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**COLORADO MONTHLY TEMPERATURE AND PRECIPITATION SUMMARY
FOR PERIOD 1951 - 1970**

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CLIMATOLOGY REPORT NO. 77-1

**DEPARTMENT OF ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO**

INTRODUCTION

This report provides a monthly climatological summary for 162 National Weather Service reporting stations in Colorado. Stations with 20 years of temperature and/or precipitation data for the period 1951 through 1970 were selected. Figure 1 is a map of Colorado indicating the location of each station. A symbol adjacent to each station name reflects the type of climatological data available at the station as indicated in the station legend. Table 1 provides a brief description of the stations including such items as the station index number, division, county, latitude (degrees and minutes), longitude (degrees and minutes), elevation (feet) and time of observation for temperature and precipitation (MST).

The stations are arranged in alphabetical order. Common to each station is a monthly summary and precipitation probability table. The summary table includes such items as the monthly means, daily extremes and number of days temperature or precipitation fall in certain classes. Following the first page of each station report are tables listing the 1951-1970 monthly data for one or all of the following:

1. precipitation (inches),
2. snowfall (inches),
3. maximum temperature (°F),
4. minimum temperature (°F),
5. mean temperature (°F).

A definition of symbols and letters is included at the end of each station summary.

Figure 1. Twenty year Climate Stations in Colorado.

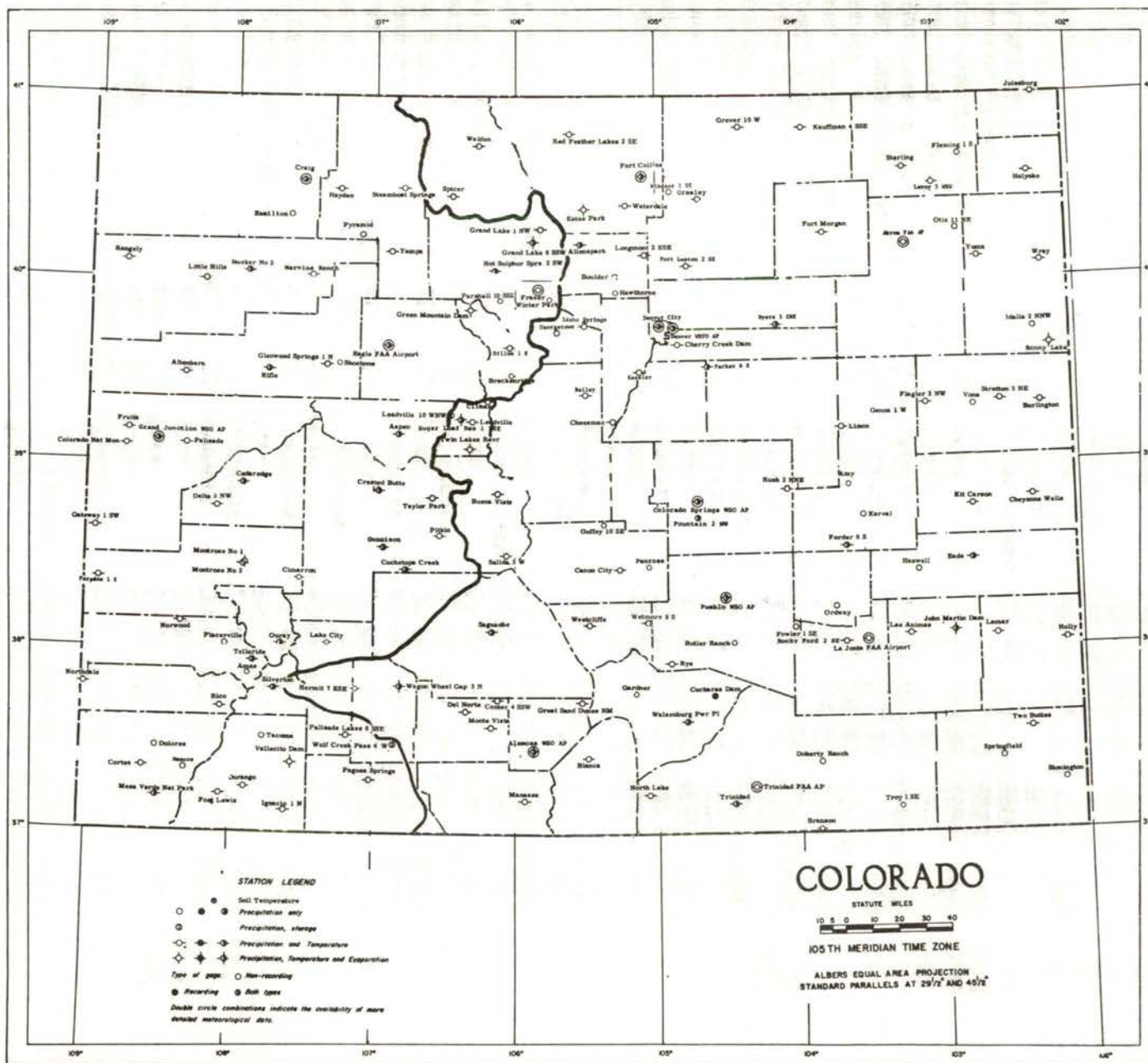


Table 1. Index of 20 year Climate Stations in Colorado.

Station	Index		County	Lat	Long	Elev	Obs Time	
	No.	Div.					Temp	Precip
Akron FAA Airport	0114	03	Washington	40 10	103 13	4663	2400	2400
Alamosa WSO	0130	05	Alamosa	37 27	105 52	7536	2400	2400
Allenspark	0183	04	Boulder	40 12	105 32	8500	1700	1700
Altenbern	0214	02	Garfield	39 30	108 23	5690	1700	1700
Ames	0228	02	San Miguel	37 54	107 55	8701		1700
Amy	0242	01	Lincoln	38 54	103 39	5420		1800
Aroya 6 NE	0343	01	Cheyenne	38 55	103 05	4787		1700
Aspen	0370	02	Pitkin	39 11	106 50	7928	1700	1700
Ayer Ranch	0437	01	El Paso	39 01	104 36	7232		0800
Bailey	0454	04	Park	39 24	105 29	7733	1700	1700
Blanca	0776	05	Costilla	37 26	105 31	7749	1700	1700
Bonny Dam	0834	03	Yuma	39 38	102 11	3647	0800	0800
Boulder	0848	04	Boulder	40 00	105 16	5445	1800	1800
Branson	0898	01	Las Animas	37 01	103 53	6292	1700	1700
Breckenridge	0909	02	Summit	39 29	106 02	9559		1700
Buena Vista	1071	01	Chaffee	38 51	106 08	7954	1600	1600
Burlington	1121	03	Kit Carson	39 19	102 16	4165	1700	0700
Butler Ranch	1157	01	Pueblo	38 02	104 28	4850		1700
Byers 5 NE	1179	04	Adams	39 45	104 15	5200	1800	1800
Canon City	1294	01	Fremont	38 26	105 16	5343	0700	1700
Cedaredge	1440	02	Delta	38 54	107 56	6180	1700	1700
Center 4 SSW	1458	05	Rio Grande	37 44	106 08	7683	0800	0800
Cheesman	1528	04	Jefferson	39 13	105 17	6875	1700	1700
Cherry Creek Dam	1547	04	Arapahoe	39 39	104 51	5647	0800	0800
Cheyenne Wells	1564	03	Cheyenne	38 49	102 21	4250	1600	1600
Cimarron	1609	02	Montrose	38 27	107 33	6896	1700	1700
Climax 2 NW	1660	02	Eagle	39 23	106 12	11300	1600	1600
Cochetopa Creek	1713	02	Gunnison	38 26	106 46	8000	0800	0800
Colorado Nat Mon	1772	02	Mesa	39 06	108 44	5280	1600	1600
Colorado Springs WSO	1778	01	El Paso	38 49	104 43	6145	2400	2400
Cortez	1886	02	Montezuma	37 21	108 34	6177	1700	1700
Craig	1928	02	Moffat	40 31	107 33	6285	2300	2300
Crested Butte	1959	02	Gunnison	38 52	106 58	8855	1700	1700
Del Norte	2184	05	Rio Grande	37 40	106 21	7884	1800	1800
Delta 3 NW	2192	02	Delta	38 46	108 07	5055	1800	1800
Denver WSFO	2220	04	Denver	39 45	104 52	5283	2400	2400
Denver WSO	2225	04	Denver	39 45	105 00	5221	2400	2400
Dillon 1 E	2281	02	Summit	39 38	106 02	9065	1600	1600
Doherty Ranch	2312	01	Las Animas	37 23	103 53	5130		1700
Dolores	2326	02	Montezuma	37 28	108 30	6950		0800
Durango	2432	02	La Plata	37 17	107 53	6550	1800	1800
Eads	2446	01	Kiowa	38 29	102 47	4215	1700	1700
Eagle FAA Airport	2454	02	Eagle	39 39	106 55	6497	2400	2400
Estes Park	2759	04	Larimer	40 23	105 31	7497	1600	1600
Flagler 2 NW	2932	03	Kit Carson	39 19	103 05	4975	1700	0700
Fleming 1 S	2944	03	Logan	40 40	102 50	4250		1800
Forder 8 S	2997	01	Lincoln	38 33	103 41	4739	1800	1800
Fort Collins	3005	04	Larimer	40 35	105 05	5001	1900	1900
Fort Lewis	3016	02	La Plata	37 14	108 03	7595	1700	1700
Fort Lupton 1 N	3027	04	Weld	40 04	104 49	4888	1700	1700

Table 1. Continued.

Station	Index		County	Lat	Long	Elev	Obs Time	
	No.	Div.					Temp	Precip
Fort Morgan	3038	04	Morgan	40 15	103 48	4321	0800	0800
Fountain 1 N	3063	01	El Paso	38 41	104 42	5570		0600
Fowler 1 SE	3079	01	Otero	38 07	104 02	4328		0700
Fraser	3113	02	Grand	39 57	105 50	8560	2300	2300
Fruita	3146	02	Mesa	39 10	108 44	4507	1700	0700
Gardner	3222	01	Huerfano	37 46	105 11	6955		1700
Gateway 1 SW	3246	02	Mesa	38 40	108 59	4562	1700	1700
Genoa 1 W	3258	03	Lincoln	39 17	103 32	5603		2100
Georgetown	3261	04	Clear Creek	39 42	105 42	8500		1600
Glenwood Springs 1 N	3359	02	Garfield	39 34	107 20	5823	1700	1700
Grand Junction WSO	3488	02	Mesa	39 07	108 32	4855	2400	2400
Grand Lake 1 NW	3496	02	Grand	40 16	105 50	8680	1700	1700
Grand Lake 6 SSW	3500	02	Grand	40 11	105 52	8288	1700	1700
Great Sand Dunes NM	3541	05	Alamosa	37 43	105 32	8120	1700	1700
Greeley	3546	04	Weld	40 25	104 41	4648		
Green Mountain Dam	3592	02	Summit	39 53	106 20	7740	1500	1500
Grover 10 W	3643	04	Weld	40 51	104 24	5090	1700	1700
Guffey 10 SE	3656	01	Fremont	38 41	105 23	8200		1600
Gunnison	3662	02	Gunnison	38 32	106 56	7664	1700	1700
Hamilton	3738	02	Moffat	40 22	107 37	6230		0600
Haswell	3828	01	Kiowa	38 27	103 10	4535		1800
Hawthorne	3850	04	Boulder	39 56	105 17	5923		1800
Hayden	3867	02	Routt	40 29	107 15	6300	1800	1800
Hermit 7 ESE	3951	05	Mineral	37 46	107 08	9001	1800	1800
Holly	4076	01	Prowers	38 03	102 07	3393	0700	0700
Holyoke	4082	03	Phillips	40 35	102 18	3746	1800	1800
Hot Sulphur Sprs 2 SW	4129	02	Grand	40 03	106 09	7800	1800	1800
Idaho Springs	4234	04	Clear Creek	39 45	105 31	7555	1600	1600
Idalia 2 NNW	4242	03	Yuma	39 43	102 17	3960		0700
Ignacio 1 N	4250	02	La Plata	37 08	107 38	6424	0800	0800
John Martin Dam	4388	01	Bent	38 04	102 56	3814	0800	0800
Julesburg	4413	04	Sedgwick	41 00	102 15	3469	1700	1700
Karval	4444	01	Lincoln	38 44	103 32	5075		0700
Kassler	4452	04	Jefferson	39 30	105 06	5495	SS	SS
Kauffman 4 SSE	4460	04	Weld	40 50	103 56	5250	SS	SS
Kit Carson	4603	01	Cheyenne	38 46	102 47	4284	1700	1700
La Junta FAA Airport	4720	01	Otero	38 03	103 31	4196	2400	2400
Lake City	4734	02	Hinsdale	38 03	107 19	8880	1700	1700
Lamar	4770	01	Prowers	38 07	102 36	3617	2300	2300
Las Animas	4834	01	Bent	38 04	103 13	3891	1700	1700
Leadville	4884	01	Lake	39 15	106 18	10158	2300	2300
Leroy 7 WSW	4945	03	Logan	40 29	103 01	4390		0600
Limon 10 SSW	5015	01	Elbert	39 09	103 46	5560	1800	1800
Limon	5017	01	Lincoln	39 16	103 42	5362	2400	2400
Little Hills	5048	02	Rio Blanco	40 00	108 12	6140	1800	1800
Longmont 2 ESE	5116	04	Boulder	40 10	105 04	4950	0800	0800
Manassa	5322	05	Conejos	37 10	105 56	7680	1700	1600
Mancos	5327	02	Montezuma	37 21	108 18	7018		1700
Marvine	5408	02	Rio Blanco	40 02	107 31	7343	1700	1700

Table 1. Continued.

Station	Index		County	Lat	Long	Elev	Obs Time	
	No.	Div.					Temp	Precip
Meeker	5484	02	Rio Blanco	40 04	107 54	6242	SS	SS
Mesa Verde Nat Park	5531	02	Montezuma	37 12	108 29	7070	1700	1700
Monte Vista	5706	05	Rio Grande	37 35	106 09	7667	1700	1700
Montrose No. 1	5717	02	Montrose	38 29	107 53	5830		1700
Montrose No. 2	5722	02	Montrose	38 29	107 53	5830	0700	0700
Northdale	5970	02	Dolores	37 49	109 01	6693	1700	1700
North Lake	5990	01	Las Animas	37 13	105 03	8800	1800	1800
Norwood	6012	02	San Miguel	38 08	108 17	7017	1800	1800
Ordway	6131	01	Crowley	38 13	103 45	4300		0800
Otis 11 NE	6192	03	Washington	40 16	102 51	4263		1900
Ouray	6203	02	Ouray	38 01	107 40	7740	1700	1700
Pagosa Springs	6258	02	Archuleta	37 16	107 01	7238	1700	1700
Palisade	6266	02	Mesa	39 07	108 21	4780	0700	0700
Palisade Lakes 6 SSE	6271	02	Hinsdale	37 26	107 09	8092	1700	1700
Paradox	6315	02	Montrose	38 22	108 58	5309	1900	1900
Parker 9 E	6326	04	Elbert	39 31	104 39	6300	1700	1700
Parshall 10 SSE	6342	02	Grand	39 55	106 07	8265		2400
Penrose 3 NNW	6410	01	Fremont	38 27	105 04	5501		0800
Pitkin	6513	02	Gunnison	38 36	106 32	9200	1800	1800
Placerville	6524	02	San Miguel	38 02	108 03	7322		1600
Pueblo WSO	6740	01	Pueblo	38 17	104 31	4639	2400	2400
Pueblo City Reservoir	6743	01	Pueblo	38 17	104 39	4685	0700	0700
Pyramid	6797	02	Routt	40 14	107 05	8009		1800
Rangely	6832	02	Rio Blanco	40 04	108 47	5216	1700	1700
Red Feather Lakes 2 SE	6925	04	Larimer	40 48	105 34	8237	1700	1700
Rico	7017	02	Dolores	37 41	108 02	8842	1800	1800
Rifle	7031	02	Garfield	39 32	107 48	5400	1700	2400
Rocky Ford 2 ESE	7167	01	Otero	38 02	103 42	4178	1700	1700
Rush 2 NNE	7287	01	El Paso	38 52	104 05	6006	1800	2400
Rye	7315	01	Pueblo	37 55	104 56	6790	1700	1700
Saguache	7337	05	Saguache	38 05	106 09	7697	1700	1700
Salida	7370	01	Chaffee	38 32	106 00	7060	1700	1700
Shoshone	7618	02	Garfield	39 34	107 14	5933		1800
Silverton	7656	02	San Juan	37 48	107 40	9322	1700	1700
Spicer	7848	04	Jackson	40 27	106 28	8379	1700	1700
Springfield	7862	01	Baca	37 24	102 37	4405		1800
Steamboat Springs	7936	02	Routt	40 30	106 50	6770	SS	SS
Sterling	7950	04	Logan	40 37	103 12	3939	0800	0800
Stonington	7992	01	Baca	37 17	102 11	3801		1800
Stratton 3 NE	8008	03	Kit Carson	39 20	102 33	4334	1800	1800
Sugarloaf Rsvr 1 ESE	8064	01	Lake	39 15	106 22	9685	0800	0800
Tacoma	8154	02	La Plata	37 31	107 47	7300		1500
Taylor Park	8184	02	Gunnison	38 49	106 37	9206	1700	1700
Telluride	8204	02	San Miguel	37 57	107 49	8756	1800	1800
Trinidad	8429	01	Las Animas	37 10	104 29	6030	1700	1700
Trinidad FAA Airport	8434	01	Las Animas	37 15	104 20	5746	2400	2400
Troy 1 SE	8468	01	Las Animas	37 08	103 19	5460		1800
Twin Lakes Reservoir	8501	01	Lake	39 05	106 19	9300	1700	1700
Two Buttes	8510	01	Baca	37 34	102 24	4080	1800	1800

Table 1. Continued.

Station	Index		County	Lat	Long	Elev	Obs Time	
	No.	Div.					Temp	Precip
Vallecito Dam	8582	02	La Plata	37 22	107 35	7650	1700	1700
Vona	8722	03	Kit Carson	39 18	102 44	4500		0700
Wagon Wheel Gap 3 N	8742	05	Mineral	37 48	106 50	8500	0700	0700
Walden	8756	04	Jackson	40 44	106 16	8099	1700	1700
Walsenburg Power Plant	8781	01	Huerfano	37 37	104 48	6221	1700	1700
Waterdale	8839	04	Larimer	40 25	105 12	5260	1700	1700
Westcliffe	8931	01	Custer	38 08	105 29	7860	1700	1700
Wetmore 9 S	8990	01	Custer	38 08	105 05	7360	1700	1700
Windsor 1 SE	9147	04	Weld	40 29	104 54	4720		0800
Winter Park	9175	02	Grand	39 54	105 46	9058		0800
Wolf Creek Pass 4 W	9183	02	Mineral	37 29	106 52	9425		0800
Wray	9243	03	Yuma	40 04	102 13	3575	1700	1700
Yampa	9265	02	Routt	40 09	106 54	7892	1800	1800
Yuma	9295	03	Yuma	40 07	102 44	4125	1800	1800

SS This entry in time of observation column means observation made near sunset.

CLIMATOLOGY REPORT NO. 77-1

AKRON FAA AIRPORT

05 114 3

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN: NO OF DAYS					SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1/2 OR MORE	3/4 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN	35.9	13.6	26.8	71.	1970	24	-20.	1963	12	0.0	8.5	30.5	4.9	.36	.53	1960	14	5.3	10.	1960	20	1.4	.1	0.0	
FEB	43.6	17.1	30.4	77.	1962	11	-20.	1951	1	0.0	5.9	27.1	2.3	.35	.52	1951	10	5.2	8.	1951	13	.8	0.0	0.0	
MAR	48.0	21.1	34.6	85.	1963	28	-20.	1960	2	0.0	4.8	28.0	1.1	.82	.97	1952	25	8.6	10.	1958	2	2.2	.2	0.0	
APR	60.3	31.3	45.9	87.	1962	20	4.	1959	10	0.0	.6	16.4	0.0	1.10	1.55	1964	2	4.0	9.	1957	5	3.1	.4	.1	
MAY	70.8	42.5	56.7	93.	1964	25	19.	1954	2	1.1	0.0	3.0	0.0	3.11	2.02	1967	26	.8	7.	1954	2	6.5	1.0	.7	
JUN	81.3	51.8	66.6	105.	1954	23	28.	1954	3	7.6	0.0	.2	0.0	2.76	1.86	1963	16	0.0	0.	0	0	5.8	1.8	.7	
JUL	88.5	58.6	73.6	105.	1954	11	38.	1952	8	15.5	0.0	0.0	0.0	2.79	5.50	1957	26	0.0	0.	0	0	6.0	1.5	.7	
AUG	86.6	56.9	71.8	102.	1969	8	40.	1964	21	13.0	0.0	0.0	0.0	1.76	1.81	1959	7	0.0	0.	0	0	3.6	1.1	.3	
SEP	77.6	46.8	62.2	99.	1959	6	27.	1951	27	4.0	0.0	.9	0.0	1.12	2.10	1963	8	.5	2.	1959	30	3.0	.6	.1	
OCT	65.8	35.8	50.8	91.	1954	2	7.	1969	14	.1	.2	10.4	0.0	.91	1.37	1965	18	3.2	12.	1969	13	2.4	.6	.1	
NOV	50.4	23.3	36.9	76.	1958	10	-11.	1955	16	0.0	3.0	25.6	.7	.56	1.52	1956	2	5.3	13.	1956	20	1.3	.1	.1	
DEC	41.6	15.8	28.7	72.	1964	23	-17.	1964	17	0.0	7.2	30.5	2.6	.43	.95	1952	13	5.7	11.	1952	22	.8	0.0	0.0	
ANNUAL	62.9	34.6	48.7							41.	30.	173.	11.	16.1				39.				37.	8.	3.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.13	.20	.72	.73	.82	.26	.09	.14	.02	.04	10.80
.10	.05	.02	.20	.30	1.00	.99	.88	.41	.17	.22	.04	.07	11.85
.20	.11	.06	.31	.46	1.46	1.39	.99	.66	.31	.35	.10	.13	13.13
.30	.16	.11	.43	.61	1.87	1.74	1.07	.91	.47	.49	.17	.19	14.07
.40	.22	.17	.54	.76	2.27	2.08	1.29	1.02	.64	.61	.26	.25	15.82
.50	.28	.24	.67	.93	2.70	2.45	1.44	1.16	.83	.75	.36	.33	17.67
.60	.35	.32	.82	1.11	3.19	2.85	1.76	1.44	.91	.81	.40	.42	19.69
.70	.44	.43	1.00	1.34	3.77	3.33	2.15	1.76	1.07	1.07	.66	.53	21.67
.80	.56	.58	1.24	1.65	4.53	3.85	2.67	2.15	1.36	1.36	.91	.68	24.86
.90	.76	.84	1.54	2.14	5.73	4.93	3.39	2.67	1.77	1.77	1.34	.93	28.59
.95	.95	1.10	2.01	2.60	6.87	5.85	4.35	3.53	2.45	2.45	1.78	1.17	32.09
ALPHA	1.56	.99	1.79	2.02	2.51	2.89	2.43	1.75	1.23	1.81	.85	1.36	21.87
BETA	.24	.38	.46	.54	1.24	.95	1.15	1.00	.91	.50	.66	.32	.73
Q	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	.42	1.17	.20	1.16	2.91	4.22	2.39	1.28	1.97	1.58	.24	.67	18.21
1952	.20	1.17	2.55	1.61	4.68	.38	.34	1.43	.78	.25	2.13	1.69	17.21
1953	.45	.58	.63	2.52	1.15	2.28	4.16	3.76	.11	1.04	1.28	1.09	19.05
1954	.26	.02	1.80	.46	2.00	1.59	1.75	1.07	.63	1.03	.05	.15	10.61
1955	.24	.51	.75	.42	4.28	3.68	2.98	2.34	.91	.64	.47	.13	17.35
1956	.69	.39	.60	.30	.83	1.45	3.91	2.65	.09	.30	3.20	.69	15.10
1957	.21	.02	.74	2.99	5.22	1.44	6.80	1.63	.22	1.69	.16	.25	21.37
1958	.28	.86	.86	1.67	2.81	2.43	4.92	.36	1.63	.50	.45	.50	17.27
1959	.51	.19	1.57	.35	3.44	1.16	.69	3.26	2.18	1.27	.02	.37	15.01
1960	1.16	.62	.58	.28	3.08	1.92	2.05	.11	.78	2.10	.36	.71	13.75
1961	.07	.03	2.12	.88	3.44	2.09	2.67	2.05	2.74	.13	.33	.14	16.69
1962	.59	.23	.78	.45	5.20	4.24	3.78	.80	.71	.43	.18	.40	17.79
1963	.62	.13	.42	.50	1.05	2.57	2.72	3.73	3.32	.72	.38	.16	16.32
1964	T	.33	.63	2.50	1.40	2.61	.42	3.09	.33	.17	.19	.10	11.77
1965	.64	.27	.28	.34	5.47	7.18	3.23	1.16	2.08	1.66	.03	.72	23.06
1966	.19	.18	.21	.86	.67	3.54	2.30	2.68	1.85	.79	.13	.05	13.45
1967	.27	T	.24	1.41	6.75	5.15	4.03	.61	.42	.46	.34	.44	20.12
1968	.01	.19	.38	1.40	2.48	.90	3.19	2.24	.11	.43	.24	.16	11.73
1969	.20	.16	.13	.72	4.44	2.81	2.18	.56	.46	2.55	.41	.22	14.84
1970	.10	.04	.91	1.20	.81	3.48	1.28	.36	1.06	.43	.60	.06	10.33

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.2	12.1	2.2	4.4	T	T	
51-52	T	.0	.9	2.1	2.7	8.3	1.0	13.5	17.0	3.7	.2	.0	49.4
52-53	.0	.0	.0	3.2	21.4	13.4	5.7	6.0	2.0	12.9	1.7	T	66.3
53-54	T	T	.0	.0	12.8	12.4	4.0	T	16.6	2.0	5.0	T	52.8
54-55	.0	T	.0	1.0	1.2	7.5	3.3	8.0	6.5	1.0	T	T	28.5
55-56	T	.0	.0	T	2.8	1.5	6.0	6.3	7.4	2.2	.0	.0	26.2
56-57	.0	.0	.0	2.6	32.5	8.2	3.6	T	7.1	14.1	4.3	.0	72.4
57-58	.0	.0	.0	1.0	2.3	3.0	4.7	9.9	13.2	10.1	.0	.0	44.2
58-59	.0	.0	.0	.8	6.0	7.3	13.8	4.2	15.6	2.3	.0	.0	50.0
59-60	.0	.0	9.0	11.0	T	3.0	15.0	14.5	9.9	1.9	T	.0	64.3
60-61	.0	.0	.0	2.3	4.4	9.1	1.0	.1	17.9	8.1	3.0	.0	45.9
61-62	.0	.0	.0	T	2.0	3.1	10.2	4.5	2.8	T	.0	.0	22.6
62-63	.0	.0	T	.0	1.0	4.3	8.4	2.0	4.0	1.0	.0	.0	20.7
63-64	.0	.0	.0	T	3.5	6.5	T	5.4	9.7	5.0	T	.0	30.1
64-65	.0	.0	.0	.0	1.5	T	7.1	6.5	6.2	T	.0	.0	21.3
65-66	.0	.0	T	.0	1.0	3.6	6.7	4.7	7.3	1.0	2.0	.0	26.3
66-67	.0	.0	.0	9.2	1.8	1.0	5.2	T	3.0	2.2	.6	.0	23.0
67-68	.0	.0	.0	T	4.1	9.0	T	2.6	3.5	4.0	T	.0	23.2
68-69	.0	.0	.0	T	T	7.0	2.7	2.9	4.0	T	.0	.0	16.6
69-70	.0	.0	.0	26.0	.5	4.0	1.0	1.0	16.4	4.1	.0	.0	53.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.6	43.2	47.5	55.7	70.1	71.9	85.1	85.4	75.2	60.9	51.1	37.8	60.2
1952	45.1	46.0	43.5	62.0	69.4	90.1	91.0	89.6	83.1	69.6	43.3	33.6	63.9
1953	45.1	43.1	57.0	53.9	67.6	85.8	88.6	84.8	83.1	69.5	51.9	37.5	64.0
1954	41.5	57.1	46.3	68.7	67.4	86.8	93.4	83.5	82.2	63.9	56.9	46.9	66.7
1955	35.5	36.8	50.5	66.3	73.3	75.1	92.4	89.9	79.1	69.6	46.4	44.0	63.2
1956	44.2	38.2	52.2	58.9	74.8	90.3	86.6	83.9	83.3	73.9	42.2	39.6	64.0
1957	32.8	51.4	48.1	52.1	64.7	76.7	88.7	86.7	77.2	61.0	46.3	51.3	61.6
1958	45.9	47.3	37.4	54.5	74.6	81.5	82.8	89.9	80.3	68.2	52.3	43.8	63.2
1959	39.8	38.6	48.8	59.5	68.7	87.5	90.4	89.4	75.4	60.4	50.4	49.1	63.2
1960	34.4	29.6	45.5	64.1	71.1	80.9	87.8	89.3	79.2	66.5	52.0	39.3	61.6
1961	41.1	47.3	47.5	56.2	66.5	82.3	87.1	86.5	69.5	66.1	47.6	38.2	61.3
1962	30.5	44.6	47.5	64.5	75.7	78.3	85.9	88.4	77.0	68.7	54.1	45.1	63.4
1963	29.3	49.2	52.0	65.7	76.8	86.1	92.3	84.7	80.0	74.0	54.9	36.9	65.2
1964	44.4	37.1	44.2	58.1	73.2	80.9	93.6	85.1	77.6	68.6	51.2	43.1	63.1
1965	46.3	36.8	38.4	65.5	71.5	75.7	86.4	83.1	65.1	69.1	56.7	44.9	61.6
1966	34.5	36.2	55.0	58.1	75.7	81.0	90.0	82.9	76.1	63.9	52.5	40.7	62.2
1967	44.6	47.3	57.7	63.6	64.3	74.6	84.7	83.7	76.5	67.7	50.5	34.4	62.5
1968	36.8	46.0	54.4	57.5	64.1	83.9	85.4	81.8	77.5	67.3	47.8	38.1	62.0
1969	43.0	45.3	43.5	65.6	71.9	74.9	88.9	87.7	79.5	48.7	50.6	41.5	61.8
1970	42.3	51.4	42.8	56.1	75.1	80.6	88.1	89.7	74.7	59.2	49.8	46.4	63.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.6	14.6	18.4	27.8	42.1	46.7	57.0	54.9	43.6	32.9	19.8	10.1	31.5
1952	15.0	16.0	19.0	32.0	41.2	54.6	56.6	56.8	47.8	32.3	16.4	11.0	33.1
1953	20.1	16.5	25.2	26.0	37.7	52.5	58.5	56.1	46.3	37.5	25.8	13.8	34.7
1954	15.5	24.0	17.1	33.4	40.1	50.1	60.5	55.4	47.9	33.1	24.4	15.3	34.7
1955	8.9	9.5	16.6	30.2	42.5	46.4	59.6	59.3	48.1	35.4	18.6	15.8	32.6
1956	15.9	11.4	21.7	27.4	43.6	55.9	57.0	54.1	46.1	35.6	18.9	17.3	33.7
1957	10.2	24.0	23.7	30.8	40.6	49.8	58.3	57.2	43.4	38.0	21.1	19.1	34.7
1958	14.4	18.9	16.9	31.2	46.6	52.4	55.6	57.1	47.8	36.4	22.4	19.9	35.0
1959	13.3	16.9	21.9	29.5	42.6	54.8	55.5	58.6	45.1	32.1	18.9	18.9	34.0
1960	11.5	8.8	21.5	34.6	41.5	53.0	59.3	57.9	49.7	38.7	25.2	16.5	34.9
1961	16.4	21.1	25.7	29.6	42.2	52.9	58.1	59.0	43.3	35.7	21.4	13.1	34.9
1962	6.7	17.6	21.3	34.9	45.4	52.1	57.7	57.0	47.8	39.0	29.1	20.6	35.8
1963	3.7	23.9	26.7	34.6	45.9	54.9	61.1	59.6	52.9	44.0	26.9	12.4	37.2
1964	16.6	13.5	19.2	33.0	43.4	50.6	60.7	53.7	46.2	35.1	24.1	15.5	34.3
1965	20.1	12.0	14.1	35.1	42.5	52.0	59.0	55.8	42.1	40.1	29.2	21.2	35.3
1966	8.5	13.9	26.4	29.5	43.2	51.7	62.3	55.4	49.4	34.4	26.1	15.7	34.7
1967	19.7	18.5	26.2	33.0	39.8	50.7	58.4	55.3	46.9	35.8	23.3	11.2	34.9
1968	15.7	19.2	25.3	28.7	39.3	53.6	58.4	54.9	45.6	36.7	23.5	12.0	34.4
1969	15.0	20.4	17.5	35.9	46.3	49.0	60.5	59.8	51.5	30.3	25.1	19.7	35.9
1970	15.0	20.4	18.9	29.7	43.5	51.9	58.9	60.8	45.0	32.9	25.3	17.3	35.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1951	24.6	28.9	33.0	41.8	56.1	59.3	71.1	70.2	59.4	46.9	35.5	24.0	45.
1952	30.1	31.0	30.8	47.0	55.3	72.4	73.8	73.2	65.5	51.0	29.9	22.3	48.
1953	32.6	29.8	41.1	40.0	52.7	69.2	73.6	70.5	64.7	53.5	32.9	25.7	
1954	28.5	40.6	31.7	51.1	53.8	68.5	77.0	72.5	65.1	48.5	40.7	31.1	
1955	22.2	23.2	33.6	48.3	57.9	60.8	76.0	74.6	63.6	52.5	32.5	29.9	
1956	30.1	24.8	37.0	43.2	59.2	73.1	71.8	69.0	64.7	54.8	30.6	28.5	48.
1957	21.5	37.7	35.9	41.5	52.7	64.3	73.5	72.0	60.3	49.5	33.7	35.2	
1958	30.2	33.1	27.2	42.9	60.6	67.0	69.2	73.5	64.1	52.3	37.4	31.9	
1959	26.6	27.8	35.4	44.5	55.7	71.2	73.0	74.0	60.3	46.3	34.7	34.0	
1960	23.0	19.2	33.5	49.4	56.3	67.0	73.6	73.6	64.5	52.6	38.6	27.5	40.
1961	28.8	34.2	36.6	42.9	54.4	67.6	72.6	72.8	56.4	50.9	34.5	25.7	48.
1962	18.6	31.1	34.4	49.7	60.6	65.2	71.8	72.7	62.4	53.9	41.6	32.9	4
1963	16.5	36.6	39.4	50.2	61.4	70.5	76.7	72.2	66.5	59.0	40.9	24.7	5
1964	30.5	25.3	31.7	45.6	58.3	65.8	77.2	69.4	61.9	51.9	37.7	29.3	4
1965	33.2	24.4	26.3	50.3	57.0	63.9	72.7	69.5	53.6	54.6	43.0	33.1	48.
1966	21.5	25.1	40.7	43.8	59.5	66.4	76.2	69.2	62.8	49.2	39.3	28.2	4
1967	32.2	32.9	42.0	48.3	52.1	62.7	71.6	69.5	61.7	51.8	36.9	22.8	4
1968	27.8	32.6	39.9	43.1	51.7	68.8	71.9	68.4	61.6	52.0	35.7	25.1	4
1969	29.0	32.9	30.5	50.8	59.1	62.0	74.7	73.8	65.5	39.5	37.9	30.6	4
1970	28.7	35.9	30.9	42.9	59.3	66.3	73.5	75.3	59.9	46.1	37.6	31.9	49.

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ALAMOSA WBAP

05 130 5

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS				EXTREMES				MEAN NO OF DAYS			GREATEST				SIGN. SFEET				MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	52 OR BELOW												0 OR BELOW
JAN	35.4	-1.2	17.1	58.	1951	22	-41.	1963	13	0.0	11.0	30.8	17.5	.24	.33	1952	18	4.0	8.	1968	2	.8	0.0	0.0
FEB	40.2	5.9	23.1	64.	1951	11	-30.	1963	13	0.0	6.1	28.2	8.3	.29	.88	1963	10	5.3	11.	1963	12	.8	.1	0.0
MAR	47.3	14.6	31.0	70.	1966	31	-20.	1964	4	0.0	2.4	30.6	1.8	.34	1.00	1962	30	6.5	14.	1962	30	1.1	.1	.1
APR	57.7	23.8	40.8	75.	1969	21	2.	1955	4	0.0	.1	27.1	0.0	.52	1.22	1952	20	5.0	11.	1957	2	1.5	.1	0.0
MAY	67.9	33.6	50.8	85.	1970	18	11.	1967	1	0.0	0.0	12.8	0.0	.65	.86	1967	26	1.2	4.	1970	1	1.5	.4	0.0
JUN	77.8	41.8	59.8	91.	1954	24	26.	1954	7	.3	0.0	1.9	0.0	.53	1.02	1969	16	0.0	0.	0	0	1.6	.2	.1
JUL	82.0	48.3	65.2	91.	1964	4	34.	1968	1	.8	0.0	0.0	0.0	1.24	1.15	1970	8	0.0	0.	0	0	3.7	.6	.1
AUG	79.3	46.2	62.8	89.	1970	13	29.	1964	21	0.0	0.0	.3	0.0	1.27	.87	1966	1	0.0	0.	0	0	4.2	.6	0.0
SEP	73.8	36.0	54.9	87.	1960	3	17.	1959	25	0.0	0.0	9.0	0.0	.69	1.77	1959	30	.4	1.	1961	3	1.8	.3	.1
OCT	63.0	24.7	43.9	79.	1964	1	-2.	1967	30	0.0	.1	25.8	.1	.68	1.10	1961	29	3.9	12.	1969	12	1.7	.4	.1
NOV	47.7	11.9	29.8	65.	1952	1	-30.	1952	27	0.0	2.5	29.8	3.2	.30	.56	1957	16	4.1	6.	1964	19	.9	.1	0.0
DEC	36.6	.3	18.5	61.	1958	8	-42.	1964	14	0.0	10.4	30.9	15.2	.37	.91	1964	3	6.3	18.	1964	6	1.1	.1	0.0
ANNUAL	59.1	23.8	41.5							1.	33.	227.	46.	7.1				37.				21.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	0.00	.10	.07	.03	.33	.40	0.00	0.00	.02	0.00	3.67
.10	.05	.03	.06	.15	.12	.05	.45	.52	0.00	.04	.03	.01	4.26
.20	.08	.08	.12	.22	.21	.11	.63	.70	.07	.12	.07	.05	5.06
.30	.12	.13	.17	.29	.30	.18	.79	.85	.17	.22	.11	.10	6.27
.40	.16	.20	.23	.36	.40	.27	.94	.95	.29	.33	.15	.15	6.85
.50	.21	.25	.28	.44	.51	.36	1.11	1.16	.43	.46	.21	.23	7.47
.60	.26	.30	.35	.52	.63	.48	1.29	1.32	.60	.63	.28	.32	8.17
.70	.30	.36	.42	.63	.79	.64	1.50	1.52	.83	.83	.36	.44	9.04
.80	.37	.47	.53	.77	1.00	.85	1.77	1.77	1.15	1.15	.49	.61	10.34
.90	.50	.64	.69	.90	1.30	1.23	2.21	2.17	1.73	1.73	.70	.91	11.50
.95	.63	.80	.85	1.20	1.69	1.60	2.62	2.54	2.30	2.12	.91	1.21	
ALPHA	1.52	1.44	1.29	2.14	1.48	.97	2.96	3.60	.90	.99	.99	.85	8.72
BETA	.16	.21	.19	.24	.44	.55	.42	.35	.85	.73	.30	.46	.82
Q	0.00	.05	.05	0.00	0.00	0.00	0.00	0.00	.10	.05	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.03	.15	.37	.45	.03	.03	.74	1.29	.05	.35	.22	.38	4.09
1952	.67	.12	.07	1.55	1.01	.13	1.19	.94	1.28	.02	.63	.15	7.76
1953	.08	.20	.26	.35	1.20	.43	1.24	.62	T	1.21	.51	.39	6.49
1954	.28	T	.06	.32	.78	.03	1.77	1.03	.88	.19	.09	.13	5.56
1955	.06	.15	T	.22	1.24	.11	.67	1.44	.15	.03	.05	.04	4.16
1956	.58	.06	.19	.58	.19	.16	.19	1.18	T	.18	.09	T	3.40
1957	.52	.08	.26	1.38	1.64	.21	2.45	.63	.01	.26	1.21	.01	8.66
1958	.30	.15	.32	.81	.38	.20	.72	.72	.48	.65	.26	.02	5.01
1959	.24	.31	.42	.58	1.15	.18	1.09	1.53	1.94	1.78	.07	.28	9.55
1960	.33	.56	.10	.39	.15	.65	.55	.71	.26	1.28	.29	.58	5.85
1961	.09	.23	.62	1.02	.70	.51	.89	2.03	1.38	1.55	.60	.57	10.19
1962	.68	.21	1.16	.11	.15	.52	.49	.22	.81	.32	.52	.15	4.74
1963	.42	1.42	.25	.13	.13	.69	1.10	1.87	.15	.27	.08	.04	6.55
1964	.26	.27	.41	.22	.50	.39	.91	.73	1.06	T	.80	1.52	7.07
1965	.28	.37	.52	.36	.59	1.77	1.52	.95	1.59	1.08	.05	.76	5.84
1966	.28	.23	.11	.15	.30	.72	.78	1.42	.03	.49	.10	.35	4.96
1967	.07	.78	.15	.58	1.22	.84	1.78	3.28	.53	.42	.01	1.20	10.86
1968	.04	.42	.21	.27	.20	.06	3.50	2.22	.41	.11	.28	.38	8.10
1969	.16	.12	.47	.32	.49	2.58	1.92	1.31	1.29	2.37	.11	.41	11.55
1970	.06	.03	.85	.54	.86	.38	1.35	1.30	1.53	1.09	.06	.03	8.08

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							1.7	4.6	6.7	2.8	T	.0	
51-52	.0	.0	.0	.0	4.2	2.9	9.1	2.7	1.6	2.5	5.6	.3	28.9
52-53	.2	T	T	.0	10.9	2.5	1.8	4.9	3.4	2.9	5.5	T	32.1
53-54	T	T	.0	T	4.6	5.9	5.2	T	.3	.2	1.1	.0	17.3
54-55	T	.0	.0	.0	.4	1.7	.3	1.8	.2	5.8	6.5	T	16.7
55-56	T	T	.0	.1	1.2	.7	8.6	2.0	4.9	3.3	T	.0	20.8
56-57	.0	.0	.0	.0	3.0	.4	3.6	.8	4.0	14.2	.3	.0	26.3
57-58	.0	.0	.0	T	16.5	.3	6.0	1.5	3.3	8.5	.0	.0	36.1
58-59	.0	.0	.0	.2	4.3	.4	5.7	6.9	10.2	10.0	1.3	.0	39.0
59-60	.0	.0	2.2	12.8	2.4	6.3	9.8	11.3	1.7	3.6	T	.0	50.1
60-61	.0	.0	.0	6.1	.3	8.4	2.1	6.0	12.5	14.2	1.0	.0	50.6
61-62	.0	.0	4.2	13.3	6.4	8.8	1.6	4.7	16.1	T	T	.0	55.1
62-63	.0	.0	.0	.2	6.7	1.6	4.2	16.0	3.6	2.3	.0	.0	34.6
63-64	.0	.0	.0	.7	1.2	.9	5.4	6.3	8.6	1.5	.0	.0	24.6
64-65	.0	.0	.0	.0	13.6	27.0	2.7	8.4	9.1	4.5	.5	.0	65.8
65-66	.0	.0	.0	.5	.3	10.8	4.7	5.8	3.3	3.6	.0	.0	29.0
66-67	.0	.0	.0	4.8	.3	4.9	1.2	12.4	4.0	6.4	1.2	.0	35.2
67-68	.0	.0	.0	4.3	.3	27.7	1.3	6.4	4.8	5.0	T	.0	49.8
68-69	.0	.0	.0	.2	2.8	6.3	3.5	2.4	12.5	.9	.9	.0	29.5
69-70	.0	.0	.0	20.3	1.7	7.6	1.5	1.0	19.1	8.7	.8	.0	60.7

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.6	43.4	47.9	55.9	64.7	77.7	86.4	79.6	76.0	61.7	43.2	34.4	59.5
1952	32.8	37.9	42.8	58.3	66.6	80.8	81.2	78.9	73.9	67.5	41.3	28.4	57.5
1953	42.3	40.1	50.2	56.4	62.1	80.7	81.9	80.3	77.5	62.7	47.4	32.5	59.5
1954	38.2	50.3	48.0	66.7	70.2	80.2	81.9	79.5	75.8	66.1	54.7	40.1	62.6
1955	36.2	36.9	49.7	56.0	65.1	75.5	82.3	80.1	76.2	65.6	48.2	44.4	59.7
1956	41.3	36.3	50.9	56.6	71.7	81.5	81.8	78.1	79.2	64.9	44.3	40.6	60.6
1957	36.4	48.9	48.3	54.2	60.3	76.7	79.5	77.5	74.0	59.0	37.7	37.3	57.5
1958	35.7	44.1	44.0	53.7	71.5	81.0	83.0	82.1	74.5	63.6	49.0	46.1	60.7
1959	37.9	39.4	47.2	58.3	67.2	79.9	82.6	78.7	73.4	59.7	47.7	40.9	59.4
1960	28.4	30.8	49.0	59.8	66.7	79.2	82.0	82.3	75.4	60.2	51.1	31.6	58.0
1961	33.1	42.5	47.4	56.4	69.1	79.3	80.8	78.4	69.4	62.0	42.4	30.3	57.6
1962	33.1	45.5	44.3	62.0	69.4	77.0	80.0	82.3	73.3	66.2	51.7	44.3	60.8
1963	32.5	40.4	47.4	59.3	72.0	77.5	84.1	78.4	76.5	68.5	51.2	39.4	60.6
1964	34.5	33.2	43.0	55.5	68.9	76.9	84.3	79.3	72.2	66.6	42.9	23.4	56.7
1965	32.0	34.7	41.2	57.8	64.9	73.3	80.4	78.2	69.4	65.4	52.0	38.5	57.3
1966	30.8	32.8	51.9	59.5	71.3	76.8	83.9	79.0	75.0	62.8	52.8	38.0	59.6
1967	38.0	40.9	54.4	58.5	65.8	73.7	79.8	75.8	71.0	64.8	51.9	27.9	58.5
1968	26.6	37.9	49.5	54.1	65.5	79.1	79.4	75.2	71.6	64.8	46.2	35.8	57.1
1969	41.7	41.8	44.5	61.0	71.5	73.5	81.6	81.8	72.0	52.7	48.3	36.5	58.9
1970	36.4	46.8	45.2	54.0	70.0	75.0	82.8	81.5	70.4	55.9	49.8	42.3	59.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.8	4.9	14.5	24.4	33.0	36.9	47.8	47.5	33.3	23.9	8.2	3.3	23.4
1952	2.3	8.0	11.8	25.1	35.9	44.3	48.1	47.6	37.4	21.7	8.4	- 7.2	23.6
1953	6.7	6.3	16.8	22.4	31.3	44.1	50.0	43.3	32.5	25.0	13.5	- 2.1	24.2
1954	5.0	14.8	15.5	26.8	35.6	41.4	49.9	43.5	38.2	28.1	13.0	- 1.8	25.8
1955	- .8	- 1.9	12.8	22.6	33.1	40.6	46.3	48.4	35.0	22.7	11.9	5.1	23.0
1956	4.6	4.0	13.9	23.2	34.8	44.7	45.8	42.3	34.6	23.2	6.1	- .4	23.1
1957	8.0	15.5	17.5	23.8	33.9	42.8	50.6	48.3	32.9	28.1	5.7	2.4	25.8
1958	- 2.2	13.0	17.2	22.3	28.1	43.8	45.8	47.7	38.7	24.3	10.3	6.5	25.3
1959	- 3.5	6.8	13.0	24.5	34.1	44.7	46.3	48.5	34.6	25.9	13.3	7.1	24.6
1960	- 9.7	- 7.0	17.9	25.9	31.6	42.8	46.3	44.8	37.4	27.0	14.2	- 2.4	22.4
1961	- 7.3	7.9	17.7	24.7	34.1	42.3	46.7	48.5	36.5	23.5	15.0	- 6.6	23.6
1962	- 2.8	14.9	9.2	26.8	31.0	41.0	46.0	41.3	36.4	25.2	15.4	6.1	24.2
1963	- 7.6	3.3	17.1	25.3	34.7	39.9	48.9	48.9	39.1	29.2	10.8	- 2.6	23.9
1964	- 8.2	- 1.2	7.0	20.8	34.0	40.7	49.2	44.5	38.1	23.1	8.9	-10.1	20.6
1965	1.2	2.1	15.0	25.7	33.3	41.7	49.5	43.1	36.9	24.9	17.5	6.2	24.8
1966	- 4.9	- .8	14.4	23.3	33.6	41.3	51.1	46.1	35.4	24.7	16.2	3.8	23.7
1967	- .3	5.0	19.9	25.0	31.5	41.4	50.5	45.5	37.6	21.9	13.0	- 4.8	23.9
1968	-10.8	7.2	17.1	20.5	31.9	41.0	47.8	46.0	33.3	25.0	10.8	- 3.5	22.2
1969	6.3	5.2	11.2	25.3	34.8	40.1	51.1	50.0	37.8	24.4	12.2	2.6	25.1
1970	- 2.5	10.3	12.0	18.4	32.8	40.0	48.7	47.5	34.5	23.1	12.8	3.4	23.4

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	21.2	24.2	31.2	40.2	50.9	57.3	67.1	63.6	54.7	42.8	25.7	18.9	41.5
1952	17.6	23.0	27.3	41.7	51.3	62.6	64.7	63.3	55.7	44.6	24.9	10.6	40.6
1953	24.5	23.2	33.5	39.4	46.7	62.4	66.0	61.8	55.0	43.9	30.5	15.2	41.8
1954	21.6	32.6	31.8	46.8	52.9	60.8	65.9	61.5	57.0	47.1	33.9	19.2	44.3
1955	17.7	17.5	31.3	39.3	49.1	58.1	64.3	64.3	55.6	44.2	30.1	24.8	41.4
1956	23.0	20.2	32.4	39.9	53.3	63.1	63.8	60.2	56.9	44.1	25.2	20.1	41.9
1957	22.2	32.2	32.9	39.0	47.1	59.8	65.1	62.9	53.5	43.6	21.7	19.9	41.7
1958	16.8	28.6	30.6	38.0	53.8	62.4	64.4	64.9	56.6	44.0	29.7	26.3	43.0
1959	17.2	23.1	30.1	41.4	50.7	62.3	64.5	63.6	54.0	42.8	30.5	24.0	42.0
1960	9.4	11.9	33.5	42.9	49.2	61.0	64.2	63.6	56.4	43.6	32.7	14.6	40.3
1961	12.9	25.2	32.6	40.6	51.6	60.8	63.8	63.5	53.0	42.8	28.7	11.9	40.6
1962	15.2	30.2	26.8	44.4	50.2	59.0	63.0	61.8	54.9	45.7	33.6	25.2	42.5
1963	12.5	21.9	32.3	42.3	53.4	58.7	66.5	63.7	57.8	48.9	31.0	18.4	42.3
1964	13.2	16.0	25.0	38.2	51.5	58.8	66.8	61.9	55.2	44.9	25.9	6.7	38.7
1965	16.6	18.4	28.1	41.8	49.1	57.5	65.0	60.7	53.2	45.2	34.8	22.4	41.1
1966	13.0	16.0	33.2	41.4	52.5	59.1	67.5	62.6	55.2	43.8	34.5	20.9	41.6
1967	16.9	23.0	37.2	41.8	48.7	57.6	65.2	60.7	54.3	43.4	32.5	11.6	41.2
1968	7.9	22.6	33.3	37.3	48.7	60.1	63.6	60.6	52.5	44.9	28.5	16.2	39.7
1969	24.0	23.5	27.9	43.2	53.2	56.8	66.4	65.9	54.9	38.6	30.3	19.6	42.0
1970	17.0	28.6	28.6	36.2	51.4	57.5	65.8	64.5	52.5	39.5	31.3	22.9	41.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ALLENSPARK

05 183 4

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN NO OF DAYS							SNOW, SLEET		MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN:	34.9	14.6	24.8	62.	1959	9	-38.	1963	12	0.0	11.1	30.1	3.6	1.13	1.18	1951	29	19.8	22.	1951	30	4.4	.5	0.0
FEB	35.9	14.6	25.3	63.	1958	20	-32.	1951	1	0.0	9.6	27.3	3.3	1.16	.85	1963	1	22.1	15.	1951	1	3.9	.2	0.0
MAR	38.7	15.9	27.5	60.	1967	29	-23.	1965	19	0.0	8.0	29.4	3.1	1.07	1.33	1952	21	30.7	24.	1952	21	5.8	.7	.1
APR	48.4	23.8	36.2	72.	1960	15	-10.	1959	12	0.0	1.7	24.9	.5	2.06	4.30	1957	2	28.1	30.	1959	11	5.6	1.0	.2
MAY	58.9	32.3	45.6	78.	1969	26	6.	1954	2	0.0	.1	14.8	0.0	2.83	4.10	1969	7	8.6	6.	1952	16	5.6	1.4	.8
JUN:	68.5	39.1	53.7	91.	1954	23	13.	1960	13	.1	0.0	2.6	0.0	2.34	2.55	1965	10	.4	0.	0	0	5.3	1.3	.3
JUL	75.8	45.1	60.5	90.	1954	12	30.	1959	1	0.0	0.0	.2	0.0	2.25	1.38	1956	31	0.0	0.	0	0	6.5	1.5	.1
AUG	72.6	43.9	58.3	87.	1969	8	27.	1956	31	0.0	0.0	.5	0.0	2.46	1.68	1963	4	0.0	0.	0	0	6.9	1.1	.2
SEP	65.6	37.7	51.7	81.	1960	1	7.	1959	30	0.0	0.0	7.2	0.0	1.48	1.00	1959	24	2.3	0.	0	0	4.7	1.0	.1
OCT	55.8	30.1	43.0	75.	1958	9	0.	1969	13	0.0	.3	18.6	0.0	1.10	1.40	1951	5	10.7	10.	1961	29	3.0	.6	.2
NOV	43.5	21.0	32.3	63.	1953	2	-16.	1951	2	0.0	4.5	25.9	1.3	1.02	.75	1967	21	16.8	20.	1955	13	3.7	.3	0.0
DEC	36.9	16.8	26.9	63.	1953	1	-15.	1967	14	0.0	8.4	29.9	2.2	1.14	1.00	1960	4	16.6	22.	1951	30	3.8	.4	.1
ANNUAL	53.0	28.0	42.5							0.	44.	211.	14.	20.8				156.				59.	10.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.21	.34	.48	.38	.69	.62	.78	.47	.21	.15	.30	0.00	12.75
.10	.31	.45	.59	.57	.96	.84	.99	.69	.34	.24	.40	.26	14.22
.20	.48	.61	.83	.87	1.37	1.18	1.30	1.05	.55	.40	.54	.47	17.67
.30	.63	.76	1.17	1.15	1.74	1.57	1.56	1.38	.76	.55	.67	.64	17.67
.40	.79	.90	1.41	1.43	2.10	1.77	1.81	1.72	.97	.71	.79	.81	19.03
.50	.95	1.04	1.65	1.74	2.49	2.08	2.07	2.09	1.21	.89	.91	.99	20.36
.60	1.14	1.20	1.93	2.09	3.22	2.62	2.35	2.50	1.48	1.09	1.05	1.18	21.75
.70	1.37	1.39	2.25	2.52	4.02	3.28	2.68	3.00	1.81	1.34	1.22	1.41	23.31
.80	1.68	1.64	2.68	3.08	4.10	3.35	3.10	3.67	2.26	1.68	1.43	1.72	25.23
.90	2.17	2.02	3.35	3.89	5.16	4.19	3.74	4.74	2.49	2.23	1.77	2.20	28.06
.95	2.64	2.38	3.98	4.85	6.16	4.97	4.34	5.76	3.70	2.77	2.08	2.66	30.54
ALPHA	2.09	3.24	2.84	2.06	2.66	2.89	4.09	2.10	1.72	1.65	3.28	2.36	14.61
BETA	.54	.36	.66	1.00	1.06	.81	.55	1.17	.86	.66	.31	.51	1.43
G	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 G = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.17	1.43	2.29	2.70	3.07	2.73	.95	4.18	1.24	2.37	.95	3.64	27.72
1952	.08	.46	3.17	3.32	2.31	1.67	1.69	2.15	.45	.12	2.02	.64	18.08
1953	.84	1.52	.60	1.82	2.50	1.29	2.69	3.10	.53	.54	1.36	1.06	17.85
1954	.79	.17	2.29	.22	1.48	.82	1.57	1.87	2.56	.99	1.08	.67	14.51
1955	.28	.85	2.30	.25	3.56	1.79	3.84	3.67	.84	.77	2.27	1.37	21.79
1956	1.41	1.89	1.07	1.96	2.29	1.22	4.11	1.78	.05	.35	.84	.96	17.93
1957	2.24	1.50	1.00	7.26	5.57	2.01	2.70	2.53	1.31	1.67	.61	.40	26.80
1958	1.05	.51	2.97	2.67	2.93	1.36	.68	2.29	.76	.62	.88	1.65	18.37
1959	.91	1.63	1.93	2.47	3.17	2.51	4.06	1.50	3.52	2.07	.38	T	24.15
1960	.63	1.52	2.48	1.03	3.27	.47	2.13	.62	1.49	1.81	.87	1.95	18.27
1961	.64	1.06	3.17	2.66	3.74	2.81	3.71	3.06	4.49	.59	1.01	.96	27.90
1962	1.32	1.09	.86	1.31	1.63	2.24	1.38	.58	.25	.41	.61	.35	12.03
1963	2.18	1.88	1.66	.50	.63	4.33	1.37	9.96	1.37	.83	.16	.60	25.67
1964	.79	.93	1.63	1.96	2.19	1.49	1.53	.99	1.13	.35	1.00	2.55	16.54
1965	2.41	1.15	3.08	2.78	2.09	6.02	3.35	1.00	1.76	.38	.89	.84	25.75
1966	.28	1.67	.16	1.62	1.53	1.05	1.48	1.70	1.56	.78	.59	.78	13.20
1967	1.45	1.87	2.07	1.60	3.73	2.50	2.85	3.87	1.47	1.59	1.60	2.18	26.78
1968	.44	1.00	.98	1.46	1.61	1.49	1.85	2.62	1.27	.28	1.53	.25	14.78
1969	1.60	.25	.91	1.94	8.95	5.58	.81	.60	1.36	4.03	.35	1.17	27.55
1970	1.02	.79	2.70	1.76	.39	3.40	2.26	1.22	2.26	1.39	1.31	.510	19.01*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							36.4	15.0	26.0	23.0	T	7.0	
51-52	.0	.0	5.0		12.0		.3		48.0			.0	
52-53	T	T	T	1.0							5.0	T	
53-54	.0	.0	.0	T			11.0			4.0	5.0	T	
54-55	.0	.0	1.0	7.0								T	
55-56	.0	T	T	1.0	38.0	19.0			14.0	27.0		.0	
56-57	.0	T	.0	T	18.0			21.0	23.0	78.0	17.0	T	
57-58	.0	T	6.0	T	5.0	7.0	19.0					2.0	
58-59	.0	.0	T	8.0	19.0		15.5				14.0	.0	
59-60	.0	.0	10.0	25.0	5.0	T	12.1				27.0	.0	
60-61	.0	.0	.0	24.0		31.0	12.5	26.5	52.5	45.0	20.0	.0	
61-62	.0	.0	17.0	12.0	26.0	29.0	32.0	30.0	15.0	22.0	T	.0	183.0
62-63	.0	.0	.0	T	12.0	7.0	38.0	20.0	34.0	4.0	.0	T	115.0
63-64	.0	.0	.0		3.0	17.0	17.0	19.0	29.0	31.0	.0	.0	
64-65	.0	.0	T	.0		26.0	35.0	26.0	60.0	39.0	.0	.0	
65-66	.0	.0	6.0	T	2.0	13.0	7.0	34.0	4.0	23.0	8.0	.0	97.0
66-67	.0	.0	.0	6.0	6.0		22.0	34.0	28.0	21.0	.0	.0	
67-68	.0	.0	T		35.0	34.0	8.0	16.0	5.9	26.0	12.0	.0	
68-69	.0	.0	T	3.0	27.0	6.0	33.0	7.0	24.0	19.0	19.0	T	138.0
69-70	.0	.0	.0	81.0	14.0	19.0	18.0	17.0	66.0	31.0	T	T	246.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	31.1	38.9	39.1	46.0M	58.6	63.0	77.4	72.4	65.4	52.6	40.5	31.3	51.4*
1952	35.2	35.0	35.3	49.3	59.4	74.6	75.9	73.3M	69.5	60.1	38.4	36.6	53.6*
1953	41.7	34.5	43.7	45.1	53.9		77.9	72.6	71.1	59.2	53.2	35.1	
1954	37.5	42.8	37.4	56.3	60.8	73.4M	80.0	75.9	69.5	57.3	52.0	40.2	56.9*
1955	34.8	29.3	38.3	51.0	58.6	64.7	76.7M	73.6	69.7	61.7	45.1	38.7	53.5*
1956	42.7	35.7	41.8	50.1	62.1	75.0	74.1	70.5	71.4M	58.4	44.1	41.8	55.6*
1957	30.7M	43.6	40.7	44.1	53.5	68.5	74.4	73.4	65.3	56.4	46.5	52.5	54.1*
1958	49.1	53.0	38.9	46.9	62.6M	70.5	74.7	75.6	68.3	59.3	45.4	38.4	56.9*
1959	34.9	35.1	39.8	48.6M	58.0	72.6M	74.7	73.0	62.8M	51.4	42.3	42.3	53.0*
1960	32.8	28.4	42.9	52.6	59.5	72.2M	75.1M	74.9	67.3	53.5	42.4	34.9	53.0*
1961	37.4	36.5	38.8	44.2	57.6	68.1	71.8	70.9	56.4	53.1M	38.2	28.2	50.1*
1962	33.0	34.6M	36.1	51.7M	59.6M	65.8M	74.6	76.2M	65.9M	57.8M	44.5M	38.5	53.2*
1963	26.3M	36.5M	36.0M	50.6	62.4M	69.2	78.2M	63.2M	66.6M	61.1M	47.3M	34.6	53.2*
1964	29.3	27.3M	33.7	44.8M	58.9M	65.4M	79.5M	71.3M	65.4	56.8M	40.1	33.3M	50.5*
1965	34.4M	33.5	30.7	47.3M	56.4	64.5	74.5M	69.2M	55.7M	56.9M	45.1M	39.1M	50.8*
1966	30.6M	30.1M	45.0	49.8M	62.1M	69.0	79.8M	72.4M	66.2M	53.6	44.6M	36.3M	53.3*
1967	33.4M	33.0M	44.8	51.2M	53.6M	62.7M	72.3M	69.1M	63.4M	55.4M	42.4M	29.6M	50.9*
1968	37.5	36.9M	41.3M	44.2M	54.6M	71.5M	73.6M	68.8M	63.4M	57.7M	37.7M	33.5M	51.7*
1969	36.0M	35.4M	35.3M	52.7M	62.5M	63.0M	76.6M	75.9M	67.3M	43.6M	40.8M		
1970	30.5M	38.8M	34.6M	42.3M	62.7M	67.7M	74.6M	74.7M	62.3M	49.1M	40.0M	35.5M	51.1*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.8	15.3	15.3	22.4M	33.4	35.2	45.3	44.4	35.9	28.7	19.3	15.6	26.9*
1952	16.5	15.0	13.8	23.7	33.1	43.1	45.4	46.6M	39.1	30.3	14.3	17.7	28.2*
1953	22.6	12.5	21.3	20.8	29.3	41.8	46.8	44.0	40.1	30.9	25.7	14.2	29.2
1954	19.9	23.3	14.5	30.6	32.1	39.1M	49.0	44.5	41.4	32.4	24.3	18.9	30.8*
1955	13.5	9.0	15.4	24.3	31.3	36.7	44.9M	46.1	38.4	31.8	19.3	21.0	27.6*
1956	18.4	8.4	16.7	22.7	35.8	41.8	43.2	42.5	38.2M	30.3	18.3	19.2	28.0*
1957	10.5M	21.8	17.6	19.6	30.2	40.2	47.3	45.8	35.0	30.3	16.3	21.6	28.0*
1958	14.9	22.2	11.7	22.4	35.3M	39.6	42.0	46.0	38.7	30.8	23.0	20.0	28.9*
1959	14.3	13.5	17.4	23.7M	32.6	42.4M	42.6	45.4	35.2M	27.2	19.9	16.0	27.5*
1960	8.6	7.4	21.1	27.0	31.6	40.0M	44.1M	43.5	39.7	31.6	23.7	14.6	27.7*
1961	16.2	15.4	19.0	22.9	33.7	40.3	45.6	45.1	35.0	29.7M	17.2	12.5	27.7*
1962	10.2	17.6M	14.6	26.7M	34.1M	37.6M	42.6	41.7M	38.1M	32.0M	23.5M	21.3	28.3*
1963	4.1M	17.9M	14.5M	25.6	33.3M	39.7	47.1M	45.1M	41.0M	35.4M	25.0M	15.0	28.6*
1964	10.5	7.7M	12.1	23.0M	31.8M	37.8M	47.6M	41.3M	35.1	27.2M	19.1	14.0M	25.6*
1965	16.4M	12.0	5.7	26.0M	30.5	38.5	44.5M	41.3M	33.0M	32.4M	27.3M	19.3M	27.2*
1966	13.8M	9.2M	19.5	22.2M	32.3M	39.1	46.4M	41.0M	39.9M	29.5	24.6M	17.1M	27.9*
1967	16.9M	14.3M	23.9	25.3M	30.3M	36.3M	44.0M	42.1M	37.7M	32.4M	21.5M	7.9M	27.7*
1968	17.0	15.8M	19.7M	21.0M	29.6M	39.2M	42.2M	41.7M	36.4M	30.8M	17.2M	13.8M	27.0*
1969	19.3M	16.2M	9.3M	26.4M	33.3M	35.8M	46.4M	45.1M	40.1M	24.4M	19.7M		
1970	17.6M	17.1M	14.4M	20.5M	32.4M	37.2M	45.1M	45.6M	35.2M	24.8M	20.4M	19.4M	27.5*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	21.5	27.1	27.2	34.2M	46.0	49.1	61.4	59.4	50.7	46.7	29.9	23.5	39.1*
1952	25.9	25.0	24.6	36.5	46.3	58.9	60.7	60.0M	54.3	45.2	26.4	27.2	40.9*
1953	32.2	23.5	32.5	33.0	41.6	41.6	62.4	58.3	55.6	45.1	39.5	24.7	43.9*
1954	28.7	33.1	26.0	43.5	46.5	56.3M	64.5	60.2	55.5	44.9	38.2	29.6	40.6*
1955	24.2	19.2	26.9	37.7	45.0	50.7	60.8M	59.9	54.1	46.8	32.2	29.9	40.6*
1956	30.6	22.1	29.3	36.4	49.0	58.4	58.7	56.5	54.8M	44.4	31.2	30.5	41.8*
1957	20.6M	32.7	29.2	31.9	41.9	54.4	60.9	59.6	50.2	43.4	31.4	37.1	41.1*
1958	32.0	37.6	25.3	34.7	49.0M	55.1	58.4	60.8	53.5	45.1	34.2	29.2	42.9*
1959	24.6	24.3	28.6	36.2M	45.3	57.5M	58.7	59.2	49.0M	39.3	31.1	29.2	40.3*
1960	20.7	17.9	32.0	39.8	45.6	56.1M	59.6M	59.2	53.5	42.6	33.1	24.8	40.4*
1961	26.8	26.0	28.9	33.6	45.7	54.2	58.7	58.0	45.7	41.4M	27.7	20.4	38.9*
1962	21.6	26.1M	25.4	39.2M	46.9M	51.7M	58.6	59.0M	52.0M	44.9M	34.0M	29.9	40.8*
1963	15.2M	27.2M	25.3M	38.1	47.9M	54.5	62.7M	57.2M	53.8M	48.3M	36.2M	24.8	40.9*
1964	19.9	17.5M	22.9	33.9M	45.4M	51.6M	63.6M	56.3M	50.3	42.0M	29.6	23.7M	38.1*
1965	25.4M	22.8	18.2	36.7M	43.5	51.5	59.5M	55.3M	44.4M	45.7M	36.2M	29.2M	39.0*
1966	22.2M	19.7M	32.3	36.0M	47.2M	54.1	63.1M	56.7M	53.1M	41.6	34.6M	26.7M	40.6*
1967	25.2M	23.7M	34.4	38.3M	42.0M	49.5M	58.2M	55.6M	50.6M	43.9M	32.0M	18.8M	39.4*
1968	27.3	26.4M	30.5M	32.6M	42.1M	55.4M	57.9M	55.3M	49.9M	44.3M	27.5M	23.7M	39.4*
1969	27.7M	25.8M	22.3M	39.6M	47.9M	49.4M	61.5M	60.5M	53.7M	34.0M	30.3M	27.5M	39.4*
1970	24.1M	28.0M	24.5M	31.4M	47.6M	52.5M	59.9M	60.2M	48.8M	37.0M	30.2M	27.5M	39.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ALTENBURN

05 214 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	36.1	8.1	22.1	54.	1970	27	-32.	1963	13	0.0	9.7	30.3	8.4	1.50	1.45	1954	25	17.2	50.	1952	26	4.4	.6	.1
FEB	42.6	15.6	29.1	62.	1962	11	-20.	1962	28	0.0	2.8	27.6	2.5	1.23	1.09	1954	14	11.5	46.	1952	1	3.9	.5	.1
MAR	50.5	20.6	35.6	73.	1966	31	-11.	1966	4	0.0	1.1	29.4	.8	1.27	.82	1970	2	9.4	54.	1952	5	4.0	.1	0.0
APR	61.5	29.0	45.3	82.	1962	19	5.	1963	3	0.0	0.0	22.1	0.0	1.33	.77	1957	25	3.3	6.	1951	1	4.6	.3	0.0
MAY	73.3	36.7	55.0	89.	1969	29	20.	1968	7	0.0	0.0	7.1	0.0	1.16	.96	1955	8	.4	0.	0	0	3.7	.2	0.0
JUN	82.5	42.9	62.7	99.	1961	22	30.	1962	9	6.5	0.0	.5	0.0	1.04	1.32	1969	24	0.0	0.	0	0	3.0	.4	.1
JUL	90.2	49.9	70.1	101.	1960	26	37.	1968	1	18.4	0.0	0.0	0.0	1.14	.77	1956	31	0.0	0.	0	0	3.4	.6	0.0
AUG	85.9	48.2	67.1	97.	1969	9	28.	1964	28	9.5	0.0	.3	0.0	2.17	1.55	1951	29	0.0	0.	0	0	5.2	1.2	.2
SEP	77.0	39.6	58.3	94.	1959	7	24.	1970	26	1.0	0.0	3.9	0.0	1.26	1.46	1961	22	.4	3.	1965	18	3.8	.9	.2
OCT	66.5	30.0	48.3	86.	1963	1	11.	1960	30	0.0	0.0	21.1	0.0	1.15	1.35	1957	13	.5	0.	0	0	3.6	.5	.1
NOV	51.2	21.5	36.4	71.	1958	9	2.	1969	18	0.0	.3	27.6	0.0	1.22	.88	1970	26	7.3	10.	1954	30	3.8	.6	0.0
DEC	38.9	12.5	25.7	59.	1958	9	-23.	1962	26	0.0	7.1	30.5	3.4	1.34	1.66	1966	6	14.3	32.	1951	31	3.9	.5	.1
ANNUAL	62.9	29.4	46.2							35.	21.	200.	15.	15.8				64.				47.	7.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.21	.19	.50	.18	0.00	.30	.58	0.00	0.00	.40	.22	10.02
.10	.36	.32	.30	.62	.27	.17	.41	.78	.11	0.00	.52	.34	11.09
.20	.64	.49	.48	.80	.44	.34	.57	1.10	.29	.44	.69	.53	12.49
.30	.86	.66	.65	.95	.60	.50	.72	1.37	.47	.68	.83	.71	13.57
.40	1.08	.84	.82	1.03	.77	.67	.86	1.64	.68	.82	.90	.80	14.54
.50	1.31	1.02	1.01	1.09	.95	.85	1.01	1.92	.91	1.01	1.11	1.11	15.49
.60	1.55	1.24	1.23	1.30	1.17	1.05	1.18	2.24	1.19	1.22	1.27	1.34	16.48
.70	1.86	1.50	1.55	1.57	1.42	1.30	1.38	2.61	1.55	1.47	1.45	1.63	17.58
.80	2.26	1.84	1.93	1.80	1.77	1.63	1.63	3.10	2.09	1.79	1.69	2.01	18.94
.90	2.89	2.40	2.55	2.16	2.33	2.17	2.04	3.86	2.87	2.29	2.05	2.63	20.92
.95	3.48	2.94	3.14	2.48	2.68	2.69	2.42	4.58	3.68	2.77	2.39	3.23	22.67
ALPHA	2.43	1.94	1.76	4.63	1.77	1.73	2.87	2.92	1.19	2.50	3.83	1.89	16.66
BETA	.65	.63	.72	.29	.66	.63	.40	.74	1.12	.51	.32	.71	.95
Q	.05	0.00	0.00	0.00	0.00	.05	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.02	1.19	.78	2.80	1.89	.86	1.00	3.76	.19	2.45	1.29	4.80	22.03
1952	2.82	.91	3.03	.63	.78	1.22	1.06	3.93	.26	.00	.55	.89	16.08
1953	1.53	.26	2.15	1.16	1.65	.57	1.29	2.06	.06	1.69	1.77	.43	14.62
1954	2.16	1.19	2.11	1.04	.63	.59	1.25	1.82	2.66	1.65	1.37	.89	17.39
1955	1.86	1.92	.07	.66	1.60	.63	1.16	2.59	.58	.45	2.25	1.37	15.14
1956	2.27	1.40	.16	1.13	.72	.22	1.11	1.13	.00	.98	.30	.84	10.26
1957	3.55	1.68	1.89	2.64	3.65	2.12	1.55	4.01	.33	3.06	2.37	.93	27.78
1958	.29	1.70	2.04	.90	.48	T	.24	.32	2.41	.23	1.24	.36	10.21
1959	.59	2.06	.53	1.05	.41	1.68	.53	2.75	1.90	1.13	.52	1.39	14.94
1960	1.03	1.83	1.61	1.14	.52	.53	.32	.73	1.08	1.02	1.32	.79	11.92
1961	.00	.37	1.90	1.17	1.75	.13	1.22	2.16	4.75	1.33	1.24	.77	16.79
1962	2.05	3.86	.62	.92	.80	.49	.26	.66	1.56	.45	.62	.53	12.82
1963	1.52	.96	1.19	1.62	.10	.99	.72	3.31	1.23	.55	.96	.20	13.35
1964	1.10	.16	1.42	1.65	.93	.96	1.38	1.62	.80	.00	1.47	2.51	14.00
1965	1.09	.47	1.26	2.71	2.14	1.78	2.73	2.63	2.76	.40	1.88	1.91	21.76
1966	.39	1.29	.74	.60	1.19	.26	.94	1.16	.29	1.33	.76	3.77	12.72
1967	1.16	.20	.77	.94	2.00	2.59	2.55	2.32	1.10	.85	.63	1.82	16.93
1968	.51	1.41	.86	1.63	1.36	.47	1.50	3.70	.23	1.48	.75	1.00	14.90
1969	4.02	1.13	.25	.62	.57	3.45	.56	1.65	1.45	2.76	.92	.63	18.01
1970	.61	.53	2.04	1.56	.13	1.28	1.39	1.01	1.57	1.25	2.15	.89	14.41

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							23.5	18.5	9.5	3.5	.0	T	
51-52	.0	.0	.0	3.0	10.0	47.1	29.9	19.7	42.9	.0	.0	T	152.6
52-53	.0	.0	.0	.0	4.5	15.6	10.5	3.5	7.0	2.5	T	.0	43.6
53-54	.0	.0	T	1.0	6.0	6.1	7.7	T	18.1	T	.0	.0	38.9
54-55	.0	.0	T	.0	10.2	3.0	22.5	28.0	T	4.0	.0	.0	67.7
55-56	.0	.0	.0	.0	23.3	3.8	4.9	17.4			.0	.0	
56-57	.0	.0	.0	1.8	5.6	11.7	53.7	T	8.4		.0	.0	
57-58	.0	.0	.0	.0	5.0	8.0	5.3	4.3	5.5	4.0	.0	.0	32.1
58-59	.0	.0	.0	.0	8.9	5.5	14.8	20.0	T		.0	.0	
59-60	.0	.0	.0	T	4.5	17.5	16.5	31.5	12.0	4.0	7.0	.0	93.0
60-61	.0	.0	.0	T	10.5	4.5	.0	2.0	17.3	4.0	.0	.0	38.3
61-62	.0	.0	.0	.5	7.6	17.0	31.5	29.0	1.5	2.5	.0	.0	89.6
62-63	.0	.0	.0	.0	3.0	14.0	14.8	1.0	5.8	13.0	.0	.0	51.6
63-64	.0	.0	.0	.0	2.0		24.9	3.5		2.0	.0	.0	
64-65	.0	.0	.0	.0	18.9	14.2	18.0	11.0	10.0	T	.0	.0	72.1
65-66	.0	.0	9.0	.0	5.4	16.7	6.8		13.5	4.0	T	.0	
66-67	.0	.0	.0	T	T	20.0	20.5	1.0	3.3	3.0	.0	.0	47.8
67-68	.0	.0	.0	T	9.0	33.3	10.0	9.0	T	1.0	T	.0	62.3
68-69	.0	.0	.0	.0	5.1	15.5	22.4	15.8	7.0	T	.0	.0	66.8
69-70	.0	.0	.0	1.0	5.8	6.5	5.5	2.0	6.7	8.4	.5	.0	36.4

ALTON BURN

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									77.6M	71.0	52.6	45.8	
1959	38.1	42.8	52.2M	64.2	73.3	88.1	91.8M	86.3	76.1	64.9	50.9	42.7	64.3*
1960	36.1	35.9	53.1	65.3	73.7	87.5	92.6	90.3	81.2	66.3	52.2	40.4	64.6
1961	42.5	47.6	50.6	60.8	74.2	88.7	91.2	88.4	70.0	64.7	47.2	34.3	63.4
1962	34.3	43.9	47.0	67.5	71.9	83.4	89.3	89.5	79.8	69.6	56.1	43.1	64.6
1963	29.1	48.8	52.0	62.0	78.5	83.6	94.4	83.8	82.6	73.8	54.0	39.0	65.1
1964	34.9	37.3	44.1	59.0	73.0	82.4	94.8	85.5	80.0	73.6	46.7	35.6	62.2
1965	39.7	41.0	46.3	59.0	68.5	77.4	87.9	84.0	70.1	70.9	54.1	40.2	61.6
1966	35.1	37.6	55.6	63.8	76.0	82.2	90.3M	86.6	79.5	64.1	53.6	36.4	63.4*
1967	35.2	43.5	56.3	60.4	69.8	75.8	86.7	85.0	77.1	67.0M	54.5	31.0	61.9*
1968	33.4	42.7	53.7	55.5	68.3	83.4	87.5	77.8M	75.4	65.7	45.1	35.5	60.3*
1969	37.4	40.5	47.1	66.2	77.9	77.2	88.1	87.3	77.3M	55.0	48.7	41.2	62.0*
1970	37.6	50.2	47.8	54.9	74.5	80.1	87.9	86.9	74.2	57.6	50.1	39.9	61.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959	9.5	16.8	21.0M	27.8	37.0	43.5	47.2M	48.0	38.2M	29.4	19.6	18.2	29.3*
1960	9.3	8.1	20.9	28.1	33.6	42.0	48.4	44.7	42.7	30.3	20.5	12.1	28.4
1961	5.5	17.0	22.9	27.1	36.5	44.8	50.6	53.2	37.6	30.2	21.2	9.1	29.6
1962	5.0	21.2	17.3	31.6	33.9	41.6	45.5	43.3	37.7	31.2	24.5	11.7	28.7
1963	4	20.5	19.7	30.0	38.5	41.5	49.5	43.9	42.0	33.4	21.7	8.5	29.6
1964	1.9	5.4	13.8	28.7	34.7	41.4	49.8	45.5	37.1	29.1	19.1	12.4M	26.6*
1965	14.9	14.6	18.8	30.7	35.7	40.1	48.4	45.3	34.8	28.1	27.3	16.1	29.6
1966	8.2	9.9	20.0	28.8	39.1	44.3	52.9M	48.5	41.4	29.2	24.7	11.5	29.9*
1967	9.1	15.0	25.9	28.9	36.3	42.1	51.4	47.8	40.9	29.6M	17.6M	8.1	29.4*
1968	3.6	21.0	24.5	27.4	36.4	45.1	51.5	47.7M	38.7	32.9	22.3	7.6	29.9*
1969	15.6	15.9	19.7	32.8	40.5	44.1	52.5	52.8	44.8M	30.0	19.1	16.7	32.0*
1970	14.9	21.2	22.5	26.4	37.9	44.1	51.1	51.4	40.3	28.4	24.8	15.4	31.5

ALTENEURN

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									57.9M	50.2	36.1	32.0	
1959	23.8	29.8	36.6M	46.0	55.2	65.8	69.5M	67.2	57.6	46.8	34.3	28.8	46.8*
1960	22.7	22.0	37.0	46.7	53.7	64.8	70.5	67.5	62.0	48.3	36.4	26.3	46.5
1961	24.0	32.3	36.8	44.0	55.4	66.8	70.9	70.8	53.8	47.5	34.2	21.7	46.5
1962	19.7	32.6	32.2	49.6	52.9	62.5	67.4	66.4	58.8	50.4	40.3	27.4	46.7
1963	14.4	34.7	35.9	46.0	58.5	62.6	72.0	66.9	62.3	53.6	37.9	23.8	47.4
1964	18.4	21.4	29.0	43.9	53.9	61.9	72.3	65.5	58.6	51.4	32.9	24.0M	44.4*
1965	27.3	27.8	32.6	44.9	52.1	58.8	68.2	64.7	52.5	49.5	40.7	28.2	45.6
1966	21.7	23.8	37.8	46.3	57.6	63.3	71.6M	67.6	60.5	46.7	39.2	24.0	46.7
1967	22.2	29.3	41.1	44.7	53.1	59.0	69.1	66.4	59.0	48.3M	36.1M	19.6	45.7
1968	18.5	31.9	39.1	41.5	52.4	64.3	69.5	62.8M	57.1	49.3	33.7	21.6	45.1*
1969	26.5	28.2	33.4	49.5	59.2	60.7	70.3	70.1	61.1M	42.5	33.9	29.0	47.0*
1970	26.3	35.7	35.2	40.7	56.2	62.1	69.5	69.2	57.3	43.0	37.5	27.7	46.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

AMES

05 220 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	60 OR ABOVE		52 OR BELOW		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE		
										60 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.														1.94	1.07	1956	20	52.0	40.	1952	26	5.4	.9	.1
FEB														1.75	1.05	1960	9	20.5	52.	1969	16	5.0	.7	.1
MAR														1.80	1.30	1965	24	52.7	55.	1960	5	6.0	.5	.1
APR														2.14	1.05	1950	4	22.6	62.	1950	9	6.7	.9	.1
MAY														1.82	1.31	1962	27	6.4	9.	1950	1	5.2	.8	.1
JUN.														1.95	1.14	1969	24	.5	0.	0	0	5.2	.5	.1
JUL														2.07	1.14	1965	31	0.0	0.	0	0	9.2	1.1	.1
AUG														3.26	1.02	1957	30	0.0	0.	0	0	10.4	1.4	.1
SEP														2.65	1.62	1970	6	1.0	4.	1961	3	7.1	1.7	.4
OCT														2.57	2.55	1969	3	0.4	20.	1969	4	5.4	1.6	.3
NOV														1.71	1.17	1964	16	22.0	21.	1970	27	4.9	.6	.1
DEC														1.90	2.75	1966	6	27.5	41.	1951	31	5.5	.8	.3
ANNUAL														25.0				102.				77.	11.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.54	.53	.60	.81	.49	.24	1.19	1.75	.49	0.00	.70	.47	19.47
.10	.72	.69	.78	1.01	.66	.36	1.46	2.01	.72	.33	.85	.66	20.73
.20	.90	.94	1.07	1.29	.92	.55	1.65	2.36	1.11	.72	1.08	.95	22.33
.30	1.00	1.06	1.20	1.53	1.06	.74	1.87	2.64	1.26	.83	1.26	1.21	23.53
.40	1.00	1.09	1.24	1.76	1.16	.92	2.17	2.90	1.46	.87	1.43	1.47	24.59
.50	1.00	1.10	1.24	1.99	1.26	1.13	2.48	3.15	1.66	.92	1.60	1.74	25.61
.60	1.00	1.11	1.24	2.24	1.36	1.33	2.78	3.41	1.87	1.07	1.79	1.95	26.66
.70	1.00	1.10	1.26	2.53	1.46	1.64	3.50	3.72	2.21	1.24	2.01	2.41	27.81
.80	1.00	1.10	1.46	2.90	1.61	2.02	3.99	4.09	2.43	1.44	2.28	2.89	29.20
.90	1.00	1.10	1.72	3.47	1.76	2.62	4.73	4.65	3.09	1.64	2.70	3.65	31.20
.95	1.00	1.10	2.00	3.99	1.99	3.20	5.41	5.14	3.20	1.83	3.08	4.37	32.92
ALPHA	3.06	3.36	3.61	4.67	2.93	1.99	5.13	9.74	2.06	1.57	5.33	2.59	39.66
BETA	.64	.52	.52	.46	.62	.68	.58	.33	1.28	1.59	.32	.77	.65
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

AMES

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.72	1.36	.80	1.63	2.00	.21	1.07	3.30	1.63	1.96	3.02	4.66	24.36
1952	3.31	1.94	2.61	2.76	2.51	.60	3.41	3.31	2.52	.80	1.81	1.82	27.00
1953	2.09	.81	2.13	2.26	3.52	1.09	5.49	2.85	1.85	4.82	1.66	.83	29.40
1954	.47	.64	1.95	1.35	2.02	1.12	3.57	1.79	4.37	2.06	1.29	1.50	22.13
1955	1.40	2.51	1.04	2.78	3.35	1.16	1.98	3.75	.59	.31	1.88	2.80	23.55
1956	4.52	1.67	1.48	1.60	1.34	1.39	2.63	2.06	.21	1.08	1.01	1.39	20.58
1957	4.59	4.60	3.02	4.21	4.13	1.54	3.98	4.23	.63	4.33	3.320	1.60	37.18*
1958	2.05	3.97	2.74	3.37	.50	.76	1.01	2.72	2.72	1.24	1.12	.68	22.88
1959	.56	1.62	.80	2.91	1.41	.40	2.37	3.69	2.97	2.63	.98	1.50	22.24
1960	1.77	2.61	2.60	2.200	.86	.99	1.78	1.91	3.32	4.09	1.49	1.650	25.27*
1961	.510	1.74	3.73	2.06	1.42	.62	1.94	3.56	4.92	4.46	2.15	.98	28.49*
1962	1.42	3.18	1.51	1.00	2.48	1.01	2.92	1.54	3.16	1.73	1.62	.56	22.13
1963	2.00	2.26	2.78	.53	.92	1.37	2.70	5.53	1.62	2.91	1.07	.86	24.55
1964	1.25	.60	2.11	2.31	1.20	.50	2.20	3.08	3.68	.05	3.000	2.70	22.68*
1965	1.74	1.08	3.12	3.28	2.41	1.24	6.01	3.97	4.74	1.78	2.50	3.08	34.95
1966	.77	.95	.73	1.28	2.10	2.30	2.25	3.13	1.80	1.50	1.32	6.39	24.52
1967	1.47	.92	.69	1.23	1.86	3.19	3.13	3.80	2.62	1.12	.66	3.18	23.87
1968	1.06	2.52	.70	3.200	1.35	.31	5.05	3.80	.53	1.61	.87	1.24	22.24*
1969	3.46	2.40	.98	1.10	.85	4.48	2.50	2.23	3.24	6.28	1.11	1.11	29.74
1970	.89	.44	2.31	1.74	.27	2.63	3.08	4.92	5.58	3.37	2.30	1.29	28.82

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							29.1	18.6	14.3	12.0	6.0	.0	
51-52	.0	T	.0	7.0	34.0	64.5	45.0	30.2	39.5	14.0	7.5	.0	241.7
52-53	.0	.0	.0	.0	20.5	27.5	27.0	12.1	28.2	23.5	8.5	T	147.3
53-54	.0	T	.0	13.0		14.0	9.0	12.0	25.0	7.0	13.0	.5	
54-55	.0	.0	T	T	17.5	11.0	19.0	36.0	17.5	35.0	3.5	1.0	140.5
55-56	.0	T	.0	4.0	42.5	42.0	75.7	23.5	23.0	22.1	4.0	.0	236.8
56-57	.0	.0	.0	11.0	13.5	15.1	55.8	22.6	51.3	53.5	27.5	.5	250.8
57-58	.0	.0	T	15.0		24.0	35.9	57.5	38.9	47.0	T	.0	
58-59	.0	.0	.0	T	14.0	11.5	15.0	42.1	22.0	13.0	T	.0	117.6
59-60	.0	.0	10.0		12.5	17.0	31.0	37.5	46.0		3.5	.0	
60-61	.0	.0	.0	10.5	13.5			22.0	60.0	23.0	19.0	.0	
61-62	.0	.0	6.0	15.0	42.0	20.0	17.0	73.0	29.0	2.0	5.0	.0	209.0
62-63	.0	.0	.0	6.0	18.0	13.0	34.0	35.0	43.0	7.5	.0	.0	156.5
63-64	.0	.0	.0	13.0	21.7	13.5	37.0	10.5	44.8	23.0		.0	
64-65	.0	.0	.0	.0		38.0	31.0	17.0	45.0	37.0	14.0	.0	
65-66	.0	.0	4.0	16.0	20.0	47.0	23.0	15.0		16.2	10.0	.0	
66-67	.0	.0	.0	3.0	25.0	44.0	27.0	16.0	10.0	20.0	1.0	.0	146.0
67-68	.0	.0	.0	9.0	19.0	40.5	23.0	29.5	14.0	39.0	T	T	174.0
68-69	.0	.0	.0	7.0	13.0	22.0	56.0	48.0	17.0	7.0	.0	T	170.0
69-70	.0	.0	.0			28.5	17.2	12.8	53.5	28.4	T	3.0	

CLIMATOLOGY REPORT NO. 77-1

AMY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)											
	MEAN'S		EXTREMES						MEAN NO OF DAYS							SNOW, SLEET			MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	10 OR MORE	50 OR MORE	1.00 OR MORE	
									90 OR ABOVE	52 OR BELOW													32 OR BELOW
JAN												.25	.75	1960	14	4.4					1.1	.1	0.0
FEB												.21	.65	1960	14	3.4	1.	1967	10	.9	.1	0.0	
MAR												.50	.55	1963	10	6.3				1.9	.1	0.0	
APR												.80	2.28	1957	2	2.3	8.	1953	11	1.6	.4	.1	
MAY												1.67	1.43	1957	24	0.0	0.	0	0	4.1	1.2	.3	
JUN												1.34	1.91	1965	16	0.0	0.	0	0	3.4	.8	.2	
JUL												2.49	1.89	1967	12	0.0	0.	0	0	5.5	2.1	.5	
AUG												1.72	3.28	1965	19	0.0	0.	0	0	3.6	1.3	.3	
SEP												1.05	1.64	1963	7	.6	4.	1959	30	2.5	.8	.1	
OCT												.76	1.60	1960	18	1.2	3.	1958	29	1.9	.6	.1	
NOV												.35	.66	1962	16	2.4				1.0	.1	0.0	
DEC												.18	.40	1960	11	2.4	3.	1954	27	.9	0.0	0.0	
ANNUAL												11.3				25.				28.	7.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.33	0.00	.88	.33	0.00	0.00	0.00	0.00	6.58
.10	0.00	0.00	.14	0.00	.49	.35	1.11	.49	.20	0.00	0.00	0.00	7.43
.20	.03	0.00	.23	.12	.73	.60	1.45	.74	.39	.05	0.00	0.00	8.56
.30	.08	.05	.30	.25	.96	.80	1.74	.97	.55	.17	.10	.03	9.44
.40	.12	.09	.37	.39	1.18	.99	2.01	1.21	.71	.31	.17	.08	10.24
.50	.18	.14	.44	.53	1.43	1.19	2.29	1.46	.98	.47	.24	.12	11.03
.60	.24	.19	.52	.75	1.70	1.41	2.60	1.75	1.08	.67	.33	.17	11.80
.70	.32	.26	.61	.99	2.03	1.66	2.96	2.09	1.31	.83	.47	.23	12.54
.80	.42	.36	.74	1.34	2.47	2.00	3.41	2.55	1.52	1.02	.67	.31	13.29
.90	.50	.52	.92	1.92	3.18	2.53	4.11	3.29	2.02	1.30	.80	.44	14.04
.95	.58	.68	1.10	2.49	3.84	3.03	4.76	3.99	2.59	2.57	1.02	.56	14.71
ALPHA	1.26	1.20	2.83	1.11	2.21	2.66	4.21	2.15	2.01	.97	1.49	1.48	12.24
BETA	.73	.21	.18	.80	.76	.53	.59	.80	.55	.92	.28	.16	.93
0	.15	.20	.05	.10	0.00	.05	0.00	0.00	.05	.15	.20	.25	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING 75% PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

AMY

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.34	.29	.16	1.20	1.26	2.77	3.22	1.44	.33	1.39	.74	.10	13.24
1952	.04	.05	.40	1.35	1.69	.00	.55	3.09	1.30	.00	.68	.15	9.30
1953	.15	.15	.42	1.13	1.81	1.09	2.91	.60	.00	.91	.85	.05	10.07
1954	.37	T	.12	.04	1.82	.52	1.48	2.58	.20	.88	.03	.20	8.24
1955	.06	.12	.32	.00	1.60	.35	1.42	2.01	.92	.05	.05	.06	6.90
1956	.49	.09	.40	.15	1.03	1.10	2.39	1.05	.24	.03	.45	.06	7.48
1957	.26	.00	.22	4.67	6.40	1.46	3.49	1.72	.81	1.00	.79	.07	20.89
1958	.20	.10	.84	1.39	2.82	1.47	2.44	.91	1.16	.95	.37	T	12.65
1959	.31	.38	.33	1.38	1.68	1.50	1.30	.87	2.38	1.58	T	T	11.71
1960	.95	1.13	.55	.43	1.92	1.07	2.07	.11	.70	2.35	T	1.15	12.43
1961	T	.40	1.29D	.44	.95	1.40	1.12	2.13	2.03	.10	.42	.35	10.63*
1962	.55	.10	.51	.29	1.70	.92	4.08	.62	.33	.13	.76	.05	10.04
1963	.40	.07	.93	.00D	.60	1.01	1.97		3.26	.21	.20	.23	
1964	.03	.05	.67	.16	1.45	.31	1.83	2.04	.70	.00	.16	T	7.40
1965	.02	.75	.80	.27	1.50	4.23	3.04	6.03	1.16	.69	.00	.15	18.64
1966	.45	.22	T	.35	.20	.78	3.62	1.72	2.37	.40	.00	.17	10.28
1967	.34	.05	.15	.38	1.52	2.90	5.09	1.64	.90	.35	.36	.30	13.98
1968	.00	.19	.34	.57	1.33	.80	4.29	1.47	.55	.00	.44	.28	10.26
1969	.08	.00	.70	.52	1.94	1.62	1.77	1.33	.63	2.68	.05	.22	11.54
1970	T	.00	.77	1.35	.20	1.51D	1.69	1.30	1.09E	1.58	.30	.00	9.79*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.0	4.0		.0	.0	T	
51-52	.0	.0	T	.0	10.0	.0			8.0	.0	.0	.0	
52-53	.0	.0	.0	.0		2.0	.0	3.0	4.5		.0	T	
53-54	.0	.0	.0	.0				.0		.0	.0	.0	
54-55	.0	T	.0	.0	.0	3.0	1.0	2.0		.0	T	.0	
55-56	.0	.0	.0	1.0	1.0	.0			7.0	2.0	.0	.0	
56-57	.0	.0	.0	.0	6.0	2.0	4.0	.0		18.0	.0	.0	
57-58	.0	.0	.0	.0	.0	.0	5.0		9.0		.0	.0	
58-59	.0	.0	.0	3.0	5.0	T				13.0	.0	.0	
59-60	.0	.0	12.0	12.0	T	.0	18.0	22.0	7.0	T	.0	.0	71.0
60-61	.0	.0	.0		T	12.0		8.0		.0	.0	.0	
61-62	.0	.0	.0	.0	5.0	6.5	11.0	2.0	5.0		.0	.0	
62-63	.0	.0	.0	.0	6.0		5.5	1.0	13.0	.0	.0	.0	
63-64	.0	.0	.0	2.0	2.0	5.0	.5	1.0	8.5	3.0	.0	.0	22.0
64-65	.0	.0	.0	.0	3.0	T	1.0			.0	.0	.0	
65-66	.0	.0	.0	.0	.0	.0	6.0		.0		.0	.0	
66-67	.0	.0	.0	.0	.0	2.0	8.0	1.0		.0	.0	.0	
67-68	.0	.0	.0	.0	.0	6.0	.0		3.0	T	.0	.0	
68-69	.0	.0	.0	.0	.0		.5	.0	4.0	.0	.0	.0	
69-70	.0	.0	.0		.5	2.2	.0	.0		1.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR	TEMPERATURE (F)										PRECIPITATION (INCHES)																
	SEAS		EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS												
	AVERAGE	MAXIMUM	RECORD	HIGHEST	RECORD	LOWEST	YEAR	DAY	RECORD	LOWEST	YEAR	DAY	90 OR ABOVE	82 OR BELOW	52 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
	MONTHLY	MONTHLY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR
JAN.																	.18	.31	1960	17	2.0	4.	1966	22	.7	0.0	0.0
FEB																	.13	.23	1960	14	1.0	4.	1965	11	.4	0.0	0.0
MAR																	.27	.33	1961	17	4.5	6.	1963	10	.8	0.0	0.0
APR																	.66	1.00	1953	24	1.7	1.	1964	4	1.3	.3	0.0
MAY																	1.66	1.74	1960	15	.3	0.	0	0	4.1	.9	.4
JUN																	1.71	2.03	1965	17	0.0	0.	0	0	3.8	.8	.3
JUL																	2.60	2.96	1970	20	0.0	0.	0	0	5.6	1.8	.7
AUG																	2.20	3.29	1965	19	0.0	0.	0	0	3.9	1.5	.4
SEP																	.84	.98	1966	3	.2	0.	0	0	2.2	.5	0.0
OCT																	.55	1.22	1960	18	1.1	2.	1970	26	1.6	.3	.1
NOV																	.21	.47	0	0	1.6	3.	1958	28	.6	0.0	0.0
DEC																	.15	.36	1960	5	1.5	3.	1968	21	.6	0.0	0.0
ANNUAL																	11.4				14.				25.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.50	.23	.55	.59	0.00	0.00	0.00	0.00	6.87
.10	0.00	0.00	0.00	0.00	.68	.37	.79	.80	.16	0.00	0.00	0.00	7.48
.20	0.00	0.00	.11	.07	.95	.62	1.17	1.12	.31	.07	0.00	0.00	8.75
.30	.04	.00	.16	.16	1.18	.85	1.52	1.40	.44	.17	.06	.04	9.59
.40	.09	.03	.20	.27	1.42	1.10	1.87	1.67	.57	.28	.10	.08	10.34
.50	.13	.07	.26	.40	1.66	1.38	2.24	1.96	.70	.40	.15	.11	11.08
.60	.18	.11	.39	.57	1.93	1.70	2.65	2.27	.86	.53	.21	.15	11.85
.70	.23	.17	.54	.79	2.24	2.09	3.15	2.65	1.04	.70	.27	.20	12.72
.80	.31	.23	.61	1.11	2.66	2.62	3.82	3.14	1.29	.93	.36	.27	13.78
.90	.43	.34	.91	1.65	3.31	3.49	4.87	3.91	1.69	1.31	.51	.37	15.36
.95	.54	.44	.61	2.20	3.91	4.33	5.87	4.63	2.07	1.68	.65	.46	16.74
ALPHA	1.68	1.47	2.93	.89	2.98	1.64	2.34	2.97	2.00	1.32	1.44	1.75	14.06
BETA	.14	.13	.10	.92	.62	1.04	1.11	.74	.44	.49	.18	.32	.81
Q	.25	.35	.10	.10	0.00	0.00	0.00	0.00	.05	.15	.20	.25	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.28	.19	.15	1.29	3.00	4.25	2.64	1.29	.74	.54	.52	.14	15.03
1952	.11	.13	.15	1.95	.69	.21	.53	3.65	1.06	.13	.45	T	9.06
1953	.10	.20	.21	1.91	2.25	.69	1.10	3.01	.33	.87	.52	.580	11.77*
1954	.20	T	.37	T	1.04	.48	2.28	5.02	T	.73	.01	.30	10.43
1955	.08	.10	T	.21	1.25	3.22	.30	1.57	.60	T	.05	T	7.38
1956	.48	T	.11	.05	.49	.63	2.82	.99	.08	.20	.25	.13	6.23
1957	.15	T	.37	2.28	2.69	.51	6.12	1.34	.44	.47	.58	.23	15.18
1958	.43	T	.68	.75	1.55	2.83	3.77	1.89	.70	.85	.20	.06	13.71
1959	.38	.12	.22	.20	2.30	1.24	1.64	2.92	1.57	.60	T	.10	11.29
1960	.46	.89	.29	.58	2.44	.92	1.98	.56	.42	1.59	T	.44	10.57
1961	T	.25	.57	.370	1.47	1.32	2.10	1.05	.88	.00	.47	.46	8.94*
1962	.36	.04	.30	.11	2.12	2.900	4.31	.84	.78	.11	.32	T	12.19*
1963	.10	T	.60	.02	.94	1.22	1.54	2.49	.77	.06	.13	.09	7.96
1964	.01	.05	.19	.41	3.22	.50	.93	1.13	.42	T	.15	T	7.01
1965	T	.17	.30	T	.85	4.53	2.59	6.31	1.58	.95	.00	.22	17.50
1966	.27	.19	T	.54	.34	.83	3.05	1.85	2.88	.19	T	.05	10.19
1967	.10	T	.04	.03	3.59	2.71	2.05	2.56	1.83	.22	.07	.05	13.25
1968	T	.15	.25	.48	1.36	.48	6.44	2.12	.23	.20	.29	.07	12.07
1969	T	.03	.20	1.17	3.17	1.68	1.60	1.99	.87	2.03	.08	.12	12.94
1970	T	T	.33	.81	2.45	3.11	4.13	1.39	.57	1.30	.14	T	14.23

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.0	2.0	2.5	3.5	.0	T	
51-52	.0	T		T		T		T		2.0	.0	T	
52-53	.0	.0	.0	1.0	3.0	T	.0		1.8	4.0	T	.0	
53-54	.0	.0	.0	T			2.0	T			6.0	.0	
54-55	.0	T	.0	.0	T	3.0	T				T	T	
55-56	.0	.0	.0	T	.5	T	8.0			1.0	.0	.0	
56-57	.0	.0	.0	T			T	T	.7		T	.0	
57-58	.0	.0	.0	T	2.0	2.0	T		5.0	5.0	.0	.0	14.0
58-59	.0	.0	.0	.0	3.5	1.0	2.5			3.2	.0	.0	
59-60	.0	.0	3.5	4.0	T	1.5	5.0		6.1	.0	.0	.0	
60-61	.0	.0	.0	T	T		T				.0	.0	
61-62	.0	.0	.0	.0	5.0	3.0	8.0			.0	.0	.0	
62-63	.0	.0	T	.0	1.0	T	1.0	.0	8.5	.0	.0	.0	10.5
63-64	.0	.0	.0	T	.7	3.0	T	T	6.5	5.5	T	.0	15.7
64-65	.0	.0	.0	.0	4.5	T	T	7.0	10.0	T	.0	.0	21.5
65-66	.0	.0	T	.0	.0	3.7	5.0		T	1.5	.5	.0	
66-67	.0	.0	.0	2.0	.0	2.0	4.0	T	.5	T	.0	.0	8.5
67-68	.0	.0	.0	T	1.5	2.5	T	3.0	2.0	T	T	.0	9.0
68-69	.0	.0	.0	.0	1.0	3.0	T	T	6.0	.5	.0	.0	10.5
69-70	.0	.0	.0	7.5	4.0	T	T	T	8.5	3.0	T	.0	23.0

CLIMATOLOGY REPORT NO. 77-1

ASPEN

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN: NO OF DAYS			
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW								.10 OR MORE	.50 OR MORE	1.00 OR MORE	
JAN	34.4	7.4	20.9	58	1956	5	-35	1963	12	0.0	12.4	31.0	8.5	1.68	1.20	1969	27	25.4	46	1957	28	5.7	.4	.1
FEB	37.2	9.6	23.4	60	1962	12	-30	1951	1	0.0	7.8	28.1	5.7	1.46	.70	1962	17	22.1	45	1957	1	5.6	.3	0.0
MAR	42.1	14.8	28.5	70	1959	22	-14	1965	3	0.0	4.8	30.6	3.0	1.83	2.87	1960	14	23.0	56	1965	25	5.3	.5	.1
APR	52.6	24.4	38.5	73	1969	22	1	1970	4	0.0	.5	26.5	0.0	1.72	1.22	1957	7	13.6	41	1965	2	5.5	.8	.1
MAY	63.6	32.7	48.2	80	1969	28	14	1962	1	0.0	0.0	14.6	0.0	1.46	1.36	1957	9	3.2	8	1957	9	4.2	.6	.1
JUN	73.2	38.6	56.0	93	1954	23	24	1955	2	.2	0.0	3.5	0.0	1.20	1.26	1969	24	.2	0	0	0	3.8	.5	.1
JUL	79.7	44.7	62.2	90	1954	10	31	1955	8	.1	0.0	.1	0.0	1.46	.78	1964	24	0.0	0	0	0	5.0	.4	0.0
AUG	77.2	43.4	60.3	92	1969	9	28	1968	24	0.0	0.0	.5	0.0	2.06	1.29	1964	5	0.0	0	0	0	6.3	.8	.1
SEP	70.2	36.2	53.2	87	1960	3	15	1961	25	0.0	0.0	7.6	0.0	1.59	1.24	1961	24	2.7	5	1965	20	4.8	1.0	.1
OCT	59.8	27.9	43.9	76	1963	1	8	1970	28	0.0	0.0	24.1	0.0	1.54	1.13	1963	31	8.0	9	1969	16	4.4	1.1	.2
NOV	44.3	17.0	30.7	66	1966	21	-19	1955	16	0.0	3.9	29.4	1.9	1.59	.87	1955	15	19.2	21	1955	15	5.3	.5	0.0
DEC	35.3	8.7	22.0	59	1959	17	-19	1961	12	0.0	11.7	30.8	6.4	1.68	2.06	1966	6	23.2	42	1951	31	5.3	.5	.2
ANNUAL	55.9	25.5	40.7							0	41	227	26	19.3				140				61	7	1

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.45	.50	.57	.50	.53	.38	.54	.90	.17	0.00	.76	.40	13.16
.10	.61	.64	.74	.65	.67	.28	.68	1.08	.30	.41	.89	.56	14.31
.20	.85	.84	.90	.81	.83	.45	.87	1.34	.52	.69	1.08	.80	15.82
.30	1.06	1.01	1.00	.91	.93	.62	.94	1.55	.74	.92	1.24	1.02	16.97
.40	1.27	1.17	1.12	1.02	1.05	.75	1.09	1.74	.98	1.14	1.38	1.24	18.00
.50	1.49	1.34	1.28	1.18	1.21	.98	1.35	1.94	1.24	1.37	1.52	1.47	18.00
.60	1.73	1.53	1.46	1.36	1.39	1.20	1.53	2.16	1.55	1.62	1.73	1.73	20.03
.70	2.02	1.74	1.66	1.56	1.59	1.47	1.73	2.40	1.94	1.92	2.04	2.04	21.17
.80	2.39	2.02	1.90	1.78	1.81	1.83	1.98	2.71	2.47	2.31	2.44	2.44	22.57
.90	2.98	2.45	2.31	2.20	2.23	2.41	2.38	3.18	3.35	3.20	3.39	3.39	24.60
.95	3.53	2.84	2.66	2.54	2.57	2.96	2.74	3.60	4.20	3.50	3.68	3.68	26.37
ALPHA	2.96	3.97	3.54	3.21	4.34	1.76	4.54	6.00	1.44	2.66	7.17	2.59	22.73
BETA	.57	.37	.52	.53	.34	.63	.32	.34	1.10	.61	.22	.65	.85
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.61	1.87	1.34	2.33	1.65	1.14	1.11	2.16	1.28	2.00	1.22	4.75	23.46
1952	2.34	1.47	2.18	.70	1.33	.62	1.73	2.78	.99	.00	1.62	.63	16.30
1953	1.11	.98	2.09	1.53	1.80	.72	1.74	1.47	.14	1.13	1.40	1.25	15.36
1954	1.08	.31	1.18	1.15	1.32	.29	1.17	1.80	2.45	2.04	1.40	.85	15.04
1955	.63	1.74	1.24	.38	1.27	.91	1.65	2.07	.25	1.07	2.60	.59	14.40
1956	1.90	1.66	.70	1.35	.73	.55	1.48	.93	.21	.71	1.59	1.55	13.36
1957	4.40	.48	1.64	2.40	3.32	1.85	1.55	1.90	.48	1.05	1.52	.94	21.53
1958	1.07	1.76	1.24	1.55	.44	1.05	.14	.87	1.04	.86	1.25	.95	12.22
1959	1.68	1.44	2.05	2.41	2.58	1.72	1.95	2.84	3.20	1.77	.63	.43	22.70
1960	1.43	2.82	4.17	.62	1.49	.57	1.52	1.58	1.19	1.47	1.72	1.46	20.04
1961	.25	1.70	1.92	2.52	2.29	.08	1.11	1.57	5.80	3.44	1.90	1.88	24.46
1962	2.23	3.04	1.08	2.93	2.00	.33	.63	1.03	.86	1.14	.83	.72	16.82
1963	1.60	1.27	1.94	.71	.68	2.29	.83	3.25	.98	1.93	.85	1.01	17.38
1964	1.36	1.34	2.53	1.65	1.33	2.25	1.41	4.38	1.05	.47	2.93	3.82	24.52
1965	1.77	1.35	5.34	1.16	1.14	1.55	1.90	1.76	3.64	.21	2.91	1.71	24.14
1966	.730	.75	.52	2.11	1.02	1.05	2.30	1.75	.74	2.13	1.46	3.99	18.55*
1967	.95	2.00	1.27	1.21	1.52	1.55	2.07	1.58	1.41	1.31	1.52	2.16	18.55
1968	.97	1.98	1.02	3.45	1.52	.30	1.81	3.34	1.06	1.24	1.82	1.35	19.86
1969	3.85	.79	1.16	.76	1.40	3.77	1.49	1.53	1.78	4.53	1.03	2.05	24.14
1970	1.55	.82	1.93	3.42	.44	1.47	1.60	2.53	3.34	2.40	1.63	1.54	22.67

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							39.9	23.0	20.4	15.0	1.9	.0	
51-52	.0	.0	.0	10.5	17.2	58.3	27.8	18.9	28.3	6.7	.0	.0	167.7
52-53	T	.0	.0	.0	18.9	11.8	22.9		22.5	10.8	3.0	.0	
53-54	.0	.0	.0	2.0	18.1	22.0	13.5	2.0		.0	1.5	.0	
54-55	.0	.0	.0	.0	14.0	6.5	14.0	36.0	22.0	10.0	.0	.0	102.5
55-56	.0	.0	.0		31.0		30.0	30.5	8.5	6.0	.0	.0	
56-57	.0	.0	.0	4.0	26.5	26.0	71.5	5.0	15.5	25.0	8.0	.0	181.5
57-58	.0	.0	.0	.0		20.0	21.0	31.0	19.0	11.0	.0	.0	
58-59	.0	.0	.0	T	16.0	19.0	33.5	20.0				.0	
59-60	.0	.0	10.0	23.0	13.0	10.2	21.2	35.5	24.0	1.0	4.0	.0	141.9
60-61	.0	.0	.0	8.0	13.0	21.0	5.0	26.0	23.0	21.0	14.0	.0	131.0
61-62	.0	.0	27.0	16.0	26.5	29.5	25.0	39.0	16.0	19.5	2.5	T	201.0
62-63	.0	.0	.0	T	11.0	10.5	22.5	16.0	27.0	4.0	.0	.0	91.0
63-64	.0	.0	.0	5.0	12.5	14.5	21.5	22.5	38.0	10.5	5.0	1.0	130.5
64-65	.0	.0	.0	5.0	37.5	47.0	32.0	19.5	76.5	10.0	2.0	.0	229.5
65-66	.0	.0	7.0	T	22.5	15.7	11.3	15.5	7.3	23.0	5.5	.0	107.8
66-67	.0	.0	.0	11.5	16.5	30.1	14.8	31.2	9.0	11.0	2.3	.0	126.4
67-68	.0	.0	.0	6.0	19.5	34.2	19.1	26.1	14.5	31.1	8.3	.0	158.8
68-69	.0	.0	.0	5.6	24.9	18.0	43.0	10.4	14.0	6.5	.0	2.3	
69-70	.0	.0	.0	35.6	9.8	23.7	18.2	11.8	28.1	36.0	2.5	.0	165.7

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	32.7	38.3	40.9	50.5	63.4	66.3	80.2	74.9M	71.3	55.8M	42.2	31.3	54.2*
1952	33.9M	33.6	37.0M	54.0M	62.0	75.6M	77.5	74.7M	71.8M	64.7	40.6	33.9M	54.9*
1953	35.1	36.0	43.3	48.8M	58.4	70.2	79.5	76.7	74.4	61.1	47.6	35.1	56.4*
1954	42.5	44.7	40.6	59.0	66.1	76.0	81.4	78.3	69.2	60.5	49.6	35.6	58.6
1955	32.1	31.9	41.1	51.6	62.1	70.0	80.5	78.3	73.8	61.2	45.1	37.5	55.5
1956	38.7	33.0	44.2	52.3	66.5	76.8	78.2M	75.3	75.1	62.4	37.9	33.9	56.2*
1957	30.7	42.2	41.8	47.2	56.8	69.3	76.0	76.0	69.1	57.1	37.6	37.2	53.4
1958	33.5	40.1	39.1	47.5	66.5M	75.1	78.0	81.2	71.6	61.4	46.6	43.6	57.0*
1959	40.2		48.9	55.7	64.3	76.9	79.5	76.7	67.7	56.5	47.9	42.4	
1960	35.0M	32.4	45.9	58.4	64.7	76.5	81.6M	80.5	73.1	59.2	47.4	38.1	57.7*
1961	38.1	40.3	45.2	50.9	65.2	76.5	79.7	78.5	62.2	59.0	42.7	32.0	55.9
1962	32.6	42.1	42.2	58.6	63.4	73.2	77.8	78.3	70.6	61.9	47.4	37.6	57.1
1963	29.3	40.3	41.5	53.6	65.7	72.8	82.9	75.0	74.2	66.1	47.3	34.4	56.9
1964	28.8	30.1	36.1	49.7	64.0	71.9	82.6	74.7	69.2	63.2	42.0	32.4	53.7
1965	33.7	36.1	35.3	52.6	61.9	70.3	77.4	74.0	62.1	64.2	46.2	36.8	54.2
1966	31.2	32.4	47.4	55.6	66.9	73.8	81.6	78.7	72.7	58.5	48.4	31.3	56.5
1967	33.0	37.5	48.7	54.8	59.9	69.1	79.6	78.1	71.2	61.8	47.0	30.5	55.9
1968	34.1	37.5	44.1	47.1	61.2	75.5	78.8	72.2	67.7	61.3	38.8	31.7	54.2
1969	27.8	36.4	38.9	57.7	68.2M	66.2	80.4	81.8	69.9	48.9M	42.1	35.5	55.5*
1970	31.9	41.5	39.7	46.3	65.3	72.9M	79.9	80.2	66.7	51.9	42.4	34.4	54.4*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.1	9.5	16.7	24.9	33.1	34.7	43.5	42.2M	33.5	27.0M	12.6	7.6	24.3*
1952	6.4M	3.7M	8.7M	26.0M	34.1	39.7M	43.7	43.3M	36.5M	26.5	11.5	4.4M	23.7*
1953	14.5	5.9	17.2	22.5M	29.7	40.6	45.5	43.5	35.6	28.0	19.5	7.0	25.8*
1954	11.6	16.7	17.0	28.7	33.8	37.4	46.9	42.8	38.1M	29.2	19.2	3.4	27.1*
1955	2.7	.9	11.0	19.6	30.3	34.6	42.6	43.4	34.9	24.8	14.7	13.5	22.6
1956	14.7	2.9	12.0	25.3	34.7	40.6	41.9M	38.7	36.8	29.1	10.0	4.8	24.3*
1957	6.5	15.9	18.1	24.6	31.5	37.4	44.4	43.9	34.1	30.9	14.9	8.5	25.9
1958	3.1	15.8	14.4	23.1	32.7M	40.3	42.7	44.5	37.7	27.5	16.0	11.0	25.7*
1959	6.1	11.9	15.0	23.3	31.5	42.0	42.7	43.6	34.6	24.7	14.8	9.5	25.0
1960	5.6M	3.7	17.3	24.8	31.3	38.1	44.5M	43.9	39.1	28.6	17.3	8.6	25.2*
1961	5.0	12.1	19.2	24.5	33.3	40.5	44.1	46.0	33.3	26.2	14.1	5.2	25.3
1962	1.5	14.8	10.6	26.8	30.5	37.7	42.3	40.5	35.2	29.6	22.8	13.5	25.5
1963	3.5	15.9	17.0	27.0	35.7	37.3	44.6	45.5	40.4	32.8	18.2	7.6	27.1
1964	2.2	1.2	8.0	22.8	32.6	38.6	47.6	42.6	37.0	30.1	18.9	10.5	24.3
1965	14.0	10.0	13.1	26.6	33.4	40.0	47.0	44.4	36.7	29.7	22.2	12.0	27.4
1966	3.4	5.1	16.2	24.3	33.8	38.9	46.4	41.3	35.8	27.0	21.7	7.3	25.1
1967	10.3	10.2	23.1	25.9	31.8	36.5	46.2	42.7	36.7	28.3	19.6	8.1	26.8
1968	7.5	14.3	15.2	21.1	31.7	38.7	45.5	42.5	34.3	29.3	15.9	8.6	25.4
1969	13.3	9.8	11.5	27.4	36.3M	37.6	47.2	47.1	36.7	25.0M	13.5	12.0	26.7*
1970	9.6	14.4	15.2	19.5	32.2	39.8M	45.4	45.5	35.3	23.9	21.3	11.4	26.1*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	19.4	23.9	28.8	37.7	48.3	51.5	61.9	58.6M	52.4	41.4M	27.4	19.5	39.2*
1952	20.2M	18.7M	22.9M	40.0M	48.1	57.7M	60.6	59.0M	54.2M	45.6	26.3	19.2M	39.4*
1953	26.8	21.0	30.3	35.7M	44.1	58.4	62.5	60.1	55.0	44.6	33.6	21.1	41.1*
1954	27.1	30.7	28.8	43.9	50.0	56.7	64.2	60.6	53.7M	44.9	34.4	19.5	42.9*
1955	17.4	15.5	26.1	35.6	46.2	52.3	61.6	60.9	54.4	43.0	29.9	25.7	39.1
1956	26.7	18.0	28.1	38.8	50.6	58.7	60.1M	57.0	56.0	45.8	24.0	19.4	40.3*
1957	18.6	29.1	30.0	35.9	44.2	53.4	60.2	60.0	51.6	44.0	26.3	22.9	39.7
1958	18.3	28.0	26.8	35.3	49.6M	57.7	60.4	62.9	54.7	44.5	31.3	27.3	41.4*
1959	23.2		32.0	39.5	47.9	59.5	61.1	60.2	51.2	40.6	31.4	26.0	
1960	20.3M	18.1	31.6	41.6	48.0	57.3	63.1M	62.2	56.1	43.9	32.4	23.4	41.5*
1961	21.6	26.2	32.2	37.7	49.3	58.5	61.9	62.3	47.8	42.6	28.4	18.6	40.6
1962	17.1	28.5	26.4	42.7	47.0	55.5	60.1	59.4	52.9	45.8	35.1	25.6	41.3
1963	16.4	28.1	29.3	40.3	50.7	55.1	63.8	60.3	57.3	49.5	32.8	21.0	42.1
1964	15.5	15.7	22.1	36.3	48.3	55.3	65.1	58.7	53.1	46.7	30.5	21.5	39.1
1965	23.9	23.1	24.2	39.6	47.7	55.2	62.2	59.2	49.4	47.0	34.2	24.4	40.8
1966	17.3	18.8	31.8	40.0	50.4	56.4	64.0	60.0	54.3	42.8	35.1	19.3	40.9
1967	21.7	23.9	35.9	40.4	45.9	53.8	62.9	60.4	54.0	45.1	33.3	19.3	41.4
1968	20.8	25.9	29.7	34.1	46.5	57.1	62.2	57.4	51.0	45.3	27.4	20.2	39.8
1969	25.6	23.1	25.4	42.6	52.3M	52.9	63.8	64.5	54.3	37.0M	28.0	23.8	41.1*
1970	20.8	28.0	27.5	32.9	48.8	56.4M	62.7	62.9	51.0	37.9	31.5	22.9	40.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

AYER RANCH

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)											
	MEAS				EXTREMES				MEAN NO OF DAYS							SNOW, SLEET				MEAN NO OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW											
JAN													.34	.63	1956	29	5.8	10.	1962	9	1.1	.1	0.0
FEB													.48	.56	1960	14	6.0	8.	1956	8	1.7	.1	0.0
MAR													1.00	1.11	1959	25	12.7	14.	1959	25	3.4	.3	.1
APR													1.44	3.39	1967	13	10.3	21.	1967	14	3.2	.8	.2
MAY													2.40	2.68	1965	22	2.8	14.	1957	16	4.6	1.4	.5
JUN													2.28	6.46	1965	18	0.0	0.	0	0	4.8	1.2	.4
JUL													3.62	2.01	1968	19	0.0	0.	0	0	8.8	2.3	.8
AUG													3.09	2.19	1966	4	0.0	0.	0	0	6.5	1.7	.6
SEP													1.31	1.20	1955	25	1.2	2.	1957	14	4.0	1.0	.2
OCT													.90	1.34	1959	1	4.5	24.	1959	1	2.8	.6	.1
NOV													.58	.53	1957	2	7.2	6.	1969	2	2.2	.1	0.0
DEC													.37	.30	1957	8	5.7	6.	1953	11	1.7	0.0	0.0
ANNUAL													17.8				57.				45.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.04	.11	.20	.18	.50	.20	1.24	1.33	.26	.03	.10	.08	11.44
.10	.06	.16	.24	.29	.77	.36	1.58	1.61	.38	.07	.15	.12	12.63
.20	.11	.23	.43	.49	1.07	.66	2.08	2.00	.57	.16	.24	.17	14.18
.30	.16	.29	.57	.69	1.39	.97	2.50	2.32	.75	.27	.32	.22	15.34
.40	.21	.35	.71	.91	1.71	1.32	2.91	2.62	.93	.41	.40	.27	16.45
.50	.27	.45	.85	1.14	2.05	1.72	3.33	2.94	1.12	.58	.40	.32	17.50
.60	.33	.49	1.02	1.42	2.45	1.86	3.78	3.24	1.34	.79	.50	.36	18.59
.70	.42	.58	1.22	1.76	2.92	2.27	4.31	3.61	1.60	1.07	.71	.45	19.81
.80	.53	.70	1.49	2.22	3.54	3.59	4.99	4.08	1.95	1.47	.87	.54	21.30
.90	.72	.88	1.92	2.98	4.53	4.94	6.04	4.79	2.51	2.17	1.13	.69	23.48
.95	.90	1.06	2.33	3.71	5.47	6.28	7.01	5.44	3.04	2.88	1.38	.83	25.40
ALPHA	1.43	2.54	2.16	1.55	2.28	1.27	4.02	5.89	2.17	.84	1.97	2.47	17.45
BETA	.24	.19	.47	.93	1.05	1.79	1.90	.52	1.08	.29	.15	1.02	
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

CLIMATOLOGY REPORT NO. 77-1

BAILY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS				EXTREMES				MEAN 120 OF DAYS				SNOW, SLEET				MEAN 120 OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	41.9	9.5	25.7	65.	1956	5	-46.	1963	12	0.0	5.0	30.1	7.2	.31	.58	1962	8	6.8	13.	1951	29	1.1	.1	0.0
FEB	44.0	10.5	27.2	70.	1954	9	-48.	1951	1	0.0	3.8	27.5	5.9	.55	.66	1960	14	10.0	10.	1960	14	2.1	.1	0.0
MAR	47.1	13.4	30.3	70.	1966	30	-25.	1965	3	0.0	3.4	30.3	4.6	1.06	.95	1953	30	16.9	9.	1953	30	3.5	.3	0.0
APR	56.4	22.6	39.5	78.	1959	30	-14.	1959	12	0.0	.5	28.2	.4	1.60	1.16	1952	21	12.9	20.	1957	2	3.7	.4	.1
MAY	66.4	31.1	48.7	84.	1964	24	6.	1962	1	0.0	0.0	18.8	0.0	2.16	2.85	1969	7	3.9	14.	1957	16	4.7	1.0	.3
JUN.	76.5	37.7	57.1	95.	1954	23	24.	1970	5	.8	0.0	4.1	0.0	1.42	1.72	1970	11	.3	1.	1951	2	4.1	.8	.1
JUL	81.5	43.9	62.7	95.	1954	12	29.	1968	1	1.9	0.0	.2	0.0	2.78	1.93	1966	18	.1	2.	1951	30	8.2	1.3	.2
AUG	78.7	42.4	60.6	91.	1960	21	26.	1964	21	.3	0.0	.8	0.0	2.49	1.55	1955	7	0.0	0.	0	0	6.9	1.3	.2
SEP	73.8	33.8	53.8	90.	1960	4	9.	1959	30	.1	0.0	12.5	0.0	1.42	2.48	1959	29	1.8	14.	1959	29	3.6	.9	.2
OCT	64.2	25.0	44.6	83.	1962	13	-8.	1969	13	0.0	.2	27.0	0.0	1.10	1.85	1969	3	7.0	14.	1959	2	2.6	.6	.2
NOV	49.9	16.1	33.0	72.	1959	12	-21.	1951	2	0.0	2.2	29.2	1.8	.56	.57	1970	13	9.1	6.	1956	14	2.1	.1	0.0
DEC	43.3	10.7	27.0	66.	1955	25	-26.	1963	11	0.0	4.6	30.5	5.6	.55	.56	1966	6	9.0	10.	1960	6	2.0	.2	0.0
ANNUAL	60.3	24.7	42.5							3.	20.	239.	26.	16.0				78.				45.	7.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	.15	.36	0.00	.42	.34	1.25	.40	.18	.03	.15	.09	10.61
.10	.05	.20	.47	.44	.62	.47	1.49	.84	.29	.08	.21	.14	11.63
.20	.09	.28	.61	.74	.94	.68	1.64	1.20	.49	.19	.29	.22	12.95
.30	.13	.35	.74	.98	1.23	.86	2.12	1.53	.69	.33	.36	.30	13.96
.40	.18	.42	.86	1.20	1.52	1.05	2.38	1.85	.90	.50	.43	.37	14.47
.50	.24	.49	.98	1.43	1.84	1.24	2.64	2.19	1.13	.70	.50	.46	15.76
.60	.30	.57	1.11	1.69	2.20	1.46	2.72	2.57	1.40	.96	.58	.56	16.67
.70	.38	.66	1.27	1.99	2.63	1.72	3.24	3.02	1.74	1.30	.68	.68	17.70
.80	.49	.78	1.47	3.38	3.20	2.06	3.64	3.61	2.19	1.79	.80	.84	18.94
.90	.68	.97	1.78	3.90	4.12	2.60	4.25	4.55	2.93	2.64	1.00	1.10	20.76
.95	.86	1.14	2.06	3.57	4.99	3.10	4.81	5.44	3.65	3.51	1.18	1.35	22.35
ALPHA	1.28	3.05	4.01	2.81	2.18	2.61	6.37	2.54	1.57	.83	3.02	1.87	19.92
BETA	.25	.18	.27	.60	.99	.54	.44	.95	.91	1.32	.19	.30	.80
Q	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

BAILY

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.24	.74	1.26	1.24	2.17	1.31	5.01	1.77	.60	1.75	.48	1.07	18.24
1952	.020	.19	1.16	2.91	2.37	.41	3.04	1.99	.13	.09	.78	.35	13.44*
1953	.20	.40	1.13	2.67	2.11	.75	3.34	1.78	.22	.77	.64	.63	14.64
1954	.14	.25	.44	.75	2.43	1.00	4.02	1.74	2.45	.35	.84	.28	14.69
1955	.05	.73	.35	.29	2.28	.78	2.37	5.59	1.09	.15	.45	.16	14.29
1956	.29	.43	.79	1.77	2.17	.51	2.23	1.62	.09	.32	.96	.39	11.57
1957	.41	.46	.76	4.56	5.01	1.02	3.35	3.01	.83	1.88	.77	.13	22.19
1958	.35	.22	1.56	1.23	2.91	2.46	1.95	1.61	1.01	.33	.46	.67	14.76
1959	.68	1.00	1.52	1.61	2.48	2.31	1.14	2.36	3.59	2.01	.35	.32	19.37
1960	.44	1.50	1.25	1.30	1.86	.51	1.65	.24	.96	1.86	.25	1.13	12.95
1961	.07	.54	1.85	1.24	2.10	2.04	4.43	3.37	2.67	.73	.67	.490	20.20*
1962	1.00	.36	1.38	3.76	.39	1.20	1.77	.50	.86	.07	.81	.39	12.49
1963	.39	.36	.90	T	.46	1.71	1.61	5.41	2.84	.46	.54	.82	15.50
1964	.19	.81	1.19	.60	1.35	.59	1.65	1.67	1.39	.02	.71	.75	10.92
1965	.34	1.01	1.11	2.22	.84	2.36	3.22	2.65	1.93	.30	.03	.51	16.52
1966	.32	.57	.23	1.39	.78	1.00	4.41	1.49	1.98	.59	.56	.56	13.88
1967	.28	.32	.69	1.40	2.71	1.41	3.06	4.65	1.33	1.17	.31	.81	18.14
1968	.15	.63	.67	1.28	.52	.46	3.59	2.01	.75	1.96	.41	.67	13.10
1969	.02	.15	.79	.96	7.06	3.89	1.73	3.63	.88	6.35	.27	.96	26.69
1970	.09	.28	2.26	.92	1.20	2.65	2.05	2.81	2.85	.80	.98	.01	16.90

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							18.0	8.9	17.3	9.6		5.0	
51-52	2.0	.0	3.0	12.0	5.0			3.1	13.2	10.5	3.0	T	
52-53	.0	.0	.0	T	14.0	5.5	4.8	7.9	11.6		11.4	.0	
53-54	.0	.0	.0	1.0	7.0	12.2	1.5	5.5	7.3	4.5	9.0	T	48.0
54-55	.0	.0	.0	2.0		3.9	1.6	12.9	7.4	4.0	3.0	.0	
55-56	.0	.0	.0	.4	7.7	3.0	4.4	11.2	12.7	21.0	1.5	.0	61.9
56-57	.0	.0	.0	T	21.5	12.5	6.6		14.0	36.0	14.5	.0	
57-58	.0	.0	T	.0			6.0	4.0	23.7	20.8	T	.0	
58-59	.0	.0	T		9.0	6.5	16.5	18.1	21.0	21.5	T	.0	
59-60	.0	.0	20.0		6.0	8.5	9.5	24.3	16.3	5.6	16.0	.0	
60-61	.0	.0	.0	7.0	3.5		1.0		29.5	9.3	5.0	.0	
61-62	.0	.0					19.3	4.8	9.5	26.0	.0	.0	
62-63	.0	.0	T	.0	8.0	6.1	9.5	6.1	17.1	.0	T	.0	46.8
63-64	.0	.0	.0	1.0	11.0		4.5	18.3	30.9	8.5	.0	.0	
64-65	.0	.0	2.0	.0	15.4	10.8	7.7	16.0	18.4	5.6	.0	.0	75.9
65-66	.0	.0		.0	.3	7.9	7.0	12.0	3.5		.0	.0	
66-67	.0	.0	.0	4.3	12.9	5.5	6.1	6.4	8.2	12.0		.0	
67-68	.0	.0	.0	3.6	6.0	19.3	4.2	11.6	13.7		.0	.0	
68-69	.0	.0	.0	.0	5.0	12.4	T	2.5	19.3	4.9	.0	.0	44.1
69-70	.0	.0	.0	78.4	7.6	20.3	1.8	5.8	42.8	19.9	7.5	.0	184.1

BAILY

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.2	45.4	46.3	53.0	65.5	71.6	83.7	79.4	76.9	61.1	48.6	39.8	59.1
1952	42.5	43.2	42.6	56.3	64.4	83.1	82.0	78.9	78.0	70.4	44.6	42.8	60.7
1953	48.2	42.7	52.6	51.8	60.0	80.4	81.2	78.2	77.8	65.5	53.7	41.1	61.1
1954	48.0	54.1	47.3	65.0	67.6	81.0	82.6	80.2	76.4	66.1	56.9	48.6	64.5
1955	40.1	38.8	47.0	57.2	66.3	74.3	84.8	78.3	75.8	66.5	48.8	48.3	60.6
1956	46.3	39.3	49.8	57.3	70.7M	82.6	81.0	77.1	79.4	67.6	48.4	47.0	62.2*
1957	39.7	52.0	50.8	53.1	62.1	75.5M	80.0	78.8	74.2	61.2	41.7	46.2	59.7*
1958	40.7	46.7	40.2	51.5	68.6	78.3	78.6M	81.5	75.5	65.5M	53.3M	47.1M	60.6*
1959	42.3M	41.4	46.5	55.8	64.4	79.1M	80.9	79.0	71.4	58.7	50.5	45.8	59.7*
1960	39.2	34.5	50.1	59.1	62.5	78.6	81.4	83.5	75.4	61.6	50.9M	40.3M	59.8*
1961	42.7	45.8M	46.6M	54.0	66.7	74.0	79.0M	76.9	65.7	64.1M	45.7M	38.2M	58.3*
1962	39.0M	45.1	44.8	59.7	70.5	73.7M	81.2M	82.9	75.0	67.9	52.7M	46.5M	61.6*
1963	34.8M	47.3	48.5	60.1	71.3M	79.4M	85.6M	76.0	75.4	70.6	53.0	41.7	62.0*
1964	38.7	36.5	42.0	55.5	67.3	75.0	84.8	78.3	73.8	66.2	47.6	41.1M	58.9*
1965	42.1	42.8	38.7	57.2	64.5	72.4	80.5	76.2	65.6	67.5	54.4	46.3	59.0
1966	38.6	39.5	54.2	57.6	70.5	76.5	83.7	78.6	73.1	63.3	52.6	42.6M	60.9*
1967	44.7M	44.0	56.9	60.1	62.7	71.9	80.0	76.2	71.0	66.2	51.4	36.7	60.2*
1968	44.8	45.3	50.8	52.4M	64.1	80.1	78.4	75.2	73.2	64.9	45.7M	40.3	59.6*
1969	47.0	46.3	43.9	60.9	67.5	67.7	80.8	79.7	72.8	52.0	49.5	42.3M	59.2*
1970	40.8M	48.4	42.2	50.7	70.0	74.7	80.3	79.8M	70.0	56.5	48.2	43.2M	58.7*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.5	13.3	13.5	22.3	32.5	34.7	43.9	42.7	32.1	23.5	14.1	8.6	24.2
1952	11.4	9.6	11.1	24.0	32.0	38.6	42.1	41.0	31.3	21.7	9.1	10.1	23.5
1953	21.6	10.9	19.3	19.6	29.3	39.7	46.6	42.5	35.5	26.4	22.0	11.4	27.1
1954	14.8	20.3	14.2	25.7	33.6	39.3M	48.2	43.8	36.3	29.4	19.8	8.6	27.8*
1955	8.1	4.9	14.5	22.7	30.6	36.8	43.2	46.3	35.0	24.8	16.8	15.2	24.9
1956	12.6	3.6	14.4M	21.8	34.0M	41.0	41.7	39.4	32.9	25.0	11.4	9.0	23.9*
1957	6.9	15.6	15.7	18.5	30.1	36.1M	44.5	43.9	30.7	28.5	13.0	10.5	24.5*
1958	6.2	13.9	9.2	22.3	33.0	38.2	40.7	41.8	33.7	24.1M	15.0M	15.0M	24.4*
1959	8.4M	9.5	13.0	21.4	32.5	40.9M	41.9	43.0	33.0	25.3	17.7	10.8	24.8*
1960	5.0	2.0	14.7	23.6	28.0	37.6	41.5	41.9	37.0	26.0	17.1M	7.2M	23.5*
1961	5.5	10.7M	16.1M	21.6	31.4	37.5	43.0M	43.1	32.2	24.4M	14.8M	7.3M	24.0*
1962	.1M	13.2	13.5	25.3	28.5	35.6M	40.0M	38.7	32.1	24.5	16.7M	11.3M	23.3*
1963	2.6M	15.0	13.4	25.2	32.4M	38.6M	44.4M	44.0	38.8	30.3	14.8	8.2	25.6*
1964	4.3	1.3	8.6	23.2	31.7	35.8	45.8	39.9	32.4	21.1	15.8	10.0M	22.5*
1965	13.8	7.0	3.3	23.8	29.0	34.5	42.0	38.3	31.5	27.7	20.1	15.0	23.8
1966	6.3	5.5	16.3	20.8	31.6	38.0	47.9	43.0	36.7	24.6	19.4	10.5M	25.1*
1967	12.0M	12.2	22.8	23.6	29.0	38.3	46.0	41.6	36.3	27.1	14.9	5.7	25.8*
1968	8.9	12.8	15.6	20.0M	29.8	37.6	42.8	42.2	31.1	25.8	14.5M	11.7	24.4*
1969	16.9	13.1	9.1	26.2	32.9	38.2	47.0	45.2	36.5	20.1	16.1	14.8M	26.4*
1970	14.7M	15.3	10.5	18.9	29.6	36.7	44.7	45.1M	30.5	20.7	17.8	12.5M	24.8*

BAILY

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.9	29.4	29.9	37.7	49.0	53.2	63.8	61.1	54.5	42.3	31.4	24.2	41.7
1952	27.0	26.4	26.9	40.2	48.2	60.9	62.1	60.0	54.7	46.1	26.9	26.5	42.2
1953	34.9	26.8	36.0	35.7	44.7	60.1	63.9	60.4	56.7	46.0	37.9	26.3	44.1
1954	31.4	37.2	30.8	45.4	50.6	60.2M	65.4	62.0	56.4	47.8	38.4	28.6	46.2*
1955	24.1	21.9	30.8	40.3	48.5	55.6	64.0	62.3	55.4	45.7	32.8	31.8	42.8
1956	29.5	21.5	32.1M	39.6	52.4M	61.8	61.4	58.3	56.2	46.3	29.9	28.0	43.1*
1957	23.3	33.8	33.3	35.8	46.1	55.8M	62.3	61.4	52.5	44.9	27.4	28.7	42.1*
1958	23.5	30.3	24.7	36.9	50.8	58.3	59.7M	61.7	54.6	44.8M	34.2M	31.1M	42.6*
1959	25.4M	25.5	29.8	38.6	48.5	60.0M	61.4	61.0	52.2	42.0	34.1	28.3	42.2*
1960	22.1	18.3	32.4	41.4	45.3	58.1	61.5	62.7	56.2	43.8	34.0M	24.1M	41.7*
1961	24.1	28.3M	31.4M	37.8	49.1	55.8	61.0M	60.0	49.0	44.3M	30.3M	22.8M	41.2*
1962	19.6M	29.2	29.2	42.5	49.5	54.7M	60.6M	60.8	53.6	46.2	34.7M	28.9M	42.5*
1963	18.7M	31.2	31.0	42.7	51.9M	59.0M	65.0M	60.0	57.1	50.5	33.9	25.0	43.8*
1964	21.5	18.9	25.3	39.4	48.5	55.4	65.3	59.1	53.1	43.7	31.7	25.6M	40.7*
1965	28.0	24.9	21.0	40.5	46.8	53.5	61.3	57.3	48.6	47.6	37.3	30.7	41.5
1966	22.5	22.5	35.3	39.2	51.1	57.3	65.8	60.8	54.9	44.0	36.0	26.6M	43.0*
1967	28.4M	28.1	39.9	41.9	45.9	55.1	63.0	58.9	53.7	46.7	33.2	21.2	43.0*
1968	26.9	29.1	33.2	36.2M	47.0	58.9	60.6	58.7	52.2	45.4	30.3M	26.0	42.0*
1969	32.0	29.7	26.5	43.9	50.2	53.0	63.9	62.5	54.7	36.1	32.8	28.6M	42.8*
1970	27.8M	31.9	26.4	34.8	49.8	55.7	62.5	62.5M	50.3	38.6	33.0	27.9M	41.8*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BLANCA

05 776 5

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	35.1	1.0	18.1	53.	1970	27	-38.	1963	12	0.0	11.0	31.0	15.4	.22	.48	1960	14	3.8	8.	1963	3	.8	0.0	0.0
FEB	40.8	8.2	24.5	61.	1962	11	-21.	1963	13	0.0	5.3	28.1	6.5	.21	.54	1963	10	3.6	4.	1963	14	.8	.1	0.0
MAR	47.9	14.4	31.1	68.	1967	28	-8.	1965	4	0.0	2.1	30.3	2.5	.33	.68	1962	30	3.8	2.	1951	31	1.4	.1	0.0
APR	58.7	23.6	41.2	76.	1965	22	4.	1970	16	0.0	0.0	26.4	0.0	.41	.75	1967	13	3.8	6.	1967	13	1.1	.4	0.0
MAY	69.5	32.3	50.9	84.	1967	24	8.	1962	1	0.0	0.0	15.8	0.0	1.01	1.24	1957	9	.1	0.	0	0	2.5	.5	.1
JUN	77.6	40.3	58.9	97.	1961	30	25.	1962	9	.5	0.0	2.6	0.0	.68	.88	1966	21	0.0	0.	0	0	2.4	.3	0.0
JUL	83.3	47.4	65.4	97.	1964	10	34.	1968	1	.9	0.0	0.0	0.0	1.41	.95	1968	22	0.0	0.	0	0	4.3	.8	0.0
AUG	79.9	44.8	62.4	91.	1960	20	29.	1964	28	.3	0.0	.7	0.0	1.58	.90	1966	2	0.0	0.	0	0	5.0	.8	0.0
SEP	73.0	36.9	55.0	88.	1970	12	16.	1970	26	0.0	0.0	7.2	0.0	.74	.78	1970	12	0.0	2.	1961	3	2.7	.3	0.0
OCT	63.4	26.0	44.7	79.	1963	2	0.	1967	30	0.0	0.0	24.5	.1	.59	.78	1959	1	.9	3.	1969	12	2.1	.1	0.0
NOV	49.7	15.5	32.6	65.	1964	1	-11.	1964	23	0.0	1.3	29.5	1.7	.30	.54	1962	17	3.2	5.	1964	18	.9	.1	0.0
DEC	37.3	3.9	20.6	58.	1970	8	-34.	1961	12	0.0	10.0	30.7	12.5	.29	.63	1961	11	3.8	11.	1964	4	1.1	.2	0.0
ANNUAL	60.1	24.9	42.5							2.	30.	227.	39.	7.8				23.				25.	4.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.05	0.00	.56	.49	0.00	0.00	0.00	0.00	4.86
.10	0.00	0.00	0.00	.03	.11	0.00	.69	.64	0.00	.09	0.00	0.00	5.40
.20	0.00	.04	.18	.09	.22	.07	.87	.87	.06	.19	0.00	0.00	6.10
.30	.09	.09	.18	.14	.36	.16	1.02	1.02	.19	.28	.07	.09	6.64
.40	.14	.13	.29	.21	.50	.27	1.17	1.25	.33	.48	.14	.15	7.13
.50	.19	.19	.40	.29	.70	.41	1.31	1.42	.49	.68	.21	.22	7.61
.60	.26	.26	.59	.40	1.00	.58	1.47	1.65	.67	.90	.38	.38	8.11
.70	.38	.38	.81	.57	1.11	.89	1.66	1.90	.92	.74	.58	.58	8.67
.80	.50	.44	1.11	.85	1.22	1.15	1.89	2.23	1.28	.93	.82	.74	9.36
.90	.61	.57	1.56	1.23	1.33	1.43	2.25	2.71	1.84	1.24	.95	.86	10.37
.95					1.63	1.73	2.57	3.18	2.41	1.54	.95	.86	11.25
ALPHA	2.20	1.87	2.50	1.11	.99	.85	5.04	3.53	1.07	1.68	1.32	1.62	15.77
BETA	.13	.13	.15	.39	1.02	.89	.26	.65	.81	.37	.28	.22	.49
Q	.20	.15	.10	.05	0.00	.10	0.00	0.00	.15	.05	.20	.20	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

BLANCA

05 776 5

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.25	T	.10	.52	.23	.00	.90	1.25	.07	.65	.12	.32	4.41
1952	.27	.39	.08	.38	.87	.15	1.79	1.62	1.25	.27	.84	.16	7.77
1953	.06	.49	.44	.56	1.94	1.18	2.11	1.47	.00	1.14	.52	.02	9.93
1954	.30	.05	.65	.03	2.35	.02	2.60	1.19	.24	.52	.11	.10	8.16
1955	.34	.29	.11	.21	2.46	.36	1.20	1.82	.13	.02	.03	T	6.97
1956	.54	.05	.10	.99	1.26	.05	.57	1.02	.00	.25	.46	.16	5.45
1957	.53	.13	.18	.99	3.38	.44	1.68	1.77	.00	1.20	.82	.00	11.12
1958	.25	.19	.60	1.02	.54	.30	.84	1.07	.19	.93	.39	.06	6.38
1959	.13	.32	.28	.74	1.46	.32	.69	1.73	.75	1.37	.09	.23	8.11
1960	.60	.76	.24	.65	.03	.60	.79	.26	.29	1.27	.20	.27	5.96
1961	.10	.19	.53	.49	.95	.07	.79	3.51	1.52	.45	.41	.83	9.84
1962	T	.19	.68	.14	.03	.23	.94	.64	.72	.44	.87	.23	5.11
1963	.53	.54	.60	.00	.11	.53	1.23	1.79	.40	.31	.14	T	6.18
1964	.05	T	.35	.10	.84	.14	1.29	.70	1.71	T	.74	.63	6.55
1965	.23	.14	.35	.15	.86	1.19	2.31	.82	2.63	.67	T	.47	9.82
1966	.22	.06	.00	.01	.12	1.84	1.50	1.70	.04	.37	.05	.65	6.56
1967	.10	.25	.29	.75	1.12	1.59	1.30	2.20	.90	.15	.00	.59	9.24
1968	T	.33	T	.21	.50	.00	3.06	3.72	.48	.23	.20	.60	9.33
1969	T	.13	.71	.06	.66	3.40	1.48	1.48	1.35	1.20	T	.43	10.90
1970	.00	T	.30	.20	.48	1.26	1.06	1.92	2.13	.39	T	.00	7.74

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.0	T	2.0			.0	
51-52	.0	.0	.0	.0	.0					T	T	.0	.0
52-53	.0	T	.0	.0			.0		.0		2.0	.0	.0
53-54	.0	.0	.0	.0	3.0	.3	4.0			.0		.0	.0
54-55	.0	.0	.0	.0	.5	.0	3.0						
55-56					1.0	T			.6	11.8	.0	.0	
56-57	.0	.0	.0	.0	5.0	2.0	5.5	2.0	3.0	6.0	.0	.0	23.5
57-58	.0	.0	.0	.0	13.0	.0	6.8	4.0	11.7	21.2	.0	.0	56.7
58-59	.0	.0	.0	T	7.0	2.0	4.0	7.5	5.3	11.5	.0	.0	37.3
59-60	.0	.0	.0	6.0		6.5	12.0	10.0	6.0		.0	.0	
60-61	.0	.0	.0		.0	3.0		3.0		.0	.0	.0	
61-62	.0	.0		3.0		14.0	T	3.0	1.0	.0	.0	.0	
62-63	.0	.0	.0	.0	10.0	4.5	8.0	8.0	7.5	.0	.0	.0	38.0
63-64	.0	.0	.0	.0		.0		T	6.0		.0	.0	
64-65	.0	.0	.0	.0	11.0	12.0	2.0	4.0	6.5	.0	.0	.0	35.5
65-66	.0	.0	.0	.0	T		4.0	1.0	.0	T	.0	.0	
66-67	.0	.0	.0	4.0	.0	3.0	2.0	4.0	4.0	7.0	.0	.0	24.0
67-68	.0	.0	.0	3.0	.0		.0		.0	.0	.0	.0	
68-69	.0	.0	.0	.0	.0	9.0	.0			.0	.0	.0	
69-70	.0	.0	.0	.0	.0	4.5	.0	T		.0	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960					68.4	79.8	84.1	84.4	76.8	61.2	51.4	35.2	
1961	35.6	43.9	47.9	58.1	70.2	82.3	83.2	78.4	70.3M	63.3	44.0	33.4	59.2*
1962	34.4	45.2	46.0	61.9	70.6	78.1	81.5	83.6	73.4	66.4	52.0	43.8	61.4
1963	32.3	41.4	48.0	60.6	72.6	79.1	85.8	79.6	77.8M	69.3	51.9	40.8	61.6*
1964	36.1	36.0	44.5	56.9	69.3	77.8	86.3M	79.3	71.6	66.3	45.0	30.2	58.3*
1965	33.5	37.7	43.5	58.1	66.9	75.0	82.0	78.7	68.4	65.8	52.9	40.4	58.6
1966	32.1M	32.8	53.4	61.0	72.5	77.3	84.8	79.9	76.4	64.2	53.7	38.9	60.6*
1967	39.9	42.8	56.4	59.7	67.0	74.0	82.0M	76.6	70.8	66.4	52.2	31.5	59.9*
1968	30.7	40.4	49.7	54.9	65.5	80.4	80.3M	75.3	73.2	65.7	45.7	36.5	58.2*
1969	40.1	41.3	43.4	61.5	71.3	73.8	83.0	81.8	72.6	54.1	48.1	37.3	59.0
1970	36.5	46.9	45.9	54.7	69.9	75.5	83.0	81.7	72.2	54.8	50.0	42.5	59.5

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960					31.5	42.9	45.8	45.0	36.7	26.3	15.1	4.0	
1961	- 4.5	8.4	18.1	23.5	33.9	40.7	45.3	46.6	35.7M	23.7	13.8	- .9	23.7*
1962	.9	14.4	10.3	26.7	27.3	37.9	43.8	40.3	38.6	28.1	18.1	11.6	24.8
1963	- 2.5	10.8	16.8	25.0	35.5	40.5	49.7	46.8	39.5M	30.2	13.7	.6	25.6*
1964	- 2.1	1.6	7.6	20.8	33.2	39.9	46.1	43.1	38.8	25.5	11.6	- 2.7	22.0
1965	6.6	7.4	12.1	23.2	32.6	41.6	48.7	42.5	37.4	26.4	19.3	8.0	25.5
1966	- 3.1M	1.0	15.3	26.2	32.8	39.5	49.0	44.4	34.9	25.0	15.9	5.8	23.9*
1967	3.1	6.6	19.6	23.5M	29.8	40.6	49.3M	42.7	37.1	24.1	16.2	2.6	24.6*
1968	- 3.5	10.6	15.3	21.1	32.9	41.3	45.7M	45.8	35.1	26.4	16.0	3.5	24.2*
1969	12.2	9.9	14.2	27.0	34.3	40.0	50.1	49.2	37.6	26.5	13.7	5.0M	26.6*
1970	3.1	11.1	14.6	18.9	31.3	38.5	47.7	46.3	35.0	24.0	17.1	5.2	24.4

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960					50.0	61.4	65.0	64.7	56.8	43.8	33.3	19.6	
1961	15.6	26.2	33.0	40.8	52.1	61.5	64.3	62.5	53.0M	43.5	28.9	16.3	41.5*
1962	17.7	29.8	28.2	44.3	49.0	58.0	62.7	62.0	56.0	47.3	35.1	27.7	43.2
1963	14.9	26.1	32.4	42.8	54.1	59.8	67.2	63.2	58.7M	49.8	32.8	20.7	43.6*
1964	17.0	18.8	26.1	38.9	51.3	58.9	66.2M	61.2	55.2	45.9	28.3	13.8	40.1*
1965	20.1	22.6	27.8	40.7	49.8	58.3	65.4	60.6	52.9	46.1	36.1	24.2	42.1
1966	14.5M	16.9	34.4	43.6	52.7	58.4	66.9	62.2	55.7	44.6	34.8	22.4	42.3*
1967	21.5	24.7	38.0	41.6M	48.4	57.3	65.7M	59.7	54.0	45.3	34.2	17.1	42.3*
1968	13.6	25.5	32.5	38.0	49.2	60.9	63.0M	60.6	54.2	46.1	30.9	20.0	41.2*
1969	26.2	25.6	28.8	44.3	52.8	56.9	66.6	65.5	55.1	40.3	30.9	21.2M	42.9*
1970	19.8	29.0	30.3	36.8	50.6	57.0	65.4	64.0	53.6	39.4	33.6	23.9	42.0

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BONNY DAM

05 834 3

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR'S	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	EXTREMES										MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	42.1	13.4	27.8	78.	1951	27	-20.	1963	13	0.0	7.6	30.7	4.4	.24	.70	1951	31	4.0	12.	1960	24	1.0	.1	0.0
FEB	45.8	17.3	31.6	80.	1970	18	-20.	1960	25	0.0	5.0	27.6	1.3	.31	1.10	1960	4	4.0	19.	1960	29	.8	.1	.1
MAR	49.8	21.6	35.7	88.	1963	29	-24.	1960	3	0.0	4.4	28.4	.8	.69	.60	1969	2	7.9	24.	1960	5	2.6	.2	0.0
APR	62.6	33.8	48.3	89.	1953	28	11.	1961	9	0.0	.4	12.5	0.0	1.24	1.41	1966	12	2.1	7.	1964	5	2.6	.9	.1
MAY	73.0	45.2	59.1	97.	1962	12	23.	1967	1	2.3	0.0	1.2	0.0	2.73	2.21	1958	2	.3	5.	1954	2	5.6	1.7	.6
JUN	83.5	54.8	69.2	107.	1954	25	31.	1951	2	9.3	0.0	0.0	0.0	2.63	2.04	1965	5	0.0	0.	0	0	5.9	1.7	.7
JUL	90.7	61.4	76.1	109.	1954	12	43.	1959	1	19.9	0.0	0.0	0.0	2.44	2.32	1968	27	0.0	0.	0	0	5.4	1.8	.5
AUG	89.1	59.4	74.3	108.	1969	9	40.	1964	28	17.5	0.0	0.0	0.0	2.02	2.22	1965	20	0.0	0.	0	0	4.2	1.3	.3
SEP	79.9	49.2	64.6	101.	1964	10	29.	1970	26	6.5	0.0	.5	0.0	1.32	1.82	1963	8	0.0	0.	0	0	3.3	.9	.2
OCT	68.8	36.8	52.8	93.	1964	2	15.	1959	31	.3	.1	8.6	0.0	1.02	1.41	1960	19	2.0	5.	1966	15	2.6	.8	.2
NOV	52.9	24.3	38.6	80.	1958	11	-7.	1952	28	0.0	2.8	26.6	.4	.40	.83	1970	11	2.9	10.	1956	4	1.4	.1	0.0
DEC	44.2	16.3	30.3	79.	1964	24	-17.	1961	13	0.0	5.8	30.6	1.9	.29	.46	1960	28	4.1	9.	1952	13	1.0	0.0	0.0
ANNUAL	65.2	36.1	50.7							95.	26.	167.	9.	15.3				27.				36.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.13	.83	0.00	.57	.25	0.00	.06	0.00	.04	8.31
.10	0.00	0.00	.17	.22	1.09	.37	.80	.41	0.00	.13	.03	.06	9.54
.20	.04	0.00	.30	.40	1.48	.82	1.16	.70	.36	.25	.09	.10	11.18
.30	.09	.04	.40	.57	1.51	1.22	1.48	.98	.59	.39	.15	.14	12.47
.40	.14	.10	.50	.75	2.13	1.64	1.80	1.28	.82	.55	.21	.19	13.66
.50	.19	.17	.60	.96	2.47	2.09	2.13	1.61	1.06	.73	.29	.23	14.83
.60	.24	.26	.72	1.52	2.84	2.51	2.51	1.94	1.34	.95	.38	.29	16.07
.70	.31	.38	.85	2.21	3.28	3.27	3.56	2.47	1.68	1.23	.49	.36	17.48
.80	.40	.54	1.03	3.03	3.84	4.14	4.55	3.11	2.13	1.80	.65	.45	19.22
.90	.55	.84	1.32	4.53	5.72	6.57	8.49	5.16	3.86	2.99	.92	.60	21.81
.95	.69	1.14	1.58	6.30	8.53	9.94	13.38	8.18	5.57	4.06	1.18	.74	24.12
ALPHA	1.60	.88	2.50	1.41	3.40	1.61	2.56	1.57	1.71	1.10	1.16	1.62	9.97
BETA	.18	.45	.29	.88	.80	1.72	.96	1.29	.86	.93	.36	.18	1.54
Q	.15	.20	.05	0.00	0.00	.05	0.00	0.00	.10	0.00	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.70	.16	T	2.25	2.02	5.24	3.33	3.07	1.87	.80	.62	.20	20.26
1952	.12	.20	.63	1.64	2.86	.07	1.20	1.51	.66	.09	.28	.51	9.77
1953	T	.32	.39	2.42	.90	1.21	1.23	2.53	.00	.20	.83	.34	10.37
1954	.15	T	.34	.09	1.80	1.10	.77	.20	.41	1.38	.06	.10	6.40
1955	.15	.17	.15	.65	3.03	2.35	.24	.92	.79	1.05	.04	.11	9.65
1956	.37	.09	.37	.10	1.17	.65	3.69	3.11	T	.50	.96	.13	11.14
1957	.07	T	1.37	2.82	5.07	3.69	2.64	2.66	.23	1.35	.26	.24	20.40
1958	.13	.48	1.55	1.41	5.90	3.79	3.70	2.58	.89	.66	.23	.44	21.76
1959	.49	.22	.87	.76	2.61	.82	2.61	1.56	1.30	1.75	.01	.36	13.36
1960	.94	2.94	.48	1.08	2.66	2.51	3.90	.03	.93	2.09	.15	1.07	18.78
1961	T	T	1.16	1.11	4.04	1.36	4.22	1.47	2.20	.42	.78	.42	17.18
1962	.26	.23	.66	.80	3.26	5.88	2.00	2.07	.66	.71	.40	.33	17.26
1963	.31	.07	1.80	.06	1.62	2.32	1.84	2.88	4.70	.15	.39	.15	16.29
1964	T	.19	.61	2.16	2.92	2.86	.57	.63	.82	.05	.17	.05	11.03
1965	.25	.46	.36	.25	2.28	8.09	3.39	4.65	3.26	1.42	T	.44	24.85
1966	.32	.39	.22	1.93	.34	2.20	3.17	1.94	3.02	.92	.31	.16	14.92
1967	.200	T	.56	1.19	4.12	3.07	2.12	.70	2.85	.81	.20	.23	16.05*
1968	.82	.12	.25	1.21	2.18	.00	4.10	3.30	.75	.07	.30	.36	12.66
1969	.30	.24	1.08	1.57	3.51	1.59	1.05	1.40	.35	4.08	.34	.180	15.69*
1970	.07	.01	.90	1.33	2.35	3.76	3.12	3.15	.80	1.870	1.68	.01	19.05*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52							T	T			T	.0	
52-53		.0	.0	.0				T		.0	5.0	.0	
53-54	.0	.0	.0	.0					4.0	.0	T	.0	
54-55	.0	.0	.0	.0	1.0	2.0	3.0			.0	T	.0	
55-56	.0	.0	.0	T	.5	1.5		4.0	8.0	1.5	.0	.0	
56-57	.0	.0	.0		14.5	3.5	2.0	T			.0	.0	
57-58	.0	.0	.0	.5	3.3	2.8	3.0	4.1	15.7	4.0	1.0	.0	34.4
58-59	.0	.0	.0	.0	8.0	7.3	9.0	3.0	11.0	6.0	.0	.0	44.3
59-60	.0	.0	T	7.0	T	2.3	12.0	34.8	9.3	T	.0	.0	65.4
60-61	.0	.0	.0	.2	2.0	9.5	T	T	10.5	6.2	.0	.0	28.4
61-62	.0	.0	.0	.0	7.5	8.3	5.5	3.5	T	.0	.0	.0	24.8
62-63	.0	.0	T	.0	1.2	3.5	7.5	T	17.5	.0	.0	.0	29.7
63-64	.0	.0	.0	.0	1.0	6.5	T	4.0		12.0	.0	.0	
64-65	.0	.0	.0	.0	4.0	1.0	4.8		8.0	.0	.0	.0	
65-66	.0	.0	.0	.0	T	3.8	8.0		4.0	1.0	T	.0	
66-67	.0	.0	.0	8.0	.3	2.5		T	3.5	.1	T	.0	
67-68	.0	.0	.0	.0	2.8	7.0	T	1.6	3.0	T	.0	.0	14.4
68-69	.0	.0	.0	.0	.0					.0	.0	.0	
69-70	.0	.0	.0			3.6	.5	.3			.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.7M	48.1M	49.8M	57.6	72.4	74.8	84.5	87.2	76.2	65.0	50.7	40.5	62.5*
1952	45.6	47.7	43.9	61.9	71.4	91.5	92.0	90.7	84.2	70.8	48.3	37.5	65.5
1953	49.3	47.4	58.9	57.2	65.5	89.3	91.5	87.1	85.9	72.6	52.4	39.0	66.7
1954	42.0	58.5	49.2	70.5	67.2	89.5	96.5	91.8	87.2	65.3	59.5	47.9	68.8
1955	39.6	40.3	52.4	65.3	75.1	78.1	95.6	93.4	82.0	73.2	49.4	43.4	65.7
1956	44.4	38.8	53.8	61.3	76.4	92.4	89.6	87.9	84.8	74.9	46.9	47.7	66.6
1957	34.0	50.9	47.8	54.6	66.7	80.2	90.6	89.1	78.9	62.6	49.1	52.9	63.1
1958	47.0	45.3	35.7	58.1	75.4	81.5	84.7	89.4	82.4	70.1	54.9	45.3	64.2
1959	40.6	40.8	50.7	61.2	71.5	88.3	89.2	93.3	78.2	62.7	50.9	50.2	64.8
1960	36.6	29.7	42.9	66.6	71.5	81.9	88.3	91.5	82.3	69.4	56.3	42.5	63.3
1961	43.8	50.3	51.5	58.7	67.9	83.4	89.5	89.1	74.0	68.8	48.5	39.4	63.7
1962	36.3	48.9	51.3	66.6	79.6	79.9	88.4	91.0	77.7	72.1	56.9	47.9	66.4
1963	31.0	52.8	53.3	69.4	77.8	88.2	95.9	89.9	80.9	77.9	57.7	38.4	67.8
1964	48.5	40.7	47.3	59.7	75.9	81.3	95.4	88.6	80.2	71.9	53.5	46.5	65.8
1965	48.5	42.3	41.2	68.8	76.7	79.3	88.8	85.5	66.0	71.6	59.0	47.8	64.6
1966	35.5	36.6	56.8	60.6	77.4	83.6	92.9	84.5	79.1	67.6	54.9M	42.5	64.3*
1967	48.1	50.0	60.0	65.6	67.3	77.2	86.3	86.6	77.1	71.2	53.2	39.9	65.2
1968	43.2	48.0	58.6	60.6	67.5	87.2	89.1	83.5	80.6	71.7	50.8M	38.6	65.0*
1969	43.0	45.0	44.2	67.3	74.0	79.0	94.1	90.2	81.1	54.6	54.0	46.0	64.4
1970	43.1	54.1	46.0	60.9	78.3	83.2	91.7	92.0	78.6	62.3	50.9	49.5	65.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.4M	16.4M	18.8M	31.3	46.5	51.5	61.5	59.9	47.0	36.5	20.7	14.0	34.8*
1952	14.5	19.0	20.8	36.0	46.1	59.6	60.6	61.4	50.9	34.0	22.2	13.5	36.6
1953	22.4	17.7	27.8	30.8	42.8	57.9	63.0	60.7	51.7	40.8	28.6	17.0	38.4
1954	16.6	27.3	21.4	37.6	44.2	56.5	66.6	62.1	54.0	38.2	29.0	18.3	39.3
1955	14.6	13.3	20.5	38.1	47.7	53.2	65.3	64.1	52.0	39.1	20.2	15.9	37.0
1956	16.7	14.6	24.0	31.9	48.1	61.5	61.5	58.2	49.9	40.1	25.8	21.8	37.8
1957	8.8	21.7	24.6	33.2	44.8	53.7	62.0	60.4	46.3	41.1	25.2	20.7	36.9
1958	15.1	19.7	19.5	33.9	50.4	56.2	59.4	59.9	52.0	36.3	24.7	20.0	37.3
1959	12.5	15.9	23.0	32.0	46.1	58.9	57.5	61.6	47.4	32.9	19.6	19.4	35.6
1960	10.8	9.0	18.6	36.6	43.9	53.9	59.2	58.5	49.8	38.6	24.6	17.0	35.0
1961	14.6	18.6	25.4	30.8	43.6	53.8	60.0	59.9	44.5	34.3	20.6	12.2	34.9
1962	7.7	19.0	18.8	35.6	47.0	53.8	59.9	57.3	48.8	37.2	26.6	18.8	35.9
1963	2.6	21.3	26.0	35.9	47.0	57.6	63.8	61.4	55.6	42.8	26.0	11.9	37.7
1964	15.3	16.1	18.8	33.2	44.1	52.4	62.7	55.2	48.5	33.5	23.9	13.2	34.7
1965	17.5	11.8	12.6	37.2	45.2	55.1	61.6	56.9	43.8	38.6	28.9	19.8	35.8
1966	8.5	14.1	25.9	32.1	44.4	53.7	64.8	56.2	50.1	33.9	24.2M	13.2	35.1*
1967	16.6	16.4	24.5	34.0	40.1	51.9	58.5	56.0	46.8	35.6	22.7	12.7	34.7
1968	12.8	16.7	22.3	29.7	40.2	53.5	59.1	55.5	46.5	35.6	24.2M	10.9	33.9*
1969	14.4	19.7	18.0	36.5	47.7	48.9	60.6	61.3	53.3	34.6	24.9	20.5	36.7
1970	13.2	18.3	20.5	30.5	44.3	51.9	61.3	60.6	45.8	33.0	24.3	15.9	35.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.1M	32.3M	34.3M	44.5	59.5	63.2	73.0	73.6	61.6	50.8	35.7	27.3	48.7*
1952	30.1	33.4	32.4	49.0	58.8	75.6	76.3	76.1	67.6	52.4	35.3	25.5	51.0
1953	35.9	32.6	43.4	44.0	56.2	73.6	77.3	73.9	68.8	56.7	40.5	28.0	52.6
1954	29.3	42.9	35.3	54.1	55.7	73.0	81.6	77.0	70.6	51.8	44.3	33.1	54.1
1955	27.1	26.8	36.5	51.7	61.4	65.7	80.5	78.8	67.0	56.2	34.8	29.7	51.4
1956	30.6	26.7	38.9	46.6	62.3	77.0	75.6	73.1	67.4	57.5	36.4	34.8	52.2
1957	21.4	36.3	36.2	43.9	55.8	67.0	76.3	74.8	62.6	51.9	37.2	36.8	50.0
1958	31.1	32.5	27.6	46.0	62.9	68.9	72.1	74.7	67.2	53.2	39.8	32.7	50.7
1959	26.6	28.4	36.9	46.6	58.8	73.6	73.4	77.5	62.8	47.8	35.3	34.8	50.2
1960	23.7	19.4	30.8	51.6	57.7	67.9	73.8	75.0	66.1	54.0	40.5	29.8	49.2
1961	29.2	34.5	38.5	44.8	55.8	68.6	74.8	74.5	59.3	51.6	34.6	25.8	49.3
1962	22.0	34.0	35.1	51.1	63.3	66.9	74.2	74.2	63.3	54.7	41.8	33.4	51.2
1963	16.8	37.1	39.7	52.7	62.4	72.9	79.9	75.7	68.3	60.4	41.9	25.2	52.8
1964	31.9	28.4	33.1	46.5	60.0	66.9	79.1	71.9	64.4	52.7	38.7	29.9	50.3
1965	33.0	27.1	26.9	53.0	61.0	67.2	75.2	71.2	54.9	55.1	44.0	33.8	50.2
1966	22.0	25.4	41.4	46.4	60.9	68.7	78.9	70.4	64.6	50.8	39.6M	27.5	49.8*
1967	32.4	33.2	42.3	49.8	53.7	64.6	72.4	71.3	62.0	53.4	38.0	26.3	50.0
1968	28.0	32.4	40.5	45.2	53.9	70.4	74.1	69.5	63.6	53.7	37.5M	24.8	49.5*
1969	28.7	32.4	31.1	51.9	60.9	64.0	77.4	75.8	67.2	44.6	39.5	33.3	50.6
1970	28.2	36.2	33.3	45.7	61.3	67.6	76.5	76.3	62.2	47.7	37.6	32.7	50.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BOULDER

05 848 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	.10 OR MORE									.50 OR MORE	1.00 OR MORE	
JAN	46.3	21.6	34.0	72.	1953	9	-22.	1963	12	0.0	4.7	25.8	2.0	.58	.98	1962	8	9.6	15.	1962	8	2.1	.1	0.0	
FEB	48.5	24.2	36.3	79.	1954	8	-15.	1951	1	0.0	2.6	22.9	.4	.83	1.03	1957	28	12.5	11.	1968	13	2.5	.2	.1	
MAR	52.0	26.7	39.4	78.	1967	29	-3.	1960	3	0.0	2.6	22.0	.4	1.61	1.48	1952	21	20.6	27.	1970	31	4.7	.8	.2	
APR	62.7	36.0	49.4	83.	1960	21	5.	1959	10	0.0	.2	9.9	0.0	1.83	3.31	1957	2	11.8	19.	1959	9	4.5	.8	.2	
MAY	72.6	46.3	59.5	93.	1954	20	22.	1954	2	.4	0.0	.9	0.0	3.28	3.37	1969	7	1.2	4.	1954	1	5.7	2.2	.9	
JUN	81.9	54.6	68.3	104.	1954	23	30.	1951	2	7.0	0.0	.1	0.0	2.20	2.65	1963	16	.1	0.	0	0	5.4	1.3	.3	
JUL	88.3	61.0	74.7	104.	1954	11	44.	1952	7	14.8	0.0	0.0	0.0	1.86	1.49	1969	17	0.0	0.	0	0	5.2	.8	.4	
AUG	86.3	59.1	72.7	101.	1969	8	44.	1962	31	9.9	0.0	0.0	0.0	1.70	3.06	1951	3	0.0	0.	0	0	3.8	.6	.1	
SEP	78.7	50.3	64.5	97.	1959	6	27.	1965	17	2.6	0.0	.5	0.0	1.52	1.54	1970	25	.9	5.	1959	29	3.5	1.0	.4	
OCT	68.1	40.6	54.4	90.	1953	1	10.	1969	13	0.0	.1	5.8	0.0	1.25	1.61	1951	5	5.8	13.	1969	12	2.9	.6	.2	
NOV	54.6	29.4	42.0	79.	1952	4	-2.	1951	2	0.0	1.8	19.0	.1	.97	.85	1970	13	10.9	10.	1959	26	3.1	.2	0.0	
DEC	47.9	24.0	36.0	75.	1965	4	-9.	1964	17	0.0	2.8	25.2	.6	.64	.52	1951	30	9.8	8.	1955	3	2.4	0.0	0.0	
ANNUAL	65.6	39.5	52.6							35.	15.	132.	4.	18.3				83.				46.	9.	3.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.08	.16	.41	.77	.81	.63	.61	.14	.06	.13	.33	.10	10.77
.10	.12	.24	.56	.42	1.12	.84	.79	.25	.13	.23	.43	.16	12.12
.20	.21	.36	.79	.66	1.60	1.15	1.05	.48	.30	.40	.54	.25	13.90
.30	.29	.47	1.00	.94	2.02	1.43	1.27	.71	.49	.57	.67	.34	15.30
.40	.37	.58	1.21	1.20	2.44	1.69	1.48	.97	.73	.76	.78	.43	16.56
.50	.47	.71	1.42	1.49	2.89	1.97	1.70	1.27	1.01	.97	.89	.53	17.80
.60	.58	.84	1.66	.83	3.38	2.28	1.94	1.63	1.36	1.22	1.01	.64	19.10
.70	.71	1.01	1.95	.24	3.97	2.64	2.23	2.07	1.82	1.52	1.15	.78	20.57
.80	.90	1.20	2.32	.60	4.74	3.11	2.57	2.69	2.47	1.94	1.33	.97	22.37
.90	1.20	1.98	3.02	.70	5.96	4.85	3.13	3.73	3.60	2.64	1.61	1.27	23.04
.95	1.49	1.91	3.47	4.57	7.11	6.54	3.65	4.75	4.73	3.32	1.86	1.56	27.40
ALPHA	1.60	2.18	2.76	1.72	2.70	3.16	3.80	1.23	.90	1.41	4.09	1.85	12.84
BETA	.36	.38	.58	1.07	1.22	.69	.49	1.38	1.69	.88	.24	.35	1.42
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.12	1.01	2.40	2.73	1.93	2.63	1.40	7.49	.88	2.77	1.51	1.54	27.41
1952	.01	.48	2.26	3.29	4.45	.77	.91	2.19	.49	.42	1.71	.17	17.15
1953	.46	.92	1.60	2.22	2.69	1.33	2.84	1.07	.01	.56	1.14	1.17	16.01
1954	.48	.25	1.16	.83	1.33	1.16	1.73	.83	1.37	.42	.67	.68	10.91
1955	.39	1.41	2.14	.22	2.49	1.88	1.33	1.50	1.05	.56	1.42	.86	15.25
1956	.41	1.53	1.59	1.46	3.67	1.90	2.50	2.24	.02	.50	1.83	.80	18.45
1957	1.05	1.28	.63	6.85	9.27	.93	.92	1.97	.85	2.48	1.12	.08	27.43
1958	.74	.53	2.80	3.19	4.17	2.05	1.99	.82	1.05	.56	.63	.75	19.28
1959	1.01	1.29	1.91	2.08	3.73	.64	.82	1.35	3.01	2.18	.72	.11	18.85
1960	.54	1.04	.72	1.90	3.79	1.03	1.28	.41	.67	2.38	.27	1.27	15.30
1961	.43	.70	2.68	.73	3.70	2.17	2.31	2.06	4.89	1.04	1.25	.43	22.39
1962	1.52	.92	.48	.99	1.99	2.25	2.16	.19	.28	1.09	.84	.16	12.77
1963	.96	.40	1.81	.15	1.37	4.62	.69	2.34	2.96	.34	.70	.61	16.95
1964	.43	.65	1.48	.86	2.27	1.27	2.02	.33	.36	.28	.64	.88	11.47
1965	.73	1.19	2.11	2.38	1.42	2.49	5.20	.23	2.84	.18	.26	.44	19.47
1966	.20	1.33	.31	1.21	.80	1.54	.92	.75	2.71	.60	.49	.27	11.13
1967	.61	.49	.82	2.10	4.46	4.98	2.97	3.94	1.02	1.58	.73	1.19	24.89
1968	.18	.99	.97	1.73	2.27	2.36	1.03	3.46	1.39	.54	.86	.41	16.19
1969	.29	.22	.53	1.14	8.66	5.34	2.75	.73	.76	5.39	.92	.79	27.52
1970	.10	.03	3.86	.63	1.17	2.61	1.35	.20	3.83	1.09	1.60	.18	16.65

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.3	9.2	30.7	17.9	T	2.2	
51-52	T	T	1.5	3.9	17.8	18.0	1.0	7.0	26.8	9.3	T	.0	85.3
52-53	.0	.0	.0	2.5	26.7	3.5	5.3	11.8	11.8	24.4	3.0	T	89.0
53-54	.0	.0	.0	.0	10.3	15.7	6.7	3.4	14.2	6.8	6.5	T	63.6
54-55	.0	.0	.0	4.2	4.0	7.5	6.5	21.3	26.0	2.5	T	T	72.0
55-56	.0	T	.0	2.0	14.7	9.2	5.1	25.3	18.8	9.6	.0	.0	84.7
56-57	.0	.0	.0	2.0	20.5	8.5	15.2	4.0	5.0	44.0	4.0	.0	103.2
57-58	.0	.0	T	1.6	4.6	1.0	11.9	6.4	28.8	16.1	.0	.0	70.4
58-59	.0	.0	.2	3.5	12.3	12.2	16.5	15.9	19.9	32.0	.0	.0	112.5
59-60	.0	.0	10.9	14.5	13.6	.5	10.4	21.4	10.5	7.7	1.5	.0	91.0
60-61	.0	.0	.0	4.5	5.5	18.1	9.7		30.3	6.4	T	.0	
61-62	.0	.0	T	10.7	13.7	8.6	25.1	12.5	6.6	4.3	.0	.0	81.5
62-63	.0	.0	.0	.0	6.9	1.5	15.4	5.6	28.6	1.5	.0	.0	59.5
63-64	.0	.0	.0	.7	4.5	11.2	7.5	12.0	22.1	16.0	.0	.0	74.0
64-65	.0	.0	.0	T	11.0	12.5	12.0	25.6	31.7	6.1	.0	.0	98.9
65-66	.0	.0	4.2	.0	2.5	10.2	7.3	23.9	3.8	9.0	2.6	.0	63.5
66-67	.0	.0	.0	6.1	8.4	5.2	13.3	7.3	9.8	T	6.3	.0	56.4
67-68	.0	.0	.0	3.1	13.8	31.4	.8	19.9	13.0	15.7	T	.0	97.7
68-69	.0	.0	.0	.5	7.5	9.5	6.6	5.3	17.5	T	.0	T	46.9
69-70	.0	.0	.0	49.3	10.8	8.2	2.0	T	56.7	7.5	.0	.0	134.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.5	49.3	50.4	59.4	72.6	75.5	89.2	85.2	78.0	64.7	53.7	42.7	63.6
1952	47.9	50.2	47.8	63.5	71.3	89.6	89.7	87.1	83.1	72.1	48.8	47.5	66.6
1953	55.2	48.3	59.7	57.4	67.8	85.8	89.2	87.4	84.9	70.7	57.9	47.1	67.6
1954	53.4	61.2	49.2	71.2	72.0	87.2	92.8	88.5	81.1	68.8	59.6	52.8	69.8
1955	42.4	42.3	51.5	67.2	73.9	78.7	91.2	87.5	80.3	71.7	51.8	49.5	65.7
1956	48.3	41.9	56.1	62.2	75.5	89.9	87.5	85.0	84.5	72.9	54.1	51.5	67.5
1957	39.0	54.9	53.7	55.5	66.3	81.6	88.6	88.0	78.3	65.0	50.6	56.0	64.8
1958	48.7	51.8	43.3	57.3	76.9	84.4	85.3	88.3	80.6	70.8	56.8	48.9	66.1
1959	45.2	42.3	53.3	60.0	69.5	85.3	86.9	87.0	74.8	63.7	55.8	51.5	64.6
1960	43.0	38.4	52.4	65.8	72.8	85.3	87.7	88.4	80.6	67.6	57.6	47.4	65.6
1961	50.0	52.1	51.0	61.8	71.6	80.6	86.3	85.5	70.6	66.2	49.7	41.5	63.9
1962	39.1	46.2	49.6	66.6	74.4	79.9	86.3	88.2	77.8	71.4	59.0	50.9	65.8
1963	36.9	52.9	53.8	65.5	77.0	83.6	91.0	82.6	81.5	72.7	58.1	46.5	66.8
1964	47.5	43.7	49.2	62.6	73.9	79.2	91.3	85.3	79.2	70.4	53.6	48.2	65.3
1965	49.9	45.9	43.4	64.7	72.1	78.2	86.2	83.7	68.8	72.5	58.6	50.6	64.6
1966	44.8	43.8	60.6	62.6	77.9	81.4	91.2	85.2	78.2	69.0	56.4	46.3	66.5
1967	49.4	51.5	60.8	65.9	67.7	73.9	85.4	83.6	77.9	70.3	54.6	39.9	65.1
1968	46.7	48.2	57.7	58.9	69.0	84.9	86.0	83.4	78.6	70.1	49.8	44.9	64.9
1969	49.4	48.9	47.5	67.6	74.3	73.7	89.1	88.7	80.4	52.9	54.4	47.6	64.5
1970	45.7	55.3	48.5	58.3	74.6	78.7	86.0	86.5	73.9	58.9	52.0	46.6	63.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	20.5	26.5	24.5	34.0	46.0	49.2	60.6	58.8	48.9	38.5	27.5	20.8	38.0
1952	24.0	26.0	24.7	38.4	46.1	59.7	62.0	57.9	54.0	42.4	25.5	25.3	40.5
1953	31.7	25.3	32.5	33.0	42.7	57.9	62.3	59.8	54.6	44.5	34.3	23.9	41.9
1954	26.2	34.0	25.2	40.5	44.5	55.8	63.8	61.4	54.9	40.1	35.4	26.5	42.4
1955	19.6	17.4	25.2	38.3	47.2	51.5	62.0	62.4	52.8	42.2	26.0	24.4	39.1
1956	26.4	19.8	29.3	36.2	48.5	60.0	60.8	59.0	54.2	43.9	28.4	28.1	41.2
1957	16.2	29.3	27.6	31.7	43.8	54.1	63.0	59.2	48.5	42.0	29.9	32.2	39.8
1958	25.3	27.6	23.6	35.4	51.7	56.1	58.0	61.3	51.0	41.6	28.3	25.7	40.5
1959	19.9	20.9	27.6	33.9	44.6	55.9	56.8	59.0	45.9	35.5	25.3	26.5	37.7
1960	19.5	18.3	28.1	38.7	46.3	56.7	61.4	59.4	52.1	41.4	30.1	23.5	39.6
1961	23.7	27.7	29.0	34.5	46.1	54.7	59.5	59.5	44.3	39.4	26.1	19.0	38.6
1962	11.4	23.2	24.5	38.9	48.6	53.1	57.8	57.9	49.3	43.6	32.6	24.8	38.8
1963	10.0	28.9	28.5	38.2	47.8	56.2	63.0	59.3	55.1	47.4	30.0	20.0	40.4
1964	23.3	20.3	23.2	34.9	48.1	53.7	62.7	57.5	49.5	41.1	30.0	24.6	39.1
1965	26.8	19.5	18.2	39.3	44.9	54.7	59.7	57.7	43.0	43.2	32.8	26.4	38.9
1966	18.0	18.8	31.9	34.4	49.0	53.6	64.1	57.9	50.7	38.1	29.9	21.9	39.0
1967	23.7	24.3	32.0	36.0	43.1	50.5	60.5	57.5	49.7	40.8	28.3	16.4	38.6
1968	20.6	24.9	31.4	32.6	42.2	54.4	59.2	56.6	47.9	40.3	27.1	20.4	38.1
1969	23.1	24.3	21.9	40.2	48.3	50.7	61.5	59.9	52.0	30.7	29.1	25.1	38.9
1970	22.0	26.5	25.0	31.9	47.1	53.2	60.7	60.4	47.8	36.3	31.1	24.7	38.9

BOULDER

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	31.5	37.9	37.5	46.7	55.3	62.4	74.9	72.0	63.5	51.6	40.6	31.8	50.8
1952	36.0	34.1	36.3	51.0	58.7	74.7	75.9	72.5	68.6	57.3	37.2	36.4	53.6
1953	43.5	36.8	46.1	45.2	55.3	71.9	75.8	73.6	69.8	57.6	46.1	35.5	54.8
1954	39.8	47.6	37.2	55.9	58.3	71.5	78.3	75.0	68.0	54.5	47.5	39.7	56.1
1955	31.0	29.9	38.4	52.8	60.6	65.1	76.6	75.0	66.6	57.0	38.9	37.0	52.4
1956	37.4	30.9	42.7	49.2	62.0	75.0	74.2	72.0	69.4	58.4	41.3	39.8	54.4
1957	27.6	42.1	40.7	43.6	55.1	67.9	75.8	73.6	63.4	53.5	40.3	44.1	52.3
1958	37.0	39.7	33.5	46.4	64.3	70.3	71.7	74.8	65.8	56.2	42.6	37.3	53.3
1959	32.6	31.6	40.5	47.0	57.1	70.6	71.9	73.0	60.4	49.6	40.6	39.0	51.2
1960	31.3	24.4	40.3	52.3	59.6	71.0	74.6	73.9	66.4	54.5	43.9	35.5	52.6
1961	36.9	39.9	40.0	48.2	58.9	67.7	72.9	72.5	57.5	52.8	37.9	30.3	51.3
1962	25.3	34.7	37.1	52.8	61.5	66.5	72.1	73.1	63.6	57.5	45.8	37.9	52.3
1963	23.5	40.9	41.2	51.9	62.4	69.9	77.0	71.0	68.3	60.1	44.1	33.3	53.6
1964	35.4	32.0	36.2	48.8	61.0	66.5	77.0	71.4	64.4	55.8	41.8	36.4	52.2
1965	38.4	32.7	30.8	52.0	58.5	66.5	73.0	70.7	55.9	57.9	45.7	38.5	51.7
1966	31.4	31.3	46.3	48.5	63.5	67.5	77.7	71.6	64.5	53.6	43.2	34.1	52.8
1967	36.6	37.9	46.4	51.0	55.4	62.2	73.0	70.6	63.8	55.6	41.5	28.2	51.9
1968	33.7	36.6	44.6	45.8	55.6	69.7	72.6	70.0	63.3	55.2	38.5	32.7	51.5
1969	36.3	36.6	34.7	53.9	61.3	62.2	75.3	74.3	66.2	41.8	41.8	36.4	51.7
1970	33.9	40.9	36.8	45.1	60.9	66.0	73.4	73.5	60.9	47.6	41.6	35.7	51.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BRANSON

05 898 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	YEARS		EXTREMES				MEAN: NO OF DAYS						SNOW, SLEET				MEAN: NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	90 OR ABOVE	32 OR BELOW											
JAN	45.7	21.0	33.4	69.	1956	5	-25.	1963	12	0.0	4.6	26.9	1.9	.44	1.10	1960	14	7.7	15.	1960	17	1.2	.1	.1		
FEB	47.5	22.2	34.9	72.	1963	1	-9.	1962	28	0.0	3.7	23.8	1.1	.75	1.00	1958	14	9.0	18.	1960	29	1.8	.4	.1		
MAR	51.9	25.1	38.5	77.	1966	31	-10.	1956	14	0.0	2.7	23.6	.9	.90	1.00	1955	31	10.8	12.	1969	14	2.6	.5	.1		
APR	63.6	35.5	49.6	86.	1965	22	7.	1959	12	0.0	.5	12.1	0.0	1.44	1.85	1969	16	6.3	12.	1969	16	2.9	.8	.4		
MAY	72.3	44.9	58.6	92.	1953	26	19.	1954	2	.5	0.0	2.7	0.0	2.20	2.85	1955	18	.9	4.	1954	1	5.2	1.6	.3		
JUN	82.4	53.9	68.2	99.	1952	12	34.	1970	1	5.8	0.0	0.0	0.0	1.36	1.30	1969	13	0.0	0.	0	0	3.8	1.2	.2		
JUL	87.0	59.3	73.2	100.	1966	4	40.	1970	7	12.3	0.0	0.0	0.0	2.78	2.00	1954	22	0.0	0.	0	0	6.0	1.8	.6		
AUG	84.9	58.2	71.6	97.	1963	1	41.	1967	31	7.7	0.0	0.0	0.0	2.91	2.26	1951	23	0.0	0.	0	0	5.6	2.1	.6		
SEP	78.7	51.6	64.7	95.	1960	5	27.	1965	17	1.7	0.0	.7	0.0	.93	2.00	1963	21	0.0	0.	0	0	2.9	.8	.1		
OCT	68.0	40.9	54.5	86.	1962	13	7.	1969	13	0.0	.1	6.1	0.0	.88	1.15	1954	6	2.8	12.	1960	16	2.6	.9	.1		
NOV	54.8	29.2	42.0	74.	1967	12	-8.	1952	25	0.0	1.4	18.8	.5	.64	.75	1964	3	5.8	8.	1957	21	2.0	.2	0.0		
DEC	47.5	23.2	35.4	78.	1965	4	-8.	1952	24	0.0	3.3	25.7	.8	.53	.76	1953	4	7.5	16.	1960	11	1.9	.1	0.0		
ANNUAL	65.4	38.7	52.1							28.	16.	141.	5.	15.8				51.				38.	10.	3.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.21	0.00	.67	.24	.64	1.06	0.00	0.00	0.00	0.00	0.16
.10	0.00	0.00	.29	.21	.88	.36	.89	1.33	.03	0.00	.08	.08	1.20
.20	.11	.13	.42	.45	1.20	.56	1.30	1.51	.13	.09	.19	.17	1.56
.30	.19	.24	.54	.68	1.46	.75	1.67	1.75	.25	.25	.29	.26	1.61
.40	.27	.37	.65	.91	1.70	.94	1.83	1.93	.34	.42	.39	.34	1.55
.50	.35	.50	.78	1.16	1.90	1.15	1.95	2.03	.42	.55	.51	.43	1.46
.60	.43	.62	.93	1.44	2.09	1.38	2.03	2.11	.50	.60	.64	.54	1.36
.70	.56	.91	1.09	1.80	2.24	1.66	2.09	2.17	.60	.70	.80	.68	1.26
.80	.72	1.22	1.32	2.27	2.39	2.04	2.37	2.41	.70	1.00	1.02	.83	1.17
.90	.97	1.73	1.67	3.05	2.79	2.65	3.05	3.13	1.00	1.43	1.38	1.11	1.06
.95	1.21	2.23	2.00	3.80	4.44	3.23	4.15	4.51	1.30	2.76	1.73	1.38	1.03
ALPHA	1.62	1.18	2.49	1.63	3.45	2.01	2.50	4.38	.84	1.20	1.52	1.71	17.82
BETA	.30	.69	.36	.93	.64	.68	1.11	.66	1.16	.86	.45	.33	.88
Q	.10	.10	0.00	.05	0.00	0.00	0.00	0.00	.05	.15	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.72	.04	.77	1.46	1.65	1.06	1.30	5.71	.17	.51	.99	.37	14.75
1952	.35	1.71	1.45	2.31	2.48	.29	1.59	2.13	1.07	.03	1.12	.88	15.41
1953	.56	1.00	.84	1.35	1.78	.63	4.29	3.07	.05	.26	1.07	1.85	17.19
1954	.60	.93	.62	.17	2.36	.93	3.56	2.08	.04	2.58	.17	.29	13.53
1955	.06	.25	1.10	2.64	6.80	.06	3.00	3.60	.61	T	.18	.25	18.75
1956	.10	.24	.81	.95	1.37	1.09	4.52	2.990	.02	.00	.690	.10	12.88*
1957	.16	T	2.150	5.07	1.94	1.09	2.94	1.46	.31	.86	1.47	.16	17.61*
1958	.20	1.33	1.21	.56	2.05	1.600	3.47	1.75	.12	.13	.65	1.110	15.18*
1959	.720	.74	1.45	1.06	2.98	2.22	.87	2.83	T	2.73	.21	.74	18.55*
1960	1.70	1.94	.30	.80	.95	2.26	2.05	1.70	2.56	2.57	.12	1.28	18.23
1961	.46	1.62	.93	.60	1.60	1.79	2.61	2.50	1.41	.45	1.03	.38	15.38
1962	.740	.07	.35	.95	.870	.79	1.91	.64	.39	.36	.47	.07	7.51*
1963	.12	.84	.30	.00	1.67	.88	.38	3.96	3.99	.77	.04	.24	13.19
1964	.43	1.96	.31	1.82	1.66	1.07	.35	1.52	.63	.00	1.16	.30	11.21
1965	.24	.45	.45	1.00	2.70	2.66	4.92	5.42	.45	.90	.00	.54	19.73
1966	.71	.48	.25	.37	1.57	2.26	2.07	3.12	2.08	.51	.10	.39	13.91
1967	.46	.32	.35	.25	1.39	1.10	2.83	5.80	.71	.63	.56	.62	15.02
1968	.14	.07	.81	2.09	3.50	.73	4.82	2.52	1.10	.65	1.09	.26	17.78
1969	T	.70	2.16	4.18	3.22	3.37	5.31	2.58	1.41	2.24	.67	.77	26.61
1970	T	T	1.43	1.35	.50	1.81	2.72	2.78	1.21	1.42	1.09	T	14.31

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.8	1.0	9.5	8.0	T	.5	
51-52	T	T	.0	1.0	11.1	5.2	4.0	17.0	13.0		T	.0	
52-53	T	.0	.0	T	13.2	12.1	9.0	9.3	2.1		9.0	T	54.7
53-54	.0	.0	.0	.0	10.5		9.0			.0	4.0	.0	
54-55	.0	.0	.0	.0	.0	7.0	2.0	3.0			.0	.0	
55-56	.0	.0	.0	.0	.0	3.0	3.0				1.5	.0	
56-57	.0	.0	.0	.0	.0	1.0	2.5	.0			.0	.0	
57-58	.0	.0	.0	.0	.0	4.0		13.0	15.0	3.0	.0	.0	
58-59	.0	.0	.0	.0	.0	8.0	16.0		16.0	7.0	.0	.0	
59-60	.0	.0	.0	12.0	5.0	12.0	17.0	26.0	6.0	4.0	T	.0	88.0
60-61	.0	.0	.0		2.0	23.0	5.0		11.5	6.0		.0	
61-62	.0	.0	.0	T	10.0	10.0	14.5			1.0		.0	
62-63	.0	.0	.0	.0	5.0	3.0	5.0	5.5	3.4	.0	.0	.0	21.9
63-64	.0	.0	.0	.0	.0		11.5	32.5	5.0	20.0	.0	.0	
64-65	.0	.0	.0	.0	2.5	5.0		11.0	10.0	T	T	.0	
65-66	.0	.0	T	.0	.0	5.0	15.0	6.5	3.0	4.0	.0	.0	33.5
66-67	.0	.0	.0	6.0	2.0	9.0	9.5	6.5	7.0	2.5	.0	.0	42.5
67-68	.0	.0	.0	4.0	7.0	15.0	4.0	2.0	14.0	14.0	.0	.0	
68-69	.0	.0	.0	6.0	11.0	4.5	T	1.5	26.5	19.5	.0	.0	69.0
69-70	.0	.0	.0	7.0	9.0	8.0	T	T	20.0	11.0	T	.0	55.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951						77.8	88.4	85.5	80.0	67.4	53.9	49.1	
1952	50.1	46.5	49.8	60.4	71.1	87.5	86.8	86.3	79.0	69.3	47.9	45.3	65.0
1953	51.6	47.3	58.2	62.3	67.0	89.3	86.8	83.7	82.9	67.6	57.5	44.5	66.6
1954	50.1	58.8	53.0	71.8	70.2	86.1	88.2	86.8	84.1	69.1	59.5	51.5	69.1
1955	45.8	46.1	57.4	65.2M	70.0	77.8	85.6M		82.0M	73.7M	55.2M	53.6	
1956	51.1	43.5	55.8	63.9	77.7	87.4	84.8		83.6	71.8M		49.5	
1957	46.8	56.7	57.3	66.1	78.8	85.2	84.4		78.0	64.4	47.2	54.3	
1958	44.5	50.6	43.5	57.7	73.5	85.4	86.7		80.7	68.5	58.7	52.1M	
1959	43.8	47.4	52.7	62.6	72.3	82.8M	86.2M	85.1	76.8M	63.9M	56.1	46.1	64.7*
1960	39.8	34.5	50.0	65.8M	70.7	82.5	85.2	87.8	78.7	65.9	57.6	40.6	63.2*
1961	42.0	44.1	50.5	62.7	72.7	80.8	83.7M	82.2	74.9M	67.8M	48.9	41.7	62.7*
1962	38.4	52.4	51.6	64.9		80.4	86.1	90.3	76.8	71.5	56.6	49.7	
1963	38.0	49.0	54.0	69.0	79.1	85.4	92.3	84.9	80.0	72.0	58.9	45.2	67.3
1964	44.1	35.6	46.4	60.6	74.1	82.5	91.7	86.1	77.0	69.9	52.6	46.1	63.9
1965	48.3	45.7	43.4	66.3	71.5	78.4	86.9	82.3	73.2	70.0	60.3	51.0	64.8
1966	41.5	40.9	58.2	64.4	76.6	83.3	91.0	82.3M	77.9M	66.7	58.6M	46.3	65.6*
1967	48.4	49.6	62.9	68.7	72.2	81.9	85.6	80.2	74.8	71.3	56.1	39.2	65.9
1968	47.2	49.5	55.1M	61.4	68.4	86.6M	86.4M	82.1M	78.4M	70.1	49.9	47.8	65.2*
1969	52.9	49.3	43.6	64.6	72.6	75.4	85.7	86.2	77.8	59.5	52.2	45.6	63.8
1970	44.4	54.7	48.5	59.0	75.0	80.8M	87.8	85.9	77.8	59.4	53.5	51.5	64.9*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951						49.5	61.1	59.6	49.3	39.9	27.6	22.1	
1952	26.2	23.4	22.8	35.6	45.3	60.2	58.4	58.9	52.2	39.5	21.9	20.3	38.7
1953	25.3	20.6	29.3	30.8	42.1	60.8	62.0	57.9	53.6	43.6	33.4	20.4	40.0
1954	25.6	29.7	25.2	40.9	43.5	56.1	62.8	58.3	55.0	43.6	32.0	22.9	41.3
1955	21.2	20.1	27.9	38.3M	44.7	48.5	57.5M		50.6M	39.8M	23.5M	27.1	
1956	24.7	17.2	23.5	31.0	46.4	55.9	57.7		52.8	43.0M		24.8	
1957	18.0	29.6		31.1	40.5	50.3	59.1	57.8	48.1	41.0	25.3	26.7	
1958	21.4	26.3	21.3	31.7	49.3		57.3	59.5	50.6	40.6	29.6	25.1M	
1959	18.4	22.9	23.9	34.1	44.9	54.9M	55.2M	59.2	47.5M	37.6M	24.8	24.3	37.3*
1960	17.0	11.7	25.2	37.6	43.3	54.7	58.4	58.5	52.7	40.8	29.8	20.6	37.5
1961	20.5	23.0	27.0	32.7	44.6	53.8	57.7M	57.8	46.0M	39.1M	25.9	19.8	37.3*
1962	13.4	27.3	25.0	38.2		52.5	58.0	60.8	52.1	43.9	33.3	25.8	
1963	11.5	25.3	29.9	40.5	49.5	56.9	63.6	59.3	54.4	48.8	33.2	20.5	41.1
1964	20.5	13.7	21.7	33.4	47.6	53.7	62.9	57.5	51.1	42.4	29.8	24.5	38.2
1965	24.0	18.8	17.2	37.2	45.1	51.6	57.7	56.3	46.9	41.7	36.2	27.1	38.3
1966	16.5	19.0	30.1	33.8	44.0	54.4	62.3	56.7M	50.3M	38.4	32.4M	21.3	38.3*
1967	24.5	21.8	31.7	39.1	40.9	50.5	58.8	54.0	47.8	40.6	29.1	16.3	37.9
1968	22.6	22.4	27.3M	31.5	40.5	55.1M	57.2M	56.1M	50.5M	43.6	27.7	23.7	38.2*
1969	27.9	24.3	19.8	41.7	49.1	51.9	61.3	60.1	53.1	34.5	29.0	24.0	39.7
1970	20.0	25.5	23.2	34.8	47.8	53.5M	57.2	59.8	46.2	34.7	30.2	25.8	38.4*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951						63.7	74.8	72.6	64.7	53.7	40.8	35.6	
1952	38.2	35.0	36.3	48.0	58.2	73.9	72.6	72.6	65.6	54.4	34.9	32.8	51.9
1953	38.5	34.0	43.8	46.6	54.6	75.1	74.4	70.8	68.3	55.6	45.5	32.5	53.3
1954	37.9	44.3	39.1	56.4	56.9	71.1	75.5	72.6	69.6	56.4	45.8	37.2	55.2
1955	33.5	33.1	42.7	51.8M	57.4	63.2	71.6M		66.3M	56.8M	39.4M	40.4	
1956	37.9	30.4	39.7	47.5	62.1	71.7	71.3		68.2	57.4M		37.2	
1957	32.4	43.2	44.2	44.2	53.3	64.6	72.2	71.1	63.1	52.7	36.3	40.5	
1958	33.0	38.5	32.4	44.7	61.4		71.4	73.1	65.7	54.6	44.2	38.6M	
1959	31.1	35.2	38.3	48.4	58.6	68.9M	70.7M	72.2	62.2M	50.8M	40.5	35.2	51.0*
1960	28.4	23.1	37.6	51.7M	57.0	68.6	71.8	73.2	65.7	53.3	43.7	30.6	50.4*
1961	31.3	33.6	38.8	47.7	58.7	67.3	70.7M	70.0	60.5M	53.5M	37.4	30.8	50.0*
1962	25.9	39.9	38.3	51.6		66.5	72.1	75.6	64.5	57.7	45.0	37.8	
1963	24.8	37.2	42.0	54.8	64.3	71.2	78.0	72.1	67.2	60.4	46.1	32.9	54.3
1964	32.3	24.7	34.1	47.0	60.9	68.1	77.3	71.8	64.1	56.2	41.2	35.3	51.1
1965	36.2	32.3	30.3	51.8	58.3	65.0	72.3	69.3	60.1	55.9	48.3	39.1	51.6
1966	29.0	30.0	44.2	49.1	60.3	68.9	76.7	69.5M	64.1M	52.6	45.5M	33.8	52.0*
1967	36.5	35.7	47.3	53.9	56.6	66.2	72.2	67.1	61.3	56.0	42.6	27.8	51.9
1968	34.9	36.0	41.2M	46.5	54.5	70.9M	71.5M	69.1M	64.5M	56.9	38.8	35.8	51.7*
1969	40.4	36.8	31.7	53.2	60.9	63.7	73.5	73.2	65.5	47.0	40.6	34.8	51.8
1970	32.2	40.1	35.9	46.9	61.4	67.2M	72.5	72.9	63.0	47.1	41.9	38.7	51.7*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BRECKENRIDGE

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES					MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN														1.46	1.24	1969	23	21.2	40.	1952	26	4.7	.5	.1
FEB														1.55	.49	1956	14	19.9	46.	1952	8	5.0	0.0	0.0
MAR														1.36	.60	1959	25	20.5	52.	1952	26	5.8	.1	0.0
APR														1.58	.99	1961	24	20.5	48.	1952	1	5.4	.3	0.0
MAY														1.49	1.23	1969	7	8.2	24.	1957	1	4.4	.6	.1
JUN														1.66	.90	1951	3	1.6	5.	1951	3	5.5	.7	0.0
JUL														2.52	2.05	1965	31	0.0	0.	0	0	8.1	1.0	.1
AUG														2.62	1.15	1968	7	0.0	0.	0	0	8.6	.8	.1
SEP														1.49	1.12	1961	3	5.9	16.	1959	29	5.3	.6	.1
OCT														1.13	1.13	1963	21	12.1	20.	1969	4	3.8	.4	.1
NOV														1.23	.63	1969	1	20.6	14.	1955	22	3.8	.2	0.0
DEC														1.49	1.02	1951	30	23.2	37.	1952	30	4.8	.4	0.0
ANNUAL														19.4				154.				65.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.32	.53	.54	.48	.52	.43	1.11	.77	.26	.23	.36	.50	13.86
.10	.45	.66	.66	.63	.66	.58	1.33	1.02	.39	.33	.48	.65	14.93
.20	.66	.83	.84	.86	.86	.82	1.65	1.39	.60	.50	.66	.85	16.29
.30	.86	.97	.99	1.05	1.04	1.04	1.90	1.71	.81	.55	.81	1.03	17.33
.40	1.05	1.11	1.13	1.24	1.20	1.25	2.14	1.83	1.02	.80	.96	1.19	18.24
.50	1.26	1.24	1.27	1.43	1.37	1.47	2.38	2.03	1.24	.87	1.11	1.35	19.13
.60	1.49	1.39	1.43	1.64	1.55	1.71	2.68	2.36	1.42	.97	1.29	1.57	20.13
.70	1.77	1.56	1.61	1.90	1.77	1.94	2.94	2.60	1.60	1.14	1.48	1.77	21.05
.80	2.14	1.77	1.83	2.23	2.05	2.38	3.31	2.90	1.83	1.27	1.73	2.05	22.05
.90	2.53	2.10	2.18	2.63	2.47	2.98	3.88	3.45	2.33	1.44	2.02	2.49	24.05
.95	2.88	2.40	2.50	3.20	2.87	3.54	4.39	3.96	2.96	1.59	2.51	2.89	25.58
ALPHA	2.37	5.21	5.00	3.42	4.13	2.82	6.13	3.28	1.95	2.22	3.31	3.97	29.25
BETA	.61	.25	.27	.46	.36	.59	.41	.80	.76	.51	.37	.38	.66
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.17	2.24	.84	2.75	1.80	2.40	1.75	1.79	1.28	1.19	2.09	3.41	23.71
1952	1.25	1.06	1.42	1.14	1.53	.34	1.71	3.26	.71	.05	1.48	1.05	15.00
1953	1.19	1.21	1.67	2.13	2.73	1.08	2.63	1.07	.44	.97	1.51	1.61	18.24
1954	.65	.79	1.17	.86	1.93	.92	1.99	.76	2.80	1.72	.66	1.00	15.25
1955	.60	1.37	1.95	.39	2.12	1.07	2.50	4.70	.47	1.33	2.27	1.08	19.85
1956	1.88	1.68	1.25	2.55	1.04	1.02	1.32	1.67	.12	1.08	1.15	1.13	15.89
1957	2.92	1.06	1.91	2.93	2.71	1.26	3.63	2.67	.61	.76	.87	1.27	22.60
1958	.80	1.69	1.16	2.24	1.32	.82	1.21	1.03	.98	.35	1.10	1.53	14.23
1959	1.51	1.65	2.00	1.29	1.41	2.05	1.28	1.61	3.29	1.31	.81	.40	19.01
1960	.64	2.03	1.86	.74	1.07	.99	1.75	.81	.69	1.33	.43	1.32	13.66
1961	.33	.64	1.29	2.64	1.05	1.13	3.90	3.10	3.74	1.06	.91	.82	20.61
1962	2.09	1.43	.96	2.26	1.28	1.11	2.71	1.51	.78	.74	.75	.75	16.37
1963	1.13	1.45	1.32	.39	.24	2.90	2.94	6.73	.68	1.45	.21	1.03	20.47
1964	1.15	1.58	2.38	1.90	.60	2.01	2.13	2.95	1.04	.69	2.26	2.83	21.52
1965	2.44	.37	2.19	1.12	1.31	3.76	5.64	3.42	1.76	.27	1.39	.99	24.66
1966	.31	1.02	.29	1.09	1.82	2.03	2.41	1.78	1.85	1.40	.52	1.95	16.47
1967	.61	2.25	1.23	.86	1.41	2.05	3.37	3.66	1.98	.94	1.03	2.27	21.86
1968	.61	1.58	.71	1.55	1.35	.40	3.47	3.73	1.52	1.02	2.68	1.48	20.10
1969	3.57	.46	.55	.92	2.45	4.20	1.41	2.47	2.42	3.59	1.12	3.03	26.59
1970	2.31	.96	1.14	1.87	.63	1.61	2.63	3.62	2.59	1.34	1.36	.80	20.86

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			3.0	13.3	32.4	52.7	31.0	32.9	13.2	38.5	11.0	11.8	190.4
51-52	T	T	.5	.7	22.8	19.7	24.9	20.7	21.8	14.0	7.6	T	145.1
52-53	T	T	.0	4.3	22.2	23.1	21.7	17.6	23.0	24.6	13.5	1.0	106.2
53-54	T	.0	T	4.3	22.2	23.1	12.3	9.5	17.4	10.7	3.8	2.9	106.2
54-55	T	T	T	15.2	13.4	15.5	11.0	19.2	24.1	6.3	18.8	1.4	124.9
55-56	.0	.0	T	15.1	33.3	19.8	32.2	26.7	17.4	27.4	3.9	.0	175.8
56-57	.0	.0	.0	12.7	19.3	16.4	43.4	15.4	28.2	34.3	21.6	4.3	195.6
57-58	.0	.0	4.2	6.6	18.9	21.4	14.3	26.8	23.5	31.7	3.5	.0	150.9
58-59	.0	.0	.2	4.2	15.4	21.9	32.4	26.1	27.8	19.4	14.7	2.1	164.2
59-60	.0	.0	29.4	13.5	11.2	7.8	12.7	26.0	34.6	9.0	13.3	T	157.5
60-61	.0	.5	.4	15.1	7.3	20.5	6.8	12.6	22.4	42.3	12.0	.0	139.9
61-62	.0	.0	53.0	22.0	18.5	5.2	20.0	11.0	4.0	27.3	T	.0	161.0
62-63	.0	.0	.0	T	12.8	17.5	16.9	20.0	18.5	3.5	T	1.5	90.7
63-64	.0	.0	.0	4.0	10.0	17.5	9.0	21.0	34.0	24.0	2.5	T	122.0
64-65	.0	T	.0	4.5	34.0	33.0	42.0	6.0	35.0	13.0	2.0	1.5	171.0
65-66	.0	.0	2.0	3.0	26.0	17.0	3.0	18.5	9.0	15.5	5.5	1.0	100.5
66-67	.0	.0	.1	15.5	12.5	34.6	21.0	40.5	17.0		6.0	T	
67-68	.0	.0	.0	3.0	24.0	37.2	7.5	24.5	11.0	15.0	11.0	2.0	135.2
68-69	.0	T	5.0	9.0	35.0	18.5	28.5	6.0	8.5	9.5	11.5		
69-70	.0	.0	T	64.5	15.5	48.0	33.5	18.0	20.5	24.0	2.0	T	226.0

CLIMATOLOGY REPORT NO. 77-1

BUENA VISTA

05 1071 1

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
										90 OR ABOVE	32 OR BELOW												32 OR BELOW	0 OR BELOW
JAN	41.1	12.3	26.6	61.	1966	9	-32.	1963	12	0.0	5.2	30.5	3.9	.40	1.50	1952	7	6.2	20.	1952	19	1.0	0.0	0.0
FEB	43.3	13.9	28.6	64.	1954	8	-30.	1951	1	0.0	3.4	27.8	2.9	.41	.58	1955	18	6.7	8.	1953	9	1.8	.1	0.0
MAR	47.7	18.4	33.1	71.	1966	31	-13.	1965	3	0.0	1.8	29.8	1.1	.60	1.08	1953	30	8.1	7.	1953	30	2.4	.2	0.0
APR	56.6	26.0	41.4	77.	1959	30	-6.	1957	8	0.0	.1	25.0	.1	.91	1.52	1957	2	6.7	16.	1957	2	2.6	.4	.1
MAY	67.1	34.5	50.8	85.	1969	27	17.	1967	3	0.0	0.0	11.2	0.0	1.04	1.26	1957	16	2.5	6.	1954	1	2.7	.6	.2
JUN	77.0	41.1	59.1	95.	1954	21	28.	1955	2	.4	0.0	1.2	0.0	.65	.98	1963	16	0.0	0.	0	0	2.4	.3	0.0
JUL	82.0	47.7	64.9	95.	1954	12	37.	1968	1	.9	0.0	0.0	0.0	1.77	1.33	1965	31	0.0	0.	0	0	5.4	.8	.1
AUG	78.9	45.7	62.3	92.	1958	9	32.	1968	24	.3	0.0	.1	0.0	2.24	1.84	1961	1	0.0	0.	0	0	6.1	1.1	.2
SEP	73.7	37.9	55.8	88.	1960	4	19.	1959	30	0.0	0.0	4.9	0.0	.95	1.80	1961	3	1.9	10.	1959	30	3.0	.5	.2
OCT	64.1	29.8	47.0	78.	1964	11	8.	1969	14	0.0	.1	20.6	0.0	.84	1.41	1961	9	5.1	0.	0	0	1.9	.8	.1
NOV	51.2	21.1	35.1	69.	1955	5	-19.	1952	27	0.0	1.4	27.8	1.0	.59	1.20	1964	15	7.8	20.	1964	15	1.8	.2	.1
DEC	42.3	12.8	27.6	62.	1965	5	-18.	1962	26	0.0	4.4	30.1	3.5	.48	.60	1962	19	6.3	10.	1967	16	1.6	.1	0.0
ANNUAL	67.4	28.4	44.4							2.	16.	209.	13.	10.9				51.				33.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.11	0.00	0.00	0.00	.54	.47	0.00	0.00	.04	.05	6.64
.10	0.00	0.00	.17	.13	.08	.04	.70	.67	.06	.04	.07	.08	7.43
.20	0.00	0.00	.25	.28	.23	.12	.96	.94	.18	.14	.14	.14	8.46
.30	.05	.15	.33	.42	.38	.21	1.17	1.17	.32	.25	.27	.21	9.27
.40	.14	.34	.42	.55	.55	.31	1.38	1.38	.47	.39	.42	.37	10.00
.50	.24	.54	.51	.72	.75	.44	1.60	1.60	.65	.59	.65	.58	10.72
.60	.35	.73	.61	.90	.94	.59	1.84	1.84	.87	.82	.90	.83	11.47
.70	.50	.94	.74	1.13	1.27	.79	2.12	2.12	1.16	1.01	1.13	.98	12.31
.80	.70	1.17	.90	1.43	1.68	1.06	2.49	2.49	1.55	1.38	1.55	.95	13.34
.90	1.04	1.42	1.17	1.92	2.37	1.54	3.06	3.06	2.23	2.02	2.23	1.35	14.87
.95	1.38	1.88	1.42	2.40	3.04	2.01	3.59	3.59	2.90	2.66	2.90	1.74	16.21
ALPHA	1.14	1.91	2.04	1.60	1.17	1.00	3.40	2.31	1.04	.94	1.07	1.34	14.00
BETA	.46	.27	.30	.60	.93	.68	.52	.97	.96	.94	.56	.36	.78
Q	.25	.20	0.00	.05	.05	.05	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

BUENA VISTA

05 1071 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.78	.50	.21	.39	.72	.03	.67	3.54	.25	.73			
1952	1.55	T	.44	1.49	.86	.03	2.42	2.53	.93	.00	1.24	.22	12.11
1953	.08	.63	1.09	.66	2.12	.47	1.84	.75	.00	1.27	1.06	.47	10.44
1954	.33	T	.34	.36	1.81	.44	2.29	.96	1.54	.14	.81	.95	9.97
1955	.00	1.53	.63	.23	1.47	.13	1.85	4.39	.11	.08	.01	.33	10.76
1956	.86	.17	.70	1.97	.75	.20	1.71	1.46	.02	.40	1.05	.24	9.53
1957	1.57	.10	.56	3.22	4.24	.26	3.18	.97	.11	.86	1.21	.01	16.29
1958	.28	.00	1.19	1.44	.02	.52	.62	.58	.58	.96	.19	.31	6.69
1959	.00	.84	.29	1.03	.49	.18	.53	1.58	2.33	2.46	.18	.07	9.98
1960	.25	.86	.42	.37	.49	.660	1.17	.51	.33	1.33	.480	.41	7.28*
1961	T	.38	1.16	.52	.39	.32	.96	4.99	2.50	2.58	.45	.31	14.56
1962	.59	.10	.08	.37	.00	.25	1.54	1.10	.52	.81	.51	.81	6.68
1963	.24	.51	.45	.00	.13	1.67	1.22	6.89	1.68	.19	.34	.34	13.66
1964	.05	.27	.70	.59	1.12	.26	1.79	1.35	.68	.01	2.43	.83	10.08
1965	.14	.79	.93	2.08	.68	2.57	3.40	2.76	1.22	.85	.49	.32	18.23
1966	T	.53	.12	.95	1.00	.80	1.12	1.58	.18	.32	.11	.89	7.60
1967	.16	.21	.23	.05	1.30	.94	1.87	2.32	1.25	.33	.26	1.40	10.32
1968	.13	.67	.47	.93	.47	.00	4.68	1.77	.42	.19	.24	.30	10.27
1969	.55	.14	.27	.55	2.50	2.12	1.67	2.27	1.44	2.94	.10	.80	15.35
1970	.00	.00	1.80	.94	.17	1.13	.88	2.41	2.89	.36	.14	.06	10.78

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							16.6	6.0	1.9	1.2	.0	.0	
51-52	.0	.0	.0	2.0			14.0	T	9.0		T	.0	
52-53	.0	T	.0	.0		4.0	1.0	10.5	12.0		11.0	.0	
53-54	.0	.0	.0	.0	6.0	17.0	4.0	.0	1.5	.0	15.0	.0	43.5
54-55	.0	.0	.0	.0	11.5	13.5	.0	26.0	10.0	2.0	.0	.0	63.0
55-56	.0	.0	.0	.0	.5	4.0	13.0	4.0	11.5	18.0	.0	.0	51.0
56-57	.0	.0	.0	.0	19.0	3.0	25.0	1.0	7.0	38.0	14.0	.0	107.0
57-58	.0	.0	.0	.0	14.0	.0	4.0	.0	16.0		.0	.0	
58-59	.0	.0	.0	T	3.0	5.5	.0	15.0	3.5		.0	.0	
59-60	.0	.0	21.0	28.0				13.5	5.0		.0		
60-61	.0	.0	.0			4.5	4.0	4.0	15.0	5.5	.0	.0	
61-62	.0	.0	18.0	31.0	7.5	3.5	11.0	1.0	1.0	4.0	.0	.0	77.0
62-63	.0	.0	.0	8.0	2.0	7.5	4.0	10.0	6.0	.0	.0	.0	37.5
63-64	.0	.0	.0	.0	6.0	5.0	5.0	10.0	10.0		.0	.0	
64-65	.0	.0	.0	.0	46.0	4.6	2.0	13.0	14.0	T	.0	.0	79.6
65-66	.0	.0	.0	.0	6.0	2.5	T	8.0	1.5		10.0	.0	
66-67	.0	.0	.0	1.0	1.0	6.0	2.0	2.0	2.0	.0	.0	.0	14.0
67-68	.0	.0	.0	.0	.0	22.5	1.0	14.0	8.0	10.0	.0	.0	55.5
68-69	.0	.0	.0	.0	2.0	3.0	8.0	1.0	3.0	4.0	.0	.0	21.0
69-70	.0	.0	.0	24.0	1.0		.0	.0	23.5	5.0	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.7	43.6	47.3	54.2	64.8	71.5	82.3	76.6	74.2	58.8			
1952	38.0M	41.4M	41.7M	56.6	64.6	79.0	78.6	76.3	73.2	68.4	45.9M	38.5	58.5*
1953	44.7M	41.5M	51.9M	53.7M	61.6M	80.0	78.9M	74.5	74.7M	63.3M	50.9	39.9M	59.6*
1954	45.8M	53.9	47.7	64.2M	71.1M	80.6	81.3	81.6M	73.7	65.6	54.1M	39.7	63.3*
1955	34.6	35.2	46.6	54.9M	63.8	73.8	80.4	74.1	74.5	67.2	50.8M	45.5M	58.5*
1956	45.3	38.7M	51.4	56.7M	70.8M	81.4M	83.4M	78.5M	80.2	65.6M	45.8	44.1M	61.8*
1957	36.9M	48.8	49.1	52.5	60.8	76.3M	80.9	78.6	73.7	62.2	42.9	44.8	59.0*
1958	41.6	47.7	43.9	52.7	71.2M	81.3	83.2	83.8	76.5	67.0	55.5	47.8	62.7*
1959	43.0	40.5	48.7	57.3	67.9	81.2	84.1M	81.4M	70.7	58.2	51.0	45.6M	60.8*
1960	38.7	37.2	50.5	59.7	66.6		83.1	83.3	75.8	61.7M		40.3M	
1961	44.1M	45.1	47.3M	53.6	67.0	78.6	80.8	77.6	66.5	61.1	42.2	36.0M	58.3*
1962	38.5	44.1	44.5	60.4	67.0	74.9	79.4	80.9	73.4	66.3	52.4M	44.8M	60.6*
1963	35.8	46.2	47.0	58.8	70.5	76.3	83.7	75.5	75.5	68.4M	53.5M	41.9M	61.1*
1964	38.4	36.0	42.2	54.1M	66.2	75.4	83.4	77.6M	72.9M	67.4M	46.3M	37.7M	58.1*
1965	40.1M	40.6M	41.2M	55.9M	64.6M	71.8M	80.6M	76.8M	69.5	69.3M	52.7M	46.5M	59.1*
1966	42.6M	41.3M	54.3M	59.8M	70.8M	77.0M	85.5	81.6M	77.4	66.1M	55.9	43.4	63.0*
1967	43.5	45.3	57.9M	59.8M	66.4M	72.1	82.0M	77.2	72.9M	67.2M	54.8	37.8M	61.4*
1968	41.7M	45.6	50.9M	53.4M	65.4M	80.7	80.7	75.7	72.8M	66.8	47.8	41.4	60.2*
1969	45.9M	44.0M	45.2M	62.8	70.5M	75.2M	84.6	83.2	74.3M	52.7	50.0	43.8	61.0*
1970	41.3	48.8	45.0	52.1	69.8	76.2	84.0M	83.1M	70.9	58.4M	50.7M	43.9M	60.4*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.1	16.0	18.4	26.6	34.6	38.2	48.9	45.2	35.1	26.8			
1952	9.3M	10.7M	12.8M	26.5	32.6	40.9	46.2	44.1	37.9	26.5	13.5M	6.8	25.7*
1953	21.9M	10.1M	20.7M	23.0M	31.8M	40.7M	47.9M	43.8	37.3M	31.7M	24.1	13.3M	28.9*
1954	17.9M	25.1	19.8	29.0M	37.2M	42.1	50.2	45.9M	40.9	32.4	23.2M	10.5	31.2*
1955	10.5	4.7	19.2	24.0M	33.2	39.3	46.3	47.7	37.7	31.8	20.6M	18.4M	27.8*
1956	17.5	11.3M	19.5	25.7M	37.2M	43.8M	45.4M	44.0M	38.2	28.7M	13.9	13.4M	28.2*
1957	9.4M	19.0	20.6	22.9	33.7	41.6M	49.3M	47.2	36.0	31.1	15.9M	13.6	28.4*
1958	7.6	17.0	16.2	26.4	37.8	43.3	45.2	45.6	39.3	28.9	24.9	21.0	29.4
1959	14.9	12.9M	20.1	26.6	35.5	43.7	45.9M	48.7M	39.5	29.3	21.8	16.4M	29.6*
1960	9.0	8.9	23.2	30.9	34.6		49.0	46.3	42.5	31.5M	20.7M	10.3M	
1961	12.3M	18.3	23.2M	26.2	36.2	43.8	46.8	47.3	35.6M	30.1	17.2	9.1M	28.8*
1962	9.1	20.6	16.1	29.9	32.8	39.5	47.1	44.7	39.1	31.0	21.7M	14.1M	28.8*
1963	6.5	16.8	16.3	27.3	36.4	40.2	49.1	47.4	41.5	33.3M	19.9M	9.8M	28.7*
1964	9.9	7.0	13.7	24.3M	34.2	39.5	49.1	45.0M	38.5M	29.3M	16.9M	3.8M	25.9*
1965	13.0M	13.2M	12.7M	28.0M	33.0M	41.3M	47.9M	43.9M	36.3	30.7M	24.0M	16.8M	28.4*
1966	8.9M	7.0M	18.9M	24.9M	33.2M	39.6M	47.9	43.7M	37.2	30.0M	22.6	15.0	27.4*
1967	17.5	15.9	25.4M	26.7M	33.6M	41.1	48.9M	44.6	39.0M	31.6M	19.2	8.2M	29.3*
1968	9.7M	15.2	17.9M	22.8M	31.8M	42.3	47.0	44.5	34.1M	29.4	17.0	11.9	27.0*
1969	17.1M	11.6M	15.2M	26.9	36.7M	40.6M	48.7	46.9	37.6M	26.5	21.0	15.6	28.7*
1970	12.5	17.3	18.2	21.9	33.8	40.0	47.4M	47.9M	34.6	25.7M	23.9M	15.4M	28.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.9	29.8	32.9	40.4	49.7	54.9	65.6	60.9	54.7	42.8			
1952	23.7M	26.1M	27.3M	41.6	48.6	60.0	62.4	60.2	55.6	47.5	29.7M	22.7	42.1*
1953	33.3M	25.8M	36.3M	38.4M	46.7M	60.4M	63.4M	59.2	56.0M	47.5M	37.5	26.6M	44.3*
1954	31.9M	39.5	33.8	46.6M	54.2M	61.4	65.8	63.8M	57.3	49.0	36.7M	25.1	47.3*
1955	22.6	20.0	32.9	39.5M	48.5	56.6	63.4	60.9	56.1	49.5	35.7M	32.0M	43.1*
1956	31.4	25.0M	35.5	41.2M	54.0M	62.6M	64.4M	61.3M	59.2	47.2M	29.9	28.8M	45.0*
1957	23.2M	33.9	34.9	37.7	47.3	59.0M	65.1M	62.9	54.9	46.7	29.4M	29.2	43.7*
1958	24.6	32.4	30.1	39.6	54.5M	62.3	64.2	64.7	57.9	48.0	40.2	34.4	46.1*
1959	29.0	26.7M	34.4	42.0	51.7	62.5	65.0M	65.1M	59.1	43.8	36.4	31.0M	45.2*
1960	23.9	23.1	36.9	45.3	50.6		66.1	64.8	59.2	46.6M		25.3M	
1961	28.2M	31.7	35.3M	39.9	51.6	61.2	63.8	62.5	51.1M	45.6	29.7	22.6M	43.6*
1962	23.8	32.4	30.3	45.2	49.9	57.2	63.3	62.8	56.3	48.7	37.1M	29.5M	44.7*
1963	21.2	31.5	31.7	43.1	53.5	58.3	66.4	61.5	58.5	50.9M	36.7M	25.5M	44.9*
1964	24.2	21.5	28.0	39.2M	50.2	57.5	66.3	61.3M	59.7M	48.4M	31.6M	20.8M	42.1*
1965	26.6M	26.9M	27.0M	42.0M	48.8M	56.6M	64.3M	60.4M	52.9	50.0M	38.4M	31.7M	43.8*
1966	25.8M	24.2M	36.6M	42.3M	52.0M	58.3M	66.7	62.7M	57.3	48.1M	39.3	29.2	45.2*
1967	30.5	30.6	41.7M	43.2M	50.0M	56.6	65.5M	60.9	56.0M	49.4M	37.0	22.9M	45.4*
1968	25.7M	30.4	34.4M	38.1M	48.6M	61.5	63.9	60.1	53.5M	48.1	32.4	26.7	43.6*
1969	31.5M	27.8M	30.2M	44.9	53.6M	57.9M	66.7	65.1	56.0M	39.6	35.5	29.7	44.9*
1970	26.9	33.1	31.6	37.0	51.8	58.1	65.7M	65.5M	52.8	42.1M	37.3M	29.7M	44.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BURLINGTON

05 1121 3

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS				EXTREMES				MEANING OF DAYS				SNOW, SLEET				MEANING OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEANING OF DAYS		
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	41.8	15.9	30.4	79.	1951	26	-25.	1959	4	0.0	5.4	50.0	3.6	.36	1.11	1960	14	4.6	4.	1951	31	.9	.1	.1
FEB	47.9	19.3	33.6	82.	1962	11	-22.	1960	25	0.0	3.5	26.2	1.3	.36	1.41	1960	3	3.5	5.	1951	13	.9	.1	.1
MAR	53.0	23.1	38.1	86.	1963	29	-22.	1960	3	0.0	2.9	26.3	.6	.82	1.15	1963	12	5.1	10.	1952	21	2.7	.4	.1
APR	64.8	33.9	49.4	90.	1955	15	8.	1953	12	0.0	.1	12.4	0.0	1.42	1.66	1960	12	1.2	0.	0	0	2.9	.9	.1
MAY	74.0	44.5	59.3	95.	1967	24	22.	1967	1	2.1	0.0	1.3	0.0	2.75	2.80	1969	6	.3	0.	0	0	5.1	1.7	.7
JUN	84.9	53.9	69.4	112.	1952	15	32.	1951	2	11.2	0.0	.1	0.0	2.22	2.08	1951	11	0.0	0.	0	0	4.7	1.4	.4
JUL	90.5	60.0	75.2	107.	1954	11	40.	1962	15	18.9	0.0	0.0	0.0	2.43	2.08	1951	22	0.0	0.	0	0	4.8	1.8	.6
AUG	88.4	57.8	73.1	104.	1970	6	40.	1961	25	15.0	0.0	0.0	0.0	2.13	3.42	1965	20	0.0	0.	0	0	3.4	1.4	.5
SEP	80.3	48.3	64.3	102.	1960	2	30.	1970	25	5.3	0.0	.7	0.0	1.35	1.80	1963	7	0.0	0.	0	0	2.9	1.1	.4
OCT	69.4	37.6	53.5	92.	1967	3	14.	1957	27	.8	.1	7.3	0.0	1.01	1.63	1965	17	0.0	0.	0	0	2.4	.9	.2
NOV	54.3	25.3	39.9	78.	1954	7	-5.	1952	27	0.0	1.9	24.1	.6	.48	.70	1956	2	2.1	4.	1958	17	1.2	.3	0.0
DEC	45.8	18.6	32.2	75.	1955	24	-19.	1961	12	0.0	4.8	29.4	1.3	.40	.86	1954	27	2.3	3.	1963	10	1.2	.2	0.0
ANNUAL	66.5	36.4	51.5							53.	19.	158.	7.	15.7				19.				33.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.07	0.00	.93	0.00	.46	0.00	.08	.06	0.00	0.00	7.37
.10	0.00	0.00	.13	0.00	1.10	.34	.68	.43	.16	.11	0.00	0.00	8.73
.20	0.00	.02	.24	.70	1.10	.73	1.04	.81	.33	.23	.11	.11	10.61
.30	.04	.07	.35	.94	1.07	1.07	1.37	1.14	.51	.37	.19	.17	12.11
.40	.11	.13	.48	1.14	1.00	1.17	1.70	1.46	.72	.53	.27	.24	13.92
.50	.20	.21	.51	1.24	1.00	1.24	2.05	1.80	.93	.71	.37	.32	14.52
.60	.31	.31	.75	1.34	1.00	1.34	2.67	2.19	1.16	.93	.47	.40	15.52
.70	.44	.43	1.00	1.44	1.00	1.44	3.19	2.55	1.25	1.01	.60	.50	16.52
.80	.63	.62	1.29	1.54	1.00	1.54	3.77	2.96	1.38	1.11	.78	.64	17.52
.90	.85	.93	1.77	1.68	1.00	1.68	4.61	3.25	1.56	1.29	1.07	.86	18.52
.95	1.27	1.25	2.25	1.81	1.00	1.81	5.66	3.94	1.94	1.57	1.35	1.07	19.52
ALPHA	1.05	.88	1.28	3.87	3.95	1.72	2.12	2.07	1.08	1.04	1.48	1.68	7.06
BETA	.46	.48	.64	.41	.70	1.26	1.15	1.08	1.25	.97	.36	.26	2.22
Q	.25	.15	0.00	.10	0.00	.05	0.00	.05	0.00	0.00	.11	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.59	.95	.32	1.89	2.24	6.70	4.39	1.76	.98	1.18	1.18	.30	22.48
1952	.13	.49	1.75	1.50	2.25	.00	1.05	2.50	1.77	.09	.45	.27	12.31
1953	.03	.06	.48	2.95	1.90	.68	1.59	2.73	.02	.33	.87	.93	12.57
1954	.23	.02	.55	T	1.71	.38	.89	.32	.17	.99	.05	.87	6.18
1955	.32	.40	.58	1.55	2.28	2.80	.29	.91	1.24	.46	.16	.45	11.44
1956	.41	.36	.72	.91	.72	.72	4.04	.66	.26	.67	1.41	.18	11.06
1957	.27	.07	2.17	2.75	6.66	3.38	3.80	4.12	.62	1.93	.41	.36	26.54
1958	.66	.68	1.15	1.86	4.36	3.21	7.13	2.90	1.51	.73	.49	.42	25.10
1959	.70	.09	1.98	.39	1.87	1.39	.73	2.38	2.00	2.68	.12	.67	15.00
1960	1.77	2.74	.84	3.39	2.16	2.80	3.40	T	.55	1.92	.31	1.45	21.33
1961	T	.30	1.15	1.20	4.59	1.70	3.21	.57	1.74	.36	1.46	.47	16.75
1962	.70	.22	.63	.90			2.01	3.82	2.16	.55		.54	
1963	.87	.13	2.39	T	2.17	.87	1.81	.87	3.76	.30	.15	.20	13.52
1964	.00	.23	.29	1.27	3.22	1.00	.65	.71	.85	.06	.24	T	8.52
1965	.13	.20	.22	.82	3.82	7.87	1.70	6.45	4.50	1.78	T	.31	27.80
1966	.34	.08	.06	2.65	.98	1.87	3.17	1.81	1.53	.61	.00	.03	13.13
1967	T	T	.05	1.09	3.82	3.09	1.59	2.98	2.27	.30	.58	.08	15.65
1968	.00	.00	.35	.90	2.10	1.25	3.99	1.84	.18	.03	.35	.21	11.20
1969	.01	.19	.19	1.14	3.87	.68	1.91	3.67	.22	2.98	.14	.17	15.17
1970	.00	.00	.52	1.16	1.57	1.79	1.26	1.52	.70	2.16	.72	.00	11.40

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.0	7.0	4.0	4.5	.0	T	
51-52	T	T	.0	.0	12.0	3.0	2.0	7.0		.0	T	.0	
52-53	.0	.0	.0	.0					5.0	.0	T	T	
53-54	T	.0	.0	.0		8.0		T		.0	4.5	.0	
54-55	.0	.0	.0	.0						T	.0	.0	
55-56	T	.0	.0	.0		4.5					.0	.0	
56-57	.0	.0	.0								.0	.0	
57-58	.0	.0	.0	T		2.0	5.0	4.5	11.0	5.0	.0	.0	
58-59	.0	.0	T	T						.0	.0	.0	
59-60	.0	.0	.0		T	2.0	17.0	20.0	3.0	.0	.0	.0	
60-61	.0	.0	.0				T			8.0		.0	
61-62	.0	.0	.0	.0		5.8	12.0		2.0			.0	
62-63	.0	.0	T	.0				.0	14.0	.0	.0	.0	
63-64	.0	.0	.0	.0			.0				.0	.0	
64-65	.0	.0	.0	.0	2.5	T	4.5			.0	.0	.0	
65-66	.0	.0	.0	.0	T			T	.0	.0	.0	.0	
66-67	.0	.0	.0	.0	.0	.0	T	T	1.5	.0	.0	.0	1.5
67-68	.0	.0	.0	.0		.0	.0	.0		.0	.0	.0	
68-69	.0	.0	.0	.0	.0		.0	.0		.0	.0	.0	
69-70	.0	.0	.0	.0		.0	.0	.0		.0	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	43.0M	50.0	51.7M	60.6	73.1M	74.2	84.5	85.5	78.6	65.5	50.6	42.5	63.3*
1952	48.7	49.1	49.7	62.9	71.5	94.1	91.7	90.1	83.5	65.8	48.5	41.3	66.7
1953	54.3	48.7	60.0	59.9	69.7	90.5	88.7	83.9	83.5	70.0	53.9	40.6	67.0
1954	42.6	59.5	50.7	72.7	70.1	92.5	95.8	91.6	87.3	67.3M	60.4	50.5	70.1*
1955	41.2	45.6	59.5	70.3	77.1	78.4M	94.3	92.0	82.6	73.6	52.5	46.1	67.8*
1956	46.9	42.9	58.3	64.6	79.5	92.0	91.0	87.9	85.9	75.5	50.8M	49.6M	68.7*
1957	38.2	52.2	51.5	57.5	67.4	82.0	91.0	87.7	78.4	61.3	50.3	51.2	64.1
1958	46.4	45.6	37.7	59.2	75.2	81.8	82.3	88.5	83.7	71.4M		48.9	
1959	47.6	41.4	59.3	67.0	72.9	89.4	92.2	92.1	79.9	63.8	54.7M	50.9	67.6*
1960	39.5	31.2	46.4	66.2	74.0	83.0	89.6	92.4	83.8	69.9	58.5	43.8	64.9
1961	47.0	52.4	54.0	60.6	71.0	86.3	91.3	89.5	73.7M	68.8	51.9	41.0	65.6*
1962	40.1	51.0	54.1	68.4			91.1	91.1	78.6	73.5		51.7	
1963	35.2	54.3	56.1	70.4	75.9	90.5	96.9	90.9	82.9	81.7	60.8	41.2M	70.1*
1964	49.9	41.4	51.2M	62.7	76.2	83.1	93.3	87.9	80.2M	71.6	55.5	48.5	66.8*
1965	50.4	47.0	44.3	69.1	77.8	79.3	88.9	83.9	67.7	72.0M	58.7	48.5	65.6*
1966	36.5	38.6	60.0	61.8	78.0	82.9	91.1	83.7				44.1	
1967	49.4	52.5	62.7	67.2	69.7	80.7M	86.2	84.8	78.3	71.8	54.7	40.0	66.5*
1968	46.7	50.1	60.2	64.2	69.2	88.7	87.7	85.2	78.8	74.1	51.4	40.5	66.4
1969	47.4	47.6	45.9	68.1	74.4	80.2	91.5	88.0	79.6	55.5	55.5	44.6	64.9
1970	46.0	56.6	47.1	63.1	78.7	84.2	90.4	91.3	78.6	61.7	54.8	50.3	66.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.3M	19.9	19.4M	30.5	45.2M	49.7	59.9	57.6	45.5	35.5	22.6	13.6	34.4*
1952	17.8	21.0	21.0	33.6	43.4	57.4	58.5	59.2	49.4	34.5	21.9	17.5	36.3
1953	23.2	17.5	27.4	30.7	42.3	57.2	61.3	58.8	50.6	40.6	28.9	18.5	38.1
1954	18.3	28.7	22.1	36.7	42.6	55.1	63.9	58.9	52.9	37.8	28.6	19.8	38.8
1955	16.4	13.9	19.9	35.4	45.9	50.6	61.6	60.0	49.6	38.7	20.0	17.6	35.8
1956	15.7	15.3	22.4	28.7	45.9	56.0	53.3	53.0	45.7	37.4	25.2M	21.5M	35.0*
1957	8.5	22.9	24.5	32.4	42.2	51.7	60.9	56.5	43.0	37.5	22.0	22.4	35.4
1958	18.1	20.5	20.0	31.8	47.8	53.7	55.1	57.5	49.4	34.4M	24.3	19.4	36.0*
1959	12.6	15.2	23.5	32.2	43.4	53.8	54.7	58.3	45.9	33.8	20.9M	20.9	34.6*
1960	11.7	8.2	19.4	37.1	41.9	51.9	58.2	57.8	48.6	38.9	25.8	18.4	34.8
1961	17.4	20.3	29.1	30.9	41.7	52.5	57.6	55.6	42.1M	34.7	22.1	14.6	34.9*
1962	9.4	19.4	21.9	35.3			57.1	57.9	48.9	39.4		21.4	
1963	5.6	23.2	25.5	36.1	47.3	55.6	64.1	59.2	54.4	43.5	28.2	14.9M	38.1*
1964	19.6	18.6	23.5M	35.4	46.6	53.9	63.8	56.1	50.4M	37.7	27.1	18.6	37.6*
1965	22.1	17.0	16.7	39.2	46.8	55.3	61.5	58.3	44.2	42.5M	31.9	24.6	38.3*
1966	12.5	19.7	29.8	35.1	46.4	55.2	65.4	57.0				18.7	
1967	21.9	22.1	28.4	35.1	43.0	54.1	60.7M	56.4	49.4	38.4	25.6	14.2	37.4*
1968	18.8	20.3	26.6	32.3	41.2	55.7	59.2	56.4	47.7	39.2	27.1	14.6	36.6
1969	19.1	21.5	19.7	37.7	46.5	50.6	60.5M	59.6	52.8	34.9	26.4	22.8	37.7*
1970	15.7	20.9	21.0	31.3	45.8	53.3	62.1	61.9	46.4	34.9	27.5	17.8	36.6

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.2M	35.0	35.6M	45.6	59.2M	62.0	72.2	71.6	62.1	50.5	36.6	28.1	48.9*
1952	33.3	35.1	35.4	48.3	57.5	75.8	75.1	74.7	66.5	52.2	35.2	29.4	51.5
1953	38.8	33.1	43.7	45.3	56.0	73.9	75.0	71.4	67.1	55.3	41.4	29.6	52.6
1954	30.5	44.1	36.4	54.7	56.4	73.8	79.9	75.3	70.1	52.6M	44.5	35.2	54.5*
1955	28.8	29.8	39.7	52.9	61.5	64.5M	78.0	76.0	66.1	56.2	36.3	31.9	51.8*
1956	31.3	29.1	40.4	46.7	62.7	74.0	72.2	70.5	65.8	56.5	38.0M	35.6M	51.9*
1957	23.4	37.6	38.0	45.2	54.8	66.9	76.0	72.1	60.7	49.4	36.2	36.8	49.8
1958	32.3	33.1	28.9	45.5	61.5	67.8	68.7	73.0	66.6	52.9M		34.2	
1959	30.1	28.3	41.4	49.6	58.2	71.6	73.5	75.2	62.9	48.8	37.8M	35.9	51.1*
1960	25.6	19.7	32.9	51.7	58.0	67.5	73.9	75.1	66.2	54.4	42.2	31.1	49.9
1961	32.2	36.4	41.6	45.8	56.4	69.4	74.5	72.6	57.9M	51.8	37.0	27.8	50.3*
1962	24.8	35.2	38.0	51.9			74.1	74.5	63.8	56.5		36.6	
1963	20.4	38.8	40.8	53.3	63.6	73.1	80.5	75.1	68.7	62.6	44.5	28.1M	54.1*
1964	34.8	30.0	37.4M	49.1	61.4	68.5	78.6	72.0	65.3M	54.7	41.3	33.6	52.2*
1965	36.3	32.0	30.5	54.2	62.3	67.3	75.2	71.1	56.0	57.3M	45.3	36.6	52.0*
1966	24.5	29.2	44.9	48.5	62.2	69.1	78.3	70.4				31.4	
1967	35.7	37.3	45.6	51.2	56.4	67.4M	73.5M	70.6	63.9	55.1	40.2	27.1	52.0*
1968	32.8	35.2	43.4	48.3	55.2	72.2	73.5	70.8	63.3	56.7	39.3	27.6	51.5
1969	33.3	34.6	32.8	52.9	60.5	65.4	76.0M	73.8	66.2	45.2	41.0	33.7	51.3*
1970	30.9	38.8	34.1	47.2	62.3	68.8	76.3	76.6	62.5	48.3	41.2	34.1	51.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

BUTLER RANCH

05 1157 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)															
	MEAS			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE				
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW														
JAN																	.31	.82	1960	14	5.5	21.	1960	17	1.0	.1	0.0
FEB																	.44	.78	1960	14	6.8	12.	1956	8	1.5	.1	0.0
MAR																	.67	.80	1952	21	6.6	9.	1962	30	2.2	.2	0.0
APR																	1.28	2.51	1952	21	2.8	12.	1957	2	2.3	.9	.3
MAY																	1.08	2.48	1955	19	.2	0.	0	0	3.7	1.1	.5
JUN																	1.39	1.60	1965	5	0.0	0.	0	0	3.5	1.1	.3
JUL																	1.86	2.45	1965	5	0.0	0.	0	0	4.4	1.0	.3
AUG																	1.56	1.43	1959	23	0.0	0.	0	0	4.3	.9	.1
SEP																	.91	1.48	1970	22	.6	1.	1959	29	2.3	.7	.1
OCT																	.85	1.45	1960	15	1.8	13.	1969	12	2.4	.5	.1
NOV																	.55	.75	1957	2	3.5	6.	1961	13	1.6	.1	0.0
DEC																	.34	.43	1960	11	5.6	8.	1961	12	1.3	0.0	0.0
ANNUAL																	12.1				33.				30.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0.00	0.00	0.00	0.00	0.00	0.22	0.00	.40	.44	0.00	0.00	0.00	0.00	6.87
.05	0.00	0.00	.22	.14	.37	0.00	.57	.59	0.00	0.00	.12	0.00	7.84
.10	0.00	.11	.35	.34	.64	0.00	.84	.81	0.00	.15	.21	0.07	9.12
.20	.05	.21	.44	.54	.92	.52	1.09	1.01	.29	.46	.29	.15	10.14
.30	.10	.29	.53	.75	1.21	.77	1.34	1.20	.61	.44	.37	.21	11.06
.40	.16	.38	.62	.98	1.55	1.04	1.60	1.39	.77	.61	.45	.28	11.97
.50	.22	.47	.72	1.25	1.93	1.36	1.90	1.61	.95	.81	.55	.35	12.94
.60	.30	.58	.83	1.25	2.42	1.76	2.26	1.87	1.17	1.06	.66	.44	13.92
.70	.39	.72	.98	1.59	3.07	2.29	2.74	2.21	1.45	1.41	.81	.56	14.90
.80	.52	.94	1.21	2.05	4.16	3.17	3.50	2.73	1.90	1.99	1.04	.74	15.88
.90	.73	1.15	1.41	2.59	5.21	4.17	4.20	3.22	2.30	2.57	1.27	.92	16.86
.95	.95	1.15	1.41	3.58	5.21	4.04	4.20	3.22	2.32	2.57	1.27	.92	17.84
ALPHA	1.21	2.24	3.50	1.38	1.45	1.40	2.33	3.15	2.12	1.21	2.22	1.93	10.75
BETA	.29	.23	.20	.98	1.36	1.12	.80	.49	.48	.78	.25	.21	1.15
Q	.11	.16	.05	.05	0.00	.11	0.00	0.00	.11	.10	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

BUTLER RANCH

05 1157 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951										.59	1.28	.32	
1952	.11	.09	1.12	3.47	2.04	.00	.62	1.30	.83	.00	.45	.35	10.38
1953	.34	.19	.27	1.25	2.31	1.23	2.19	1.82	.38	.44	.46	.52	11.40
1954	.27	.46	.34	.41	1.51	1.63	1.69	1.56	.16	.75	.15	.15	9.08
1955	.05	.40	.22	.16	5.77	.25	2.09	2.33	.49	.30	.51	.20	12.77
1956	.69	.49	1.24	1.51	.97	.59	1.59	1.41	T	.13	.51	.39	9.52
1957	.18	.34	.77	4.86	5.35	2.26	1.97	.62	.26	1.05	2.24	T	19.90
1958	.29	.24	1.07	1.63	5.87	.96	1.03	1.64	1.02	.74	.46	.31	15.26
1959	1.08	.57	1.23	1.15	2.37	.58	.52	3.39	1.95	2.00	.34	T	15.18
1960	1.22	1.88	.96	1.10	.96	1.00	1.20	.54	1.21	3.11	.32	1.61	15.11
1961	.02	.77	.91	.28	1.74	2.73	1.68	1.27	1.65	.05	.66	.30	12.06
1962	.17	.80	.75	.82	.17	.89	2.16	.25	T	.75	.62	.29	7.67
1963	.42	T	.34	.00	.36	1.31	1.63	1.88	.87	.17	.42	.20	7.60
1964	.10	.32	.54	.16	2.35	.05	.53	2.41	1.01	T	.14	.11	7.72
1965	.06	.52	.52	1.72	1.32	3.02	6.96	2.91	.65	.35	T	.10	18.13
1966	.37	.30	.00	.18	.36					.56	.10	.13	
1967	.24	.21	.21	1.44	1.71	4.28	2.45	1.44	.71	.85	.51	.88	14.93
1968	.32	.80E	.46	1.17	.73	.00	1.26	.60	.50	.36	.52	.30	7.02*
1969	T	T	.95	.93	.97	3.42	.52	1.20	3.11	2.71	.49E	.62	14.92*
1970	T	.00	.91	2.16	.71	.88	3.44	1.44	1.62	2.13	.43	.00	13.72

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				.7	10.8	6.5	1.0	.3		1.2	.0	.0	
51-52				.0	10.5	5.0	6.5	4.0		3.0	3.5	.0	
52-53	.0	.0	.0	.0	6.0	12.5	5.3	5.0	2.5	T	T	.0	31.3
53-54	.0	.0	.0	.0	.5	3.5	.5	7.5	1.0	T	.0	.0	14.0
54-55	T	T	.0	1.0									
55-56	.0	.0	.0	T	3.5	2.5	9.5	12.4	16.8	3.0	.0	.0	47.7
56-57	.0	.0	.0	.0	10.5	3.0	3.1	T	5.0	21.0	.0	.0	42.6
57-58	.0	.0	.0	.5	1.3	T	5.0	1.5	T	4.0	.0	.0	12.3
58-59	.0	.0	.0	.0	7.5	7.0	13.2	8.5	2.5	6.0	.0	.0	44.7
59-60	.0	.0	11.5	3.5	3.5	.0	21.0	18.0	5.8	.0	.0	.0	63.3
60-61	.0	.0	.0	2.0	4.0	23.0	1.0	11.5	7.5	2.0	.0	.0	51.0
61-62	.0	.0	.0	.0		10.0	6.5	19.5	12.0	.0	.0	.0	
62-63	.0	.0	.0	.0	4.0	4.0	6.5	.0	8.5	.0	.0	.0	23.0
63-64	.0	.0	.0	.0	.0	3.5	2.0		11.0		.0	.0	
64-65	.0	.0	.0	.0	1.8	3.0	.3	13.3	10.4	.0	.0	.0	28.8
65-66	.0	.0	.0	.0	.0		11.5	7.0	.0	2.0	.0	.0	
66-67				T	.0						.0	.0	
67-68	.0	.0	.0		.0						.0	.0	
68-69	.0	.0	.0	.0	.0		T	.0		.0	.0	.0	
69-70	.0	.0	.0	24.9			T	.0	9.1		.0	.0	

CLIMATOLOGY REPORT NO. 77-1

BYERS

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	MEANS			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	43.6	14.3	29.0	72.	1956	5	-31.	1963	12	0.0	6.4	30.4	4.4	.44	.68	1962	8	8.3	10.	1962	8	1.5	.1	0.0		
FEB	46.9	18.1	32.5	74.	1963	5	-26.	1951	1	0.0	3.1	26.7	2.0	.44	.46	1953	20	7.5	7.	1965	15	1.7	0.0	0.0		
MAR	51.2	21.4	36.3	85.	1963	28	-15.	1960	4	0.0	2.8	28.1	1.3	.91	.42	1966	3	11.3	11.	1963	4	3.3	0.0	0.0		
APR	62.2	31.3	46.8	88.	1960	21	-4.	1959	10	0.0	.2	16.8	0.0	1.22	2.02	1957	2	5.9	7.	1964	3	3.4	.5	.1		
MAY	73.2	41.8	57.5	95.	1954	20	20.	1960	1	1.1	0.0	3.1	0.0	2.46	2.78	1969	7	.6	1.	1957	16	4.4	1.7	.8		
JUN	83.6	49.9	66.8	106.	1954	23	29.	1951	2	9.7	0.0	.2	0.0	2.14	3.02	1965	16	0.0	0.	0	0	4.5	1.0	.5		
JUL	90.1	56.3	73.2	104.	1954	11	42.	1952	8	18.4	0.0	0.0	0.0	2.32	1.87	1956	31	0.0	0.	0	0	5.7	1.6	.5		
AUG	87.7	54.5	71.1	103.	1954	3	37.	1964	21	13.7	0.0	0.0	0.0	1.75	4.02	1951	3	0.0	0.	0	0	3.8	.8	.2		
SEP	79.7	45.7	62.8	99.	1954	2	25.	1965	17	4.5	0.0	1.3	0.0	1.51	4.01	1966	2	.5	0.	0	0	2.9	.9	.4		
OCT	67.8	35.2	51.5	90.	1967	3	1.	1969	14	.1	.1	11.0	0.0	.95	1.37	1966	14	4.1	14.	1969	12	2.1	.7	.1		
NOV	53.2	23.6	38.4	78.	1964	8	-19.	1955	16	0.0	1.9	25.4	.5	.48	.55	1951	5	5.5	5.	1953	25	1.4	0.0	0.0		
DEC	45.5	16.7	31.1	74.	1964	23	-17.	1964	17	0.0	3.7	29.8	1.9	.35	.46	1965	23	4.5	8.	1965	23	1.5	0.0	0.0		
ANNUAL	65.5	34.1	49.8							48.	18.	173.	10.	15.0				48.				36.	7.	3.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0.00	0.00	.06	.39	.29	.37	.74	.76	.11	.13	.08	0.00	.05	8.48
.05	0.00	.10	.38	.40	.58	.80	.98	.11	.13	.08	.00	.05	8.48
.10	.14	.16	.51	.58	.74	.90	1.00	.22	.23	.14	.11	.07	9.65
.20	.21	.23	.62	.74	1.00	1.00	1.00	.43	.43	.27	.20	.17	11.22
.30	.29	.33	.72	.90	1.00	1.00	1.00	.67	.67	.40	.27	.20	12.56
.40	.36	.36	.83	.90	1.00	1.00	1.00	.84	.84	.54	.37	.25	14.58
.50	.45	.44	.95	1.06	2.02	2.02	2.02	1.13	1.13	.71	.43	.35	17.70
.60	.55	.54	1.09	1.25	2.46	2.46	2.46	1.63	1.63	.91	.50	.35	17.87
.70	.59	.58	1.14	1.47	3.00	3.00	3.00	2.12	2.12	1.15	.60	.43	17.19
.80	.69	.68	1.28	1.77	3.73	3.73	3.73	2.79	2.79	1.50	.72	.54	18.42
.90	.91	.90	1.56	2.23	4.42	4.42	4.42	3.44	3.44	2.07	.93	.72	21.26
.95	1.12	1.11	1.82	2.66	6.06	5.62	4.57	5.07	4.18	2.63	1.12	.90	23.41
ALPHA	1.99	1.69	3.62	2.60	1.78	1.46	3.75	1.10	1.25	1.24	2.37	1.61	10.91
BETA	.24	.26	.25	.47	1.38	1.47	.62	1.60	1.21	.76	.71	.22	1.39
Q	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

BYERS

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.77	.46	.30	2.12	.84	3.10	1.01	5.93	1.01	1.53	.92	.40	18.39
1952	T	.61	1.51	1.98	3.04	.91	1.01	2.14	.23	.25	1.01	.14	12.83
1953	.45	.76	.43	.66	2.17	2.08	2.93	.61	.06	.23	.50		
1954	.10	.05	.79	.34	.55	.30	1.93	.85	.79	.11	.10	.40	6.31
1955	.18	.42	.55	.58	2.68	1.14	1.16	2.97	1.49	.36	.44	.10	11.47
1956	.40	.38	.46	.28	.71	.10	3.72	.45	.20	.44	1.45	.59	9.18
1957	.48	.27	.51	3.88	5.98	.82	2.86	2.23	1.10	1.14	.39	.05	19.71
1958	.55	.58	.89	1.24	3.79	1.45	4.92	.08	1.47	.47	.36	.48	16.28
1959	.88	.61	2.39	.98	4.20	1.02	1.13	.82	1.47	2.09	.22	.10	15.91
1960	.57	1.00	.88	1.30	2.49	1.17	2.24	.01	.39	1.99	.15	.90	13.09
1961	T	.26	1.940	.76	1.96	1.34	2.38	2.30	3.75	.50	.38	.24	15.81*
1962	.84	.44	.43	1.10	1.57	5.62	.81	.47	.52	.75	.42	.14	13.11
1963	.70	.14	1.27	.97	.28	2.31	.85	3.24	4.69	.13	.22	.38	15.18
1964	.200	.76	.80	.97	2.99	1.95	1.64	1.91	1.47	.12	.31	.15	13.27*
1965	.85	.87	1.22	.38	1.79	8.01	2.28	1.52	1.99	.97	T	.70	20.58
1966	.54	.44	.77	1.04	.46	1.22	2.62	2.11	4.78	1.58	.15	.08	15.79
1967	.66	.29	.82	2.46	5.53	4.76	4.57	.81	1.36	.67	.67	1.05	23.65
1968	.28	.35	.47	1.53	1.88	.86	2.41	1.83	.36	.50	.76	.27	11.50
1969	.24	.18	.72	.81	5.85	2.71	3.80	2.95	1.52	4.22	.34	.42	23.76
1970	.02	.01	1.15	.95	1.03	1.90	2.07	1.73	1.50	.91	.78	.10	12.15

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.5	8.0	3.9	10.0	.0	T	
51-52	T			.5	10.0	7.0	.3	10.0	21.0	5.0	.0	T	
52-53	.0	.0	.0	1.5	13.0	4.0	8.0	13.2	3.4	1.0	.5	.0	44.6
53-54	.0	T	.0	.0	6.0			.5		3.0	5.0	.0	
54-55	.0	.0	.0	T	.5	6.0	2.3	9.0	6.0	5.0	.0	T	28.8
55-56	.0	.0	.0	3.0	5.0	1.0	6.5	8.0	9.0	2.0	.0	.0	34.5
56-57	.0	.0	.0	1.5	21.0	7.0	9.5			24.5	4.0	.0	
57-58	.0	.0	.0	1.0	1.0	T	9.5	8.0	6.1	4.0	.0	.0	29.6
58-59	.0	.0	.0	2.0	6.0	6.0	11.5	10.0	24.5	17.0	.0	.0	77.0
59-60	.0	.0	8.0	8.0	3.0	1.0	12.0	13.5	11.0	4.0	2.0	.0	62.5
60-61	.0	.0	.0			12.8	.8	2.0				.0	
61-62	.0	.0	.5	3.5	5.9	7.6	13.2	11.1	6.9	9.5	.0	.0	58.2
62-63	.0	.0	1.5	.0	3.5	2.1	13.5	2.5	19.2	1.5	.0	.0	43.8
63-64	.0	.0	.0	.0	2.5	5.8		14.0		12.0	T	.0	
64-65	.0	.0	.0	.0	5.0	1.5	18.0	18.0	24.5	T	.0	.0	67.0
65-66	.0	.0	T	3.0	T	10.5	14.0	6.0	6.5	4.0	.0	.0	44.0
66-67	.0	.0	T	14.0	2.0	1.0	13.0	2.5	6.0	5.0	T	.0	43.5
67-68	.0	.0	.0	T	7.0		1.0	3.0	6.0	4.0	.0	.0	
68-69	.0	.0	.0	T	4.0	6.0	4.0	3.0	10.0	T	.0	.0	27.0
69-70	.0	.0	.0	38.0	4.0	1.0	T	T	17.5	1.0	.0	.0	61.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.7	46.5	51.7M	56.8	72.8	76.2M	89.4M	85.6M	77.9M	62.7	49.7	41.2	62.4*
1952	47.4M	46.3M	46.8M	60.7	65.0	88.4M	90.9	83.5	83.7	70.6	46.2	42.3	65.1*
1953	50.9	46.4	57.9	56.1	68.6M	87.1	91.4	85.9	84.2M	70.2	56.7	44.5	66.7*
1954	53.9M	59.2	48.6	70.7M	72.1M	89.6M	94.4M	90.2	83.2	68.3M	58.9	48.9	69.8*
1955	38.2M	41.3M	53.6	65.8	74.7	79.1M	94.5	89.4	80.0	70.8	51.6	48.0	65.6*
1956	46.8	39.6	53.0	61.3M	76.8	92.4M	88.8	83.9	85.4M	73.7M	47.0	46.2	66.2*
1957	36.6	53.3M	50.7	53.2	66.1M	79.9	88.9	87.5M	77.8M	64.6	48.7	53.2	63.4*
1958	47.1	50.1	44.2	57.6	76.8	86.6	86.3	91.3	81.5	69.9	55.1	47.2M	66.1*
1959	43.5	41.9	51.5M	60.4	70.0M	87.5	90.7	89.9	78.4	62.0M	52.2	47.0M	64.6*
1960	37.4	35.9	50.0	64.6	71.6M	85.2	88.5M	91.2	82.3M	68.3M	54.8	38.3M	64.0*
1961	42.6M	49.4M		58.7M	74.5M	83.6	88.5	87.4	71.0	66.8	49.2	40.3	
1962	36.8	46.6	50.1	66.4	77.3	81.0	88.5	90.9	79.8	70.7	56.3	49.6	66.2
1963	33.8	50.9	52.6	66.4	78.7	86.4	94.3	85.3	82.0	73.5	57.2	43.5	67.1
1964		42.7	48.1	62.6	75.5	82.1	92.9	87.2	79.8	70.1	53.6	47.4	
1965	50.4	45.0	42.6	67.1	74.0		88.4	85.5	70.6	71.8	60.3	49.5	
1966	40.3	40.7	59.3	62.6	78.3	84.9	93.0	85.2	78.8	67.2	56.1	45.1	66.0
1967	46.5	49.6	61.4	66.9	68.4	74.0	84.6	83.9	78.0	69.8	54.1	39.2	64.7
1968	44.1	48.2	57.7	59.1	68.9	88.1	88.4	85.9	80.8	71.2	49.9	44.1	65.5
1969	48.3	50.1	46.0	67.8	73.7	75.4	90.5	89.8	80.8	52.5	52.1	43.6	64.2
1970	45.2	55.2	47.5	59.1	76.4	81.3	89.2	90.0	78.9	61.3	54.0	50.3	65.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.5	19.5	21.3M	31.3	42.0	47.0M	57.7M	55.0M	46.4M	34.9	23.5	16.4	34.0*
1952	20.5M	19.6M	20.6M	34.6	43.4	53.7M	56.2	55.8	47.8	34.9	19.1	18.3	35.4*
1953	23.4	17.9	27.2	29.1	40.5M	53.2	58.3	55.8	49.0M	38.3	28.3	17.4M	36.5*
1954	20.3M	26.6	20.5	36.3M	41.6M	50.2M	59.6	54.3	49.1	34.7M	27.3	18.0	36.5*
1955	12.3M	13.6M	21.1M	33.4	43.4	48.2M	57.5	57.3	47.2	36.1	20.1	20.1	34.2*
1956	18.7	10.8	22.7	28.9M	43.7	55.5M	56.3	53.5	46.3M	37.3M	22.1	21.0	34.7*
1957	10.8	25.9M	24.3	29.5	40.9M	48.5	56.3	54.5M	42.6M	38.1	24.2	22.4	34.8*
1958	15.4	23.2	21.2	30.2	46.6	51.4	53.5	55.4	47.5	36.4	24.4	20.6M	35.5*
1959	14.3	18.1	22.3M	30.1	42.9M	51.2	53.5	56.3	43.2	31.7M	18.5	18.2M	33.4*
1960	11.8	10.9	22.3	33.0	40.5M	51.5	54.6M	54.6	47.9M	37.4M	23.3	13.1M	33.4*
1961	14.9M	20.7M		28.5M	42.0M	51.0	55.6	56.7	41.9	34.2	22.9	12.4	
1962	5.7	19.3	20.9	34.8	42.5	48.6	54.5	52.7	46.0	37.5	27.3	18.8	34.1
1963	2.1	22.1	23.3	32.6	42.7	50.4	58.3	56.3	52.7	43.4	27.4	14.5	35.5
1964		12.7	19.3	31.2	42.0	48.6	56.9	51.8	43.7	34.0	21.8	14.6	
1965	18.0	13.3	13.8	34.2	41.1		57.2	53.3	40.8	37.2	27.8	19.1	
1966	8.8	12.5	23.8	29.1	41.7	48.4	58.5	53.0	47.1	32.2	24.8	13.8	32.8
1967	17.2	17.8	25.4	31.1	37.4	48.0	55.1	50.7	43.6	34.2	21.1	10.1	32.6
1968	14.2	17.8	22.2	26.2	36.7	49.4	54.4	50.2	42.7	34.8	21.3	13.6	32.0
1969	16.9	19.9	17.0	35.7	44.7	46.4	57.3	56.0	47.9	27.1	23.3	16.3	34.2
1970	14.2	20.0	17.9	26.8	40.3	47.3	54.4	56.0	41.1	28.8	23.2	12.8	31.9

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.6	33.0	36.5M	44.1	57.4	61.6M	73.6M	70.3M	62.2M	48.8	36.6	28.8	48.2*
1952	34.0M	33.0M	33.7M	47.7	56.2	71.1M	73.6	72.2	65.8	52.8	32.7	30.3	50.3*
1953	37.2	32.2	42.6	42.6	54.6M	70.2	74.9	70.9	66.6M	54.3	42.5	31.0M	51.6*
1954	37.1M	42.9	34.6	53.5M	56.9M	69.9M	77.3M	72.3	66.2	51.5M	43.1	33.5	53.2*
1955	25.3M	27.5M	37.4M	49.6	59.1	63.7M	76.0	73.4	63.6	53.5	35.9	34.1	49.9*
1956	32.8	25.2	37.9	45.1M	60.3	74.0M	72.6	68.7	65.9M	55.5M	34.6	33.6	50.5*
1957	23.7	39.6M	37.5	41.4	53.5M	64.2	72.6	71.0M	60.2M	51.4	36.5	37.8	49.1*
1958	31.3	36.7	32.7	43.9	61.7	69.0	69.9	73.4	64.5	53.2	39.8	33.5M	50.8*
1959	28.9	30.0	36.9M	45.3	56.5M	69.4	72.1	73.1	60.8	46.9M	35.4	32.6M	49.0*
1960	24.6	23.4	36.2	48.8	56.1M	68.4	71.6M	72.9	65.1M	52.9M	39.1	25.7M	48.7*
1961	28.8M	35.1M		43.6M	58.3M	67.3	72.1	72.1	56.5	50.5	36.1	26.4	
1962	21.3	33.0	35.5	50.6	59.9	64.8	71.5	71.8	62.9	54.1	41.8	34.2	50.1
1963	18.0	36.5	38.0	49.5	60.7	68.4	76.3	70.8	67.4	58.5	42.3	29.0	51.3
1964		27.7	33.7	46.9	58.8	65.4	74.9	69.5	61.8	52.1	37.7	31.0	
1965	34.2	29.2	28.2	50.7	57.6		72.8	69.4	55.7	54.5	44.1	34.3	
1966	24.6	26.6	41.6	45.9	60.0	66.7	75.8	69.1	63.0	49.7	40.5	29.5	49.4
1967	31.9	33.7	43.4	49.0	52.9	61.0	69.9	67.3	60.8	52.0	37.6	24.7	48.7
1968	29.2	33.0	40.0	42.7	52.8	68.8	71.4	68.1	61.8	53.0	35.6	28.9	48.8
1969	32.6	35.0	31.5	51.8	59.2	60.9	73.9	72.9	64.4	39.8	37.7	31.0	49.2
1970	29.7	37.6	32.7	43.0	58.4	64.3	71.8	73.0	60.0	45.1	38.6	31.6	48.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CANON CITY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAS.			EXTREMES				MEAN NO. OF DAYS					SNOW, SLEET				MEAN NO. OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN.	51.0	22.9	37.0	72.	1953	10	-23.	1963	12	0.0	2.5	24.9	1.5	.31	.90	1960	14	3.9	4.	1951	30	.9	.1	0.0	
FEB	53.0	25.1	39.1	76.	1963	5	-16.	1951	1	0.0	1.6	21.8	.7	.46	.71	1967	1	6.8	6.	1955	3	1.9	.1	0.0	
MAR	55.6	27.8	41.7	80.	1966	31	-5.	1960	3	0.0	1.5	20.3	.4	.86	1.23	1959	25	9.5	10.	1964	8	2.7	.2	.1	
APR	65.3	37.4	51.4	84.	1962	19	10.	1959	13	0.0	0.0	8.3	0.0	1.32	2.67	1957	2	5.2	15.	1957	7	2.8	.6	.2	
MAY	74.9	46.8	60.9	94.	1968	29	24.	1954	2	.5	0.0	.9	0.0	1.63	2.74	1955	18	.1	2.	1954	1	3.6	.9	.3	
JUN	84.4	54.9	69.7	100.	1968	29	30.	1969	12	9.0	0.0	.1	0.0	1.14	1.30	1957	11	0.0	0.	0	0	3.8	.5	.2	
JUL	89.5	62.0	75.8	107.	1954	11	44.	1952	8	16.9	0.0	0.0	0.0	1.91	1.84	1956	30	0.0	0.	0	0	4.6	1.4	.4	
AUG	87.1	60.3	73.7	99.	1969	16	37.	1968	30	12.0	0.0	0.0	0.0	2.02	1.32	1965	20	0.0	0.	0	0	5.5	1.1	.2	
SEP	81.6	51.7	66.2	95.	1959	6	28.	1959	30	2.8	0.0	.3	0.0	.86	1.65	1959	29	.7	0.	0	0	2.3	.5	.2	
OCT	70.5	41.7	56.1	90.	1952	1	15.	1969	12	0.0	0.0	4.5	0.0	1.05	1.24	1959	1	2.3	0.	0	0	2.5	.6	.2	
NOV	58.6	31.0	44.8	76.	1967	16	-2.	1951	2	0.0	.7	16.2	.2	.60	1.03	1956	19	3.7	10.	1956	19	1.8	.1	.1	
DEC	51.6	25.5	38.6	72.	1965	5	-10.	1961	13	0.0	1.7	23.1	.7	.42	.63	1969	5	6.3	11.	1967	14	1.4	.1	0.0	
ANNUAL	66.7	42.7	54.7							4.1	8.	120.	4.	12.6				38.				34.	6.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	0.00	0.00	.38	.41	0.00	0.00	0.00	0.00	6.28
.10	0.00	0.00	.26	.46	.15	0.00	.55	.60	0.00	0.00	.13	0.00	7.34
.20	.02	.10	.42	.48	.40	.53	.83	.49	.23	.16	.04	.13	8.78
.30	.07	.18	.54	.58	.64	.73	1.09	1.16	.38	.32	.21	.21	9.94
.40	.12	.26	.66	.79	.91	.89	1.35	1.44	.53	.50	.31	.28	11.01
.50	.19	.45	.78	1.03	1.21	1.06	1.63	1.73	.69	.71	.43	.35	12.07
.60	.27	.65	.91	1.30	1.56	1.24	1.94	2.06	.87	.97	.56	.44	13.20
.70	.38	.87	1.07	1.64	2.01	1.45	2.32	2.46	1.09	1.30	.74	.54	14.49
.80	.53	1.27	1.27	2.09	2.63	1.71	2.83	3.08	1.39	1.75	.98	.67	16.10
.90	.79	1.93	1.59	2.85	3.66	2.12	3.64	4.02	1.87	2.53	1.39	.88	18.51
.95	1.05	1.31	1.88	3.58	4.68	2.49	4.49	4.62	2.33	3.30	1.80	1.09	20.67
ALPHA	.96	1.42	3.06	1.48	1.26	3.49	2.19	2.25	1.69	1.08	1.11	1.99	8.04
BETA	.38	.36	.30	.94	1.37	.36	.87	.90	.57	1.08	.52	.24	1.57
Q	.15	.10	.05	.05	.05	.10	0.00	0.00	.10	.10	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

CANON CITY

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.56	.39	.92	.87	1.78	.54	.38	2.30	.33	1.39	.86	.48	10.80
1952	T	T	1.08	2.75	1.55	T	1.00	2.08	.41	T	.71	.38	10.04
1953	.00	.10	.38	1.72	1.66	.70	1.83	2.05	.00	1.17	.86	.50	10.97
1954	.15	T	.52	.18	1.08	.28	1.58	1.21	.61	.27	.31	.41	6.60
1955	T	.72	.32	.24	4.17	.76	1.83	2.82	1.02	.03	.52	.250	12.68*
1956	.790	.23	.88	3.48	1.13	.97	2.83	2.04	.00	.31	1.20	.74	14.60*
1957	.51	.36	.39	5.61	5.73	1.94	2.92	2.24	.27	1.21	2.31	T	23.49
1958	.73	.03	1.37	.90	3.02	1.66	.64	2.20	.63	1.08	.30	.12	12.68
1959	.61	.61	1.47	1.71	1.75	1.04	.72	1.50	3.16	3.10	.05	.10	16.12
1960	1.10	.80	1.44	.56	.92	1.11	2.06	.17	2.00	2.30	.06	.35	12.87
1961	.02	1.31	1.27	.46	1.14	1.89	3.27	3.29	1.87	1.22	.27	.47	16.48
1962	.20	.25	.28	1.17	T	.37	.43	.40	.34	.54	.94	.19	5.11
1963	.47	.33	.68	.00	.11	1.66	.20	1.92	.44	.61	.03	.34	6.79
1964	.06	.79	1.35	.48	2.10	1.44	1.73	.19	.25	T	1.39	.23	10.01
1965	.04	.64	.97	2.43	.24	2.11	4.31	4.76	1.47	.48	T	.12	17.57
1966	.04	.21	.00	.64	.73	.72	2.28	2.72	.12	.10	.18	.42	8.16
1967	.18	1.410	.25	.56	2.57	2.16	3.34	2.22	1.06	1.21	.21	1.27	16.44*
1968	.09	.71	1.17	.80	.07	.00	2.46	2.26	.95	.18	1.21	.43	10.33
1969	.06	.19	.55	.67	2.43	1.72	1.97	1.84	.76	3.890	.30	1.65	16.03*
1970	.30	.06	2.01	1.120	.45	1.74	2.32	2.16	1.53	1.99	.34	T	14.02*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							5.4	5.0	10.0	7.0	.0	.0	
51-52	.0	.0	.0				.0	T			.0	.0	
52-53	.0	.0	.0	T			.0	2.0	2.0	6.1		.0	
53-54	.0	.0	.0	.0		1.8		T	6.5	T	1.5	.0	
54-55	T	.0	.0	.0	2.5	6.5	T	12.1	5.3	2.5	.0	.0	28.9
55-56	.0	.0	.0	T				3.3	8.0	T	.0	.0	
56-57	.0	.0	.0	T	11.5	8.5		.0		27.5	T	.0	
57-58	.0	.0	.0	.0		.0		1.0	15.5	4.0	.0	.0	
58-59	.0	.0	.0	.0	6.5	2.5	14.5	13.5	1.3	15.0	.0	.0	53.3
59-60	.0	.0	13.5	16.0	2.3	1.8	8.8	11.9	14.0	.0	.0	.0	68.3
60-61	.0	.0	.0	.0	5.0	15.0	3.0	17.0	12.5		.0	.0	
61-62	.0	.0	.0	.0		11.5	7.5	6.0	5.0	9.0	.0	.0	
62-63	.0	.0	.0	.0				2.6	9.1	.0	.0	.0	
63-64	.0	.0	.0	.0	.0	7.5		15.7	15.0	.0	.0	.0	
64-65	.0	.0	.0	.0		2.0	.4	16.0	16.2	.0	.0	.0	
65-66	.0	.0	.0	.0	.0	1.5	4.0	3.0	.0	7.0	.0	.0	15.5
66-67	.0	.0	.0	.0	.0	5.2	3.3	10.9		.0	.0	.0	
67-68	.0	.0	.0		4.5	20.5	2.0	12.0	13.5	6.2	.0	.0	
68-69	.0	.0	.0	T	10.0	10.0	2.0	3.0	10.8	.0	.0	.0	35.8
69-70	.0	.0	.0	17.5	2.0			.5	12.4	3.8	.0	.0	

CANON CITY

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	47.8	55.3	55.1	63.6	75.7	80.1	91.8	88.1	82.3	68.4	56.8	49.9	67.9
1952	52.9	54.4	52.6	66.4	74.6	90.5	89.8	89.0	83.2	75.0	52.7	50.5	69.3
1953	59.8	53.4	61.9	60.6	71.2	88.0	90.5	87.2	84.2	70.0	58.9	51.3	69.8
1954	54.1	62.4	52.9	70.3	70.6	86.4H	91.8	88.3	83.1	69.7	64.2	56.0	70.8*
1955	50.2	47.6	59.2	67.9	74.7	81.2	91.2	88.2	81.4	74.7	57.8		
1956		46.2	59.0H	62.9	79.4	89.4	88.1	85.5	85.1	73.5	55.7	53.1	
1957	46.7	59.3	55.3	55.5	67.7	81.3	88.4	87.0	79.6	67.5	50.3	56.1	66.2
1958	51.2	55.1	46.9	61.3	78.3H	86.3	88.0	88.8	81.6	70.7	61.7	57.0	68.9*
1959	50.7	49.6	57.4	64.7	73.6	86.7	88.5	88.6	78.2	64.6	61.4	53.0	68.1
1960	45.5	40.9	56.7	68.9	74.3	86.3	86.8	89.8	81.5	69.3	61.3	47.1	67.4
1961	51.9	54.0	55.4	64.9	75.7	84.5	86.5	84.8	75.3	67.8	53.7	46.5	66.8
1962	46.3	52.8	54.8	67.9	78.2	81.9	87.6	90.3	81.0	73.8	60.2	55.3	69.2
1963	44.3	57.5	57.6	69.1	78.2	86.4	92.7	84.8	83.5	76.7	62.1	48.7	70.1
1964	50.8	46.1	52.4	64.9	75.1	82.6	92.0	87.3	79.3	73.4	55.8	50.0	67.5
1965	55.1	52.5	47.8	65.9	73.3	80.4	87.7	84.0	74.7	74.4	62.5	55.2	67.8
1966	46.3	48.8	61.2	66.8	77.9	84.8	91.3	83.1	81.0	70.7	61.5	49.9	68.6
1967	55.5	54.9	64.8	69.6	71.8	79.9	87.4	84.4	79.7	74.6	60.8	45.6	69.1
1968	52.8	53.7	58.1	63.2	73.0	86.7	88.2	84.0	80.3	73.4	55.9	50.8	68.5
1969	56.5	54.0	48.9	69.3	76.9	79.3	91.2	90.4	80.7	59.4	60.8	52.9	68.4
1970	51.2	61.6	54.5	61.9	78.4	83.3	90.6	88.8	76.7	63.4	57.2	52.2	68.3

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	20.7	26.4	24.7	34.2	45.5	50.2	60.3	60.7	48.8	37.8	27.9	22.2	38.3
1952	25.9	25.4	25.7	37.2	46.7	58.8	60.2	59.7	52.4	40.2	22.1	24.7	39.9
1953	20.8	24.7	32.4	35.3	43.4	54.0	62.3	57.1	51.4	41.0	32.0	24.1	40.7
1954	24.6	28.2	21.3	37.1	44.9	54.7	64.0	60.1	55.1	41.7	35.0	27.2	41.2
1955	23.2	20.8	29.5	40.9	47.5	52.2	63.4	63.0	53.8	42.8	27.8		
1956		21.7	29.4H	36.6	50.0	60.0	59.9	58.8	52.6	43.0	27.4	28.5	
1957	19.8	31.1	29.7	33.6	44.3	53.0	61.9	61.0	49.5	43.0	27.7	28.8	40.3
1958	24.2	27.1	24.0	35.4	50.7H	55.4	60.1	61.2	53.1	42.1	32.5	30.3	41.3*
1959	22.8	24.6	29.9	37.6	48.3	59.4	61.2	62.0	49.0	38.3	28.0	28.5	40.8
1960	18.9	17.4	27.7	39.6	46.0	57.1	62.7	60.9	56.4	43.9	33.0	24.6	40.7
1961	25.9	29.1	32.0	37.6	49.0	57.7	61.1	60.4	46.4	40.3	30.3	20.4	40.8
1962	17.1	27.3	26.7	41.6	48.2	53.6	59.1	61.6	53.5	45.6	34.6	29.0	41.5
1963	14.7	30.1	31.6	41.3	50.3	56.7	65.2	61.2	57.6	49.3	34.6	21.2	42.8
1964	25.5	20.6	25.6	38.3	49.4	54.9	64.3	58.7	52.0	41.8	31.3	27.3	40.8
1965	28.2	21.7	19.9	42.1	48.9	55.0	62.9	57.9	46.7	43.3	37.1	30.7	41.2
1966	19.7	20.5	32.7	37.1	48.8	57.5	63.5	57.4	51.0	42.3	33.6	22.4	40.5
1967	26.6	25.6	32.8	36.4	41.8	49.6	58.9	57.7	49.4	41.5	30.5	17.9	39.1
1968	21.0	22.6	29.9	34.6	43.7	57.6	58.9	56.2	42.2	29.0	29.0	20.9	
1969	22.9	25.4	22.1	36.7	44.5	47.6	63.6	63.2	52.8	34.6	33.7	29.1	39.7
1970	22.0	32.1	29.0	35.3	44.3	53.7	66.5	66.5	50.7	36.6	31.3	26.2	41.4

CANCN CITY

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.3	40.9	39.9	48.9	60.6	65.2	76.1	74.4	65.6	53.1	42.4	36.1	53.1
1952	39.4	39.9	39.2	51.8	60.7	74.7	75.0	74.4	67.8	57.6	37.4	37.6	54.6
1953	45.3	39.1	47.2	48.0	57.3	71.0	76.4	72.2	67.8	55.5	45.5	37.7	55.3
1954	39.4	45.3	37.1	53.7	57.8	70.6M	77.9	74.2	69.1	55.7	49.6	41.6	56.0*
1955	36.7	34.2	44.4	54.4	61.1	66.7	77.3	75.6	67.6	58.8	42.8		
1956		34.0	44.2M	49.8	64.7	74.7	74.0	72.2	68.9	58.3	41.6	40.8	
1957	33.3	45.2	42.5	44.6	56.0	67.2	75.2	74.0	64.6	55.3	39.0	42.5	53.3
1958	37.7	41.1	35.5	48.4	64.5M	70.9	74.1	75.0	67.4	56.4	47.1	43.7	55.2*
1959	36.8	37.1	43.7	51.2	61.0	73.1	74.9	75.3	63.6	51.5	44.7	40.8	54.5
1960	32.2	29.2	42.2	54.3	60.2	71.7	74.8	75.4	69.0	56.6	47.2	35.9	54.1
1961	38.9	41.1	43.7	51.3	62.4	71.1	73.8	72.6	60.9	54.1	42.0	33.5	53.8
1962	31.7	40.1	40.8	54.8	63.2	67.8	73.4	76.0	67.3	59.7	47.4	42.2	55.4
1963	29.5	43.8	44.6	55.2	64.3	71.6	79.0	73.0	70.6	63.0	48.4	35.0	56.5
1964	38.2	33.4	39.0	51.6	62.3	68.8	78.2	73.0	65.7	57.6	43.6	38.7	54.2
1965	41.7	37.1	33.9	54.0	61.1	67.7	75.3	71.0	60.7	58.9	49.8	43.0	54.5
1966	33.0	34.7	47.0	52.0	63.4	71.2	77.4	70.3	66.0	56.5	47.6	36.2	54.6
1967	41.1	40.3	48.8	53.0	56.8	64.8	73.2	71.1	64.6	58.1	45.7	31.8	54.1
1968	36.9	38.2	44.0	48.9	58.4	73.2	73.6	70.1	57.8	57.8	42.5	35.9	
1969	39.7	39.7	35.5	53.0	60.7	63.5	77.4	75.8	66.8	47.0	47.3	41.0	54.0
1970	36.6	46.9	41.8	48.6	61.4	68.5	78.6	77.7	63.7	51.0	44.3	39.2	54.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CEDAREGGE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

YEAR'S	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	EXTREMES						MEAN NO OF DAYS						SNOW, SLEET				MEAN NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	90 OR ABOVE	32 OR BELOW											
JAN	39.1	16.4	27.8	61.	1956	8	-24.	1963	13	0.0	5.8	20.5	1.8	.86	.78	1956	16	9.5	10.	1957	27	2.8	.2	0.0		
FEB	44.3	20.3	32.3	66.	1962	11	-22.	1951	1	0.0	2.1	26.4	.6	.83	.55	1962	9	8.4	7.	1959	9	3.3	.1	0.0		
MAR	51.3	25.2	38.3	72.	1956	24	-1.	1952	23	0.0	.4	26.0	0.0	.92	.67	1960	14	7.8	6.	1952	21	3.6	.1	0.0		
APR	61.7	32.8	47.3	82.	1953	22	15.	1951	11	0.0	0.0	15.0	0.0	.93	.64	1962	29	2.8	2.	1957	7	3.2	.4	0.0		
MAY	72.4	41.9	57.2	93.	1956	31	22.	1953	2	0.0	0.0	2.6	0.0	.94	1.06	1964	1	.4	0.	0	0	3.0	.4	.1		
JUN	81.7	49.3	65.6	103.	1968	22	32.	1954	2	3.8	0.0	.1	0.0	.80	1.32	1969	24	0.0	0.	0	0	2.3	.4	.1		
JUL	87.7	56.1	71.9	96.	1960	26	42.	1968	1	11.8	0.0	0.0	0.0	.91	1.15	1968	28	0.0	0.	0	0	2.6	.4	.1		
AUG	84.8	53.9	69.4	96.	1970	1	37.	1960	17	5.9	0.0	0.0	0.0	1.40	1.20	1957	30	0.0	0.	0	0	3.5	.6	.1		
SEP	77.7	45.9	61.8	93.	1955	4	27.	1970	26	.6	0.0	.6	0.0	1.19	1.84	1970	6	0.0	0.	0	0	3.7	.6	.1		
OCT	66.2	35.9	51.1	84.	1963	2	16.	1970	28	0.0	0.0	10.0	0.0	1.22	2.18	1957	13	.7	0.	0	0	3.2	.6	.2		
NOV	53.1	25.3	37.8	70.	1952	1	-9.	1952	27	0.0	.8	24.9	.1	.94	.97	1965	23	4.6	11.	1954	30	2.6	.2	0.0		
DEC	45.0	17.6	28.9	59.	1958	7	-11.	1961	12	0.0	5.0	29.3	.8	.97	.74	1966	6	9.3	8.	1967	31	3.6	.1	0.0		
ANNUAL	63.1	35.0	49.1							22.	14.	165.	3.	11.6				43.					37.	4.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.13	.12	.19	.29	.13	.07	.12	.42	.06	0.00	.35	.30	7.95
.10	.20	.19	.27	.39	.20	.13	.19	.55	.12	0.00	.43	.39	8.70
.20	.33	.31	.41	.51	.34	.23	.32	.75	.26	.64	.56	.53	9.67
.30	.45	.42	.53	.62	.47	.35	.43	.93	.42	.71	.67	.65	10.42
.40	.57	.54	.66	.73	.61	.47	.59	1.09	.61	.93	.77	.76	11.06
.50	.70	.67	.79	.85	.76	.60	.73	1.27	.83	1.13	.87	.88	11.73
.60	.86	.83	.94	.97	.94	.77	.90	1.46	1.09	1.35	.98	1.01	12.41
.70	1.05	1.02	1.12	1.12	1.15	.97	1.12	1.68	1.44	1.60	1.11	1.17	13.15
.80	1.30	1.27	1.36	1.31	1.45	1.26	1.40	1.97	1.92	1.91	1.28	1.37	14.07
.90	1.71	1.66	1.74	1.60	1.93	1.73	1.87	2.43	2.26	2.40	1.53	1.68	15.60
.95	2.10	2.08	2.10	1.87	2.39	2.19	2.32	2.85	3.59	2.86	1.76	1.97	16.56
ALPHA	1.79	1.69	2.27	3.50	1.63	1.29	1.62	3.37	.99	3.22	4.49	3.45	20.49
BETA	.48	.49	.41	.27	.50	.62	.57	.42	1.21	.45	.71	.28	.58
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.86	.88	.13	.97	.52	.55	.55	1.73	.44	1.09	.73	1.29	9.74
1952	1.99	.41	1.43	1.05	.54	.25	1.07	2.28	.74	.00	.88	.55	11.19
1953	.89	.31	1.24	1.56	1.27	.19	.76	1.81	.05	2.22	1.29	.44	12.03
1954	.28	.76	.68	.74	.72	.26	.87	.97	1.65	1.24	1.72	.37	10.06
1955	.55	1.71	.19	.58	1.54	.44	1.73	.95	.49	.35	.79	1.15	10.47
1956	1.66	.51	.80	.63	.07	.74	1.07	.60	.10	.92	.60	.88	8.58
1957	2.39	.92	.50	2.07	3.15	1.22	1.80	2.41	.09	3.65	1.23	1.02	20.45
1958	.60	1.47	1.68	.59	.38	1.95	.69	.94	1.28	.65	.80	.28	11.31
1959	.49	1.27	.60	.79	.51	.53	.22	1.86	1.44	1.87	.34	1.47	11.39
1960	.63	1.13	1.35	.82	.48	.44	.02	1.48	.49	1.41	.52	.55	9.32
1961	.07	.31	1.80	1.04	1.06	.09	.19	1.09	3.40	1.59	.65	.95	12.24
1962	.68	1.95	.73	1.37	.69	.58	1.31	.17	1.59	1.12	.79	.88	11.86
1963	1.28	.70	1.16	.50	.48	.35	1.01	1.23	.93	1.63	.86	.32	10.45
1964	.31	.21	1.22	1.75	1.98	.70	.31	2.91	.97	.00	1.25	1.49	13.10
1965	1.04	.82	1.10	1.40	1.52	1.16	1.58	2.00	2.71	.77	2.47	1.32	17.89
1966	.31	.67	.14	.79	1.32	.41	.39	.53	.36	.55	1.02	2.47	8.96
1967	.55	.14	.50	.31	1.08	1.04	1.21	1.74	1.53	T	.35	1.67	10.12
1968	.21	1.99	.59	.54	.98	.04	2.28	1.48	.07	.87	1.04	.90	10.99
1969	1.88	.93	.64	.16	.52	2.99	.73	.98	1.18	2.94	.50	.63	13.98
1970	.45	.05	1.92	.99	.06	2.04	.47	.87	4.18	1.58	.93	.87	14.41

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.5	12.0	2.0	4.0	.5	.0	
51-52	.0	.0	.0	.5	6.0	17.5	28.0	6.5	23.0	1.0	.0	.0	82.5
52-53	.0	.0	.0	.0	12.5	7.5	12.0	4.0	4.0	4.0	.0	.0	44.0
53-54	.0	.0	.0	.0	2.0	7.5	5.5	5.5	1.5	.0	1.5	.0	23.5
54-55	.0	.0	.0	.5	12.5	2.0	8.0	22.0	3.0	3.0	.0	.0	51.0
55-56	.0	.0	.0	.0	8.0	11.0	9.5	7.0	10.5	1.5	.0	.0	47.5
56-57	.0	.0	.0	.0	12.0	12.5	26.5	.0	3.0	9.5	.0	.0	63.5
57-58	.0	.0	.0	.0	6.0	6.5	7.5	13.0	9.5	4.0	.0	.0	46.5
58-59	.0	.0	.0	2.5	2.0	4.0	7.0	14.5	1.0	2.0	.0	.0	33.0
59-60	.0	.0	.0	.0	.0	9.0	7.0	18.0	8.5	.5	.0	.0	43.0
60-61	.0	.0	.0	.0	2.0	8.5	1.0	5.0	18.0	.0	.0	.0	
61-62	.0	.0	.0	3.0	1.4	14.3	9.0	9.0	9.0	4.5	.0	.0	50.2
62-63	.0	.0	.0	.0	5.0	9.0	10.5	4.0	14.0	2.0	.0	.0	44.5
63-64	.0	.0	.0	.0	1.0	4.0	5.5	3.5	17.0	8.0	3.0	.0	42.0
64-65	.0	.0	.0	.0	12.5	7.5	9.0	8.0	7.0	2.5	3.0	.0	49.5
65-66	.0	.0	.0	.0	2.0	7.0	4.0	8.5	2.0	3.0	1.0	.0	27.5
66-67	.0	.0	.0	1.5	T	8.0	5.0	1.0	1.0	.5	.0	.0	17.0
67-68	.0	.0	.0	.0	2.0	23.5	4.0	14.0	1.5	T	T	.0	45.0
68-69	.0	.0	.0	T	4.0	10.7	11.1	11.6	6.6	T	.0	.0	44.0
69-70	.0	.0	.0	5.0	.5	5.3	7.3	.3	14.8	2.5	.0	.0	35.7

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.8	44.3	51.7	61.9	71.8	79.1	89.8	84.0	79.7	63.5	45.7	37.4	62.4
1952	38.9	39.9	44.2	63.2	72.5	83.1	86.7	84.6	79.7	72.1	46.6	38.5	62.5
1953	43.8	44.2	54.1	59.5	65.8	83.8	88.3	83.2	82.1	66.7	52.9	37.8	63.6
1954	45.2	52.7	50.6	68.4	74.8	81.9	88.2	84.6	77.0	67.5	55.7	39.7	65.5
1955	36.9	36.8	50.3	60.8	70.4	78.6	87.9	66.1	81.4	70.0	48.2	44.9	62.7
1956	46.7	40.8	55.2	62.1	76.4	87.1	89.0	85.9	84.4	68.9	45.7	39.0	65.1
1957	38.5	48.1	54.7	60.3	66.2	80.9	85.9	83.7	77.6	63.3	43.9	43.0	62.2
1958	40.1	48.5	48.9	60.2	77.4	84.5	87.5	88.8	78.0	68.1	51.5	47.5	65.1
1959	41.5	44.6	53.2	64.3	72.9	86.2	89.7	84.5	74.9	63.5	51.3	41.5	64.0
1960	35.6	37.4	54.7	64.6	72.5	84.3	89.0	87.6	79.9	64.2	53.0	38.4	63.4
1961	40.8	46.3	51.3	60.5	73.7	85.9	88.1	85.4	69.8	63.9	47.4	34.2	62.3
1962	34.9	45.0	48.4	66.5	70.6	81.1	85.1	85.8	78.1	67.4	54.6	42.6	63.3
1963	29.9	48.6	51.4	61.9	76.9	80.5	88.5	82.8	80.9	71.7	54.0	40.6	64.0
1964	36.8	40.1	46.1	57.5	70.8	78.4	87.5	80.4	75.4	71.2	47.2	39.1	60.9
1965	41.8	44.1	47.5	59.1	67.9	76.6	83.4	81.7	69.9	68.5	54.2	43.5	61.5
1966	38.1	40.4	57.7	63.2	75.6	80.8	88.0	85.5	79.7	66.4	54.8	39.0	64.1
1967	39.0	46.5	58.2	62.3	71.4	78.2	87.2	85.3	78.2	68.4	52.4	32.2	63.3
1968	33.9	44.4	53.0	55.7	66.9	85.0	86.7	79.8	76.4	66.7	45.6	38.7	61.2
1969	40.6	42.0	48.8	66.7	77.2	77.8	88.6	86.4	78.2	54.7	48.7	41.9	62.8
1970	39.5	51.3	46.7	54.0	74.6	80.1	87.7	87.7	73.2	57.2	49.5	41.5	61.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.1	20.3	23.8	33.3	41.6	46.0	55.1	53.6	43.7	35.2	20.4	15.0	33.7
1952	16.9	16.8	22.7	33.5	41.2	50.3	54.4	53.5	45.5	34.3	19.9	14.4	33.6
1953	21.1	18.6	25.9	31.5	37.0	49.6	56.5	51.8	45.3	35.3	27.5	14.0	34.5
1954	20.4	23.1	23.6	37.4	45.4	48.7	58.3	53.2	48.4	37.5	28.2	17.2	36.8
1955	16.1	11.9	25.7	31.4	42.2	49.6	57.2	57.9	49.5	37.7	24.5	25.2	35.8
1956	26.4	18.8	24.6	35.5	45.3	55.0	56.1	50.9	46.8	37.0	18.9	13.6	35.7
1957	19.0	24.7	28.1	33.7	39.2	49.0	55.6	51.3	41.6	38.7	23.2	20.0	35.3
1958	15.6	26.9	26.5	31.3	44.4	51.8	54.4	56.5	47.9	35.7	26.2	22.5	36.6
1959	18.4	22.2	24.6	32.5	43.5	52.5	55.9	54.6	46.4	34.5	22.6	20.0	35.6
1960	15.4	16.6	28.2	33.4	39.8	50.4	55.4	53.1	48.5	36.3	26.8	16.3	35.0
1961	12.9	21.1	28.4	32.6	42.0	52.2	55.6	55.9	42.5	35.2	23.9	13.2	34.6
1962	10.3	25.0	22.0	33.8	40.5	47.6	53.4	53.0	46.8	36.9	28.9	17.5	34.6
1963	6.1	23.3	25.1	32.9	44.1	47.9	57.0	55.6	48.6	40.9	28.1	15.3	35.4
1964	11.5	13.5	20.8	32.3	41.0	47.3	57.7	52.7	45.5	36.7	25.1	20.3	33.7
1965	22.1	18.9	23.5	34.4	39.4	46.5	55.3	52.2	43.7	35.1	29.2	22.9	35.3
1966	13.1	16.3	25.6	31.6	42.7	49.6	57.8	53.9	46.3	33.7	29.1	18.0	34.8
1967	16.0	21.1	31.4	32.3	39.2	47.1	56.9	54.5	47.1	36.3	26.4	13.5	35.2
1968	10.5	23.7	26.0	29.9	40.5	49.6	55.7	50.2	43.1	36.5	25.5	14.7	33.8
1969	21.5	20.2	22.0	34.6	45.7	46.9	57.4	57.1	47.7	32.2	23.2	20.3	35.7
1970	17.9	23.8	24.7	28.5	42.7	49.4	55.8	56.3	43.5	31.6	27.8	16.9	35.1

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	28.0	32.3	37.8	47.6	56.7	62.6	72.5	68.8	61.7	49.4	33.1	26.2	48.1
1952	27.9	28.4	33.5	48.4	56.9	66.7	70.6	69.1	62.6	53.2	33.3	26.5	48.1
1953	32.5	31.4	40.0	45.5	51.4	66.7	72.7	67.5	63.7	51.0	40.2	25.9	49.0
1954	32.8	37.9	37.1	52.9	60.1	65.3	73.3	68.9	62.7	52.5	42.0	28.5	51.2
1955	26.5	24.4	38.0	46.1	56.3	64.1	72.6	72.0	65.5	53.9	36.6	35.1	49.3
1956	36.6	29.8	39.9	48.8	60.9	71.1	72.6	68.4	65.6	53.0	32.3	26.3	50.4
1957	28.8	36.4	41.4	47.0	52.7	65.0	70.8	67.5	59.6	51.0	33.6	31.5	48.8
1958	27.9	37.7	37.7	45.8	60.9	68.2	71.0	72.7	63.0	51.9	38.9	35.0	50.9
1959	30.0	33.4	38.9	48.4	58.2	69.4	72.8	69.6	60.7	49.0	37.0	30.8	49.9
1960	25.5	27.0	41.5	49.0	56.2	67.4	72.2	70.4	64.2	50.3	39.9	27.4	49.3
1961	26.9	33.7	39.9	46.6	57.9	69.1	71.9	70.7	56.2	49.6	35.7	23.7	48.5
1962	22.6	35.0	35.2	50.2	55.6	64.4	69.3	69.4	62.5	52.2	41.8	30.1	49.0
1963	18.0	36.0	38.3	47.4	60.5	64.2	72.8	69.2	64.8	56.3	41.1	28.0	49.7
1964	24.2	26.8	33.5	45.1	55.9	62.9	72.6	66.6	60.5	54.0	36.2	29.7	47.3
1965	32.0	31.5	35.5	46.8	53.7	61.6	69.4	67.0	56.8	51.8	41.7	33.2	48.4
1966	25.6	28.4	41.7	47.4	55.2	65.2	72.9	69.7	63.0	50.1	42.0	28.5	49.5
1967	27.5	33.8	44.8	47.3	55.3	62.7	72.1	69.9	62.7	52.4	39.4	22.9	49.2
1968	22.2	34.1	39.5	42.8	54.7	67.3	71.2	65.0	59.8	51.6	35.6	26.7	47.5
1969	21.1	31.1	35.4	50.7	61.5	62.4	73.0	72.8	63.0	43.5	36.0	31.1	49.3
1970	28.7	37.6	35.7	41.3	58.7	64.8	71.8	72.0	58.4	44.4	38.7	30.2	48.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR'S	TEMPERATURE (F)											PRECIPITATION (INCHES)													
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	EXTREMES						MEAN NO OF DAYS					SIGN. SLEET				MEAN NO OF DAYS						
				RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	36.0	1.0	18.5	55.	1970	23	-37.	1963	13	0.0	10.0	31.0	15.1	.26	.64	1960	14	3.7	14.	1968	19	.5	.1	0.0	
FEB	41.0	7.2	24.1	63.	1957	14	-26.	1951	1	0.0	5.9	29.2	8.1	.26	.39	1966	13	3.7	12.	1968	12	1.1	0.0	0.0	
MAR	48.8	15.6	32.2	74.	1966	31	-16.	1967	6	0.0	1.5	30.0	1.3	.36	.57	1959	25	4.3	5.	1968	11	1.5	.1	0.0	
APR	59.1	24.4	41.8	77.	1954	24	-4.	1959	10	0.0	0.0	26.9	.1	.57	.72	1955	6	3.3	6.	1957	2	1.6	.1	0.0	
MAY	69.1	33.7	51.4	87.	1956	31	12.	1953	2	0.0	0.0	12.5	0.0	.71	.74	1959	23	.8	4.	1953	12	2.1	.3	0.0	
JUN	78.1	40.7	59.4	95.	1954	21	26.	1954	7	.8	0.0	1.6	0.0	.52	.86	1969	26	0.0	0.	0	0	1.8	.3	0.0	
JUL	82.0	46.4	64.2	94.	1957	3	33.	1955	1	1.3	0.0	0.0	0.0	1.09	1.03	1953	28	0.0	0.	0	0	3.2	.4	.1	
AUG	79.6	44.3	61.9	90.	1954	2	30.	1964	28	.1	0.0	.3	0.0	1.32	1.01	1965	14	0.0	0.	0	0	3.8	.5	.1	
SEP	74.3	36.3	55.3	89.	1954	2	19.	1959	25	0.0	0.0	7.2	0.0	.70	1.24	1959	30	.6	5.	1959	30	3.0	.1	.1	
OCT	64.3	26.1	45.2	79.	1954	4	-4.	1970	28	0.0	0.0	26.3	0.0	.77	.87	1961	29	3.0	11.	1969	12	2.2	.5	0.0	
NOV	48.2	13.6	30.9	66.	1952	1	-21.	1952	26	0.0	1.9	29.8	2.1	.38	.63	1957	16	3.8	8.	1961	14	.9	.1	0.0	
DEC	37.9	3.8	20.9	61.	1966	6	-26.	1964	14	0.0	9.0	31.0	10.4	.37	.51	1951	30	4.9	18.	1967	17	1.3	0.0	0.0	
ANNUAL	59.9	24.4	42.2							2.	29.	226.	37.	7.3				28.				23.	3.	0.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.08	0.00	0.00	.29	.33	.06	0.00	0.00	0.00	3.88
.10	0.00	0.00	.07	.13	.14	0.00	.39	.45	.10	0.00	0.04	0.00	4.47
.20	.04	.10	.14	.21	.27	.06	.55	.65	.20	.12	.10	.06	5.27
.30	.08	.15	.19	.29	.37	.15	.69	.82	.29	.24	.15	.12	6.90
.40	.12	.19	.24	.37	.48	.25	.83	.96	.40	.38	.21	.17	8.47
.50	.16	.23	.30	.46	.60	.36	.97	1.16	.52	.53	.28	.26	10.05
.60	.24	.32	.37	.57	.72	.49	1.13	1.36	.67	.72	.36	.34	11.65
.70	.32	.41	.45	.69	.88	.66	1.32	1.60	.85	.95	.46	.45	13.34
.80	.44	.51	.55	.86	1.08	.88	1.57	1.91	1.11	1.27	.60	.60	15.19
.90	.64	.72	.72	1.14	1.41	1.26	1.93	2.19	1.54	1.82	.83	.86	17.46
.95	.83	.92	.87	1.40	1.73	1.63	2.32	2.85	1.96	2.36	1.06	1.11	20.59
ALPHA	1.04	2.60	2.05	1.74	2.04	1.23	2.91	2.73	1.23	1.13	1.32	1.17	9.47
BETA	.28	.11	.18	.33	.36	.50	.38	.48	.37	.75	.30	.35	.77
Q	.10	.10	.05	0.00	.05	.15	0.00	0.00	0.00	.10	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.14	.34	.17	.42	.24	.03	.38	1.13	.14	.27	.26	.80	4.32
1952	1.22	.11	.40	1.84	.67	.23	.82	.93	.78	T	.72	.12	7.84
1953	T	.14	.51	.87	1.67	.78	2.53	.68	.03	.63	.80	.36	9.05
1954	.34	T	.11	.77	.57	T	1.16	.46	1.03	.24	.14	.30	5.12
1955	.62	.12	.02	.90	1.08	T	.60	1.26	.57	T	.17	.24	4.98
1956	.69	.21	.19	.51	.54	.17	.35	.38	.03	.49	.15	.03	3.74
1957	.38	.24	.46	1.18	2.53	.29	2.15	1.46	.14	.66	1.45	T	10.94
1958	.30	.15	.47	.30	.44	.38	.96	2.04	.35	.84	.40	.55	7.18
1959	.22	.11	.67	1.06	1.66	.34	.23	2.36	1.41	2.50	.06	.19	10.81
1960	.74	.45	.07	.11	.28	.33	.55	.58	.32	1.99	.12	.45	5.99
1961	T	.31	.72	.53	.20	.27	1.61	2.01	1.42	2.16	.62	.16	10.01
1962	.03	.24	.44	.06	T	.91	1.06	.19	1.03	.48	.84	.08	5.36
1963	.48	.55	.25	.22	.71	.73	.73	2.06	.28	.44	.23	T	6.68
1964	.14	.75	.64	.41	.50	.10	1.36	1.03	.86	.02	.63	.52	6.96
1965	.12	.48	.49	.70	.36	1.64	1.95	1.98	1.45	.85	.06	.95	11.03
1966	.14	.56	T	.46	.34	.29	.53	1.45	.16	.41	.25	.19	4.78
1967	.06	.18	.19	.20	.86	.49	1.43	1.82	.78	.19	.05	1.65	7.90
1968	.06	.25	.39	.46	.57	.00	1.24	2.57	.61	.10	.43	.23	6.91
1969	.05	.07	.36	.16	.73	2.65	1.54	1.52	1.27	2.12	.13	.46	11.06
1970	.13	T	.60	.16	.16	.80	.65	.51	1.37	.96	T	.02	5.36

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							2.0	4.1	1.0	3.0	.0	.0	
51-52	.0	.0	T	.0	2.5	2.7	16.6	1.2	4.3	2.9	1.0	.5	31.7
52-53	.0	T	.0	.0	8.0	1.5	T	1.6	4.5	4.5	4.5	.0	24.6
53-54	T	.0	.0	T	6.0	5.0	4.5	T	T	1.0	2.0	.0	18.5
54-55	.0	.0	.0	.5	1.0	5.0	T	T	T	10.5	4.0	.0	
55-56	.0	.0	.0	.0	1.3	5.0	8.0	3.0	3.0	5.2	T	.0	25.5
56-57	.0	.0	.0	.0	2.5	.5	4.5	1.0	5.0	10.5	1.0	.0	25.0
57-58	.0	.0	.0	T	15.0	T	6.0	T	3.5	1.0	.0	.0	25.5
58-59	.0	.0	.0	T	5.0	6.5	3.0	1.5	7.5	10.5	.0	.0	34.0
59-60	.0	.0	8.0	23.0	.5	2.0	8.5	4.8	.5	1.5	T	.0	48.8
60-61	.0	.0	.0	6.5	T	8.5	T	4.5	7.0	4.0	1.5	.0	32.0
61-62	.0	.0	4.0	13.5	9.5	2.5	.4	2.0	6.0	T	.0	.0	37.9
62-63	.0	.0	.0	.0	9.0	.5	9.0	7.5	3.0	T	.0	.0	29.0
63-64	.0	.0	.0	T	3.5	T	3.1	12.5	10.0	1.0	T	.0	30.1
64-65	.0	.0	.0	.0	8.5	5.0	2.0	8.5	7.0	T	T	.0	31.0
65-66	.0	.0	.0	T	T	9.5	3.0	9.0	T	3.9	T	.0	25.4
66-67	.0	.0	.0	1.5	2.0	1.0	.6	3.0	3.5	3.0	1.0	.0	15.6
67-68	.0	.0	.0	.5	.5	31.2	1.0	4.5	5.5	2.5	.0	.0	45.7
68-69	.0	.0	.0	.0	1.5	5.5	.5	1.0	4.0	.0	.0	.0	12.5
69-70	.0	.0	.0	14.5	.5	6.5	2.0	.0	10.0	1.0	.7	.0	35.2

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	37.6	38.0	46.9	56.7	70.9M	77.6	86.3	79.2M	76.1	64.2	44.8	35.7	59.5*
1952	33.7	36.3	42.3M	60.9	69.5	82.3	83.0	81.2M	77.0	69.3	42.1	31.1	59.1*
1953	43.1	42.3	53.0	58.3	64.3	81.0	82.5	80.2	78.6	64.8	48.2	32.5	60.7
1954	38.1	50.4	50.7	68.0	72.8	83.3	86.7	83.1	77.2	68.0	54.8	39.8	64.4
1955	35.9	39.8	52.3	57.5	68.2	78.2	84.8	82.8	77.9	66.9	49.2	42.7	61.4
1956	41.9	37.6	54.3	58.2	73.5	83.2	85.7	80.5	81.0	66.2	44.7	42.4	62.4
1957	37.2	50.2	50.3	59.0	62.0	78.6	79.9	78.8	74.4	60.5	39.6	39.9	58.9
1958	38.5	46.0	46.2	56.7	74.2	81.4	82.1	81.6	74.7	65.0	49.0	47.1	61.9
1959	37.1	42.2	48.9	58.8	67.2	81.8	82.6	78.3	72.7	61.1	48.0	43.2	60.2
1960	29.9	31.1	49.9	62.2	68.2	79.1	80.6	80.7	74.4	61.2	51.2	32.3	58.4
1961	33.7	45.0	50.4	59.1	69.0	78.5	79.4	78.2	69.3	63.9	40.1	31.8	58.2
1962	35.1	45.6	45.8	63.8	69.6	75.9	77.7	79.6	72.4	66.3	51.5	44.9	60.7
1963	32.9	42.3	49.2	59.5M	71.8	77.1	83.2	77.9	76.3	68.7	51.3	41.2	61.0*
1964	35.9	31.9	41.1	56.5	69.5	76.0	84.4	78.9	72.5	67.7	44.4	28.0	57.2
1965	33.3	36.3	43.2	58.6	65.0	73.3	79.4M	76.8	68.5	66.6	52.6	40.3	57.8*
1966	31.0	32.3	51.3	61.5	71.5	75.6	82.2	78.8	75.9	64.1	53.8	40.9	59.9
1967	39.7	44.9	56.4	59.4	67.2	73.7	79.8	77.2	71.8	67.3	53.1	29.2	60.0
1968	25.0	35.7	48.6	55.2	66.5	78.0	78.4	75.3	72.0	65.7	47.0	38.3	57.1
1969	42.4	43.5	47.6	62.4	71.5	72.1	81.0	82.1	73.1	54.1	50.3	37.0	59.8
1970	37.5	49.3	48.1	54.7	70.6	75.4	80.3	80.5	70.0M	53.9	48.9	40.1	59.1*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.0	7.8	16.1	25.3	33.7M	38.9	49.0	47.2M	37.5	25.1	8.8	5.1	25.0*
1952	- 1.8	1.8	12.4M	27.3	35.0	43.0	45.2	43.9M	35.7	22.9	9.0	- 2.5	22.7*
1953	8.8	6.0	17.6	23.2	30.5	40.3	47.2	41.0	34.3	27.0	14.9	1.5	24.4
1954	4.5	16.7	16.4	28.1	36.4	43.8	44.1	37.6	37.8	29.2	14.9	1.8	25.9
1955	1.1	.9	13.6	21.3	31.5	37.8	43.4	47.4	35.2	25.4	15.1	7.4	23.3
1956	6.2	3.6	15.5	22.8	35.5	43.3	43.9	40.7	35.6	26.1	9.7	3.6	23.9
1957	5.8	16.0	18.3	22.2	31.7	40.5	48.0	45.7	32.1	27.7	9.1	4.5	25.1
1958	- 2.1	13.5	14.5	21.9	34.6	41.4	42.9	44.5	36.3	25.2	12.4	7.6	24.4
1959	- 1.5	7.1	13.4	22.7	30.9	40.6	40.7	43.1	31.3	22.6	12.9	9.9	22.8
1960	- 4.2	.7	18.9	26.2	32.1	42.1	45.0	42.1	37.6	26.6	14.7	.9	23.4
1961	- 4.4	10.6	18.8	25.8	34.6	42.4	45.0	47.0	35.0	24.7	10.4	- .5	24.1
1962	.6	15.4	12.8	27.8	32.5	38.9	45.6	41.2	37.3	27.9	18.0	10.8	25.7
1963	- 3.9	9.5	17.3	25.5M	35.6	39.2	48.0	47.6	40.0	31.3	15.0	4.0	25.8*
1964	- 1.2	- 3.1	9.5	23.2	34.4	40.4	49.2	44.9	39.2	25.6	11.7	- 3.1	22.6
1965	4.5	6.1	14.6	25.8	33.2	39.1	48.1M	43.5	36.9	27.3	19.9	8.1	25.6*
1966	- 2.4	- 3.0	18.4	24.4	34.4	40.1	49.2	44.1	37.6	25.5	16.3	5.6	24.0
1967	2.2	9.6	18.3	23.0	33.1	40.1	49.5	44.5	38.6	26.5	14.0	- 1.3	24.8
1968	-10.3	5.2	16.6	22.6	33.4	42.4	47.2	44.5	34.0	27.4	15.0	2.5	23.4
1969	8.9	7.9	14.7	27.5	36.2	40.1	49.3	47.9	39.0	25.7	14.7	5.2	26.4
1970	2.7	13.4	16.5	20.8	34.4	39.5	47.6	46.7	34.9M	22.0	15.0	4.1	24.8*

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	21.8	22.9	31.5	41.0	52.3M	58.3	67.7	63.2M	56.8	44.7	26.8	20.4	42.3*
1952	16.0	19.1	27.4M	44.1	52.3	62.7	64.1	62.6M	56.4	46.1	25.6	14.3	40.9*
1953	26.0	24.2	35.3	40.8	47.4	60.7	64.9	60.6	56.5	45.9	31.6	17.0	42.6
1954	21.3	33.6	33.6	48.1	54.6	63.6	65.4	60.4	57.5	48.6	34.9	20.8	45.2
1955	18.5	20.4	33.0	39.4	49.9	58.0	64.1	65.1	56.6	46.2	32.2	25.1	42.4
1956	24.1	20.6	34.9	40.5	54.5	63.3	64.8	60.6	58.3	46.2	27.2	23.0	43.2
1957	21.5	33.1	34.3	38.6	46.9	59.6	64.0	62.3	53.3	44.1	24.4	22.2	42.0
1958	18.2	29.8	30.4	39.3	54.4	61.4	62.5	63.1	55.5	45.1	30.7	27.4	43.2
1959	17.8	24.7	31.2	40.8	49.1	61.2	61.7	60.7	52.0	41.9	30.5	26.6	41.5
1960	12.9	15.2	34.4	44.2	50.2	60.6	62.8	61.4	56.0	43.9	33.0	16.6	40.9
1961	14.7	27.8	34.6	42.5	51.8	60.5	62.2	62.6	52.2	44.3	25.3	15.7	41.2
1962	17.9	30.5	29.3	45.8	51.1	57.4	61.7	60.4	54.9	47.1	34.8	27.9	43.2
1963	14.5	25.9	33.3	42.5M	53.7	58.2	65.6	62.8	58.2	50.0	33.2	22.6	43.4*
1964	17.4	14.4	25.3	39.9	52.0	58.2	66.8	61.9	55.9	46.7	28.1	12.5	39.9
1965	18.9	21.2	28.9	42.2	49.1	56.2	63.8M	60.2	52.7	47.0	36.3	24.2	41.7*
1966	14.3	14.7	33.9	43.0	53.0	57.9	65.7	61.5	56.8	44.8	35.1	23.3	42.0
1967	21.0	27.3	37.4	41.2	50.2	56.9	64.7	60.9	55.2	46.9	33.6	14.0	42.4
1968	7.4	20.5	32.6	38.9	50.0	60.2	62.8	59.9	53.0	46.6	31.0	20.4	40.3
1969	25.7	25.7	31.2	45.0	53.9	56.1	65.2	65.0	56.1	35.9	32.5	21.1	43.1
1970	20.1	31.4	32.3	37.8	52.5	57.5	64.0	63.6	52.5M	38.0	32.0	22.1	42.0*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CHEESMAN

05 1528 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR		RECORD LOWEST	YEAR		90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
					YEAR	DAY		YEAR	DAY															
JAN	46.3	10.5	28.4	70.	1954 31	-41.	1962 13	0.0	2.5	30.0	6.2	.42	.38	1962	5	5.5	14.	1962	10	1.6	0.0	0.0		
FEB	47.9	12.0	30.0	75.	1954 8	-40.	1951 1	0.0	2.3	27.4	4.8	.67	.50	1960	14	8.9	15.	1960	27	2.4	.1	0.0		
MAR	50.6	16.8	33.7	72.	1956 24	-18.	1965 3	0.0	1.8	29.6	3.1	1.11	.81	1959	20	14.2	16.	1960	3	3.5	.2	0.0		
APR	59.4	26.6	43.0	82.	1959 33	-3.	1959 12	0.0	.3	24.0	.2	1.46	2.53	1967	13	10.6	20.	1967	13	3.6	.5	.1		
MAY	69.2	35.2	52.2	87.	1951 28	14.	1954 2	0.0	0.0	10.7	0.0	2.04	2.00	1955	18	1.0	8.	1966	12	4.4	1.2	.3		
JUN	79.1	42.9	61.1	99.	1954 23	28.	1951 2	2.4	0.0	.6	0.0	1.36	1.25	1970	11	.2	0.	0	0	4.2	.4	.2		
JUL	85.0	48.5	66.8	98.	1954 11	36.	1968 1	6.5	0.0	0.0	0.0	2.62	1.35	1957	18	0.0	0.	0	0	7.0	1.1	.3		
AUG	82.5	47.1	64.8	95.	1954 3	32.	1964 21	2.1	0.0	0.0	0.0	2.54	2.65	1969	23	.1	0.	0	0	6.9	1.1	.4		
SEP	77.2	39.2	58.2	94.	1960 4	16.	1965 21	.6	0.0	3.9	0.0	1.26	1.61	1959	29	2.2	20.	1959	29	3.1	1.1	.3		
OCT	67.2	29.5	48.3	86.	1962 13	4.	1969 13	0.0	.1	21.6	0.0	1.09	2.00	1969	4	3.0	21.	1959	2	2.6	.7	.2		
NOV	54.3	21.2	37.3	74.	1954 6	-14.	1952 27	0.0	1.1	28.2	.9	.72	1.12	1970	13	8.2	11.	1961	13	2.3	.1	.1		
DEC	47.6	14.5	31.1	70.	1955 22	-17.	1954 28	0.0	2.2	29.8	3.1	.50	.62	1969	27	7.2	8.	1969	31	1.8	.1	0.0		
ANNUAL	63.8	28.6	46.2						12.	10.	206.	18.	15.8			61.				44.	6.	2.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.05	.15	.39	0.00	.42	0.00	1.19	.58	0.00	0.00	.27	.11	10.63
.10	.08	.21	.49	.55	.60	.35	1.42	.82	0.00	.07	.33	.15	11.61
.20	.14	.31	.64	.82	.90	.60	1.74	1.19	.36	.21	.43	.23	13.87
.30	.20	.39	.77	1.01	1.17	.80	2.06	1.52	.58	.36	.51	.29	13.84
.40	.26	.48	.89	1.19	1.45	.99	2.24	1.86	.79	.54	.59	.36	14.70
.50	.33	.58	1.02	1.37	1.75	1.20	2.50	2.11	1.02	.75	.67	.43	15.54
.60	.41	.68	1.16	1.57	2.08	1.44	2.75	2.40	1.11	1.00	.76	.51	16.40
.70	.51	.81	1.32	1.79	2.49	1.55	3.04	2.68	1.11	1.33	.86	.61	17.37
.80	.55	.97	1.50	2.08	3.03	1.64	3.36	3.08	1.11	1.59	.98	.74	18.55
.90	.68	1.24	1.83	2.52	3.87	1.85	3.69	3.50	1.11	1.93	1.19	.94	20.76
.95	1.10	1.49	2.12	3.92	4.68	2.09	4.00	3.62	1.11	2.34	1.36	1.14	21.76
ALPHA	1.47	2.42	4.15	4.20	2.24	2.59	6.50	2.50	1.79	1.04	4.49	2.33	21.52
BETA	.29	.27	.27	.37	.91	.55	.40	1.01	.78	1.11	.16	.22	.73
Q	0.00	0.00	0.00	.05	0.00	.05	0.00	0.00	.10	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHARP PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.81	.70	1.34	1.16	1.53	1.89	2.43	2.78	.56	.81	.58	.75	15.34
1952	.62	.73	.93	2.87	2.91	T	1.67	2.81	.05	T	.87	.40	12.86
1953	.38	.68	.92	2.44	2.05	1.16	3.38	2.13	T	.39	.38	.72	14.57
1954	.25	.64	.80	.41	1.95	.36	3.90	1.77	1.68	.19	.76	.45	13.16
1955	.27	.79	1.34	.65	3.94	.71	2.24	5.78	1.17	.17	.35	.25	17.66
1956	.36	.46	1.03	1.66	1.89	.37	1.86	1.91	.00	.28	.91	.60	11.33
1957	.56	.57	.84	3.03	5.02	1.31	3.38	1.56	1.00	1.69	1.28	.27	21.43
1958	.48	.11	1.59	1.30	2.93	.64	2.03	1.46	1.39	.45	.41	.43	13.22
1959	.74	.50	1.74	1.64	2.07	.80	1.01	1.89	2.17	2.24	.55	.27	15.62
1960	.53	1.90	.90	1.47	2.09	.29	1.86	.31	1.24	1.92	.50	.93	13.94
1961	.66	.92	.95	1.62	1.43	1.90	2.52	4.28	3.67	.62	1.03	.32	19.32
1962	1.40	.57	.38	1.58	.53	1.15	2.31	.43	.31	.37	.72	.25	10.00
1963	.36	.23	.94	T	.18	1.91	1.85	6.43	2.42	.78	.51	.68	16.29
1964	.17	1.22	1.61	.68	1.38	1.90	1.00	1.86	.61	.06	1.23	.33	12.05
1965	.30	.99	1.12	1.46	1.02	2.89	4.71	1.64	2.53	.25	.21	.47	17.59
1966	.59	.69	.56	1.47	1.00	2.50	3.68	1.66	1.06	.77	.46	.10	14.54
1967	.36	.45	.23	2.72	2.64	1.42	4.07	2.91	.95	1.51	.55	1.00	18.81
1968	.15	.95	.73	1.42	.60	.74	3.18	1.61	1.41	2.34	.95	.64	14.72
1969	.13	.07	1.53	.77	4.56	2.71	2.24	3.90	.58	6.09	.58	1.14	24.30
1970	.09	.54	2.65	.93	1.13	2.03	3.04	3.60	2.32	.86	1.61	.04	18.84

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.3	7.5	19.6	13.5	.0	4.0	
51-52	.0	.0	2.5	5.0	6.2	9.5	T	6.5	12.8	10.4	1.0	.0	53.9
52-53	T	.0	.0	T	13.8	5.5	7.5	8.0	11.0	15.5	2.0	T	63.3
53-54	T	T	.0	2.5	4.5	9.5	5.5	8.0	9.0	4.5	3.0	.0	46.5
54-55	.5	1.0	1.0	1.0	4.0	4.0	3.5	16.0	13.5	7.0	.0	.0	51.5
55-56	.0	.0	.0	1.0	6.0	3.5	5.8	7.5	11.5	7.5	1.0	.0	43.8
56-57	.0	.0	.0	.5	14.0	12.0	12.7	2.5	11.5	34.1	T	.0	87.3
57-58	.0	.0	T	T	13.5	9.0	9.0	1.5	16.5	7.0	.0	.0	
58-59	.0	.0	.0	1.0	6.0	5.5	10.0	6.0	20.4	21.0	2.0	.0	71.9
59-60	.0	.0	24.0	21.0	6.5	4.5	5.5	26.5	12.5	8.0	4.0	.0	112.5
60-61	.0	.0	.0	6.5	6.0	12.0	1.0	17.7	13.0	16.0	4.0	.0	76.2
61-62	.0	.0	12.0	4.0								T	
62-63	.0	.0	.0	.0	8.0	5.0				.0	.0	.0	
63-64	.0	.0	.0								.0	.0	
64-65	.0	.0	T	T							.0	.0	
65-66	.0	.0		.0								.0	
66-67	.0	.0	.0									.0	
67-68	.0	.0	.0			15.0	2.0		12.0		.0	.0	
68-69	.0	.0	.0				2.0	1.0	21.0		.0	.0	
69-70	.0	.0	.0				1.0	7.0		4.0	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.4	50.1	50.4	56.4	69.9	74.2	88.2	83.7	80.4	65.1	52.3	44.3	63.0
1952	46.3	47.2	47.8	60.5	68.9	85.6	84.9	81.6	80.5	71.9	46.9	46.2	64.0
1953	51.6	47.6	56.0	56.0	64.5	82.8	85.5	82.9	81.5	68.2	58.2	45.1	65.0
1954	50.9	59.0	49.9	68.6	70.0	85.2	87.1	85.1	80.8	67.8	59.4	50.5	67.9
1955	43.6	42.0	51.5	62.1	69.9	77.0	88.2	83.5	79.1	70.5	53.0	51.0	64.3
1956	50.2	43.0	54.4	58.7	73.6	85.3	84.9	81.0	82.7	70.2	51.5	49.5	65.4
1957	43.1	53.2	52.3	54.8	63.3	78.0	83.5	82.1	75.3	63.1	47.6	50.8	62.3
1958	46.8	50.5	44.3	54.0	70.9	81.0	82.7	84.7	78.7	69.0	57.3	51.6	64.3
1959	46.7	44.7	51.2	59.0	67.4	81.8	84.9	84.4	74.7	62.3	55.8	49.5	63.5
1960	44.1	38.7	53.1	61.5	68.1	80.9	82.6	85.8	78.4	64.4	56.9	45.7	63.4
1961	48.4	48.8	50.6	57.0	70.1	79.1	83.6	82.0	69.7	66.0	50.2	42.2	62.3
1962	42.2	48.8	48.0	62.3	70.6	75.9	83.6	85.5	77.9	71.5	57.9	51.0	64.6
1963	41.4	52.8	51.5	63.0	73.4	81.0	88.3	80.0	79.9	73.5	58.4	47.2	65.9
1964	44.1	40.9	46.6	59.9	70.2	77.4	88.2	81.6M	77.0	69.4	52.2	45.7	62.8*
1965	47.9	47.3	43.7	60.1	67.9	75.6	83.4	79.1	67.4	70.2	58.7	49.6	62.6
1966	42.8	42.4	56.3	59.0	72.0	78.4	87.7	81.5	78.1	68.3	58.3	48.6	64.5
1967	49.9	48.7M	59.5	62.3	66.7	74.9	83.2	79.0	75.8	69.6	56.0	40.9	63.9*
1968	48.8M	50.1	53.1	55.7M	66.3	82.6	82.4	79.0	76.9M	68.3	50.1	46.4	63.3*
1969	49.9	49.4	45.9	62.9	70.5	70.2	83.1	84.3	76.2	54.4	53.2	46.6	62.2
1970	45.2	52.5	45.1	53.7	70.1	75.6	83.1	83.4	73.2	59.7	52.6	49.0	61.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.6	14.9	19.8	27.0	36.6	41.3	50.4	48.5	39.0	28.6	18.8	16.4	29.2
1952	17.0	13.6	15.7	28.3	35.7	46.7	49.5	48.3	46.4	28.8	14.6	11.4	29.2
1953	18.2	12.6	23.2	24.6	33.3	45.2	51.4	47.4	40.8	30.1	23.5	12.9	30.3
1954	16.8	20.8	18.1	31.7	36.4	45.5	51.6	47.2	41.1	31.9	21.8	13.2	31.3
1955	8.3	5.4	18.1	27.9	36.8	42.4	48.9	48.6	38.6	26.9	19.1	21.1	28.5
1956	14.5	7.8	18.1	25.5	37.9	44.5	44.5	41.8	34.9	29.2	14.6	12.2	27.1
1957	11.0	20.6	20.8	23.6	34.3	42.0	50.2	49.4	36.7	33.7	18.5	19.0	30.0
1958	7.9	16.9	12.5	24.4	37.5	45.3	47.8	47.4	41.9	31.3	21.4	18.5	29.4
1959	10.3	13.6	16.0	24.9	36.0	43.8	45.5	48.2	38.5	28.3	18.4	14.9	28.2
1960	6.8	1.7	16.5	27.5	32.8	43.0	47.6	47.5	42.5	29.6	21.9	11.3	27.4
1961	3.2	11.2	21.5	25.5	36.7	42.7	46.9	48.2	36.1	28.0	17.9	9.9	27.3
1962	2.4	11.7	13.1	27.4	33.9	41.4	47.1	45.5	40.1	30.9	22.5	13.5	27.1
1963	2.5	15.1	15.7	28.0	35.7	41.5	48.1	47.4	41.6	32.8	21.5	9.7	28.3
1964	7.5	2.5	12.6	24.9	34.1	40.0	47.4	44.3M	38.0	26.8	20.4	17.3	26.3*
1965	16.1	8.8	7.7	28.5	32.5	41.2	47.0	43.5	35.8	27.5	23.1	17.2	27.4
1966	9.5	5.0	19.2	25.9	35.7	43.0	51.7	47.3	41.3	29.7	24.3	12.8	28.8
1967	14.2	13.7M	25.6	29.5	33.9	42.4	49.6	44.8	39.5	31.1	20.4	10.2	29.6*
1968	9.1M	11.7	16.5	22.6	32.6	42.5	46.3	46.1	36.0M	32.1	18.9	15.3	27.5*
1969	18.9	15.7	9.2	30.1	36.4	42.4	50.2	50.1	42.9	26.0	18.5	15.6	29.7
1970	10.7	17.0	16.2	24.6	34.3	42.1	48.4	49.7	38.6	26.2	23.3	17.0	29.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.5	32.5	35.1	41.7	53.3	57.8	69.3	66.1	59.7	46.9	35.6	30.4	46.2
1952	31.7	30.4	31.8	44.4	52.3	66.2	67.2	65.0	60.5	50.4	30.8	28.8	46.6
1953	34.9	30.1	39.6	40.3	42.9	64.0	68.5	65.2	61.2	49.2	40.9	29.0	47.7
1954	33.9	39.9	34.0	50.2	53.2	65.4	69.4	66.2	61.0	49.9	40.6	31.9	49.6
1955	26.0	23.7	34.8	45.0	53.4	59.7	68.6	66.1	58.9	48.7	36.1	36.1	46.4
1956	32.4	25.4	36.3	42.1	55.8	64.9	64.7	61.4	58.8	49.7	33.1	30.9	46.3
1957	27.1	36.9	36.6	39.2	48.8	60.0	66.9	65.8	56.0	48.4	33.1	34.9	46.1
1958	27.4	33.7	28.4	39.2	54.2	63.2	65.3	66.1	60.3	50.2	39.4	35.1	46.9
1959	28.5	29.2	33.6	42.0	51.7	62.8	65.2	66.3	56.6	45.3	37.1	32.2	45.9
1960	25.5	20.2	34.8	44.5	50.5	62.0	65.1	66.7	60.5	47.0	39.4	28.5	45.4
1961	25.8	30.0	36.1	41.3	53.4	60.9	65.3	65.1	52.9	47.0	34.1	26.1	44.8
1962	19.9	30.3	30.6	44.9	52.3	58.7	65.4	65.5	59.0	51.2	40.2	32.3	45.9
1963	22.0	34.0	33.6	45.5	54.6	61.3	68.2	63.7	60.8	53.2	40.0	28.5	47.1
1964	25.8	21.7	29.6	42.4	52.2	58.7	67.8	63.0M	57.5	48.1	36.3	31.5	44.6*
1965	32.0	28.1	25.7	44.3	50.2	58.4	65.2	61.3	51.6	48.9	40.9	33.4	45.0
1966	26.2	23.7	37.8	42.5	53.9	60.7	69.7	64.4	59.7	49.0	41.3	30.7	46.6
1967	32.1	31.2M	42.6	45.9	50.3	58.7	66.4	61.9	57.7	50.4	38.2	25.6	46.8*
1968	29.0M	30.9	34.8	39.2M	49.5	62.6	64.4	62.6	56.5M	50.2	34.5	30.9	45.4*
1969	34.4	32.6	27.6	46.5	53.5	56.3	66.7	67.2	59.6	40.2	35.9	31.2	46.0
1970	28.0	34.8	30.7	39.2	52.2	58.9	65.8	66.6	55.9	43.0	38.0	33.0	45.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CHERRY CREEK DAM

05 1547 4

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	45.7	15.2	30.5	70.	1953	12	-32.	1963	12	0.0	4.3	29.8	3.4	.42	.75	1962	8	6.2	12.	1965	31	1.5	.1	0.0
FEB	48.5	17.9	33.2	75.	1963	5	-20.	1962	20	0.0	2.7	26.7	2.4	.62	.75	1962	17	7.7	8.	1966	13	2.1	.1	0.0
MAR	52.4	21.7	37.1	82.	1963	28	-14.	1960	3	0.0	2.4	27.2	1.3	.95	1.00	1959	25	12.0	12.	1953	21	3.2	.4	.1
APR	62.7	31.1	46.9	85.	1962	19	0.	1959	12	0.0	.2	17.4	.1	1.44	2.00	1957	2	8.1	14.	1957	2	3.6	.8	.1
MAY	72.7	40.8	56.8	94.	1964	21	20.	1970	1	.6	0.0	2.6	0.0	2.63	2.57	1969	7	1.8	8.	1957	16	4.9	1.5	.8
JUN.	82.4	49.1	65.8	102.	1954	23	30.	1965	8	6.6	0.0	.1	0.0	2.21	3.25	1965	16	0.0	1.	1955	14	4.5	1.3	.5
JUL	88.7	55.2	72.0	102.	1963	18	41.	1952	7	15.9	0.0	0.0	0.0	2.07	1.61	1965	23	0.0	0.	0	0	4.4	1.2	.5
AUG	86.7	53.4	70.1	101.	1967	24	36.	1956	31	10.8	0.0	0.0	0.0	1.68	3.28	1963	17	0.0	0.	0	0	3.4	.9	.2
SEP	79.6	44.7	62.2	95.	1964	2	24.	1959	30	3.2	0.0	1.4	0.0	1.15	1.53	1961	3	1.6	7.	1959	30	2.6	.8	.2
OCT	68.9	34.6	51.8	90.	1962	14	-2.	1969	13	.2	.3	11.8	.1	1.20	1.82	1969	4	5.1	18.	1969	13	2.8	.7	.3
NOV	54.9	23.6	39.3	76.	1965	1	-14.	1952	28	0.0	2.0	25.7	.5	.74	1.15	1970	13	7.2	9.	1956	19	2.4	.2	.1
DEC	47.5	17.6	32.6	72.	1965	5	-16.	1961	10	0.0	3.3	29.5	1.8	.42	.55	1954	27	5.6	10.	1960	6	1.5	.1	0.0
ANNUAL	65.8	33.6	49.7							37.	15.	172.	10.	15.5				55.				37.	8.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.08	.21	.22	.40	.22	.56	.13	.06	.04	.21	.08	7.43
.10	.06	.13	.30	.34	.62	.38	.76	.24	.12	.10	.28	.12	8.77
.20	.13	.22	.44	.55	1.00	.68	1.06	.46	.26	.22	.38	.18	10.62
.30	.19	.31	.57	.70	1.33	.99	1.32	.70	.41	.38	.48	.23	12.10
.40	.26	.40	.69	.95	1.74	1.32	1.57	.95	.59	.56	.57	.29	13.48
.50	.33	.50	.83	1.18	2.16	1.70	1.84	1.25	.79	.66	.66	.35	14.85
.60	.42	.62	.98	1.44	2.44	1.94	2.14	1.60	1.07	.89	.76	.42	16.32
.70	.52	.76	1.16	1.76	2.77	2.22	2.30	1.96	1.38	1.43	.89	.51	18.00
.80	.62	.94	1.40	1.99	3.00	2.45	2.66	2.25	1.55	1.96	1.05	.62	20.10
.90	.79	1.24	1.77	2.49	3.57	2.71	3.68	2.64	1.85	2.57	1.30	.80	23.27
.95	1.11	1.58	2.13	3.06	4.50	3.94	4.35	4.71	3.43	3.79	1.53	.97	26.11
ALPHA	1.59	1.62	2.43	1.77	1.77	1.36	2.98	1.21	1.00	.87	3.10	2.11	7.27
BETA	.28	.39	.39	.82	1.49	1.62	.69	1.39	1.14	1.38	.24	.20	2.14
Q	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951											.55	.14	
1952	T	.10	.38	2.05	3.51	.16	1.11	1.49	.51	.05	.66	.14	10.16
1953	.31	.73	.67	1.27	2.79	1.65	2.84	.52	.07	.36	.34	1.00	12.55
1954	.17	.06	.17	.54	.41	.91	1.85	.57	.69	.08	.79	.55	6.79
1955	.06	.59	.72	.35	2.68	1.29	2.00	3.46	1.00	.38	.44	.10	13.09
1956	.22	.42	.52	.51	1.07	.10	1.91	1.36	.01	.37	.87	.55	7.91
1957	.22	.74	.53	4.15	6.23	1.26	1.76	2.16	.50	2.49	.43	.08	20.55
1958	.54	1.00	.89	1.97	5.29	1.92	1.73	.84	1.49	.43	.50	.46	18.06
1959	.73	.76	2.28	1.21	2.87	2.07	.92	.41	1.86	2.50	.50	.27	16.38
1960	.53	1.35	.94	2.64	2.02	.75	1.40	.09	.31	2.92	.35	1.11	14.41
1961	.06	.53	1.93	.96	3.57	.82	1.71	2.63	4.37	.58	.85	.19	18.24
1962	1.08	.90	.38	1.14	.97	2.37	.75	.40	.44	.08	.61	.21	9.33
1963	.52	.09	1.04	.84	.76	3.56	.65	6.96	1.53	.82	.57	.43	16.97
1964	.34	1.24	.62	.84	2.17	2.87	1.45	.40	.41	.15	.96	.46	11.91
1965	1.26	1.15	1.62	1.23	2.14	8.26	5.27	2.43	2.82	.54	.29	.50	27.51
1966	.43	.75	.41	.82	.48	.99	1.69	1.10	.66	1.54	.23	.14	5.24
1967	.72	.26	.54	2.44	3.55	3.89	6.49	1.00	.65E	1.27	1.14	.61D	22.56*
1968	.48	.69	.78	2.24	1.48	1.29	1.08	4.50	.78	1.34	.95	.55	16.16
1969	.22	.42	1.13	1.37	6.53	3.93	2.89	1.14	.65	5.70	.90	.64	25.52
1970	.04	.07	2.58	1.63	.54	3.85	1.83	.49	3.04	1.27	2.78D	.19	18.31*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52				T	11.5	5.1	T	3.0	18.6	6.6	T	T	
52-53			.0	T	7.5	2.0	4.5		6.7	8.0	4.0	.2	
53-54	T	.0	.0	T	4.0	13.0	2.1	.7	2.6	5.2	3.0	T	30.6
54-55	.0	.0	.0	T	4.9	8.0	1.8	7.6	10.8	4.0	T	.5	37.6
55-56	.0	.0	T	3.0	6.1	2.1	3.2	8.2	8.3	3.6	.0	.0	34.5
56-57	.0	.0	.0	2.5	13.8	8.0	4.8	3.5	6.5	22.0	11.0	.0	72.1
57-58	.0	.0	.0	2.0	2.8	1.0	7.3	9.5	11.5	10.5	.0	.0	45.6
58-59	.0	.0	.0	.0	6.8	6.7	14.2	10.6	21.9	15.3	.0	.0	75.5
59-60	.0	.0	13.0	12.0	4.1	3.5	10.3	15.3	11.2	8.0	5.0	.0	82.4
60-61	.0	.0	.0	5.2	5.0	17.1	1.5	6.8	22.2	6.8	3.0	.0	67.6
61-62	.0	.0	5.0	4.0	10.0	4.0	14.5	11.1	4.4	11.3	.0	.0	64.3
62-63	.0	.0	2.5	.0	6.8	2.5	7.0	1.6	12.1	.0	.0	.0	32.5
63-64	.0	.0	.0	T		5.0	3.5	14.7	11.1	8.8	.8	.0	
64-65	.0	.0	T	.0	5.5	6.8	17.9	18.8	21.9	.7	.3	.0	71.9
65-66	.0	.0	3.5	.0	3.5	5.3	7.6	10.3	1.5	6.0	2.6	.0	40.3
66-67	.0	.0	.0	12.0	3.0	1.4	10.0	3.2	6.2	14.5	4.2	.0	54.5
67-68	.0	.0	.0	3.5	13.5	7.0	4.0	6.4	7.7	11.0	T	.0	53.1
68-69	.0	.0	.0	1.0		6.9	3.3	5.9	13.1	.0	.0	.0	
69-70	.0	.0	.0	44.0	10.1	6.3	.7	.8	30.4	11.5	.0	.0	103.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951											53.0	42.4	
1952	48.6	50.2	48.6	62.5	70.8	89.0	88.6	87.2	82.4	71.4	47.1	44.4	65.9
1953	53.1	48.0	59.5	57.0	67.5	85.5	88.5	85.9	83.7	69.8	57.4	44.6	66.7
1954	50.7M	61.1	50.7	71.3	71.6	86.8	90.9	87.3	81.6	69.3	60.0	50.2	69.3*
1955	40.7	43.0	53.7	66.0	72.2	77.8	89.1	86.1	79.5	72.3	51.6	49.9	65.2
1956	49.3	42.2	56.3	62.1	76.0	87.4	86.6	83.5	83.3	73.2	51.6	48.2	66.6
1957	40.5	57.4	53.2	54.8	65.5	80.3	86.5	85.1	77.4	64.8	50.8	55.7	64.3
1958	48.0	52.6	42.9	56.2	72.9	80.4	82.4	85.2	79.7	68.3	57.4	48.3	64.5
1959	44.8	41.9	49.9	60.8	69.7	84.1	87.5	87.4	76.9	63.6	55.6	48.7	64.2
1960	38.0	35.3	52.0	66.3	71.6	83.4M	86.8	88.6	81.2	67.5	58.0	41.6	64.2*
1961	46.0	51.0	52.9	61.1	70.8	81.8	87.0	85.6	73.0	68.8	50.6	43.2	64.3
1962	40.2	47.8	50.7	67.4	76.2	81.5	88.9	90.5	81.5	75.0	59.5	51.5	67.6
1963	37.9	54.2	55.0	67.9	77.8M	86.7M	94.0	84.5	84.8M	77.8	60.7	45.0M	68.9*
1964	48.1M	42.5	51.3M	63.7	77.0M	81.8	94.5M	88.7	82.6M	72.5	54.5	47.6	67.1*
1965	52.1M	46.9	45.3M	65.9	74.0M	77.2M	87.8	84.8	68.9M	73.5	62.8M	52.1M	65.9*
1966	44.4	45.0	61.9M	63.9M	75.0M	84.4M	93.7	87.1M	81.8M	72.2M	60.1M	47.6M	68.4*
1967	51.1M	52.1M	62.8	66.3M	72.5M	77.6	87.6M	86.1M		69.0M	55.4M		
1968	44.6M	47.7M	57.8M	58.6	67.8M	85.4	88.8	83.5	78.0	69.0	49.2	45.6	64.7*
1969	48.4	49.3	44.6	64.3	73.2M	73.7	88.2	91.6M	81.1	50.9	52.3	46.5	63.7*
1970	42.3	53.6	46.7	55.8	74.7	80.5	88.8	89.2	75.5	59.5	51.1	49.9	64.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951											22.8	15.2	
1952	20.8	19.4	19.8	33.2	41.5	52.4	54.5	52.6	45.1	34.5	18.7	19.5	34.3
1953	24.6	18.1	26.9	29.0	38.8	52.6	57.7	54.5	47.9	37.2	29.0	17.2	36.1
1954	21.5	27.4	21.0	35.2	41.7	50.2	59.6	55.1	48.7	35.4	27.2	18.8	36.8
1955	13.5	13.3	21.7	32.8	43.3	47.9	56.5	56.7	46.6	34.9	21.4	22.0	34.2
1956	19.4	12.2	24.2	30.0	43.9	53.9	54.8	52.3	44.6	37.2	21.0	21.2	34.6
1957	12.5	24.8	24.0	28.5	39.8	48.1	55.9	54.9	42.9	37.6	22.9	23.5	34.6
1958	15.9	22.8	19.5	29.4	43.8	49.8	52.4	53.8	46.2	35.6	23.5	20.3	34.4
1959	13.7	16.8	21.0	30.2	41.6	52.3	53.8	54.4	42.2	31.4	20.0	18.3	33.0
1960	10.4	8.7	23.2	33.8	40.0	50.5M	54.7	54.3	46.4	35.7	23.6	15.1	33.0*
1961	14.8	20.7	25.6	29.9	41.1	48.3	52.9	53.5	40.4	34.5	22.8	13.5	33.2
1962	6.1	19.1	21.0	35.0	41.3	48.1	52.8	51.5	44.3	34.9	25.8	15.8	33.0
1963	3.5	21.9	22.0	31.6	40.7M	48.4M	57.0	55.0	49.0M	39.5	25.2	12.0M	33.8*
1964	14.8M	11.6M	17.9M	29.3	41.2M	48.4	56.7M	52.0	43.6M	33.4	24.8	18.3M	32.7*
1965	22.1M	12.8	13.1M	32.5	38.9M	46.9M	53.9	52.1	39.4M	36.0	29.0M	21.0M	33.1*
1966	11.8	12.0	24.4M	27.7M	40.5M	47.6M	58.1	52.4M	47.0M	32.8M	24.6M	14.0M	32.7*
1967	17.0M	17.8M	28.6M	32.3M	37.5M	45.9	51.7M	47.3M		36.5M	22.9M		
1968	13.2M	20.3M	23.9M	26.8	37.4M	48.1	54.0	51.1	42.1	34.9	22.5	13.2	32.3*
1969	18.9	19.3	15.6	35.7	43.3M	46.0	57.1	55.5M	46.5	26.3	21.9	18.3	33.7*
1970	13.6	20.2	18.9	27.2	39.1	46.9	54.1	55.5	42.0	29.3	23.2	18.1	32.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951											37.9	28.8	
1952	34.7	34.8	34.2	47.9	56.2	70.7	71.6	69.9	63.8	51.0	32.9	32.0	50.1
1953	38.9	33.1	43.2	43.0	53.2	69.1	73.1	70.2	65.8	53.5	43.2	30.9	51.4
1954	36.1M	44.3	35.9	53.3	56.7	68.5	75.3	71.2	65.2	52.4	43.6	34.5	53.1*
1955	27.1	28.2	37.7	49.4	57.8	62.9	72.8	71.4	63.1	53.6	36.5	36.0	49.7
1956	34.4	27.2	40.3	46.1	60.0	70.7	70.7	67.9	64.0	55.2	36.3	34.7	50.6
1957	26.5	41.1	38.6	41.7	52.7	64.2	71.2	70.0	60.2	51.2	36.9	39.6	49.5
1958	32.0	37.7	31.2	42.8	58.4	65.1	67.4	69.5	63.0	52.0	40.5	34.3	49.5
1959	29.3	29.4	35.5	45.5	55.7	68.2	70.7	70.9	59.6	47.5	37.8	33.5	48.6
1960	24.2	22.0	37.6	50.1	55.8	67.0M	70.8	71.5	63.8	51.6	40.8	28.4	48.6*
1961	30.4	35.9	39.3	45.5	56.0	65.1	70.0	69.6	56.7	51.7	36.7	28.4	48.8
1962	23.2	33.5	35.9	51.2	58.8	64.8	70.9	71.0	62.9	55.0	42.7	33.7	50.3
1963	20.7	38.1	38.5	49.8	55.3M	67.6M	75.5	69.8	66.9M	58.7	43.0	28.5M	51.4*
1964	31.5M	27.1M	34.6M	46.5	59.1M	65.1	75.6M	70.4	63.1M	53.0	39.7	33.0M	49.9*
1965	37.1M	29.9	29.2M	49.2	56.5M	62.1M	70.9	68.5	54.2M	54.8	45.9M	36.6M	49.6*
1966	28.1	28.5	43.2M	45.8M	59.8M	66.0M	75.9	69.8M	64.4M	52.5M	42.4M	30.8M	50.6*
1967	34.1M	35.0M	45.7M	49.3M	55.0M	61.8	69.7M	66.7M		52.8M	39.2M		
1968	28.9M	34.0M	40.9M	42.7	52.6M	66.8	71.4	67.3	60.1	52.0	35.9	29.4	48.5*
1969	33.7	34.3	30.1	50.0	58.3M	59.9	72.7	73.6M	63.8	38.6	37.1	32.4	48.7*
1970	28.0	36.9	32.8	41.5	56.9	63.7	71.5	72.4	58.8	44.4	37.2	34.0	48.2

Summary Table

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Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

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CLIMATOLOGY REPORT NO. 77-1

CHEYENNE WELLS

05 1564 3

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS			
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW								.10 OR MORE	.50 OR MORE	1.00 OR MORE	
JAN	45.0	14.9	29.9	76.	1956	5	-21.	1963	11	0.0	5.3	30.5	4.0	.24	.47	1951	13	4.1	9.	1962	8	.9	0.0	0.0
FEB	48.3	18.4	33.4	79.	1962	11	-23.	1951	1	0.0	3.4	27.3	1.1	.25	.62	1960	4	3.5	5.	1966	2	1.0	.1	0.0
MAR	53.2	22.5	37.8	87.	1963	28	-16.	1960	3	0.0	2.4	27.7	.7	.65	.87	1963	10	4.5	9.	1969	2	2.1	.2	0.0
APR	65.8	33.5	49.7	82.	1962	20	9.	1953	12	0.0	.1	13.0	0.0	1.16	1.30	1952	21	2.1	3.	1964	4	2.8	.5	.2
MAY	75.7	44.4	60.1	97.	1967	25	23.	1966	12	2.5	0.0	1.4	0.0	2.71	2.40	1965	24	.1	0.	0	0	5.2	1.8	.8
JUN	86.1	53.7	69.9	105.	1952	15	31.	1951	2	12.7	0.0	0.0	0.0	2.25	2.00	1951	10	0.0	0.	0	0	4.2	1.5	.6
JUL	91.6	59.5	75.6	106.	1954	13	40.	1952	8	20.8	0.0	0.0	0.0	2.94	4.00	1958	18	0.0	0.	0	0	5.3	2.2	1.1
AUG	89.7	57.5	73.6	104.	1964	10	39.	1964	28	17.9	0.0	0.0	0.0	2.23	4.05	1959	6	0.0	0.	0	0	3.3	1.4	.4
SEP	81.5	48.0	64.8	100.	1960	6	26.	1966	30	6.5	0.0	.8	0.0	1.45	3.28	1966	13	0.0	0.	0	0	3.1	1.2	.2
OCT	69.9	36.4	53.2	91.	1967	3	13.	1970	7	.5	0.0	8.7	0.0	.99	3.90	1965	17	1.3	1.	1970	26	2.1	.5	.1
NOV	55.0	24.3	39.7	80.	1958	10	-6.	1959	12	0.0	1.6	25.9	.3	.43	.75	1956	2	2.6	3.	1962	18	1.1	.1	0.0
DEC	45.7	17.1	31.4	75.	1964	23	-18.	1961	12	0.0	4.5	30.1	1.3	.18	.56	1960	3	3.0	6.	1965	18	.8	.1	0.0
ANNUAL	67.3	35.8	51.6							61.	17.	166.	8.	15.5				21.				32.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.03	.23	.51	.32	0.00	0.00	0.00	0.00	7.98
.10	0.00	0.00	.11	.11	.28	.40	.77	.51	.10	0.00	0.00	0.00	9.26
.20	0.00	0.00	.23	.28	.64	.71	1.20	.83	.29	.08	.05	.03	10.99
.30	.07	0.00	.32	.45	.94	1.02	1.60	1.14	.50	.20	.12	.07	12.37
.40	.12	.07	.42	.66	2.23	1.36	2.01	1.46	.74	.35	.21	.10	13.64
.50	.18	.14	.53	.86	2.52	1.74	2.46	1.82	.55	.30	.30	.14	14.90
.60	.23	.22	.66	1.11	2.84	2.09	2.97	2.22	.81	.41	.41	.18	16.24
.70	.31	.32	.81	1.43	3.21	2.57	3.58	2.72	1.16	.54	.54	.23	17.76
.80	.40	.45	1.02	1.87	3.68	3.51	4.41	3.40	1.37	.73	.73	.30	19.45
.90	.56	.67	1.36	2.60	4.40	4.78	5.74	4.49	1.99	1.04	1.04	.41	22.45
.95	.71	.88	1.68	3.32	5.06	6.02	7.01	5.55	4.39	3.48	1.35	.62	25.02
ALPHA	1.55	1.25	1.76	1.26	4.67	1.39	1.96	1.73	1.42	1.77	1.21	1.63	8.71
BETA	.19	.29	.39	.97	.58	1.62	1.50	1.29	1.42	1.44	.42	.13	1.78
C	.20	.30	.05	.05	0.00	0.00	0.00	0.00	.05	.10	.15	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 C = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.57	.30	.60	1.41	2.49	6.49	.92	1.16	.75	.45	.95	.10	16.19
1952	.20	.23	1.28	3.14	1.72	.25	1.05	3.91	.52	T	1.30	.20	13.80
1953	.20	T	.910	2.37	2.43	.98	1.37	3.20	.12	.23	1.55	T	13.36*
1954	.12	T	.50	.10	1.38	.18	1.21	4.00	.00	2.60	.09	.15	10.33
1955	.20	.10	.10	.90	2.02	1.63	.18	1.34	1.15	T	T	.15	7.77
1956	.47	.05	.51	.06	1.41	1.00	2.85	.14	.32	.23	.95	.04	8.03
1957	.12	.35	.88	3.69	3.59	2.91	5.78	2.39	.80	.35	.51	.18	21.55
1958	.35	.41	1.52	2.33	3.73	4.06	9.35	2.85	1.21	.57	.23	.24	26.85
1959	.40	.37	.46	.90	2.09	1.97	3.34	5.23	1.88	2.07	T	.11	18.82
1960	.50	1.79	.29	2.39	2.50	1.80	3.76	.39	1.53	1.62	.20	1.03	18.20
1961	T	.36	1.68	.56	4.57	3.19	2.21	3.28	1.26	.99	.78	.10	18.98
1962	.38	T	.33	.30	3.65	3.46	3.88	.79	.59	.62	.56	.11	14.67
1963	.34	T	1.59	.00	1.22	.43	2.90	1.31	2.65	.09	.24	.20	10.97
1964	T	.55	.20	.85	4.57	.73	1.82	.43	1.21	.09	.30	.00	10.75
1965	T	.19	.28	.32	2.74	6.35	.97	4.65	2.93	3.92	T	.55	22.90
1966	.310	.13	T	.89	.81	.74	4.99	.74	4.75	.51	.02	.06	13.95*
1967	.12	T	.07	.40	4.29	2.07	1.87	2.69	1.34	.18	.08	.08	13.19
1968	.03	.05	.49	.52	1.37	.76	3.67	2.55	.01	.01	.47	.23	10.16
1969	.02	.13	.92	1.19	4.08	4.32	3.21	1.76	4.72	3.56	.15	.12	24.18
1970	T	.00	.47	.83	3.63	1.71	3.41	1.78	1.35	1.71	.26	T	15.15

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.0	4.0	2.5	4.5	T	T	
51-52	T	T	.0	.0	9.5	1.0	2.0	3.5		4.0	.0	.0	
52-53	.0	.0	.0	T	8.0	T	2.0	T	4.0	8.0	.0	.0	22.0
53-54	.0	.0	.0	.0	9.0	.0		T		.0		.0	
54-55	.0	.0	.0	T	1.0	4.0	2.0	4.0	2.0	.0	T	.0	13.0
55-56	.0	.0	.0	T	T		5.5	1.5	4.0	.0	.0	.0	
56-57	.0	.0	.0	.0			3.0				.0	.0	
57-58	.0	.0	.0	.0	3.0	T	10.3	3.0	10.5	6.0	.0	.0	34.8
58-59	.0	.0	.0	.0	4.5					6.0	.0	.0	
59-60	.0	.0	T	3.0	.0		13.0	27.5	3.5	T	.0	.0	
60-61	.0	.0	.0			8.0	T				.0	.0	
61-62	.0	.0	.0	T		6.0	10.0	2.0	T	.0	.0	.0	
62-63	.0	.0	.0	.0	3.0	T		T		.0	.0	.0	
63-64	.0	.0	.0	T	T		T	9.0	5.0	.0	.0	.0	
64-65	.0	.0	.0	.0	2.0	.0	T	3.1	3.0	.0	.0	.0	8.1
65-66	.0	.0	.0	.0	T	15.0	9.0	1.5	T	T	.0	.0	25.5
66-67	.0	.0	.0	5.0	T	3.5	6.0	T		T	.0	.0	
67-68	.0	.0	.0	T			T	T	3.0	.0	.0	.0	
68-69	.0	.0	.0	.0	T	4.5	T	T	13.0	.0	.0	.0	17.5
69-70	.0	.0	.0	9.0	1.0	T	T	.0	7.5	5.0	2.0	.0	24.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.1	51.4	54.3	61.7	73.5	77.2	88.5	90.6M	80.3	68.8	51.4	42.1	65.0*
1952	49.0	50.1	48.5	64.3	73.4	95.0	94.4	91.5	84.9	73.4	50.0	43.9	68.2
1953	55.9	52.0	61.9	61.0	71.4	92.1	92.5	87.4	86.8M	73.4	54.9	39.8	69.1*
1954	44.6	60.5	52.2	74.8	71.8	92.6	96.4	91.3	87.5	67.0	63.1	50.3	71.0
1955	41.8	45.7	58.5M	70.3	77.4	80.8	95.1	91.2	83.2	75.4	55.7	46.6	68.5*
1956	49.0	43.3	59.5	65.0	81.0	93.7	90.6	90.3	87.0	76.8	50.5	51.8	69.9
1957	40.2	54.0M	56.7M	63.0	71.6	84.4	93.1	90.6	82.0M	61.1M	51.3	55.0	66.9*
1958	46.4	46.7	38.2	60.6	77.9	85.0	86.8	90.5	84.2	70.7	60.1	47.9	66.3
1959	46.1	44.0	55.6	65.1	74.9	89.4	91.2	91.1	80.5	65.7	55.5M	50.0	67.4*
1960	41.4	32.4	47.6	70.2	76.7	87.7	90.2	95.1	83.5	70.6	56.8	44.9	66.4
1961	48.4	50.3	54.4	61.1	72.5	86.7	91.0	92.6	77.4	68.2M	48.1	37.7M	65.7*
1962	37.0	50.7	53.1	67.8	81.3	82.1	89.5	92.3M	78.4	72.6	57.1	49.2	67.6*
1963	37.1	53.4	56.5	71.1	80.1	90.6	95.7	90.6	84.3	77.6	59.8	40.6	69.8
1964	49.6	41.4	52.6	63.1	75.1	85.7	95.1	90.7	80.8	71.6	53.7	47.6	67.6
1965	49.9	44.1	39.8	67.1	79.6	80.8	91.1	84.2	68.7	71.0	60.3	46.5	65.3
1966	35.1	38.7	61.6	63.1	79.6	85.9	92.0	83.8	79.7	69.0	57.8	43.8	65.8
1967	47.8	52.9	63.3	70.7	69.4	79.9	87.9	86.0	78.4	72.7	55.6M	41.1	67.1*
1968	47.9	49.9	59.9	65.9	68.5	88.7	89.3	84.1	82.7	74.6	50.9	39.9	66.9
1969	46.9	49.2	42.5	67.5	74.9	79.9	91.4	88.4	79.8	55.8	54.6	45.2	64.7
1970	45.4	55.7	47.4	62.5	79.5	83.6	90.1	92.0	79.7	61.2	53.6	50.4	66.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.4	17.2	16.9	29.3	44.6	49.1	59.4	57.9M	43.7	34.4	21.3	12.7	33.1*
1952	17.5	19.4	20.8M	34.1	42.8	56.2	58.0	59.8	50.2	34.6	22.2	18.0	36.1*
1953	22.8	17.1	27.2	31.8	42.1	57.0	60.8	58.1	50.3M	38.7	28.3	17.5	37.6*
1954	18.2	27.5	20.7	36.6	43.6	55.9	63.9	59.1	52.7	38.2	29.2	19.6	38.8
1955	15.5	13.8	19.6M	36.4	46.8	51.4	60.7	59.9	49.8	38.1	19.6	16.3	35.7*
1956	17.5	15.1	24.1	30.3	45.9	59.0	58.5	56.5	48.3	39.4	22.5	20.1	36.4
1957	8.8	21.3M	25.5	33.1	44.6	53.4	61.5	58.5	45.9M	36.1M	23.8	23.4	36.3*
1958	18.8	20.4	20.4	32.6	49.9	54.8	57.6	58.0	50.9	38.7	25.7M	20.1	37.3*
1959	14.4	18.5	23.3	31.3	43.2	55.4	57.0	59.1	45.9	33.5	19.0	21.2	35.2
1960	11.7	11.8	20.0	35.1	42.8	53.2	56.6	58.0	48.7	38.3	23.8	18.3	34.9
1961	15.5	19.9	24.8	29.2	40.5	52.6	57.5	58.4	42.5	32.8M	21.4	12.6M	34.0*
1962	8.6	20.0M	21.2	35.8	47.5	53.7	59.2	56.2M	48.7	38.0	27.4	19.7	36.3*
1963	5.4	20.7	28.1	35.4	47.1	56.8	62.2	59.8	54.1	42.8	26.7	11.6	37.6
1964	16.8	16.6	20.2	33.2	44.3	51.1	59.6	54.6	47.7	34.8	24.1	14.0	34.8
1965	17.9	12.8	13.7	37.4	42.7	51.8	58.2	53.4	40.8	37.1	26.5	18.1	34.2
1966	8.5	16.3	26.7	31.1	43.4	52.8	61.3	53.5	46.5	34.5M	25.9	14.9	34.6*
1967	19.6	17.8	26.1	36.4	41.7	51.7	58.6	53.6	46.5	33.6	21.1M	13.3	35.0*
1968	17.1	18.7	26.6	31.9	41.5	54.9	58.0	54.6	45.8	36.5	25.5	13.3	35.4
1969	17.9	21.3	18.9	38.6	47.3	50.2	61.0	59.2	54.4	34.1	25.8	19.6	37.4
1970	14.6	21.0	20.5	31.2	45.2	53.2	60.5	60.8	46.6	34.6	26.3	17.4	36.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.3	34.3	35.6	45.5	59.1	63.2	74.0	74.3M	62.0	51.6	36.4	27.4	49.1*
1952	33.3	34.8	34.7M	49.2	58.1	75.6	76.2	75.7	67.6	54.0	36.1	31.0	52.2*
1953	39.4	34.6	44.6	46.4	58.8	74.6	76.7	72.8	68.6M	56.1	41.6	28.7	53.4*
1954	31.4	44.0	36.5	55.7	57.7	74.3	80.2	75.2	70.1	52.6	46.2	35.0	54.9
1955	28.7	29.8	39.1M	53.4	62.1	66.1	77.9	75.6	66.5	56.8	37.7	31.5	52.1*
1956	33.3	29.2	41.8	47.7	63.5	76.4	74.6	73.4	67.7	58.1	36.5	36.0	53.2
1957	24.5	37.7M	41.1M	48.1	58.1	68.9	77.3	74.6	64.0M	48.6M	37.6	39.2	51.6*
1958	32.6	33.6	29.3	46.6	63.9	69.9	72.2	74.3	67.6	54.7	42.9M	34.0	51.8*
1959	30.3	31.3	39.5	48.2	59.1	72.4	74.1	75.1	63.2	49.6	37.3M	35.6	51.3*
1960	26.6	22.1	33.8	52.7	58.8	70.5	73.4	76.6	66.1	54.5	40.3	31.6	50.7
1961	32.0	35.1	39.6	45.2	58.5	69.7	74.3	75.5	60.0	50.5M	34.8	25.2M	49.9*
1962	22.8	35.4M	37.2	51.8	64.4	67.9	74.4	74.3M	63.6	55.3	42.3	34.5	52.0*
1963	21.3	37.1	42.3	53.3	63.6	73.7	79.0	75.2	69.2	60.2	43.3	26.1	53.7
1964	33.2	29.0	36.4	48.2	61.7	68.4	77.4	72.7	64.3	53.2	38.9	30.8	51.2
1965	33.9	28.5	26.8	52.3	61.2	66.3	74.7	68.8	54.8	54.1	43.4	32.3	49.8
1966	21.8	27.5	44.2	47.1	61.5	69.4	76.7	68.7	63.1	51.8M	41.9	29.4	50.3*
1967	33.7	35.4	44.7	53.6	55.6	65.8	73.3	69.8	62.5	53.2	38.4M	27.2	51.1*
1968	32.5	34.3	43.3	48.9	55.0	71.8	73.7	69.4	64.3	55.6	38.2	26.6	51.1
1969	32.4	35.3	30.7	53.1	61.1	65.1	76.2	73.8	67.1	45.0	40.2	32.4	51.0
1970	30.0	38.4	34.0	46.5	62.4	68.4	75.3	76.4	63.2	47.9	40.0	33.9	51.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CIMARRON 3SE

05 1609 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	35.0	-8.0	17.1	60.	1969	7	-43.	1963	13	0.0	12.2	30.9	17.9	1.65	1.08	1952	7	14.9	28.	1957	29	3.1	.6	.4
FEB	39.9	4.1	21.5	62.	1954	7	-40.	1955	21	0.0	6.6	28.2	10.9	1.10	.70	1969	7	13.9				4.5	.5	0.0
MAR	46.2	13.7	30.0	76.	1963	30	-25.	1952	23	0.0	2.1	30.9	4.2	1.19	1.50	1952	31	14.3	30.	1952	31	3.0	.4	0.0
APR	59.5	22.7	41.1	79.	1959	30	0.	1957	8	0.0	.1	27.9	.1	.82	.80	1953	29	3.2	28.	1952	1	3.0	.3	0.0
MAY	70.4	30.0	50.2	89.	1956	31	14.	1967	4	0.0	0.0	21.8	0.0	1.01	2.35	1953	17	.6	2.	1953	1	3.3	.2	0.0
JUN	81.0	36.9	58.9	96.	1962	16	22.	1970	4	3.6	0.0	6.9	0.0	.96	5.25	1952	3	0.0	0.	0	0	1.8	.3	.1
JUL	86.3	43.4	64.9	98.	1961	30	29.	1955	8	8.2	0.0	.5	0.0	1.26	1.25	1953	11	0.0	0.	0	0	3.7	.5	0.0
AUG	84.1	42.2	63.2	94.	1969	9	28.	1962	29	3.4	0.0	1.9	0.0	1.72	2.20	1952	10	0.0	0.	0	0	4.3	.3	0.0
SEP	76.6	33.0	54.6	92.	1960	5	18.	1970	26	.4	0.0	15.0	0.0	1.38	3.60	1952	21	0.0	0.	0	0	3.5	.7	0.0
OCT	66.3	24.3	45.3	96.	1958	16	5.	1966	31	0.0	0.0	27.9	0.0	1.11	1.35	1957	14	.6	2.	1956	24	3.1	.9	.2
NOV	49.3	14.3	31.8	72.	1952	3	-22.	1952	29	0.0	1.7	29.7	2.8	.78	.87	1965	23	6.1	12.	1954	30	2.4	.3	0.0
DEC	35.8	2.8	19.3	59.	1951	24	-33.	1961	12	0.0	11.7	30.7	15.5	1.04	1.00	1966	26	13.7				3.1	.3	.1
ANNUAL	60.6	22.0	41.2							15.	34.	252.	51.	14.0				67.				39.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.08	.24	0.00	0.00	0.00	0.00	0.18	.19	0.00	0.00	.16	.00	6.93
.10	.16	.34	.13	0.00	.11	0.00	.31	.31	0.00	0.00	.23	.00	8.01
.20	.35	.50	.32	.39	.47	.08	.40	.55	.21	.28	.34	.45	9.03
.30	.57	.64	.50	.53	.62	.26	.60	.79	.43	.48	.45	.60	10.02
.40	.83	.79	.70	.65	.59	.45	.80	1.05	.68	.67	.55	.73	12.02
.50	.95	.91	.77	.77	.77	.65	1.01	1.34	.96	.88	.67	.89	13.02
.60	1.13	1.12	1.16	.90	.99	.65	1.26	1.67	1.29	1.12	.80	1.06	14.02
.70	1.50	1.47	1.47	1.04	1.26	1.21	1.57	2.10	1.72	1.41	.95	1.26	16.04
.80	1.98	1.61	1.90	1.23	1.52	1.53	1.98	2.67	2.30	1.80	1.16	1.54	17.06
.90	2.83	2.05	2.60	1.92	2.23	2.34	3.64	4.63	3.29	3.43	1.49	1.98	20.09
.95	5.00	3.47	3.28	1.78	2.82	3.04	3.28	4.56	4.27	3.04	1.80	2.40	23.04
ALPHA	.97	2.37	1.41	3.65	1.38	1.22	1.68	1.42	1.15	1.65	2.21	2.19	7.74
BETA	1.70	.46	.89	.25	.77	.95	.79	1.21	1.35	.75	.35	.47	1.80
Q	0.00	0.00	.05	.11	.05	.17	.06	0.00	.11	.11	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951										.91	1.18	3.87	
1952	2.31	2.70	3.42	.80	.90	5.25	1.30	7.69	4.70	T	.34	.66	30.97
1953	1.19	.70	1.96	1.77	3.05	.75	3.21	.55	1.40	.10	.50	1.30	16.07
1954	.460	.660	.60	.30	1.03	.20	1.47	.30	2.85	.83	1.65	.46	10.81*
1955	.600	1.65	1.040	1.110	1.43	.37	.16	1.50	.00	.00	1.380	.560	9.80*
1956	2.10	1.15	.00	.50	.44	.60	.47	1.34	.00	.85	.45	1.130	9.03*
1957	2.71	1.00	.87	.87	3.35	.95	2.14	7.69	.25	1.85	.60	1.50	18.78
1958	1.75	1.86	.34	.35	T	.00	.00	.20	.60	.50	.20	.680	6.48*
1959	1.10	.98	.60	1.47	.26	1.41	.54	2.32	1.79	1.80	.16	.75	13.18
1960	.92	2.41	2.67	.25	.70	.15	.36	.53	.62	.73	.40	.90	10.64
1961	.03	.93	.85	1.240	.15	T	.17	1.89	2.32	1.26	.34	1.15	10.38*
1962	10.00	.80	.600	.00	.50	.50	.60	.75	1.00	.90	.930	.25	16.83*
1963	.20	.35	1.75	T	.25	T	.83	2.25	.730	.70	.20	.810	8.07*
1964	1.180	.60	1.72	.88	.69						.35	.91	
1965	1.98	.68	1.70	1.19	2.04	1.02	3.14	1.81	2.87	1.25	2.02	.37	20.07
1966	.54	.97	.20	1.07	1.01	.71	.95	.61	.59	1.87	.95	2.60	12.07
1967	1.21	.55	.48	.47	1.67	1.70	1.43	1.40	1.99	.10	1.35	.94	13.29
1968	.93	1.53	.03	1.57	1.40	.15	1.77E	1.94E	.05	1.05	.80	1.00	12.22*
1969	2.000	1.55	1.29	1.02	.17	2.56	2.29	.32	.17	4.24	.66	.78	17.05*
1970	.12	.13	2.42	.72	.20	.95	1.78	2.82	2.96	2.18	1.18	.16	15.62

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52				2.0	10.9	20.0	27.6	29.4	28.4	1.0	T	.0	
52-53	.0	.0	.0	T	5.0	16.5	10.5	2.6	16.8	7.2	5.0	.0	63.8
53-54	T	.0	T	T		13.0	4.6	6.6	5.2	T	T	T	
54-55	.0	.0	.0	T	13.0			16.5			2.0	.0	
55-56	.0	.0	.0	.0		5.1	21.0		.0	4.0	.0	.0	
56-57	.0	.0	.0		7.0		37.0				T	.0	
57-58	.0	.0	.0	.0	6.0	15.0	21.0	25.0	9.0	6.0	.0	.0	82.0
58-59	.0	.0	.0	T	3.0		15.0	16.0	6.0	6.0	.0	.0	
59-60	.0	.0	T	.0	T	9.5	13.0	33.0	26.0	4.0	T	.0	85.5
60-61	.0	.0	.0	.0	1.0		1.0	16.4	21.0		.0	.0	
61-62	.0	.0			10.0	16.0	7.2	10.0	6.0	.0	.0	.0	
62-63	.0	.0	.0			4.0	3.0	1.0	20.0	T	.0	.0	
63-64	.0	.0		7.0	4.0		14.0	6.0	20.0	12.0	3.0	.0	
64-65	.0	.0	.0	.0	12.0	18.3	33.5	13.5	20.0	1.5	.0	.0	98.8
65-66	.0	.0	T	.0	13.5		15.0	15.5	10.0		.0	.0	
66-67	.0	.0	.0	.0	T	14.0	11.0	11.0			.0	.0	
67-68	.0	.0	.0	2.0		23.5	16.0	12.0	1.0	7.0	.5	.0	
68-69	.0	.0	.0	T		18.0	17.0	19.5	25.0	T	.0	.0	
69-70	.0	.0	.0				.9	2.0	13.7	.0	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952	35.2	35.5	42.2	58.0	70.2	82.4	85.8	82.8	78.3	63.5	44.8	35.1	
1953	40.1	40.4	52.9	58.2	65.2	78.5	85.5	84.0	80.3	72.6	46.5	35.3	60.4
1954	42.4	55.9	49.4	68.4	73.0	82.5	88.6	84.2	74.2	64.7	54.2	34.8	61.7
1955	30.3	34.5			65.8M	79.7	86.9	85.6	83.0	67.8	55.1	31.8	64.4
1956	40.4	34.7	48.4M	59.3	74.1	84.8	87.1	83.6	82.2	69.0	42.2	35.9M	61.8*
1957	31.7M	40.4	47.4	52.4	65.7	79.5M	82.5	80.1	74.9	67.0	43.0	38.1	58.6*
1958	33.6	42.0	44.1	57.0	75.5	82.7	86.1	87.3	77.2	69.1	50.3		
1959	38.4M	39.5	47.4	60.0	72.4	84.4	86.9	80.6	75.1	64.1	52.0	39.3	61.7*
1960	33.8	34.2	47.6	62.6	71.0	83.4	89.0	87.3	80.4M	65.0	52.2		
1961	37.0M	42.4	47.4	58.1	72.9	84.7	87.2	84.5	69.2	65.7	45.7	31.9	60.6*
1962	31.9	33.9	43.1	68.4	67.9	91.3	90.1	88.0	78.6	69.4		43.4	
1963	34.3	43.5	44.9	64.0	76.0	81.2	88.1	82.8		70.3	64.1		
1964	33.0	36.1	40.4	56.2	72.1						45.9	34.0	
1965	35.1	38.2	41.5	59.0	65.4	74.4	82.1	82.0	70.9	70.2	52.8	34.5	58.8
1966	25.9	31.7	48.6	61.0	73.7	80.0	87.3M	85.3	78.8	67.0	52.0	35.9	60.6*
1967	36.6	43.5	54.8	60.6	66.3	75.5	85.8	81.3	75.1	66.5	50.5	31.6	60.7
1968	29.5	37.3	48.3	52.8	66.0	81.1			75.2	67.6	44.5	34.1	
1969	39.3	31.4	40.8	61.5	73.9	74.5	84.8	86.2	76.3	52.9	45.8	38.2	58.8
1970	36.5	43.9	42.7	53.8	70.1M	76.6	83.5	83.5	72.6	56.0	46.0	38.3	58.6*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952	1.9	- 6.7	7.0	21.6	31.2	35.1	38.2	40.1	32.6	23.8	10.5	1.6	
1953	2.6	3.5	16.0	21.5	27.9	37.5	44.0	38.5	31.2	19.4	9.7	.5	19.2
1954	3.5	11.3	16.4	23.9	33.1	34.7	47.2	35.8	33.1	24.5	17.7	- 2.2	21.9
1955	- 6.7	- 2.9			28.8M	35.1	42.3	46.5		23.8	15.4	- 6.5	22.6
1956	12.7	- 3.6	8.2M	22.6	30.0	36.0	41.7	38.8	30.8	21.3	11.0	- 1.1M	20.7*
1957	6.3M	9.9	17.1	23.7	31.5	37.4M	45.5	44.8	30.3	29.5	13.8	2.9	24.4*
1958	- 6.0	11.7	14.1	18.9	30.4	36.4	39.3	43.5	36.0	23.6	13.2		
1959	- 2.1M	4.9	14.6	23.2	31.2	39.4	43.6	44.6	33.8	24.0	12.5	- .5	22.4*
1960	- 4.7	1.4	16.7	23.5	26.7	37.0	42.0	39.2	35.9	25.5	14.5		
1961	- 9.9M	5.9	17.7	25.0	31.8	38.9	41.9	45.8	33.3	24.2	12.9	- .7	22.2*
1962	- 7.8	8.8	9.0	27.4	26.8	42.8	49.0	39.1	32.9	26.5		3.8	
1963	- 8.3	14.5	16.2	23.4	31.0	34.9	43.1	44.7		30.1	14.7		
1964	- 9.8	- 6.4	5.1	21.1	31.3						15.8	8.3	
1965	3.5	2.6	15.1	25.1	29.8	36.6	42.8	40.4	33.1	22.7	17.9	8.3M	23.2*
1966	- 3.2	- 4.2	12.6	21.9	29.5	37.5	44.6M	41.2	32.6	22.3	17.5	4.0	21.4*
1967	5.2	7.9	21.4	19.1	28.7	34.2	44.7	44.5	36.0	25.0	17.9	6.0M	24.4*
1968	- 5.9	7.8	15.4	20.3	30.5	35.8			27.7	24.2	14.0	3.5	
1969	10.0	2.3	4.8	24.8	32.4	36.6	45.9	45.1	36.6	24.9	11.5	8.0	23.6
1970	3.2	10.0	17.9	21.7	28.1M	35.5	42.9	44.8	32.3	23.2	16.9	8.4	23.7*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952	10.6	14.4	24.6	39.8	50.7	58.8	62.0	61.5	55.5	43.7	27.7	18.4	
1953	21.4	22.0	34.5	39.9	46.6	58.0	64.6	61.8	54.8	46.0	28.1	17.9	39.8
1954	23.0	33.6	32.9	46.2	53.1	58.6	67.9	60.0	53.7	44.6	36.0	16.3	41.6
1955	11.8	15.8			47.3M	57.4	64.6	66.1		45.8	35.3	12.7	43.6
1956	26.6	15.6	28.3M	41.0	52.1	60.4	64.4	61.2	56.5	45.2	26.6	17.4M	
1957	19.0M	25.2	32.3	38.1	48.6	58.5M	64.0	62.5	52.6	48.3	28.4	20.5	41.3*
1958	13.8	26.9	29.1	38.0	53.0	59.6	62.7	65.4	56.6	46.4	31.8		41.5*
1959	18.2M	22.2	31.0	41.6	51.9	61.9	65.3	62.6	54.5	44.1	32.3	19.4	42.1*
1960	14.6	17.8	32.2	43.1	48.9	60.2	65.5	63.3	58.2M	45.3	33.4		
1961	13.6M	24.2	32.6	41.6	52.4	61.8	64.6	65.2	51.3	45.0	29.3	15.6	
1962	12.1	21.4	26.1	47.9	47.4	67.1	69.6	63.6	55.8	48.0		23.6	41.4*
1963	13.0	29.0	30.6	43.7	53.5	58.1	65.6	63.8		50.2	39.4		
1964	11.6	14.9	22.8	28.7	51.7						30.9	21.2	
1965	19.3	20.4	28.3	42.1	47.6	55.5	62.5	61.2	52.0	46.5	35.4	21.4M	41.0*
1966	11.4	13.8	30.6	41.5	51.6	58.8	66.0M	63.3	55.7	44.7	34.8	20.0	41.0*
1967	20.9	25.7	38.4	39.9	47.5	55.9	65.3	62.9	55.6	45.8	34.2	18.8M	42.6*
1968	11.8	22.6	31.9	36.6	48.3	58.5	65.4		51.5	45.9	29.3	18.8	
1969	24.7	16.9	22.8	43.2	53.2	55.6	65.4	65.7	56.5	38.9	28.7	23.1	41.2
1970	19.9	27.0	30.3	37.8	49.1M	56.1	63.2	64.2	52.5	39.6	31.5	23.4	41.2*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CLIMAX 2NW

05 1660 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	24.3	4.2	14.3	46.	1960	30	-33.	1963	13	0.0	24.9	30.9	10.1	2.42	.08	1951	23	42.8	60.	1970	29	7.4	.4	0.0
FEB	25.1	4.0	14.6	46.	1958	22	-25.	1955	20	0.0	22.4	28.2	9.6	1.95	.69	1951	13	38.2	66.	1962	25	7.1	.1	0.0
MAR	29.2	6.5	17.9	49.	1956	24	-24.	1965	3	0.0	18.9	31.0	7.8	2.03	.77	1965	24	37.0	74.	1965	24	7.9	.1	0.0
APR	37.4	14.9	26.2	55.	1965	23	-11.	1953	12	0.0	8.1	29.9	1.1	2.56	1.21	1962	9	39.9	79.	1962	9	8.3	.6	.1
MAY	47.4	25.4	36.5	65.	1956	31	0.	1953	11	0.0	1.2	26.9	.1	1.71	.95	1969	7	16.9	64.	1970	1	5.3	.5	0.0
JUN.	57.6	33.4	45.5	75.	1954	22	13.	1954	2	0.0	.1	12.4	0.0	1.50	1.14	1953	19	5.7	46.	1957	1	5.4	.6	0.0
JUL	63.7	38.6	51.2	78.	1966	9	29.	1961	22	0.0	0.0	1.3	0.0	2.36	1.27	1961	31	.1	0.	0	0	6.8	.9	.1
AUG	61.5	37.5	49.5	74.	1965	11	21.	1960	17	0.0	0.0	2.9	0.0	2.50	1.07	1963	8	.2	0.	0	0	8.5	1.0	.1
SEP	55.2	31.6	43.4	71.	1960	5	8.	1961	30	0.0	.4	15.7	0.0	1.58	1.33	1961	3	8.2	20.	1959	29	4.8	.5	.1
OCT	45.3	22.8	34.1	61.	1961	16	-5.	1970	27	0.0	2.8	29.2	.2	1.26	.96	1969	3	17.7	27.	1969	30	4.6	.4	0.0
NOV	32.5	11.3	22.0	56.	1952	1	-23.	1952	27	0.0	13.8	30.0	4.4	1.68	.97	1951	13	31.2	30.	1970	27	5.0	.2	0.0
DEC	26.0	5.6	15.8	49.	1954	22	-25.	1961	12	0.0	23.5	31.0	9.4	2.08	.95	1966	6	40.4	60.	1951	31	6.1	.5	0.0
ANNUAL	42.1	19.6	30.9							0.	116.	269.	43.	23.6				278.				77.	6.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.59	.95	.89	.94	.69	.40	.94	.75	.23	.27	.70	.58	16.76
.10	.81	1.22	1.08	1.18	.85	.54	1.15	.98	.37	.34	.85	.78	18.06
.20	1.17	1.54	1.33	1.53	1.07	.76	1.46	1.34	.60	.57	1.07	1.04	19.72
.30	1.48	1.83	1.54	1.80	1.26	.95	1.72	1.65	.82	.73	1.24	1.34	20.98
.40	1.79	2.17	1.73	2.09	1.43	1.13	1.96	1.95	.90	.80	1.41	1.59	22.10
.50	2.12	2.56	1.92	2.37	1.60	1.33	2.21	2.26	1.08	.90	1.58	1.86	23.18
.60	2.49	2.94	2.13	2.68	1.77	1.55	2.47	2.50	1.28	1.08	1.76	2.10	24.29
.70	2.93	3.40	2.37	3.03	1.91	1.81	2.78	3.00	1.44	1.15	1.96	2.51	25.52
.80	3.50	4.00	2.67	3.49	2.09	2.15	3.17	3.52	1.61	1.35	2.23	2.96	27.01
.90	4.41	5.00	3.13	4.18	2.71	2.68	3.77	4.34	1.88	1.56	2.63	3.68	29.18
.95	5.26	6.00	3.55	4.82	3.09	3.18	4.31	5.10	2.18	1.84	3.00	4.34	31.05
ALPHA	2.65	7.67	6.12	4.47	5.28	2.90	5.05	3.33	1.75	2.33	5.52	3.07	28.88
BETA	0.91	0.25	0.33	0.57	0.32	0.52	0.47	0.75	0.91	0.33	0.30	0.68	0.81
Q	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	5.05	3.93	2.01	6.600	2.14	1.71	3.17	.86	.95	1.28	3.76	7.20	38.66*
1952	4.79	1.88	4.36	2.98	1.97	.55		3.400	1.61	.10	1.73	1.36	
1953	2.11	1.21	1.65	2.66	2.55	1.39	4.25	1.53	.61	.87	1.51	1.60	21.94
1954	1.04	1.10	1.97	1.17	1.54	.87	2.86	1.62	3.12	1.73	1.03	1.11	19.16
1955	1.50	1.84	2.29	.95	1.78	.90	2.79	4.89	.26	1.35	3.08	2.34	24.37
1956	3.33	2.17	1.12	2.61	1.07	.70	1.41	1.48	.08	1.20	1.39	1.66	18.22
1957	3.51	1.44	2.49	3.94	3.64	1.27	3.57	2.41	.54	.96	1.71	1.53	27.01
1958	1.57	2.03	2.24	2.73	1.10	.68	.52	2.13	1.27	.55	1.13	2.39	18.34
1959	2.13	2.21	1.61	1.80	2.05	1.70	1.46	.80	3.05	2.10	1.17	.33	20.41
1960	1.27	2.75	3.06	1.21	1.72	1.51	1.75	.95	1.70	1.57	.94	1.33	19.76
1961	.41	1.31	2.31	2.49	2.51	.42	3.57	2.30	4.83	1.60	1.27	1.90	24.92
1962	4.000	2.660	1.49	4.84	1.82	.53	1.65	1.22	.71	.54	.87	1.06	21.19*
1963	2.650	2.05	1.99	1.00	.48	2.68	1.42	6.94	.87	.93	.64	1.41	23.06*
1964	1.38	1.51	2.22	3.01	.98	2.02	1.79	3.22	1.34	.57	1.80	3.78	23.62
1965	3.36	1.34	3.54	2.040	1.71	2.42	3.95	2.86	2.45	.35	2.38	1.380	27.78*
1966	.69	1.410	.860	2.16	1.64	1.98	2.35	1.87	1.09	1.13	1.13	2.460	18.77*
1967	2.250	2.63	1.22	2.12	1.85	1.99	2.63	2.20	1.75	.93	1.83	2.71	24.11*
1968	.53	2.95	1.33	2.30	1.15	.54	2.14	3.52	1.51	1.30	1.98	1.68	20.93
1969	3.190	.910	.90	2.01	2.09	3.85	2.05	1.89	1.10	4.050	1.620	3.030	26.69*
1970	3.170	1.62	1.99	2.600	.61	2.27	1.52	3.94	2.84	2.01	2.540	1.400	26.51*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							54.2	56.9	30.6	81.0	19.5	7.5	
51-52	.0	.0	4.5	10.3	46.2	103.5	60.0	28.2	45.3	33.4	19.0	.0	350.4
52-53			6.1	1.1	34.8	28.0	32.7	23.2	23.7	31.9	34.0	6.0	
53-54	.5	T	T	11.5	16.8	32.4	16.9	18.3	25.7	14.9	9.5	5.2	153.7
54-55	T	.3	3.3	22.0	15.2	22.9	35.2	33.3	49.2	18.0	18.7	8.7	226.8
55-56	T	T	.6	25.9	51.9	45.8	58.8	37.0	19.0	37.4	2.3	T	278.7
56-57	T	T	.2	20.6	31.8	29.9	67.6	29.5	51.7	76.4	43.9	8.8	360.4
57-58	.0	T	2.8	5.8	30.2	35.1	39.4	53.2	36.8	51.1	5.0	.0	259.4
58-59	.0	.0	T	5.2	20.9	52.0	50.3	47.5	41.1	32.3	27.4	.6	277.3
59-60	.0	.0	30.0	29.5	25.0	9.1	29.1	63.5	67.7	21.5	22.6	.6	298.6
60-61	.0	.4	T	16.0	21.3	35.2	15.6	30.8	41.0	52.0	21.5	T	233.8
61-62	2.0	.0	62.3	22.1	35.7	53.3	68.4	40.3	24.8	53.2	20.0	.9	383.0
62-63	.0	.0	.2	7.3	17.5	25.6	45.4	47.7	36.1	18.4	2.0	12.2	212.4
63-64	.0	.5	T	9.2	12.5	30.7	26.8	25.8	42.2	49.1	7.1	14.5	218.4
64-65	.0	3.1	4.9	8.3	37.7	69.3	69.6	22.4	66.4	26.4	17.1	9.2	334.4
65-66	.0	.0	13.5	7.5	40.0	17.6	15.4				18.0	3.7	
66-67	.0	.0	1.8	18.7	18.1	40.1	57.4	57.5	21.0	54.1	15.0	3.1	286.8
67-68	.0	.0	2.7	15.1	37.7	62.2	12.3	66.4	32.4	39.1	11.1	1.8	280.8
68-69	.0		14.1	19.9	49.0	25.7	51.6	17.3	16.2	28.4	19.7	15.1	
69-70	.0	.0	.8	63.9	28.2	53.6	50.0	27.4	32.7	39.0	4.9	16.0	316.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951									57.7M	49.5M	29.5M	25.2M	
1952									57.4	45.4	35.3	22.5	42.0*
1953	26.9	24.0M	31.8M	34.1	42.2M	59.2M	64.3	60.8	57.4	45.4	35.3	22.5	42.0*
1954	29.5	32.4	28.5	43.1	50.0	60.3	65.6	62.8	56.4	46.5	36.6	28.7	45.0
1955	21.6	19.9	28.2	37.2	46.6	54.8	64.5	62.5	57.6	46.8	29.9	26.8	41.4
1956	26.9	21.0	31.1	37.1	51.1	62.6M	62.6	59.1	59.8	46.7	27.7	27.1	42.7*
1957	21.5	30.4	29.3	33.7	43.2	54.7	62.1	61.0	53.7M	42.5	26.1	27.6	40.5*
1958	24.7	29.0	27.2	34.8	51.2	61.3	63.4	64.2	57.9	47.3	35.2	28.9	43.8
1959	23.8	24.3	27.3	36.8	46.6	61.0	64.0	61.5	53.4	41.7	31.8	31.5	42.0
1960	23.1	18.9	32.0	41.4	47.2	58.9	64.3	64.6	58.5	44.1	35.2	26.2	42.9
1961	28.5	26.4	30.7	35.4	48.5	59.6	62.7	61.7	48.0	43.9	30.5	20.0	41.3
1962	22.7	26.4	26.6	40.8	46.8	56.0	61.7	62.5	55.2	48.6	36.1	28.6	42.7
1963	19.5	27.8	28.9	38.9	50.5	59.1	65.3	59.5	58.6	50.5	36.0	24.2	43.2
1964	20.3	17.9	24.1	35.4	47.2	56.0	65.3	59.2	53.8	46.1	32.2	23.4	40.1
1965	25.4	25.0	23.8	38.3	44.9	53.5	62.2M	59.2	49.2	42.4	34.4M	29.5	41.2*
1966	21.4	20.3	34.3	38.5	50.4	58.2	66.9	62.2	56.0	44.4	35.1	26.3M	42.8*
1967	24.2	23.3	34.4M	39.1M	43.5M	53.1	63.0	60.4M	55.6	48.0	34.8	22.7M	41.8*
1968	29.2	28.9M	33.4	34.9	44.2	59.1M	62.2	58.6	52.4	46.2M	28.9	22.9	41.7*
1969	27.2	27.0	28.1	42.1	51.6	52.9	63.3	63.9M	55.7M	36.8	32.4	26.3	42.3*
1970	20.8	29.0	26.7	32.5	48.2	56.4	63.5M	63.2	52.4	37.6	30.7M	25.6	40.6*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952									30.6M	22.3M	4.8M	1.3M	
1953	7.3	10.7	8.2M	10.1	19.9M	32.1M	37.4	36.1	32.3	23.3	13.4	1.5	-64.8*
1954	8.0	8.9M	5.8	20.2	27.4	35.8	41.6	38.8	35.9	25.2	17.3	6.3	22.6*
1955	2.5	- 2.5	6.6	13.3	25.2	32.1	38.7	38.9	34.0	23.1	10.2	10.8	19.4
1956	13.0	1.0	7.6	14.8	28.3	36.4M	36.5	35.1	32.6	22.7	4.5	4.4	19.7*
1957	.3	10.1	6.1	12.8	20.6	29.6	36.8	36.2	28.0M	24.2	6.8	6.8	18.2*
1958	3.6	9.1	5.4	13.6	29.1	36.9	38.4	39.4	32.8	23.9	13.5	10.2	21.3
1959	4.3	4.8	5.9	14.9	26.2	35.8	37.6	38.2	30.2	20.7	9.9	10.8	19.9
1960	1.4	- 1.0	11.1	16.2	23.7	34.6	38.0	37.9	33.1	22.5	11.8	5.8	19.6
1961	4.8	5.4	9.6	14.7	25.8	34.8	37.0	38.3	27.7	21.7	8.9	.6	19.1
1962	.8	8.8	3.1	18.6	25.4	32.6	37.1	37.2	31.7	24.7	15.3	8.1	20.3
1963	.3	7.3	7.2	16.2	29.0	34.5	40.4	38.4	34.7	28.7	13.8	4.1	21.2
1964	.8	- 3.7	1.9	14.7	25.3	32.5	40.5	35.6	30.9	23.7	12.1	4.6	18.1
1965	7.9	2.9	2.8	16.4	24.5	31.7	37.8M	36.2	30.2	25.7M	15.2M	9.3	20.1*
1966	.1	.8	8.6	15.6	27.5	34.1	41.8	37.5	32.5	21.3	15.4	4.7M	19.9*
1967	5.8	3.3	13.0M	16.0M	22.8M	31.7	39.1	36.3M	31.1	23.6	12.5	1.1M	19.7*
1968	6.8	7.8M	7.6	10.7M	23.1	33.2M	37.4	36.0	28.8	23.0M	7.8	3.5	18.8*
1969	7.8	4.6	2.3	18.5	28.8	31.1	40.4	40.3M	32.1M	16.6	9.7	7.3	20.0*
1970	2.4	6.9	4.6	9.5	25.3	32.6	38.5M	39.0	30.4	15.5	12.4M	6.0	18.6*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951									44.2M	35.9M	17.2M	13.3M	
1952													
1953	17.1	11.7M	20.0M	22.1	31.1M	45.7M	50.9	48.5	44.9	34.4	24.4	12.0	30.2*
1954	18.8	20.7M	17.2	31.7	38.7	48.1	53.6	50.8	46.2	35.9	27.0	17.5	33.9*
1955	12.1	8.7	17.4	25.3	35.9	43.5	51.6	50.7	45.8	35.0	20.1	18.8	30.4
1956	20.0	11.0	19.4	26.0	39.7	49.5M	49.6	47.1	46.2	34.7	16.1	15.8	31.3*
1957	10.9	20.3	17.7	23.3	31.9	42.2	49.5	48.6	40.9M	33.4	16.5	17.2	29.4*
1958	14.2	19.1	16.3	24.2	40.2	49.1	50.9	51.8	45.4	35.6	24.4	19.6	32.6
1959	14.1	14.6	16.6	25.9	38.4	48.4	50.8	49.9	41.8	31.2	20.9	21.2	31.0
1960	12.3	9.0	21.6	29.1	35.5	46.8	51.2	51.3	45.8	33.3	23.5	16.0	31.3
1961	16.7	15.9	20.2	25.1	37.2	47.2	49.9	50.0	37.9	32.8	19.7	10.3	30.2
1962	11.8	17.6	14.9	29.7	36.1	44.3	49.4	49.9	43.5	36.7	25.7	18.4	31.5
1963	9.6	17.6	18.1	27.6	39.8	46.8	52.9	49.0	46.7	39.6	24.9	14.2	32.2
1964	8.8	7.1	13.0	25.1	38.3	44.3	52.9	47.4	42.4	34.9	22.2	14.0	29.1
1965	16.7	14.0	13.3	27.4	34.7	42.6	50.0M	47.7	39.7	37.1M	24.8M	19.4	30.6*
1966	10.8	9.8	21.5	27.1	39.0	46.2	54.4	49.9	44.3	32.9	25.3	15.5M	31.4*
1967	15.0	13.3	23.7M	27.6M	33.2M	42.4	51.1	48.4M	43.4	35.8	23.7	11.9M	30.6*
1968	18.0	18.4M	20.5	22.8M	33.7	46.2M	49.8	47.3	40.6	34.6M	18.4	13.2	30.3*
1969	17.5	15.8	15.2	30.3	40.2	42.0	51.9	52.1M	43.9M	26.7	21.1	16.8	31.1*
1970	11.6	18.0	15.7	21.0	36.8	44.5	51.0M	51.1	41.4	26.6	21.6M	15.8	29.6*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

COCHETOPA CREEK

05 1713 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	SEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	26.8	-6.1	10.4	52.	1969	8	-39.	1963	13	0.0	21.3	30.9	22.1	.79	.85	1969	26	10.2	38.	1952	26	1.8	.3	0.0
FEB	31.2	-2.3	14.5	53.	1954	13	-37.	1951	1	0.0	15.1	28.2	15.8	.66	.62	1962	9	8.0	35.	1952	1	2.9	.1	0.0
MAR	39.5	8.4	24.0	66.	1953	29	-25.	1966	5	0.0	7.0	30.9	8.3	.62	.75	1955	11	7.2	25.	1952	1	2.6	.1	0.0
APR	52.5	20.3	36.4	74.	1965	23	0.	1970	2	0.0	.3	28.6	.3	.72	.66	1958	8	3.9	22.	1952	1	2.2	.1	0.0
MAY	65.2	27.9	46.6	85.	1956	31	8.	1970	2	0.0	0.0	23.7	0.0	.81	1.00	1957	16	1.0	6.	1957	16	2.9	.2	.1
JUN	75.2	34.6	55.0	92.	1954	23	18.	1970	12	.1	0.0	10.3	0.0	.73	.95	1969	25	0.0	0.	0	0	2.2	.3	0.0
JUL	80.8	41.9	61.4	92.	1960	2	30.	1970	1	.3	0.0	.6	0.0	1.65	1.44	1968	28	0.0	0.	0	0	5.2	.7	.1
AUG	78.5	40.3	59.4	90.	1958	10	22.	1964	28	0.0	0.0	3.1	0.0	1.88	1.70	1955	4	0.0	0.	0	0	6.9	.8	.2
SEP	72.0	31.2	51.6	89.	1960	4	12.	1970	26	0.0	0.0	17.6	0.0	.85	.66	1970	6	.3	5.	1961	3	2.9	.3	0.0
OCT	61.0	21.1	41.1	79.	1957	1	1.	1968	18	0.0	0.0	28.9	0.0	.83	1.19	1969	4	2.3	10.	1969	5	2.9	.4	.1
NOV	43.5	10.0	26.7	64.	1965	1	-27.	1952	27	0.0	4.3	29.9	4.8	.56	.60	1951	12	6.3	11.	1952	14	2.4	0.0	0.0
DEC	30.2	-2.2	14.0	52.	1958	7	-34.	1961	12	0.0	17.9	31.0	19.0	.73	.69	1954	4	9.4	24.	1951	31	2.5	.2	0.0
ANNUAL	54.6	18.7	36.7							1.	66.	264.	70.	10.8				49.				37.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.09	.15	.26	.21	.15	.03	.43	.58	0.00	0.00	.20	.20	7.24
.10	.15	.22	.31	.28	.22	.07	.53	.75	.10	0.00	.25	.27	8.91
.20	.26	.31	.39	.38	.34	.15	.80	.95	.24	.26	.33	.38	9.79
.30	.37	.40	.46	.47	.45	.25	1.00	1.00	.36	.41	.45	.47	10.66
.40	.49	.48	.52	.56	.56	.36	1.24	1.47	.50	.55	.59	.56	11.25
.50	.67	.58	.58	.65	.68	.49	1.46	1.70	.65	.70	.52	.65	11.92
.60	.77	.68	.65	.74	.82	.66	1.71	2.03	.83	.86	.77	.76	12.74
.70	.96	.80	.70	.86	.90	.87	1.99	2.37	1.05	1.06	.67	.88	13.44
.80	1.22	.96	.97	1.01	1.00	1.18	2.37	2.96	1.35	1.32	.77	1.04	14.99
.90	1.44	1.21	.97	1.24	1.20	1.71	2.96	3.73	1.55	1.74	.93	1.29	
.95	2.05	1.45	1.10	1.46	1.89	2.24	3.52	3.78	2.34	2.14	1.08	1.52	
ALPHA	1.50	2.55	5.52	3.33	2.09	.94	2.84	3.47	1.42	2.00	4.19	3.06	20.83
BETA	.52	.26	.11	.21	.39	.78	.58	.54	.63	.46	.13	.24	0.52
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.38	.96	.43	1.23	.50	.30	1.28	1.57	.42	.19	1.26	2.01	10.53
1952	1.75	.32	.65	.65	.60	.10	2.26	1.66	1.09	.00	.27	.35	9.70
1953	.59	.27	.77	1.25	.91	.64	2.30	.98	.00	.95	.65	.35	9.66
1954	.11	.20	.37	.18	1.55	.06	2.72	.72	1.94	.70	.52	.98	10.05
1955	.22	.56	.82	.42	1.42	.22	1.63	3.86	.09	.24	.61	.44	10.53
1956	1.82	.66	.33	1.20	.48	.63	.49	.95	.17	.96	.64	.60	8.96
1957	2.53	.80	.42	.69	3.30	1.14	1.91	3.27	.11	1.30	.67	.45	16.59
1958	.24	1.12	.87	1.28	.23	.77	.38	1.56	.68	.48	.24	.76	8.63
1959	.31	.73	.53	1.00	.92	.59	1.43	2.09	1.02	1.23	.29	.27	10.41
1960	.52	1.18	.91	.79	.45	.37	.41	.41	.22	.56	.48	.51	6.81
1961	.13	.78	.69	.88	.77	.18	.80	1.84	1.34	.98	.64	.58	9.61
1962	.82	1.54	.34	.73	.45	.05	1.44	.70	1.32	1.09	.44	.19	9.11
1963	1.61	.78	.80	.20	.49	1.03	.74	3.29	1.30	1.19	.37	.65	12.45*
1964	.69	.57	1.19	.47	1.08	.53	1.94	2.13	.74	.00	.64	1.49	11.47
1965	.52	.71	1.18	.44	.47	1.19	3.34	1.95	1.19	.55	1.20	.38	13.12
1966	.33	.29	.40	.71	.92	1.38	1.54	.90	.06	.55	.35	1.39	8.82
1967	.35	.26	.38	.15	.35	1.34	.86	2.55	1.59	.48	.51	.92	9.74
1968	.38	.89	.29	.76	.82	.02	3.75	2.51	.74	.23	.67	.57	11.63
1969	1.79	.52	.38	.50	.13	3.75	2.50	1.50	1.40	4.11	.13	1.11	17.62
1970	.65	.06	.61	.79	.29	.30	1.31	3.02	1.58	.85	.65	.61	10.72

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							5.0	9.0	4.0	2.5	T	T	
51-52	.0	.0	.0	T	16.0	25.0	25.0	3.0	6.0	3.0	.0	.0	78.0
52-53	.0	.0	.0	.0	2.0	4.0	7.5	3.0	7.0		T	.0	
53-54	.0	.0	.0		6.0	6.0	1.0	2.0		.0	T	.0	
54-55	T	.0	.0	.0	6.0	12.0	4.0	8.5	11.0	1.0	.0	.0	42.5
55-56	.0	.0	.0	1.0	7.0	6.5	23.0	9.0	4.0	4.0	T	.0	54.5
56-57	.0	.0	.0	2.0	7.0	10.0	31.0	7.0	5.0	4.5	9.0	.0	75.5
57-58	.0	.0	.0	1.0	8.0	6.5	2.5	18.5	13.0	13.0	.0	.0	62.5
58-59	.0	.0	.0	T	3.0	9.0	6.5	10.0	5.0		.0	.0	
59-60	.0	.0	2.0	2.0	4.0	5.0	8.5	13.0	11.5	3.0	1.0	.0	50.0
60-61	.0	.0	.0	1.0	3.0	9.5	2.0	10.0	5.5	8.0	T	.0	39.0
61-62	.0	.0	5.0	4.5	11.0	9.0	13.5	17.5	6.0	6.0	T	.0	72.5
62-63	.0	.0	.0	.0	1.0	2.0	15.0	4.5		1.0	.0	.0	
63-64	.0	.0	.0	.0	3.5	9.0	8.0			4.0	4.0	.0	
64-65	.0	.0	.0	.0	8.0	17.0	6.0	11.0	15.0	T	1.0	.0	58.0
65-66	.0	.0	.0		18.5	3.5	6.0	4.0	5.5	7.0	4.0	.0	
66-67	.0	.0	.0	T	3.0	4.0	4.0	3.0		T	T	.0	
67-68	.0	.0	.0	T	8.0	14.0	6.0	11.0	2.0	3.0	1.0	.0	45.0
68-69	.0	.0	.0	T	6.0	10.0	21.0	8.0	8.0	2.0	.0	.0	55.0
69-70	.0	.0	.0	28.0	2.0	15.0	8.0	T	7.0	9.0	T	.0	69.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.0	29.1	39.5	51.6	64.0M	72.6M	82.0	75.9	74.2	58.9	34.5	23.2M	52.6*
1952	21.0	22.4	34.1	51.7	64.4	77.0	77.4	76.5	73.3	66.9	40.7	26.8	52.7
1953	32.5	29.8	43.8	50.7M	59.0	77.2	79.2	77.5	76.1	61.5	45.0	29.7	55.2*
1954	35.3	45.0	43.6	61.7	68.0	77.7	81.0M	78.8	71.8	63.0M	50.8	18.4	57.9*
1955	21.8	22.0	38.2	50.6	62.5M	71.8	80.6	79.1	75.8	63.6	39.7M	29.8	53.0*
1956	33.9	23.3	36.4	52.7M	69.5	79.7M	81.3	78.1M	76.7	61.6	36.4	25.5	54.8*
1957	25.5	31.9	37.7	49.6	58.3	72.3	77.4	77.4	71.9	57.6	37.9	31.7	
1958	25.0	35.9	38.2	50.1	71.0	79.2	82.1	82.9	73.2	63.8	46.1	39.2M	57.2*
1959	30.6	34.6	41.8	53.3	66.5	78.6	81.6	76.8	71.0	59.2	46.1	39.5	56.6
1960	29.3	29.2	43.0M	55.1	64.5	77.6	82.5	82.5	75.4	60.3	45.6	31.5	56.4*
1961	28.5	38.1	44.0	52.0	67.6	80.3	83.3	81.8	66.3	60.5	40.9	28.5	56.0
1962	22.4	34.5	33.1	57.7	65.3	75.7	79.1	81.1	73.2	65.4	50.6	39.3	56.5
1963	27.4	37.8	43.9M	53.2M	69.8	77.6	84.5	77.5	75.4	68.4	47.3	30.3	57.8*
1964	22.5	26.2	33.5	47.2	63.3	72.6	82.5	76.8	69.6	64.9	44.2	29.7	52.8*
1965	26.2	29.6	36.1	53.7	62.9	71.1	77.5	77.0	66.5	65.0	46.0	27.0	53.2
1966	16.4	23.1	39.5	53.0	66.8	73.1	80.7	79.0	71.4	56.3	46.8	31.5	53.1
1967	30.9	36.5	48.8	56.3	62.9	71.5	81.2	77.7	69.0	61.8	47.8	28.3	56.1
1968	20.3	32.8	41.8	48.9	62.6	77.4	78.8	73.1	69.0	61.6	37.6M	29.9	52.8*
1969	34.0	24.1	33.2	54.6	69.2	68.6	79.6	81.5	70.9	47.4	41.1	32.7	53.1
1970	26.5	37.4	39.6	47.1	66.3	72.8	80.2	78.6	66.9	52.7	44.2	31.5	53.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 4.7	- 2.2	8.8	23.8	30.0	32.3M	42.6	39.1	29.8	21.5	4.7	- 4.6M	18.4*
1952	- 8.9	-11.6	1.9	21.1	30.9	37.9M	42.3	42.4	34.2	20.9	8.1	- 3.7	18.0*
1953	1.6	- 3.0	14.2	21.9M	28.1	38.0	45.0M	40.4	30.2	23.2	15.5	- 1.2	21.2*
1954	1.7	9.8	14.2	24.2	31.7	36.9	47.3	42.4	37.0	27.4	15.5	-11.9	23.0
1955	- 9.3	-11.0	7.7	18.6	29.3	34.7	41.5	46.1	32.4	19.7	7.5M	2.5	18.3*
1956	4.8	- 8.8	4.5	20.6M	30.0	36.1M	40.9	37.0M	29.4	20.8	2.8	- 7.9	17.5*
1957	- 2.3	2.9	11.1	22.2	29.4	34.8	43.4	43.4	28.5	25.2	8.8	- .7	
1958	- 9.6	5.1	9.9	19.5	30.0	35.9	39.5	42.2	34.8	22.2	10.2	5.8M	20.5*
1959	- 4.2	1.9	10.6	20.5	28.0	38.4	41.0	41.2	31.5	21.3	9.3	2.5	20.2
1960	- 4.7	- 2.4	12.2M	22.0	25.1	33.2	39.4	36.7	33.1	22.6	8.6	- .5	18.8*
1961	-10.0	2.9	14.7	21.0	29.2	36.8	41.4	43.5	30.7	21.7	9.8	- 4.1	19.8
1962	-11.1	3.1	.7	23.9	26.6	33.0	38.4	35.1	32.3	22.7	14.2	3.3	18.5
1963	- 8.8	3.0	11.1M	19.1M	30.2	34.6	42.4	44.5	34.6	25.7	11.8	- 8.0	20.0*
1964	-16.4	-13.5	.3	17.8	25.2	31.3	40.7	36.3	27.3	17.4	12.1	.6	14.9
1965	- 1.2	- 4.5	6.9	22.2	26.9	33.8	43.2	38.2	30.4	18.4	11.7	- 5.4	18.4
1966	-17.9	-11.4	5.6	18.2	26.6	33.7	41.8	37.4	29.6	16.3	10.6	- 1.5	15.8
1967	- 4.0	.8	14.3	16.1	24.2	34.2	45.1	38.9	32.6	20.1	10.6	- 1.8	19.3
1968	-12.2	2.9	9.4	18.4	25.6	33.7	41.4	39.3	26.7	18.5	7.5	- 3.5	17.3
1969	.3	-11.0	.3	20.5	28.3	32.8	42.1	41.8	32.8	19.0	8.1	.5	18.0
1970	- 5.9	1.6	11.0	14.3	23.7	30.3	40.2	40.5	27.0	17.4	12.0	- 4.0	17.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNU
1951	10.7	13.5	24.2	37.7	47.0M	52.5M	62.3	57.5	52.0	40.2	19.6	9.3M	35.5*
1952	6.1	5.4	18.0	36.4	47.7	57.5M	59.9	59.5	53.8	43.9	24.4	11.6	35.4*
1953	17.1	13.4	29.0	36.3M	43.6	57.6	62.1M	59.0	53.2	42.4	30.3	14.3	38.2
1954	18.5	27.4	28.9	43.0	49.9	57.3	64.2M	60.6	54.4	45.2M	33.2	3.3	40.5
1955	6.3	5.5	23.0	34.6	45.9M	53.3	61.1	62.6	54.1	41.7	23.6M	16.2	35.7
1956	19.4	7.3	20.5	36.7M	49.8	57.9M	61.1	57.6M	54.1	41.2	19.6	8.8	36.2*
1957	11.6	17.4	24.4	35.9	43.9	53.6		60.4	50.2	41.4	23.4	15.5	
1958	7.7	20.5	24.1	34.8	50.5	57.6	60.8	62.6	54.0	43.0	28.2	22.5M	38.9
1959	13.2	18.3	26.2	36.9	47.3	58.5	61.3	59.0	51.3	40.3	27.7	21.0	38.4
1960	12.3	13.4	27.6M	38.6	44.8	55.4	61.0	59.6	54.3	41.5	27.1	15.5	37.6
1961	9.3	20.5	29.4	36.5	48.4	58.6	62.4	62.7	48.5	41.1	25.4	12.2	37.9
1962	5.7	18.8	16.9	40.8	46.0	54.4	58.8	58.1	52.8	44.1	32.4	21.3	37.5
1963	9.3	20.4	27.7M	36.2M	50.0	56.1	60.5	61.0	55.0	47.1	29.6	11.2	38.9
1964	3.1	6.4	26.6	32.5	44.3	52.0	60.6	56.6	48.5	41.2	28.2	15.2	33.9
1965	12.5	12.6	21.5	38.0	44.9	52.5	60.4	60.6	48.5	41.7	28.9	10.8	35.8
1966	.8	5.9	22.6	35.6	46.7	53.4	61.3	58.2	50.5	36.3	28.7	15.0	34.5
1967	13.5	18.7	31.6	36.2	43.6	52.9	63.2	58.3	50.8	41.0	29.2	13.3	37.7
1968	4.1	17.9	25.6	33.7	44.1	55.6	60.1	56.2	47.9	40.1	22.6M	13.2	35.1
1969	17.2	6.6	16.8	37.6	48.8	50.7	60.9	61.7	51.9	33.2	24.6	16.6	35.6
1970	10.3	19.5	25.3	30.7	45.0	51.6	60.2	59.6	47.0	35.1	28.1	13.8	35.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

COLORADO NATL MON

05 1772 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN; NO OF DAYS			SNOW, SLEET				MEAN; NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	37.2	18.7	28.0	55.	1956	7	-18.	1963	13	0.0	8.1	29.6	.9	.86	.85	1951	29	11.7	30.	1957	29	3.1	.2	0.0
FEB	42.8	22.8	32.8	64.	1962	11	-10.	1951	1	0.0	2.7	24.6	.4	.75	.80	1961	18	6.1	30.	1957	1	2.5	.3	0.0
MAR	51.0	28.1	39.5	73.	1953	28	3.	1955	21	0.0	.6	21.5	0.0	.94	.79	1970	3	6.8	8.	1965	4	3.0	.5	0.0
APR	63.1	36.8	50.0	85.	1962	19	16.	1970	14	0.0	0.0	10.2	0.0	.89	1.40	1965	27	1.6	2.	1970	21	3.1	.4	.1
MAY	74.6	47.3	61.0	92.	1969	28	21.	1965	11	.5	0.0	1.3	0.0	.74	.62	1967	26	0.0	0.	0	0	2.4	.2	0.0
JUN	85.2	56.5	70.9	103.	1963	28	33.	1966	12	9.1	0.0	0.0	0.0	.65	1.61	1969	24	0.0	0.	0	0	2.0	.2	.1
JUL	91.7	63.3	77.5	102.	1958	12	41.	1957	23	23.1	0.0	0.0	0.0	.78	.89	1970	22	0.0	0.	0	0	2.5	.3	0.0
AUG	87.6	61.2	73.9	102.	1969	10	40.	1968	23	12.4	0.0	0.0	0.0	1.69	2.55	1957	6	0.0	0.	0	0	4.1	.7	.4
SEP	79.2	52.8	66.0	100.	1960	12	28.	1965	18	1.5	0.0	.2	0.0	.96	.97	1962	22	.3	0.	0	0	2.9	.5	0.0
OCT	66.2	41.8	54.1	88.	1957	1	21.	1954	27	0.0	3.0	3.8	0.0	1.03	1.11	1953	23	.6	4.	1970	7	3.1	.5	0.0
NOV	49.2	29.5	39.3	72.	1964	1	2.	1952	27	0.0	1.3	19.0	0.0	.88	.77	1970	26	4.8	8.	1955	17	2.9	.3	0.0
DEC	38.2	21.6	29.5	61.	1955	24	-3.	1954	30	0.0	6.8	29.4	.3	.91	1.62	1966	6	8.9	12.	1967	19	2.3	.2	.1
ANNUAL	63.6	39.6	51.6							47.	19.	140.	2.	11.1				41.				34.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.17	.18	.07	.17	0.00	0.00	.17	.23	.06	0.00	.33	.09	6.19
.10	.29	.26	.12	.25	.13	.07	.24	.36	.12	0.00	.51	.25	7.55
.20	.41	.46	.24	.38	.26	.17	.36	.60	.24	.36	.72	.48	8.21
.30	.55	.56	.37	.50	.37	.27	.46	.84	.37	.54	.81	.60	9.11
.40	.70	.66	.52	.62	.48	.36	.54	1.08	.57	.77	.87	.70	9.76
.50	.87	.78	.68	.75	.61	.49	.67	1.36	.66	.95	.81	.84	10.46
.60	1.09	.91	.88	.90	.75	.63	.80	1.67	.90	1.13	.85	.84	11.62
.70	1.38	1.09	1.14	1.08	.92	.80	.94	2.06	1.16	1.35	1.05	1.11	12.53
.80	1.87	1.37	1.49	1.32	1.14	1.04	1.13	2.59	1.52	1.62	1.21	1.43	13.79
.90	2.35	1.63	2.08	1.70	1.51	1.43	1.44	3.44	2.14	2.05	1.46	1.96	15.58
.95			2.67	2.06	1.87	1.82	1.73	4.28	2.75	2.44	1.69	2.48	17.16
ALPHA	1.45	2.68	1.14	2.16	1.84	1.34	2.44	1.63	1.12	3.08	4.16	1.33	10.84
BETA	.61	.28	.82	0.00	.42	.51	.32	1.04	.85	.39	.21	.69	1.02
Q	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.74	.87	.12	.62	.58	.41	.19	2.39	.26	1.03	.50	2.85	11.56
1952	.78	.48	.83	.58	1.00	.45	.76	1.09	1.18	.00	1.05	.55	8.75
1953	.59	.35	2.05	.79	.89	.19	.99	1.62	.03	2.39	.82	.30	11.01
1954	.62	1.02	1.05	.62	.39	.23	1.16	.39	2.12	1.26	1.74	.41	11.01
1955	.76	1.18	.02	.68	1.12	.93	.69	1.32	.41	.18	1.29	.35	8.93
1956	1.58	.46	.47	.44	.57	.39	.61	.37	.03	.72	.59	.70	6.93
1957	2.60	.97	1.84	2.63	2.39	1.06	1.35	6.66	.19	2.49	1.75	.66	24.59
1958	.47	.88	1.08	.15	.77	.12	.34	1.12	.84	.00	.77	.10	6.64
1959	.63	.55	.11	.95	.44	.52	.27	1.08	1.10	.93	.33	1.55	8.46
1960	.58	1.54	1.46	.61	.41	.42	.140	.44	.52	.61	.66	.37	7.76*
1961	.01	.80	1.55	1.11	.99	.00	.27	2.12	3.02	.96	.81	.45	12.09
1962	.33	1.56	.14	.90	.30	.45	.48	.18	1.88	.63	.37	.78	8.00
1963	.700	.71	1.47	.42	.10	.45	1.50	3.07	.85	.91	.44	.09	10.71*
1964	.25	.11	1.24	1.30	.50	.64	.62	2.03	.58	.00	1.08	.78	9.74
1965	1.09	1.11	1.27	2.07	.72	.94	1.36	.93	2.39	1.91	1.61	.92	16.32
1966	.64	.45	.13	1.07	.72	.11	1.27	.61	.84	1.44	.74	3.49	11.51
1967	.31	.22	.75	.13	2.34	2.37	.76	1.30	.42	.53	.59	2.49	12.25
1968	.20	1.19	.22	1.59	.41	.04	.43	4.24	.26	1.03	.35	.64	10.60
1969	2.52	.38	.87	.25	.09	2.08	.53	1.44	1.28	2.16	.95	.35	12.90
1970	.790	.23	2.00	.84	T	1.15	1.80	1.32	.92	1.46	1.21	.45	12.17*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							24.0	9.7	1.5	T	.0	T	
51-52	.0	.0	.0	1.5	1.7	20.0	12.0	8.0	12.5	.0	.0	.0	55.7
52-53	.0	.0	T	.0	9.3	7.7	6.0	2.6	14.0	1.0	T	.0	40.6
53-54	.0	.0	.0	T	1.6	8.4	4.2	.6	3.4	T	.0	T	18.2
54-55	.0	.0	.0	T	10.0	3.0	17.4	19.0	T	5.0	T	.0	54.4
55-56	.0	.0	.0	2.0	10.0	5.2	11.5	14.0	7.5	1.0	T	.0	51.2
56-57	.0	.0	.0	T	13.0	12.5	62.5	1.5	12.0	8.0	.0	.0	109.5
57-58	.0	.0	.0	.0	3.0	4.7	5.5	8.0	1.0	.0	.0	.0	
58-59	.0	.0	.0	.0	.5	.8	5.0	.0	T	.0	.0	.0	
59-60	.0	.0	.0	.0	.0	8.5	8.0	.0	6.0	T	T	.0	
60-61		.0	.0	.0	.0	7.0	.3	6.5	2.5	.0	.0	.0	
61-62	.0	.0	.0	.5	3.0	8.0	6.0	9.0	2.0	5.0	.0	.0	33.5
62-63	.0	.0	.0	.0	4.0	9.5	9.5	.0	17.0	1.0	.0	.0	
63-64	.0	.0	.0	T	1.0	4.5	12.0	1.5	16.5	1.0	.0	.0	36.5
64-65	.0	.0	.0	.0	17.5	7.5	10.5	11.5	7.3	T	.0	.0	54.3
65-66	.0	.0	5.0	.0	5.5	8.5	9.0	4.1	2.3	3.0	T	.0	37.4
66-67	.0	.0	.0	3.0	5.0	8.5	5.5	T	5.0	T	T	.0	27.0
67-68	.0	.0	.0	T	5.0	30.6	4.8	7.2	.0	1.0	T	.0	48.6
68-69	.0	.0	.0	.0	3.0	14.0	13.0	1.0	12.5	.0	.0	.0	43.5
69-70	.0	.0	.0	.0	.7	4.1	6.0	T	.0	5.3	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.8M	41.0M	51.2M	64.3M	73.9	82.7M	93.5	86.5	80.8M		44.0	34.8M	
1952	36.1	38.8	43.7	64.9M	75.5M	86.1M	90.7M	87.3M	81.9	71.7	45.4	36.8M	63.2*
1953	41.2M	41.7	54.2M	55.8M	67.4	86.5M	91.3	83.9	82.7M	64.9M	50.2M	36.3	63.3*
1954	40.5	51.1	49.8	69.1	77.7	84.9M	91.4M	87.6	78.8	67.8M	53.0	36.5	65.7*
1955	33.1	33.0	49.3	55.8	72.3	82.3	92.7	86.3M	82.4	67.4M	44.2M	43.9M	62.4*
1956	43.6	39.1M	55.3M	62.9	76.5	89.0	88.8	82.8	80.9	64.2	40.7	33.0	63.1*
1957	31.6	40.3	48.8	55.0	65.4	85.6M	87.4	82.8M	78.8M	62.3M	42.7M	39.5M	60.0*
1958	38.9M	46.5M	46.8M	57.2M	75.9M	85.8M	92.0M	78.2M	69.4M	52.1M	52.1M	43.5M	
1959	38.7	42.9	53.2M	65.4M	74.6M	90.1M	93.7M	87.7	74.8	62.9	48.5	39.4	64.3*
1960	34.6	37.8M	52.8	66.2	72.6	88.0		91.6	85.0	68.0M	54.9M	41.4	
1961	42.3	48.8	52.0	65.9	77.8	92.3	93.1	89.0	70.2	62.9M	46.0M	32.5M	64.4*
1962	35.5M	44.5M	47.8M	70.1	74.5	87.5	92.6	92.4	80.4	69.2	54.3	42.4	65.9*
1963	28.1	48.9	51.6	63.0	79.9	85.1	95.0	86.5	82.4	72.3	52.4	40.0	65.4
1964	36.7	38.6	45.4	62.6	74.8	83.9	95.9	86.3	78.6	72.0	47.4	37.5	63.3
1965	40.7	42.4	48.0	61.7	70.5	79.9	88.1	86.8M	72.3	68.9	54.4	39.2	62.7*
1966	36.1M	37.8M	55.4	66.7	78.1	84.8	93.2	90.4	80.6	64.3	53.9	39.5	65.1*
1967	36.1M	47.2	58.1	63.1	71.8	77.6M	89.8	88.7	80.4M	68.6	54.0	31.7	63.9*
1968	34.5	44.8	55.4	57.8	71.7	87.4	91.5M	82.1M	77.7	65.7	48.0	36.2	62.7*
1969	40.8	40.5	50.5	67.8	80.2	81.3	92.0	93.7	81.5	56.3	48.2	41.3	64.5
1970	37.4	50.8	49.9	58.4	76.6	82.7	89.5	89.9	76.4	58.6	48.8	39.3	63.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	18.8M	21.7M	28.4M	38.5M	49.1	54.9M	66.2	61.5	54.5M		27.8	19.4M	
1952	21.3	22.1	26.7	40.9M	49.8M	59.8M	63.3M	60.8M	54.7	40.8	25.1	19.5M	40.4*
1953	23.2M	21.0	30.0M	35.5M	42.5	57.6M	63.3	57.0	55.9M	41.8M	31.2M	17.8	39.7*
1954	23.1	29.2	26.7M	41.1	47.4	51.4	63.9M	57.7	50.6	39.5M	28.4	15.3	39.5*
1955	11.8	8.5	21.5	34.9	47.3	55.5	65.9	63.1M	57.0	44.7M	26.4M	29.1M	38.8*
1956	28.8	21.1M	30.1M	39.9	51.2	61.8	63.3	60.1	58.2	45.0	24.8	18.9	41.9*
1957	19.7	26.5	31.0	36.5	44.3	57.0M	60.5	58.5M		26.4M	21.4M		
1958	21.5M	29.0M	29.4M	34.7M	46.5M	59.6M	63.7M	29.4M	53.1M	41.3M	29.0M	25.5M	
1959	17.3	21.3	29.1M	37.2M	50.3M	60.9M	65.0M	61.1	53.1	39.0	26.6	22.8	40.3*
1960	15.5	16.8M	29.2	38.1	44.9	57.9		62.6	54.8	41.4M	31.1M	21.4	
1961	16.9	24.8	30.3	36.3	46.8	61.6	63.6	62.1	46.3	41.5M	27.4M	16.3M	39.7*
1962	16.6M	27.5M	24.5M	41.9	47.8	57.5	61.8	61.0	54.5	46.1	35.0	23.2	41.5*
1963	8.0	29.0	29.5	38.8	53.9	57.2	64.8	60.5	58.2	49.3	34.4	21.6	42.1
1964	18.0M	17.6	23.9	37.0	47.3	55.0	65.0	59.7	52.4	45.5	27.6	19.9	39.1*
1965	22.1	19.9	23.7	34.2	43.4	51.9	59.7	57.9	46.0	41.4	34.1	21.9	38.0
1966	14.6M	16.7M	28.2	35.1	48.3	55.6	64.2	60.8	52.9	39.7	32.5	20.2	39.1*
1967	16.7M	22.9	34.3	34.0	40.9	50.9M	60.5	57.5	50.6M	41.4	30.4	11.8	37.7*
1968	12.5	26.2	29.0	30.1	42.4M	53.1	60.1	53.1	47.4	40.1	29.5	17.1	36.7*
1969	23.3	23.6	27.0	40.3	52.8	52.9	64.1	63.8	51.8	34.8	29.7	25.5	40.8
1970	21.8	30.5	28.8	31.1	48.8	58.3	64.2	65.4	50.4	36.3	32.5	24.4	41.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.8M	31.4M	39.8M	51.4M	61.5	68.8M	79.9	74.0	67.7M		35.9	27.1M	
1952	28.7	30.5	35.2	52.9M	62.7M	73.0M	77.0M	74.1M	68.3	56.3	35.3	28.2M	51.9*
1953	32.2M	31.4	42.1M	47.7M	55.0	72.1M	77.3	70.5	69.3M	53.4M	40.7M	27.1	51.6*
1954	31.8	40.2	38.3M	55.1	62.6	68.2M	77.7M	72.7	64.7	53.7M	40.7	25.9	52.6*
1955	22.5	20.8	35.4	47.4	59.8	68.9	79.3	75.7M	69.7	56.1M	35.3M	36.5M	50.6*
1956	36.2	30.1M	42.7M	51.4	63.9	75.4	76.1	71.5	69.6	54.6	32.8	26.0	52.5*
1957	25.7	33.4	39.9	45.8	54.9	71.3M	74.0	70.7M			34.6M	30.5M	
1958	30.2M	37.8M	38.1M	46.0M	63.2M	72.7M	77.9M		65.7M	55.4M	40.6M	34.5M	
1959	28.0	32.1	41.2M	51.3M	62.5M	75.5M	79.4M	74.4	64.0	51.0	37.6	31.1	52.3*
1960	25.1	27.3M	41.0	52.2	58.8	73.0		77.1	69.9	54.7M	43.0M	31.4	
1961	31.1	36.8	41.2	51.1	62.3	77.0	78.4	75.6	58.3	52.2M	36.7M	24.4M	52.1*
1962	26.1M	36.0M	36.2M	56.0	61.2	72.5	77.2	76.7	67.5	57.7	44.7	32.8	53.7*
1963	18.1	39.0	40.6	50.9	66.9	71.2	79.9	73.5	70.3	60.8	43.4	30.8	53.8
1964	27.4M	28.1	34.7	49.8	61.1	69.5	80.5	73.0	65.5	58.8	37.5	28.7	51.2*
1965	31.4	31.2	35.9	48.0	57.0	65.9	73.9	72.4M	59.2	55.2	44.3	30.6	50.4*
1966	25.4M	27.3M	41.8	50.9	63.2	70.2	78.7	75.6	66.8	52.0	43.2	29.9	52.1*
1967	26.4M	35.1	46.2	48.6	56.4	64.3M	75.2	73.1	65.5M	55.0	42.2	21.8	50.8*
1968	23.5	35.5	42.2	44.0	57.1M	70.3	75.8M	67.6M	62.6	52.9	38.8	26.7	49.8*
1969	32.1	32.1	38.8	54.1	66.5	67.1	78.1	78.8	66.7	45.6	39.0	33.4	52.7
1970	29.6	40.7	39.4	44.8	62.7	70.5	76.9	77.7	63.4	48.5	40.7	31.9	52.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

COLORADO SPGS WBAP 05 1778 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	43.5	16.2	29.9	69.	1956	5	-26.	1951	31	0.0	6.0	30.0	2.7	.28	.62	1956	29	4.1	9.	1956	29	1.0	.1	0.0
FEB	45.3	18.6	32.0	76.	1963	5	-27.	1951	1	0.0	4.8	26.7	1.6	.33	.45	1957	28	4.6	6.	1966	10	1.2	0.0	0.0
MAR	48.1	22.2	35.2	80.	1963	28	-11.	1956	12	0.0	5.0	27.3	.7	.74	.59	1964	7	9.1	11.	1964	7	2.4	.1	0.0
APR	59.2	31.8	45.6	81.	1960	21	-3.	1959	10	0.0	.9	15.6	.1	1.18	1.82	1967	13	7.5	18.	1957	7	2.9	.7	.2
MAY	69.2	42.4	55.8	92.	1964	25	21.	1954	2	0.0	0.0	2.3	0.0	2.20	2.23	1955	18	1.4	5.	1957	16	4.9	1.4	.5
JUN	79.3	50.9	65.1	100.	1954	23	32.	1951	3	3.9	0.0	0.0	0.0	2.17	2.65	1970	20	0.0	0.	0	0	4.9	1.1	.6
JUL	85.1	57.0	71.0	100.	1954	13	42.	1952	8	8.7	0.0	0.0	0.0	3.00	3.00	1951	22	0.0	0.	0	0	7.5	2.1	.3
AUG	82.7	55.2	69.0	99.	1954	3	43.	1968	30	4.6	0.0	0.0	0.0	2.41	2.98	1970	20	0.0	0.	0	0	5.6	1.1	.2
SEP	75.3	46.9	61.1	94.	1960	2	26.	1959	30	1.0	0.0	.7	0.0	1.29	1.38	1959	29	1.7	17.	1959	30	3.4	.9	.4
OCT	64.5	36.5	50.5	86.	1964	1	5.	1969	13	0.0	.2	8.5	0.0	.87	1.54	1960	18	2.9	20.	1959	1	2.4	.4	.1
NOV	51.2	24.6	38.0	74.	1964	8	-8.	1955	16	0.0	3.0	24.5	.5	.51	.75	1956	19	5.0	6.	1957	17	1.8	.1	0.0
DEC	44.9	18.3	31.6	77.	1955	23	-13.	1961	12	0.0	5.2	29.6	1.1	.25	.42	1963	21	3.9	8.	1967	15	1.2	0.0	0.0
ANNUAL	62.4	35.0	48.7							18.	25.	165.	7.	15.2				40.				39.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.07	.11	.05	.37	.24	1.04	.53	0.00	.03	0.00	0.00	8.60
.10	0.00	.10	.17	.11	.57	.41	1.33	.75	.41	.07	.07	.03	9.77
.20	.07	.15	.28	.24	.69	.71	1.74	1.10	.64	.17	.16	.07	11.33
.30	.11	.19	.38	.40	1.19	1.01	2.08	1.42	.83	.28	.24	.11	12.55
.40	.16	.23	.49	.58	1.50	1.34	2.42	1.74	1.00	.41	.32	.15	13.66
.50	.22	.28	.60	.80	1.84	1.70	2.75	2.08	1.17	.57	.41	.19	14.76
.60	.28	.35	.74	1.07	2.22	2.05	3.13	2.46	1.36	.77	.51	.25	15.91
.70	.35	.40	.90	1.41	2.69	2.55	3.56	2.82	1.59	1.03	.63	.31	17.21
.80	.45	.48	1.12	1.75	3.17	3.03	4.12	3.28	1.88	1.41	.80	.40	18.87
.90	.61	.61	1.47	2.25	3.69	3.57	4.77	3.82	2.32	1.80	1.07	.54	21.21
.95	.77	.73	1.82	3.00	4.29	4.71	5.76	4.39	2.74	2.00	1.33	.68	23.33
ALPHA	1.54	2.38	1.78	.94	1.93	1.46	4.12	2.41	3.29	.89	1.65	1.47	11.30
BETA	.20	.14	.41	1.25	1.14	1.49	.73	1.00	.41	.97	.32	.18	1.35
Q	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.59	.22	.36	.31	1.54	1.38	4.42	4.31	.85	1.52	.53	.11	16.14
1952	.04	.10	1.13	1.36	2.21	.37	1.19	3.79	.37	.04	.23	.13	10.96
1953	T	.13	.21	1.58	1.33	1.30	2.19	1.88	T	.74	.57	.23	10.16
1954	.22	.06	.59	.62	2.57	3.69	3.13	1.98	1.91	.22	.23	.21	15.43
1955	.29	.57	.32	.33	4.88	.43	2.34	2.46	1.35	.01	.30	.08	13.36
1956	1.12	.19	.84	1.10	.88	.41	3.03	1.42	.59	.14	.91	.30	10.93
1957	.45	.48	.56	5.90	5.67	1.08	3.65	1.78	1.25	2.02	2.21	.02	25.07
1958	.09	.28	1.29	.99	4.79	3.01	4.42	1.20	1.38	.58	.22	.20	18.45
1959	.43	.47	1.19	2.03	3.48	1.61	.94	2.63	3.58	.97	.05	.03	17.41
1960	.11	.73	.95	.59	1.61	.93	2.22	.78	.61	1.97	.23	.54	11.27
1961	.14	.65	1.21	.56	.64	3.86	2.14	2.26	1.91	.98	.44	.43	15.42
1962	.42	.34	.88	.44	.63	3.36	1.60	.15	.41	.97	.85	.03	10.12
1963	.53	.20	.62	.02	.77	1.22	1.35	5.22	1.84	.39	.46	.62	13.24
1964	T	.22	1.08	.01	2.54	.96	1.14	.60	1.33	.03	.46	.22	8.59
1965	.14	.72	1.12	1.61	1.81	8.00	5.02	3.83	2.24	.49	T	.45	25.43
1966	.39	.49	.01	.79	.95	2.56	2.91	2.00	2.12	.36	.16	.17	12.91
1967	.21	.15	.18	2.04	2.18	2.74	5.26	3.09	.73	1.68	.25	.67	19.28
1968	.10	.22	.37	.54	.62	.15	5.27	2.12	1.03	.43	1.32	.24	12.41
1969	.11	.12	.77	1.83	4.46	2.72	3.90	2.38	1.13	2.86	.39	.32	20.99
1970	.05	.17	1.06	.91	.33	3.63	3.79	4.24	1.09	.95	.27	T	16.49

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51	T	T	.8	3.3	5.9	1.3	7.7	2.5	3.5	1.3	T	.1	29.2
51-52	T	T	T	T	3.5	1.8	.2	1.1	15.1	1.2	.3	T	24.8
52-53	T	.2	T	T	T	T	T	1.9	2.7	11.5	3.2	T	25.4
53-54	T	.0	.0	1.9	5.9	3.8	2.6	.8	4.7	3.3	2.4	T	24.8
54-55	T	T	T	.1	2.2	2.7	3.2	9.0	4.2	3.4	T	T	34.8
55-56	T	T	.0	T	3.7	1.2	12.7	2.1	10.4	4.7	T	.0	89.4
56-57	.0	.0	.0	.4	9.0	3.9	6.7	4.3	5.5	42.7	14.9	T	51.1
57-58	.0	.0	.8	1.0	18.3	.2	1.8	3.8	16.1	9.1	.0	.0	55.9
58-59	.0	.0	T	2.8	2.9	1.4	5.2	7.8	10.3	25.5	.0	.0	62.9
59-60	.0	.0	27.9	9.0	.8	.4	1.5	9.5	8.6	2.4	2.8	.0	39.3
60-61	.0	.0	.0	1.9	2.0	7.4	3.0	8.8	9.5	5.8	.9	.0	42.3
61-62	.0	.0	4.2	5.1	5.0	7.1	6.4	3.7	8.8	2.0	.0	.0	24.8
62-63	.0	.0	T	.0	8.3	.5	5.8	2.1	8.1	T	.0	.0	39.7
63-64	.0	.0	.0	3.0	4.2	9.2	T	2.7	20.5	.1	.0	.0	38.6
64-65	.0	.0	.0	.0	4.9	4.9	3.2	9.0	14.4	2.2	.0	.0	30.3
65-66	.0	.0	.1	T	T	6.1	6.0	9.7	.1	4.1	4.2	.0	31.7
66-67	.0	.0	.0	3.4	1.7	2.9	4.1	3.6	2.1	13.9	T	.0	31.3
67-68	.0	.0	.0	T	2.1	11.7	3.0	4.8	5.7	2.8	.2	.0	43.0
68-69	.0	.0	.0	.2	12.3	4.9	5.7	2.0	11.3	6.6	.0	T	64.7
69-70	.0	.0	.0	21.7	5.6	7.3	.8	2.4	19.9	7.0	T	T	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.7	47.0	47.1	53.6	68.5	71.5	85.4	81.0	73.4	60.8	49.6	43.1	60.0
1952	47.8	45.2	44.0	58.0	66.9	84.8	84.1	83.2	76.5	66.4	43.5	44.6	62.1
1953	52.1	44.1	54.5	54.5	63.1	81.9	85.4	80.7	78.9	64.5	53.7	43.2	63.1
1954	49.2	56.4	47.3	67.1	66.7	83.8	88.5	85.2	80.0	65.5	56.8	49.2	66.3
1955	40.7	41.3	50.9	62.8	69.7	76.2	88.3	84.3	76.5	69.1	49.7	49.6	63.3
1956	45.2	39.5	52.1	57.7	72.1	87.1	84.6	82.1	81.1	69.7	49.0	48.4	64.1
1957	40.3	53.1	49.3	50.4	62.6	77.9	84.8	83.8	75.1	62.6	44.4	53.4	61.5
1958	47.5	50.1	41.7	55.7	74.5	80.8	83.2	85.7	78.1	66.5	56.0	49.1	64.1
1959	43.7	44.2	50.4	58.3	69.9	83.4	86.2	85.6	73.5	59.2	53.1	48.7	63.0
1960	41.7	33.0	48.3	63.0	68.5	80.1	83.3	85.8	78.3	64.1	53.4	40.5	61.7
1961	46.1	46.6	47.5	58.3	68.3	77.0	82.3	81.6	67.7	63.6	47.3	37.7	60.3
1962	36.0	45.1	46.7	62.0	74.2	76.3	83.1	87.4	76.3	67.7	51.9	47.8	62.9
1963	35.9	52.0	51.9	65.7	74.9	84.4	90.3	81.5	78.2	72.0	56.0	40.4	65.3
1964	43.4	38.8	43.0	60.1	71.8	78.7	90.4	84.6	75.4	68.1	50.4	44.6	62.4
1965	47.4	40.5	36.8	61.1	68.1	74.4	81.8	78.0	67.2	67.6	57.3	46.6	60.6
1966	37.2	38.7	56.1	59.1	72.1	80.5	88.2	79.2	75.1	62.9	54.2	42.5	62.2
1967	47.8	48.0	57.5	62.1	65.0	73.7	81.0	78.3	73.2	65.2	53.5	35.8	61.8
1968	42.5	44.2	51.7	56.2	64.9	82.8	81.3	78.7	74.9	66.5	44.7	43.1	61.0
1969	46.8	46.8	41.1	62.6	69.2	72.1	85.3	83.8	75.0	52.3	50.0	43.1	60.7
1970	40.0	51.5	44.0	56.2	73.4	78.9	84.3	83.7	71.3	55.2	50.4	46.7	61.3

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.6	19.6	19.3	29.7	43.0	46.5	57.2	54.8	44.8	34.6	22.5	16.4	33.4
1952	20.1	19.5	20.1	32.6	42.3	56.1	56.1	56.9	48.3	36.4	19.5	16.9	35.4
1953	23.0	16.7	27.1	29.2	39.5	53.0	58.1	54.9	48.9	38.8	28.7	16.9	36.2
1954	21.5	25.7	20.9	36.9	41.7	52.0	59.4	55.4	49.6	35.9	27.7	18.5	37.1
1955	13.7	11.4	20.3	31.9	43.0	48.4	57.2	56.3	47.9	36.6	20.8	20.7	34.0
1956	17.6	13.8	23.4	30.4	45.2	53.5	55.3	53.0	47.4	35.7	20.5	18.4	34.5
1957	11.4	24.6	25.1	28.1	41.2	49.1	58.1	55.8	44.0	39.5	21.9	22.0	35.1
1958	17.8	23.1	20.9	30.7	45.9	51.6	54.3	55.6	47.0	37.4	24.3	20.9	35.8
1959	14.9	18.4	22.2	29.4	43.1	52.7	53.5	55.6	44.4	31.7	19.7	20.3	33.8
1960	14.2	10.4	22.9	34.0	40.8	51.1	54.7	54.2	48.4	36.9	24.0	18.3	34.2
1961	14.1	19.2	24.8	28.8	41.0	49.7	54.0	55.1	40.9	33.5	22.4	11.6	32.9
1962	8.1	18.4	20.5	34.1	42.9	49.4	54.7	53.8	47.9	40.1	29.1	23.0	35.2
1963	7.9	25.4	24.8	36.2	45.5	53.6	60.7	58.0	52.5	44.4	28.1	13.9	37.6
1964	17.1	13.4	18.7	32.3	43.4	51.2	60.2	53.9	48.4	36.5	26.4	20.9	35.2
1965	23.3	15.0	14.4	35.5	41.7	49.8	57.0	53.6	42.7	38.2	30.3	22.8	35.4
1966	12.9	14.8	25.4	29.6	42.1	50.9	59.5	54.3	49.1	34.9	26.9	16.2	34.7
1967	18.4	19.0	28.3	34.2	39.8	50.3	57.5	53.9	48.0	39.4	25.6	14.7	35.7
1968	18.8	21.0	25.4	28.7	38.1	50.9	55.5	52.8	45.7	36.5	24.3	15.6	34.4
1969	20.0	20.7	18.0	35.2	44.4	47.3	58.1	56.6	48.7	30.7	23.9	18.4	35.2
1970	16.4	22.8	21.1	29.0	43.0	50.2	58.0	59.1	44.0	33.1	26.0	19.1	35.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.7	33.3	33.2	41.7	55.8	59.0	71.3	67.9	59.1	47.7	36.1	29.8	46.7
1952	34.0	32.4	32.1	45.3	54.6	70.5	70.1	70.1	62.4	51.4	31.5	30.8	48.8
1953	37.6	30.4	40.8	41.9	51.3	67.5	71.8	67.8	63.9	51.7	41.2	30.1	49.7
1954	35.4	41.1	34.1	52.0	54.2	67.9	74.0	70.3	64.8	50.7	42.3	33.9	51.7
1955	27.2	26.4	35.6	47.4	56.4	62.3	72.8	70.3	62.2	52.9	35.3	35.2	48.7
1956	31.4	26.7	37.8	44.1	58.7	70.3	70.0	67.6	64.3	52.7	34.8	33.4	49.3
1957	25.9	38.9	37.2	39.3	51.9	63.5	71.5	69.8	59.6	51.1	33.2	37.7	48.3
1958	32.7	36.6	31.3	43.2	60.2	66.2	68.8	70.7	62.6	52.0	40.2	35.0	50.0
1959	29.3	31.3	36.3	43.9	56.5	68.1	69.9	70.6	59.0	45.5	36.4	34.5	48.4
1960	28.0	21.7	35.6	48.5	54.7	65.6	69.0	70.0	63.4	50.5	38.7	29.4	47.9
1961	30.1	32.9	36.2	43.6	54.7	63.4	68.2	68.4	54.3	48.6	34.9	24.7	46.7
1962	22.1	31.8	33.6	48.1	58.6	62.9	68.9	70.6	62.1	53.9	40.5	35.4	49.0
1963	21.9	38.7	38.4	51.0	60.2	69.0	75.5	69.8	65.4	58.2	42.1	27.2	51.5
1964	30.3	26.1	30.9	46.2	57.6	65.0	75.3	69.3	61.9	52.3	38.4	32.8	48.8
1965	35.4	27.8	25.6	48.3	54.9	62.1	69.4	65.8	55.0	52.9	43.8	34.7	48.0
1966	25.1	26.8	40.8	44.4	57.1	65.7	73.9	66.8	62.1	48.9	40.6	29.4	48.5
1967	33.1	33.0	42.9	48.2	52.4	62.0	69.3	66.1	60.6	52.3	39.6	25.3	48.7
1968	30.7	32.6	38.6	42.5	51.5	66.9	68.4	65.8	60.3	51.5	34.5	29.4	47.7
1969	33.4	33.8	29.6	48.9	56.8	59.7	71.7	70.2	61.9	41.5	37.0	30.8	47.9
1970	28.2	37.2	32.6	42.6	58.2	64.6	71.2	71.4	57.7	44.2	38.2	32.9	48.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CORTEZ

05 1886 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	41.4	14.3	27.9	62.	1956	9	-27.	1963	13	0.0	3.9	29.8	3.8	1.07	.80	1952	7	10.0	16.	1968	1	3.8	.5	0.0
FEB	46.1	18.7	32.4	66.	1958	22	-12.	1955	20	0.0	1.8	27.0	1.6	.78	.75	1962	8	6.8	12.	1957	1	2.6	.2	0.0
MAR	52.5	23.6	38.1	76.	1966	31	-3.	1953	4	0.0	.4	27.2	.1	.92	1.03	1964	24	8.5	10.	1964	24	3.2	.2	.1
APR	62.9	30.7	46.8	80.	1962	19	8.	1955	4	0.0	0.0	18.3	0.0	1.03	1.26	1952	28	2.1	5.	1957	23	2.5	.5	.1
MAY	73.2	39.7	56.5	91.	1951	27	17.	1967	1	.1	0.0	4.8	0.0	.89	1.19	1957	8	.1	0.	0	0	2.5	.6	.1
JUN	83.5	46.9	65.2	100.	1954	22	29.	1954	7	5.9	0.0	.2	0.0	.43	.77	1954	27	0.0	0.	0	0	1.4	.2	0.0
JUL	89.1	54.9	72.0	99.	1951	30	41.	1970	1	16.0	0.0	0.0	0.0	1.16	1.36	1957	26	0.0	0.	0	0	4.1	.3	.1
AUG	86.3	53.4	69.9	99.	1962	15	36.	1968	24	9.2	0.0	0.0	0.0	1.67	1.82	1955	14	0.0	0.	0	0	4.3	1.0	.2
SEP	79.6	44.9	62.3	92.	1952	4	26.	1961	30	1.0	0.0	.9	0.0	1.12	1.19	1954	12	.1	0.	0	0	2.6	.7	.1
OCT	67.9	34.3	51.2	84.	1963	1	14.	1970	28	0.0	0.0	12.9	0.0	1.32	1.43	1959	1	.3	2.	1965	18	2.6	.7	.3
NOV	52.6	23.9	38.5	70.	1967	15	-7.	1952	27	0.0	.5	25.8	.2	.91	1.62	1964	16	3.7	11.	1964	16	2.2	.4	.1
DEC	42.1	15.3	28.7	60.	1969	21	-16.	1961	12	0.0	3.9	29.5	2.4	1.20	1.17	1954	11	11.4	21.	1967	25	3.9	.4	.1
ANNUAL	64.8	33.4	49.1							32.	10.	176.	8.	12.5				43.				36.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.71	0.00	0.00	.15	.08	0.00	.21	.27	0.00	0.00	.14	.19	7.25
.10	.30	.13	.13	.23	.15	.03	.31	.42	0.00	0.00	.24	.29	8.18
.20	.46	.27	.23	.32	.27	.09	.48	.65	.24	.22	.37	.47	9.43
.30	.61	.39	.58	.52	.39	.15	.66	.89	.48	.49	.50	.63	10.43
.40	.75	.51	.74	.67	.53	.22	.80	.99	.70	.74	.62	.80	11.28
.50	.91	.64	.84	.84	.68	.30	.98	1.13	.92	.89	.76	.99	12.15
.60	1.09	.79	.92	1.02	.86	.40	1.17	1.48	1.16	1.32	.92	1.20	13.07
.70	1.30	.97	1.15	1.25	1.09	.53	1.41	2.04	1.45	1.64	1.10	1.47	14.09
.80	1.59	1.21	1.45	1.55	1.40	.70	1.73	2.52	1.83	2.19	1.36	1.82	15.36
.90	2.05	1.60	1.95	2.07	1.93	.99	2.24	3.30	2.45	3.01	1.76	2.34	17.24
.95	2.48	1.97	2.44	2.56	2.44	1.28	2.73	4.05	3.04	3.80	2.15	2.93	18.90
ALPHA	2.15	1.81	1.61	1.72	1.31	1.12	2.05	1.87	1.91	1.57	2.00	1.82	12.21
BETA	.50	.45	.60	.60	.68	.40	.57	.89	.69	.99	.45	.66	1.02
Q	0.00	.05	.05	0.00	0.00	.05	0.00	0.00	.15	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.27	.41	.41	.60	.55	.02	.35	1.63	1.37	2.08	.61	3.60	12.90
1952	1.51	.67	.99	2.64	.41	.50	1.30	.52	1.31	.00	.96	.53	11.34
1953	1.06	.38	.88	2.10	.50	.31	1.55	2.43	T	2.58	1.10	.58	13.47
1954	.50	.18	1.09	.23	1.97	.62	.92	1.00	3.36	.84	.58	1.39	12.88
1955	.73	1.64	T	.84	1.37	.35	.94	3.34	.21	T	.93	1.61	11.96
1956	2.19	.19	.35	.39	1.29	.35	.81	.81	.08	.69	.03	.39	7.57
1957	3.51	1.12	1.11	3.40	3.82	.87	4.06	3.80	T	2.40	1.67	.58	26.34
1958	1.11	1.41	1.49	.61	.56	.23	.21	.95	1.14	.84	.95	.08	9.58
1959	.26	.84	.10	1.34	.14	.28	.64	1.94	.99	2.60	.64	1.05	10.82
1960	1.66	1.41	.66	1.03	.32	.26	.40	.20	.47	1.50	.65	1.53	10.09
1961	.83	.64	2.70	.55	.94	T	.87	1.55	2.05	1.35	.96	.58	13.02
1962	.48	1.87	.57	.33	.42	.14	.12	.14	1.89	2.72	1.20	.60	10.48
1963	.75	.93	.55	.26	.10	.10	1.36	3.70	.81	1.31	.24	.35	10.46
1964	.39	.16	1.90	1.14	.53	.02	1.23	2.27	2.07	.00	1.96	1.37	13.04
1965	1.29	.74	1.89	2.14	2.19	1.36	1.26	1.79	1.53	2.82	1.92	2.21	21.14
1966	.30	.63	.10	1.03	.62	.51	.72	.84	1.59	.28	1.01	2.56	10.19
1967	.57	T	.17	.39	.58	.32	1.75	2.81	.48	.03	.16	2.18	9.44
1968	.64	.61	.89	.71	1.07	.10	2.20	1.34	.00	.78	.56	1.28	10.18
1969	2.06	1.62	.65	.21	.45	1.66	1.49	.62	1.06	2.82	.86	.50	14.00
1970	.28	.08	1.96	.58	.07	.38	.99	1.73	1.98	.75	1.12	1.02	10.94

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.0	4.5	4.5	.0	.0	.0	
51-52	.0	.0	.0	T	3.3	30.4	13.6	10.3	11.5	.5	.0	.0	69.6
52-53	.0	.0	.0	.0	7.5	4.8	8.5	4.5	6.5	7.0	.0	.0	38.8
53-54	.0	.0	.0	.0	2.0	10.0	4.0	T	6.5	.0	.0	.0	22.5
54-55	.0	T	.0	.0	1.0	12.3	10.5	15.0	.0	2.0	.0	.0	40.8
55-56	.0	.0	.0	.0	11.5	6.0	16.5	2.8	4.5	1.5	.0	.0	42.8
56-57	.0	.0	.0	1.0		3.0	30.6	.0	4.0	15.5	.0	.0	
57-58	.0	.0	.0	T	7.5	1.5	17.0	7.5	5.0	1.0	.0	.0	39.5
58-59	.0	.0	.0	.0	2.8	1.0	3.0	8.0	.0	T	.0	.0	14.8
59-60	.0	.0	.0	.0	T	6.0	11.5	18.1	8.0	3.0	.0	.0	46.6
60-61	.0	.0	.0	.0	2.5	23.8	7.5	5.0	25.8	.0	2.0	.0	66.6
61-62	.0	.0	.0	T	5.8	10.9	7.8	10.5	11.0	.0	.0	.0	46.0
62-63	.0	.0	.0	.0	2.5	2.5	7.5	5.0	9.0	1.0	.0	.0	27.5
63-64	.0	.0	.0	T		4.8	7.0	3.0	23.7	4.0	.0	.0	42.5
64-65	.0	.0	.0	.0	14.0	11.5	13.0	6.0	11.0	T	.0	.0	55.5
65-66	.0	.0	2.0	5.0	1.5	9.5	5.0	9.0	2.0	6.0	.0	.0	40.0
66-67	.0	.0	.0	.0		10.0	8.0	.0	.0	.0	.0	.0	
67-68	.0	.0	.0	.0	2.0	38.5	9.5	5.0	4.0	.0	.0	.0	59.0
68-69	.0	.0	.0	.0	T	22.0	7.0	20.5	16.5	.0	.0	.0	66.0
69-70	.0	.0	.0	T	2.0	7.0	2.5	.5	16.0	1.5	.0	.0	29.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.7	47.9	54.0	63.2	73.9	83.1	93.4	87.4	83.6	66.2	47.9	37.4	65.1
1952	40.5	43.1	46.6	64.5	74.9	84.7	86.4	88.3	82.2	74.4	47.5	40.5	64.6
1953	47.3	46.2	50.4	61.5	68.2	86.0	90.0	85.6	83.9	68.1	55.1	39.7	65.7
1954	46.5	56.9	52.0	71.3	76.0	85.0	89.6	85.8	79.6	70.0	59.2	40.7	67.7
1955	38.4	38.7	52.8	61.9	71.5	81.0	87.7	86.1	81.5	71.6	52.0	45.3	64.0
1956	47.8	42.1	56.9	63.1	75.5	86.8	88.7	84.4	85.0	70.2	49.0	43.5	66.1
1957	41.0	50.8	52.8	55.8	66.1	81.8	85.6	83.1	79.9	63.7	46.2	46.6	63.1
1958	44.5	49.6	47.5	60.5	77.5	86.0	88.3	89.1	79.1	69.5	53.1	51.6	66.4
1959	45.5	45.8	55.2	65.3	74.0	87.2	91.3	86.5	78.4	66.6	53.2	45.4	66.2
1960	36.7	38.5	55.0	65.3	72.4	86.2	91.0	89.7	82.4	63.7	54.4	36.8	64.3
1961	40.2	47.8	52.4	62.4	74.0	87.6	89.5	86.2	74.0	66.2	49.8	37.2	63.9
1962	38.7	46.0	49.0	68.0M	72.2	82.9	88.1	88.8	79.6	68.5	56.7	46.4	65.4*
1963	33.5	49.4	53.1	62.8	77.6	82.2	90.5	84.1	81.3	71.4	55.4	42.8	65.3
1964	40.8	42.8	48.1	59.1	72.8	82.0	89.4	84.2	76.3	72.1	49.5	41.1	63.2
1965	41.4	44.7	48.5	60.5	67.8	77.2	86.8	84.4	73.8	69.7	55.6	44.4	62.9
1966	39.3	39.4	57.3	65.0	76.6	83.6	90.8	88.2	79.5	67.9	56.7	40.7	65.4
1967	40.3	49.5	59.5	62.2	71.4	79.4	88.4	85.2	78.6	70.1	56.7	35.2	64.7
1968	36.1	47.1	55.4	58.0	70.7	85.0	86.6	80.5	78.2	68.5	50.2	39.7	63.0
1969	42.8	43.2	48.1	66.6	76.6	79.9	89.2	90.3	79.9	60.1	51.3	45.1	64.4
1970	43.8	53.0	48.4	56.4	75.0	82.0	89.2	87.3	75.3	60.2	53.1	42.5	63.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.4	21.4	22.5	30.7	40.6	43.2	55.2	53.8	41.0	33.3	21.3	10.3	32.3
1952	15.9	17.3	22.9	33.1	39.6	47.5	52.9	54.6	45.4	32.5	19.5	16.1	33.1
1953	19.8	17.2	23.5	30.3	37.3	47.8	56.8	51.9	43.8	36.1	25.5	11.8	33.5
1954	19.6	22.1	22.7	33.9	42.7	47.0	57.6	51.4	48.3	36.5	25.6	13.2	35.1
1955	13.7	9.0	22.3	27.6	39.1	44.8	53.2	55.1	44.1	32.5	22.4	20.8	32.1
1956	23.3	14.2	21.5	31.2	39.4	49.1	51.6	48.9	42.2	33.4	15.7	11.5	31.8
1957	20.4	23.8	26.8	31.0	39.1	46.2	53.7	54.0	40.0	38.3	22.5	19.5	34.6
1958	12.5	23.5	25.3	29.1	41.6	48.9	51.5	54.2	47.4	34.9	23.6	18.9	34.3
1959	15.2	20.5	21.8	32.3	41.7	51.8	55.7	55.1	45.1	34.7	22.6	18.6	34.6
1960	10.3	12.6	26.7	31.9	38.6	48.0	55.7	53.4	48.4	35.1	24.7	14.3	33.3
1961	9.9	21.0	26.4	30.2	40.8	49.7	55.1	56.5	43.4	34.0	24.3	9.1	33.4
1962	11.3	23.9	20.8	33.9M	38.3	46.1	53.1	51.6	46.2	36.3	28.0	16.4	33.8*
1963	6.1	22.9	23.9	31.7	41.7	44.9	56.0	55.9	48.3	39.0	24.1	12.2	33.9
1964	10.0	12.2	20.5	30.1	39.2	46.2	56.2	51.8	45.1	32.5	21.2	15.6	31.7
1965	17.2	16.2	22.7	32.6	37.7	43.9	54.3	51.0	43.5	32.4	30.2	21.0	33.6
1966	12.6	12.2	25.1	30.2	41.4	46.5	56.0	52.8	45.0	33.3	28.1	16.6	33.3
1967	10.5	20.4	28.5	23.7	36.6	45.9	55.6	53.1	47.2	33.2	25.8	11.5	33.2
1968	7.6	23.1	25.5	28.0	38.5	46.6	55.3	50.0	42.2	34.5	24.0	10.7	32.2
1969	20.0	18.3	20.3	32.5	41.4	46.0	56.6	56.7	47.7	32.5	23.0	20.6	34.6
1970	16.5	21.5	23.1	24.6	37.9	47.6	56.6	56.5	43.0	31.8	25.3	16.7	33.4

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.6	34.7	38.3	47.0	57.3	63.2	74.3	70.6	62.3	49.8	34.6	23.9	48.7
1952	28.2	30.2	34.8	48.8	57.3	65.1	70.7	71.5	63.8	53.5	33.5	28.3	48.9
1953	33.6	31.7	40.0	45.9	52.8	66.9	73.4	68.8	63.9	52.1	40.3	25.8	49.6
1954	33.1	39.5	37.4	52.6	59.4	66.0	73.6	68.6	64.0	53.3	42.4	27.0	51.4
1955	26.1	23.9	37.6	44.8	55.3	62.9	70.5	70.6	62.8	52.1	37.2	33.1	48.1
1956	35.6	28.2	39.2	47.2	57.5	68.0	70.2	66.7	63.6	51.8	32.4	27.5	49.0
1957	30.7	37.3	39.8	45.4	52.6	64.0	69.7	68.6	60.0	51.0	34.4	33.1	48.9
1958	28.5	36.6	36.4	44.8	55.6	67.5	69.9	71.7	63.3	52.2	38.4	35.3	50.4
1959	30.4	33.2	38.5	48.8	57.9	69.5	73.5	70.8	61.8	50.7	37.9	32.0	50.4
1960	23.5	25.6	40.9	48.6	55.5	67.1	73.4	71.6	65.4	49.4	39.6	25.6	48.9
1961	25.1	34.4	39.4	46.3	57.4	68.7	72.3	71.4	58.7	50.1	37.1	23.2	48.7
1962	25.0	35.0	34.9	51.0M	55.3	64.5	70.6	70.2	62.9	52.4	42.4	31.4	49.6*
1963	15.8	36.2	38.5	47.3	59.7	63.6	73.3	70.0	64.8	55.2	39.8	27.5	49.6
1964	25.4	27.5	34.3	44.6	56.0	64.1	72.8	68.0	60.7	52.3	35.4	28.4	47.5
1965	29.3	30.5	35.6	46.6	52.8	60.6	70.6	67.7	58.7	51.1	42.9	32.7	48.3
1966	26.0	25.8	41.2	47.6	59.0	65.1	73.4	70.5	62.3	50.6	42.4	28.7	49.4
1967	25.4	35.0	44.0	46.0	54.0	62.7	72.0	69.2	62.9	51.7	41.3	23.4	49.0
1968	21.9	35.1	40.5	42.0	54.6	65.8	71.0	65.3	60.2	51.5	37.1	25.2	47.6
1969	31.4	30.8	34.2	49.6	55.0	63.0	72.9	73.5	63.8	46.3	37.2	32.9	49.6
1970	30.2	37.3	35.8	49.5	56.5	64.8	72.9	71.9	59.2	46.0	39.2	29.6	48.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CRAIG

05 1928 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)																				
	STATS				EXTREMES				MEAN NO OF DAYS			GREATEST				SNOW, SLEET				MEAN NO OF DAYS												
	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	MONTHLY	RECORD	HIGHEST	YEAR	DAY	RECORD	LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST	DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
JAN.	32.2	4.1	18.2	52.	1970	23	-45.	1963	12	0.0	14.6	30.8	12.7	.95	.75	1956	16	17.4	26.	1962	21	3.1	.1	0.0								
FEB	36.2	8.5	22.3	59.	1963	4	-43.	1951	1	0.0	9.5	27.9	8.2	.86	.66	1962	16	12.7	23.	1962	27	3.5	.1	0.0								
MAR	42.5	15.7	29.1	68.	1966	31	-21.	1964	8	0.0	4.9	30.4	5.1	.83	.44	1957	10	10.4	13.	1950	4	3.3	0.0	0.0								
APR	55.8	27.3	41.6	79.	1962	19	7.	1955	5	0.0	0.0	23.8	0.0	1.23	1.07	1963	8	10.2	10.	1961	8	4.2	.2	.1								
MAY	67.9	35.8	51.9	86.	1958	27	14.	1955	11	0.0	0.0	9.4	0.0	1.24	1.05	1952	16	.6	0.	0	0	3.4	.4	.1								
JUN	77.0	42.7	59.9	97.	1954	23	25.	1951	3	.6	0.0	1.3	0.0	1.22	1.12	1969	24	0.0	0.	0	0	3.4	.6	.1								
JUL	85.2	49.1	67.1	99.	1959	25	30.	1968	1	5.3	0.0	0.0	0.0	.94	1.05	1967	17	0.0	0.	0	0	2.9	.3	.1								
AUG	82.2	47.7	65.0	94.	1956	12	28.	1962	31	2.3	0.0	.3	0.0	1.64	1.96	1970	7	0.0	0.	0	0	3.8	.9	.2								
SEP	74.3	38.2	56.3	91.	1959	7	19.	1956	23	.1	0.0	7.3	0.0	1.17	1.25	1961	21	1.4	10.	1965	18	4.1	.7	.1								
OCT	62.7	27.7	45.2	84.	1957	1	9.	1952	15	0.0	0.0	23.3	0.0	1.14	1.47	1966	2	1.9	4.	1969	29	3.1	.6	.1								
NOV	46.3	16.9	31.6	67.	1965	2	-19.	1955	16	0.0	3.6	28.8	2.2	1.00	.88	1970	26	12.6	12.	1964	14	3.4	.3	0.0								
DEC	34.8	7.3	21.1	58.	1962	16	-31.	1962	26	0.0	12.6	30.7	9.8	1.18	1.13	1951	30	17.7	19.	1967	20	3.8	.1	0.0								
ANNUAL	58.1	26.7	42.4							8.	45.	214.	36.	13.4				85.				42.	4.	1.								

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.20	.29	.37	.43	.49	.53	.58	.60	.68	0.00	.35	.28	2.41
.10	.29	.43	.49	.53	.62	.66	.71	.74	.84	.23	.44	.39	0.32
.20	.43	.60	.69	.78	.86	.91	.94	.97	.98	.44	.70	.56	10.45
.30	.56	.68	.79	.86	1.10	1.19	1.25	1.25	.84	.51	.81	.72	11.24
.40	.68	.79	.86	1.10	1.23	1.31	1.38	1.45	.84	.78	.81	.87	11.24
.50	.82	.90	.97	1.10	1.23	1.31	1.38	1.45	.84	.97	.92	.93	11.11
.60	.97	1.03	1.10	1.23	1.31	1.38	1.45	1.49	1.09	1.17	1.04	1.21	11.96
.70	1.15	1.19	1.23	1.49	1.51	1.69	1.74	1.97	1.41	1.42	1.18	1.43	14.91
.80	1.39	1.45	1.47	1.77	1.97	2.01	2.06	2.33	1.86	1.74	1.37	1.71	16.08
.90	1.78	1.68	1.74	2.21	2.73	2.60	2.55	2.90	2.51	2.27	1.65	2.16	19.80
.95	2.14	1.68	1.74	2.61	3.48	3.28	3.28	3.44	3.36	2.76	1.91	2.58	19.30
ALPHA	2.36	3.96	3.02	2.90	1.22	1.37	2.44	2.99	1.12	2.11	4.18	2.60	16.09
BETA	.40	.22	.28	.43	1.02	.89	.39	.55	1.04	.57	.24	.45	.83
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

CRAIG

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.56	1.12	.36	1.65	2.15	1.09	.87	2.16	.23	2.41	.51	3.89	18.40
1952	1.60	.67	1.70	1.18	2.24	1.58	.67	1.38	.09	.00	.39	.82	12.32
1953	.59	.28	.57		1.95	.76	1.94	2.85	.09	1.27	1.50	.68	
1954	.80	.28	1.65	.19	1.74	.64	.96	1.97	3.14	1.33	.82	.64	14.16
1955	.93	1.27	.26	.36	1.00	1.16	.59	2.71	1.26	1.17	1.55	1.06	13.32
1956	2.10	1.14	.34	.84	.51	.10	1.16	.63	.07	.72	.79	1.27	9.67
1957	2.13	.56	1.40	1.50	3.53	3.06	.94	.92	.17	1.97	1.82	.74	18.74
1958	.23	.87	1.29	.60	.26	.31	.16	.53	1.57	.15	.83	.63	7.43
1959	.58	.89	.81	1.12	.50	2.05	.82	1.87	2.32	2.13	.54	.45	14.08
1960	.78	1.35	.88	.54	.70	.65	.74	.55	.43	.84	1.31	.41	9.18
1961	.12	.53	1.18	1.49	2.05	.23	.42	.71	3.54	.64	.62	1.01	12.54
1962	1.09	2.02	.21	1.65	.56	.33	.11	.36	.81	.71	.69	.37	8.91
1963	.31	.42	1.06	2.46	.16	1.13	.55	3.09	1.21	.58	.91	.54	12.42
1964	.65	.47	.97	1.94	.86	1.99	.43	2.69	.88	.40	1.36	2.39	15.03
1965	1.30	.72	.71	1.55	1.61	.87	1.35	2.00	2.48	.15	1.82	1.75	16.31
1966	.35	.64	.50	.40	1.03	.16	.96	.81	.94	1.88	.25	1.94	9.86
1967	.86	.69	1.21	.92	2.52	1.97	2.01	1.63	1.05	.87	.85	2.06	16.64
1968	.68	1.51	.52	2.43	1.13	.31	.74	1.48	.50	1.01	1.23	1.19	12.73
1969	1.24	1.22	.28	1.29	.01	3.18	2.21	1.84	1.22	2.40	.64	1.10	16.63
1970	.67	.62	.73	1.33	.37	2.85	1.20	2.54	1.32	2.14	1.50	.63	15.90

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							35.5	13.9	6.0				
51-52											T	T	
52-53				.0								.0	
53-54	.0		.0										
54-55													
55-56											.0	.0	
56-57	.0	.0	.0	3.0	26.0						.0	.0	
57-58	.0	.0	.0								.0	.0	
58-59	.0	.0									.0	.0	
59-60		.0	T	T							.0	.0	
60-61	.0	.0	.0	.0								.0	
61-62	.0	.0											
62-63	.0	.0	.0	.0		5.0		2.0	15.0	10.0	.0	.0	
63-64	.0	.0	.0	.0	6.0	11.7	15.6	13.0	14.6	13.7	3.0	.0	77.6
64-65	.0	.0	.0	1.0	24.8	22.4	22.5	13.2	10.3	11.6		.0	
65-66	.0	.0	18.5	.0	4.6	21.5	6.7	12.9	8.0	4.7	T	.0	76.9
66-67	.0	.0	.0	1.2	1.8	20.2	14.9	11.1	11.3	10.4	3.1	.0	74.0
67-68	.0	.0	.0	.7	8.1	33.8	14.4	20.2	8.4			.0	
68-69	.0	.0	1.1		21.6	18.9	18.1	29.4			.0	.0	
69-70	.0	.0	.0	11.3	6.4	15.0	11.3	8.0	9.5	11.0	T	.0	72.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	31.8	39.1	44.2	57.3	69.1 ^M	73.6	87.8	82.3	76.5	58.9	46.2	33.7	58.4 ^o
1952	26.9	29.8	36.3 ^M	56.4		79.0	84.6	81.9 ^M	79.3	70.5	42.6	34.7	
1953	34.7	37.3	48.3	53.8 ^M	61.4	79.8	86.7	81.4	79.2	63.8	50.1	33.3	59.5 ^o
1954	39.6	45.6	43.4	63.2	71.5	77.7	87.6	83.5	74.7	64.5	54.0	36.5	61.8
1955	30.3	30.8	39.6	54.9	67.9	75.6	87.1	84.5	77.7	64.8	40.9	38.1	57.7
1956	34.5	29.8	43.5	57.3	71.2	82.5	84.1	81.3	80.6	65.0	38.8	32.6	58.8
1957	27.4	38.5	43.7	53.4	62.3	74.0	82.3	81.4	73.8	62.1	41.1	38.9	56.6
1958	34.3	42.8	44.4	55.4	74.5	81.1	83.9	80.2	75.0	66.5	48.5	41.5	61.2
1959	35.1	39.3	43.6	57.3	67.6	81.5	86.0	81.8	69.7	58.3	48.1	42.4	59.2
1960	32.3	29.8	45.5	60.1	67.3	80.0	87.0	83.9	77.9	62.5	47.1	34.9	59.0
1961	37.2	40.6	45.7	53.4	68.3	81.7	84.9	83.2	63.9	58.9	42.9	30.6	57.6
1962	25.6	36.5	38.5	60.7	68.1	77.1	83.2	82.8	74.3 ^M	65.0	53.0	39.3	58.7 ^o
1963	26.5	45.3	45.6	54.8	72.1	77.2	87.7	80.6	78.0	68.4	49.5	34.5	60.0
1964	27.5	27.9	34.9	52.7	66.9	74.1	87.7	79.8	73.8	66.3	41.9	30.5	55.3
1965	32.3	32.3	33.8	55.0	63.4	73.3	81.7	79.9	64.1	68.2	51.3	36.0	55.9
1966	31.2	33.4	48.3	57.7	71.2	77.6	86.9	82.4	75.9	61.5	51.6	30.8	59.0
1967	33.7	35.1	49.4	56.8	63.2	71.7	83.0	82.6	74.6	62.9	49.1	26.1	57.4
1968	25.8	33.7	42.8	49.3	62.6	77.5	83.9	76.7	71.0	61.7	40.0	31.1	54.8
1969	36.8	35.6	38.2	58.8	73.0	70.6	83.7	84.2	75.5	50.6	44.9	36.3	57.4
1970	32.2	40.0	40.8	48.6	68.2	74.2	83.3	84.4	70.1	53.5	44.6	34.6	56.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.1	11.5	17.9	27.0	35.8 ^M	39.2	48.3	48.1	34.1	29.5	13.0 ^M	5.8 ^M	25.9 ^o
1952	- 1.3	- .5 ^M	11.6 ^M	28.5	37.0 ^M	43.5	46.4	46.9 ^M	38.0	22.8	8.8	4.3	23.8 ^o
1953	11.8	7.2	19.4	23.5 ^M	31.5	42.2	50.0	46.8	36.7	28.0	21.1	4.6	26.9 ^o
1954	11.5	15.3	17.7	27.5	35.9	40.5	51.4	45.2	41.2	28.0	18.5	4.4	28.1
1955	- 1.1	- 2.6	8.9	23.3	32.8	40.0	49.1	50.9	38.4	27.0	12.3	13.7	24.4
1956	12.5	- 4.7	13.3	28.1	36.5	43.0	46.6	44.2	35.3	26.5	8.3	.7	24.2
1957	- .3	9.8	17.4	28.8	35.1	42.6	49.2	48.8	33.9	30.4	15.3	7.3	26.6
1958	1.0	18.3	17.7	24.7	37.5	42.6	44.9	47.5	38.3	23.5	14.1	14.8	27.1
1959	4.9	11.9	18.6	26.2	34.7	45.1	46.9	47.8	38.3	28.2	17.0	10.1	27.5
1960	7.2	1.9	19.4	28.9	34.2	42.9	49.0	45.4	42.0	30.0	18.1	6.0	27.1
1961	.4	15.0	20.4	28.3	37.7	45.7	50.6	52.2	37.6	28.6	16.5	5.2	28.2
1962	- 6.0	13.6	11.9	31.5	37.7	44.3	47.5	44.7	36.5 ^M	28.7	21.4	8.2	26.7 ^o
1963	- 1.5	18.4	17.5	27.8	37.7	42.6	50.4	51.5	43.1	33.0	19.6	4.7	28.7
1964	- .7	- 1.0	7.4	28.9	36.0	42.6	50.8	46.7	37.8	26.8	16.0	9.1	25.0
1965	8.9	4.9	5.9	30.3	35.9	42.2	49.5	46.2	35.9	27.1	24.5	11.1	26.9
1966	2.7	6.8	18.1	25.0	35.9	42.3	51.4	47.2	41.5	27.2	23.2	5.9	27.3
1967	10.9	9.6	23.3	28.9	34.5	43.6	49.7	48.6	40.5	28.6	15.7	2.0	28.0
1968	- 1.9	10.4	17.1	24.2	34.5	41.8	49.4	45.6	35.1	28.8	14.2	6.5	25.5
1969	13.6	9.6	10.5	31.0	39.3	42.9	50.7	50.1	43.1	27.4	16.6	11.1	28.8
1970	5.2	14.1	19.2	24.5	35.4	43.7	49.4	49.5	36.6	24.6	23.8	10.6	28.4

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.0	25.3	31.1	42.2	52.5M	56.5	68.1	65.2	55.3	44.2	29.6M	19.8M	42.2*
1952	12.8	14.7M	24.0M	42.5		61.3	65.5	64.4M	58.7	46.7	25.7	19.5	
1953	25.3	22.3	33.9	38.7M	46.5	61.0	68.4	64.1	58.0	45.9	35.6	19.0	43.2*
1954	25.6	30.5	30.6	45.4	53.7	59.1	69.5	54.4	58.0	46.3	36.3	20.5	45.0
1955	14.6	14.1	24.3	39.1	50.4	57.8	68.1	67.7	58.1	45.9	26.6	25.9	41.1
1956	25.5	12.6	28.4	42.7	53.9	62.8	65.4	62.8	58.0	45.8	23.6	16.8	41.5
1957	13.6	24.2	30.6	41.1	45.2	58.4	65.8	65.1	53.9	46.3	28.2	23.1	41.6
1958	17.7	30.6	31.1	40.1	56.0	61.9	64.4	65.9	56.7	45.0	31.3	28.2	44.2
1959	20.0	25.6	31.2	41.8	51.2	63.3	66.5	64.8	54.0	43.3	32.6	26.3	43.4
1960	19.8	15.9	32.5	44.5	50.8	61.5	68.0	64.7	60.0	46.3	32.6	20.5	43.1
1961	18.8	27.8	33.1	40.9	53.0	63.7	67.8	67.7	50.8	43.8	29.7	17.9	42.9
1962	9.8	25.1	25.2	46.1	52.9	60.7	65.4	63.8	55.4M	46.9	37.2	23.2	42.7*
1963	12.5	31.9	31.6	41.3	54.9	59.9	69.1	66.1	63.6	50.7	34.6	19.6	44.4
1964	13.4	13.5	21.2	40.8	51.5	58.4	69.3	63.3	55.8	46.6	29.0	19.8	40.2
1965	20.6	19.6	19.9	42.7	45.7	57.8	65.6	63.1	50.0	47.7	37.5	23.6	41.4
1966	17.0	20.1	33.2	41.4	53.6	60.0	69.2	64.8	58.7	44.4	37.4	16.4	43.2
1967	22.3	22.4	36.4	42.8	48.9	57.7	65.4	65.6	57.6	45.8	32.4	14.1	42.7
1968	12.5	22.1	30.0	36.8	48.6	59.7	66.7	61.2	53.1	45.3	27.1	18.8	40.2
1969	25.2	22.6	24.4	44.9	56.2	56.8	67.2	67.2	59.3	39.0	30.8	23.7	43.1
1970	20.7	27.1	30.0	36.6	51.8	59.0	66.4	67.0	53.4	39.1	34.2	22.6	42.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

CRESTED BUTTE

05 1959 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SIG. SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	28.1	-1.7	13.7	48.	1969	7	-43.	1963	13	0.0	21.8	30.9	16.9	3.34	2.04	1951	26	50.9	99.	1952	26	7.5	1.8	.5
FEB	31.3	1.4	16.3	52.	1961	11	-40.	1951	1	0.0	15.7	28.2	13.5	2.41	1.17	1955	28	35.5	86.	1952	2	6.9	1.1	.2
MAR	36.8	7.9	22.4	55.	1966	31	-25.	1965	3	0.0	7.9	30.9	8.6	2.68	1.75	1953	23	36.8	101.	1952	20	7.2	1.2	.2
APR	47.0	19.0	33.0	64.	1969	23	-9.	1970	4	0.0	1.1	29.2	.8	1.91	1.62	1957	7	19.0	93.	1952	1	6.6	.6	.1
MAY	60.3	28.7	44.5	80.	1956	31	-1.	1953	2	0.0	0.0	23.6	0.0	1.39	.98	1957	20	4.2	24.	1957	1	4.1	.6	0.0
JUN	70.5	34.6	52.6	90.	1954	23	22.	1954	7	0.0	0.0	10.0	0.0	1.30	.98	1952	3	.3	0.	0	0	4.2	.4	0.0
JUL	76.8	40.4	58.6	88.	1960	26	27.	1969	1	0.0	0.0	1.4	0.0	1.97	1.12	1964	24	0.0	0.	0	0	6.0	.7	.1
AUG	74.0	39.6	56.8	87.	1954	29	25.	1964	28	0.0	0.0	3.3	0.0	2.22	.95	1955	5	0.0	0.	0	0	6.9	.8	0.0
SEP	67.6	32.0	46.8	85.	1960	4	16.	1970	26	0.0	0.0	16.2	0.0	1.81	1.38	1970	13	.8	4.	1959	29	5.2	1.1	.1
OCT	57.5	23.6	40.6	76.	1958	4	-3.	1970	28	0.0	.3	27.3	0.0	1.60	1.22	1970	10	8.8	24.	1969	16	5.0	.8	.2
NOV	40.9	11.5	26.1	63.	1965	1	-26.	1952	27	0.0	5.7	29.8	5.4	1.93	1.20	1966	8	25.1	27.	1965	29	5.5	1.2	.1
DEC	30.6	1.5	16.0	50.	1962	17	-29.	1961	12	0.0	18.2	30.9	15.1	2.97	3.64	1951	30	39.4	81.	1951	31	7.2	1.4	.3
ANNUAL	51.7	19.9	35.8							0.	71.	262.	60.	25.5				221.				72.	12.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.58	.79	.71	.50	.34	.19	.73	1.13	.29	0.00	.74	.50	16.63
.10	.68	.92	.85	.68	.47	.30	.92	1.33	.33	.33	.92	.76	18.30
.20	.87	1.02	1.05	.96	.67	.44	1.19	1.77	.67	.62	1.18	1.20	20.47
.30	1.02	1.17	1.20	1.20	.85	.59	1.40	2.14	.85	.86	1.39	1.61	22.15
.40	1.17	1.32	1.35	1.44	.97	.66	1.60	2.49	1.15	1.10	1.59	1.82	23.82
.50	1.32	1.47	1.50	1.59	1.03	.77	1.80	2.88	1.30	1.36	1.78	2.02	25.49
.60	1.47	1.62	1.65	1.74	1.18	.86	2.00	3.27	1.45	1.51	1.90	2.17	27.16
.70	1.62	1.77	1.80	1.89	1.33	.99	2.20	3.66	1.60	1.66	2.05	2.32	28.83
.80	1.77	1.92	1.95	2.04	1.48	1.14	2.40	4.05	1.75	1.81	2.20	2.47	30.50
.90	1.92	2.07	2.10	2.19	1.63	1.29	2.60	4.44	1.90	1.96	2.35	2.62	32.17
.95	2.07	2.22	2.25	2.34	1.78	1.44	2.80	4.83	2.05	2.11	2.50	2.75	33.84
ALPHA	1.98	3.82	2.90	2.90	2.63	1.76	4.55	8.44	1.55	2.10	4.79	1.93	18.46
BETA	1.69	4.63	3.92	3.66	3.53	2.74	4.43	8.36	1.17	1.60	4.40	1.54	1.39
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	5.67	2.73	1.42	2.70	1.64	1.70	1.81	2.51	1.03	1.21	3.04	12.60	38.06
1952	5.46	2.34	5.13	.45	.98	.98		3.440	1.81	.00	.96	1.67	
1953	2.81	1.72	4.78	2.79	2.24	1.95	2.14	1.23	.27	2.24	1.47	.71	24.35
1954	1.50	1.27	3.55	.34	.46	.69	2.62	1.43	3.12	1.43	1.47	1.74	19.62
1955	2.14	4.21	2.45	1.44	2.05	.76	3.05	3.64	.38	.92	3.65	2.10	26.79
1956	6.37	3.66	.50	1.48	1.09	1.24	1.54	1.46	.42	1.94	1.94	2.23	23.87
1957	11.09	3.39	3.74	3.95	3.93	1.78	2.37	3.03	.22	3.37	2.38	3.06	42.31
1958	1.65	2.90	3.45	1.68	.85	.83	.35	1.81	1.32	.63	1.35	1.71	17.93
1959	1.23	3.99	1.41	2.62	1.10	.85	1.01	1.66	4.22	2.39	.67	.80	22.05
1960	1.25	3.73	3.02	.66	.77	.49	1.75	1.62	1.37	1.34	2.13	1.77	19.90
1961	.85	1.20	3.66	2.23	1.27	.14	.94	1.65	5.15	3.09	2.16	1.89	24.23
1962	4.88	4.35	1.61	1.70	1.64	.31	1.14	1.03	1.11	.97	.91	.73	20.38
1963	2.90	1.85	2.24	1.80	.47	1.04	1.42	3.23	.91	1.29	.92	.99	19.06
1964	1.70	.47	4.20	3.19	1.87	1.55	2.94	2.81	1.12	.16	2.51	6.96	29.48
1965	3.21	1.40	4.73	2.13	1.62	1.59	2.87	2.38	3.51	.56	4.06	2.71	30.77
1966	.82	1.18	.89	1.06	1.81	1.93	1.49	1.75	.69	1.37	1.82	5.76	20.57
1967	3.53	1.89	1.30	.91	2.29	2.53	2.02	3.14	2.11	.53	1.47	3.77	25.49
1968	1.43	2.63	1.63	3.39	1.16	.08	3.66	2.07	.92	1.01	1.93	2.59	22.50
1969	6.79	2.38	.74	.91	.35	3.78	1.94	2.29	2.64	4.89	1.18	2.75	30.64
1970	1.93	1.13	3.14	2.67	.25	1.77	2.42	2.27	3.98	2.73	2.57	2.96	27.82

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							66.9	35.2	18.9	14.9	1.7	.0	
51-52	T	.0	.0	2.0	40.6	116.4	73.0	23.6	62.4	4.9	.0	.0	322.9
52-53	T		.0	.0	10.1	19.9	48.4	30.4	39.0	18.1	2.0	T	
53-54	.0	.0	T	4.5	10.6	8.8	22.1	10.2	32.1	T	5.0	T	93.3
54-55	.0	.0	.0	T	19.0	7.0	31.5	57.5	26.0	6.0	1.0	.0	148.0
55-56	T	.0	.0	7.0	49.3	34.5	96.0	41.6	5.7	8.0	T	.0	242.1
56-57	.0	.0	.0	14.0	23.5	28.8	146.5	32.0	41.0	30.0	16.0	T	331.8
57-58	.0	.0	.5		32.5	56.5	22.5	51.5	47.5	15.5	T	.0	
58-59	.0	.0	.0	3.0	14.5	23.5	19.5	57.0	19.0	23.5	2.0	.0	162.0
59-60	.0	.0	14.0	17.0	8.0	13.5	23.9	54.0	36.0	4.0	1.5	.0	171.9
60-61	.0	.0	T	7.5	25.0	24.5	15.0	20.0	58.5	24.0	7.0	.0	181.5
61-62	.0	.0		16.0	34.5	26.0	66.5	70.5	33.0	20.0	5.0	.0	
62-63	.0	.0	.0	.0	9.5	12.0	41.0	21.5	28.5	19.5	.0	.0	132.0
63-64	.0	.0	.0	5.0	12.5	16.0	32.5	9.1	68.0	46.0	12.0	.5	201.6
64-65	.0	.0	.0	3.0	42.0	105.5	66.0	25.0	87.0	21.0	5.0		
65-66	.0	.0	.5	T		43.0	15.5	20.5	15.0	14.5	9.0	.0	
66-67	.0	.0	T	4.0	24.5	37.5	54.0	35.5	22.0	14.0	12.0	.0	203.5
67-68	.0	.0	.0	1.0	32.5	70.5	29.0	48.5	31.5	47.5	5.0	.0	265.5
68-69	.0	.0	.0	4.0	34.0	44.5	117.5	41.5	9.5	7.5	.0	4.5	263.0
69-70	.0	.0	.0	55.0	18.0	46.5	29.8	24.5	55.3	37.0	.0	.0	266.1

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.0	30.3	37.5	47.2	60.1	67.9	79.1	73.5	70.7	54.8	34.3	25.4	50.6
1952	23.0	24.8	31.3	47.2	61.4	74.2	76.8M		71.3M	64.7	37.8	25.3	
1953	31.8	29.9	39.1	45.1	56.0	72.9	76.7	72.9	70.5	57.7	42.4	30.1	52.1
1954	35.4	41.7	37.9	54.0	64.0	72.3	77.6	74.5	65.9	57.6	47.4	28.5	54.7
1955	26.1	26.8	36.2	45.9	57.8	67.8	76.9	75.0	70.6	58.5	37.7	31.3	50.9
1956	32.5M	25.0	37.3	46.5	63.6	74.6	76.5	71.8	72.7	58.1	34.5	27.3	51.7*
1957	24.6	34.5	35.5	42.3	52.2	68.1	74.5	73.0	67.1	52.6	33.6	30.3	49.0
1958	25.3	34.8	35.7	43.5	63.3	73.4	76.3	77.6	68.9	60.2	42.7	37.2	53.2
1959	31.6	32.3	38.0	46.7	59.5	74.2	77.3	73.0	64.6	53.8	44.9	37.8	52.8
1960	30.3	27.1	41.1	50.4	59.6	72.4	77.9	77.0	69.7	55.5	42.5	32.1	53.0
1961	32.5	36.4	40.7	46.0	61.8	73.9	77.6	75.5	59.7	56.7	38.6	26.8	52.2
1962	22.8	33.2	32.1	49.7	60.0	69.4	74.7	75.7	68.1	63.4		42.1	
1963	30.3	37.6	39.1	51.7	64.7	72.3	78.7	73.3	72.8	66.4	51.6	40.0	56.5
1964	25.2	27.0	32.1	44.5	60.9	69.0	79.1	72.5	67.5	63.5	45.4	26.7	51.1
1965	27.8	28.2	31.7	45.3	57.1	67.1	73.9	70.8	61.6	64.8	47.6	31.1	50.6
1966	23.5	28.0	41.2	49.9	65.3	69.8	79.1	76.2	70.0	56.8	42.9	27.1	52.5
1967	28.8	31.5	42.2	49.7	56.3	65.1	75.6	72.3	66.2	57.5	44.4M	26.9	51.4*
1968	27.0	32.8	38.5	42.8	55.7	71.7	75.4	68.8	64.3	56.8	34.2	27.4	49.6
1969	30.5	28.5	34.1	49.9	64.3	65.1	76.1	77.0	66.4	43.4	36.5	30.6	50.2
1970	27.1	34.6	35.0	41.4	61.5	68.7	76.7	76.4	63.6	47.1	37.9	27.8	49.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 1.2	3.1	8.0	20.9	27.8	30.5	37.1	36.3	25.5	20.1	2.6	- 1.5	17.4
1952	- 2.0	- 5.1	1.1	17.1	25.9	32.6	35.6M		31.8M	19.6	8.5	- 2.4	
1953	5.4M	- 3.4	9.8	16.4	24.9	33.8	43.5	37.3	29.6	23.2	14.6	2.7	19.8*
1954	5.4	6.3	12.1	24.3	30.5	34.1	44.5	39.1	36.8	27.1	16.6	- 4.4	22.7
1955	- 4.3	- 6.7	6.5	15.1	28.7	33.3	39.9	42.1	31.0	22.7	11.4	6.4	18.8
1956	7.6M	- .4	6.3	19.2	30.9	35.4	39.5	35.9	30.8	23.5	3.6	- 2.5	19.2*
1957	3.9	10.6	14.1	20.7	26.7	35.1	41.7	41.7	29.7	27.1	9.1	2.2	21.9
1958	- 4.6	8.3	7.6	16.3	31.4	36.1	37.6	41.5	33.9	23.7	13.6	9.1	21.2
1959	.8	3.7	7.7	18.3	29.9	37.7	38.3	40.9	31.7	24.4	13.4	5.6	21.0
1960	- .5	1.1	13.9	21.4	27.5	35.4	38.7	38.4	34.8	25.9	10.4	- .8	20.5
1961	- 7.1	1.3	12.1	18.3	29.4	35.4	38.8	42.4	31.5	24.2	7.6	- .6	19.4
1962	- 6.1	8.5	2.3	21.4	26.4	33.7	38.1	36.3	32.5	24.1	15.5	4.2	19.9
1963	- 1.3	5.0	7.1	22.2	30.7	33.8	41.2	42.9	35.1	27.5	14.6	.3	21.6
1964	- 5.8	- 5.2	1.8	18.0	28.1	35.0	42.2	38.5	32.0	23.4	14.2	1.1	18.6
1965	4.8	- 1.0	6.4	20.8	28.4	35.1	42.3	38.7	32.9	23.7	17.1	2.8	21.0
1966	-10.6	- 6.3	7.6	19.9	30.0	35.3	43.0	39.4	32.8	23.7	13.9	- .1	19.1
1967	1.9	1.7	15.8	21.9	28.6	35.5	42.4	38.8	33.5	24.5	15.6M	1.7	21.8*
1968	- 4.2	4.6	7.1	14.7	27.5	34.5	41.1	39.7	28.8	24.6	7.7	2.2	19.1
1969	5.6	.0	4.5	21.5	31.5	34.0	41.8	41.5	34.7	19.8	6.4	3.9	20.4
1970	- 2.0	1.0	5.5	12.5	27.3	35.0	40.5	40.6	30.4	19.2	14.4	- .8	18.6

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	12.4	16.7	22.8	34.1	44.0	49.2	58.1	54.9	48.1	37.5	18.5	12.0	34.0
1952	10.5	9.9	16.2	32.2	43.7	53.4	56.2M		51.6M	42.2	23.2	11.5	
1953	18.6M	13.3	24.5	30.8	40.5	53.4	60.1	55.1	50.1	40.5	28.5	16.4	36.0*
1954	20.4	24.0	25.0	39.2	47.3	53.2	61.1	56.8	51.4	42.4	32.0	12.1	36.7
1955	10.9	10.1	21.4	30.5	43.3	50.6	58.4	58.6	50.8	40.6	24.6	18.9	34.9
1956	20.1M	12.3	21.8	32.9	47.3	55.0	58.0	53.9	51.8	40.8	19.1	12.4	35.5*
1957	14.3	22.6	24.8	31.5	39.5	51.6	58.1	57.4	48.4	39.9	21.4	16.3	35.5
1958	10.4	21.6	21.7	29.9	47.4	54.8	57.0	59.6	51.4	42.0	28.2	23.2	37.3
1959	16.2	18.0	22.9	32.5	44.7	56.0	57.8	57.0	48.2	39.1	29.2	21.7	36.9
1960	14.9	14.1	27.5	35.9	43.6	53.9	58.3	57.7	52.3	40.7	26.5	15.7	36.8
1961	12.7	18.9	26.4	32.2	45.6	54.7	58.2	59.0	45.6	40.5	23.1	13.1	35.8
1962	8.4	20.9	17.2	35.6	44.2	51.6	56.4	56.0	50.3	43.8		23.2	
1963	14.5	21.3	23.1	37.0	47.7	53.1	60.0	58.1	54.0	47.0	33.1	20.2	39.1
1964	9.7	10.9	17.0	31.3	44.5	52.0	60.7	55.5	49.8	43.5	29.8	13.9	34.9
1965	16.3	13.6	19.1	33.1	42.8	51.1	58.1	54.8	47.3	44.3	32.4	17.0	35.8
1966	6.5	10.9	24.4	34.9	47.7	52.6	61.1	57.8	51.4	40.3	28.4	13.5	35.8
1967	15.4	16.6	29.0	35.8	42.5	50.3	59.0	55.6	49.9	41.0	30.0M	14.3	36.6*
1968	11.4	18.7	22.8	28.8	41.8	53.1	58.3	54.3	46.6	40.7	21.0	14.8	34.4
1969	18.1	14.3	19.3	35.7	47.9	49.6	59.0	59.3	50.6	31.6	21.5	17.3	35.4
1970	12.6	17.8	20.3	27.0	44.4	51.9	58.6	58.5	47.0	33.2	26.2	13.5	34.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DEL NORTE

05 2184 5

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN: NO OF DAYS			SHOW, SECT				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	36.2	7.5	21.8	55.	1970	25	-34.	1963	13	0.0	10.2	30.8	7.3	.36	.58	1952	18	6.1				1.1	0.0	0.0
FEB	40.6	11.7	26.2	62.	1963	6	-25.	1951	1	0.0	5.5	28.1	3.9	.37	.57	1965	10	6.2	5.	1964	2	1.8	.1	0.0
MAR	47.7	18.3	33.0	72.	1966	31	-10.	1952	22	0.0	1.9	30.3	1.2	.60	.80	1958	23	7.1	5.	1970	27	2.1	.2	0.0
APR	57.7	27.0	42.4	77.	1962	15	4.	1959	10	0.0	0.0	24.2	0.0	.70	1.36	1952	20	6.1	4.	1955	6	1.7	.3	0.0
MAY	67.3	35.4	51.4	84.	1968	28	16.	1967	1	0.0	0.0	8.6	0.0	.82	.78	1968	11	1.0	0.	0	0	2.2	.4	0.0
JUN	75.3	42.0	58.7	90.	1954	23	26.	1954	7	0.0	0.0	.7	0.0	.66	1.33	1969	26	0.0	0.	0	0	2.4	.2	.1
JUL	78.9	48.1	63.5	91.	1951	7	32.	1955	12	.1	0.0	0.0	0.0	1.66	1.39	1957	8	0.0	0.	0	0	4.7	.8	.1
AUG	76.9	46.6	58.7	88.	1954	2	32	1964	21	0.0	0.0	.1	0.0	1.79	1.30	1964	8	.3	0.	0	0	5.9	.6	.1
SEP	72.1	39.1	55.6	84.	1954	1	24.	1970	26	0.0	0.0	2.3	0.0	.91	.95	1954	25	.3	0.	0	0	3.4	.2	0.0
OCT	62.8	31.3	46.6	77.	1953	1	6.	1969	13	0.0	0.0	18.9	0.0	1.02	1.31	1959	1	5.2	11.	1969	12	2.3	.9	.1
NOV	48.0	18.7	33.4	68.	1958	9	-19.	1952	27	0.0	2.3	29.6	.9	.51	.79	1966	8	5.8	6.	1952	24	1.5	.2	0.0
DEC	37.9	9.4	23.7	62.	1958	8	-23.	1967	22	0.0	8.8	30.8	5.8	.58	1.00	1951	30	7.8	2.	1969	29	1.8	.3	0.0
ANNUAL	58.4	27.8	42.9							0.	29.	206.	19.	10.0				46.				31.	4.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.62	0.00	0.00	0.00	0.00	0.00	.28	.44	.04	0.00	0.00	0.00	4.32
.10	.63	0.00	0.00	0.00	.09	0.00	.42	.61	.09	0.00	.09	.05	5.77
.20	.65	.11	.17	.16	.22	.21	.66	.87	.19	.15	.18	.11	6.92
.30	.67	.18	.27	.20	.34	.32	.89	.11	.31	.25	.25	.18	7.45
.40	.68	.24	.38	.24	.47	.44	1.13	.14	.31	.33	.33	.27	8.71
.50	.69	.31	.49	.34	.62	.59	1.38	.18	.31	.48	.48	.38	9.56
.60	.69	.36	.61	.49	.80	.80	1.67	.25	.31	.69	.62	.52	10.47
.70	.69	.47	.76	.68	1.01	.84	1.97	.35	.31	.93	.72	.62	11.50
.80	.68	.59	.95	1.14	1.31	1.05	2.27	.47	.47	1.25	.84	.70	12.80
.90	.64	.78	1.27	1.57	1.80	1.39	2.66	.67	.67	1.70	.95	.95	14.75
.95	1.09	.96	1.58	1.99	2.28	1.71	3.99	.88	.88	2.77	1.05	1.39	14.75
ALPHA	.96	1.93	1.60	1.46	1.36	1.98	1.91	2.71	.96	1.07	1.81	.87	7.82
BETA	.37	.21	.37	.53	.63	.37	.87	.66	.95	1.06	.30	.67	1.28
0	0.00	.10	.10	.10	.05	.10	0.00	0.00	0.00	.10	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 0= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.25	.62	.11	.46	.17	.00	.35	1.39	.18	.44	.37	1.53	5.87
1952	1.62	.07	.52	1.69	.81	.59	2.59	2.75	1.26	T	1.23	.18	13.31
1953	.02	.08	.66	1.14	2.46	.29	2.41	.62	.05	.71	.78	.54	9.76
1954	.23	T	.02	T	1.08	.36	1.47	.84	1.79	.39	.03	.25	6.46
1955	.10	.14	T	1.33	1.08	.21	1.23	1.54	.57	T	.36	.19	6.69
1956	.41	.46	.46	.21	.78	.42	.19	.82	.04	.58	.71	.03	5.11
1957	1.18	.37	.75	2.00	2.67	.62	3.47	2.88	.01	1.46	1.00	.01	16.42
1958	.61	.15	1.23	1.27	.74	.47	1.25	.88	1.16	.44	.35	.60	9.15
1959	.24	.45	.85	.97	1.03	.86	.63	2.33	1.05	3.58	.18	.35	12.52
1960	.64	.15	.10	.14	.37	.50	1.10	.25	.27	2.83	.16	.95	7.46
1961	.08	.24	1.00	.64	.04	.27	.80	3.94	1.17	2.46	.88	.42	11.94
1962	.12	.45	.77	.25	T	.42	1.87	.66	1.18	.90	.76	.14	7.52
1963	.43	.65	.54	.18	.10	.52	.70	2.00	.40	.41	.46	.08	6.47
1964	.17	1.44	.86	.53	.30	.48	.98	2.55	1.71	.02	1.06	1.21	11.31
1965	.34	.86	1.04	1.89	.53	.58	3.42	1.11	1.63	.67	.39	1.52	13.98
1966	.05	.35	T	.10	.46	.51	.67	1.62	.19	.51	.79	.14	5.39
1967	.01	.28	.64	T	1.37	1.79	2.02	3.73	.90	.23	T	2.54	13.51
1968	.12	.28	.84	.69	1.00	T	4.45	2.16	.46	.18	.44	.37	10.99
1969	.14	.36	.42	.27	1.13	3.53	2.97	2.43	2.28	2.70	.11	.51	16.85
1970	.43	T	1.11	.26	.23	.85	.61	1.35	1.90	1.84	.23	.13	8.94

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51	.0	.0	.0	T	6.0	12.0	4.0	10.0	4.5	8.0	T	.0	
51-52	.0	.0	.0	T	6.0	12.0	27.0	.3		4.5	3.0	.0	
52-53	T	5.0	T	.0	16.5	4.0	2.0	4.0	4.0	15.0	7.0	.0	57.5
53-54	.0	T	.0	T	8.0	10.0	5.0	T	T	.0	1.0	.0	24.0
54-55	.0	.0	.0	T	1.0	7.0	1.0	2.0	T	5.0	T	T	20.0
55-56	.0	.0	.0	T	5.0	4.0	6.0	6.0	5.0	T	2.0	.0	
56-57	.0	.0	.0	1.0	10.0	1.0	16.0		4.0	19.0	3.0	.0	
57-58	.0	.0	.0	T	12.0	T	9.5		16.0	11.5	.0	.0	
58-59	.0	.0	.0	T	5.0	9.0	4.0	7.0	11.0	8.0	.0	.0	44.0
59-60	.0	.0	6.0	28.0	1.5	8.0	8.3		T	1.0	T	.0	
60-61	.0	.0	.0	11.0	T	11.5	1.0	3.0	16.0	2.0	T	.0	44.5
61-62	.0	.0	1.0	20.0	13.5	5.0	2.0		10.0		T	.0	
62-63	.0	.0	.0	T	9.0	1.0	7.5			T	.0	.0	
63-64	.0	.0	.0	T		1.0		23.0			T	.0	
64-65	.0	.0	.0	.0	11.0	13.0	4.0	16.5	12.5	12.5	T	.0	69.5
65-66	.0	.0	T	1.0	T	19.0		5.0	T		T	.0	
66-67	.0	.0	.0	1.0	3.0	2.0		7.0	4.0		T	.0	
67-68	.0	.0	.0	2.0	T	35.0	2.5	3.4	11.2	5.7	4.0	.0	67.8
68-69	.0	.0	.0	.0		5.0	2.0	5.3	7.4	T	.0	.0	
69-70	.0	.0	.0	20.0	1.0	7.6	1.5	T	15.1	3.0	1.0	.0	49.2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.2	40.9	47.1	55.9	67.4	75.1	83.5	80.0	74.7	57.9	42.3	33.8	58.2
1952	34.7	35.5	41.2	58.8	66.2	77.9	78.7		74.6M	66.9	41.3	31.5	
1953	42.6	40.4	50.7	55.5	61.4	78.9	79.7	78.0	75.5	63.5	48.2	32.4	58.9
1954	37.1	50.8	47.7	64.8	70.2	77.3	80.3	78.8	73.1	65.0	53.4	38.4	61.4
1955	34.1	37.5	50.1	55.4	65.4	74.0	80.1	79.0	73.3M	65.8	48.1	42.7	58.8*
1956	41.6	36.1	52.9M	57.6M	71.1M	78.4M	79.4	74.8	76.6	63.1	43.5M	41.2	59.7*
1957	36.2	47.2	48.5	53.6M	59.8	74.1	75.6M	74.9	71.9	58.0	39.3	40.4M	56.6*
1958	37.2M	44.6	44.7	54.0M	70.5	77.3M	78.8	79.3	72.8M	63.3	50.0M	47.3	60.0*
1959	36.5	40.0M	49.1M	58.8M	66.0M	77.2	79.4	76.0	73.1M	61.1M	48.2M	41.7M	58.9*
1960	31.1	31.5	50.7M	60.7M	66.3M	77.1	79.0	78.9	73.0	60.8M	51.0M	33.2	57.8*
1961	33.9	43.1M	48.1	57.3	68.0	76.6	77.3	75.5	67.8	61.5	39.7	29.9	56.6*
1962	33.9	43.1	43.6	62.0	67.6	73.8	75.9	77.7	71.2	65.0	51.2	44.6	59.1
1963	33.6	43.5	47.9	59.0	70.2	74.4	80.7	75.5	74.3	66.6	51.1	39.6	59.7
1964	35.1	33.6	40.8	55.3	67.6	73.0	80.6	75.7	69.4	66.0	45.0	31.5	56.1
1965	34.7	37.3	42.5	56.5	64.2	71.6	76.4	75.2	67.1	66.3	52.7	40.2	57.1
1966	30.2	32.5	51.1	60.0	70.8	74.0	80.3	76.5	73.4	63.3M	53.5	40.3	58.8*
1967	40.3	45.3	55.1	57.6	65.4	72.2	79.5	75.6	71.6	67.4	54.5	31.9	59.7
1968	31.5	38.3	49.0	54.1M	66.5	78.4	76.7	73.2	70.8	66.1	46.8	37.0	57.4*
1969	42.3	42.7	46.8	62.4	71.2	70.6	77.5	78.3	69.7	53.3	50.4	38.5	58.6
1970	37.3	48.8	46.8	54.3	65.6	73.7	78.0	78.2	68.3	56.3	50.8	42.7	58.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.3	11.9	16.9	26.6	36.2	39.5	47.6	45.1	35.0	28.0	15.9	8.2	26.9
1952	6.6	8.0	13.8	30.1	36.5	44.3	46.2		39.5	30.3	12.2	2.2	
1953	13.1	10.6	21.1	26.3	33.5	43.4	49.6	45.5	38.1	30.7	20.0	5.5	28.1
1954	9.2	18.8	15.9	30.1	36.6	42.4	49.8	45.1	40.5	32.3	22.3	9.2	29.6
1955	5.9	5.4	18.6	24.1	34.0	39.5	46.0	48.4	39.3	29.0	18.2	13.4	26.8
1956	14.5M	8.3	19.6	27.1	37.4	44.5	47.0	44.6	39.3	29.7	14.4	12.3	28.2*
1957	10.8	20.4	21.3	25.2	33.3	42.0	49.3	48.2	36.8	31.9	14.1	10.7	28.7
1958	7.6	16.6	17.5	26.0	37.5	43.7	46.5	47.7	40.7	31.5	19.0	15.6	29.2
1959	7.1	11.9	18.6	27.8	34.9	45.2	46.6	48.4	38.5	25.6M	18.8M	14.5	28.5*
1960	2.3	6.1	21.4	28.0	33.5	44.0	47.6	45.3	40.8	30.9	20.7	7.5	27.3
1961	5.5	14.1	21.3	26.8	35.3	43.2	46.8	48.3	37.1	29.5	14.8	2.8	27.1
1962	7.2	18.4	14.6	30.1	34.3	40.6	46.4	44.4	40.2	32.0	21.6	15.1	28.7
1963	3.4	14.7	19.5	28.3	38.4	41.0	49.3	48.1	42.7	34.4	20.2	9.0	25.1
1964	5.5	2.0	11.7	25.1	36.2	40.7	49.5	46.0	40.3	30.6	18.3	4.9	25.9
1965	6.9	8.5	14.4	27.9	34.2	40.3	48.6	45.1	38.1	31.4	23.7	13.3	27.7
1966	2.9	3.7	19.2	28.0	36.1	42.2	50.8	46.8	40.6	30.4M	22.4	12.1	27.9*
1967	8.3	14.1	24.3	27.4	34.9	40.4	50.0	45.5	39.6	29.6	20.3	4.9	28.3
1968	.9	11.8	18.6	24.1M	34.0	42.1	47.5	44.7	35.2	31.0	17.7	5.9	28.2*
1969	13.5	11.4	16.3	28.6	36.7M	40.6	49.6	49.5	40.6	26.7	18.6	10.8	28.6*
1970	6.8	16.8	17.7	21.9	35.1	40.0	48.2	48.8	37.8	26.6	19.9	10.9	27.5

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.3	26.4	32.0	41.3	51.8	57.3	65.6	62.6	54.9	43.0	29.1	21.0	42.5
1952	20.7	21.8	27.5	44.5	51.4	61.1	62.5	.0	57.1M	48.6	26.8	16.9	36.6*
1953	27.9	25.5	35.9	40.9	47.5	61.2	64.7	61.8	56.8	47.1	34.1	19.0	43.5
1954	23.2	34.8	33.3	47.5	53.4	59.9	65.1	62.0	56.8	48.7	37.9	23.8	45.5
1955	20.0	21.5	34.4	39.8	49.7	56.8	63.1	63.7	56.3M	47.4	33.2	28.1	42.8*
1956	28.1M	22.2	36.3M	42.4M	54.3M	61.5M	63.2	59.7	58.0	46.4	29.0M	26.8	44.0*
1957	23.5	33.8	34.9	39.4M	46.6	58.1	62.5M	61.6	54.4	45.0	26.7	25.6M	42.7*
1958	22.4M	30.6	31.1	40.0M	54.0	60.5M	62.7	63.5	56.8M	47.4	34.5M	31.5	44.6*
1959	21.8	26.0M	33.9M	43.3M	50.5M	61.2	63.0	62.2	55.8M	45.4M	33.5M	28.1M	43.7*
1960	16.7	18.8	36.1M	44.4M	49.9M	60.6	63.3	62.1	56.9	45.9M	35.9M	20.4	42.6*
1961	19.7	28.6M	34.7	42.1	51.7	59.9	62.1	61.9	52.5	45.5	27.3	16.4	41.9*
1962	20.6	30.8	29.1	46.1	51.0	57.2	61.2	61.1	55.7	48.5	36.4	29.9	44.0
1963	18.5	29.1	33.7	43.7	54.3	57.7	65.0	61.8	58.5	50.5	35.7	24.3	44.4
1964	20.3	17.8	28.3	40.2	51.9	56.9	65.1	60.9	54.9	48.3	31.7	18.2	41.0
1965	20.8	22.9	28.5	42.4	49.2	56.0	62.5	60.2	52.6	48.9	38.2	26.8	42.4
1966	16.6	18.1	35.2	44.0	53.5	58.1	65.6	61.7	57.0	46.9M	38.0	26.2	43.4*
1967	24.3	29.7	39.7	42.5	50.2	56.3	64.8	60.6	55.6	48.5	37.4	18.4	44.0
1968	16.2	25.1	33.8	39.1M	50.3	60.3	62.1	59.0	53.5	46.6	32.3	21.5	41.8*
1969	27.9	27.1	31.6	45.5	54.0M	55.6	63.6	63.9	55.2	40.0	34.5	24.7	43.6*
1970	22.1	32.8	32.3	38.1	52.4	56.9	63.1	63.5	53.1	41.5	35.4	26.8	43.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DELTA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

YEAR'S	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	EXTREMES											MEAN NO OF DAYS				SNOW, SLEET						MEAN NO OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	39.7	13.6	26.7	66.	1956	8	-25.	1963	13	0.0	6.5	30.0	3.5	.35	.41	1957	26	3.7	5.	1963	22	1.1	0.0	0.0	
FEB	47.3	18.6	33.0	72.	1962	11	-27.	1951	1	0.0	1.8	27.0	.8	.39	.48	1969	7	2.9	5.	1957	1	1.5	0.0	0.0	
MAR	56.4	24.2	40.3	80.	1963	31	3.	1966	4	0.0	.1	26.7	0.0	.42	.33	1958	22	1.6	4.	1960	2	1.8	0.0	0.0	
APR	67.5	32.3	49.9	88.	1962	15	12.	1970	4	0.0	0.0	15.8	0.0	.56	.55	1960	12	.2	0.	0	0	1.6	.1	0.0	
MAY	78.5	41.6	60.0	99.	1954	20	20.	1970	1	2.5	0.0	2.5	0.0	.56	.55	1966	12	0.0	0.	0	0	2.2	.1	0.0	
JUN	87.5	48.4	68.0	106.	1954	23	29.	1954	2	13.5	0.0	.1	0.0	.53	1.27	1969	24	0.0	0.	0	0	1.5	.1	.1	
JUL	93.1	54.5	73.8	103.	1954	11	40.	1956	9	24.6	0.0	0.0	0.0	.62	.60	1967	18	0.0	0.	0	0	2.1	.1	0.0	
AUG	89.3	52.8	71.0	101.	1969	8	38.	1968	24	17.0	0.0	0.0	0.0	1.11	1.42	1964	13	0.0	0.	0	0	3.2	.4	.1	
SEP	81.7	43.8	62.8	97.	1955	4	23.	1970	26	4.8	0.0	1.4	0.0	.90	.82	1965	18	0.0	0.	0	0	2.9	.5	0.0	
OCT	69.6	33.4	51.5	87.	1957	1	14.	1970	29	0.0	0.0	14.4	0.0	.93	1.60	1957	13	.1	0.	0	0	2.6	.4	.1	
NOV	52.7	22.6	37.7	74.	1958	10	-10.	1952	27	0.0	.6	26.1	.3	.54	.62	1954	29	2.2	11.	1954	30	1.6	.2	0.0	
DEC	45.4	14.4	27.4	62.	1964	23	-14.	1968	22	0.0	5.7	29.9	2.3	.41	.63	1962	19	3.4	8.	1954	1	1.6	.1	0.0	
TOTAL	67.0	33.3	50.2							63.	15.	174.	7.	7.3				14.				24.	2.	0.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	.03	.07	.05	.04	.12	.26	0.00	0.00	.18	.11	4.05
.10	.06	0.00	.06	.11	.09	.07	.18	.36	.04	0.00	.23	.15	4.63
.20	.10	.11	.12	.19	.17	.14	.27	.52	.14	.22	.31	.21	5.35
.30	.15	.18	.18	.27	.25	.21	.35	.67	.26	.42	.37	.26	5.99
.40	.21	.25	.24	.35	.33	.29	.44	.81	.40	.60	.43	.31	6.54
.50	.27	.32	.31	.45	.43	.38	.53	.97	.58	.78	.49	.36	7.09
.60	.34	.40	.40	.56	.54	.50	.63	1.14	.79	.98	.56	.42	7.66
.70	.42	.49	.52	.69	.69	.64	.76	1.34	1.08	1.21	.64	.49	8.31
.80	.55	.62	.67	.87	.88	.83	.92	1.61	1.48	1.52	.74	.57	9.11
.90	.75	.83	.93	1.17	1.21	1.17	1.19	2.04	2.16	2.01	.90	.72	10.31
.95	.95	1.02	1.19	1.46	1.54	1.49	1.44	2.44	2.58	2.47	1.04	.86	11.37
ALPHA	1.32	1.83	1.21	1.52	1.32	1.16	2.15	2.53	.90	2.05	3.98	2.99	10.56
BETA	.26	.24	.35	.37	.43	.45	.29	.44	1.05	.53	.13	.14	.69
Q	0.00	.10	0.00	0.00	0.00	0.00	0.00	0.00	.05	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.55	.38	.04	.36	.45	.06	.40	.66	.19	.76	.24	.40	4.49
1952	.63	.21	.56	.88	.50	.14	.76	2.06	.83	T	.46	.16	7.19
1953	.20	.09	.59	1.04	.44	.44	1.22	.87	T	1.73	.62	.21	7.45
1954	.68	.02	.34	.33	.12	.26	.47	.38	1.36	1.25	1.31	.25	6.17
1955	.18	.69	.01	.42	1.30	.34	.53	.56	.21	.12	.31	.31	4.98
1956	.47	.19	.26	.29	.05	.30	.41	.41	.03	.61	.47	.36	3.85
1957	1.04	.28	.27	1.64	2.01	.60	1.26	3.02	.01	2.86	.79	.28	14.06
1958	.50	.66	1.08	.12	.29	1.00	.27	.58	.75	.71	.43	.03	6.42
1959	.13	.65	.33	.44	.29	.39	.29	1.42	.87	1.76	.14	.61	7.32
1960	.58	.72	.69	1.06	.38	.30	.10	1.04	.17	.84	.32	.47	6.67
1961	.02	.33	.83	.43	.36	.03	.12	.72	2.90	1.40	.59	.45	8.18
1962	.20	.61	.19	.96	.23	.31	.28	.34	1.49	1.10	.66	.72	7.09
1963	.34	.28	.60	.05	.36	.18	.39	1.01	.50	1.11	.35	.19	5.36
1964	.15	T	.34	.71	.75	.19	.59	3.11	.72	.00	1.02	.39	7.97
1965	.54	.27	.60	.64	.87	1.02	.93	.92	2.47	.60	.80	.69	10.35
1966	.09	.19	.05	.41	.84	.33	.23	.46	.59	.19	.63	.64	4.65
1967	.20	.31	.04	.02	.81	.93	1.69	1.90	.81	T	.27	.74	7.72
1968	.11	1.07	.32	.52	.82	.07	1.24	.97	.16	.34	.61	.30	6.53
1969	.52	.81	.31	.20	.40	2.29	.51	.70	1.46	2.23	.32	.55	10.70
1970	.04	T	1.03	.77	.01	1.33	.72	1.02	2.44	1.04	.38	.40	9.18

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.3	4.2	.5	.2	.1	.0	21.3
51-52	.0	.0	.0	.0	.8	5.6	6.4	2.5	6.0	.0	.0	.0	14.4
52-53	.0	.0	.0	.0	5.4	2.7	2.7	1.7	1.4	.5	T	.0	
53-54	.0	.0	.0	.0	.9	2.9	.8	.3	.2	T	.0	.0	
54-55	.0	.0	.0	.0	13.0	3.6	2.2	9.7	T	T	T	T	28.5
55-56	.0	.0	.0	.0	.7	1.1	1.1	2.4	3.5	T	.0	.0	8.8
56-57	.0	.0	.0	T	5.2	4.3	11.9	.0	T	3.0	.0	.0	24.4
57-58	.0	.0	.0	.0	.7	1.5	7.5	3.2	1.0	T	.0	.0	13.9
58-59	.0	.0	.0	.0	T	.5	2.2	3.5	.2	.0	.0	.0	6.4
59-60	.0	.0	.0	.0	.0	4.8	4.7	9.4	3.5	.0	.0	.0	22.4
60-61	.0	.0	.0	.0	.3	5.0	.4	5.0	3.5	.0	.0	.0	14.2
61-62	.0	.0	.0	T	.0	5.3	2.5	.6	2.0	T	.0	.0	10.4
62-63	.0	.0	.0	.0	4.0	1.5	6.5	2.0	T	T	.0	.0	14.0
63-64	.0	.0	.0	.0	.0	2.5	2.5	T	2.4	T	.0	.0	
64-65	.0	.0	.0	.0	8.5	.8	4.0	2.0	.8	T	.0	.0	16.1
65-66	.0	.0	.0	.0	1.0	2.5	1.3	1.8		.5	.0	.0	
66-67	.0	.0	.0	.0	.0	3.5	3.5	3.0	T	.0	.0	.0	10.0
67-68	.0	.0	.0	.0	.5	9.8	2.5	2.0	T	.5	.0	.0	15.3
68-69	.0	.0	.0	.0	.0	4.0	3.0	4.5	1.6	.0	.0	.0	13.1
69-70	.0	.0	.0	2.1	.2	3.3	.9	T	3.9	T	.0	.0	10.4

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.3	45.9	57.1	67.8	78.2	85.3	95.4	90.0	85.8	69.6	48.8	36.5	66.8
1952	39.6	45.0	51.7	69.6	79.7	90.4	93.2	89.7	85.4	76.6	47.3	36.2	67.0
1953	44.6	47.8	60.5	64.8	72.4	90.6	93.7	87.7	87.6	71.3	54.6	37.5	67.8
1954	45.0	57.6	55.8	75.3	84.3	90.7	96.0	90.7	81.2	70.8	57.6	36.6	70.1
1955	37.9	37.8	55.8	66.7	76.8	85.7	94.8	91.2	85.7	73.3	50.2	46.6	66.9
1956	48.0	45.4	59.7	68.2	81.6	91.8	92.9	88.5	87.6	71.6	46.4	36.7	68.2
1957	37.8	47.3	57.4	63.2	71.8	86.6	89.7	87.2	80.9	65.6	46.6	44.1	64.9
1958	40.4	50.2	51.7	64.7	82.4	90.7	92.5	92.7	81.0	70.8	53.4	48.1	68.2
1959	43.1	48.2	57.2	69.6	78.7	91.3	94.4	87.6	78.4	65.9	52.9	41.8	67.4
1960	35.1	38.7	57.7	70.1	77.7	89.8	95.0	91.6	83.2	66.2	55.2	37.8	66.5
1961	40.9	49.9	56.2	66.2	80.1	91.3	92.5	89.3	72.0	66.7	49.7	34.3	65.8
1962	35.0	49.2	54.4	72.8	77.3	97.0	91.0	90.7	81.8	70.0	57.1	42.5	67.4
1963	27.3	50.9	56.9	68.8	82.7	85.9	94.2	86.1	83.5	74.1	55.9	40.6	67.2
1964	38.7	43.3	50.9	64.3	77.7	85.1	94.6	86.1	79.3	72.9	48.3	40.0	65.1
1965	42.6	46.3	51.9	65.3	74.5	82.9	89.8	88.8	74.3	70.8	56.8	44.1	65.7
1966	38.4	42.8	61.8	59.1	81.2	87.7	94.2	90.6	82.6	67.9	56.7	39.7	67.7
1967	38.3	49.6	63.7	67.4	74.6	81.8	91.0	88.8	81.3	71.4	55.2	32.7	66.3
1968	32.9	48.2	59.0	61.1	73.3	86.2	90.0	82.3	79.7	71.4	50.2	40.5	64.6
1969	44.3	45.1	53.8	72.3	83.3	82.7	93.8	93.5	83.4	60.8	55.1	45.9	67.8
1970	43.4	57.2	53.9	61.9	80.8	86.3	92.8	92.6	79.4	63.6	55.2	46.6	67.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.0	18.3	24.2	33.8	42.4	44.9	53.2	50.6	40.0	32.5	20.0	12.9	32.2
1952	17.9	16.9	23.3	33.0	43.7	49.6	53.5	52.9	43.9	29.1	17.0	13.1	32.8
1953	19.3	15.4	24.1	30.7	37.4	51.2	55.0	49.5	39.6	30.3	22.6	10.2	32.1
1954	15.6	17.1	22.1	33.0	40.6	48.0	58.3	51.1	47.4	35.3	23.0	11.4	33.6
1955	14.2	10.5	24.5	30.7	41.6	48.3	54.8	56.7	44.3	31.9	21.7	21.6	33.4
1956	22.6	15.8	20.4	32.0	40.8	47.8	52.4	49.6	41.6	33.4	15.4	6.9	31.6
1957	16.7	20.9	26.6	32.8	38.9	47.0	53.7	54.6	39.6	36.6	21.9	15.7	33.8
1958	10.0	23.1	24.0	29.2	44.0	50.9	52.1	54.6	46.7	33.2	23.6	17.7	34.1
1959	14.9	22.4	24.1	33.8	44.3	52.3	56.0	54.3	44.7	33.8	19.5	18.2	34.9
1960	13.2	18.8	27.6	34.0	40.7	49.4	53.5	51.5	47.0	35.8	24.0	12.3	34.0
1961	7.5	20.5	29.0	33.6	43.7	50.7	54.1	56.3	42.9	35.3	22.9	10.5	33.9
1962	8.5	25.4	21.9	36.2	42.8	48.5	52.3	51.1	45.0	36.0	26.9	15.6	34.2
1963	3.5	22.9	25.4	33.8	44.1	48.6	55.8	56.3	47.1	39.5	26.1	12.3	34.6
1964	8.2	11.3	20.3	33.3	41.9	47.0	55.1	52.9	44.1	33.5	23.4	19.2	32.5
1965	20.9	18.5	23.5	33.8	40.8	47.0	54.5	51.0	43.4	33.1	29.7	20.6	34.7
1966	11.4	15.8	23.0	32.3	43.5	50.6	58.1	53.4	45.8	33.0	27.6	16.1	34.2
1967	15.6	19.4	30.9	33.8	40.8	48.2	56.0	53.2	47.6	34.5	23.0	11.8	34.6
1968	5.8	24.0	24.9	30.1	40.9	47.7	56.4	51.5	41.0	30.9	21.8	7.5	31.9
1969	18.7	18.3	19.5	29.2	40.2	43.4	52.7	51.9	43.4	30.7	18.8	16.6	32.1
1970	15.1	17.5	24.1	26.2	36.8	47.2	52.7	52.1	40.6	29.4	23.7	15.8	31.9

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.2	32.1	40.7	50.8	60.3	65.1	74.3	70.3	62.9	51.1	34.4	24.7	49.5
1952	28.8	31.0	37.5	51.3	61.7	70.0	73.4	71.3	64.7	52.9	32.2	24.7	50.0
1953	32.0	31.6	42.3	47.8	54.9	70.9	74.4	68.6	63.6	50.8	38.6	23.9	50.0
1954	30.3	37.4	39.0	54.2	62.5	69.4	77.2	70.9	64.3	53.1	40.3	24.0	51.9
1955	26.1	24.2	40.2	48.7	59.2	67.0	74.8	74.0	65.0	52.6	36.0	34.1	50.2
1956	35.3	30.6	40.1	50.1	61.2	69.8	72.7	69.1	64.6	52.5	30.9	21.8	49.9
1957	27.3	34.1	42.0	48.0	55.4	66.8	71.7	70.9	60.3	51.1	34.3	29.9	49.3
1958	25.2	36.7	37.9	47.0	63.2	70.8	72.3	73.7	63.9	52.0	38.5	32.9	51.2
1959	29.0	35.3	40.7	51.7	61.5	71.8	75.2	71.0	61.6	49.9	36.2	30.0	51.2
1960	24.2	28.8	42.7	52.1	59.2	69.6	74.3	71.6	65.1	51.0	39.6	25.1	50.3
1961	24.2	35.2	42.6	49.9	61.9	71.0	73.3	72.8	57.5	51.0	36.3	22.4	49.8
1962	21.8	37.3	38.2	54.5	60.1	67.8	71.7	70.9	63.4	53.0	42.0	29.1	50.8
1963	15.4	36.9	41.2	51.3	63.4	67.3	75.0	71.2	65.3	56.8	41.0	26.5	50.9
1964	23.5	27.3	35.6	48.8	59.8	66.1	74.9	69.5	61.7	53.2	35.9	29.6	48.8
1965	31.8	32.4	37.7	49.6	57.7	65.0	72.2	69.9	58.9	52.0	43.3	32.4	50.2
1966	24.9	29.3	42.4	50.7	62.4	69.2	76.2	72.0	64.2	50.5	42.2	27.9	51.0
1967	27.0	34.5	47.3	50.6	57.7	65.0	73.5	71.0	64.5	53.0	39.1	22.3	50.5
1968	19.4	36.1	42.0	45.6	57.1	67.0	73.2	66.9	60.4	51.2	36.0	24.0	48.2
1969	31.5	31.7	36.7	50.8	61.8	63.1	73.3	72.7	63.4	45.8	37.0	32.3	50.0
1970	29.3	37.4	39.0	44.1	59.8	66.8	72.8	72.4	60.0	46.5	39.5	31.2	49.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DENVER W6AP

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEARS	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	EXTREMES												MEAN NO OF DAYS						SIZE, SHEET							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW	0 OR BELOW									0 OR BELOW	.10 OR MORE	.50 OR MORE
JAN	44.0	16.8	30.4	72.	1956	5	-25.	1965	12	0.0	6.0	29.5	2.9	.52	.92	1962	8	7.1	12.	1962	10	1.6	.1	0.0		
FEB	46.5	19.7	33.1	76.	1963	5	-25.	1951	1	0.0	4.5	26.1	1.7	.81	1.01	1953	19	9.6	10.	1953	19	2.6	.2	0.0		
MAR	49.9	23.8	36.9	83.	1963	28	-8.	1960	3	0.0	4.3	25.8	.8	1.25	1.39	1959	25	14.6	13.	1952	21	3.9	.2	.1		
APR	60.8	33.3	47.1	85.	1960	21	7.	1959	12	0.0	.5	13.3	0.0	1.62	3.25	1967	13	9.0	16.	1957	2	3.2	.9	.1		
MAY	71.0	43.9	57.5	91.	1964	25	22.	1954	2	.3	0.0	1.8	0.0	2.64	2.95	1969	7	1.3	4.	1955	1	4.9	1.6	.6		
JUN	80.8	52.1	66.5	102.	1954	23	30.	1951	2	6.0	0.0	0.0	0.0	1.73	3.16	1970	11	.1	1.	1955	5	4.2	.7	.3		
JUL	87.8	58.8	73.3	102.	1954	11	43.	1952	7	14.5	0.0	0.0	0.0	1.94	2.05	1965	25	0.0	0.	0	0	4.2	1.2	.5		
AUG	85.8	57.3	71.6	100.	1969	8	41.	1964	23	10.2	0.0	0.0	0.0	1.38	1.93	1951	3	.1	1.	1951	31	3.1	.5	.2		
SEP	77.6	47.8	62.7	97.	1960	4	29.	1961	50	2.4	0.0	.5	0.0	1.25	1.31	1955	19	1.7	7.	1959	29	3.1	.8	.2		
OCT	66.5	36.8	51.7	87.	1967	3	3.	1969	13	0.0	.1	8.2	0.0	1.07	1.58	1960	18	4.6	11.	1969	13	2.8	.6	.1		
NOV	53.0	25.2	39.1	76.	1970	25	-7.	1952	25	0.0	2.3	24.5	.5	.76	.67	1970	12	7.8	11.	1956	19	2.1	.2	0.0		
DEC	46.1	18.7	32.4	73.	1955	23	-16.	1961	10	0.0	4.2	29.7	1.8	.49	.57	1960	4	6.1	9.	1960	6	1.6	.1	0.0		
ANNUAL	64.2	36.2	50.2							34.	22.	159.	6.	15.5				62.				37.	7.	2.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.05	.09	.44	.26	.40	.22	.42	.17	.08	.05	.33	.08	8.63
.10	.09	.16	.56	.40	.63	.36	.60	.27	.15	.11	.40	.12	9.64
.20	.16	.27	.73	.63	1.01	.61	.88	.47	.30	.24	.49	.19	11.45
.30	.23	.38	.87	.86	1.37	.85	1.14	.66	.47	.38	.57	.26	12.71
.40	.31	.51	1.01	1.09	1.73	1.10	1.40	.87	.66	.54	.64	.33	13.86
.50	.40	.64	1.15	1.34	2.17	1.39	1.68	1.10	.89	.74	.71	.41	15.00
.60	.50	.80	1.31	1.63	2.85	1.71	1.99	1.36	1.16	.98	.79	.50	16.20
.70	.64	1.00	1.49	1.98	3.82	2.36	2.69	1.69	1.51	1.28	.88	.60	17.55
.80	.82	1.26	1.72	2.46	4.01	3.66	2.85	2.14	1.99	1.72	1.00	.75	19.23
.90	1.12	1.70	2.07	3.22	5.28	3.55	3.64	2.87	2.82	2.46	1.17	.99	21.72
.95	1.41	2.13	2.40	3.96	6.51	4.42	4.38	3.58	3.64	3.21	1.33	1.21	23.93
ALPHA	1.35	1.48	4.15	1.64	1.78	1.59	2.31	1.53	1.07	.99	5.92	1.81	10.84
BETA	.39	.55	.30	.48	1.48	1.09	.82	.91	1.16	1.08	.13	.27	1.43
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING 75% PRECIPITATION/ANNUAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.83	.78	1.47	2.01	1.78	2.27	.83	4.47	.97	2.16	1.17	.69	19.43
1952	.01	.68	2.12	2.75	3.06	.12	1.06	1.41	.54	.18	1.31	.19	13.43
1953	.39	1.39	1.15	1.29	2.66	1.46	1.98	1.25	.20	.44	1.00	1.02	14.23
1954	.23	.04	.49	.88	.60	.66	1.99	.51	.77	.06	.57	.71	7.51
1955	.23	.85	1.14	.48	2.47	1.39	2.99	2.41	2.72	.66	.56	.15	16.05
1956	.39	.77	.89	.72	2.36	.44	4.17	1.83	.01	.27	1.25	.62	13.72
1957	.32	.73	1.09	4.13	7.31	1.09	1.29	2.03	.42	2.62	.49	.06	21.58
1958	.73	1.00	1.48	1.73	4.46	1.47	3.50	1.17	1.51	.37	.74	.64	18.80
1959	1.24	1.31	2.85	1.35	3.33	.44	.83	.25	1.82	2.46	.40	.26	16.54
1960	.77	1.66	.89	2.56	2.27	.63	1.31	.06	.38	2.46	.49	1.50	14.98
1961	.07	.66	2.51	1.06	4.12	1.11	1.60	1.21	4.67	.77	.93	.30	19.01
1962	1.33	1.05	.52	1.10	.84	1.52	.54	.46	.19	.05	.68	.17	8.45
1963	.71	.21	1.42	.03	.68	3.59	.55	2.52	1.25	.31	.45	.51	12.23
1964	.26	1.04	1.38	1.25	2.53	.82	.72	.27	.41	.18	.88	.40	10.14
1965	1.00	1.27	1.20	1.05	1.82	4.14	6.41	1.06	2.58	.45	.36	.53	21.87
1966	.30	1.28	.32	1.46	.34	1.41	1.04	2.06	1.15	.96	.32	.17	10.81
1967	.84	.39	.79	3.95	4.77	4.69	3.25	.83	.60	1.13	1.01	1.06	23.31
1968	.51	.74	.85	2.39	.71	.50	1.34	2.53	.59	.75	.71	.51	12.13
1969	.17	.43	1.10	1.33	6.12	2.99	1.81	.79	1.67	4.17	.62	.32	21.52
1970	.10	.01	1.34	.97	.64	3.63	1.67	.54	2.47	.88	1.19	.09	13.73

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.7	10.5	17.6	12.9	T	.8	
51-52	T	1.3	4.2	8.1	14.5	11.2	.3	10.2	25.2	11.2	T	T	86.2
52-53	.0	.0	.0	1.2	14.5	3.1	7.4	16.5	11.8	12.0	1.7	.5	68.7
53-54	.0	.0	.0	.1	7.2	14.4	2.7	.6	6.3	7.6	2.6	T	41.5
54-55	T	.0	.0	.4	3.9	8.6	3.5	12.2	19.5	4.9	T	T	53.0
55-56	T	.0	.3	4.1	7.3	2.9	6.3	10.5	13.0	3.7	T	.0	48.1
56-57	.0	.0	.0	.6	21.3	6.3	5.3	1.6	8.9	25.5	8.8	.0	78.3
57-58	.0	.0	T	3.9	3.0	.8	8.9	12.0	14.4	14.1	.0	.0	57.1
58-59	.0	.0	T	2.6	9.7	7.7	17.4	17.5	26.8	17.6	T	.0	99.3
59-60	.0	.0	12.9	11.8	5.3	2.7	10.7	18.3	9.0	9.3	T	.0	80.0
60-61	.0	.0	.0	4.6	5.1	17.8	1.0	7.9	29.2	8.6	6.4	.0	80.6
61-62	.0	.0	5.8	6.2	11.4	3.8	17.2	11.3	6.8	10.0	.0	.0	72.5
62-63	.0	.0	.7	.0	5.0	1.2	9.1	2.1	18.0	.2	.0	.0	36.3
63-64	.0	.0	.0	1.1	3.5	5.9	2.6	12.7	18.4	12.1	1.0	.0	57.3
64-65	.0	.0	.0	T	6.0	4.4	13.2	17.1	14.9	.3	T	.0	55.9
65-66	.0	.0	5.5	.0	5.5	5.6	3.6	14.6	2.8	6.4	2.9	.0	46.9
66-67	.0	.0	T	8.3	3.0	1.9	9.9	4.4	6.6	3.6	3.0	.0	40.7
67-68	.0	.0	.0	1.7	9.4	13.1	3.0	7.3	9.2	15.1	T	.0	58.8
68-69	.0	.0	.0	.4	5.8	6.9	2.8	4.2	13.2	T	.0	.0	33.3
69-70	.0	.0	.0	31.2	5.1	3.1	.9	.3	20.5	4.7	T	.0	65.8

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.1	47.2	49.5	55.8	70.1	73.4	87.9	84.0	76.5	61.2	51.7	41.1	61.5
1952	48.4	48.4	46.1	61.3	69.1	87.3	87.6	86.2	83.7	69.3	44.8	44.5	64.5
1953	52.9	45.8	57.7	54.8	65.8	84.2	87.1	84.6	81.5	68.0	56.1	44.2	65.2
1954	50.2	59.6	48.8	68.7	70.1	85.2	90.7	86.9	79.6	67.3	58.4	49.0	67.9
1955	38.8	40.1	50.4	64.9	72.5	77.2	90.4	86.2	77.9	69.5	49.0	48.6	63.8
1956	46.9	40.5	53.6	58.5	74.1	88.6	85.6	82.9	81.3	71.5	49.6	48.0	65.1
1957	38.2	54.6	51.5	52.6	64.6	79.3	86.5	85.8	75.9	62.1	47.6	54.0	62.7
1958	46.5	50.1	42.5	55.8	74.3	81.8	83.3	87.2	78.7	67.6	55.1	48.1	64.3
1959	42.8	41.2	49.7	58.7	67.9	85.2	87.2	86.2	74.8	61.1	53.1	49.6	63.1
1960	39.9	35.8	50.3	64.0	70.3	82.4	86.9	89.7	80.8	66.1	54.3	38.9	63.3
1961	44.0	48.3	50.5	60.2	67.5	81.0	87.6	86.6	69.4	65.2	47.4	40.6	62.4
1962	33.4	41.4	46.9	64.4	75.3	80.4	89.2	89.9	79.2	70.6	55.5	49.0	64.6
1963	33.1	51.5	50.8	65.7	76.7	82.7	91.2	81.2	81.7	73.8	58.0	43.9	65.9
1964	45.5	39.6	45.1	59.9	74.4	79.9	92.4	86.2	78.9	70.2	52.3	46.1	64.2
1965	48.8	40.8	48.4	65.3	70.6	76.3	86.8	84.4	68.1	71.8	59.2	49.4	63.5
1966	44.0	42.2	59.0	59.7	74.9	79.7	92.0	84.9	79.3	68.4	56.9	45.7	65.6
1967	48.9	50.3	53.5	63.9	66.0	72.8	82.4	82.9	77.5	68.6	56.4	40.5	64.1
1968	44.1	47.2	55.8	57.8	68.6	84.6	86.4	82.1	76.6	68.4	48.4	44.2	63.7
1969	48.8	49.7	44.9	66.6	71.9	73.7	88.8	88.7	79.0	49.5	53.4	46.4	63.5
1970	45.2	55.5	46.2	58.1	75.0	80.2	86.9	89.4	75.3	60.5	53.1	49.7	64.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.6	20.6	22.1	31.8	44.4	48.3	59.0	57.4	46.4	35.2	24.5	16.8	35.1
1952	21.3	21.5	21.4	35.1	44.4	56.7	58.6	58.3	50.4	37.3	19.8	20.6	37.1
1953	26.3	19.6	29.4	30.7	41.0	55.1	60.9	57.8	50.5	40.7	30.1	18.6	38.4
1954	22.3	27.8	21.8	38.4	44.2	53.4	62.8	58.5	51.8	37.7	30.2	20.3	39.1
1955	15.6	14.1	22.5	35.3	45.5	50.7	60.6	59.9	49.8	38.4	23.3	22.2	36.5
1956	21.0	14.9	26.5	32.4	47.6	58.2	58.8	56.5	49.7	40.2	24.7	23.4	37.8
1957	13.3	26.8	26.6	30.2	43.2	52.4	60.5	59.4	46.8	40.7	26.0	25.1	37.6
1958	19.3	24.6	23.1	33.3	49.1	54.4	57.3	59.9	50.0	40.1	26.1	23.5	38.4
1959	17.2	19.2	25.5	32.5	44.5	56.5	57.9	59.8	47.4	35.0	22.1	23.4	36.8
1960	15.3	13.8	25.9	36.9	44.0	54.2	59.4	57.1	49.2	37.8	24.6	14.1	36.0
1961	16.4	22.1	27.2	31.8	43.9	51.2	55.4	57.7	43.2	34.8	22.0	14.7	35.3
1962	5.5	18.3	22.3	36.2	44.2	50.6	56.5	55.0	45.6	36.2	27.0	18.5	34.7
1963	5.1	23.1	23.8	34.3	45.0	50.7	58.4	56.2	50.1	42.0	25.4	13.1	35.6
1964	15.6	15.1	20.9	33.3	43.2	50.1	59.2	54.6	46.1	35.1	27.6	20.3	35.1
1965	21.2	14.0	17.5	37.1	43.6	51.5	58.5	56.0	43.2	38.3	27.4	20.6	35.7
1966	13.1	14.6	25.9	29.5	42.4	49.5	61.7	56.7	50.6	36.0	26.0	18.0	35.3
1967	19.0	19.9	27.3	32.5	39.2	48.4	55.8	53.5	46.7	36.4	24.5	12.5	34.6
1968	15.3	21.2	25.4	28.1	39.2	50.9	56.9	54.1	45.1	35.4	23.0	13.6	34.0
1969	20.1	21.0	19.4	37.8	46.7	49.2	60.6	59.1	49.9	28.4	24.7	18.6	36.3
1970	15.9	21.6	20.8	29.2	42.5	50.2	57.0	58.3	43.7	31.2	25.0	16.8	34.4

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	26.9	33.9	35.8	43.8	57.3	60.9	73.5	70.7	61.5	48.2	36.1	29.0	48.3
1952	34.9	35.0	33.8	48.2	56.8	72.0	73.1	72.3	65.6	53.3	32.3	32.6	50.8
1953	39.6	32.7	43.6	42.8	53.4	69.7	74.0	71.2	66.0	54.4	43.1	31.4	51.8
1954	36.3	43.7	35.3	53.6	57.2	69.3	76.8	72.7	65.7	52.5	44.3	34.7	53.5
1955	27.2	27.1	36.5	50.1	59.0	64.0	75.5	73.1	63.9	54.0	36.2	35.4	50.2
1956	34.0	27.7	40.1	45.5	60.9	73.4	72.2	69.7	65.5	55.9	37.2	35.7	51.5
1957	25.8	40.7	39.1	41.4	53.9	65.9	73.5	72.6	61.4	51.4	36.8	39.6	50.2
1958	32.9	37.4	32.8	44.6	61.7	68.1	70.3	73.6	64.4	53.9	40.6	35.8	51.3
1959	30.0	30.2	37.6	45.6	56.2	70.9	72.6	73.0	61.1	48.1	37.6	36.5	50.0
1960	27.6	24.8	38.1	50.5	57.2	68.3	73.2	73.4	65.0	52.0	39.5	26.5	49.7
1961	31.7	35.2	38.9	46.0	55.7	66.1	71.5	72.2	56.3	50.0	34.7	27.7	48.8
1962	19.5	29.9	34.6	50.3	59.8	65.5	72.9	72.5	62.4	53.4	41.3	33.8	49.7
1963	19.1	37.3	37.3	50.0	60.9	66.7	74.8	68.7	65.9	57.9	41.7	28.5	50.7
1964	20.6	27.4	33.0	46.6	58.8	65.0	75.8	70.4	62.5	52.7	40.0	33.2	49.7
1965	35.0	27.4	29.0	51.2	57.1	63.9	72.7	70.2	55.7	55.1	43.3	35.0	49.6
1966	28.6	28.4	42.5	44.6	58.7	64.6	76.9	70.8	65.0	52.2	41.5	31.5	50.5
1967	34.0	35.1	42.9	48.2	52.6	60.6	69.1	68.2	62.1	52.5	40.5	26.5	49.4
1968	29.7	34.2	40.6	43.0	53.9	67.8	71.7	68.1	60.9	51.9	35.7	28.9	48.9
1969	35.0	35.4	32.2	52.2	59.3	61.5	74.7	73.9	64.5	39.0	39.1	32.5	45.9
1970	30.6	36.6	33.5	43.7	58.8	65.2	72.0	73.9	59.5	45.9	39.1	33.3	49.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DENVER CITY

05 2225 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	44.7	22.5	33.6	71.	1956	5	-19.	1963	12	0.0	5.8	24.8	1.8	.39	.69	1962	8	6.3	11.	1962	22	1.1	.1	0.0
FEB	46.4	24.6	35.5	75.	1963	5	-17.	1951	1	0.0	4.4	22.1	.5	.59	.48	1951	12	8.9	7.	1965	1	2.2	0.0	0.0
MAR	49.2	27.4	38.4	80.	1963	28	-2.	1965	18	0.0	4.4	20.4	.5	.92	.61	1969	1	13.0	12.	1952	21	3.6	.2	0.0
APR	59.9	37.2	48.5	84.	1965	22	10.	1959	12	0.0	.8	9.1	0.0	1.27	1.92	1957	2	7.8	15.	1957	3	3.0	.5	.1
MAY	70.1	47.6	58.9	92.	1951	28	23.	1953	12	.2	0.0	.8	0.0	2.23	2.37	1969	7	.9	4.	1954	1	4.4	1.5	.6
JUN	80.1	56.2	68.2	100.	1954	23	31.	1951	2	5.6	0.0	0.0	0.0	1.47	2.18	1965	4	.1	0.	0	0	3.3	.6	.2
JUL	86.7	62.7	74.7	101.	1954	11	44.	1952	7	12.7	0.0	0.0	0.0	1.61	1.98	1956	29	0.0	0.	0	0	3.8	1.2	.2
AUG	84.4	61.1	72.7	99.	1969	8	47.	1964	27	7.3	0.0	0.0	0.0	1.10	1.41	1963	25	0.0	0.	0	0	2.1	.8	.1
SEP	76.3	51.8	64.1	96.	1959	6	28.	1965	17	1.5	0.0	.5	0.0	1.09	1.05	1961	19	1.1	5.	1959	29	2.7	.8	.1
OCT	65.6	41.4	53.5	86.	1967	3	8.	1969	13	0.0	.3	4.6	0.0	.90	1.55	1969	3	3.9	8.	1969	13	2.6	.4	.1
NOV	52.7	30.1	41.5	76.	1952	4	0.	1952	28	0.0	2.4	17.1	2.0	.61	.48	1963	16	6.5	7.	1956	20	2.1	0.0	0.0
DEC	46.4	24.6	35.5	74.	1955	23	-7.	1964	17	0.0	4.3	24.3	.8	.39	.35	1954	26	6.0	7.	1960	6	1.5	0.0	0.0
ANNUAL	63.5	40.6	52.1							27.	23.	124.	3.	12.6				55.				33.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.05	.11	.33	.20	.31	.26	.20	.16	0.00	.03	.28	.10	7.18
.10	.08	.16	.41	.31	.50	.39	.33	.25	.19	.06	.33	.14	8.16
.20	.14	.25	.54	.50	.82	.60	.55	.41	.38	.15	.40	.19	9.41
.30	.19	.33	.64	.67	1.13	.81	.78	.56	.55	.26	.46	.24	10.41
.40	.25	.41	.74	.85	1.45	1.01	1.01	.72	.71	.40	.52	.29	11.31
.50	.31	.50	.85	1.05	1.81	1.23	1.23	.89	.90	.57	.57	.35	12.21
.60	.39	.62	1.09	1.24	2.22	1.49	1.58	1.10	1.10	.78	.63	.41	13.15
.70	.48	.77	1.26	1.33	2.72	1.80	1.96	1.34	1.35	1.06	.70	.48	14.20
.80	.60	.98	1.52	1.53	3.40	2.21	2.43	1.67	1.69	1.47	.79	.57	15.51
.90	.81	1.34	1.72	1.73	5.41	3.87	3.32	2.21	2.23	2.18	.92	.71	17.45
.95	1.01	1.36	1.75	1.11	5.58	3.51	4.14	2.73	2.75	2.91	1.04	.85	19.17
ALPHA	1.58	2.07	4.25	1.84	1.69	1.98	1.55	1.73	1.84	.81	6.59	2.72	11.67
BETA	.25	.28	.22	.69	1.32	.74	1.04	.63	.62	1.11	.09	.14	1.08
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

DENVER CITY

05 2225 4

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.77	.86	.98	1.70	1.94	2.31	.52	2.14	.75	2.25	.86	.42	15.50
1952	.02	.24	1.26	1.78	2.46	.50	.42	2.11	.53	.11	.77	.22	10.42
1953	.24	.54	.77	1.03	2.02	1.63	2.98	.87	.46	.56	.82	.64	12.56
1954	.15	.06	.30	.75	.38	.30	1.89	.54	.84	.03	.44	.59	6.27
1955	.15	.56	.72	.31	1.77	1.52	1.64	2.02	1.93	.30	.49	.17	11.58
1956	.25	.67	.50	.54	1.39	.16	3.07	1.02	T	.27	.83	.29	8.99
1957	.20	.84	.56	3.65	5.98	.71	.93	2.31	.28	1.71	.46	.08	17.71
1958	.44	.84	.98	1.41	4.12	1.77	1.95	.69	.57	.30	.42	.47	13.96
1959	.70	.82	1.38	1.24	3.79	.72	.28	.18	1.83	2.23	.31	.26	13.74
1960	.50	1.00	.64	2.08	1.76	.59	1.01	.10	.39	1.88	.22	1.09	11.26
1961	.08	.51	1.92	.81	2.76	.59	3.25	1.77	4.34	.45	.95	.23	17.66
1962	1.09	.69	.46	1.20	.62	1.61	.41	.75	.25	.01	.68	.23	8.00
1963	.42	.23	1.11	.02	.86	3.76	.23	2.96	1.08	.27	.48	.42	11.84
1964	.39	.73	1.16	.79	2.61	.90	.72	.35	.79	.17	.81	.53	9.95
1965	.94	.98	1.08	1.17	1.27	3.86	4.86	1.04	2.11	.35	.42	.41	18.49
1966	.23	1.05	.32	1.07	.22	1.29	.85	.40	1.67	.56	.25	.16	8.07
1967	.59	.28	.53	2.34	2.82	1.71	4.16	.45	.65	1.01	.69	.80	16.03
1968	.42	.61	.74	1.77	.73	.92	1.31	1.10	.64	.58	.66	.34	8.82
1969	.21	.23	1.13	.80	6.39	2.33	.73	.60	.47	4.25	.76	.42	18.32
1970	.07	.04	1.83	1.03	.66	2.30	.93	.52	2.14	.71	.78	.10	11.11

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.5	10.9	12.8	10.7	.0	T	
51-52	.0	T	2.2	5.2	9.9	6.2	.4	3.7	19.6	4.7	.5	T	52.4
52-53	.0	T	.0	1.0	11.5	3.5	3.7	7.7	8.3	10.6	1.6	1.0	48.9
53-54	T	.0	.0	T	6.0	10.9	2.6	1.2	5.2	7.7	2.0	.0	35.6
54-55	T	T	.0	.4	4.4	7.4	2.5	10.6	12.0	4.2	T	T	41.5
55-56	.0	T	1.0	3.0	5.0	2.9	5.0	11.4	11.2	4.4	T	.0	43.9
56-57	.0	.0	.0	.7	13.3	5.4	3.8	2.7	6.2	27.2	8.3	.0	67.6
57-58	.0	.0	T	3.6	3.8	1.0	8.6	11.1	12.2	10.4	.0	.0	50.7
58-59	.0	.0	.0	2.4	6.6	8.0	13.5	15.2	20.2	18.2	T	.0	84.1
59-60	.0	.0	10.2	11.8	4.6	3.5	9.3	18.3	9.2	8.6	T	.0	75.5
60-61	.0	.0	.0	4.0	4.0	17.7	1.5	9.4	24.7	7.2	3.0	.0	71.5
61-62	.0	.0	3.0	6.0	11.7	4.6	19.6	12.0	7.8	8.1	.0	.0	72.8
62-63	.0	.0	.0	.0	6.2	2.2	8.0	3.2	19.0	.0	.0	.0	38.6
63-64	.0	.0	.0	1.4	3.7	6.3	5.8	14.7	18.1	12.1	T	.0	62.1
64-65	.0	.0	.0	.0	6.4	6.7	13.6	17.0	22.0	.8	1.0	.0	67.5
65-66	.0	.0	3.0	.0	5.0	5.6	3.7	16.7	4.0	5.5	2.0	.0	45.5
66-67	.0	.0	.0	4.0	2.5	1.7	6.5	3.6	5.5	3.0	T	.0	26.8
67-68	.0	.0	.0	1.5	7.3	14.9	2.0	4.8	6.3	7.3	T	.0	44.1
68-69	.0	.0	.0	T	6.3	5.1	2.7	2.2	13.3	T	.0	.0	29.6
69-70	.0	.0	.0	29.8	5.7	5.8	1.3	.7	22.7	5.5	.0	.0	71.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.1	48.5	48.6	55.4	69.8	72.8	86.7	83.4	75.1	60.7	51.7	41.2	61.2
1952	48.3	47.6	44.9	60.3	68.6	86.6	86.4	85.4	79.9	68.9	44.8	45.8	64.0
1953	54.2	45.6	57.1	54.2	65.3	83.8	86.4	84.1	81.3	67.4	55.7	44.7	65.0
1954	50.5	59.5	47.8	68.4	69.5	84.8	90.6	86.2	78.8	67.2	58.6	50.1	67.7
1955	40.5	40.4	50.2	65.0	71.9	76.6	89.4	85.0	77.6	69.3	48.8	48.5	63.6
1956	46.1	40.8	53.6	58.0	73.1	87.7	84.1	81.7	81.6	71.1	51.0	49.2	64.8
1957	37.8	54.4	51.1	52.5	63.8	72.7	86.1	85.1	74.8	61.4	47.1	54.7	62.3
1958	46.3	50.0	41.0	54.9	73.7	81.0	82.5	86.6	78.4	67.7	55.3	49.4	63.9
1959	43.0	41.9	49.8	58.1	67.2	84.5	87.0	85.7	73.7	60.4	53.1	49.1	62.8
1960	40.5	34.5	49.9	63.2	70.1	81.8	86.5	86.7	78.5	65.3	54.8	43.0	62.9
1961	46.9	48.3	49.4	58.6	67.0	80.0	85.3	84.1	68.9	64.4	49.0	40.6	61.9
1962	37.4	43.0	48.0	64.0	74.0	77.9	85.9	87.3	76.4	69.1	56.2	49.9	64.1
1963	36.4	51.6	51.3	64.0	75.1	83.1	89.7	81.0	79.4	72.0	56.9	43.7	65.4
1964	44.7	39.3	45.4	58.5	72.4	79.3	91.6	84.4	76.8	68.5	51.7	46.4	63.3
1965	48.5	42.6	39.5	63.3	68.7	76.4	84.6	81.5	66.4	70.8	58.9	50.1	62.6
1966	43.3	42.2	58.1	59.0	75.4	79.8	90.3	83.0	76.5	65.7	54.9	44.1	64.4
1967	49.1	49.7	56.5	62.6	64.7	73.4	83.7	81.5	75.1	67.3	53.8	38.9	63.0
1968	45.5	46.3	54.8	56.7	66.6	82.8	84.2	80.9	75.3	67.7	47.8	44.7	62.8
1969	49.7	47.9	43.5	64.5	71.1	71.8	86.6	87.1	78.5	49.4	53.2	45.7	62.4
1970	44.3	53.4	44.5	56.1	73.6	79.6	86.3	86.9	72.9	58.2	51.6	47.8	62.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	19.0	25.8	24.4	34.5	47.2	50.5	61.9	60.3	48.5	37.5	27.6	20.5	38.1
1952	26.2	25.9	24.5	38.3	47.2	60.6	61.3	61.0	53.0	40.8	23.5	25.4	40.6
1953	32.5	23.2	33.1	33.2	43.5	58.3	63.5	60.5	54.0	43.4	33.4	22.9	41.8
1954	25.9	32.4	24.7	41.8	46.4	56.7	65.6	61.7	54.4	40.5	33.7	26.0	42.5
1955	21.0	17.3	25.1	39.0	48.2	53.0	63.4	62.3	52.7	41.2	26.0	25.5	39.6
1956	24.9	19.1	30.1	34.7	49.9	61.8	61.3	58.9	53.6	44.2	28.9	27.3	41.2
1957	16.9	30.9	29.5	32.8	45.4	54.7	63.7	62.0	49.5	43.3	29.4	31.0	40.8
1958	25.4	27.8	25.1	35.9	52.4	56.7	59.2	63.2	52.5	43.7	30.3	27.5	41.6
1959	21.1	23.6	28.9	34.9	46.5	59.4	61.1	62.4	50.1	37.2	25.0	27.4	39.8
1960	21.1	16.8	29.3	40.4	47.6	57.6	62.4	61.4	54.1	42.9	30.9	22.6	40.6
1961	24.2	27.5	30.5	35.6	47.5	56.6	60.7	61.5	45.4	40.0	27.7	21.2	39.9
1962	13.7	23.4	26.9	41.2	49.8	55.1	61.2	60.9	51.8	44.5	34.0	26.5	40.8
1963	12.0	30.9	30.8	40.6	51.0	57.4	64.8	61.2	57.4	48.5	33.4	21.1	42.4
1964	22.7	19.6	22.9	35.9	48.0	55.6	65.1	58.5	51.8	42.0	31.7	25.6	40.0
1965	27.6	19.0	19.1	41.0	46.7	55.4	61.8	59.5	44.9	45.1	36.2	28.9	40.4
1966	19.3	21.3	32.9	34.6	49.4	56.6	66.6	60.5	54.6	40.7	31.7	23.5	41.0
1967	25.4	25.2	32.4	38.9	43.5	52.4	61.6	59.3	52.3	42.1	30.2	17.9	40.1
1968	21.6	27.0	31.1	33.7	47.3	57.4	61.5	58.9	51.1	41.6	28.5	20.3	39.7
1969	26.0	26.8	23.0	42.5	50.3	52.2	63.7	53.4	55.8	32.1	30.3	25.5	41.0
1970	23.1	29.0	24.6	34.5	49.2	56.1	62.8	63.9	48.3	36.6	30.2	25.8	40.3

DENVER CITY

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.6	37.2	36.5	45.0	58.5	61.7	74.3	71.9	61.8	49.1	39.7	30.9	49.7
1952	37.3	36.8	34.7	49.3	57.9	73.6	73.9	73.2	66.5	54.9	34.2	35.6	52.3
1953	43.4	34.4	45.1	43.7	54.4	71.1	75.0	72.3	67.7	55.4	44.6	33.8	53.4
1954	38.2	46.0	36.3	55.1	58.0	70.8	78.1	74.0	66.6	53.9	46.2	38.1	55.1
1955	30.8	28.9	37.7	52.0	60.1	64.8	76.4	73.7	65.2	55.3	37.4	37.0	51.6
1956	35.5	30.0	41.9	46.4	61.5	74.8	72.7	70.3	67.6	57.7	40.0	38.3	53.1
1957	27.4	42.7	40.3	42.7	54.6	66.7	74.9	73.6	62.2	52.4	38.3	42.9	51.6
1958	35.9	38.9	33.1	45.4	63.1	68.9	70.9	74.9	65.5	55.7	42.8	38.5	52.8
1959	32.1	32.8	39.4	46.5	56.9	72.0	74.1	74.1	61.9	48.8	39.1	38.3	51.3
1960	30.8	25.7	39.6	51.8	58.9	69.7	74.5	74.1	66.3	54.1	42.9	32.8	51.8
1961	35.6	37.9	40.0	47.1	57.3	68.3	73.0	72.8	57.2	52.2	38.4	30.9	50.9
1962	25.6	33.2	37.5	52.6	61.9	66.5	73.6	74.1	64.1	56.8	45.1	38.2	52.4
1963	24.2	41.3	41.1	52.3	63.1	70.3	77.3	71.1	68.4	60.3	45.2	32.4	53.9
1964	33.7	29.5	34.2	47.2	60.2	67.5	78.4	71.5	64.3	55.3	41.7	36.0	51.6
1965	38.1	30.8	29.3	52.2	57.7	65.9	73.2	70.5	55.7	58.0	47.6	39.5	51.5
1966	31.3	31.8	45.5	46.8	62.4	68.2	78.5	71.8	65.6	53.2	43.3	33.8	52.7
1967	37.3	37.5	44.5	50.8	54.1	62.9	72.7	70.4	63.7	54.7	42.0	28.4	51.6
1968	33.6	36.7	43.0	45.2	55.0	70.1	72.9	69.9	63.2	54.7	38.2	32.5	51.3
1969	37.9	37.4	33.3	53.5	60.7	62.0	75.2	75.3	67.2	40.8	41.8	35.6	51.7
1970	33.7	41.2	34.6	45.3	61.4	67.9	74.6	75.4	60.6	47.4	40.9	36.8	51.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DILLON 1E

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEANS			EXTREMES						MEAN NO OF DAYS				SNOW, SFEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	32.9	0.0	16.5	61.	1953	12	-44.	1962	10	0.0	14.5	31.0	15.6	1.16	.69	1956	27	24.0	22.	1970	19	3.8	.2	0.0
FEB	34.9	1.4	18.2	60.	1962	11	-45.	1951	1	0.0	11.0	28.2	12.7	1.20	.70	1958	15	24.7	34.	1965	2	3.9	.1	0.0
MAR	39.0	5.7	22.4	62.	1953	25	-28.	1962	14	0.0	7.7	30.9	9.8	1.34	.70	1960	5	26.7	26.	1965	27	4.9	.2	0.0
APR	48.3	16.7	32.5	67.	1962	20	-11.	1970	4	0.0	1.7	29.7	1.7	1.48	1.00	1961	24	18.5	18.	1963	8	4.9	.4	.1
MAY	61.2	25.2	42.7	79.	1962	13	2.	1953	2	0.0	.1	28.0	0.0	1.39	.96	1969	7	7.2	2.	1967	1	4.5	.3	0.0
JUN.	69.5	31.2	50.4	86.	1954	23	15.	1954	7	0.0	0.0	18.1	0.0	1.15	.92	1963	16	.3	0.	0	0	4.1	.2	0.0
JUL	75.3	37.0	56.2	85.	1963	31	23.	1968	3	0.0	0.0	5.8	0.0	1.72	.90	1961	31	0.0	0.	0	0	5.8	.6	0.0
AUG	72.9	35.6	54.3	85.	1969	9	22.	1968	24	0.0	0.0	9.0	0.0	1.88	1.27	1968	7	0.0	0.	0	0	6.9	.6	.1
SEP	67.6	28.0	47.8	84.	1960	4	7.	1959	30	0.0	0.0	23.3	0.0	1.33	1.21	1959	29	2.8	11.	1961	4	4.5	.5	.1
OCT	57.7	23.3	39.0	77.	1952	2	-1.	1958	23	0.0	.4	29.8	.3	.88	1.03	1969	3	8.4	15.	1969	4	3.1	.1	.1
NOV	41.9	10.4	26.2	65.	1953	1	-36.	1951	17	0.0	5.6	29.9	5.7	.96	.64	1954	27	18.8	11.	1969	2	3.7	.1	0.0
DEC	34.6	2.5	18.6	57.	1955	20	-29.	1954	28	0.0	12.6	31.0	13.6	1.23	1.02	1951	30	26.4	21.	1969	27	3.9	.2	0.0
ANNUAL	52.9	17.8	35.4							0.	54.	296.	59.	15.7				158.				54.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.18	.34	.50	.40	.40	.22	.83	.62	.19	.14	.44	.27	10.69
.10	.29	.45	.63	.54	.53	.32	.97	.80	.30	.22	.52	.38	11.65
.20	.45	.62	.81	.75	.73	.49	1.18	1.06	.49	.35	.64	.56	12.89
.30	.61	.77	.96	.94	.93	.65	1.34	1.23	.68	.47	.74	.72	13.83
.40	.78	.92	1.10	1.13	1.07	.81	1.49	1.38	.87	.60	.83	.89	14.68
.50	.96	1.07	1.25	1.33	1.25	.98	1.64	1.53	1.08	.73	.91	1.06	15.49
.60	1.16	1.24	1.41	1.53	1.45	1.17	1.81	1.69	1.33	.89	1.01	1.26	16.34
.70	1.42	1.44	1.59	1.78	1.68	1.41	1.99	1.82	1.62	1.08	1.12	1.49	17.28
.80	1.75	1.70	1.82	2.11	1.96	1.72	2.22	2.02	2.02	1.33	1.26	1.80	18.43
.90	2.30	2.10	2.18	2.62	2.45	2.22	2.57	2.37	2.65	1.74	1.45	2.30	20.10
.95	2.63	2.46	2.51	3.10	2.88	2.70	2.88	3.69	3.31	2.13	1.65	2.77	21.55
ALPHA	1.84	3.11	4.58	3.00	3.16	2.10	7.34	3.80	1.72	1.88	6.60	2.36	22.43
BETA	.63	.38	.29	.49	.44	.55	.23	.49	.77	.47	.15	.52	.70
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.11	1.88	1.06	2.61	1.76	1.57	1.57	1.10	.95	1.02	1.33	4.84	21.80
1952	1.65	1.26	1.45	1.25	1.35	.35	2.04	2.73	.63	.05	1.12	1.30	15.18
1953	2.21	1.03	1.49	2.74	2.53	1.59	2.35	1.45	.22	1.23	1.21	.75	18.80
1954	.40	.56	1.64	.69	1.51	.40	1.75	.65	2.41	1.15	1.15	1.05	13.36
1955	.73	1.11	2.15	.90	2.55	.52	2.21	4.02	.23	1.65	2.05	1.05	15.17
1956	2.54	1.53	1.45	3.35	.77	.53	1.83	1.02	.25	.80	.80	.95	15.82
1957	2.04	1.51	1.41	2.25	2.04	1.06	2.85	2.15	.85	1.05	1.30	1.65	21.16
1958	.89	1.95	1.90	1.40	1.15	.90	.85	1.13	.69	.33	1.05	2.10	14.34
1959	1.70	1.75	1.75	1.65	1.85	2.04	1.25	1.12	4.00	1.60	.85	.55	20.11
1960	.47	2.01	2.65	1.30	1.35	.85	1.55	.70	1.20	.85	.90	1.20	15.03
1961	.45	1.50	1.75	2.65	1.85	.44	2.57	1.96	4.25	.91	.67	.91	15.91
1962	1.34	1.79	.55	2.38	.98	.63	.96	1.08	.60	.62	.51	.55	11.99
1963	1.49	1.66	1.06	.56	.33	2.60	1.35	4.27	.53	.57	.41	.67	15.50
1964	.33	.48	1.14	.83	.31	.71	1.62	2.05	.90	.19	.87	2.13	11.56
1965	1.23	.80	1.94	.47	.92	2.17	3.06	1.78	1.20	.12	1.37	.55	15.61
1966	.15	.31	.36	1.01	1.36	1.09	1.37	2.32	1.80	.82	.48	1.32	12.39
1967	.46	.93	1.00	1.27	1.00	1.61	1.09	1.08	1.46	.79	.84	.97	12.50
1968	.13	.88	.62	.62	1.22	.13	.84	3.31	1.00	.51	.75	.19	10.20
1969	1.80	.14	.55	.45	1.68	3.06	1.16	2.21	1.15	2.42	.51	1.39	16.52
1970	1.08	.82	.95	1.18	.37	.85	2.15	1.45	2.25	.94	1.09	.44	13.57

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							39.0	42.0	24.0	44.0	10.0	T	
51-52	.0	.0	2.0	6.5	27.0	67.0	37.0	27.0	31.0	11.0	8.0	.0	216.5
52-53	.0	.0	T	T	20.0	30.0	34.0	20.0	24.0	26.0		.0	
53-54	.0	.0	.0	5.0	17.0	18.0	7.0	12.0	35.0	6.0	3.0	.0	103.0
54-55	.0	.0	.0	8.0	14.0	21.0	16.5	30.0	43.0	16.0	7.0	T	155.5
55-56	.0	.0	T	14.0	35.0	23.0	44.0	38.0	25.0	36.0	3.5	.0	218.5
56-57	.0	.0	.0	7.0	15.0	19.0	59.0	27.0	34.0	30.0	14.0	T	205.0
57-58	.0	.0	T	8.0	22.0	28.0	24.0	33.5	29.0	24.0	T	.0	168.5
58-59	.0	.0	T	1.1	19.0	45.0	32.0	34.0	42.0	23.0	13.0	.0	209.1
59-60	.0	.0	24.0	16.0	16.0	11.0	11.0	43.0	39.0	14.0	10.0	.0	184.0
60-61	.0	.0	.0	11.0	13.5	21.0	10.0	19.5	22.0	32.5	15.0	.0	144.5
61-62	.0	.0		3.0								.0	
62-63	.0	.0	.0	T	8.5					T	T	.0	
63-64	.0	.0	.0	2.0				9.0	22.0	11.0	2.0	.0	
64-65	.0	.0	.0	1.0	19.0	45.0	22.0	22.0	35.0	8.0	4.0	.0	156.0
65-66	.0	.0	9.0	1.0	27.0	16.0	4.0	7.0	10.0	12.0	4.0	.0	90.0
66-67	.0	.0	T	10.0	9.0	23.0	14.0	27.0	18.0	20.0	9.0	.0	130.0
67-68	.0	.0	1.0	6.0	16.0	29.0	4.0	26.0	11.0	12.0	14.0	.0	119.0
68-69	.0	.0	4.0	9.0	24.0	8.0	38.0	8.0	15.0	4.0	9.0	2.0	121.0
69-70	.0	.0	.0	44.0	8.0	29.0	26.0	20.0	21.0	20.0	4.0	4.0	176.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	32.8	37.9	39.4	48.1	59.9	64.9	77.2	72.7	70.9	58.0	40.1	32.1	52.8
1952	32.3	34.3	37.0	51.1	60.6	73.6	73.7	71.6	70.1	67.0	38.6	33.2	53.6
1953	40.7	35.3	44.6	46.4	55.3	72.4	76.6	73.2	74.4	60.7	47.7	34.8	55.3
1954	42.3	46.0	40.3	56.3	62.7	71.9	74.5	74.9	71.5	60.5	49.4	38.4	57.4
1955	32.8	31.5	39.8	48.8	61.1	66.5	76.0	73.0	71.4	60.0	40.2	39.1	53.4
1956	37.9	30.1	42.4	49.2	64.3	73.9	73.4	71.2	72.8	60.4	37.3	35.1	54.0
1957	32.0	42.5	40.8	45.2	56.2	67.8	72.7	72.3	65.9	56.1	36.5	37.2	52.1
1958	32.2	38.9	38.6	43.6	64.3	72.9	73.5	75.7	69.9	59.5	44.6	38.5	54.4
1959	33.2	35.3	39.3	47.0	60.1	72.6	74.5	72.5	65.2	53.3	42.1	40.4	52.9
1960	32.1	27.1	43.0	51.6	59.6	70.4	74.5	74.5	69.1	55.5	44.1	35.9	53.1
1961	34.8	36.1	41.3	45.9	62.5	73.3	75.1	73.6	59.1	55.7	38.5	29.0	52.1
1962	25.8	37.3	36.1	52.6	60.9	70.8	76.0	75.9	68.7	60.6	46.5	35.9	53.9
1963	27.3	37.1	39.6	52.2	65.5	71.9	80.1	71.9	71.3	63.6	46.0	33.8	55.0
1964	27.8	25.9	31.9	45.5	59.6	67.7	77.1	70.6	65.9	58.5	41.0	30.7	50.2
1965	32.7	33.3	30.7	46.2	56.8	65.1	72.7	69.4	59.4	60.6	43.6	37.5	50.7
1966	30.8	30.5	43.2	49.1	61.5	67.6	78.0	73.2	67.2	55.1	45.8	31.4	52.8
1967	32.3	32.2	43.9	49.2	55.0	64.5	74.6	71.9	65.6	57.3	42.8	29.1	51.5
1968	34.1	34.9	40.3	43.6	54.3	70.6	74.1	68.5	63.6	57.2	36.2	31.2	50.7
1969	35.5	33.7	34.5	52.9	63.0	63.4	76.6	76.5	67.0	46.4	38.9	33.5	51.8
1970	29.3	36.3	34.4	41.0	60.4	67.9	74.5	75.1	63.6	48.2	39.0	34.6	50.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 1.5	- .9	1.8	16.6	24.5	26.5	34.6	32.1	23.6	19.2	3.4	3.0	15.2
1952	- 3.4	- 4.2	- .8	18.6	24.9	31.9	35.0	34.6	26.9	14.8	3.4	- 3.1	14.9
1953	8.7	- 2.2	9.1	13.3	21.5	30.8	37.6	33.6	24.5	19.7	12.3	- .9	17.3
1954	5.6	6.9	7.5	19.4	25.5	27.8	38.3	33.4	28.8	21.5	12.2	- 3.6	18.6
1955	- 6.4	- 8.9	3.0	10.6	23.7	28.6	34.5	36.8	24.7	16.0	8.4	7.5	14.9
1956	6.9	- 6.1	2.4	15.2	26.7	31.4	34.0	31.1	24.0	16.5	2.5	- 2.6	15.2
1957	- .5	9.4	8.0	15.6	24.9	31.3	37.8	35.8	23.1	22.2	6.4	- .9	17.8
1958	- 7.8	7.1	5.3	13.4	25.5	30.6	33.3	34.7	25.7	14.6	9.1	5.3	16.4
1959	- .9	3.4	3.0	15.2	25.2	30.8	33.4	34.5	24.7	19.2	9.4	.5	16.5
1960	- 2.6	- .7	12.7	17.5	21.7	29.5	32.9	30.7	28.6	18.7	8.8	- .2	16.5
1961	- 8.5	.1	9.5	14.2	22.1	33.7	38.1	41.8	30.9	23.6	7.9	2.2	18.0
1962	- 7.7	9.1	2.6	23.1	28.4	34.0	38.8	36.5	31.7	25.0	16.9	5.5	20.3
1963	.4	6.8	7.3	23.5	30.3	34.8	42.4	42.3	36.5	29.5	16.3	3.0	22.8
1964	- 1.6	- 4.6	3.3	17.3	25.9	31.3	39.1	36.0	29.1	20.6	12.5	5.3	17.8
1965	6.4	.7	2.7	18.8	26.9	32.5	38.4	34.0	29.6	20.5	15.3	5.6	19.3
1966	- 4.9	- 3.6	7.4	17.0	24.1	30.7	38.7	34.4	28.9	22.2	17.1	2.8	17.9
1967	6.1	3.4	16.0	18.9	25.0	31.5	38.9	34.7	31.2	22.8	13.4	3.9	20.5
1968	1.1	7.4	6.4	13.5	24.8	31.2	37.0	36.7	27.2	22.7	7.6	5.1	18.4
1969	7.1	1.0	.8	20.8	28.5	32.6	40.0	40.1	31.8	19.3	9.2	7.1	19.9
1970	3.6	4.9	6.5	12.1	24.4	32.3	38.0	38.5	29.2	17.4	15.0	4.1	18.8

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.7	18.5	20.6	32.4	42.2	45.7	55.9	52.4	47.3	38.6	21.8	17.6	34.1
1952	14.5	15.1	18.1	34.9	42.8	52.8	54.4	53.1	48.5	40.9	21.0	15.1	34.3
1953	24.7	17.1	26.9	29.9	38.4	51.6	57.1	53.4	49.5	40.2	30.0	17.0	36.3
1954	24.0	26.5	23.8	37.5	44.1	49.9	56.4	54.2	50.2	41.0	30.8	17.4	38.0
1955	13.2	11.3	21.4	29.7	42.4	47.6	55.3	54.9	48.1	38.0	24.3	23.5	34.1
1956	22.4	12.0	22.4	32.2	45.5	52.7	53.7	51.2	48.4	38.5	19.9	16.3	34.6
1957	15.8	26.0	24.4	30.4	40.6	49.6	55.3	54.1	44.5	39.2	21.5	18.2	35.0
1958	12.2	23.0	22.0	28.5	44.9	51.8	53.4	55.2	47.8	37.1	26.9	21.9	35.4
1959	16.2	19.4	21.0	31.1	42.7	51.7	54.0	53.5	45.0	36.3	25.8	20.5	34.8
1960	14.8	13.2	27.9	34.6	40.7	50.0	53.7	52.6	48.9	37.1	26.5	17.9	34.8
1961	13.2	18.1	25.4	30.1	42.3	53.5	56.6	57.7	45.0	39.7	23.2	15.6	35.0
1962	9.1	23.2	19.4	37.5	44.7	52.4	57.4	56.2	50.2	42.8	31.7	20.7	37.1
1963	13.9	22.0	23.5	37.9	47.9	53.4	61.3	57.1	53.9	46.6	31.2	18.4	38.9
1964	13.1	10.7	17.5	31.4	42.8	49.5	58.1	53.3	47.5	39.6	26.8	18.0	34.0
1965	19.6	17.0	16.7	32.5	41.9	48.8	55.6	51.7	44.5	40.6	29.5	21.6	35.0
1966	13.0	13.5	25.3	33.1	42.8	49.2	58.4	53.8	48.1	38.7	31.5	17.1	35.4
1967	19.2	17.8	30.0	34.1	40.0	48.0	56.8	53.3	48.4	40.1	28.1	16.5	36.0
1968	17.6	21.2	23.4	28.6	35.6	50.9	55.6	52.6	45.4	40.0	21.9	18.2	34.6
1969	21.3	17.4	17.7	36.5	45.8	48.0	58.3	58.3	49.4	32.9	24.1	20.3	35.9
1970	16.5	20.6	20.5	26.6	42.4	50.1	56.3	56.8	46.4	32.8	27.0	19.4	34.6

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

DOHERTY RANCH

05 2312 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAS		EXTREMES				MEAN: NO OF DAYS						STOS, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 CR MORE	.50 CR MORE	1.00 CR MORE
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW													
JAN															.43	1.12	1960	14	4.7	10.	1960	14	1.3	.1	.1
FEB															.45	.84	1952	3	2.3	8.	1964	4	1.1	.3	0.0
MAR															.69	.90	1959	20	6.4	9.	1955	31	1.7	.3	0.0
APR															1.14	2.15	1969	16	2.3	10.	1969	16	2.6	.8	.2
MAY															1.79	2.09	1955	19	0.0	0.	0	0	3.5	1.3	.4
JUN															1.37	3.65	1951	14	0.0	0.	0	0	2.9	.8	.2
JUL															2.25	3.20	1953	11	0.0	0.	0	0	4.9	1.5	.3
AUG															1.81	1.76	1958	21	0.0	0.	0	0	4.3	1.1	.3
SEP															.90	2.50	1966	1	0.0	0.	0	0	2.0	.5	.2
OCT															.82	1.83	1960	15	1.7	8.	1966	17	1.8	.8	.1
NOV															.52	.65	1964	3	4.1	12.	1958	17	1.1	.1	0.0
DEC															.45	.80	1954	27	4.2	10.	1959	27	1.4	.1	0.0
ANNUAL															12.6				26.				28.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	0.00	0.00	0.00	0.06	.83	.22	0.00	0.00	0.00	0.00	7.78
.10	.05	0.00	.12	.24	.42	.13	1.04	.36	.16	0.00	0.00	.06	8.66
.20	.11	.11	.24	.45	.75	.28	1.35	.61	.31	.18	.18	.13	9.82
.30	.17	.17	.35	.52	1.01	.46	1.60	.86	.45	.31	.27	.20	10.72
.40	.23	.23	.45	.70	1.28	.67	1.84	.59	.59	.46	.35	.27	11.53
.50	.31	.31	.57	.97	1.55	.93	2.08	.74	.74	.62	.44	.35	12.33
.60	.40	.40	.70	1.17	1.80	1.19	2.35	.91	.80	.54	.44	.35	13.16
.70	.52	.52	.86	1.42	2.02	1.64	2.56	1.21	1.12	1.03	.66	.55	14.09
.80	.68	.73	1.07	1.74	2.70	2.21	3.06	2.79	1.40	1.35	.82	.71	15.03
.90	.96	.98	1.42	2.25	3.46	3.19	3.56	3.75	1.85	1.86	1.07	.96	16.91
.95	1.24	1.23	1.75	2.74	4.18	4.18	4.22	4.69	2.28	2.37	1.30	1.20	18.38
ALPHA	1.10	1.61	1.83	2.16	2.37	.95	4.53	1.52	1.85	1.39	2.17	1.50	15.07
BETA	.39	.31	.40	.56	.79	1.44	.50	1.19	.51	.66	.27	.31	.84
Q	0.00	.10	.05	.05	.05	0.00	0.00	0.00	.05	.10	.10	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

DOHERTY RANCH

05 2312 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.51	.26	.77	1.20	1.64	4.08	3.20	4.09	.18	.69	.38	.21	17.61
1952	.20	1.38	1.11	1.94	1.23	.04	1.48	.24	2.23	.00	.78	.41	11.04
1953	.57	.26	.24	.77	1.74	1.61	5.12	3.95	.66	.32	1.17	1.16	17.57
1954	.41	.31	.40	.29	2.62	.04	1.90	1.44	.58	1.50	.15	.95	10.59
1955	.10	.44	.74	1.06	5.20	.27	.82	4.41	1.32	.23	.25	.140	14.98*
1956	.16	.50	.55	.57	.52	2.10	1.99	2.23	.00	.05	.67	.05	9.39
1957	.05	.00	1.93	4.54	3.59	1.10	1.15	.74	.43	1.58	1.250	.07	16.43*
1958	.52	.29	.73	.96	2.01	1.41	2.83	3.35	.45	.35	.40	.960	15.26*
1959	.54	.13	1.32	.67	2.35	.14	1.47	1.73	.68	.87	.49	.71	11.50
1960	1.69	1.30	.52	1.44	.00	.47	3.33	.64	1.96	3.35	.05	.88	15.63
1961	.05	1.11	.93	.65	1.55	1.95	1.97	.47	1.08	.86	1.12	.14	11.88
1962	.77	.33	.22	.95	.43	1.31	2.68	.11	.16	.20	.66	.18	8.00
1963	.05	.62	.20	.00	.52	.78	1.27	2.64	1.08	.18	.15	.16	7.65
1964	.34	1.14	.08	.67	2.02	.21	.77	.92	.30	.00	.85	.25	7.55
1965	.38	.17	T	.69	1.33	3.64	2.51	2.17	1.00	.62	T	.20	12.71
1966	.21	.16	.28	.30	1.56	.80	3.77	1.89	3.17	.75	T	.32	13.81
1967	.33	T	.19	.50	1.06	2.95	2.04	2.42	.48	.82	.37	1.01	12.17
1968	.13	.27	.78	1.38	1.36	.30	3.18	1.17	.39	.68	.64	.40	10.68
1969	.11	.26	1.79	3.04	3.52	2.85	1.38	.38	.63	1.65	.40	.72	16.73
1970	.05	.05	1.03	1.15E	.48	1.29	2.10	1.16	1.24	1.74	.62	T	10.91*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.0	3.0	8.3	6.0	.0	T	
51-52	T	.0	.0	.0	9.0				12.5		.0	.0	
52-53	.0	.0	.0	.0		4.0	9.0		.0	.0	T	T	
53-54	.0	.0	.0	.0	18.0	14.0	6.5		5.0	.0		.0	
54-55	.0	.0	.0	.0	T						.0	.0	
55-56	.0	.0	.0	.0	T		2.5	7.0	5.9		.0	.0	
56-57	.0	.0	.0	.0	11.0		1.0	.0			T	.0	
57-58	.0	.0	.0	.0		2.0					T	.0	
58-59	.0	.0	.0	.0			12.0		13.0		.0	.0	
59-60	.0	.0		5.0	5.0	10.0			3.0	2.0	.0	.0	
60-61	.0	.0	.0	7.0	1.0						T	.0	
61-62	.0	.0	T		7.0					2.0	.0	.0	
62-63	.0	.0	T	.0	5.0	.0	.5	6.0		.0	.0	.0	
63-64	.0	.0	.0		1.5	1.6					.0	.0	
64-65	.0	.0	.0	.0			5.0		T	.0	.0	.0	
65-66	.0	.0	.0	.0	T	2.0			2.8	3.0	T	.0	
66-67	.0	.0	.0	.0	T				T		.0	.0	
67-68	.0	.0	.0				T	T		T	.0	.0	
68-69	.0	.0	.0	.0	.0		2.0	.0	20.0	10.0	.0	.0	
69-70	.0	.0	.0				2.0				.0	.0	

CLIMATOLOGY REPORT NO. 77-1

DOLORES

05 2326 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)											
	MEANS				EXTREMES				MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	10 OR MORE	50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW											
JAN												1.69	1.79	1953	14	16.5	34.	1952	8	4.1	.9	.1	
FEB												1.35	1.26	1958	26	15.2	33.	1960	20	4.4	.8	.1	
MAR												1.54	1.03	1964	24	13.9	40.	1960	4	4.9	.7	.1	
APR												1.70	.98	1951	30	5.5	14.	1953	8	4.1	1.1	0.0	
MAY												1.17	1.15	1965	13	.3	0.	0	0	2.9	.8	.1	
JUN												.52	.77	1954	27	0.0	0.	0	0	1.7	.3	0.0	
JUL												1.45	2.08	1967	17	0.0	0.	0	0	4.1	.6	.1	
AUG												2.29	1.85	1959	7	0.0	0.	0	0	5.8	1.3	.3	
SEP												1.46	2.00	1970	6	0.0	0.	0	0	3.4	.9	.2	
OCT												1.61	1.56	1961	9	.4	10.	1965	18	3.8	1.0	.3	
NOV												1.49	1.41	1966	9	8.0	13.	1964	17	3.4	.8	.2	
DEC												1.80	1.70	1955	2	11.8	29.	1967	21	4.2	1.2	.1	
ANNUAL												18.1				71.				47.	10.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.34	.12	.20	.47	.12	0.00	.32	.50	0.09	0.00	.34	0.00	11.19
.10	.49	.22	.32	.63	.21	.07	.45	.71	0.00	0.00	.48	.31	12.45
.20	.74	.40	.54	.87	.37	.15	.66	1.04	.42	.49	.70	.65	14.11
.30	.96	.59	.75	1.04	.54	.23	.86	1.11	.68	.85	.89	.92	15.39
.40	1.19	.79	.98	1.30	.71	.32	1.05	1.11	.93	1.14	1.09	1.20	16.55
.50	1.44	1.03	1.23	1.52	.91	.41	1.26	1.19	1.19	1.43	1.30	1.50	17.68
.60	1.72	1.30	1.52	1.75	1.14	.52	1.49	1.39	1.49	1.74	1.53	1.83	18.86
.70	2.06	1.55	1.88	2.05	1.42	.65	1.77	1.57	1.65	2.10	1.80	2.24	20.18
.80	2.50	1.93	2.39	2.62	1.82	.83	2.13	1.93	2.13	2.57	2.17	2.78	21.81
.90	3.22	2.63	3.16	3.62	2.47	1.13	2.72	2.28	2.30	3.30	2.75	3.66	24.20
.95	3.90	3.71	3.94	3.57	3.10	1.41	3.27	5.15	3.84	3.98	3.29	4.49	26.30
ALPHA	2.19	1.30	1.58	3.01	1.42	1.49	2.37	2.77	1.84	2.62	2.51	1.91	15.24
BETA	.77	1.04	.97	.57	.22	.37	.61	.97	.88	.72	.59	.99	1.19
C	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	.10	.15	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 C= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.54	1.09	.47	2.68	1.41	.00	.83	2.79	.90	1.14	1.71	5.52	20.48
1952	2.64	1.22	2.23	3.04	.59	.75	1.43	.80	1.42	.00	1.35	.95	16.42
1953	2.80	.18	1.55	2.56	.82	.22	2.53	2.53	.00	3.76	2.12	.85	19.92
1954	1.68	.33	1.73	1.71	2.250	.77	.91	.61	2.97	.87	.97	1.24	15.44*
1955	1.28	2.86	.12	1.71	1.42	.50	2.56	3.26	.40	.00	1.58	2.97	16.68
1956	1.22	.67	.33	.92	1.44	.26	2.47	.97	.30	.93	.10	.00	9.61
1957	5.21	1.68	1.87	4.06	3.88	.74	3.39	4.01	.00	3.25	2.32	.96	31.97
1958	1.20	2.45	2.44	1.08	.29	.35	.28	1.98	2.51	1.37	1.08	.12	15.15
1959	.35	1.62	.17	1.83	.92	.29	1.06	4.19	.69	3.51	1.26	2.04	17.93
1960	2.58	1.82	1.81	1.65	.86	.51	.91	.25	1.37	2.19	1.26	1.44	16.65
1961	1.00	.99	3.55	.97	1.02	.05	.77	1.70	2.76	1.95	1.35	.85	16.96
1962	.68	2.81	1.26	.61	.65	.28	.26	.73	2.17	2.55	1.35	1.67	15.22
1963	1.50	1.39	.96	.67	.11	.10	1.33	4.94	.55	1.44	.46	.52	13.97
1964	.59	.15	2.79	2.39	1.10	.09	1.49	2.58	2.96	.00	2.88	2.10	15.12
1965	2.41	1.29	2.30	3.10	2.64	1.38	2.36	1.94	1.93	2.47	3.23	3.68	28.73
1966	.55	1.25	.43	1.19	.71	.60	.36	.93	2.14	.56	2.04	2.91	13.67
1967	1.03	.03	.49	.77	1.04	.62	2.85	3.59	1.51	.23	.35	3.68	16.19
1968	.63	1.63	1.26	1.25	1.53	.16	.96	2.51	.13	1.32	.85	2.20	14.73
1969	3.51	3.37	1.16	.33	.63	2.01	1.21	3.06	.95	3.21	1.33	.75	21.52
1970	.51	.27	3.82	1.56	.02	.77	1.12	2.39	3.48	1.46	2.17	1.50	15.07

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51						35.0	21.0	14.0	8.5	7.0	.0	.0	
51-52	T	.0	.0	1.0		37.0	37.0	15.0	35.5	6.0	.0	.0	
52-53	.0	.0	.0	.0	15.0	8.0	14.5	2.0	11.0	14.0	.0	.0	64.5
53-54	T	.0	.0	.0	6.0	17.0	9.0				.0	.0	
54-55	.0	.0	.0	.0		7.0	13.1	27.0	1.0	T	2.0	.0	
55-56	.0	.0	.0	.0	16.0	14.0					.0	.0	
56-57	.0	.0	.0	3.5		.0	41.0	1.8			2.0	.0	
57-58	.0	.0	.0		14.0	3.5					.0	.0	
58-59	.0	.0	.0	.0		2.0	5.0	29.0	T	T	.0	.0	
59-60	.0	.0	.0		4.0	17.0	16.0	29.5		2.0	1.0	.0	
60-61	.0	.0	.0		.7	16.0	11.0	8.0	25.5	2.0	T	.0	
61-62	.0	.0	T		7.0	13.0	14.0	30.0	13.5	.0	.0	.0	
62-63	.0	.0	.0	.0	3.0	8.0	17.0	9.0	9.0	2.0	.0	.0	48.0
63-64	.0	.0	.0	.0	2.0	7.0	6.0	1.5	36.0	8.0	T	.0	60.5
64-65	.0	.0	.0	.0	17.0	17.5	19.0		23.0	13.0	T	.0	
65-66	.0	.0							3.5	12.0	T	.0	
66-67	.0	.0	.0	.0					T		.0	.0	
67-68	.0	.0	.0		2.8						T	.0	
68-69	.0	.0	.0	.0							.0	.0	
69-70	.0	.0	.0	.2			7.0				.0	.0	

CLIMATOLOGY REPORT NO. 77-1

DURANGO

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S				EXTREMES				MEAN NO OF DAYS				SIGN, S.FEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	42.5	10.9	26.7	65.	1956	11	-30.	1963	13	0.0	3.0	30.9	5.2	1.78	1.26	1957	8	16.8	35.	1957	29	4.6	.9	.1
FEB	47.0	15.1	31.1	68.	1958	22	-18.	1951	1	0.0	.8	27.9	1.9	1.10	.79	1955	26	10.5	34.	1957	1	3.5	.6	0.0
MAR	53.1	20.8	37.0	78.	1966	31	-7.	1966	4	0.0	0.0	29.9	.3	1.44	.75	1954	23	12.4	22.	1955	1	4.5	.7	0.0
APR	62.4	27.6	45.0	82.	1962	18	6.	1955	4	0.0	0.0	23.9	0.0	1.29	1.44	1952	28	3.7	5.	1953	8	2.8	.8	0.0
MAY	72.3	34.6	53.4	90.	1956	31	18.	1967	2	0.0	0.0	11.4	0.0	.91	1.88	1955	8	.1	0.	0	0	2.8	.5	.1
JUN	81.4	40.7	61.1	97.	1954	22	25.	1954	7	2.9	0.0	2.3	0.0	.72	1.05	1952	3	0.0	0.	0	0	2.1	.1	0.0
JUL	86.6	49.5	68.0	96.	1953	4	35.	1955	9	8.6	0.0	0.0	0.0	2.03	1.89	1954	23	0.0	0.	0	0	5.3	.9	.3
AUG	84.3	48.1	66.2	96.	1961	8	33.	1964	28	4.6	0.0	0.0	0.0	2.58	1.93	1959	5	0.0	0.	0	0	6.3	1.5	.2
SEP	78.4	39.2	58.8	92.	1960	5	21.	1961	30	1.0	0.0	4.9	0.0	1.46	2.62	1970	5	0.0	0.	0	0	3.8	.8	.1
OCT	68.1	29.9	49.0	85.	1964	3	10.	1970	28	0.0	0.0	21.9	0.0	1.81	2.00	1953	20	.4	3.	1956	29	3.6	1.5	.4
NOV	53.9	20.8	37.4	74.	1952	1	-9.	1952	27	0.0	0.0	27.8	.3	1.32	1.37	1966	8	5.1	11.	1952	23	3.2	.6	.2
DEC	43.3	12.6	28.0	64.	1965	6	-18.	1961	12	0.0	3.6	30.7	3.3	2.15	2.12	1966	6	17.8	33.	1967	20	4.5	1.5	.2
ANNUAL	64.4	29.2	46.8							17.	8.	212.	11.	18.6				67.				47.	10.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.22	.16	0.00	.17	.05	0.00	.60	.61	0.00	0.00	.33	.31	12.32
.10	.36	.25	.33	.28	.10	.08	.79	.85	.17	0.00	.45	.48	13.51
.20	.61	.41	.59	.46	.22	.20	1.08	1.23	.60	.38	.65	.79	15.04
.30	.86	.56	.81	.64	.34	.31	1.33	1.57	.82	.76	.99	1.09	16.22
.40	1.12	.82	1.02	.83	.48	.42	1.59	1.90	1.06	1.11	1.22	1.41	17.28
.50	1.41	1.09	1.24	1.04	.64	.55	1.85	2.23	1.27	1.41	1.57	1.75	18.33
.60	1.76	1.10	1.49	1.25	.84	.71	2.11	2.57	1.47	1.67	1.87	2.09	19.37
.70	2.18	1.35	1.79	1.57	1.10	.90	2.44	2.96	1.63	1.87	2.09	2.33	20.40
.80	2.75	1.68	2.18	1.97	1.46	1.16	2.87	3.37	1.81	2.07	2.29	2.55	21.43
.90	3.70	2.23	2.80	2.62	2.08	1.59	3.54	4.74	2.33	2.57	2.80	3.09	22.46
.95	4.61	2.76	3.36	3.26	2.69	2.01	4.16	5.67	2.80	3.04	3.28	3.59	23.49
ALPHA	1.53	1.69	2.33	1.63	1.05	1.39	3.28	2.58	1.40	1.85	2.71	1.70	19.93
BETA	1.16	.65	.65	.79	.87	.55	.62	1.00	1.10	1.15	.49	1.27	.93
Q	0.00	0.00	.05	0.00	0.00	.05	0.00	0.00	.05	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

DURANGO

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.62	.51	.91	1.17	.39	T	.99	1.19	.80	1.63	1.27	5.43	15.91
1952	3.48	.61	1.26	3.06	.32	1.54	2.38	2.92	1.60	.00	2.48	1.19	20.84
1953	1.59	.35	1.70	2.12	.64	1.05	2.28	2.48	T	3.18	1.77	1.12	18.28
1954	1.11	.21	2.24	.33	1.63	.68	4.16	1.63	3.03	1.11	.33	1.03	17.49
1955	2.01	2.17	T	1.19	2.49	.28	2.27	5.13	.72	T	1.15	2.13	19.54
1956	3.39	.50	.82	1.00	.02	.21	.75	.93	.13	1.60	.31	.53	10.19
1957	6.28	.87	1.63	2.89	2.90	.51	4.17	3.65	.09	4.08	3.85	1.48	32.40
1958	.57	1.95	3.26	1.15	.36	.66	.48	2.07	2.30	1.69	.85	.27	16.01
1959	.12	2.14	.16	1.00	.40	.59	2.10	4.82	.83	4.58	.53	3.62	21.09
1960	1.82	1.77	1.06	1.34	.72	.91	1.03	.48	1.40	3.83	.90	2.02	17.28
1961	.60	.56	4.08	.87	.35	.05	1.91	3.12	2.22	2.58	.85	1.39	18.58
1962	.78	2.29	.87	.24	1.24	.54	.53	.42	2.46	2.73	1.67	1.63	15.40
1963	2.53	1.26	1.00	1.32	.18	.24	2.97	5.17	1.03	1.77	.88	.42	18.77
1964	.56	.48	2.29	1.84	.33	.10	2.13	3.75	2.07	T	1.52	3.10	18.17
1965	2.03	1.64	1.73	3.35	1.67	1.26	1.98	2.13	1.85	1.07	2.83	4.76	26.30
1966	.49	1.23	.54	.96	.88	.43	.87	3.44	1.14	.48	1.44	5.36	17.26
1967	.53	.12	.43	.08	.68	1.19	2.72	3.53	1.23	.08	.54	4.03	15.56
1968	1.49	1.36	1.11	1.17	2.14	.14	2.75E	1.10	.09	1.32	.94	1.73	15.34*
1969	3.59	1.89	1.14	.22	.87	2.44	1.96	1.53	1.72	3.51	.96	.45	20.28
1970	.26	.14	2.52	.41	.03	1.65	2.23	2.19	4.53	.96	1.43	1.19	17.54

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T	1.8	30.0	12.9	4.5	9.5	2.4	.0	.0	
51-52	.0	.0	.0	T	1.8	30.0	35.3	7.0	16.3	3.4	T	.0	93.8
52-53	.0	T	.0	.0	21.7	14.1	15.8	4.5	9.0	10.0	T	.0	75.1
53-54	.0	T	.0	T	3.0	12.0	11.2	.5	5.2	T	T	T	31.9
54-55	.0	T	.0	T	T	7.5	21.1	28.5	T	.7	T	.0	57.8
55-56	.0	T	.0	.0	6.0	13.5	30.0	5.5	8.8	.8	.0	.0	64.6
56-57	.0	.0	.0		3.5	7.0	58.0	1.5	9.0	15.5	1.0	.0	
57-58	.0	.0	.0	T	9.0	12.0	11.5	12.0	24.0	3.5	.0	.0	72.0
58-59	.0	.0	.0	.1	4.5	3.5	2.5	21.5	T	T	.0	.0	32.1
59-60	.0	.0	.0	T	T	29.5	14.0	28.0	5.0	1.5	T	.0	78.0
60-61	.0	.0	.0	1.0	2.0	19.0	6.5	4.5	33.5	T	.0	.0	66.5
61-62	.0	.0	.0	5.0	4.0	21.5	10.0	14.5	8.5	T	.0	.0	63.5
62-63	.0	.0	T	T	7.5	6.5	24.5	9.5	17.0	1.5	.0	.0	66.5
63-64	.0	.0	.0	.0	5.5	6.0	9.0	9.0	31.5	11.0	.5	.0	72.5
64-65	.0	.0	.0	.0	13.5	26.0	19.0	20.0	12.5	5.5	.5	.0	97.0
65-66	.0	.0	.0	2.0	6.5	28.0	10.5	14.0	7.0	7.0	.0	.0	75.0
66-67	.0	.0	.0	.0	1.0	13.0	10.5	.5	T	T	.0	.0	25.0
67-68	.0	.0	.0	.0	6.0	46.0	13.0	12.5	4.0	8.0	T	.0	89.5
68-69	.0	.0	.0	.0	5.0	37.5			19.2	.0	.0	.0	
69-70	.0	.0	.0	.0	2.0	6.5	4.5	2.0	27.8	3.0	.0	.0	45.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.8	46.0	53.5	61.4	72.0	79.4	89.0	83.4	80.2	64.9	48.8	37.5	63.2
1952	39.5	42.7	45.7	63.1	71.5	80.8	84.5	84.5	79.9	74.3	50.3M	41.8	63.2*
1953	48.5	47.3	56.4	60.4	66.5	83.7	86.4	83.9	81.1	66.7M	56.8	41.2	64.9*
1954	45.7	56.8	51.1	69.6	74.5	82.2	87.9	84.8	77.2	70.7	60.2	44.7	67.2
1955	40.1	40.4	55.1	60.1	69.4	80.3	83.8	85.2	80.8	73.1	53.4	43.9M	63.8*
1956	48.8	43.7	56.6	63.8	75.5	85.3	86.2	84.0	85.0	69.5	52.4	46.7	66.5
1957	41.5	51.7	55.1	58.9	66.1	81.1	83.7	82.4	80.0	63.1	47.4	47.2	63.2
1958	46.1	51.5	48.1	59.7	76.9	84.7	86.6	87.9	77.7	70.1	56.6	53.6	66.6
1959	47.9	46.4	56.5	65.5	72.7	84.5	87.8	83.6	77.7	66.7	55.7	47.8	66.1
1960	38.0	39.8	56.6	65.0	72.6	84.4	87.8	88.8	82.0	65.7	56.4	41.6	64.9
1961	45.5	50.3	53.8	63.2	74.5	84.9	87.2	84.5	74.2	66.8	50.4	38.8	64.5
1962	41.1	47.7	50.7	68.4	72.3	81.7	86.2	82.2	78.4	69.3	56.8	47.9	65.6
1963	34.3	50.3	53.5	63.5	77.5	80.8	89.3	82.5	81.3	72.4	55.7	44.9	65.5
1964	42.2	44.5	48.9	59.4	71.8	80.6	87.6	82.7	75.9	73.8	51.3	40.5	63.3
1965	43.2	45.9	49.6	59.6	68.8	77.7	85.9	82.7	72.8	71.9	55.7	45.0	63.2
1966	39.4	41.4	58.5	65.6	75.2	81.8	88.8	85.7	79.4	69.1	58.0	41.7	65.4
1967	40.0	50.1	60.2	61.6	71.7	77.8	87.1	81.6	77.1	69.7	58.2	36.6	64.3
1968	40.7	49.0	55.6	57.8	69.4	83.3	84.0	78.4	75.9	67.4	49.2	38.5	62.4
1969	41.4	42.0	47.0	64.7	73.5	75.5	85.3	85.4	76.7	58.1	52.5	44.2	62.2
1970	42.5	52.9	48.8	56.2	72.8	77.8	86.5	86.2	74.0	59.5	53.0	42.7	62.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.1	16.5	20.1	29.1	35.1	37.0	49.2	47.9	34.4	28.7	19.1	7.6	28.1
1952	11.5	12.0	15.2	30.9	35.1	41.4	48.4	50.1	40.7	27.5	15.8M	11.2	28.6*
1953	14.3	14.9	22.9	27.1	31.6	42.1	50.1	46.2	37.0	30.2M	23.2	9.4	29.1*
1954	13.9	19.3	21.1	28.8	36.1	40.5	52.5	46.2	41.2	32.5	22.0	13.0	30.6
1955	8.4	7.5	19.1	25.1	33.5	38.7	46.3	50.0	37.6	28.3	19.1	15.7	27.4
1956	18.9	11.1	19.6	26.8	34.5	43.0	47.3	44.1	36.6	27.6	14.3	9.2	27.8
1957	16.9	21.3	23.6	27.7	34.6	41.6	50.2	50.1	35.5	33.5	19.1	14.5	30.7
1958	10.7	19.1	20.7	26.7	36.6	41.1	44.7	47.8	40.9	29.1	20.3	14.4	29.3
1959	10.9	14.1	18.6	27.4	34.1	43.7	46.1	48.3	36.8	28.5	17.9	14.8	28.4
1960	5.7	10.3	22.4	27.1	32.2	42.0	47.5	46.3	42.3	31.1	20.3	14.7	28.5
1961	8.7	17.1	23.6	26.5	34.1	41.6	47.3	49.6	36.0	28.9	21.6	8.4	28.6
1962	9.6	19.5	18.2	30.3	33.0	40.0	48.4	45.3	42.3	31.9	25.0	15.1	29.9
1963	4.0	18.8	22.2	27.6	36.9	39.0	50.3	51.7	43.3	34.1	21.8	11.4	30.1
1964	7.2	8.9	17.9	26.4	35.2	38.9	51.4	47.7	40.7	28.5	20.9	13.7	28.1
1965	15.8	13.0	20.5	30.0	34.4	39.6	51.4	47.4	39.3	29.9	26.2	17.4	30.4
1966	7.0	9.9	20.1	28.5	36.4	41.5	52.4	48.5	40.6	29.7	24.5	13.1	29.4
1967	7.5	16.4	25.1	25.7	33.5	40.3	52.3	47.4	41.4	28.7	21.4	8.4	29.0
1968	8.3	18.8	22.0	26.8	33.9	40.1	50.6	45.8	36.4	29.8	22.6	8.5	28.6
1969	15.3	14.9M	19.1	29.6	36.8	41.4	52.0	51.6	42.9	30.7	20.0	18.5	31.1*
1970	12.0	19.5	21.1	24.9	34.1	41.3	50.8	50.7	38.2	28.0	21.3	12.1	29.5

AVERAGE TEMPERATURE (F)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.5	31.3	36.8	45.3	53.6	58.2	69.1	65.7	57.3	46.8	34.0	22.6	45.7
1952	25.5	27.4	32.0	47.0	53.3	61.1	66.5	67.3	60.3	50.9	33.1M	26.5	45.9*
1953	31.4	31.1	32.7	43.8	49.1	62.9	68.3	65.1	59.1	48.5M	40.0	25.3	47.0*
1954	29.8	38.1	36.5	49.2	55.3	61.4	70.2	65.5	59.2	51.6	41.1	28.9	48.9
1955	24.3	24.0	37.1	42.6	51.5	59.5	65.1	67.6	59.2	50.7	36.3	29.8M	45.6*
1956	33.9	27.4	35.1	45.3	55.0	64.2	66.8	64.1	60.8	48.6	33.4	28.0	47.1
1957	29.2	36.5	39.4	43.3	50.4	61.4	67.0	66.3	57.8	48.3	33.3	30.9	47.0
1958	28.4	35.3	34.4	43.2	56.8	62.9	65.7	67.9	59.3	49.6	38.5	34.0	48.0
1959	29.4	30.3	37.6	46.5	53.4	64.1	67.0	65.0	57.3	47.6	36.8	31.3	47.3
1960	21.9	25.1	39.5	46.1	52.4	63.2	67.7	67.6	62.2	48.4	38.4	28.2	46.7
1961	27.1	33.7	39.7	44.9	54.3	63.3	67.3	67.1	55.1	47.9	36.0	23.6	46.6
1962	25.4	33.6	34.5	49.4	52.7	60.9	67.3	66.3	60.4	50.6	40.9	31.5	47.8
1963	19.2	34.6	37.9	45.6	57.2	59.9	69.8	67.1	62.3	53.3	38.8	28.2	47.8
1964	24.7	26.7	33.4	42.9	53.5	59.8	69.5	65.2	58.3	51.2	36.1	27.1	45.7
1965	29.5	29.5	35.1	44.8	51.6	58.7	68.7	65.1	56.1	50.9	41.0	31.2	46.9
1966	23.2	25.7	39.7	47.1	55.8	61.7	70.6	67.1	60.0	49.4	41.3	27.4	47.4
1967	23.8	33.3	42.7	43.7	52.6	59.1	69.7	64.5	59.3	49.2	39.8	22.5	46.7
1968	24.5	33.9	35.8	42.3	51.7	61.7	67.3	62.1	56.2	48.6	35.9	23.5	45.5
1969	28.4	28.5M	33.1	47.2	55.2	58.5	68.7	69.5	59.8	44.4	36.3	31.4	46.7*
1970	27.3	36.2	35.0	40.6	53.5	59.6	68.7	68.5	56.1	43.8	37.2	27.4	46.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

EADS

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	45.2	14.5	29.9	73.	1956	5	-25.	1963	12	0.0	5.0	30.4	4.2	.27	.60	1960	14	3.5	8.	1966	21	.8	.2	0.0	
FEB	50.1	19.0	34.6	80.	1962	12	-19.	1960	25	0.0	2.9	26.4	1.2	.32	.95	1960	15	5.0	4.	1966	2	1.1	.2	0.0	
MAR	55.9	25.9	39.7	85.	1963	29	-16.	1960	3	0.0	1.6	25.9	.4	.65	1.02	1952	21	5.2	5.	1956	15	1.9	.3	0.0	
APR	60.3	34.9	51.5	93.	1955	18	10.	1957	8	.2	0.0	10.9	0.0	1.11	1.75	1960	13	2.5	5.	1958	8	2.5	.6	.2	
MAY	77.7	45.6	61.7	100.	1962	12	17.	1967	1	4.1	0.0	1.3	0.0	2.43	2.41	1965	24	0.0	0.	0	0	4.6	1.8	.7	
JUN	87.7	55.2	71.5	110.	1963	29	34.	1951	2	14.5	0.0	0.0	0.0	2.03	2.45	1969	14	0.0	0.	0	0	3.6	1.3	.6	
JUL	93.0	61.0	77.0	107.	1963	2	43.	1952	8	22.7	0.0	0.0	0.0	2.18	1.84	1966	28	0.0	0.	0	0	4.9	1.7	.6	
AUG	90.6	58.7	74.7	105.	1962	9	42.	1954	19	20.1	0.0	0.0	0.0	2.05	6.15	1968	14	0.0	0.	0	0	3.1	1.2	.5	
SEP	82.9	49.2	66.0	103.	1960	1	28.	1967	27	8.1	0.0	.4	0.0	1.12	4.50	1969	9	0.0	0.	0	0	2.1	.8	.3	
OCT	71.5	37.1	54.3	96.	1963	1	7.	1957	26	.8	0.0	8.3	0.0	.91	1.95	1965	17	1.2	3.	1969	12	2.0	.6	.2	
NOV	55.9	24.3	40.1	79.	1954	16	-9.	1952	27	0.0	1.3	26.2	.5	.48	1.10	1961	12	3.2	8.	1958	17	1.2	.2	.1	
DEC	47.2	17.1	32.1	78.	1955	24	-24.	1961	13	0.0	3.8	30.4	2.2	.53	.91	1953	3	2.6	6.	1965	17	1.1	.1	0.0	
ANNUAL	60.9	36.8	52.9							71.	15.	160.	9.	13.9				23.				29.	9.	3.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.83	0.00	.26	0.00	0.00	0.00	0.00	0.00	7.22
.10	0.00	0.00	0.00	0.00	1.06	0.00	.43	.29	0.00	0.00	0.00	0.00	8.36
.20	0.00	0.00	.07	.22	1.39	.51	.73	.63	.19	0.00	.09	0.00	9.89
.30	0.00	0.00	.19	.41	1.68	.86	1.04	.95	.42	.14	.17	0.00	11.12
.40	.08	.04	.32	.60	1.95	1.21	1.36	1.27	.64	.35	.25	.08	12.24
.50	.15	.13	.45	.82	2.23	1.59	1.72	1.63	.87	.58	.35	.17	13.36
.60	.24	.24	.62	1.07	2.54	2.03	2.14	2.04	1.12	.84	.46	.27	14.54
.70	.35	.38	.82	1.39	2.80	2.56	2.56	2.54	1.44	1.16	.60	.41	15.88
.80	.45	.58	1.09	1.65	3.06	3.28	3.36	3.23	1.86	1.60	.79	.59	17.55
.90	.73	.93	1.55	2.33	4.07	4.45	4.56	4.34	2.55	2.33	1.11	.91	20.05
.95	.97	1.27	2.00	3.04	4.73	5.58	5.65	5.42	3.21	3.04	1.43	1.23	22.28
ALPHA	1.22	1.00	1.26	1.32	3.98	1.59	1.52	1.59	1.60	1.28	1.24	1.05	8.94
BETA	.32	.49	.61	.93	.61	1.41	1.44	1.35	.82	.95	.43	.45	1.55
Q	.30	.35	.15	.10	0.00	.10	0.00	.05	.15	.25	.10	.30	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.64	.29	.18	1.10	2.09	6.41	.74	1.11	1.11	.44	.91	.17	15.19
1952	.08	.41	1.38	1.87	.82	.00	.02	2.72	.92	.00	.42	.02	8.66
1953	.25	.01	.86	2.48	2.05	.73	1.24	3.15	.00	1.69	1.68	1.22	15.36
1954	.32	.00	.18	.08	2.47	.25	2.04	4.23	.16	1.33	.15	.93	12.14
1955	.05	.460	.00	.64	2.13	.49	.38	1.60	.50	T	T	T	6.25*
1956	.25	.25	.20	T	1.85	T	2.44	.67	.00	.17	.26	T	6.09
1957	T	T	.46	3.44	2.52	2.60	1.92	1.30	.73	.27	.50	T	13.74
1958	.60	.18	1.56	.95	4.42	1.10	5.85	.90	.70	.45	.77	T	17.48
1959	.68	.35	T	1.57	2.80	3.20	.55	3.20	1.67	2.60	.19	T	17.11
1960	.87	2.71	.88	3.35	1.48	1.60	2.47	T	.67	2.15	.22	1.41	17.81
1961	T	.62	1.15	.40	4.14	2.95	2.55	3.20	.85	.35	1.85	.200	18.26*
1962	.30	.00	.53	.20	2.10	4.50	3.80	.25	T	T	1.15	.40	14.23
1963	.010	.00	2.35	.00	1.15	.97	1.40	2.62	2.00	T	.30	.15	10.95*
1964	T	.42	.01	.93	3.54	.39	1.24	.32	.98	.00	.26	.07	8.16
1965	.24	.34	.66	.14	3.07	4.50	1.87	3.74	1.85	1.98	.06	1.04	19.49
1966	.62	T	T	1.23	.59	.95	3.60	1.66	1.65	.97	T	.22	11.49
1967	.240	.00	.25	.22	4.88	1.83	2.79	1.90	1.31	.28	.33	.41	14.44*
1968	T	.30	.57	1.08	1.52	1.30	2.81	7.10	.12	.17	.36	.27	15.60
1969	T	.10	.89E	1.08	2.80	4.42	3.44	.88	5.71	3.22	.06	.12	22.72*
1970	T	.00	.84	1.36	1.24	2.37	2.36	.38	1.48	2.10	.12	T	12.25

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							8.4	3.5	.0	3.0	.0	T	
51-52	.0	.0	T	.0	6.5		.0				.0	.0	
52-53	.0	.0	.0	.0							T	.0	
53-54	.0	.0	.0	T				.0		.0		.0	
54-55	.0	T	.0	.0	.0		T		.0	T	T	T	
55-56	.0	T	.0	T	T	T	7.0	4.0		.0	.0	.0	
56-57	.0	.0	.0	.0	7.0	T	1.5	1.5	T	1.5	.0	.0	11.5
57-58	.0	.0	.0	.0		.0	6.0	4.0	6.0	7.0	.0	.0	
58-59	.0	.0	.0	.0	13.0	T	10.0		T	17.5	.0	.0	
59-60	.0	.0	T	10.0	2.0	T		42.0		4.0	.0	.0	
60-61	.0	.0	.0	T	4.0	12.5	.0		10.0	T	T	.0	
61-62	.0	.0	.0	.0	6.0			.0	4.0	.0	.0	.0	
62-63	.0	.0	T	.0		1.0		.0	22.0	.0	.0	.0	
63-64	.0	.0	.0	T		4.0		.0	8.0	4.0	.0	.0	22.0
64-65	.0	.0	.0	.0	5.0	1.0	6.5	7.0	7.5	.0	.0	.0	27.0
65-66	.0	.0	.0	.0		6.0	9.0	T	T	.0	.0	.0	
66-67	.0	.0	.0	5.0	T		4.5	.0	3.0	.0	.0	.0	
67-68	.0	.0	.0	.0			T		8.0	T	.0	.0	
68-69	.0	.0	.0	.0	1.0	7.5	T	T		.0	.0	.0	
69-70	.0	.0	.0	.0	T	T	T	.0	7.7	5.7	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.0	54.3	56.3	65.1	77.0	78.8	90.9	91.2	80.7	68.2	52.7	47.5	67.1
1952	49.9	53.0	51.6	66.0	77.1	96.7	96.0	93.3	85.4	75.3	50.8	45.4	70.0
1953	57.4	52.9	53.5	64.1	73.9	94.2	93.5	88.1	87.8	73.5	56.0	40.6	70.5
1954	43.5	63.7	55.9	76.4	73.5	93.8	96.3	91.5	89.0	69.7	61.9	52.0	72.3
1955	44.0	47.5	62.6	75.0	77.9	84.4	97.4	93.1	84.7	76.7	54.5M	48.1	70.5*
1956	46.3	43.7	61.0	67.5	82.6	95.9	92.6	90.6	88.7	76.9	53.6	51.4	70.9
1957	40.2	55.3	54.0	60.9	71.5	86.0	96.0	92.3	81.3	65.8	51.0	56.4	67.6
1958	47.7	46.2	40.2	62.5	80.2	88.3	88.0	91.3	85.3	71.5	56.9	47.8	67.2
1959	44.3	43.8	58.1	67.1	76.4	90.2	92.1	92.1	80.1	66.1	55.9	51.4	68.1
1960	40.0	32.3	48.8	70.5	76.6	87.4	90.2	93.7	83.6	69.7	57.3	42.1	66.0
1961	47.0	52.5	55.9	65.0	76.1	85.1	90.1	88.9	77.3	71.8	50.5	42.7	66.9
1962	38.6	53.5	56.0	70.7	84.1	82.4	92.1M	93.8	81.5	74.8	58.8	51.3	69.8*
1963	39.1	56.6	60.0	73.8	82.3	92.8	97.4	91.1	86.2	78.9	60.3	40.7	71.6
1964	50.3	43.9	56.1	66.8	80.2	86.0	96.6	91.2	81.4	72.4	54.7	48.5	69.0
1965	52.4	49.2	46.6	71.8	80.2	81.5	91.8	87.8	76.5	74.6	61.7	47.7	68.5
1966	35.6	40.1	62.8	66.2	80.8	88.5	95.2	84.7	81.8	71.6	59.4	45.1	67.7
1967	48.8	53.3M	63.3	71.6	72.5	82.5	89.0	86.5	79.8	73.4	55.8	40.5	68.1*
1968	46.6	49.1	59.1	67.2	72.2	90.4	90.5	86.1	83.2	76.9	53.1	43.9	68.2
1969	46.1M	51.7M	70.9	70.9	76.4	82.0	91.5	90.7	80.9	58.9	57.7	48.5	69.0
1970	45.2	58.6	50.7M	66.5	82.4	86.8	92.0	93.6	82.1	63.3	55.5	52.0	69.1*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.4	21.0	22.5	32.3	45.9	51.0	62.5	59.5	46.5	35.9	21.0	14.7	35.5
1952	17.6	20.1	22.8	35.9	45.0	60.4	60.8	61.5	51.0	35.5	22.5	18.7	37.7
1953	22.9	18.3	28.7	33.0	43.0	59.0	62.5	60.2	50.4	40.8	28.4	17.7	38.7
1954	18.7	29.0	23.8	37.9	44.9	57.3	65.0	59.4	53.7	38.5	27.9	19.4	39.6
1955	16.2	15.8			46.3	52.1	61.8	61.3	51.8	39.4	16.5M	18.9	
1956	17.3	17.6	24.5	32.3	48.0	61.1	61.4	58.6	51.0	41.5	24.6	22.1	38.3
1957	12.0	23.6	27.3	33.6	44.5	54.2	62.9	59.8	47.3	39.2	25.2	21.8	37.6
1958	17.8	22.6	22.1	34.2	50.2	57.0	58.8	59.5	52.1	38.0	23.9	20.5	38.1
1959	13.0	19.3	23.8	32.4	45.6	57.4	57.5	53.8	47.7	34.2	21.7	22.5	36.2
1960	12.7	10.4	23.7	38.9	43.4	54.4	58.5	58.6	49.4	39.0	25.7	16.6	35.9
1961	16.4	18.7	27.1	33.0	44.5	53.5	58.5	58.8	44.3	34.3	22.4	12.9	35.4
1962	6.1	22.4	22.4	37.3	49.5	54.1	59.6M	58.0	49.4	39.5	27.1	20.4	37.2*
1963	4.4	21.8	27.2	38.1	45.2	57.5	63.0	60.5	54.6	43.5	27.2	10.7	38.1
1964	15.6	16.8	21.2	34.8	45.8	55.0	64.5	58.1	51.3	36.6	26.0	16.5	36.9
1965	20.0	15.5	17.1	37.2	47.6	55.4	61.8	57.2	45.5	39.9	30.5	19.8	37.3
1966	10.5	17.1	29.0	34.8	42.4	55.5	64.5	56.2	49.0	32.8	23.2	10.5	35.5
1967	14.9	15.0M	24.9	36.0	39.2	50.8	56.2	51.9	44.8	30.8	17.5	9.9	32.7*
1968	9.9	13.3	20.6	31.4	42.2	56.0	59.9	57.2	46.0	36.0	22.2	11.0	33.8
1969	14.7M	21.9M	38.5	38.5	49.4	50.8	59.9	58.9	51.2	33.4	25.6	20.1	35.5*
1970	15.0	19.7	20.7M	32.4	45.5	52.3	60.7	58.7	46.3	33.3	24.0	16.8	

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.7	37.7	39.4	48.7	61.5	64.9	76.7	75.4	63.6	52.1	36.9	31.1	51.3
1952	33.8	35.6	37.2	51.0	61.1	78.6	78.4	77.4	68.2	55.4	36.7	32.1	53.9
1953	40.2	35.6	46.1	48.6	58.5	76.6	78.0	74.2	69.1	57.2	42.2	29.2	54.6
1954	31.1	46.4	39.9	57.2	59.2	75.6	80.7	75.5	71.4	54.1	44.9	35.7	56.0
1955	30.1	31.7			62.1	68.3	79.6	77.2	68.3	58.1	36.5M	33.5	
1956	31.8	30.7	42.8	49.9	65.3	78.5	77.0	74.6	69.9	59.2	39.1	36.8	54.6
1957	26.1	39.5	40.7	47.3	58.0	70.1	79.5	76.1	64.3	52.5	38.1	39.1	52.6
1958	32.8	34.4	31.2	48.4	65.2	72.7	73.4	75.4	68.7	54.8	40.4	34.2	52.6
1959	28.7	31.6	41.0	49.8	61.0	73.8	74.8	76.0	63.9	50.2	38.8	37.0	52.2
1960	26.4	21.4	36.3	54.7	60.0	70.9	74.4	76.2	66.5	54.4	41.5	29.4	51.0
1961	31.7	35.6	41.5	49.0	60.3	69.3	74.3	73.9	60.8	53.1	36.5	27.8	51.2
1962	22.4	38.0	39.2	54.0	66.8	68.3	75.9M	75.9	65.5	57.2	43.0	35.9	53.5*
1963	21.8	39.2	43.6	56.0	65.8	75.2	80.2	75.8	70.4	61.2	43.8	25.7	54.9
1964	33.0	30.4	38.7	50.8	63.0	70.5	80.6	74.7	66.4	54.5	40.4	32.5	53.0
1965	36.2	32.4	31.9	54.5	63.9	68.5	76.8	72.5	61.0	57.3	46.1	33.8	52.9
1966	23.1	28.6	45.9	50.5	61.6	72.0	79.9	70.5	65.4	52.2	41.3	27.8	51.6
1967	31.9	34.2M	44.1	53.8	55.9	66.7	72.6	69.2	62.3	52.1	36.7	25.2	50.4*
1968	28.3	31.2	39.9	49.3	57.2	73.2	75.2	71.7	64.6	56.5	37.7	27.5	51.0
1969	30.4M	36.8M		54.7	62.9	66.4	75.7	74.8	66.1	46.2	41.7	34.3	
1970	30.1	39.2	35.7M	49.5	64.0	69.6	76.4	76.2	64.2	48.3	39.8	34.4	52.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	34.0	2.0	18.1	58.	1954	7	-51.	1963	12	0.0	12.2	30.8	14.2	.80	1.23	1951	29	10.4	32.	1957	28	2.4	.2	0.0	
FEB	39.2	7.4	23.4	61.	1962	11	-46.	1951	1	0.0	6.1	28.1	8.7	.61	.57	1951	12	6.7	26.	1957	1	2.4	.1	0.0	
MAR	46.1	16.4	31.3	70.	1966	31	-20.	1952	23	0.0	2.5	30.5	2.5	.76	.42	1958	21	7.5	28.	1952	2	2.9	0.0	0.0	
APR	57.6	25.0	41.4	80.	1962	19	-7.	1957	8	0.0	0.0	26.4	0.0	.83	.96	1957	7	4.1	13.	1952	1	2.6	.2	0.0	
MAY	69.8	32.6	51.3	90.	1956	31	14.	1953	11	.1	0.0	15.4	0.0	.80	.77	1957	9	.5	1.	1961	7	2.6	.2	0.0	
JUN	79.8	38.8	59.3	99.	1954	23	23.	1954	2	2.2	0.0	3.9	0.0	.88	1.12	1959	27	0.0	0.	0	0	2.6	.3	.1	
JUL	86.5	45.6	66.1	98.	1964	20	29.	1968	1	9.3	0.0	.2	0.0	.99	1.02	1953	30	0.0	0.	0	0	3.4	.1	0.0	
AUG	83.2	44.3	63.8	95.	1969	9	27.	1962	25	4.2	0.0	.9	0.0	1.19	.92	1964	12	0.0	0.	0	0	3.4	.3	0.0	
SEP	76.1	34.4	55.3	92.	1954	1	19.	1962	10	.5	0.0	12.1	0.0	1.11	1.05	1961	22	.5	1.	1965	21	3.6	.5	.1	
OCT	64.4	24.8	44.6	82.	1963	4	5.	1958	23	0.0	0.0	26.0	0.0	.85	1.10	1959	28	1.7	7.	1969	30	2.7	.2	.1	
NOV	47.0	14.1	31.6	68.	1965	1	-29.	1952	27	0.0	2.9	29.3	3.3	.77	.97	1954	29	6.8	16.	1954	30	2.4	.2	0.0	
DEC	34.8	3.5	19.1	55.	1969	21	-33.	1962	26	0.0	12.7	30.6	13.2	.86	1.31	1951	30	9.5	28.	1951	31	2.4	.3	.1	
ANNUAL	59.9	24.1	42.0							16.	36.	234.	42.	10.4				48.				33.	3.	0.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.09	.15	.16	.12	.10	.08	.29	.32	.12	0.00	.26	.18	6.68
.10	.16	.21	.23	.19	.17	.15	.39	.43	.20	0.00	.34	.24	7.38
.20	.27	.30	.34	.31	.28	.27	.53	.60	.36	.26	.44	.39	8.29
.30	.38	.37	.45	.43	.39	.39	.65	.75	.51	.41	.53	.50	8.99
.40	.50	.45	.55	.55	.51	.52	.77	.90	.68	.55	.62	.62	9.62
.50	.63	.53	.69	.69	.64	.67	.89	1.06	.86	.70	.71	.74	10.24
.60	.70	.62	.79	.83	.79	.85	1.09	1.23	1.08	.87	.80	.88	10.88
.70	.97	.73	1.02	1.09	.98	1.07	1.19	1.44	1.35	1.08	.92	1.05	11.60
.80	1.23	.87	1.11	1.27	1.23	1.38	1.39	1.71	1.73	1.35	1.06	1.27	12.48
.90	1.66	1.10	1.42	1.67	1.65	1.89	1.72	2.13	2.34	1.74	1.28	1.62	13.76
.95	2.07	1.31	1.71	2.07	2.05	2.39	2.02	2.53	2.94	2.20	1.49	1.95	14.69
ALPHA	1.50	2.73	2.35	1.73	1.60	1.33	3.32	2.91	1.42	1.92	4.03	2.30	17.29
BETA	.53	.22	.32	.48	.50	.66	.30	.41	.78	.49	.19	.37	.60
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.24	.79	.27	1.27	.96	1.19	.99	1.92	.85	1.02	.51	3.26	14.87
1952	1.36	.45	1.13	.29	.70	.95	1.33	2.64	.53	T	1.10	.69	11.17
1953	.65	.33	.55	.87	1.24	.49	1.99	1.65	.45	.45	.60	.16	9.43
1954	.38	.14	.79	.70	.83	.16	1.22	1.36	1.67	1.34	1.42	1.01	11.02
1955	.43	.80	.91	.17	.78	.67	1.47	.94	.23	.43	1.58	.60	9.01
1956	1.24	1.02	.56	1.53	.14	.50	1.03	.90	.12	.41	.65	.92	9.02
1957	2.81	.73	.70	2.28	2.49	1.68	.87	1.67	.63	.72	.75	.83	16.16
1958	.40	.40	1.35	.53	.21	.34	.36	.48	.82	.44	.68	.46	6.47
1959	.58	.63	.78	1.28	1.73	1.48	.86	1.16	1.81	1.73	.17	.56	12.77
1960	.31	1.19	1.29	.68	1.14	.26	.56	.55	.65	.99	.65	.32	8.59
1961	.02	.97	1.54	1.86	1.03	.29	1.66	.43	4.68	.57	.60	.46	14.11
1962	.86	1.36	.31	.89	1.13	.35	.20	.60	.57	.71	.27	.49	7.74
1963	.68	.32	.96	.23	.05	1.91	.63	2.55	1.35	.78	.73	.60	10.79
1964	.29	.35	1.42	.69	.36	1.02	.85	2.38	.51	.05	1.33	.72	9.97
1965	.73	.56	1.21	.20	.34	.29	1.80	.76	3.15	T	1.40	.38	10.82
1966	.28	.37	.09	.22	.62	1.11	.19	.92	.26	1.00	.66	2.41	8.13
1967	.66	.57	.32	.08	1.13	1.50	.84	.31	1.11	.50	.51	.91	8.44
1968	.38	.77	.19	.80	.65	.01	.81	.90	.44	.69	.74	.51	6.89
1969	1.69	.29	.31	.75	.37	2.12	1.09	.47	.39	2.91	.60	1.26	12.25
1970	.34	.08	.50	1.31	.13	1.26	1.03	1.25	1.96	2.20	.44	.67	11.17

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							23.1	7.1	2.9	.2	1.8	.0	
51-52	T	.0	.0	1.7	3.1	47.7	18.6	7.6	16.9	T	T	.0	95.6
52-53	T	.0	.0	.0	9.3	9.6	10.1	7.0	6.2	4.3	2.1	.0	48.6
53-54	.0	.0	T	T	3.0	1.6	6.3	T	4.7	T	T	.0	15.6
54-55	.0	.0	.0	T	16.0	6.0	9.0	13.0	12.0	T	T	T	56.0
55-56	.0	.0	.0	T	14.6	5.0	18.0	19.4	7.4	2.0	T	.0	66.4
56-57	.0	.0	.0	T	8.0	11.0	45.0	1.0	8.5	16.4	T	.0	89.9
57-58	.0	.0	T	T	8.0	14.1	6.0	4.5	12.0	3.3	T	.0	47.9
58-59	.0	.0	T	T	6.0	3.3	8.5	5.4	3.8	8.1	.0	.0	35.1
59-60	.0	.0	4.0	T	1.2	6.5	3.4	11.2	9.2	1.6	1.0	.0	38.1
60-61	.0	.0	.0	3.0	4.9	2.5	.2	9.6	12.0	16.3	3.0	.0	51.5
61-62	.0	.0	5.0	1.7	7.0	5.6	11.9	15.7	3.1	6.4	.0	.0	56.4
62-63	.0	.0	.0	.5	1.2	4.9	5.3	1.2	8.2	1.1	.0	.0	22.4
63-64	.0	.0	.0	T	3.0	7.2	3.1	4.1	17.9	6.4	.9	.0	42.6
64-65	.0	.0	.0	.0	13.8	4.8	6.6	5.7	12.2	1.0	.1	.0	44.2
65-66	.0	.0	1.6	.0	8.5	1.9	2.8	3.8	.8	.6	T	.0	20.0
66-67	.0	.0	.0	6.8	5.9	22.6	6.1	6.1	1.5	.4	1.0	.0	50.4
67-68	.0	.0	.0	1.0	5.2	9.4	3.8	7.8	1.7	4.4	T	.0	33.3
68-69	.0	.0	.0	T	7.4	5.1	16.5	2.9	4.1	.1	.0	.0	36.1
69-70	.0	.0	.0	14.5	5.8	11.7	2.8	.8	5.7	8.8	.0	.0	50.1

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.4	39.9	46.7	57.1	70.6	75.5	88.5	82.7	77.9	60.9	44.4	32.6	59.3
1952	28.3	33.8	38.2	59.6	70.2	82.5	85.3	81.2	80.7	71.4	42.7	31.3	58.8
1953	40.1	39.3	50.3	54.6	64.4	82.8	87.5	81.8	80.3	66.6	51.0	36.2	61.2
1954	42.9	50.2	47.9	65.9	74.7	82.4	88.2	84.6	75.9	66.0	53.3	28.7	63.4
1955	28.9	32.4	42.4	57.5	68.9	76.9	88.1	85.4	79.9	66.3	42.1	39.1	59.0
1956	40.1	33.2	45.4	57.7	73.2	85.1	85.7	81.6	82.6	66.7	40.8	31.3	60.3
1957	31.0	41.6	46.2	53.2	63.1	76.6	84.0	81.8	75.5	61.8	42.0	37.3	57.8
1958	32.0	43.8	45.3	55.0	75.0	83.7	86.1	87.9	77.3	67.6	48.7	41.2	62.0
1959	36.7	38.8	46.5	57.5	68.6	83.1	86.6	82.0	72.7	60.6	49.1	39.9	60.2
1960	34.9	33.4	48.6	60.8	68.7	82.6	87.5	86.4	78.6	62.7	49.4	35.9	60.8
1961	37.2	42.8	47.3	54.3	65.8	83.3	85.7	84.4	65.0	62.5	43.4	33.1	59.2
1962	28.4	40.1	43.7	63.0	68.6	78.7	85.0	84.9	76.6	67.1	53.2	39.3	60.7
1963	27.2	45.8	48.5	59.3	74.7	79.7	89.5	80.8	79.9	70.8	51.1	35.6	61.9
1964	31.6	35.3	40.7	54.7	69.4	77.3	88.9	79.7	74.7	69.4	46.6	32.4	58.4
1965	35.9	40.0	40.9	57.6	66.6	77.0	84.2	80.4	66.9	69.8	49.3	36.6	58.8
1966	34.0	36.4	52.7	59.6	72.5	79.9	89.2	84.3	78.7	63.1	52.2	27.1	60.8
1967	34.0	37.5	52.8	59.0	66.0	74.2	85.0	82.5	75.3	65.0	50.3	29.7	59.3
1968	31.0	38.0	49.3	52.5	65.0	81.1	83.5	77.8	73.3	63.5	39.9	33.0	57.3
1969	38.2	36.9	44.7	62.1	75.3	74.0	86.3	87.5	77.0	51.0	44.7	38.2	59.7
1970	33.6	45.6	44.6	51.6	71.7	78.7	86.1	85.9	72.1	55.4	46.1	36.9	59.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.7	8.1	18.3	25.0	34.1	36.4	44.8	44.0	29.3	25.4	10.3	2.4	23.3
1952	- 2.5	- 3.3	6.8	25.5	32.9	38.7	42.7	43.4	33.0	17.5	8.5	- 4.6	19.9
1953	10.3	4.1	18.0	21.6	30.5	38.1	47.1	43.1	31.5	23.3	17.5	4.9	24.2
1954	9.6	12.7	16.7	25.2	33.5	37.4	48.4	42.0	37.9	27.5	15.1	- 7.8	24.9
1955	- 5.8	- 4.9	11.8	22.1	29.9	35.4	43.1	46.4	31.5	22.7	11.7	11.5	21.3
1956	13.3	- 3.0	12.1	27.0	33.9	38.5	43.5	41.0	32.0	22.9	4.7	- 5.7	21.7
1957	- .8	11.6	18.4	24.6	33.4	39.3	46.1	44.6	31.0	29.1	10.4	2.5	24.2
1958	- 6.7	15.2	19.4	23.2	33.1	38.6	42.0	44.4	35.4	23.0	11.6	13.0	24.4
1959	3.8	10.6	18.2	25.6	34.4	40.5	42.3	45.2	33.0	24.8	13.4	3.9	24.6
1960	4.4	5.7	22.3	25.7	20.3	38.4	43.5	41.7	38.3	26.1	15.0	1.6	24.4
1961	- 4.3	11.3	20.4	25.1	33.1	39.3	45.7	47.5	34.3	25.6	13.7	4.5	24.7
1962	- 3.1	14.4	14.8	27.5	33.4	37.4	41.8	39.7	33.9	26.2	17.9	4.1	24.0
1963	- 4.4	17.7	17.4	26.9	32.7	40.1	47.2	49.3	39.3	29.9	17.0	- .2	26.1
1964	- 4.0	- 4.7	6.4	26.5	31.1	39.5	48.2	43.9	34.1	23.4	14.9	6.0	22.1
1965	9.7	10.6	14.7	26.2	32.1	38.6	46.2	43.1	35.9	24.5	20.3	8.2	25.8
1966	.5	1.3	16.6	22.9	32.7	38.9	48.7	43.3	35.4	23.2	20.1	- 1.0	23.6
1967	3.5	7.7	22.5	26.6	31.9	40.2	48.8	44.9	38.4	25.7	16.1	3.9	25.9
1968	- 3.8	10.3	18.4	23.2	21.9	40.5	46.2	44.2	31.9	25.7	11.7	4.5	23.7
1969	12.1	6.6	14.9	28.5	36.2	41.2	49.7	43.1	38.4	26.2	12.7	9.7	27.1
1970	7.4	17.0	19.2	22.1	30.6	39.1	46.2	45.1	34.5	23.5	19.2	7.7	26.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	18.1	24.0	32.5	41.1	52.4	56.0	66.7	63.4	53.6	43.2	27.4	17.5	41.3
1952	12.9	15.3	22.5	42.6	51.6	60.6	64.0	62.3	56.9	44.5	25.6	13.4	39.4
1953	25.2	21.7	34.2	38.1	47.5	60.5	67.3	62.5	55.9	45.0	34.3	20.6	42.7
1954	26.3	31.5	32.3	45.6	54.1	59.9	68.3	63.3	56.9	46.8	34.2	10.5	44.1
1955	11.6	13.8	27.1	39.8	49.4	56.2	65.6	65.9	55.7	44.5	26.9	25.3	40.2
1956	26.7	15.1	28.8	42.4	53.6	61.8	64.6	61.3	57.3	44.8	22.8	12.8	41.0
1957	15.1	26.6	32.3	38.9	48.3	58.0	65.1	63.2	53.3	45.5	26.2	19.9	41.0
1958	12.7	29.5	32.4	39.1	54.1	61.2	64.1	66.2	56.4	45.3	30.2	27.1	43.2
1959	20.3	24.7	32.4	41.8	51.5	61.8	64.5	63.6	52.9	42.7	31.3	21.9	42.5
1960	19.7	19.6	35.5	43.3	49.5	60.5	65.5	64.1	58.5	44.4	32.2	18.8	42.6
1961	16.5	27.1	33.9	39.7	51.5	61.3	65.7	66.0	50.2	44.1	28.6	18.8	42.0
1962	12.7	27.3	29.3	45.3	51.0	58.1	63.4	62.3	55.3	46.7	35.6	21.7	42.4
1963	11.4	31.8	33.0	43.1	53.7	59.9	68.4	65.1	59.6	50.4	34.1	17.7	44.0
1964	13.8	15.3	23.6	40.6	50.3	58.4	68.6	61.8	54.4	46.4	30.8	19.2	40.3
1965	22.8	25.3	27.8	41.9	49.4	57.8	65.2	61.8	51.4	47.2	34.8	22.4	42.3
1966	17.3	18.9	34.7	41.3	52.6	59.4	69.0	63.8	57.1	43.2	36.2	13.1	42.2
1967	18.8	22.6	37.7	42.8	49.0	57.2	66.9	63.7	56.9	45.4	33.2	16.8	42.6
1968	13.6	24.2	33.9	37.9	48.5	60.8	64.9	61.0	52.6	44.6	25.8	18.8	40.6
1969	25.2	21.8	29.8	45.3	55.8	57.6	68.0	68.3	57.7	38.6	28.7	24.0	43.4
1970	20.5	31.3	31.9	36.9	51.2	58.9	66.2	65.5	53.3	39.5	32.7	22.3	42.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days or missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ESTES PARK

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN: NO OF DAYS			SIGN, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	38.9	17.1	28.1	61.	1961	9	-38.	1963	12	0.0	7.2	27.7	3.2	.57	.72	1951	29	6.0	17.	1952	1	1.2	.1	0.0
FEB	40.3	17.0	28.7	62.	1962	11	-39.	1951	1	0.0	5.6	25.3	2.9	.44	.58	1957	28	5.6	8.	1956	8	1.7	.1	0.0
MAR	45.5	18.6	31.0	65.	1969	31	-22.	1965	19	0.0	5.2	28.3	3.0	.82	1.07	1953	30		15.	1952	21	3.2	.2	0.0
APR	52.9	26.3	39.7	72.	1962	20	-13.	1970	4	0.0	.8	23.8	.4	1.22	2.88	1957	2	3.1	30.	1957	2	3.3	.4	.1
MAY	62.8	34.4	48.6	81.	1969	27	9.	1970	1	0.0	0.0	11.6	0.0	2.09	3.46	1969	7	.4	2.	1968	16	4.3	1.1	.3
JUN	72.1	43.8	56.5	92.	1954	23	24.	1954	3	.1	0.0	1.3	0.0	2.03	2.31	1963	16	0.0	0.	0	0	5.4	1.3	.2
JUL	78.5	45.9	62.2	85.	1954	11	33.	1951	1	0.0	0.0	0.0	0.0	2.21	1.49	1956	30	0.0	0.	0	0	6.5	.9	.2
AUG	76.5	44.7	60.6	89.	1969	8	30.	1968	30	0.0	0.0	.3	0.0	2.04	1.16	1961	16	0.0	0.	0	0	6.6	.8	.1
SEP	70.1	37.5	53.8	85.	1960	4	14.	1959	30	0.0	0.0	8.2	0.0	1.22	1.22	1954	24	.4	0.	0	0	3.4	.7	.1
OCT	60.4	30.1	45.2	75.	1964	1	-9.	1969	13	0.0	.2	19.2	0.0	.72	1.06	1951	5	.5	6.	1951	21	1.9	.2	0.0
NOV	47.2	22.6	34.9	72.	1963	14	-18.	1952	28	0.0	2.4	24.3	1.5	.50	.57	1955	12	3.3	8.	1958	27	1.6	.1	0.0
DEC	41.2	18.7	29.5	64.	1962	17	-22.	1958	30	0.0	6.5	27.2	2.8	.54	1.09	1951	30	8.2	18.	1952	30	1.8	.1	0.0
ANNUAL	56.9	29.5	43.2							0.	28.	197.	14.	14.2								41.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.04	.09	.29	.14	.46	.59	.70	.51	.12	.06	.12	0.00	9.11
.10	.07	.13	.36	.23	.65	.78	.91	.70	.21	.10	.17	.07	10.66
.20	.12	.19	.48	.40	.96	1.07	1.22	1.00	.38	.20	.24	.16	11.30
.30	.17	.25	.57	.57	1.29	1.32	1.48	1.26	.55	.30	.30	.24	12.00
.40	.23	.31	.66	.75	1.52	1.57	1.74	1.53	.74	.41	.43	.33	12.65
.50	.29	.37	.76	.96	1.75	1.83	2.01	1.80	.94	.53	.53	.43	13.30
.60	.37	.45	.85	1.20	2.02	2.11	2.30	2.07	1.19	.69	.69	.53	14.02
.70	.46	.53	.98	1.50	2.35	2.44	2.64	2.47	1.49	.88	.88	.67	14.79
.80	.58	.65	1.13	1.90	2.67	2.78	2.98	2.85	1.91	1.15	.72	.85	15.69
.90	.79	.84	1.37	1.57	3.41	3.56	3.77	3.70	2.61	1.59	.91	1.15	16.74
.95	.99	1.02	1.59	3.23	4.70	4.19	4.40	4.41	3.30	2.04	1.08	1.45	18.27
ALPHA	1.44	2.16	4.10	1.45	2.40	3.20	3.60	2.72	1.36	1.19	2.62	1.52	17.34
BETA	.26	.20	.20	.65	.87	.63	.61	.75	.90	.61	.19	.37	.82
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

ESTES PARK

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.05	.57	.45	.94	3.15	2.12	2.04	3.44	.72	1.69	.16	2.63	18.96
1952	.11	.06	1.07	2.09	1.54	1.65	.98	.66	.20	.08	1.04	.22	9.70
1953	.29	.43	1.20	1.65	2.13	.64	3.09	2.08	.58	.36	.65	.29	13.39
1954	.16	.06	.82	.34	.85	.46	2.33	1.22	2.31	.54	.41	.39	9.89
1955	.24	.31	.68	.02	2.26	2.11	2.01	3.43	.40	.21	1.49	.55	13.71
1956	.38	.70	.38	1.01	2.03	1.76	3.73	1.76	.02	.06	.64	.31	12.78
1957	.62	.94	.55	4.68	4.29	1.30	1.93	1.55	.99	1.23	.19	.06	18.33
1958	.29	.05	1.37	1.81	3.25	1.30	.44	2.57	.74	.55	.83	.80	14.00
1959	.35	.40	1.12	1.23	2.89	1.74	1.85	.91	2.58	1.42	.20	T	14.69
1960	.29	.55	.97	.64	2.18	.93	1.71	.34	.80	1.07	.24	1.05	10.77
1961	.19	.50	1.56	1.04	2.51	3.02	4.24	3.17	4.07	.27	.43	.39	21.39
1962	1.20	.81	.48	1.22	1.27	2.42	1.38	.91	.58	.43	.43	.26	11.49
1963	.57	.38	.64	.10	.26	4.70	1.12	5.70	1.48	.34	.14	.49	15.92
1964	.10	.48	.63	1.41	1.43	1.03	3.25	1.40	.89	.05	.33	.85	11.85
1965	.47	.40	1.16	1.36	1.68	3.29	3.67	.74	1.84	.30	.25	.40	15.56
1966	.04	.85	.27	1.14	1.13	1.00	3.14	1.68	.79	.43	.28	.37	11.12
1967	.37	.44	.80	1.03	2.24	2.38	3.20	3.04	1.80	.80	.69	.58	17.77
1968	.02	.29	.52	.65	1.16	1.60	1.72	1.78	.62	.53	.67	.12	9.68
1969	.50	.27	.27	1.46	5.37	4.70	.62	2.54	.50	3.11	.28	.49	26.11
1970	.15	.28	1.53	.67	.28	2.51	1.70	1.96	2.56	.99	.57	.10	13.30

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52	.0	.0	1.0	6.5	1.2	39.1	1.5	.6	16.8	2.0			
52-53													
53-54										2.5	.0	.0	
54-55	.0	.0	.0		5.0	3.5	5.0	4.0	5.5	.0	.0	.0	
55-56	.0	.0	.0	.0						.0	.0	.0	
56-57	.0	.0	.0	.0						.0	.0	.0	
57-58	.0	.0	.0	.0		2.5				.0	.0	T	
58-59	.0	.0	.0							.5	.5	.0	
59-60	.0	.0	4.3		2.5	.0	6.0			.0	.0	.0	
60-61	.0	.0	.0							7.0	5.8	.0	
61-62	.0	.0			4.0	9.5		14.0		6.0	.0	.0	
62-63	.0	.0	.0	.0	6.0	3.0	10.6	5.0		1.0	.0	.0	
63-64	.0	.0	.0	.0		9.8		7.0		.0	.0	.0	
64-65	.0	.0	.0	.0	5.0	6.3	9.3			5.0	.0	.0	
65-66	.0	.0	2.0	.0	.0						.0	.0	
66-67	.0	.0	.0	.0	3.0					8.0	.0	.0	
67-68	.0	.0	.0	.0			9.8	3.0			.0	.0	
68-69	.0	.0	.0	.0			T		4.5		.0	.0	
69-70	.0	.0	.0								.0	.0	

ESTES PARK

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	33.2	41.9	41.7	50.2	61.9	66.4	79.6	75.9	70.3	56.7	44.6	34.6	54.8
1952	36.6	39.6	38.2	52.9	61.8	77.2	79.1	77.2	73.7	65.4	42.4	39.3	57.0
1953	44.1	39.5	48.8	48.9	57.5	74.8	78.8	75.2M	73.5	62.0	49.3M	37.9	57.5*
1954	44.0	50.6	41.7	61.8	63.1	75.9	81.5	77.4	72.0	60.6	52.2	42.1	60.2
1955	36.7	34.7	42.3	55.9	63.5	67.7	79.0	76.8	71.4	62.3	43.4	40.9	56.2
1956	41.9	34.2	46.3	53.1	65.4	78.3	76.3	73.5	74.6	62.7	43.8	42.6	57.7
1957	34.1	44.3	46.4	47.9	58.0	71.0	77.8	77.0	67.5	56.8	39.8	42.8	55.3
1958	40.4	45.4	38.0	48.0	66.8	74.5	77.9	77.4	72.8	62.4	50.4	43.8	58.2
1959	39.3	39.0	42.7	50.2	61.1	75.8	77.4	77.9	67.5	56.2	48.0	47.0	56.8
1960	36.8	31.2	45.8	56.1	63.7	75.8	78.3	79.3	72.2	58.5	49.2	40.1	57.3
1961	44.2	43.2	44.8	51.4	62.2	72.5	75.6	75.9	62.4	59.6	44.1	33.7	55.8
1962	37.5	45.2	42.2	58.0	64.4	70.4	76.6	79.0	70.8	64.1	51.1	43.9	58.2
1963	33.5	43.3	44.7	55.0	66.9	73.3	81.4	73.9	74.2	65.5	53.0	40.4	58.8
1964	36.2	35.0	39.2	50.7	63.5	69.5	80.6	76.0	70.7	63.2	46.0	37.6	55.7
1965	40.8	39.9	36.0	53.8	60.0	68.6	76.9	74.6	62.4	65.1	49.9	44.1	56.0
1966	37.4	36.1	51.4	53.7	66.9	72.7M	80.9	75.6	70.4	60.4	51.2	40.3	58.1*
1967	38.6	39.4	50.4	56.1	58.6	66.7	76.7	74.0	68.0	62.0	48.4	34.8	56.2
1968	42.8	42.7	47.5	49.2	59.1	74.6	76.9	73.3	68.6	62.4	44.0	37.5	56.6
1969	41.6	41.1	40.7	58.1	66.0	65.7	80.6	79.8	71.3	49.2	47.4	40.6	56.8
1970	37.0	45.2	40.3	47.5	66.3	71.4	78.5	78.9	67.5	52.6	45.0	39.8	55.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.4	16.6	19.3	26.4	35.7	37.4	46.8	44.1	36.9	29.8	20.1	19.1	29.1
1952	18.7	18.3	16.4	25.4	33.6	42.5	43.4	44.8	35.7	24.8	14.3	18.3	28.0
1953	26.4	16.0	23.2	22.6	31.2	41.4	45.0	43.1M	36.3	25.8	24.2M	15.2	29.2*
1954	21.5	25.2	15.2	31.2	34.7	40.8	49.5	44.4	40.0	32.9	24.5	19.9	31.7
1955	13.4	9.9	18.2	25.5	33.2	38.6	45.5	47.6	37.2	30.7	21.0	21.5	28.5
1956	16.5	7.8	17.0	25.6	37.9	42.4	44.8	43.3	36.1	29.7	20.0	21.7	28.6
1957	14.3	24.2	19.3	23.2	33.7	41.3	48.8	45.9	33.8	31.8	17.8	24.5	29.9
1958	13.7	23.4	13.2	25.6	37.2	42.1	44.5	46.1	38.3	28.5	25.7	22.7	30.1
1959	18.0	18.2	22.8	27.1	36.5	42.7	42.8	44.9	37.4	30.4	23.7	19.0	30.3
1960	15.7	10.9	21.6	30.2	33.2	42.6	43.8	43.5	40.0	30.8	25.9	16.0M	29.5*
1961	18.2	18.1	21.8	26.7	36.7	40.2	45.0	46.5	36.5	29.6	18.3	15.6	29.4
1962	7.4	13.4	18.9	27.4	35.7	39.6	42.5	41.8	37.7	32.3	25.1	18.7	28.9
1963	9.0	22.2	20.4	27.8	34.1	40.4	47.2	47.8	41.2	32.8	26.3	16.3	30.6
1964	13.3	12.4	16.0	25.8	32.2	40.2	46.9	44.5	36.0	27.9	22.3	16.6	27.8
1965	20.8	16.7	8.5	29.8	34.0	41.6	47.2	41.5	36.2	30.1	26.5	20.8	29.5
1966	17.1	9.6	22.2	24.2	33.9	41.0M	49.0	43.2	39.4	30.8	27.1	17.0	29.5*
1967	20.7	18.2	26.5	25.3	33.0	39.9	46.1	42.6	38.7	35.3	21.5	11.7	30.0
1968	19.8	17.1	21.5	25.8	32.7	41.4	45.9	44.8	35.8	34.8	19.8	18.8	29.9
1969	22.6	17.5	11.9	28.0	35.3	40.8	46.5	46.8	40.0	26.5	22.6	16.9	29.6
1970	19.2	19.0	17.4	23.3	33.2	40.1	46.3	46.3	36.1	26.1	25.0	21.5	29.5

ESTES PARK

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.8	29.3	30.5	38.3	48.8	51.9	63.2	60.0	53.6	43.3	32.4	26.9	41.9
1952	27.7	29.0	27.3	39.2	47.7	59.9	61.3	61.3	54.7	45.1	28.4	28.8	42.5
1953	35.3	27.8	36.0	35.8	44.4	58.1	61.9	59.2M	54.9	43.9	36.8M	26.6	43.4*
1954	32.8	37.9	28.5	46.5	48.9	58.4	65.5	60.9	56.0	46.8	38.4	31.0	46.0
1955	25.1	22.3	30.3	40.7	46.4	53.2	62.3	62.2	54.3	46.5	32.2	31.2	42.4
1956	29.2	21.0	31.7	39.4	51.7	60.4	60.6	58.4	55.4	46.2	31.9	32.2	43.2
1957	24.2	34.3	32.9	35.6	45.9	56.2	63.3	61.5	50.7	44.3	28.8	33.7	42.6
1958	27.1	34.4	25.6	36.8	52.0	58.3	61.2	61.8	55.6	45.5	38.1	33.3	44.1
1959	28.7	28.6	32.8	38.7	48.8	59.3	60.1	61.4	52.5	43.3	35.9	33.0	43.6
1960	26.3	21.1	33.7	43.2	48.5	59.2	61.1	61.4	56.1	44.7	37.6	28.1M	43.4*
1961	31.2	30.7	33.3	39.1	49.5	56.4	60.3	61.2	49.5	44.6	31.2	24.7	42.6
1962	22.5	29.8	30.6	42.7	50.1	55.0	59.6	60.4	54.3	48.2	38.1	31.3	43.6
1963	21.3	32.8	32.6	41.4	50.5	56.9	64.3	60.9	57.7	45.2	39.7	29.4	44.7
1964	24.8	23.7	27.6	38.3	47.9	54.9	63.8	60.3	53.4	45.6	34.2	27.1	41.8
1965	30.8	28.3	22.3	41.8	47.0	55.1	62.1	58.1	49.3	47.6	38.2	32.5	42.8
1966	27.3	22.9	36.8	39.0	50.4	56.9M	65.0	59.4	54.9	45.6	39.2	28.7	43.8*
1967	30.2	28.8	38.5	40.7	45.8	53.3	61.4	58.3	53.4	48.7	35.0	23.3	43.1
1968	31.3	29.9	34.5	37.5	45.9	58.0	61.4	59.1	52.2	48.6	31.5	28.2	43.2
1969	32.1	29.3	26.3	43.1	50.7	53.3	63.6	63.3	55.7	37.9	35.0	28.8	43.3
1970	28.1	32.1	28.9	35.4	49.8	55.8	62.4	62.6	51.8	39.4	35.0	30.7	42.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FLAGLER 2NW

05 2932 3

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES						MEAN NO OF DAYS		GREATEST				SNOW, SLEET				MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	42.7	12.2	27.5	70.	1970	27	-26.	1963	12	0.0	6.6	30.7	5.8	.25	.45	1965	23	4.7	14.	1960	20	1.1	0.0	0.0
FEB	45.6	16.0	30.8	78.	1962	11	-20.	1960	28	0.0	3.8	27.5	2.1	.35	.62	1951	20	3.5	6.	1965	15	.9	0.0	0.0
MAR	50.8	20.5	35.7	84.	1963	28	-20.	1960	3	0.0	3.3	28.6	1.3	.67	.90	1959	26	6.1	8.	1964	8	2.1	.2	0.0
APR	64.0	31.5	47.8	87.	1965	22	8.	1968	4	0.0	.3	15.6	0.0	.97	1.07	1953	24	3.4	5.	1964	5	2.3	.3	0.0
MAY	74.2	41.5	57.9	95.	1967	24	21.	1967	1	1.5	0.0	3.6	0.0	2.40	1.80	1969	7	.6	4.	1961	14	5.1	1.2	.5
JUN	82.9	51.0	67.0	103.	1963	29	32.	1969	2	8.0	0.0	.1	0.0	2.61	2.72	1965	17	0.0	0.	0	0	4.6	1.5	.8
JUL	89.0	57.5	73.2	104.	1969	3	42.	1959	1	15.9	0.0	0.0	0.0	3.59	3.37	1961	8	0.0	0.	0	0	6.3	2.2	.9
AUG	87.2	55.2	71.2	103.	1969	12	35.	1964	30	12.1	0.0	0.0	0.0	2.29	3.45	1954	13	0.0	0.	0	0	4.4	1.4	.5
SEP	78.1	46.0	62.1	98.	1964	9	27.	1970	26	3.0	0.0	1.3	0.0	1.16	3.65	1963	21	.3	0.	0	0	2.6	.6	.1
OCT	67.6	34.3	51.0	90.	1967	3	12.	1959	31	.2	.3	12.0	0.0	.84	1.41	1960	19	2.7	10.	1969	30	2.2	.5	.1
NOV	54.2	22.7	38.5	81.	1967	14	-4.	1959	14	0.0	1.6	27.7	.3	.44	.72	1953	20	2.8	6.	1961	13	1.3	0.0	0.0
DEC	44.5	15.1	29.8	76.	1964	23	-22.	1961	12	0.0	5.2	30.2	2.2	.32	.95	1953	3	3.5	7.	1953	3	.9	0.0	0.0
ANNUAL	64.9	33.4	49.2							41.	21.	177.	12.	15.7				28.				34.	8.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0.00	0.00	0.00	.14	0.00	1.04	.29	.88	.76	.11	.03	.02	.02	10.09
.05	.02	0.00	.20	.09	1.26	.49	1.20	.98	.20	.08	.05	.04	11.14
.10	.05	.04	.30	.23	1.56	.86	1.69	1.29	.35	.17	.10	.08	12.50
.20	.09	.11	.39	.38	1.81	1.22	2.13	1.56	.52	.28	.16	.12	13.55
.30	.13	.17	.48	.54	2.04	1.61	2.45	1.83	.69	.41	.23	.17	14.49
.40	.18	.24	.57	.72	2.27	2.05	3.00	2.09	.89	.56	.31	.23	15.41
.50	.24	.33	.69	.93	2.52	2.56	3.50	2.39	1.12	.76	.41	.30	16.37
.60	.31	.44	.82	1.20	2.77	3.19	4.09	2.73	1.42	1.01	.53	.38	17.43
.70	.41	.59	.99	1.57	3.17	3.72	4.86	3.17	1.82	1.37	.71	.50	18.74
.80	.58	.83	1.28	2.19	3.72	4.48	6.08	3.86	2.44	1.99	1.02	.71	20.65
.90	.75	1.07	1.54	2.80	4.22	6.87	7.22	4.49	3.15	2.61	1.33	.91	22.33
ALPHA	1.11	1.27	2.22	1.24	5.96	1.46	2.85	3.83	1.34	.92	1.00	1.10	17.61
BETA	.24	.32	.30	.82	4.40	1.79	1.19	.60	.87	.92	.44	.29	8.89
C	.05	.15	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 C= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.32	.42	.18	1.37	4.39	6.49	7.24	1.13	1.12	.92	.92	.18	25.08
1952	.10	.69	.76	2.20	2.66	.24	1.24	3.34	1.49	.11	1.06	.40	14.29
1953	.14	.70	.16	2.27	2.93	1.67	2.78	2.60	.12	.80	.77	1.00	15.94
1954	.17	T	.47	.02	1.52	.41	2.72	5.25	.23	1.12	.01	.29	12.21
1955	.13	.55	.55	.82	2.50	2.43	.69	1.44	.65	.05	.18	.06	10.05
1956	.08	.13	.42	.30	.94	.68	4.53	2.17	.20	.48	1.07	.52	11.52
1957	.12	T	1.38	2.81	3.63	2.51	3.88	2.42	.66	.75	.28	.24	18.68
1958	.33	.47	.98	1.32	2.20	5.16	3.82	1.16	1.57	.79	.28	.22	18.30
1959	.39	.17	1.35	.27	2.53	3.79	.60	3.36	1.19	1.44	.08	.49	15.66
1960	.84	1.06	.80	.94	2.75	1.40	3.55	1.80	.38	2.18	.26	1.15	17.11
1961	.04	.33	1.18	.53	2.98	1.93	5.68	2.37	1.91	.13	.76	.32	18.16
1962	.57	.15	.94	.11	2.14	3.38	5.17	2.16	.49	.38	.47	.07	16.03
1963	.47	.08	.88	.17	1.09	3.99	5.49	1.79	4.94	.70	.37	.10	20.07
1964	.05	.86	1.19	1.12	2.24	.96	1.24	.64	1.14	.01	.45	.02	9.92
1965	.65	.56	.47	T	1.58	8.82	1.92	2.94	1.85	.45	.01	.21	19.46
1966	.29	.16	.31	1.36	.89	.86	4.43	.64	1.84	.25	.02	.06	11.11
1967	.31	.02	.06	.44	4.12	3.36	2.36	1.98	2.36	.51	.35	.27	16.14
1968	.02	.13	.46	1.27	1.97	.57	4.99	2.21	.30	.20	.37	.49	12.58
1969	.01	.07	.63	1.35	2.91	.94	2.34	4.76	.24	4.03	.28	.21	17.77
1970	T	T	.28	.80	2.12	2.64	3.11	1.64	.57	1.59	.88	.01	13.64

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.9	7.5	1.8	6.4	.0	.0	
51-52	.0	.0	2.0	.6	10.0	2.0	1.5				T	.0	
52-53	.0	.0	.0	T					.9	3.8	T	T	
53-54	.0	.0	.0	.0				T		.1	5.0	.0	
54-55	.0	.0	.0	.0	.1	4.0	1.5	5.8			.0	.0	
55-56	.0	.0	.0	T	2.2	1.0	3.0	2.5			.0	.0	
56-57	.0	.0	.0	3.0				T		5.8	1.3	.0	
57-58	.0	.0	.0	T	1.5	3.0	4.0	4.7		4.5	.0	.0	
58-59	.0	.0	.0	1.0			8.8	1.5	9.8	4.0	T	.0	
59-60	.0	.0	5.0	11.0	T	6.0	16.5	13.3		4.0	T	.0	
60-61	.0	.0	.0	4.5	3.0	14.0				5.0	5.0	.0	
61-62	.0	.0	.0	T			12.5			T	.0	.0	
62-63	.0	.0	T	.0	5.5	1.0		1.0		T	.0	.0	
63-64	.0	.0	.0	.0	3.5		.8	10.1	15.5	11.5		.0	
64-65	.0	.0	.0	.0	2.8	T	8.0		7.0	.0	.0	.0	
65-66	.0	.0	.0	.0	.5	3.8	4.3	2.0	4.8		.0	.0	
66-67	.0	.0	.0	3.0	T	1.0	4.0	.3	.7		T	.0	9.0
67-68	.0	.0	.0	.0	3.0	5.4	2.0	2.5	5.3	6.0		.0	
68-69	.0	.0	.0	T	T	6.1	.3	.8	9.3	.0	.0	.0	16.5
69-70	.0	.0	.0	24.0	2.5	2.2	T	T		3.5	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958											54.4	45.9	
1959	43.5	41.5	51.6	60.2	70.4	86.5	89.8	88.8M	76.3	61.6	52.1	48.6	64.2*
1960	37.2	31.8	45.8	65.6	72.1	83.6	87.0	90.1	81.3	67.3	55.1	39.9	63.1
1961	43.8	48.8	51.2	59.2	70.1	82.8	86.7	85.9	72.8	69.3	49.1	38.6	63.2
1962	35.1	48.8	50.5	67.1	75.4	80.0	86.0	89.5	78.5	70.9	56.2	48.9	65.9
1963	34.6	52.0	52.5	68.0	77.6	87.2	91.1	86.1	82.3	74.9	57.9	41.9	67.2
1964	46.7	40.3	47.6	61.7	75.4	82.3	93.2	88.8	80.6	70.3	52.4	46.6	65.5
1965	49.7	43.8	41.4	67.8	77.3	77.8	88.9	83.8	68.8	71.3	59.4	48.4	64.9
1966	38.4	39.5	58.7	61.3	78.7	86.1	92.4	85.6	78.6	68.5	57.0	43.8	65.7
1967	47.9	51.0	61.9	68.8	69.5	78.6	85.8	84.7	77.3	71.0	55.2	39.1	65.9
1968	44.3	48.1	57.8	61.5	68.3	87.8	86.4M	83.8	81.9	72.5	50.8	42.0	65.4*
1969	47.1	47.8	44.5	67.7	74.3	80.1	92.1	89.0	80.1	52.7	51.9	44.2	64.3
1970	44.2	54.3	46.4	59.4	77.0	81.9	88.1	89.8	79.2	61.5	53.5	50.0	65.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959	13.3	17.9	20.6	28.4	41.5	52.6	54.7	58.3	45.0	31.5	23.2	17.9	33.5
1960	11.1	8.5	20.1	36.0	40.2	53.4	55.2	55.2M	47.8	38.0	23.1	14.9	33.6*
1961	13.7	19.7	26.1	29.3	40.7	49.2	55.8	56.1	41.4	31.5	18.2	10.6	32.7
1962	5.9	18.6	19.3	32.9	42.3	50.5	56.2	54.5	46.7	36.1	25.7	17.1	33.8
1963	.9	19.6	23.5	31.8	44.5	52.0	58.8	56.8	51.2	39.6	24.9	12.1	34.6
1964	15.0	13.7	18.3	32.8	42.5	50.0	57.9	51.9	47.2	34.1	21.1	15.8	33.4
1965	18.3	12.5	13.5	33.6	42.7	51.0	58.1	53.3	41.6	37.4	25.9	17.9	33.8
1966	6.3	12.9	24.0	29.4	41.1	51.1	59.8	52.8	46.4	31.6	23.9	12.9	32.7
1967	16.4	16.7	24.4	33.3	39.0	50.0	56.9	52.6	46.4	34.5	20.1	11.3	33.5
1968	13.9	15.4	21.3	26.5	36.1	52.6	58.7M	53.2	43.5	35.4	22.4	12.8	32.6*
1969	17.2	19.6	16.4	36.1	45.2	49.0	59.8	59.1	51.6	32.2	23.9	20.5	35.9
1970	14.4	16.8	18.5	27.9	42.6	51.1	57.8	58.2	43.2	30.3	23.7	14.3	33.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958											38.8	31.9	
1959	28.4	29.7	36.1	44.3	56.0	69.6	72.3	73.6M	60.7	46.6	35.4	33.8	48.9*
1960	24.2	20.2	33.0	50.8	56.2	68.5	71.1	72.7M	64.6	52.7	39.1	27.4	46.4*
1961	28.8	34.3	38.7	44.3	55.4	66.0	71.3	71.0	57.1	50.4	33.7	24.6	48.0
1962	20.5	33.7	34.9	50.0	60.9	65.3	71.1	72.0	62.6	53.5	41.0	33.0	49.9
1963	17.8	35.8	38.0	49.9	61.1	69.6	75.0	71.5	66.8	57.3	41.4	27.0	50.9
1964	30.9	27.0	33.0	47.3	56.0	66.2	75.6	70.4	63.9	52.2	36.8	31.2	49.5
1965	34.0	28.2	27.5	50.7	60.0	64.4	73.5	68.6	55.2	54.4	42.7	33.2	49.4
1966	22.4	26.2	41.4	45.4	59.9	68.6	76.1	69.2	62.5	50.1	40.5	28.4	49.2
1967	32.2	33.9	43.2	51.1	54.3	64.3	71.4	68.7	61.9	52.8	37.7	25.2	49.7
1968	29.1	31.8	39.6	44.0	52.2	70.2	72.6M	68.5	62.7	54.0	36.6	27.3	49.1*
1969	32.2	33.7	30.5	51.9	59.8	64.6	76.0	74.1	65.9	42.5	37.9	32.4	50.1
1970	29.3	35.6	32.5	43.7	59.8	66.5	73.0	74.0	61.2	45.9	38.6	32.2	49.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FLEMING 1S

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)													
	MEAS			EXTREMES				MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN														.58	.52	1960	17	5.9	14.	1960	18	1.2	.1	0.0
FEB														.48	.54	1964	14	6.6	12.	1960	4	1.7	.1	0.0
MAR														.92	.90	1959	25	10.8	12.	1958	10	3.2	.2	0.0
APR														1.54	1.59	1966	12	6.2	10.	1957	3	3.7	.7	.2
MAY														3.65	2.08	1969	5	1.0	6.	1954	1	6.9	2.5	1.1
JUN														3.57	2.88	1966	8	0.0	0.	0	0	6.8	2.4	.9
JUL														2.76	1.94	1963	27	0.0	0.	0	0	6.1	1.7	.5
AUG														1.68	2.06	1968	29	0.0	0.	0	0	3.8	.6	.3
SEP														.95	.83	1966	2	.1	0.	0	0	2.7	.5	0.0
OCT														1.01	1.07	1963	21	3.3	17.	1969	12	2.3	.7	.2
NOV														.60	1.17	1952	17	6.7	13.	1956	3	1.7	.2	0.0
DEC														.45	.56	1958	4	5.8	10.	1952	1	1.6	.1	0.0
ANNUAL														18.0				46.				42.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.22	.36	1.05	.81	1.78	.22	.05	.18	.05	.12	11.83
.10	.06	0.00	.30	.50	1.60	1.14	1.04	.36	.10	.26	.08	.16	12.99
.20	.13	.11	.44	.72	2.32	1.66	1.44	.60	.21	.41	.16	.22	14.44
.30	.18	.14	.56	.93	3.04	2.13	1.78	.83	.33	.55	.25	.28	15.64
.40	.24	.24	.68	1.13	3.76	2.60	2.17	1.08	.44	.69	.34	.34	16.68
.50	.31	.37	.81	1.34	4.48	3.10	2.47	1.35	.55	.85	.44	.40	17.68
.60	.38	.47	.93	1.58	5.20	3.66	2.86	1.67	.69	1.02	.57	.46	18.73
.70	.47	.61	1.12	1.86	5.92	4.13	3.33	2.06	.85	1.23	.73	.54	19.90
.80	.60	.79	1.35	2.24	6.64	4.61	3.83	2.44	1.14	1.52	.96	.64	21.12
.90	.79	1.09	1.70	2.83	7.36	5.09	4.36	2.88	1.52	1.98	1.33	.80	22.40
.95	.98	1.38	2.04	3.39	8.08	5.57	4.74	3.27	1.90	2.41	1.70	.96	23.82
ALPHA	1.73	1.43	2.54	2.53	3.21	2.47	3.12	1.62	.98	1.97	1.18	2.87	19.32
BETA	.73	.38	.36	.61	1.14	1.45	.89	1.04	.96	.51	.51	.16	.93
Q	.05	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.40	.23	.38	1.91	2.11	4.65	1.52	1.39	2.23	1.74	.28	.65	17.49
1952	.28	1.26	1.35	1.74	6.84	.69	2.21	2.81	1.07	.20	1.64	.47	20.56
1953	.38	.67	.65	3.64	.88	2.37	2.60	3.54	.29	1.10	1.84	.68	18.64
1954	.17	.00	1.23	.96	1.60	.93	1.44	.17	.38	.51	.11	.41	7.91
1955	.43	.97	.46	1.11	4.17	4.47	.80	1.38	1.33	4.30	1.11	.32	16.85
1956	.84	.36	.67	.49	2.31	4.29	2.21	2.94	.08	.47	2.24	.66	17.56
1957	.24	.07	1.21	2.11	5.62	2.85	2.74	.89	.29	1.16	.43	.36	17.97
1958	.28	.56	1.72	2.72	2.56	4.27	5.11	1.05	.83	.39	.27	.96	20.78
1959	.67	.34	1.71	1.07	4.88	2.22	.55	1.83	1.12	1.42	.07	.16	16.04
1960	1.10	2.04	.69	1.59	4.72	5.30	2.84	.69	.72	1.35	.36	.72	22.12
1961	.03	.36	2.61	1.46	4.60	.80	5.67	.76	1.90	.42	.73	.18	19.52
1962	.47	.34	.98	.33	6.49	5.59	4.18	.52	.10	.94	.40	.40	20.74
1963	.23	.34	.67	.71	3.95	2.12	4.64	4.36	1.81	1.37	.38	.28	21.46
1964	T	.95	1.10	3.28	2.39	3.00	2.38	.60	.18	.36	.09	.14	14.47
1965	.56	.41	.42	.36	4.54	6.49	3.75	.76	2.91	2.05	.08	.53	22.86
1966	.40	.29	.32	2.64	.62	5.14	5.48	2.60	2.14	.82	.48	.15	21.08
1967	.25	.03	.37	1.07	4.78	9.44	1.07	1.04	.57	.46	.60	1.12	20.80
1968	.07	.26	.50	1.22	4.06	1.06	2.16	4.51	.08	.50	.15	.37	14.94
1969	.10	.18	.17	.52	4.30	2.91	2.11	1.57	.03	3.95	.20	.26	16.30
1970	.12	.00	1.28	1.76	1.54	2.73	1.81	.22	.85	.73	.56	.16	11.79

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.5	4.0	6.0	5.0	.0	.0	
51-52	.0	.0	.0	1.0		8.5	2.0	14.0	16.5	2.0	T	.0	
52-53	.0	.0	.0		19.5	6.0	7.5	11.0	2.0	13.0	T	T	
53-54	T	.0	.0	.0	22.5	9.0	3.0	.0		2.0	9.0	.0	
54-55	.0	.0	.0	T	2.0	5.0	7.0	17.0	7.5	2.0	.0	.0	40.5
55-56	.0	.0	.0	2.0	5.0	4.5	8.0	4.5	9.0	5.0	.0	.0	38.0
56-57	.0	.0	.0	T	25.0	9.5	4.5	.5	13.5	17.5	T	.0	74.5
57-58	.0	.0	.0	1.0	6.5	2.0	3.0	9.5	27.0	21.0	.0	.0	70.0
58-59	.0	.0	.0	T	5.0	13.5	13.5	4.0	18.0	8.0	.0	.0	62.0
59-60	.0	.0	3.0	11.0	1.5	2.0	17.5	23.5	11.0	1.0	T	.0	70.5
60-61	.0	.0	.0		4.0	7.0	.5	5.0	19.5	14.0	6.0	.0	
61-62	.0	.0	T	.0	6.0	3.5	6.0	5.5	9.0	.0	.0	.0	30.0
62-63	.0	.0	.0	.0	5.0	4.5	12.5	4.5	6.5	1.5	.0	.0	34.5
63-64	.0	.0	.0	.0	3.0	5.5	T	13.5	14.0	14.0	T	.0	50.0
64-65	.0	.0	.0	T	1.5	T	8.0	9.0	7.0	.0	.0	.0	25.5
65-66	.0	.0	.0	.0	1.5	6.0	10.0	4.0	3.0	3.0	T	.0	27.5
66-67	.0	.0	.0	5.5	7.0	2.0	4.0	.5	3.5	7.0	5.5	.0	35.0
67-68	.0	.0	.0	.0	5.0	16.0	.0	1.0		8.0	T	.0	
68-69	.0	.0	.0	.0	2.0	6.0	2.0	1.0	3.0	.0	.0	.0	14.0
69-70	.0	.0	.0	34.0	1.0	3.5	2.0	.0	18.0	T	.0	.0	58.5

CLIMATOLOGY REPORT NO. 77-1

FORDER

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS				SIGN. SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	45.3	9.8	27.6	73.	1970	27	-29.	1962	11	0.0	4.8	30.9	6.1	.25	1.09	1960	14	4.8	11.	1960	20	.8	.1	.1
FEB	49.2	16.0	32.6	79.	1962	11	-20.	1962	28	0.0	2.3	27.2	1.6	.27	.84	1960	14	5.0	11.	1960	29	1.0	.1	0.0
MAR	53.5	20.7	37.1	83.	1967	29	-21.	1960	3	0.0	1.9	28.8	1.2	.51	.68	1952	21	6.7	14.	1960	2	1.9	.1	0.0
APR	66.1	31.4	48.8	88.	1965	22	3.	1959	10	0.0	.1	15.8	0.0	.92	1.27	1959	9	3.7	11.	1959	9	1.8	.3	.1
MAY	77.2	43.0	60.1	99.	1966	22	21.	1967	1	3.2	0.0	2.4	0.0	1.70	1.47	1954	23	.1	0.	0	0	4.0	1.1	.4
JUN	86.6	51.9	69.3	105.	1960	28	34.	1970	6	12.4	0.0	0.0	0.0	1.48	1.77	1961	2	.1	0.	0	0	3.5	1.1	.1
JUL	91.7	58.1	74.9	105.	1964	19	46.	1961	12	19.8	0.0	0.0	0.0	2.49	2.51	1957	25	0.0	0.	0	0	4.8	1.5	.9
AUG	88.8	55.5	72.2	105.	1956	6	39.	1964	28	15.9	0.0	0.0	0.0	2.11	3.42	1965	19	0.0	0.	0	0	3.9	1.2	.5
SEP	81.3	46.1	63.7	103.	1960	2	24.	1970	26	5.6	0.0	.7	0.0	.84	1.55	1951	7	.4	0.	0	0	1.8	.6	0.0
OCT	71.2	34.6	52.9	92.	1964	1	10.	1969	13	.3	.1	11.0	0.0	.60	1.03	1960	18	1.0	5.	1969	12	1.9	.3	.1
NOV	55.8	21.5	38.7	79.	1958	10	-9.	1958	28	0.0	.8	28.2	.3	.28	.65	1957	2	3.1	5.	1962	17	.9	.1	0.0
DEC	47.5	13.6	30.6	76.	1964	23	-26.	1961	12	0.0	3.9	30.6	2.5	.18	.40	1960	11	3.5	8.	1960	12	.7	0.0	0.0
ANNUAL	67.8	33.5	50.7							57.	14.	176.	12.	11.6				28.				27.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.41	.12	.54	.64	.06	0.00	0.00	0.00	5.29
.10	.01	0.00	.08	.05	.57	.22	.77	.84	.12	.02	0.00	0.00	7.23
.20	.04	.01	.17	.17	.82	.42	1.13	1.14	.22	.09	.08	0.00	8.49
.30	.07	.05	.24	.30	1.04	.63	1.46	1.40	.34	.17	.12	0.06	9.49
.40	.11	.10	.33	.45	1.26	.85	1.80	1.65	.47	.27	.17	.10	10.40
.50	.15	.15	.41	.63	1.49	1.11	2.15	1.91	.62	.36	.23	.14	11.31
.60	.20	.20	.52	.82	1.75	1.47	2.55	2.19	.80	.53	.28	.19	12.27
.70	.30	.30	.64	1.12	2.06	1.81	3.03	2.53	1.02	.72	.36	.24	13.35
.80	.41	.46	.81	1.51	2.46	2.34	3.86	2.96	1.34	.99	.45	.31	14.70
.90	.60	.70	1.08	2.18	3.10	3.24	4.86	3.84	1.87	1.45	.61	.42	16.71
.95	.79	.94	1.34	2.85	3.70	4.13	5.91	4.27	2.40	1.94	.76	.53	18.50
ALPHA	.90	.86	1.67	1.02	2.65	1.24	2.36	3.40	1.17	.89	1.69	1.74	9.72
BETA	.79	.37	.33	.96	.64	1.70	1.05	.62	.72	.71	.19	.13	1.20
Q	.05	.15	.05	.05	0.00	0.00	0.00	0.00	0.00	.05	.10	.20	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.44	.04	.02	1.07	1.55	3.14	2.37	1.52	2.33	.49	.36	.19	13.52
1952	.07	.07	.94	2.17	1.06	.05	1.37	1.85	1.37	T	.64	.18	9.77
1953		.09	.24	1.30	2.40	1.22	1.06	2.14	.10	.78	.48	.30	
1954	.38	T	.29	.02	3.67	.05	.89	3.15	.02	1.05	.08	.19	9.79
1955	.08	.16	.13	.05	2.22	.58	1.26	3.67	.88	.02	.06	.10	5.21
1956	.53	.21	.76	.34	.69	1.12	1.15	1.01	.02	.02	.34	.08	6.27
1957	.08	.07	.99	4.42	4.01	2.68	3.79	1.34	.37	.82	1.08	T	19.65
1958	.09	.29	.74	1.28	3.48	.83	3.83	1.43	1.41	.52	.22	.03	14.15
1959	.70	.88	.55	1.96	1.46	1.04	1.07	3.00	1.95	.83	.10	.00	13.54
1960	1.19	1.23	.48	.59	1.84	.88	1.76	.59	.55	1.97	.22	.90	12.20
1961	.02	.96	1.04	.17	1.59	3.72	3.11	2.35	.79	.04	.36	.08	14.23
1962	.27	.24	.48	.94	1.72	1.84	5.85	.42	.62	.10	.75	.08	13.31
1963	.22	.07	1.03	T	.90	1.20	.33	3.07	.68	.23	.15	.27	8.15
1964	T	.02	.81	.39	.80	.22	.91	1.15	.36	.10	.24	T	5.00
1965	.02	.61	.43	.50	.82	4.64	4.06	4.78	.78	.80	T	.17	17.61
1966	.32	.15	T	.28	.25	.74	2.11	3.49	1.33	.29	.00	.09	5.05
1967	.07	T	.10	1.07	1.52	1.82	3.66	1.31	1.48	.27	.13	.47	11.90
1968	.02	.24	.12	.37	.87	1.32	3.71	2.02	.29	.32	.18	.24	5.70
1969	.07	.02	.69	.53	2.46	1.54	5.26	1.90	.75	2.07	.19	.27	15.75
1970	.11	T	.45	1.03	.67	1.07	2.26	1.98	.80	1.25	.06	T	9.68

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			1.0	.3	5.0	5.0	9.0		.5	3.0	T	1.0	
51-52	T	T	.0	.0	8.3	3.6	2.0	1.0		3.0	.0	T	
52-53	.0	.0	.0	.0	3.5	5.5	2.0	4.0	.0	6.1	.2	T	24.2
53-54	T	.0	.0	T	2.0	5.0	1.0	T	1.5	.0	T	T	16.5
54-55	T	T	.0	.0	2.0	5.0	1.0	2.5	2.3	T	T	T	12.8
55-56	.5	T	.0	.3	2.0	1.1	10.5	5.0	9.6	3.0	.0	.0	32.0
56-57	.0	.0	.0	.0	5.1	2.5	4.0	T	9.0	9.0	2.0	.0	31.6
57-58	.0	.0	.0	1.0	3.0	T	3.0	5.0	8.0	6.0	.0	.0	26.0
58-59	.0	.0	.0	T	5.0	T	12.5	14.5	4.0	23.5	.0	.0	59.5
59-60	.0	.0	7.0	5.0	1.0	T	15.0	19.5	7.0	3.0	.0	.0	57.5
60-61	.0	.0	.0	2.0	4.0	13.5	.5	15.5	9.5	2.0	T	.0	47.0
61-62	.0	.0	.0	T	6.0	2.5	7.5	4.5	6.0	T	T	.0	26.5
62-63	.0	.0	T	.0	10.0	1.0	7.0	2.0	15.0	.0	.0	.0	35.0
63-64	.0	.0	.0	.5	.5	6.1	T	.7	15.5	3.9	.0	.0	27.2
64-65	.0	.0	.0	.0	4.5	T	.5	11.6	11.0	.0	.0	.0	27.6
65-66	.0	.0	.0	.0	T	6.0	10.0	3.0	T	2.0	.0	.0	21.0
66-67	.0	.0	.0	1.0	.0	2.5	2.0	.3	2.5	5.0	.0	.0	13.3
67-68	.0	.0	.0	T	2.0	9.5	1.0	5.5	2.0	T	.5	.0	20.5
68-69	.0	.0	.0	T	T	4.0	.5	T	11.5	T	.0	.0	16.0
69-70	.0	.0	.0	9.0	1.0	3.0	2.0	T	12.5	4.0	T	.0	31.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956				65.5M	80.8	95.7M	92.4M	90.4M	89.5M	74.9M	52.3	50.6	
1957	40.9	57.5M	53.0M	57.5	66.6	82.5	92.6	88.9M	81.4M	67.4	49.8M	56.8M	66.5*
1958	49.0	49.6	42.8	61.1	75.6	87.8M	87.5	93.0	84.1M	71.3	58.2	49.4	67.8*
1959	44.4	45.0	57.1	64.1	75.7M	91.1M	93.0M		78.6	64.5	55.6	50.6M	
1960	41.0	34.9	51.2	69.5	75.2	88.4		92.7	83.8	69.9M	57.1	40.6	
1961	46.6	49.4	53.9M	64.3	75.2		88.6	88.3	77.0M	72.3M	52.1	41.5	
1962	39.1	53.0	54.7	69.1	81.4	83.5	89.0	91.9M	81.5M	75.5M	57.3	51.7	69.0*
1963	38.3	55.7	58.7M	71.9M	81.3	90.1	97.1	88.3M	85.2M	80.5M	59.5	43.3	70.8*
1964	48.8	44.6	51.8	66.1	78.9	86.1	97.0	90.2	81.2	73.8M	54.5M	49.2	68.5*
1965	52.8	47.8	44.3M	69.2	78.3	81.4M	91.1M	84.0	73.6	76.1M	62.0	49.6	67.5*
1966	38.5	41.9	62.9M	66.6	81.5	88.5M	95.2M	84.0M	80.7M	72.8M	56.1M	46.6M	68.1*
1967	50.4	53.2	64.2	71.3	72.9	82.2	88.4	85.4M	78.7	72.6M	57.1	39.0	68.0*
1968	47.7M	50.2	59.6	63.4	72.3	89.1M	88.8	85.0M	81.0M	75.0M	52.4	44.6	67.4*
1969	50.3	51.1	45.8	69.0	75.4	81.0	91.9	89.7	81.4M	57.7M	55.9	47.3	66.4*
1970	46.6M	55.4M	48.7	62.6	79.5	85.7	90.7M	91.6	81.8M	64.0M	55.4	51.2	67.8*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956				30.6M	45.3	58.1M	58.4M	54.3M	46.3M	34.4M	19.0	15.8	
1957	9.3	20.5M	25.4M	32.1	43.2	49.8	58.1	56.1M	41.5M	38.2M	21.6M	14.8M	34.2*
1958	10.7	19.6M	21.0	29.9	46.3M	52.1M	55.6	55.2M	48.0	33.3	20.6	17.0	34.1*
1959	10.2M	16.3	20.0	28.2	43.5	53.4M	53.7M		44.5	31.7M	17.4	16.5M	
1960	8.8	10.4	20.7	35.0M	41.8	52.2		56.0	47.3	37.8M	22.0	14.1	
1961	13.1	19.3	25.5M	30.4	43.6		55.9M	56.7	43.0M	31.3M	20.7	9.1M	
1962	3.8	13.8	19.0	34.1	43.9	50.7	56.5M	53.9	46.8M	36.3M	24.7	17.0	33.9*
1963	.9	18.0	23.3	33.5M	45.3M	52.6M	60.5	58.8M	52.0M	41.0M	22.7	9.3	34.8*
1964	10.8	9.9	15.9	30.7M	43.2	52.8M	61.0M	54.7	47.5M	32.5M	22.0M	13.0	32.8*
1965	15.2	11.4	14.7M	35.1M	43.2M	52.0M	59.3M	53.3	43.4	34.7M	25.2M	18.2M	33.7*
1966	5.9	14.3	22.6M	30.4	41.1	52.0M	63.2M	55.7	49.0M	33.8M	23.5M	10.0	33.5*
1967	13.5	14.9M	25.2M	33.9	39.6M	51.4	58.6	53.7M	45.7	34.7M	19.7	9.8	33.4*
1968	10.6M	16.8	22.1	26.3	38.7M	51.8M	57.3	54.4M	43.6M	36.3M	21.3	10.4	32.5*
1969	15.2	16.4	15.8	35.0	45.4	48.9	58.5M	57.8	49.7M	31.5M	19.8	16.3	34.2*
1970	9.0M	16.2M	18.4	26.3M	40.7	48.9	56.3M	56.9	43.2M	30.9M	21.9	13.0	32.0*

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956				48.1M	63.1	76.9M	75.4M	72.4M	67.9M	54.7M	35.7	33.2	
1957	25.1	39.0M	39.2M	44.8	56.4	66.2	75.4	72.5M	61.5M	52.8M	35.7M	35.8M	50.4*
1958	29.9	34.6M	31.9	45.5	63.0M	70.0M	71.6	74.1M	66.1M	52.3	39.4	33.2	51.0*
1959	27.3M	30.7	38.6	46.2	59.6M	72.3M	73.4M		61.6	48.1M	36.5	33.6M	
1960	24.9	22.7	36.0	52.3M	58.5	70.3		74.4	65.6	53.9M	39.6	27.4	
1961	29.9	34.4	39.7M	47.4	59.4		72.3M	72.5	60.0M	51.8M	36.4	25.3M	
1962	21.5	36.4	36.9	51.6	62.7	67.1	72.8M	72.9M	64.2M	55.9M	41.0	34.4	51.5*
1963	19.6	36.9	41.0M	52.7M	63.3M	71.4M	78.8	73.6M	68.6M	60.8M	41.1	26.3	52.8*
1964	29.8	27.3	33.9	48.4M	61.1	69.5M	79.0M	72.5	64.4M	53.2M	38.3M	31.1	50.7*
1965	34.0	29.6	29.5M	52.2M	60.8M	66.7M	74.7M	68.7	58.5	55.4M	43.6M	33.9M	50.6*
1966	22.2	28.1	42.8M	48.5	61.3	70.3M	79.2M	69.9M	64.9M	53.3M	41.0M	28.3M	50.8*
1967	32.0	34.1M	44.7M	52.6	56.3M	66.8	73.5	69.6M	62.2	53.7M	38.4	24.4	50.7*
1968	29.2M	33.5	40.9	44.9	55.5M	70.5M	73.1	69.7M	62.3M	55.7M	36.9	27.5	50.0*
1969	32.8	33.8	30.8	52.0	60.4	65.0	75.2M	73.8	65.6M	44.6M	37.9	31.8	50.3*
1970	27.8M	35.8M	33.6	44.5M	60.1	67.3	74.5M	74.3	62.5M	47.5M	38.7	32.1	49.9*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FORT COLLINS

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S				EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	41.6	13.4	27.5	68.	1953	12	-32.	1962	10	0.0	7.3	30.2	4.5	.42	.86	1962	8	6.5	13.	1962	8	1.2	.1	0.0
FEB	44.7	18.0	31.4	75.	1954	8	-41.	1951	1	0.0	3.9	26.7	2.6	.44	.41	1961	26	6.6	9.	1956	8	1.6	0.0	0.0
MAR	48.8	22.0	35.4	78.	1967	29	-23.	1956	12	0.0	3.8	27.5	1.2	1.10	1.06	1961	18	13.3	17.	1956	14	3.6	.5	.1
APR	60.0	32.1	46.1	83.	1961	19	-8.	1959	12	0.0	.5	14.3	.3	1.55	2.18	1957	2	6.4	18.	1957	2	3.9	.6	.2
MAY	69.7	42.8	56.3	90.	1969	27	25.	1962	1	0.0	0.0	1.8	0.0	2.88	3.21	1961	13	.2	1.	1961	13	5.2	1.6	.8
JUN	79.1	51.8	65.0	102.	1954	23	33.	1951	2	4.4	0.0	0.0	0.0	1.99	2.71	1965	17	0.0	0.	0	0	4.6	.8	.2
JUL	85.9	56.7	71.3	102.	1954	11	40.	1952	8	9.8	0.0	0.0	0.0	1.53	1.58	1961	7	0.0	0.	0	0	3.8	.9	.2
AUG	83.6	54.5	69.1	99.	1969	8	39.	1964	30	6.2	0.0	0.0	0.0	1.62	3.06	1951	3	0.0	0.	0	0	3.4	.6	.2
SEP	75.5	44.7	60.1	95.	1959	6	27.	1965	24	1.2	0.0	1.0	0.0	1.08	.96	1963	20	.1	1.	1959	29	2.9	.8	0.0
OCT	64.9	34.4	49.7	87.	1967	3	8.	1969	14	0.0	.1	12.1	0.0	1.14	1.67	1951	5	2.5	12.	1969	12	2.8	.9	.2
NOV	51.0	23.2	37.1	73.	1964	8	-17.	1951	2	0.0	2.5	26.4	.5	.55	.61	1967	21	5.5	6.	1967	21	1.8	.2	0.0
DEC	43.7	17.0	30.4	73.	1957	9	-17.	1954	28	0.0	5.2	30.5	2.0	.36	.82	1958	12	4.9	12.	1958	12	1.2	.1	0.0
ANNUAL	62.4	34.1	48.3							22.	23.	171.	11.	14.7				46.				36.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.06	.08	.14	.39	.54	.40	.26	.13	.06	.05	0.00	0.00	7.49
.10	.09	.12	.23	.54	.80	.59	.40	.24	.12	.10	0.00	0.00	8.71
.20	.15	.19	.38	.76	1.22	.88	.62	.45	.25	.23	0.00	0.00	10.36
.30	.21	.25	.54	.96	1.61	1.15	.83	.67	.40	.38	.34	.13	11.68
.40	.27	.31	.70	1.16	2.01	1.41	1.04	.92	.57	.55	.42	.20	12.89
.50	.34	.37	.88	1.37	2.43	1.70	1.28	1.21	.76	.76	.50	.27	14.10
.60	.42	.45	1.08	1.60	2.92	2.03	1.54	1.54	1.00	1.03	.58	.36	15.38
.70	.51	.54	1.34	1.87	3.51	2.42	1.86	1.97	1.31	1.37	.69	.46	16.83
.80	.64	.66	1.69	2.23	4.29	2.94	2.29	2.56	1.74	1.85	.82	.61	18.64
.90	.84	.85	2.26	2.80	5.53	3.77	2.98	3.56	2.47	2.70	1.03	.85	21.36
.95	1.04	1.03	2.81	3.34	6.72	4.56	3.64	4.54	3.19	3.54	1.22	1.08	23.79
ALPHA	1.71	2.08	1.58	2.75	2.10	2.24	1.96	1.72	1.04	.91	2.90	1.44	8.52
BETA	.24	.71	.69	.56	1.37	.89	.78	1.33	1.04	1.25	.20	.30	1.72
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.73	.70	.35	1.39	2.59	2.11	1.97	7.39	.96	2.73	.66	.94	22.52
1952	.07	.08	1.57	1.89	3.71	2.46	.72	.97	.04	.20	1.03	T	12.74
1953	.19	.49	1.05	1.87	1.88	2.79	1.23	.65	.48	.12	.45	.22	11.42
1954	.11	.06	.90	.35	1.14	.89	.95	1.24	.99	.35	.53	.47	7.98
1955	.36	.63	1.15	.22	1.64	2.58	1.23	1.42	1.91	.19	1.05	.59	12.97
1956	.70	.66	.71	1.67	2.62	.31	2.23	1.91	.03	.05	.79	.51	12.19
1957	.70	.52	.42	3.94	6.04	1.02	.43	3.07	.81	1.99	.62	T	19.56
1958	.17	.40	1.87	1.95	5.30	2.30	1.58	1.01	.46	.85	.57	.58	17.44
1959	.46	.58	1.36	2.71	3.54	.39	.31	.60	1.97	2.71	.04	T	14.67
1960	.37	.53	.84	.88	2.50	.72	.80	.03	.39	2.11	.28	.56	10.01
1961	.21	.64	3.38	1.00	7.06	1.83	4.27	4.00	4.00	1.17	.62	.24	28.42
1962	1.17	.70	.55	1.00	2.36	2.13	2.07	.31	.41	1.75	.57	.18	13.20
1963	.67	.42	1.28	.50	.42	3.75	.13	1.69	2.10	.30	.19	.55	12.00
1964	.31	.21	.92	1.69	1.87	.54	1.04	.45	.34	.06	.46	.18	8.07
1965	.66	.31	.84	1.19	1.89	5.27	2.29	.44	2.33	.51	.00	.44	16.17
1966	.12	.60	.01	1.39	.27	1.60	.62	.63	1.16	.43	.45	.06	7.34
1967	.61	.350	.61	3.02	4.79	3.26	3.10	1.82	.93	.61	1.14	1.05	21.29*
1968	.09	.60	.90	1.85	2.20	.86	2.05	2.11	.09	.65	.78	.13	13.31
1969	.59	.33	.59	1.46	3.80	2.56	.84	1.72	.63	4.85	.32	.02	17.71
1970	.06	.02	2.65	1.04	.90	2.44	2.65	.97	1.61	1.25	.54	.16	14.29

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51	T	.0	.0	3.1	7.0	9.8	12.4	4.4	3.2	6.7	.0	T	44.1
51-52	.0	.0	.0	1.5	11.4	T	.2	.8	22.7	.5	T	T	48.6
52-53	.0	.0	.0	T	4.0	3.0	1.0	.8	3.7	22.2	T	.0	24.2
53-54	.0	.0	.0	1.3	5.0	5.1	5.0	13.1	14.9	T	.5	.0	50.1
54-55	.0	.0	.0	T	9.3	7.0	12.3	10.0	18.7	1.7	.0	.2	62.2
55-56	.0	.0	.0	T	8.5	5.6	10.6	.0	21.1	2.5	.0	.0	62.2
56-57	.0	.0	.0	T	3.9	T	4.8	5.3	3.1	27.5	2.0	.0	32.3
57-58	.0	.0	.0	.1	7.7	13.1	5.8	10.5	15.2	3.0	.0	.0	66.6
58-59	.0	.0	.0	1.0	7.7	13.1	5.8	10.5	11.5	17.0	.0	.0	66.6
59-60	.0	.0	3.0	9.2	1.1	T	5.9	11.0	12.0	.4	T	.0	42.6
60-61	.0	.0	.0	T	2.3	5.0	3.2	8.0	23.4	4.1	1.0	.0	47.0
61-62	.0	.0	.0	6.0	8.2	2.9	17.3	10.4	4.5	4.5	.0	.0	42.2
62-63	.0	.0	.0	.0	5.6	.8	12.8	6.4	16.6	T	.0	.0	44.7
63-64	.0	.0	.0	T	T	9.9	3.7	5.3	14.1	11.7	T	.0	48.9
64-65	.0	.0	.0	.0	7.3	3.5	8.2	10.8	16.2	2.9	T	.0	48.9
65-66	.0	.0	.0	.0	.0	6.0	2.4	9.9	T	7.0	.7	.0	26.0
66-67	.0	.0	.0	1.1	7.0	1.8	10.6	5.8	6.5	1.3	.7	.0	34.8
67-68	.0	.0	.0	T	12.5	18.1	.7	9.7	6.6	7.9	.0	.0	55.5
68-69	.0	.0	.0	.0	5.8	3.4	8.8	3.2	11.1	T	.0	.0	32.3
69-70	.0	.0	.0	14.7	.8	.2	1.1	T	32.6	6.9	T	.0	56.3

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.5	45.2	48.5	56.6	62.8	71.9	85.9	80.4	73.1	60.8	49.1	38.5	59.9
1952	41.1	47.5	42.8	61.5	68.5	84.8	85.1	83.7	80.2	67.8	43.9	42.9	62.5
1953	52.2	45.5	57.2	54.7	65.2	82.8	85.5	83.6	79.7	68.4	55.1	45.5	64.6
1954	47.8	58.9	47.5	68.5	69.4	83.9	91.2	85.4	78.9	66.3	57.8	46.7	66.9
1955	36.1	36.8	48.5	65.4	72.9	75.2	89.7	85.9	77.2	68.7	45.6	43.4	62.1
1956	43.1	36.6	52.5	58.9	71.6	87.6	84.9	81.4	81.6	69.4	50.2	48.2	63.8
1957	35.0	50.7	50.8	50.9	63.3	78.8	86.9	83.4	74.4	60.8	45.5	52.6	61.1
1958	45.7	47.6	41.3	55.4	74.1	80.6	80.9	87.1	78.6	68.2	52.7	43.8	63.0
1959	39.4	36.4	50.0	57.3	66.7	83.1	86.8	86.7	72.7	59.3	51.0	48.6	61.5
1960	38.5	35.6	49.0	63.8	70.7	82.8	87.4	87.3	78.3	64.8	51.8	42.9	62.7
1961	45.8	49.0	47.6	59.6	68.1	79.3	83.6	83.3	66.8	62.5	46.6	38.3	60.9
1962	31.2	39.8	47.0	63.8	72.0	76.8	82.8	84.6	75.2	67.5	55.1	46.8	61.9
1963	32.1	50.4	49.5	63.0	74.1	81.4	88.5	81.4	78.5	70.0	54.9	40.0	63.7
1964	42.3	40.9	44.6	58.6	72.1	77.0	89.0	82.1	76.1	67.9	51.2	42.9	62.1
1965	47.2	41.0	39.9	62.3	68.7	74.5	83.9	81.0	64.9	69.1	56.2	45.5	61.2
1966	39.6	38.8	58.1	58.7	75.2	78.8	89.1	82.2	75.9	65.1	50.4	42.8	62.9
1967	45.3	48.8	57.4	63.0	64.6	71.3	82.9	82.2	75.0	67.7	52.1	36.0	62.2
1968	41.8	46.7	55.6	56.1	65.6	82.0	84.3	80.7	74.7	65.5	47.4	40.8	61.8
1969	44.3	44.6	44.5	65.7	70.4	71.4	86.1	85.1	76.2	50.9	51.7	44.4	61.3
1970	43.8	53.7	44.3	55.5	72.9	78.6	84.2	85.1	72.6	56.0	51.8	43.1	62.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.7	15.6	19.5	29.9	41.6	45.4	55.2	53.6	43.3	31.6	18.4	13.7	31.6
1952	13.2	17.8	18.3	32.4	42.8	52.8	54.5	53.8	43.7	30.1	16.1	16.4	32.7
1953	21.5	17.3	24.9	28.4	40.1	52.3	57.3	53.0	44.6	34.1	24.7	16.5	34.6
1954	16.1	23.6	18.9	36.1	42.5	50.5	58.2	53.8	46.4	33.8	25.5	17.0	35.2
1955	9.3	10.6	20.4	31.3	42.6	49.0	56.3	56.4	44.8	33.7	20.8	16.9	32.7
1956	19.0	7.8	20.9	30.7	44.9	52.0	55.3	52.2	43.7	33.9	22.0	19.4	33.5
1957	6.9	22.8	24.5	29.0	41.4	50.8	56.4	56.1	42.3	39.9	22.4	21.2	34.5
1958	13.8	22.0	21.1	32.1	46.3	53.1	55.0	56.1	46.1	35.5	22.1	17.6	35.1
1959	14.7	15.8	25.4	28.8	42.6	52.6	55.2	55.8	43.3	32.2	20.4	19.7	33.9
1960	11.9	14.4	22.0	34.7	40.1	51.1	54.4	52.2	46.6	35.6	23.5	17.4H	33.7*
1961	12.5	21.1	25.3	31.7	43.8	51.1	55.7	56.6	42.6	33.8	21.2	14.9	34.2
1962	.1	18.0	21.7	33.9	43.4	49.3	54.4	51.6	44.3	37.2	26.8	16.7	33.1
1963	1.7	23.0	22.7	33.5	43.1	52.1	58.3	56.6	49.5	39.3	25.0	11.5	34.7
1964	16.8	15.5	19.1	32.3	43.7	50.1	58.5	51.9	43.2	33.2	24.3	18.5	33.9
1965	19.7	14.9	14.3	35.7	42.3	52.0	57.5	53.5	40.8	37.2	28.4	18.0	34.5
1966	12.0	13.0	25.3	31.1	42.6	50.7	60.5	53.3	47.4	33.0	24.9	16.8	34.2
1967	18.7	21.0	28.1	35.1	41.2	49.6	57.2	53.3	45.4	36.6	23.1	13.9	35.3
1968	15.6	22.6	25.9	29.3	40.4	52.3	56.9	53.1	43.0	35.8	24.2	16.5	34.6
1969	17.2	21.1	19.0	37.6	45.3	49.0	58.8	58.1	48.2	29.4	23.7	20.3	35.6
1970	16.3	21.5	22.2	29.4	44.5	50.7	56.2	58.0	43.9	32.2	26.6	18.0	35.1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1951	25.6	31.4	34.0	43.3	55.2	58.7	70.6	67.0	58.2	46.2	33.8	26.1	45.8
1952	27.2	32.7	30.6	47.0	55.7	68.8	69.8	68.8	62.0	49.0	30.0	29.7	47.6
1953	36.9	31.4	41.1	41.6	52.7	67.6	71.4	68.3	62.2	51.3	39.9	31.0	49.6
1954	32.0	41.3	33.2	52.3	56.0	67.2	74.7	69.6	62.7	50.1	41.7	31.9	51.1
1955	22.7	23.7	34.5	48.4	57.8	62.1	73.0	71.2	61.0	51.2	33.2	30.2	47.4
1956	31.1	22.2	36.7	44.8	58.3	69.8	70.1	66.8	62.7	51.7	36.1	33.8	48.7
1957	21.0	36.8	37.7	40.0	52.4	64.8	71.7	69.8	58.4	50.4	34.0	36.9	47.8
1958	29.8	34.8	31.2	43.8	60.2	66.9	68.0	71.6	62.4	51.9	37.4	30.7	49.1
1959	27.1	25.1	37.7	43.1	54.7	67.9	71.0	71.3	58.0	45.8	35.7	34.2	47.7
1960	25.2	25.0	35.5	49.3	55.4	67.0	70.9	69.8	62.5	50.2	37.7	30.2M	48.2*
1961	29.2	35.1	36.5	45.7	56.0	65.2	69.7	70.0	54.7	48.2	33.9	26.6	47.6
1962	15.7	28.9	34.4	48.9	57.7	63.1	68.6	68.1	59.8	52.4	41.0	31.8	47.5
1963	16.9	35.7	36.1	48.3	58.6	66.8	73.4	69.0	64.0	54.7	40.0	25.8	49.2
1964	29.6	23.2	31.9	45.5	57.9	63.6	73.8	67.0	59.7	50.6	37.8	30.7	48.0
1965	33.5	23.0	27.1	49.0	55.5	63.3	70.7	67.3	52.9	53.2	42.3	31.8	47.9
1966	25.8	25.9	41.7	44.9	58.9	64.8	74.8	67.8	61.7	49.1	37.7	29.8	48.6
1967	32.0	34.9	42.8	49.1	52.9	60.5	70.1	67.8	60.2	52.2	37.6	25.0	46.8
1968	28.7	34.7	40.8	42.7	53.0	67.2	70.6	66.9	58.9	50.7	35.8	28.7	48.2
1969	30.8	32.9	31.8	51.7	57.9	60.2	72.5	71.6	62.2	40.2	37.7	32.4	48.5
1970	30.1	37.6	33.3	42.5	56.7	64.7	71.2	71.6	58.3	45.1	39.2	30.6	48.6

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FORT LEWIS

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS				EXTREMES				MEAN NO OF DAYS				SHOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	37.0	9.1	23.1	60.	1953	12	-35.	1963	12	0.0	8.4	31.0	6.9	1.60	1.03	1969	26	20.3	35.	1952	19	3.9	.6	.1
FEB	39.6	10.7	25.2	59.	1963	6	-25.	1951	1	0.0	4.9	28.2	5.1	1.17	1.54	1969	7	13.4	48.	1969	19	3.4	.6	.1
MAR	44.4	17.1	30.8	71.	1966	31	-15.	1966	4	0.0	2.8	30.5	1.6	1.25	1.40	1966	2	13.0	42.	1969	11	4.1	.3	.1
APR	54.9	25.0	40.0	73.	1965	22	-4.	1955	9	0.0	.1	26.3	0.0	1.25	1.25	1952	28	6.6	16.	1958	5	3.2	.4	.1
MAY	65.5	32.7	49.1	82.	1956	31	11.	1953	10	0.0	0.0	14.7	0.0	.87	1.04	1968	12	.6	2.	1969	6	2.6	.6	.1
JUN	75.4	39.7	57.6	89.	1961	22	16.	1954	7	.1	0.0	3.4	0.0	.78	1.14	1952	3	0.0	0.	0	0	2.3	.3	0.0
JUL	80.7	48.1	64.4	93.	1966	6	33.	1955	2	.3	0.0	0.0	0.0	2.03	1.27	1967	17	0.0	0.	0	0	6.0	1.0	.2
AUG	77.7	46.5	62.2	89.	1964	4	26.	1968	23	0.0	0.0	.2	0.0	2.20	1.58	1957	7	0.0	0.	0	0	6.2	1.2	.2
SEP	71.6	39.2	55.4	86.	1960	5	17.	1970	25	0.0	0.0	3.7	0.0	1.42	1.41	1970	6	.1	1.	1959	30	4.0	.8	.2
OCT	61.2	30.2	45.7	79.	1963	1	7.	1956	30	0.0	.1	18.8	0.0	1.96	1.60	1959	30	1.1	6.	1959	30	4.1	1.5	.4
NOV	47.6	19.5	33.6	69.	1964	1	-15.	1952	25	0.0	1.6	29.0	.9	1.14	1.17	1965	25	7.4	12.	1957	17	3.1	.5	.1
DEC	38.3	10.6	24.5	57.	1959	12	-18.	1968	22	0.0	7.6	30.9	5.5	1.78	2.45	1966	6	16.2	31.	1967	21	3.9	.9	.2
ANNUAL	57.7	27.4	42.5							0.	25.	217.	20.	17.5				79.				47.	9.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.25	.19	.16	.26	0.00	.05	.64	.60	0.00	0.00	.30	.27	10.59
.10	.38	.29	.26	.37	.11	.10	.83	.81	0.00	0.00	.41	.42	11.73
.20	.62	.46	.44	.55	.25	.20	1.12	1.13	.45	.43	.58	.68	13.21
.30	.84	.62	.61	.72	.38	.31	1.36	1.41	.70	.85	.72	.92	14.36
.40	1.07	.78	.80	.89	.52	.43	1.60	1.68	.94	1.22	.86	1.18	15.39
.50	1.32	.97	1.00	1.07	.68	.57	1.85	1.97	1.19	1.61	1.01	1.46	16.40
.60	1.61	1.17	1.23	1.27	.86	.73	2.12	2.28	1.47	2.04	1.18	1.78	17.44
.70	1.96	1.43	1.52	1.52	1.08	.94	2.43	2.66	1.81	2.55	1.37	2.17	18.63
.80	2.43	1.77	1.91	1.84	1.34	1.24	2.84	3.14	2.22	3.22	1.63	2.70	20.07
.90	3.00	2.32	2.56	2.36	1.80	1.73	3.48	3.91	2.97	4.30	2.03	3.56	22.19
.95	3.93	2.85	3.18	2.85	2.36	2.22	4.07	4.63	3.65	5.33	2.40	4.39	24.04
ALPHA	1.80	1.84	1.60	2.26	1.47	1.15	3.55	3.00	2.00	1.91	2.93	1.77	16.53
BETA	.89	.64	.78	.55	.62	.68	.57	.73	.79	1.21	.39	1.01	1.01
Q	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.10	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.11	.91	.66	1.87	.69	.05	2.29	2.37	1.06	2.35	.65	5.03	20.04
1952	2.48	1.04	1.48	2.72	.20	2.03	2.22	1.23	1.28	.00	2.29	1.23	18.20
1953	1.72	.26	1.52	2.34	.27	.07	2.24	1.50	.00	3.01	1.65		
1954	.93	.37	1.82	.32	1.41	1.00	3.57	1.20	2.75	1.00	.53	1.05	15.95
1955	1.36	2.08	.04	.79	1.58	.19	1.78	4.30	.69	.00	1.23	2.12	16.16
1956	2.52	.56	.44	.57	.60	.10	.99	1.13	.21	1.12	.44	.42	9.50
1957	5.69		1.08	3.22	3.01	.990	3.95	4.20	.00	3.90	2.95	1.19	
1958	.84	1.82	2.68	1.29	.21	.85	.50	1.37	1.49	2.01	.92	.20	14.18
1959	.24	1.48	.16	1.50	.42	.94	1.23	3.55	1.17	4.54	.50	3.50	19.23
1960	1.54	2.07	1.13	1.44	.57	.35	.50	1.01	1.24	3.79	.56	1.45	15.65
1961	.56	.63	3.05	.87	.21	.11	1.43	3.43	2.41	2.22	.82	.82	16.96
1962	.62	1.86	.67	.37	.22	.62	.73	.21	1.88	3.09	1.41	1.24	13.52
1963	1.33	.83	.48	.55	.07	.46	1.67	3.53	.99	1.95	1.06	.36	13.28
1964	.37	.43	1.40	1.81	.44	.14	3.00	2.58	1.51	.00	.98	1.80	14.46
1965	1.25	1.52	1.18	2.11	2.36	1.48	3.86	2.30	1.84	1.45	2.24	3.34	25.53
1966	.84	.88	1.40	.65	1.19	.69	1.96	1.14	1.48	.51	1.02	4.39	16.15
1967	.67	.17	.31	.27	.83	1.12	2.51	3.06	.54	.14	.19	2.60	12.41
1968	1.45	1.26	.99	.90	1.37	.46	2.29	2.00	.18	1.23	.930	1.45	14.51*
1969	3.86	3.78	2.04	.53	1.11	2.33	1.87	1.96	2.89	5.82	.97	.71	27.87
1970	.30	.26	2.40	.82	T	1.56	2.08	2.03	4.83	1.16	1.39	.88	17.71

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							29.5	12.5	8.5	8.0	1.0	.0	
51-52	.0	.0	.0						15.0	10.0	T	.0	
52-53	.0	.0	.0	.0	23.0	19.0	29.0	7.0	17.7	12.5	.0	.0	108.2
53-54	.0	.0	.0		3.0		21.0			.0	6.0	.0	
54-55	.0	.0	.0	.0	.5	12.0	26.5	37.0	.0	.0	.0	.0	76.0
55-56	.0	.0	.0	.0	18.0	26.0	35.0	8.5	9.0		.0	.0	
56-57	.0	.0	.0		6.0	6.5	63.5			33.0	2.0		
57-58	.0	.0	.0	5.0	15.0	11.0	12.2	17.0	32.0	21.0	.0	.0	113.2
58-59	.0	.0	.0	6.0	9.0	3.2	3.3	20.5	3.0	1.0	.0	.0	46.0
59-60	.0	.0	1.0	6.0			9.0			6.8	T	.0	
60-61	.0	.0	.0	.0	2.0		12.3	10.4	28.3	.7	1.9	.0	
61-62	.0	.0	T	1.0	5.5	17.3	13.9	25.6	12.1	T	.4	T	75.8
62-63	.0	.0	.0	.0	5.4	7.1	23.4	13.3	9.5	1.5	.0	.0	60.2
63-64	.0	.0	.0	T	6.0	7.4	8.0	9.8	31.0	16.2	.2	.0	78.6
64-65	.0	.0	.0	.0				16.0	12.5		.0	.0	
65-66	.0	.0	.0		1.8	41.0	14.0	11.0	8.0		.0	.0	
66-67	.0	.0	.0	T		20.0	6.0	.0	1.0	T	.0	.0	
67-68	.0	.0	.0	.0	2.4		14.5	12.0	8.0	1.0	.0	.0	
68-69	.0	.0	.0	.0	6.6	26.5	24.5			T	.0	.0	
69-70	.0	.0	.0	.0	6.0			.0		T	.0	.0	

FORT LEWIS

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.9	40.6	43.4	53.0	63.8	72.0	80.5	74.3	71.6	57.3	43.4	33.5	55.9
1952	34.5	37.6	39.4	55.8	66.2	75.5	80.4	79.0	72.9	67.1	43.0	36.0M	57.3*
1953	42.2	39.3	47.3	53.9	60.6M	77.2	80.8	76.5	74.1	60.5	49.8	35.8M	58.2*
1954	40.4	48.9	44.3M	62.8	68.0	74.9M	79.7	76.7	71.9	63.7	54.3	39.5	60.4*
1955	33.6	33.4	45.3	54.3	63.0	73.0M	78.4	78.0M	73.5M	64.7	46.2	40.5	57.0*
1956	42.6	36.8	48.8	56.0M	68.1M	79.0	79.2	76.3M	76.6	62.2M	45.0M	40.3	59.2*
1957	35.1M		44.3M	49.7	57.3		74.7	73.0M	69.1	54.2	39.6	39.6	
1958	38.3	42.2	39.0	50.8M	67.4	76.2M	78.9	79.8	70.0	60.8	47.8	46.0M	58.1*
1959	40.6	37.9	45.5	54.7	64.3	77.1	81.0	75.3	70.5	59.2	48.9	43.4	58.2
1960	33.7	34.0	47.2	56.4	63.7M	77.6	83.6	82.6	75.8	58.0	49.5	37.4	58.3*
1961	41.4	41.5	43.7	55.2	67.0	80.8	81.8	77.9	66.4	59.1	43.4	34.2	57.7
1962	35.6	38.5	41.2	60.7	65.2	75.7	80.0	81.3	72.3	61.8	51.0	42.9	58.9
1963	29.8	42.6	45.3	56.1	70.3	75.5	83.5	76.5	74.5	65.9	49.8	39.8	59.1
1964	35.5	35.6	41.2	51.0	65.3	76.0	82.1	76.6	69.4	67.5	46.1	35.4	56.8
1965	37.2	38.6	40.5	52.9	61.7	70.5M	79.7	76.5M	66.6	66.3	50.4	39.3	56.7*
1966	34.5	34.3	50.3	58.8	69.6	76.7M	84.2M	80.1M	72.8M	63.2M	52.3	37.3M	59.5*
1967	36.0	42.9	53.2	56.6M	66.3M	73.0M	83.3M		72.4M		53.4M	33.5M	
1968	37.3M	43.1M	46.9M	51.4M	64.4M	77.9M	80.0M	74.3M	72.4M	63.8M	44.3M	37.1	57.7*
1969	38.5	39.0	40.3	59.0M	69.0	70.9M	81.6M	80.9M	71.3M	53.0M	45.8	37.9M	57.3*
1970	37.1	46.4	41.2M	49.7	68.2	73.9M	81.5M	80.8M	68.1M	54.4	47.9	37.5	57.2*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.9	12.5	19.3	26.8	32.7	34.9	46.2	45.6	34.6	28.9	18.0	7.9	26.5
1952	9.0	8.2	13.1	28.6	33.9	40.2	46.6	45.6	39.0	27.5	12.6	6.1M	25.9*
1953	9.3	7.5	17.9	21.2	27.3M	38.3	47.0	43.0	35.8	27.6	18.9	2.8M	24.7*
1954	9.4	15.2	14.9M	24.6	30.6	35.3M	46.0	41.9	41.5	33.2	20.9	10.3	27.0*
1955	6.7	1.8	14.3	23.4	30.7	35.6M	44.3	47.3M	37.4M	30.0	17.5	14.3	25.3*
1956	19.4	6.0	17.9	24.4M	32.2M	42.4	46.0	42.7M	39.7	30.4	14.4M	8.9	27.0*
1957	14.6M		20.9M	25.8	34.4		49.2	47.8M	36.4	32.8	15.8	14.1	
1958	9.3	15.4	13.2	23.9	36.1	42.2M	44.6	48.4	42.0	31.6	21.6	17.1M	28.8*
1959	11.9	11.9	17.6	27.1	33.1	43.5	47.2	48.2	36.9	29.5	18.5	13.8	28.3
1960	4.4	2.8	18.9	26.8	31.9	42.0	48.2	47.3	43.2	31.0	21.1	11.2	27.4
1961	7.5	13.2	20.0	24.9	34.4	43.8	47.7	48.9	36.0	27.9	18.9	5.4	27.4
1962	6.6	15.9	13.5	28.8	32.0	41.8	48.0	46.1	42.6	33.9	25.0	15.6	29.2
1963	1.4	16.1	19.5	24.9	36.6	38.9	51.0	50.4	44.9	36.9	22.5	10.8	29.5
1964	6.9	5.2	13.2	23.5	33.6	38.6	50.8	46.7	40.6	30.1	17.4	9.4	26.3
1965	11.7	8.6	15.0	26.7	31.8	38.6M	49.5	45.8M	38.0	30.8	25.7	14.4	28.1*
1966	4.5	4.7	20.0	26.1	33.6	39.7M	51.3M	47.3M	40.7M	29.8M	23.1	11.6M	27.7*
1967	7.7	14.9	24.5	20.8M	30.6M	38.4M	49.9M	45.3M	40.4M		20.8M	4.4M	
1968	5.9M	15.6M	13.0M	22.9M	30.2M	39.8M	49.3M	42.8M	35.8M	30.3M	19.5M	6.5M	26.4*
1969	12.5	9.2M	12.4	28.0M	36.3	38.9M	50.2M	49.0M	41.9M	27.1M	19.1	16.9	28.5*
1970	11.5	18.6	17.7M	20.5	32.3	40.6M	48.9M	49.6M	36.3M	25.1	18.7	11.5	27.6*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.9	26.6	31.4	39.9	48.3	53.5	63.4	60.0	53.1	43.1	30.7	20.7	41.2
1952	21.8	22.9	26.3	42.2	50.1	57.9	63.5	62.3	56.0	47.3	27.8	21.1M	41.6*
1953	25.8	23.4	32.6	37.6	44.0M	57.8	63.9	59.8	55.0	44.1	34.4	19.3M	41.5*
1954	24.9	32.1	29.6M	43.7	49.3	55.1M	62.9	59.3	56.7	48.5	37.6	24.9	43.7*
1955	20.2	17.6	29.8	38.9	46.9	54.3M	61.4	62.7M	55.5M	47.4	31.9	27.4	41.2*
1956	31.0	21.4	33.4	40.2M	50.2M	60.7	62.6	59.5M	58.2	46.3M	29.7M	24.6	43.2*
1957	24.9M		32.6M	37.8	45.9		62.0	60.4M	52.8	43.5	27.7	26.9	
1958	23.8	28.8	26.1	37.4M	51.8	59.2M	61.8	64.1	56.0	46.2	34.7	31.6M	43.5*
1959	26.3	24.9	31.6	40.9	48.7	60.3	64.1	61.8	53.7	44.4	33.7	28.6	43.3
1960	19.1	18.4	33.1	41.8	47.8M	59.8	65.9	65.0	59.5	44.5	35.3	24.3	42.9*
1961	24.5	27.4	31.9	40.1	50.7	62.3	64.8	63.4	51.2	43.5	31.2	19.8	42.6
1962	21.1	27.2	27.4	44.8	48.6	58.8	64.0	63.7	57.5	47.9	38.0	29.3	44.0
1963	15.6	29.4	32.4	40.5	53.5	57.2	67.3	63.5	59.7	51.4	36.2	25.3	44.3
1964	21.2	20.4	27.2	37.3	49.5	57.3	66.5	61.7	55.0	48.8	31.8	22.4	41.6
1965	24.5	23.6	27.8	39.8	46.8	54.6M	64.6	61.2M	52.3	48.6	38.1	26.9	42.4*
1966	19.5	19.5	35.2	42.5	51.6	58.2M	67.8M	63.7M	56.8M	46.5M	37.7	24.5M	43.6*
1967	21.9	28.9	38.9	38.7M	48.5M	55.7M	66.6M		56.4M		37.1M	19.0M	
1968	21.6M	29.4M	32.5M	37.2M	47.3M	58.9M	64.7M	58.6M	54.1M	47.1M	32.1M	21.8M	42.1*
1969	25.5	24.1M	26.4	43.5M	52.7	54.9M	65.9M	65.0M	56.6M	40.1M	32.5	27.4M	42.9*
1970	24.3	32.5	29.5M	35.1	50.3	57.3M	65.2M	65.2M	52.2M	39.8	33.3	24.5	42.4*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FORT LUPTON

05 3027 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEARS				EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	43.0	12.8	28.0	70.	1956	5	-27.	1963	12	0.0	6.3	30.4	5.3	.41	.48	1960	17	6.1	13.	1962	10	1.3	0.0	0.0
FEB	46.5	16.7	31.6	76.	1954	8	-37.	1951	1	0.0	3.5	27.2	2.4	.44	.50	1951	13	5.7	9.	1965	15	1.8	0.0	0.0
MAR	51.8	21.7	36.8	81.	1963	28	-13.	1960	3	0.0	2.6	28.2	1.1	.86	1.00	1959	25		9.	1959	25	3.0	.4	.1
APR	64.1	31.9	48.1	87.	1955	26	6.	1953	12	0.0	.2	16.4	0.0	1.06	2.20	1967	13	1.7	8.	1964	3	3.2	.3	.1
MAY	72.3	41.9	58.1	95.	1954	20	19.	1954	2	1.0	0.0	2.8	0.0	2.15	2.05	1961	13	0.0	0.	0	0	4.9	1.4	.6
JUN	83.6	50.3	67.0	108.	1954	23	30.	1951	4	9.4	0.0	.2	0.0	1.53	1.83	1970	11	0.0	0.	0	0	4.6	.8	.4
JUL	90.4	56.2	73.3	107.	1954	11	41.	1965	31	18.7	0.0	0.0	0.0	1.25	1.50	1965	24	0.0	0.	0	0	3.4	.5	.3
AUG	87.7	54.0	70.8	102.	1954	3	37.	1964	30	12.4	0.0	0.0	0.0	1.23	1.48	1951	3	0.0	0.	0	0	3.0	.6	0.0
SEP	79.9	44.0	62.0	103.	1952	4	26.	1962	10	4.3	0.0	1.0	0.0	1.14	2.20	1955	19	0.0	0.	0	0	2.5	.9	.2
OCT	68.1	33.2	50.7	92.	1953	1	-1.	1969	14	0.0	.1	14.5	.1	.87	1.34	1951	5	.6	11.	1969	13	2.5	.6	0.0
NOV	53.0	22.1	37.5	78.	1953	2	-12.	1952	28	0.0	2.1	27.3	.5	.43	.48	1956	19	2.9	10.	1956	20	1.5	0.0	0.0
DEC	44.2	14.9	29.5	72.	1955	23	-18.	1967	31	0.0	5.4	30.6	3.1	.34	.61	1958	12	3.1	6.	1958	12	1.1	.1	0.0
ANNUAL	65.9	33.6	49.8							46.	20.	179.	12.	11.7								33.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.12	.16	.41	0.00	.09	.17	0.00	.04	0.00	0.00	6.59
.10	.04	.11	.19	.25	.60	.23	.18	.27	.00	.09	.09	.06	7.53
.20	.10	.19	.32	.41	.92	.49	.34	.45	.00	.19	.17	.12	8.78
.30	.17	.26	.43	.54	1.21	.72	.51	.62	.00	.30	.23	.17	9.77
.40	.23	.32	.56	.70	1.50	.97	.70	.80	.00	.43	.30	.23	10.67
.50	.31	.39	.70	.87	1.82	1.23	.92	.99	.00	.59	.37	.26	11.56
.60	.39	.46	.86	1.06	2.18	1.53	1.19	1.22	1.13	.79	.44	.34	12.49
.70	.50	.55	1.05	1.30	2.62	1.90	1.52	1.50	1.44	1.04	.53	.42	13.55
.80	.65	.66	1.32	1.61	3.19	2.40	1.98	1.87	1.86	1.40	.66	.53	14.87
.90	.90	.84	1.75	2.12	4.12	3.21	2.76	2.49	2.54	2.01	.85	.70	16.82
.95	1.14	1.01	2.17	2.62	5.00	4.00	3.53	3.08	3.21	2.63	1.03	.87	18.55
ALPHA	1.35	2.53	1.68	1.78	2.11	1.66	1.19	1.68	1.49	.97	2.16	1.79	10.54
BETA	.32	.18	.51	.60	1.01	.97	1.05	.73	.85	.90	.21	.20	1.13
Q	.05	.05	0.00	0.00	0.00	.05	0.00	0.00	.10	0.00	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.56	.50	.52	1.20	.97	1.11	2.20	3.00	.83	1.89	.17	.84	14.19
1952	.00	.280	.87	1.66	2.48	T	.10	1.17	.12	.32	1.11	.11	8.22*
1953	.43	.49	.81	1.04	1.93	.15	1.69	1.25	.03	.12	.70	.37	8.98
1954	.39	.05	.41	.40	.84	.35	2.14	1.00	.97	.55	.36	.28	7.74
1955	.16	.58	.45	.09	1.73	1.27	1.63	2.86	3.17	.88	.38	.20	13.40
1956	.39	.81	.80	.92	.72	.31	1.29	1.44	T	.39	.88	T	
1957						1.05	.75	2.27	.77	1.11	.10	T	
1958	.40	.26	1.36	1.52	4.95	1.30	2.15	.32	1.06	.38	.25	.75	14.70
1959	.79	1.06	2.53	1.22	2.38	.41	.17	.89	2.03	2.21	.03	.06	13.78
1960	.82	1.10	.55	1.42	3.20	.68	.63	.15	.36	1.88	.52	1.08	12.39
1961	.05	.29	3.17	.52	4.46	1.63	.74	1.54	3.14	.75	.55	.28	17.12
1962	1.14	.57	.32	.62	1.19	1.21	1.17	.18	.14	.07	.37	.10	7.08
1963	.44	.25	1.06	.07	.25	2.55	.03	2.51	1.12	.05	.20	.26	8.79
1964	.07	.27	.54	.72	2.04	1.25	.64	.31	.78	.03	.41	.22	7.28
1965	.56	.49	.32	.67	2.65	4.10	3.73	.29	2.04	.34	.00	.28	15.47
1966	.05	.46	.08	1.31	.73	1.43	.58	.37	2.13	.64	.22	.48	8.48
1967	.49	.21	.36	3.49	4.62	3.93	2.95	.96	.31	.60	.55	.55	19.02
1968	.28	.53	.46	1.33	1.65	1.18	.20	1.74	.35	.45	.77	.31	9.25
1969	.25	.17	.33	1.44	3.34	2.68	.66	1.28	1.15	3.83	.52	.05	15.70
1970	.03	T	1.45	.54	.65	3.99	1.59	1.01	2.35	.84	.49	.24	13.18

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.1	4.4	5.4	6.5	.0	.0	
51-52	.0	.0	.0	.0	3.0		.0			.0	T	.0	
52-53	.0	.0	.0	.0	4.5		7.5	6.5	1.5	9.0	.0	.0	
53-54	.0	.0	.0	.0								.0	
54-55	.0	.0	.0	.0		6.0				.0	.0	.0	
55-56	.0	.0	.0	.0						.0	.0	.0	
56-57	.0	.0	.0	.0	14.2					.0	.0	.0	
57-58	.0	.0	.0	1.0	T	T		3.5		3.1	.0	.0	
58-59	.0	.0	.0	T	4.0		9.6				.0	.0	
59-60	.0	.0	.0	4.0	T	2.0	8.3	15.0			.0	.0	
60-61	.0	.0	.0	.0				6.5		T		.0	
61-62	.0	.0	.0	6.0				9.3		2.5	.0	.0	
62-63	.0	.0	.0	.0	1.0	1.0		4.0		T	.0	.0	
63-64	.0	.0	.0	.0							.0	.0	
64-65	.0	.0	.0	.0			8.5			.0	.0	.0	
65-66	.0	.0	T	.0	.0	9.0					T	.0	
66-67	.0	.0	.0	T	2.5					.0	T	.0	
67-68	.0	.0	.0	.0					.5	1.0	.0	.0	
68-69	.0	.0	.0	.0		3.0	2.0	2.0		.0	.0	.0	
69-70	.0	.0	.0			.5	.8	T			.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.2	47.1	51.1	60.4		77.5M	90.9	86.8M	80.3M	65.0	51.8M	42.0M	
1952	46.1M		49.6M	64.4M	74.3M	92.2M	93.0	91.2M	86.8M	73.8M	46.0M	43.0M	
1953	54.0M	50.2M	60.8M	59.2	70.4M	89.4M	92.1	88.6M	88.1M	72.2M	58.0M	44.7M	69.0*
1954	49.2	62.1	50.6M	74.5	74.9M	90.1M	96.4	92.0M	84.5M	69.8	59.4	49.0	71.0*
1955	37.2M	40.0M	54.6	70.4M	75.9M	81.6M	95.2M	89.8	81.4M	71.8M	48.8M	46.9M	66.1*
1956	47.0M	40.4	57.1	65.1M	79.1M	94.3	91.1M	86.7	86.1	72.1	49.9		
1957						83.0	89.7	86.5	76.9	64.0	49.5	53.7	
1958	45.2	50.6	44.6	60.1	77.9	84.3	85.8	88.2	80.9	70.0M	56.4	43.5	65.6*
1959	40.1	39.4	51.0	61.2M	71.7	86.7	89.4	89.0M	76.5	62.4	53.9	49.9	64.3*
1960	39.4	37.0	52.0	67.7	73.5	84.9	89.1	83.1	81.0	67.4	54.3	38.3	64.5
1961	44.1	50.6	52.7	62.7	72.0	82.1	87.0	84.9	70.9	67.3	47.8	39.1	63.4
1962	20.0	45.2	49.5	67.1	77.0	82.6	88.9	91.1	81.1	72.2	57.7	49.8	66.0
1963	34.2	53.0	52.3	67.1	78.7	86.5	93.5	83.8	83.2	75.1	57.7	44.0	67.4
1964	47.1	43.1	49.6	63.0	78.2M	83.2M	95.1	87.0	80.5	72.0	53.8	45.8	66.5*
1965	48.1	41.6	43.2	66.8	73.4	78.9	87.7	85.9	69.8	72.7	59.4	47.1	64.6
1966	41.5	41.9	59.9	60.5	76.9	82.2	92.6	85.6	77.8	66.4	50.9	39.5	64.6
1967	43.9	49.5	59.1	65.0	65.7	73.2	84.2	84.4	77.0	68.3	52.1	35.0	63.1
1968	40.9	45.9	57.1	57.6	69.0	84.8	87.7	84.1	79.2	68.2	47.0	41.0	63.5
1969	44.5	46.4	45.1	66.9	73.0	74.7	89.8	90.1	80.0	50.8	52.2	43.2	63.1
1970	44.4M	53.9	45.2	58.2	76.0M	80.3	87.9	88.9	76.1	59.6	52.7	43.4	63.9*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.5	15.7	19.6	29.7		44.3M	53.5	53.0M	43.0	32.1	20.0M	12.4M	
1952	15.3M		18.6M	32.2M	41.8M	53.0M	54.1M	54.2M	45.7M	34.2M	17.5M	17.9M	
1953	23.4M	18.8M	27.8M	30.0	39.9M	52.5M	59.4	54.8M	45.2M	36.0M	27.6M	18.0M	36.1*
1954	19.8	26.0	20.7M	36.3	40.9M	51.1M	61.7	55.7M	47.0M	33.4	23.7	17.2	36.1*
1955	9.9M	12.6M	23.0	32.8M	43.4M	47.5M	56.9M	56.4	44.6M	33.0M	17.9M	17.5M	33.0*
1956	17.3M	9.9	22.4	30.1M	43.0M	51.9	56.1M	51.6	40.3	31.9	20.8		
1957						51.6	58.4M	57.4	44.1	39.5	24.7	22.3	
1958	14.9	23.4	22.7M	32.5	47.7	53.8	56.4	56.8	48.2	36.5M	25.1	21.2	36.6*
1959	15.2	15.1	23.9		42.4	54.3	55.4	55.6M	45.1	32.8	21.5	18.9	
1960	12.2	14.0	24.4	35.7	42.7	53.4	56.8	56.2	46.6	36.1	22.9	12.4	34.5
1961	14.2	21.0	26.7	32.8	44.7	51.6	56.1	57.9	43.3	33.9	22.7	13.3	34.9
1962	.2	18.1	20.7	34.7	41.3	48.4	52.5	50.2	42.9	33.7	24.2	14.1	31.8
1963	.3	22.0	21.5	32.8	42.4	50.5	55.7	54.9	44.0	37.4	21.4	9.6	33.0
1964	13.7	12.1	19.0	30.6	41.4	49.0	55.4	50.2	41.6	31.0	22.3	15.8	31.8
1965	16.0	10.6	13.6	34.6	40.9	50.1	55.0	51.8	40.3	34.3	24.6	13.8	32.1
1966	8.5	9.3	21.9	28.4	40.2	47.4	57.1	50.2	44.5	28.4	20.2	10.9	30.6
1967	13.9	16.6	24.8	31.5	38.6	48.3	55.9	49.8	42.9	33.1	19.5	7.5	31.9
1968	11.8	18.5	23.2	27.2	39.2	50.4	55.5	52.0	38.6	31.5	19.9	11.2	31.6
1969	16.8	18.9	18.1	34.4	42.8	48.6	57.0	55.6	46.0	26.5	21.3	15.6	33.5
1970	11.1M	17.5	19.0	27.4	40.5M	49.0	55.7	55.0	41.5	29.6	23.7	13.0	31.9*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.9	31.4	35.4	45.1		60.9M	72.2	69.9M	61.7M	48.6	35.5M	27.2M	
1952	30.7M		34.1M	48.3M	58.1M	72.6M	73.6M	72.7M	66.3M	54.0M	31.8M	30.5M	
1953	38.7M	34.5M	44.3M	44.6	55.2M	71.0M	75.8	71.7M	66.7M	54.1M	42.8M	31.4M	52.6*
1954	34.5	44.1	35.7M	55.4	57.9M	70.6M	79.1	73.9M	65.8M	51.6	41.6	33.1	53.6*
1955	23.6M	26.3M	38.8	51.6M	59.7M	64.6M	76.1M	73.1	63.0M	52.4M	33.4M	32.2M	49.6*
1956	32.2M	25.2	39.8	47.6M	61.1M	73.1	73.6M	69.2	63.2	52.0	35.4		
1957						67.3	74.1M	72.0	60.5	51.8	37.1	38.0	
1958	30.1	37.0	33.7M	46.3	62.8	69.1	71.1	72.5	64.6	53.3M	40.8	32.4	51.1*
1959	27.7	27.3	37.5		57.1	70.5	72.4	72.3M	60.8	47.6	37.7	34.4	
1960	25.8	25.5	38.2	51.7	58.1	69.2	73.0	72.7	63.8	51.8	38.6	25.4	49.5
1961	29.2	35.8	39.7	47.8	58.4	66.9	71.6	71.4	57.1	50.6	35.3	26.2	49.2
1962	15.1	31.7	35.1	50.9	59.2	65.5	70.7	70.7	62.0	53.0	41.0	32.0	48.9
1963	17.3	37.5	36.9	50.0	60.6	68.5	74.6	69.4	65.6	56.3	39.6	26.8	50.3
1964	30.4	27.6	34.3	46.8	55.8M	66.1M	75.3	68.6	61.1	51.5	38.1	30.8	49.2*
1965	32.1	26.1	28.4	50.7	57.2	64.5	71.4	68.9	55.1	53.5	42.0	30.5	48.4
1966	25.0	25.6	40.9	44.5	58.6	64.8	74.9	67.5	61.2	47.4	35.6	25.2	47.6
1967	28.9	33.1	42.0	48.3	52.2	60.8	70.1	67.1	60.0	50.7	35.8	21.3	47.5
1968	26.4	32.2	40.2	42.4	54.1	67.6	71.6	68.1	58.9	49.9	33.5	26.1	47.6
1969	30.7	32.7	31.6	50.7	57.9	61.7	73.4	72.9	63.0	38.7	36.8	29.4	48.3
1970	27.8M	35.7	32.1	42.8	58.3M	64.7	71.8	72.0	58.8	44.6	38.2	28.2	47.9*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

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CLIMATOLOGY REPORT NO. 77-1

FORT MORGAN

05 3038 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	59.6	9.6	24.6	70.	1970	28	-30.	1962	11	0.0	8.5	31.0	6.7	.27	.52	1953	14	5.0	11.	1962	20	.9	0.0	0.0	
FEB	44.9	15.8	31.4	75.	1962	12	-41.	1951	1	0.0	4.4	26.6	2.1	.24	.45	1953	20	3.1	2.	1968	21	.5	0.0	0.0	
MAR	49.8	22.0	35.9	85.	1963	29	-22.	1960	3	0.0	4.0	28.1	.8	.53	.56	1961	28	6.2	7.	1959	26	1.4	.1	0.0	
APR	61.7	33.3	47.5	86.	1960	22	1.	1957	8	0.0	.5	13.0	0.0	1.07	1.18	1970	18	1.8	12.	1957	3	2.7	.5	.1	
MAY	72.4	44.5	58.5	94.	1969	28	23.	1954	2	1.4	0.0	1.6	0.0	2.53	2.42	1955	26	.4	1.	1968	7	5.2	1.8	.4	
JUN	82.6	53.4	68.0	104.	1952	16	33.	1954	3	8.1	0.0	0.0	0.0	2.11	2.13	1966	8	0.0	0.	0	0	4.0	1.5	.5	
JUL	85.7	59.3	74.5	105.	1954	12	42.	1952	7	17.9	0.0	0.0	0.0	2.09	4.60	1956	31	0.0	0.	0	0	3.6	1.4	.5	
AUG	87.1	56.7	71.9	104.	1970	3	40.	1964	28	13.0	0.0	0.0	0.0	1.36	1.73	1954	5	0.0	0.	0	0	3.2	.9	.2	
SEP	78.3	46.2	62.3	97.	1960	5	27.	1961	25	3.5	0.0	.8	0.0	1.07	1.15	1966	2	.1	0.	0	0	2.7	.9	.1	
OCT	67.0	34.3	50.7	90.	1967	4	5.	1969	15	0.0	.2	12.4	0.0	.79	1.18	1965	20	1.4	3.	1966	14	1.9	.6	.1	
NOV	51.2	27.6	36.4	75.	1967	16	-18.	1955	16	0.0	2.5	28.4	.8	.35	.54	1952	16	3.1	3.	1953	4	1.1	0.0	0.0	
DEC	42.2	13.5	27.9	72.	1964	24	-20.	1968	31	0.0	6.0	30.8	2.7	.24	.39	1956	15	1.6	4.	1958	13	.8	0.0	0.0	
ANNUAL	63.9	34.2	49.1							44.	26.	173.	13.	12.7				23.				28.	8.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.09	.12	.55	.33	.34	.21	.17	.09	0.00	.05	8.89
.10	.04	0.00	.14	.20	.78	.51	.52	.33	.26	.15	0.00	.07	9.62
.20	.09	.06	.22	.35	1.15	.82	.83	.52	.41	.26	.11	.11	10.55
.30	.13	.10	.29	.50	1.48	1.11	1.11	.71	.56	.37	.17	.14	11.26
.40	.17	.14	.36	.64	1.82	1.41	1.41	.91	.71	.49	.23	.17	11.89
.50	.22	.19	.44	.84	2.18	1.74	1.73	1.12	.88	.62	.30	.21	12.50
.60	.27	.24	.53	1.05	2.59	2.12	2.10	1.37	1.07	.74	.37	.25	13.14
.70	.34	.30	.64	1.31	3.07	2.58	2.55	1.67	1.31	.97	.45	.29	13.84
.80	.42	.39	.79	1.57	3.71	3.20	3.15	2.07	1.62	1.23	.56	.36	14.68
.90	.52	.54	1.03	1.85	4.73	4.21	4.11	2.72	2.13	1.65	.74	.46	15.92
.95	.70	.67	1.26	2.82	5.70	5.18	5.04	3.35	2.62	2.07	.91	.55	16.99
ALPHA	1.69	1.52	1.98	1.47	2.36	1.81	1.89	1.79	1.81	1.48	1.94	2.25	26.23
BETA	.17	.18	.27	.73	1.07	1.17	1.11	.76	.59	.53	.20	.11	.48
Q	.65	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.10	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.61	.54	.10	2.41	1.99	1.93	2.10	.63	1.50	1.50	.15	.23	13.69
1952	.16	.30	.62	1.50	3.92	.05	.37	1.63	.56	.24	.95	.45	10.75
1953	.36	.81	.52	1.89	1.59	2.30	3.21	1.94	.12	.60	.87	.30	14.51
1954	.21	T	.44	.42	1.51	.36	2.61	3.06	1.77	.28	.16	.15	10.97
1955	.20	.34	.16	.03	3.65	2.60	1.97	1.36	2.06	.33	.59	.08	13.37
1956	.46	.24	.63	.37	.59	2.78	6.70	1.36	.31	.26	1.18	.50	15.38
1957	.13	T	.53	2.56	4.50	1.97	2.02	2.09	.27	.50	.45	.02	15.04
1958	.21	.32	1.41	2.10	2.17	4.04	1.97	.53	1.88	.34	.22	.35	15.54
1959	.54	.36	1.18	.46	4.46	.41	1.02	.55	.99	2.08	T	.04	12.09
1960	.61	.38	.23	.85	2.23	.82	1.49	.21	1.11	1.36	.18	.30	9.77
1961	.03	.02	1.82	1.16	4.06	1.71	2.32	1.15	2.54	.47	.20	.13	15.61
1962	.52	.37	.33	.37	3.79	3.00	3.56	.35	.42	.68	.38	.35	14.12
1963	.50	.15	.30	.21	1.05	2.65	1.21	2.66	1.51	.20	.19	.22	10.85
1964	.00	.16	.31	1.30	1.63	2.54	.40	.76	.75	.25	.09	.17	8.36
1965	.21	.27	.18	.16	1.26	3.33	5.36	1.15	2.00	1.18	T	.56	15.66
1966	.22	.04	.260	1.02	.52	2.67	.70	2.28	1.51	.60	.16	.25	10.23*
1967	.23	.05	.28	1.42	6.53	3.94	1.74	1.10	.39	.11	.17	.24	16.20
1968	.05	.30	.63	1.07	2.00	1.56	.56	2.29	.18	.55	.43	.15	9.77
1969	.11	.14	.22	.85	2.58	1.05	1.87	.07	.64	3.38	.18	.16	11.25
1970	.03	.04	.41	1.34	.54	2.59	.54	2.13	.88	.92	.54	.18	10.14

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T			9.9	6.2	T	6.6	T	.0	
51-52	.0	.0		T	T		.0			T	.0	.0	
52-53	.0	T	.0	.0						3.5	.0	.0	
53-54	.0	.0	.0	.0			3.5	.0				.0	
54-55	.0	.0	.0	.0	3.0	3.0				.0	.0	.0	
55-56	T	.0	.0	T	5.0	2.5	8.0	3.5	8.0	.5	.0	.0	27.5
56-57	.0	.0	.0	.0	19.0		3.0	T			6.0	.0	
57-58	.0	.0	.0	2.0		T	3.0	3.3	14.5		.0	.0	
58-59	.0	.0	.0	.0	7.5		12.0	5.5	10.0	6.0	.0	.0	
59-60	.0	.0	1.0		T	T	9.5	7.3		T	.0	.0	
60-61	.0	.0	.0	.0	2.0					5.0	.0	.0	
61-62	.0	.0	.0	3.0	3.0		12.0		1.5	.0	.0	.0	
62-63	.0	.0	.0	.0	2.5	1.5	3.5	.5		T	.0	.0	
63-64	.0	.0	.0	.0			.0				1.0	.0	
64-65	.0	.0	.0	.0		T		6.0		.0	.0	.0	
65-66	.0	.0	T	.0	T			2.5	3.0	2.0	T	.0	
66-67	.0	.0	.0	5.5	2.0							.0	
67-68	.0	.0	.0	.0			.0					.0	
68-69	.0	.0	.0	.0		5.0		2.0		.0	.0	.0	
69-70	.0	.0	.0	17.0	.0	1.0	T	1.0			.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.5	42.3M	49.8	56.8	72.3	75.6	86.8	86.3	76.1	62.6	50.7	40.3	61.7*
1952	43.3	47.4	45.4	64.3	72.5	90.1	91.1	88.7	82.3	68.7	40.8M	34.7	64.1
1953	44.8	44.9	58.3	55.6	67.6	85.6	90.2	85.7	81.9	69.5	53.6	40.4	64.8
1954	41.0	58.5	48.2	70.3	69.6	86.3	93.0	87.7	82.6	64.3	57.6	43.7	66.9
1955	33.3	37.0	51.2	64.9	74.8	77.5	92.0	89.6	78.5	69.2	44.4	40.4	62.7
1956	43.7	34.7	52.1	60.0	74.7	90.3	86.5	83.3	81.2	71.7	44.7	43.3	63.9
1957	33.0	51.8	49.7	52.6	67.6	80.1	89.1	85.7	75.1	62.7	46.9	51.4	62.1
1958	46.0	47.5	39.8	56.6	76.0	82.0	84.1	89.1	80.0	67.5	51.0	41.5	63.4
1959	36.9	35.6	48.4	58.7	70.8	87.7	89.6	89.8	77.1	61.4	51.0	48.5	63.0
1960	36.8	35.9	48.9	66.0	72.2	84.4	89.4	89.7	80.1	68.1	54.1	40.1	63.8
1961	43.7	51.0	49.7	58.4	69.8	83.6	88.3	87.1	71.5	65.8	47.1	39.2	62.9
1962	28.0	43.5M	48.7	65.5	75.4	80.6	87.5	88.5	77.8	69.8	55.0	44.6	63.7*
1963	26.2	50.7	53.6	66.9	78.0	86.0	93.4	85.8	80.9	75.1	55.6	37.8	65.8
1964	44.3	40.8	45.4	60.6	74.4	81.3	94.2	86.5	79.8	71.4	53.5	43.2	64.6
1965	47.4	41.3	40.7	66.2	72.1	79.0	88.5	83.9	66.3	71.6	58.6	44.6	63.4
1966	35.0	37.6	59.8	60.9	76.1	81.9	92.9	85.5	79.9	68.3	51.9	40.9	64.2
1967	42.9	47.8	59.3	65.9	66.0	76.0	86.6	85.3	76.4	69.9	53.1	37.5	63.9
1968	40.4	47.5	56.5	58.0	67.7	85.7	88.2	83.4	79.1	69.5	50.0	40.8	63.8
1969	41.5	48.3	44.3	67.9	74.3	76.3	90.2	90.0	82.0	52.8	53.5	45.3	63.9
1970	44.3	54.1	46.6	57.3	76.8	82.2	91.5	91.2	76.6	60.8	50.5	45.7	64.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.9	14.0M	19.7	31.2	44.1	48.7	58.5	56.5	44.3	34.1	19.2	10.5	32.6*
1952	13.8	16.8	20.5	35.0	45.3	57.4	57.8	57.1	47.9	31.7	15.0	10.1	34.0
1953	16.5	17.8	27.6	29.7	42.4	55.7	60.1	53.0	46.9	37.0	25.6	12.7	35.4
1954	12.5	23.6	20.5	35.8	43.3	52.9	61.3	57.1	47.1	34.2	23.6	13.1	35.4
1955	4.5	9.4	19.0	33.7	44.8	52.0	61.5	60.2	48.1	35.4	17.9	15.2	33.5
1956	15.2	7.6	21.7	30.6	46.3	57.5	58.4	55.4	45.7	35.5	19.1	17.7	34.2
1957	6.4	21.8	24.1	31.3	42.2	51.9	58.9	57.7	43.3	38.6	20.6	17.5	34.5
1958	10.5	18.9	20.1	33.1	49.4	54.7	56.6	57.9	48.9	34.8	20.8	17.3	35.2
1959	9.3	12.6	25.0M	30.7	45.2	56.5	56.6	58.4	44.9	33.1	18.5	17.3	34.0*
1960	6.7	11.9	20.6	35.8	43.2	52.9	56.8	54.9	46.7	35.7	22.3	13.0	33.4
1961	9.2	17.9	25.1	31.9	42.3	52.7	56.7	57.3	42.8	32.4	20.0	8.9	33.1
1962	- 3.0	15.1	20.1	35.6	44.4	52.0	57.9	54.2	47.0	36.4	25.1	15.6	33.4
1963	- 2.3	21.8	25.4	36.2	47.8	55.9	60.5	59.5	53.2	41.2	23.8	9.0	36.0
1964	13.0	11.9	18.5	33.5	45.3	48.8	60.6	54.5	45.1	32.9	23.1	12.3	33.3
1965	15.4	9.9	14.6	36.6	44.4	53.2	59.4	55.1	41.7	37.5	27.0	16.1	34.2
1966	5.7	10.8	26.5	32.0	43.6	53.0	63.2	55.0	48.5	30.5	23.4	13.5	33.8
1967	13.1	18.4	26.2	34.8	41.1	52.2	58.5	53.5	45.1	32.2	19.1	9.0	33.6
1968	8.5	18.2	24.8	29.4	41.5	54.7	59.7	55.0	44.0	33.1	21.9	11.1	33.5
1969	12.6	18.6	18.9	37.5	47.4	51.3	61.1	61.5	50.1	29.0	22.4	18.0	35.7
1970	12.7	19.2	20.4	31.0	46.2	53.1	61.0	60.5	43.3	30.7	23.8	13.2	34.6

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.7	28.2M	34.8	44.0	58.2	62.2	72.7	71.4	60.2	48.4	35.0	25.4	47.2*
1952	28.6	32.1	33.0	49.7	58.9	73.8	74.5	72.9	65.1	50.2	27.9	22.1	49.1
1953	30.7	31.4	43.0	42.7	55.0	70.7	75.2	69.4	64.4	53.3	39.6	26.6	50.2
1954	26.8	41.1	34.4	53.1	56.5	69.6	77.2	72.4	64.9	49.3	40.6	28.4	51.2
1955	18.9	23.2	35.1	49.3	59.8	64.8	76.8	74.9	63.3	52.3	31.2	27.8	48.1
1956	29.5	21.2	36.9	45.3	60.5	73.9	72.5	69.4	63.5	53.6	31.9	30.5	49.1
1957	19.7	36.8	36.9	42.0	54.9	66.0	74.0	71.7	59.2	50.7	33.8	34.5	48.4
1958	28.3	33.2	30.0	44.9	62.7	68.4	70.4	73.5	64.5	51.2	35.9	29.3	49.4
1959	23.1	24.1	36.7M	44.7	58.0	72.1	73.1	74.1	61.0	47.3	34.8	33.1	48.5*
1960	21.8	23.9	34.8	50.9	57.7	68.7	73.1	72.3	63.4	51.9	38.2	26.6	48.6
1961	26.5	34.5	37.4	45.2	56.1	68.2	72.5	72.2	57.2	49.1	33.6	24.1	48.1
1962	12.5	29.3M	34.4	50.6	59.9	66.3	72.7	71.4	62.4	53.1	40.1	30.1	48.6*
1963	12.0	36.3	39.5	51.6	62.9	71.0	77.0	72.7	67.1	58.2	39.7	23.4	51.0
1964	28.7	26.4	32.0	47.1	59.9	65.1	77.4	70.5	62.5	52.2	38.3	27.8	49.0
1965	31.4	25.6	27.7	51.4	58.3	66.1	74.0	69.5	54.0	54.6	42.8	30.4	48.8
1966	20.4	24.2	42.8	46.5	59.9	67.5	78.1	70.3	64.2	49.4	37.7	27.2	49.0
1967	28.0	33.1	42.8	50.4	53.6	64.1	72.6	69.4	60.8	51.1	36.1	23.3	48.8
1968	24.5	32.9	40.7	43.7	54.6	70.2	74.0	69.2	61.6	51.3	36.0	25.6	48.7
1969	27.1	33.5	31.6	52.7	60.9	63.8	75.7	75.8	66.1	40.9	36.0	32.0	49.8
1970	28.5	36.7	33.5	44.2	61.5	67.7	76.3	75.9	60.0	45.8	37.2	29.5	49.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FOUNTAIN 2NW

05 3063 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)													
	YEAR'S		EXTREMES				MEAN NO OF DAYS								SNOW, SLEET		MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN																								
FEB																								
MAR																								
APR																								
MAY																								
JUN																								
JUL																								
AUG																								
SEP																								
OCT																								
NOV																								
DEC																								
ANNUAL																								

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.20	.03	.12	.33	.23	1.04	.71	1.77	1.19	.48	.00	.17	.04	10.94
0.30	.07	.17	.46	.44	1.32	.94	2.04	1.19	.63	.31	.24	.08	12.39
0.40	.12	.21	.56	.67	1.61	1.26	2.30	1.78	.78	.51	.32	.13	13.14
0.50	.18	.26	.71	.92	1.91	1.57	2.56	2.08	.94	.71	.40	.18	14.16
0.60	.25	.32	.86	1.22	2.25	1.93	2.82	2.42	1.11	.94	.50	.24	15.24
0.70	.33	.38	1.03	1.59	2.66	2.37	3.05	2.82	1.31	1.20	.62	.32	16.46
0.80	.45	.47	1.26	1.11	3.19	2.96	3.38	3.18	1.57	1.56	.77	.43	17.96
0.90	.66	.61	1.62	2.08	4.04	3.93	4.15	4.15	1.98	2.13	1.02	.61	20.19
0.95	.86	.75	1.97	3.83	4.84	4.86	4.70	4.91	2.37	2.67	1.26	.79	22.16
ALPHA	1.14	2.09	2.25	1.23	2.54	1.68	6.17	2.99	2.72	1.74	1.78	1.16	11.86
BETA	.28	.15	.39	1.15	.86	1.15	.44	.78	.41	.66	.29	.25	1.23
Q	.15	.05	.05	.10	0.00	0.00	0.00	0.00	.05	.20	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.70	.30	.64	.60	2.17	1.38	.97	2.77	.93	1.70	.67	.07	12.90
1952	.01	.12	.96	1.73	2.32	1.00	1.09	5.39	.38	T	.59	.19	13.78
1953	.00	.02	.33	1.69	1.27	.78	1.82	1.01	.00	.89	.51	.17	8.49
1954	.17	T	.61	.18	3.71	1.98	2.13	2.19	.79	.42	.29	.25	12.72
1955	.18	.37	.32	.06	5.50	.38	1.25	3.79	1.36	.00	.19	.65	13.45
1956	.57	.18	.63	2.06	1.55	1.15	3.36	2.10	.10	.00	.50	.32	12.92
1957	.80	.74	.71	6.25	4.74	2.09	2.61	2.42	1.13	1.86	1.76	.02	25.13
1958	.03	.30	1.27	1.07	3.83	2.09	2.59	1.65	.97	.89	.18	.26	15.13
1959	.46	.56	1.06	1.77	2.36	1.06	2.16	2.13	2.75	2.92	.02	.00	17.27
1960	.21	.54	.66	.23	2.20	.94	2.51	1.19	.76	1.59	.38	.78	11.99
1961	.13	.62	1.57	.91	1.09	3.33	3.22	2.17	1.63	.55	.42	.42	16.06
1962	.35	.26	1.17	.32	.37	3.42	3.91	.30	.44	.80	1.00	.02	12.36
1963	.28	.16	.49	.00	.96	1.33	2.64	2.13	2.49	.21	.54	.65	12.08
1964	T	.12	1.69	.00	2.03	.74	1.71	.60	1.03	.00	.37	.14	8.43
1965	.00	.65	1.39	3.18	1.45	7.90	4.46	5.32	1.42	.44	T	.40	26.61
1966	.40	.15	.00	1.18	.97	1.14	2.68	2.86	1.46	.28	.18	.03	11.33
1967	.20	.17	.03	1.45	1.81	3.05	4.37	3.06	.91	.91	.38	.45	16.79
1968	.05	.41	.67	.80	1.42	.11	3.26	1.81	.72	.29	1.17	.32	11.03
1969	.07E	.18E	.72E	1.00	3.58	2.17	3.72	2.05	.85	3.44	.34	.42	18.54*
1970	.34	.28	1.64	1.11	.51	2.67	3.55	1.82	.96	1.14	.39	.00	14.41

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							8.0	2.0	5.0	T	.0	T	
51-52	.0	.0	.0	2.0		T	T	T	9.0	T	.0	.0	
52-53	.0	.0	.0	.0			.0	T	T	.1		.0	
53-54	.0	.0	.0	.0		1.0	2.0	T	4.0	.0	3.0	.0	
54-55	.0	.0	.0	T	2.0	3.0		4.1	2.0	T	.0	.0	
55-56	.0	.0	.0	.0	1.6	.5	13.4	3.0	6.0	T	.0	.0	24.5
56-57	.0	.0	.0	.0	5.8	2.5	10.3	1.0	4.8	32.5	.0	.0	56.9
57-58	.0	.0	.0	.0	5.0	.2	.9				.0	.0	
58-59	.0	.0	.0	.0	3.0	2.4	6.9	6.2	3.6	12.5	.0	.0	34.6
59-60	.0	.0	16.0		T	.0	T		7.1	.0	.0	.0	
60-61	.0	.0	.0	.0	1.5	7.8	3.1	6.1	10.2	2.8	.0	.0	31.5
61-62	.0	.0	.0	1.3	2.7	5.6	5.3	3.3	11.8	1.9	.0	.0	32.1
62-63	.0	.0	.0	.0	6.6	T	4.2	1.3	7.1	.0	.0	.0	19.2
63-64	.0	.0	.0	.0	.0	9.8	.0	2.0		.0	.0	.0	
64-65	.0	.0	.0	.0	4.0	2.5	.0	6.4			.0	.0	
65-66	.0	.0	.0	.0	.0	4.0	4.1	2.5	.0	4.8	.0	.0	15.4
66-67	.0	.0	.0	.0	1.8	.3	3.5	2.0	.3	.0	.0	.0	7.9
67-68	.0	.0	.0	.0	T	5.1	.9	2.8	7.5	4.0	.0	.0	20.3
68-69	.0	.0	.0	.0	T	4.0				1.5	.0	.0	
69-70	.0	.0	.0	3.9	3.9	4.4		3.0	17.7	1.5	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

FOWLER 1SE

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
										60 OR ABOVE	52 OR BELOW												52 OR BELOW	0 OR BELOW
JAN												.32	.81	1960	14	5.0	5.	1966	21	1.0	.2	0.0		
FEB												.28	1.01	1960	14	4.2	12.	1960	25	.9	.1	.1		
MAR												.55	1.81	1953	31	5.5	13.	1960	2	1.7	.1	0.0		
APR												.98	2.25	1957	2	1.1	4.	1970	1	2.3	.5	.1		
MAY												1.32	1.39	1958	9	.3	0.	0	0	2.6	.8	.3		
JUN												1.30	1.79	1965	17	0.0	0.	0	0	3.5	.6	.2		
JUL												1.72	3.30	1967	25	0.0	0.	0	0	4.2	1.2	.2		
AUG												1.67	1.86	1955	7	0.0	0.	0	0	3.6	1.0	.4		
SEP												.83	1.43	1969	17	0.0	0.	0	0	2.1	.6	.1		
OCT												.71	1.10	1960	18	.8	6.	1970	8	2.0	.4	.1		
NOV												.38	.45	1957	2	2.7	4.	1962	18	1.1	0.0	0.0		
DEC												.29	.61	1960	11	4.4	6.	1968	22	1.0	.1	0.0		
ANNUAL												10.3				24.				26.	6.	1.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0.00	0.00	0.00	.10	0.00	.22	0.00	.31	.25	0.00	0.00	0.00	0.00	5.94
.05	.03	.04	.15	.08	.33	.00	.46	.39	.13	.00	.00	.00	6.72
.10	.08	.09	.23	.21	.52	.38	.71	.63	.28	.13	.15	.00	7.76
.20	.13	.16	.30	.35	.71	.61	.94	.86	.40	.25	.28	.11	8.51
.30	.18	.21	.38	.51	.89	.83	1.18	1.10	.53	.37	.28	.16	9.31
.40	.23	.26	.46	.70	1.09	1.07	1.44	1.37	.67	.51	.34	.24	10.04
.50	.28	.32	.55	.92	1.33	1.33	1.74	1.67	.83	.68	.40	.30	10.80
.60	.33	.37	.62	1.20	1.61	1.65	2.09	2.04	1.03	.89	.48	.38	11.66
.70	.39	.43	.77	1.59	1.99	2.07	2.57	2.53	1.29	1.18	.58	.48	12.73
.80	.45	.49	.82	2.25	2.60	2.75	3.33	3.14	1.72	1.66	.74	.64	14.30
.90	.51	.55	1.07	2.95	3.30	3.40	4.07	4.12	2.13	2.13	.88	.79	15.70
ALPHA	1.30	1.12	1.99	1.14	1.89	1.87	2.01	1.76	1.74	1.23	2.69	2.10	11.88
BETA	.26	.28	.28	.90	.70	.77	.85	.95	.50	.64	.16	.17	.87
Q	.05	.10	0.00	.05	0.00	.10	0.00	0.00	.05	.10	.10	.20	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.52	.40	.34	.55	2.06	2.89	.55	1.26	.22	.67	.42	.21	10.09
1952	.21	.03	.57	2.56	1.46	.00	.54	.91	1.32	T	.48	.58	8.66
1953	.09	.16	1.96	.96	1.82	.33	.53	2.24	.12	.63	.62	.52	9.98
1954	.51	.05	.43	.11	1.36	.13	1.40	1.98	.08	.94	.25	.15	7.39
1955	.08	.14	.10	.40	2.58	.70	.27	5.41	.77	.03	.22	.12	10.82
1956	.82	.14	.50	1.06	1.11	.45	.77	.87	.00	.19	.34	.16	6.41
1957	.07	.10	.57	4.17	2.17	2.55	1.35	3.12	.46	1.32	1.21	.00	17.09
1958	.36	.15	.66	1.13	3.10	.57	1.97	1.37	1.15	1.49	.29	.09	12.33
1959	.53	.14	.52	1.40	2.05	.80	.47	1.12	2.00	1.26	T	T	10.69
1960	1.13	1.54	.27	.91	.17	1.98	2.87	.22	.88	2.34	.35	1.23	13.89
1961	.09	.66	.86	.53	.66	1.98	2.66	2.36	.74	.09	.55	.29	11.47
1962	.34	.23	.95	.84	2.06	1.91	2.77	.08	.23	.22	.57	.27	10.47
1963	.30	.20	.50	.00	.42	2.44	1.17	2.23	.88	.00	.83	.39	9.36
1964	.18	.35	.56	.13	.95	T	1.27	2.40	.28	.17	.29	.00	6.58
1965	.16	.68	.55	.61	.98	3.63	3.53	1.69	1.22	.68	.08	.17	13.98
1966	.29	.32	.05	.02	.16	.75	1.13	.84	1.13	.75	.00	.14	5.58
1967	.06	.02	.08	.60	1.26	1.79	5.59	2.72	1.08	.26	.17	.73	14.36
1968	.04	.30	.43	.34	.57	.67	2.07	.66	.52	.37	.31	.29	6.57
1969	T	T	.58	2.05	1.20	1.26	1.32	.87	2.11	1.88	.11	.37	11.75
1970	.14	T	.52	1.21	.22	1.12	2.11	1.00	1.35	.95	.44	T	9.06

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.1	4.0	4.5	T	.0	.0	
51-52	.0	.0	.0		7.0	4.6	3.0	.0	8.5	2.0	.0	.0	
52-53	.0	.0	.0	.0	6.4	3.2	2.6	2.5		2.5	1.0	.0	
53-54	.0	T	.0	.0	8.0	7.5	8.5			.0	3.0	.0	
54-55	.0	.0	.0	.0	1.0	3.0	1.5	3.5	1.5	.0	.0	.0	10.5
55-56	.0	T	.0	T		2.0	10.5	2.0	8.5	1.0	.0	.0	
56-57	.0	.0	.0	.0	2.1	2.0	3.0	.0	5.0		.0	.0	
57-58	.0	.0	.0	.0	4.6	.0	7.0	1.5	5.5		.0	.0	
58-59	.0	.0	.0	.0	7.0	1.5	10.8	2.5	.0	8.0	.0	.0	29.8
59-60	.0	.0	.0		T	T	11.0	20.0	6.0	.0	.0	.0	
60-61	.0	.0	.0	.0	3.0	26.0	1.5	8.5	4.0	.0	.0	.0	43.0
61-62	.0	.0	.0	.0		6.0	6.5	4.5	3.0	1.0	.0	.0	
62-63	.0	.0	.0	.0	4.0	1.5	2.9	1.5	6.5	.0	.0	.0	16.4
63-64	.0	.0	.0	.0	.5	4.0	2.5	7.0	8.0		.0	.0	
64-65	.0	.0	.0	.0	2.0	.0	3.0	12.5	9.5	.0	.0	.0	27.0
65-66	.0	.0	.0	.0	1.0	4.0	5.0	4.0	.5	T	.0	.0	14.5
66-67	.0	.0	.0	.0	.0	2.5	.3	1.5	.0	.0	.0	.0	
67-68	.0	.0	.0	.0	1.0	8.5	.8	5.0	5.5	.5	1.0	.0	22.3
68-69	.0	.0	.0	.0	T	10.0	T	.0	10.3	.0	.0	.0	20.3
69-70	.0	.0	.0	6.5	.5	1.8	3.0	T	10.7	3.0	.0	.0	25.5

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)													
	MEANS			EXTREMES						MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN	28.6	-6.7	11.0	49.	1953	11	-53.	1962	10	0.0	19.9	30.9	20.3	1.76	1.03	1951	29	23.9	47.	1952	1	6.2	.4	0.0
FEB	32.1	-4.7	13.7	55.	1958	21	-49.	1962	28	0.0	14.6	28.2	17.3	1.45	1.04	1955	8	15.6	49.	1957	9	5.2	.3	.1
MAR	36.3	.5	18.4	59.	1953	28	-39.	1962	14	0.0	9.8	30.9	14.9	1.65	.77	1968	14	17.9	45.	1959	16	6.4	.4	0.0
APR	46.2	14.7	32.4	67.	1963	14	-30.	1970	4	0.0	2.8	29.8	3.0	1.83	.80	1957	23	16.3	40.	1952	1	5.6	.6	0.0
MAY	59.1	23.7	41.4	77.	1969	26	-1.	1955	17	0.0	.1	29.2	.1	1.75	2.50	1957	9	4.0	14.	1957	10	5.2	.5	.2
JUN	68.0	29.7	48.6	87.	1954	23	16.	1953	3	0.0	0.0	22.7	0.0	1.75	1.30	1958	5	.5	5.	1970	11	5.5	.8	.1
JUL	74.5	33.8	54.2	85.	1953	8	18.	1968	1	0.0	0.0	13.8	0.0	1.62	1.31	1962	12	0.0	0.	0	0	5.3	.5	.1
AUG	72.0	31.9	52.0	98.	1969	1	15.	1968	24	0.0	0.0	17.4	0.0	1.82	.87	1957	21	0.0	0.	0	0	5.6	.6	0.0
SEP	65.6	22.4	44.0	81.	1960	4	-2.	1959	30	0.0	0.0	27.8	.1	1.81	3.20	1959	27	1.1	13.	1959	27	4.9	1.1	.2
OCT	54.8	14.9	34.8	73.	1958	4	-9.	1951	22	0.0	1.0	30.7	1.1	1.20	1.33	1969	4	8.7	31.	1969	5	3.6	.5	.1
NOV	39.1	4.2	21.7	62.	1954	6	-37.	1957	22	0.0	7.4	30.0	10.9	1.29	.63	1955	15	16.2	22.	1955	18	4.5	.3	0.0
DEC	29.7	-5.4	12.2	50.	1956	3	-44.	1962	26	0.0	18.5	30.9	20.5	1.70	1.26	1966	6	15.1	48.	1951	31	5.1	.5	.1
ANNUAL	55.5	13.2	31.9							0.	74.	323.	88.	19.6				119.				63.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.47	.50	.69	.78	.55	.42	.46	.57	.12	.14	.48	.51	12.95
.10	.64	.64	.84	.95	.71	.58	.62	.74	.23	.24	.60	.67	14.20
.20	.90	.84	1.05	1.18	.95	.84	.85	1.00	.46	.41	.77	.91	15.83
.30	1.12	1.01	1.23	1.37	1.17	1.06	1.05	1.22	.70	.57	.92	1.12	17.08
.40	1.34	1.17	1.39	1.54	1.38	1.20	1.25	1.43	.98	.75	1.06	1.32	18.20
.50	1.57	1.33	1.55	1.72	1.59	1.45	1.45	1.65	1.30	.95	1.20	1.53	19.29
.60	1.82	1.57	1.73	1.91	1.82	1.60	1.68	1.90	1.59	1.18	1.35	1.74	20.43
.70	2.08	1.79	1.94	2.14	2.10	1.82	1.95	2.18	1.88	1.47	1.53	2.00	21.63
.80	2.34	2.00	2.15	2.34	2.30	2.00	2.23	2.55	2.08	1.76	1.76	2.33	23.22
.90	2.60	2.20	2.35	2.54	2.50	2.21	2.53	3.00	2.55	2.04	2.10	2.94	25.48
.95	2.87	2.48	2.63	2.82	2.78	2.44	2.84	3.40	3.00	2.31	2.42	3.46	27.44
ALPHA	2.95	4.11	5.56	5.79	3.54	2.59	3.18	3.55	1.11	1.53	4.54	3.34	19.62
BETA	.60	.35	.30	.32	.49	.68	.51	.51	1.62	.79	.28	.51	1.00
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

FRASER

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.04	1.56	1.49	2.01	1.58	1.69	.26	1.04	.97	1.53	1.34	5.14	20.65
1952	1.79	.59	2.13	1.31	1.85	1.45	.78	2.37	.25	.05	1.14	.95	14.66
1953	1.14	.76	1.06	1.71	1.73	1.85	2.95	1.00	.12	.67	.90	.72	14.61
1954	.74	.48	1.78	.70	1.27	.63	1.83	1.02	2.09	1.09	.91	1.08	13.62
1955	1.59	2.19	2.60	1.34	1.79	.75	1.25	2.58	.33	1.26	3.00	1.47	20.15
1956	3.13	2.34	1.12	2.24	1.21	.52	2.11	1.75	.04	.95	.80	1.91	18.12
1957	4.06	1.47	1.99	4.47	5.02	2.02	2.09	3.26	1.58	.97	1.30	2.10	30.33
1958	1.02	1.34	2.02	1.82	1.17	2.13	.84	.94	.88	.51	1.20	1.61	15.48
1959	2.39	2.28	1.94	.95	1.49	2.32	1.34	1.24	5.51	2.44	.53	.36	22.79
1960	.89	1.84	3.22	1.84	2.35	.58	1.65	.76	1.13	1.02	1.08	1.26	17.62
1961	.41	1.12	1.18	2.16	2.10	1.06	1.95	2.56	7.69	.78	.97	1.38	23.36
1962	2.68	2.06	1.08	2.31	1.34	1.20	2.10	.62	1.25	.44	.62	1.10	16.80
1963	2.27	1.28	.88	.78	.42	2.26	1.32	5.70	1.28	.69	.77	1.05	18.70
1964	1.10	.91	1.92	1.45	.72	1.86	1.30	1.48	1.12	.54	1.36	2.47	16.23
1965	2.52	.66	2.72	1.54	1.70	3.12	4.58	2.01	1.98	.13	2.40	.90	24.26
1966	.67	.89	.57	1.23	1.21	1.33	1.92	1.40	1.76	1.75	.75	1.66	15.17
1967	1.85	3.24	1.60	2.00	1.90	3.39	1.69	1.37	2.43	1.21	1.38	3.72	25.98
1968	.39	1.98	1.21	1.87	2.01	.29	.58	2.02	1.47	1.00	2.36	1.48	16.66
1969	2.13	.75	.69	3.02	3.60	4.76	1.00	2.18	1.47	5.12	.76	1.81	27.29
1970	2.43	1.18	1.66	1.77	.55	1.81	.81	1.15	2.60	1.83	2.26	1.76	20.01

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							33.5	22.1	19.0	17.0	.0	.0	
51-52	.0	.0	.0								.0	.0	
52-53	.0	.0	.0	.0								.0	
53-54	.0	.0	.0	1.5								.0	
54-55	.0	.0	.0	6.0	12.0	17.0	15.3	12.3	27.5	11.3	3.0	.0	104.4
55-56	.0	.0	.0		31.0	11.5	34.8	20.0		16.5	3.0	.0	
56-57	.0	.0	.0			14.0		12.0		28.0	13.0	.0	
57-58	.0	.0				13.0	10.0		11.0		.0	.0	
58-59	.0	.0	.0	5.0	12.0	20.0	22.0	24.0		6.0	2.0	T	
59-60	.0	.0		15.0	3.0	4.0		16.0	29.0	9.0		.0	
60-61	.0			9.0	9.0	15.0		9.0					
61-62	.0	.0										.0	
62-63	.0	.0	.0	.0	5.0		21.0			5.0			
63-64	.0	.0	.0	3.0								T	
64-65	.0	.0	.0	.0							3.0	.0	
65-66	.0	.0	2.0	2.0	32.0					16.0	3.0	.0	
66-67	.0	.0										.0	
67-68	.0	.0	.0	.0						17.0			
68-69	.0	.0	.0	6.0			26.0	10.0	6.0	33.0		3.0	
69-70	.0	.0	.0	55.0			28.7	15.0	15.0	20.0	.0	5.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.0	35.4	36.4	44.6	58.6	62.6M	76.8	72.6	67.5	50.6	36.9	26.3	49.8*
1952	27.5	29.7	32.7	48.4	59.0	72.8	74.6	71.1	68.7	60.3	35.1	29.0M	50.7*
1953	34.6	31.6	39.6	44.0	55.0	72.9	77.5	73.3	71.0	57.7	44.4	29.1	52.6
1954	36.3	41.6	37.8	55.2	62.6	70.8	76.9	74.0	67.7	56.7	45.4	31.0	54.7
1955	25.5	26.5	36.2	47.8	57.6	63.5	74.9	72.7	68.5	55.9	36.2	34.2	50.0
1956	32.8	28.9	37.7	45.1	63.1	73.5	73.3	70.0	70.8	57.4	34.8	32.0	51.6
1957	26.5	38.8	37.9	41.7	53.4	66.5	72.9	72.1	64.5	53.9	34.8	30.8	49.5
1958	29.3	35.9	36.8	43.3	64.1	72.6	73.3	76.2	69.2	59.3	42.8	32.2	52.9
1959	29.2	30.7	34.2	44.3	58.7	72.1	74.1	71.2	62.0	49.9	39.7	35.2	50.1
1960	26.4	25.1	38.3	49.5	58.0	70.3	74.5	74.2M	67.7	54.5	40.8	30.8	50.8*
1961	30.7	33.5	37.8	43.8	60.0	69.2	72.0	71.9	55.3	53.8	36.7	25.7	49.2
1962	25.0	33.5	34.1	50.4	59.5	67.8	72.1	73.3	67.2	59.2	44.4	34.4	51.7
1963	23.5	36.0	36.9	50.4	63.5	69.0	76.5	69.9	69.0	62.3	44.0	30.6	52.6
1964	24.0	25.2	31.7	44.2	60.7	66.3	77.1	69.6	66.2	57.9	39.3	27.9	49.2
1965	28.1	29.4	30.2	45.8	54.4	64.0	72.0	69.1	58.1	59.9	40.9	31.1	48.6
1966	25.9	28.3	40.8	46.9	61.5	66.7	76.3	72.1	65.2	53.3	42.2	25.9	50.4
1967	28.9	30.0	41.3	46.0	54.5	62.6	73.0M	70.8	65.2	54.4	40.8	24.6	49.3*
1968	30.2	34.3	39.8	41.0	54.2	69.8	73.3	67.4	62.0	52.8	32.2	26.4	48.6
1969	32.3	32.5	33.2	48.6	62.5	60.8	75.2	75.9	64.7	40.5	35.3	29.0	49.2
1970	26.2	34.8	33.4	38.5	58.7	67.2	73.1	73.4	61.4	44.8	36.1	28.5	48.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- .1	- 1.6	5.6	18.4	26.3	28.6M	34.4	31.9	19.9	17.7	.5	.2	15.2*
1952	- 6.9	- 5.4	- 2.3	16.7	26.8	31.4	34.9	33.8	23.2	10.7	- .5	- 6.1	13.0
1953	7.5	- 3.1	9.5	13.0	22.8	31.3	36.1	31.6	21.0	16.0	10.4	- 2.2	16.2
1954	1.8	5.2	7.0	19.7	25.1	28.6	37.4	29.7	24.8	18.1	10.5	-12.0	16.3
1955	-10.6	-11.2	- .9	8.9	22.2	28.1	32.1	34.4	19.7	10.9	1.4	1.3	11.4
1956	.1	-11.5	.9	15.3	25.1	29.1	33.6	30.0	17.9	11.0	1.8	- 7.8	12.1
1957	- 7.5	1.7	4.2	13.9	24.7	30.6	36.8	34.6	19.7	19.3	3.0	- 6.4	14.6
1958	-11.8	4.3	- .3	11.7	26.1	28.8	29.9	31.6	22.1	11.4	5.1	.7	13.3
1959	- 2.7	- 5.8	1.0	13.3	25.1	31.3	31.0	34.2	21.6	18.9	6.4	- 1.6	14.4
1960	- 5.1	- 4.3	10.4	18.3	22.2	29.6	32.0	27.9	24.8	15.6	2.4	- 8.1	13.8
1961	-17.1	- 3.0	7.9	16.0	23.1	29.0	34.8	37.0	25.6	17.6	- .2	- 5.0	13.8
1962	-15.1	.6	- 7.7	17.9	22.8	28.5	31.0	26.8	20.7	16.4	9.5	- 4.6	12.2
1963	- 9.4	- 2.4	- 3.6	17.5	21.0	27.2	33.4	36.0	26.5	17.3	6.4	- 5.5	13.7
1964	-15.9	-15.1	- 8.5	13.5	21.2	27.1	34.4	29.7	21.0	10.5	7.3	- 7.4	9.8
1965	- 2.8	- 8.0	- 6.6	14.1	23.6	29.8	34.4	29.3	24.3	13.7	5.8	- 8.6	12.4
1966	-15.8	-12.1	.9M	15.9	19.6	27.1	34.2	29.4	23.1	14.5	8.8	-10.6	11.3*
1967	- 2.8	- 6.0	4.1	12.8	22.9	30.1	34.8M	29.0	22.8	15.3	4.0	- 4.9	13.5*
1968	-15.1	- 1.9	- 4.2	11.1	24.2	27.4	31.2	31.7	21.4	16.3	- 4.0	- 6.3	11.0
1969	- 2.3	-10.1	- 6.6	18.6	26.5	31.1	36.1	35.6	26.0	12.8	- 2.3	- 4.8	13.4
1970	- 3.0	- 5.1	- .6	7.1	23.0	27.7	33.8	32.8	21.6	13.7	7.6	- 8.9	12.5

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.5	16.9	21.0	31.5	42.5	45.6M	55.6	52.3	43.7	34.2	18.7	13.3	32.5*
1952	10.3	12.2	15.2	32.6	42.9	52.1	54.8	52.5	46.0	35.5	17.3	11.6M	31.9*
1953	21.1	14.3	24.6	28.5	36.9	52.1	56.8	52.5	46.0	36.9	27.4	13.5	34.4
1954	19.1	23.4	22.4	37.5	43.9	49.7	57.2	51.9	46.3	37.4	28.0	9.5	35.5
1955	7.5	7.7	17.7	28.4	39.9	45.8	53.5	53.6	44.1	33.4	18.8	17.8	30.7
1956	16.5	8.7	19.3	30.2	44.1	51.3	53.5	50.0	44.4	34.2	18.3	12.1	31.9
1957	9.5	20.3	21.1	27.8	39.1	48.6	54.9	53.4	42.1	36.6	18.9	12.2	32.0
1958	8.8	23.1	18.3	27.5	45.1	50.7	51.6	53.9	45.7	35.4	24.0	16.5	33.1
1959	13.3	12.5	17.6	28.8	41.9	51.7	52.6	52.7	41.8	34.4	23.1	16.8	32.3
1960	10.7	10.4	24.4	33.9	40.1	50.0	53.3	51.1M	46.3	35.1	21.6	11.4	32.4*
1961	6.8	15.3	22.9	29.9	41.6	49.1	53.4	54.5	40.5	35.7	18.3	10.4	31.5
1962	5.0	17.1	13.2	34.2	41.2	48.2	51.6	50.1	44.0	37.8	27.0	14.9	32.0
1963	7.1	16.8	16.7	34.0	42.3	48.1	55.0	53.0	47.8	35.8	25.2	12.6	33.2
1964	4.1	5.1	11.6	28.9	41.0	47.2	55.8	49.7	43.6	34.2	23.3	10.3	29.6
1965	12.7	10.7	11.8	30.0	39.0	46.9	53.2	49.2	41.2	36.8	23.4	11.3	30.5
1966	5.1	8.1	20.9M	31.4	40.6	46.9	55.3	50.8	44.2	33.9	25.5	7.7	30.9*
1967	13.1	12.0	22.7	29.4	38.7	46.4	53.9M	49.9	44.0	34.9	22.4	9.9	31.4*
1968	7.6	15.2	17.8	26.1	39.2	48.6	52.3	49.6	41.7	34.6	14.1	10.1	29.8
1969	15.0	11.2	13.3	33.6	44.5	46.0	55.7	55.8	45.4	26.7	16.5	12.1	31.3
1970	11.6	14.9	16.4	22.8	40.9	47.5	53.5	53.1	41.5	29.3	21.9	9.8	30.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

FRUITA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES					MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE			
										90 OR ABOVE	32 OR BELOW											32 OR BELOW	0 OR BELOW	
JAN	38.3	11.8	25.1	62.	1965	31	-34.	1963	12	0.0	6.9	30.8	5.0	.65	.60	1956	16	5.6	18.	1957	27	2.2	.2	0.0
FEB	46.4	19.1	32.8	70.	1962	11	-29.	1951	1	0.0	1.8	27.0	1.1	.54	.41	1960	27	2.9	16.	1957	1	2.2	0.0	0.0
MAR	55.7	24.3	40.0	78.	1966	31	-1.	1960	3	0.0	0.0	26.9	0.0	.63	.74	1970	3	1.8	8.	1960	1	2.2	.1	0.0
APR	67.0	32.9	50.0	86.	1962	19	12.	1951	11	0.0	0.0	15.0	0.0	.76	.91	1965	27	0.0	0.	0	0	2.8	.4	0.0
MAY	77.9	42.6	60.3	97.	1951	27	23.	1953	2	2.2	0.0	2.4	0.0	.58	.74	1966	12	0.0	0.	0	0	2.0	.1	0.0
JUN	87.8	49.8	68.8	103.	1961	22	27.	1954	7	13.9	0.0	.1	0.0	.47	1.20	1969	24	0.0	0.	0	0	1.3	.2	.1
JUL	93.7	56.3	75.0	103.	1960	26	38.	1968	1	25.6	0.0	0.0	0.0	.55	.63	1967	8	0.0	0.	0	0	1.9	.1	0.0
AUG	90.1	54.2	72.2	103.	1958	12	38.	1964	28	18.3	0.0	0.0	0.0	1.23	1.42	1963	31	0.0	0.	0	0	3.5	.6	.2
SEP	82.4	44.2	63.3	100.	1954	1	28.	1970	26	5.5	0.0	.9	0.0	.81	.76	1959	16	0.0	0.	0	0	2.8	.5	0.0
OCT	70.1	32.9	51.5	90.	1963	1	16.	1960	31	0.0	0.0	16.1	0.0	.81	1.08	1957	13	0.0	0.	0	0	2.5	.2	.1
NOV	52.5	22.5	37.6	72.	1952	1	2.	1952	30	0.0	.5	26.7	0.0	.65	.58	1970	27	1.7	8.	1954	30	2.2	.1	0.0
DEC	39.6	14.3	27.0	68.	1955	24	-21.	1962	26	0.0	5.6	30.2	2.3	.66	1.27	1966	6	3.9	6.	1967	31	1.5	.2	.1
ANNUAL	66.8	33.8	52.3							66.	15.	176.	9.	8.4				16.				27.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.06	0.00	0.00	0.00	0.00	.04	.16	0.00	0.00	.15	.05	4.40
.10	.12	.10	.06	.23	.07	.03	.08	.25	.06	0.00	.21	.09	5.08
.20	.23	.18	.15	.37	.17	.09	.15	.43	.18	.23	.31	.17	6.00
.30	.33	.25	.25	.48	.26	.16	.22	.60	.30	.37	.39	.26	6.72
.40	.43	.33	.35	.58	.35	.24	.31	.78	.43	.51	.48	.37	7.34
.50	.54	.42	.46	.69	.55	.33	.40	.98	.54	.66	.57	.48	8.05
.60	.66	.53	.60	.81	.77	.43	.52	1.22	.77	.82	.67	.63	8.75
.70	.81	.66	.77	1.04	.92	.57	.67	1.51	1.00	1.02	.79	.81	9.54
.80	1.00	.83	1.01	1.12	1.00	.77	.84	1.80	1.30	1.29	.95	1.06	10.52
.90	1.32	1.13	1.40	1.40	1.32	1.10	1.23	2.15	1.87	1.79	1.35	1.48	11.52
.95	1.62	1.41	1.79	1.66	1.57	1.43	1.57	3.16	2.41	2.14	1.44	1.69	13.31
ALPHA	1.90	1.49	1.26	3.04	1.50	1.06	1.16	1.57	1.15	1.79	2.53	1.15	9.27
BETA	.36	.36	.52	.26	.41	.47	.48	.78	.75	.50	.26	.58	.90
Q	.05	0.00	.05	.05	.05	.05	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.65	.22	.09	.61	.54	.57	.21	1.68	.27	.93	.33	3.02	9.12
1952	.64	.26	.48	.30	.70	.36	.43	.49	.35	.00	.42	.20	4.63
1953	.15	.10	1.36	.55	.49	.10	1.02	1.60	.01	2.10	.68	.18	8.34
1954	.34	.41	.86	.87	.69	.40	.91	.31	1.59	.72	1.01	.50	8.61
1955	.23	.68	.00	.78	.72	.36	.28	1.58	.25	.03	.95	.30	6.76
1956	1.23	.59	.23	.87	.28	.02	.69	.17	.00	.60	.23	.48	5.39
1957	2.57	.93	1.12	1.93	1.76	.84	.52	4.31	.15	2.04	1.50	.41	18.08
1958	.31	.99	1.32	.14	.10	.23	.01	.86	.90	.19	.62	.02	5.69
1959	.35	.66	.09	.59	.24	.19	.05	1.01	1.64	1.11	.31	.76	7.00
1960	.25	1.06	.85	.54	.08	.19	.02	.30	.42	.42	.33	.18	4.64
1961	T	.24	1.18	.94	.60	T	.19	1.06	2.54	.69	.62	.35	8.41
1962	.45	1.43	.06	.75	.09	.40	.22	.24	1.18	.40	.36	.31	5.89
1963	.41	.52	.54	.38	.06	.40	.76	2.89	.45	.61	.05	.13	7.20
1964	.64	.02	.63	1.15	.44	.21	.50	1.74	.73	T	1.15	.78	7.99
1965	.84	.72	.99	1.68	.96	.70	1.06	.86	2.29	.87	.93	.76	12.66
1966	.38	.25	.03	.95	1.03	.03	.98	.23	.90	1.00	.59	2.41	8.78
1967	.28	.07	.57	T	1.56	1.46	1.27	1.42	.71	.43	.53	1.31	5.61
1968	.24	1.33	.29	.98	.58	.06	.44	2.35	.11	.80	.35	.37	7.60
1969	1.99	.26	.32	.23	.69	1.70	.55	.94	1.00	1.69	.95	.38	10.70
1970	.40	.34	1.50	1.02	T	1.18	.94	.60	.81	1.51	1.09	.42	5.81

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.0	1.5	.0	.0	.0	.0	
51-52	.0	.0	.0	.0	.0	10.0			.3	.0	.0	.0	
52-53	.0	.0	T	.0	1.8		2.6		1.4	.7	.0	.0	
53-54	.0	.0	.0	.0	T			.0	1.5	.0	.0	.0	
54-55	.0	.0	.0	T	9.0	1.0	5.0	8.3	.0	T	.0	.0	23.3
55-56	.0	.0	.0	.0	.0	1.3	2.0	6.5	3.5	.0	.0	.0	20.1
56-57	.0	.0	.0	.0	.0	5.3	30.9	1.5	1.0	T	.0	.0	
57-58	.0	.0	.0	.0	3.0	2.0	3.2	.0	2.5	T	.0	.0	10.7
58-59	.0	.0	.0	.0	.5	.3	2.6		T	.0	.0	.0	
59-60	.0	.0	.0	.0	.0	6.0	T	14.5	4.0	.0	T	.0	24.5
60-61	.0	.0	.0	.0	.2	.3	T	1.5	T	T	.0	.0	2.0
61-62	.0	.0	.0	T		3.3	3.5	8.0	T	.0	.0	.0	
62-63	.0	.0	.0	.0	1.3	4.0	7.3	.2	2.0	T	.0	.0	14.8
63-64	.0	.0	.0	.0	.0	2.6		.3	7.1	T	.0	.0	
64-65	.0	.0	.0	.0		2.8	2.0	4.6	.5	T	.0	.0	
65-66	.0	.0	.0	.0	2.0	.9	7.5	1.3	.3	T	.0	.0	12.0
66-67	.0	.0	.0	.0	2.0	4.0	2.5	.0	4.0	.0	.0	.0	
67-68	.0	.0	.0	.0	2.0	16.2	3.2	.0	.0	.2	T	.0	21.6
68-69	.0	.0	.0	.0	T	5.3	6.5	.8	3.5	.0	.0	.0	16.1
69-70	.0	.0	.0	T	T	3.0	2.0	.0	4.0	.0	.0	.0	9.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.1	43.2	58.0	69.9	79.0	86.1	94.5	88.1	83.4	68.2	47.5	30.4	65.5
1952	34.1	42.7	49.5	71.2	75.3	89.9	93.7	91.5	86.7	77.2	48.9	37.5	66.9
1953	44.3	46.9	59.2	64.9	72.1	89.7	94.0	87.7	87.4	69.8	53.8	38.0	67.3
1954	43.9	56.3	55.2	73.6	80.3	87.8	94.5	89.7	81.3	70.6	56.4	35.7	68.8
1955	33.8	33.3	52.6	65.5	75.9	84.9	94.7	91.6M	85.9	71.7	46.1	45.1	65.1*
1956	46.6	43.9	60.4	67.1	79.9M	91.6	93.1	88.5	88.4	72.1	47.7	36.7	68.0*
1957	34.9	41.2	56.8	62.6	70.3	86.4	90.4	85.5	81.4	65.7	46.3	41.6	63.6
1958	40.8	50.9	52.1M	64.7	82.7	91.9	92.7	94.3	82.3	72.5	53.8	47.6	68.9*
1959	41.0	47.2	57.3	69.5	78.2	93.1	95.9	90.0	78.8	67.5	52.5	41.7	67.7
1960	36.9	40.4	56.7	70.0	78.6	91.7	96.3	93.3	84.8	68.1	55.0	42.4	67.9
1961	44.6	51.1	55.5	66.1	78.0M	93.3	94.5	90.5	73.4	67.6	50.0	33.8	66.5*
1962	35.1	47.3	52.2	72.4	77.8	87.0	92.2	91.6	83.1	72.0	57.6	41.6	67.5
1963	23.8	51.7	56.3	67.0	83.9	86.6	95.4	87.8	85.5	75.9	56.2	40.0	67.5
1964	37.1	42.1	49.7	64.6	77.6	86.5	96.2	88.4	81.8	75.8	50.4M	40.7	65.9*
1965	44.0	46.3	52.9	63.6	72.9	82.1	89.8	88.9	74.4	73.4	57.5	42.6	65.7
1966	38.4	41.6	60.6	69.1	81.3	86.9	94.0	91.5	84.0	69.1	58.0	41.9	68.0
1967	37.8	52.0	63.2	67.0	74.5	82.2M	92.6	91.7	83.8	72.5	56.8	31.6	67.1*
1968	29.7	48.7	59.8	60.3	73.9	88.8	91.8	84.0	80.5	70.2	50.7	37.2	64.6
1969	39.8	44.8	53.6	70.8	82.2	83.3	93.2	93.4	82.7	59.7	52.4	43.9	66.7
1970	40.8	55.3	52.5	60.2	80.1	86.3	93.8	93.6	79.1	62.5	53.2	42.8	66.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	8.5	15.1	21.3	32.6	42.8	46.3	54.3	51.6	37.2	30.0	20.0	8.1	30.7
1952	12.0	19.1	23.9	33.4	43.9	48.6	54.5	54.0	42.7	26.5	17.9	12.8	32.4
1953	18.0	15.5	23.1	31.2	38.1	48.6	56.9	51.3	44.1	34.3	25.6	12.7	33.3
1954	16.7	20.1	22.5	34.1	42.6	46.9	58.5	50.2M	48.7	34.4	22.5	13.3	34.2*
1955	10.6	8.3	23.3	31.7	41.8	47.9	55.2	58.0M	44.5	31.7	20.2	20.4	32.8*
1956	22.3	16.6	20.4	34.0	43.5M	50.3	53.2	50.0	40.9	33.1	16.2	6.4	32.2*
1957	10.9	17.5	29.2	35.7	41.8	49.1	56.1	56.0	40.2	37.7	24.7	16.6	34.6
1958	15.0	26.5	27.3	29.8	43.5	51.0	52.5	55.5	46.0	31.6	21.6	16.4	34.8
1959	13.3	22.5	23.1	32.6	44.6	54.1	55.4	54.2M	43.1	32.5	18.5	18.3	34.4*
1960	15.8	19.1	26.3	32.5	41.7	51.0	58.3	52.0	47.7	34.1	22.2	12.3	34.3
1961	6.3	18.6	28.0	34.8	46.3M	53.7	57.4	58.5	43.1	33.8	22.0	11.3	34.5*
1962	8.4	25.7	22.4	35.5	42.4	51.0	53.6	51.1	44.1	35.3	24.3	10.6	33.7
1963	4.2	21.1	24.7	33.0	43.8	49.6	57.3	58.4	49.3	39.2	24.5	10.7	34.0
1964	6.5	12.7	21.4	34.0	42.4	50.6	58.8	54.3	44.0	30.7	22.5	19.5	33.1
1965	19.4	19.0	24.4	34.8	42.7	48.1	57.3	53.5	43.4	32.7	30.0	20.5	35.5
1966	9.6	17.7	23.1	31.5	42.5	50.5	57.4	52.6	45.0	30.2	24.1	16.6	33.4
1967	10.4	18.5	27.1	32.8	40.1	49.2	57.2	54.7	45.5	32.0	20.7	10.3	33.2
1968	1.2	25.8	26.3	31.6	40.8	50.6	57.6	52.8	42.0	33.6	24.2	9.0	33.0
1969	17.5	22.6	22.9	33.5	44.9	49.2	57.6	57.6	49.3	33.2	23.1	19.8M	35.9*
1970	18.0	20.8M	26.0	29.0	41.7	50.4	57.3	58.5	43.5	31.3	26.0	20.2	35.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.3	29.2	39.7	51.3	60.9	66.2	74.4	69.9	60.3	49.1	33.8	19.3	48.1
1952	23.1	30.9	36.7	52.3	61.6	69.3	74.1	72.8	64.7	51.9	33.4	25.2	49.7
1953	31.2	31.2	41.2	48.1	55.1	69.2	75.5	69.5	65.8	52.1	39.7	25.4	50.3
1954	30.3	38.2	38.9	53.9	61.5	67.4	76.5	70.0M	65.0	52.5	39.5	24.5	51.5*
1955	22.2	20.8	38.0	48.6	58.9	66.4	75.0	74.8M	65.2	51.7	33.2	32.8	49.0*
1956	34.5	30.3	40.4	50.6	61.7M	71.0	73.2	69.3	64.7	52.6	32.0	21.6	50.2*
1957	22.9	29.4	43.0	49.2	56.1	67.8	73.3	70.8	60.8	51.7	35.5	29.1	49.1
1958	27.9	38.8	39.7M	47.3	63.1	71.5	72.6	74.9	64.2	52.1	37.8	32.0	51.8*
1959	27.2	34.9	40.2	51.1	61.4	73.6	75.7	72.1M	61.0	50.0	35.5	30.0	51.1*
1960	26.4	29.3	41.5	51.3	60.2	71.4	77.3	72.7	66.3	51.1	38.6	27.4	51.1
1961	25.5	34.9	41.8	50.5	62.2M	73.5	76.0	74.5	58.3	50.7	36.0	22.6	50.5*
1962	21.8	36.8	37.3	54.0	60.1	69.0	72.9	71.4	63.6	53.7	41.0	26.1	50.6
1963	9.8	36.4	40.5	50.0	63.9	68.1	76.4	73.1	67.4	57.6	40.4	25.4	50.8
1964	21.8	27.4	35.6	49.3	60.0	68.6	77.5	71.4	62.9	53.3	36.5M	30.1	49.5*
1965	31.7	32.7	38.7	49.2	57.8	65.1	73.6	71.2	58.9	53.1	43.8	31.6	50.6
1966	24.0	29.7	41.9	50.3	61.9	68.7	75.7	72.1	64.5	49.7	41.1	29.4	50.8
1967	24.1	35.3	45.2	49.9	57.3	65.7M	74.9	73.2	64.7	52.3	38.8	21.0	50.2*
1968	15.5	37.3	43.1	46.0	57.4	69.7	74.7	68.4	61.3	51.9	37.5	23.1	48.8
1969	28.7	33.7	38.3	52.2	63.6	66.3	75.4	75.5	66.0	46.5	37.8	31.6M	51.3*
1970	29.4	38.1M	39.3	44.6	60.9	68.4	75.6	76.1	61.3	46.9	39.6	31.5	51.0*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GARDNER

05 3222 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)																
	YEAR'S		EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS														
							MAX		MIN						.10 OR MORE		.50 OR MORE												
	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	AVERAGE	MONTHLY	RECORD	HIGHEST	YEAR	DAY	RECORD	LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	MEAN	GREATEST	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN																			.35	.70	1963	19	6.3	17.	1963	19	1.1	.2	0.0
FEB																			.42	.50	1961	26	8.3	8.	1956	1	1.7	.1	0.0
MAR																			.74	.80	1962	30	10.2	10.	1964	8	2.3	.4	0.0
APR																			1.10	1.80	1952	21	7.8	8.	1967	13	2.2	.6	.2
MAY																			1.33	3.16	1955	18	1.8	3.	1956	14	3.2	.6	.2
JUN																			1.00	1.40	1969	7	.1	0.	0	0	3.4	.6	.1
JUL																			2.37	1.80	1957	19	0.0	0.	0	0	6.7	1.3	.4
AUG																			2.11	1.70	1957	15	0.0	0.	0	0	6.6	1.0	.2
SEP																			.75	1.10	0	0	0.0	8.	1959	30	2.6	.5	.1
OCT																			.90	1.55	1959	1	4.0	18.	1959	1	2.4	.4	.1
NOV																			.50	.75	1964	18	5.7	10.	1964	18	1.5	.1	0.0
DEC																			.47	1.10	1961	11	8.4	27.	1961	11	1.0	.3	.1
ANNUAL																			12.0				53.			35.	6.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.12	.04	.54	.84	.11	0.00	0.00	0.00	6.00
.10	0.00	.07	.11	.21	.22	.09	.76	1.04	.17	.11	.05	0.00	7.83
.20	.05	.14	.24	.41	.40	.20	1.11	1.32	.28	.25	.12	.06	9.08
.30	.10	.20	.35	.58	.58	.33	1.22	1.54	.38	.34	.20	.12	10.06
.40	.15	.27	.47	.74	.74	.48	1.33	1.76	.49	.50	.28	.20	10.95
.50	.20	.34	.60	.92	.92	.63	1.42	1.98	.61	.70	.37	.30	11.83
.60	.30	.42	.74	1.13	1.13	.80	1.52	2.21	.75	.89	.48	.43	12.76
.70	.40	.52	.93	1.37	1.37	1.19	1.62	2.49	.92	1.12	.62	.57	13.80
.80	.55	.67	1.17	1.70	1.70	1.52	1.86	3.43	1.15	1.44	.81	.78	15.09
.90	.79	.87	1.56	2.22	2.22	2.09	2.39	5.36	1.52	1.97	1.13	1.15	17.01
.95	1.04	1.08	1.95	2.71	3.63	3.09	5.26	8.84	1.88	2.48	1.45	1.52	18.70
ALPHA	1.06	1.75	1.65	2.00	1.32	.91	2.49	5.13	1.70	1.43	1.25	.94	11.30
BETA	.35	.25	.47	.58	1.01	1.10	.95	.41	.44	.67	.43	.54	1.08
0	.10	.05	.05	.05	0.00	0.00	0.00	0.00	0.00	.05	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.05	.35	.73	.97	1.69	.21	.46	.99	.25	.84	.74	.03	8.31
1952	.05	.30	.29	2.08	2.16		1.390	1.090	.70	T	.93	.20	
1953	.02	.21	.12	1.03	1.15	.06	4.31	2.11	.08	.60	.63	.21	10.53
1954	.14	.14	.64	.23	1.42	.27	2.00	1.29	.40	.76	.30	.11	7.70
1955	.07	.70	.06	.21	5.05	.33	1.00	2.97	.51	.12	.24	.13	11.39
1956	.59	.54	.28	1.65	.78	.12	.81	1.35	.06	.27	.64	.72	8.21
1957	.74	.12	.22	2.81	3.89	1.31	5.51	4.06	.10	.30	1.86	T	20.92
1958	.27	.06	1.28	1.34	.45	1.13	.67	2.25	.54	.80	.53	.04	9.36
1959	.53	.66	1.18	2.04	1.62	1.52	1.15	1.81	1.44	3.26	.07	.10	15.38
1960	.43		.49	1.73	.09	.83	2.77	.70	.57	2.68	.07	.36	
1961	.23	1.11	1.65	.66	.96	1.68	2.58	2.25	1.35	.58	.51	2.08	15.64
1962	.34	.14	.83	.50	.08	.41	2.64	1.17	.98	.56	.50	.48	8.63
1963	1.00	.15	.60	.00	.22	1.15	2.51	3.42	.45	.38	.15	.48	10.51
1964	.08	1.10	1.23	.34	1.03	.39	2.25	1.70	.95	.16	.95	.54	10.72
1965	.04	.37	1.30	.99	.56	.95	2.38	1.68		.90	.08	.06	10.98
1966	.12	.37	T	.58	.55	1.81	2.73	3.75	.52	.36	.03	.82	11.64
1967	.300	.38	.21	1.57	1.60	.69	2.10	2.21	.83	.68	T	1.82	12.39*
1968	.19	1.08E	.61	2.42E	1.06	.02	6.51	3.12	1.23	.44	1.13E	.68E	18.49*
1969	T	.20	2.00E	.34	1.51	5.60	2.81	1.90	.98	2.26	.45E	.50	18.59*
1970	T	T	1.15	.52	.770	.47	.87	2.43	1.45	2.13	.24	T	10.03*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.5	3.9	10.2	11.5	T	1.7	
51-52	.0	.0	T	6.5	8.2	5.0	.5	5.5	6.5	1.5	4.5	.0	
52-53			.0	.0			.0		.5	3.8	2.0	.0	
53-54	.0	T	.0	2.0						.0	8.0	.0	
54-55	T	.0	.0	.0						2.5	.0	.0	
55-56	.0	T	.0	.0	.0	2.5			4.0	13.5	3.0	.0	
56-57	.0	.0	.0	.0			13.0			28.0	7.0	.0	
57-58	.0	.0	.0	.5	22.0	T	6.0		14.5	12.0	.0	.0	
58-59	.0	.0	.0	T			14.0	13.0		9.0	T	.0	
59-60	.0	.0		28.0	2.0	1.5	6.0		5.5	3.0	.0	.0	
60-61	.0	.0	.0			11.0	5.0	20.5	22.0	9.0	5.5	.0	
61-62	.0	.0	T	3.0	8.5	27.0	6.5	5.0		3.0	.0	.0	
62-63	.0	.0	.0	1.0	4.0	3.0	20.0	6.0		.0	.0	.0	
63-64	.0	.0	.0				3.5	17.0	16.5	5.0	.0	.0	
64-65	.0	.0	.0	.0	12.0	9.0	2.6	10.0	23.5	5.0	T	.0	62.1
65-66	.0	.0	.0	.0	.0			7.5	T	8.0	.0	.0	
66-67	.0	.0	.0	2.0	T	10.0	3.0	6.7	5.0	16.0	3.0	.0	45.7
67-68	.0	.0	.0	4.0	.0	24.0	5.0	4.5			T	.0	
68-69	.0	.0	.0	4.0			T			.0	.0	.0	
69-70	.0	.0	.0			8.0	T	T	15.0		2.3	.0	

CLIMATOLOGY REPORT NO. 77-1

GATEWAY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS						SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	41.6	16.4	29.3	61.	1965	31	-28.	1963	13	0.0	4.5	28.7	2.9	.71	.54	1962	21	4.3	9.	1957	28	2.2	.2	0.0		
FEB	50.3	24.8	37.6	73.	1962	11	-3.	1965	13	0.0	.6	23.4	.2	.76	1.04	1965	10	3.1	12.	1965	10	2.9	.3	.1		
MAR	57.5	29.9	43.7	78.	1968	30	9.	1964	9	0.0	.1	19.8	0.0	.86	.90	1970	1	3.4	4.	1960	1	3.3	.2	0.0		
APR	67.5	37.2	52.4	90.	1959	30	20.	1970	4	.1	0.0	7.7	0.0	.98	.88	1955	11	.5	4.	1955	11	3.4	.3	0.0		
MAY	78.1	46.1	62.1	95.	1967	23	27.	1967	3	1.4	0.0	.4	0.0	.85	1.32	1967	26	0.0	0.	0	0	2.4	.2	.1		
JUN	87.1	54.1	70.6	104.	1959	23	36.	1957	17	13.4	0.0	0.0	0.0	.57	1.16	1969	24	0.0	0.	0	0	1.9	.2	.1		
JUL	93.3	61.7	77.5	106.	1959	12	46.	1968	1	20.9	0.0	0.0	0.0	.90	.87	1963	22	0.0	0.	0	0	3.1	.4	0.0		
AUG	92.4	59.6	75.0	106.	1958	12	39.	1967	31	18.6	0.0	0.0	0.0	1.50	2.82	1957	21	0.0	0.	0	0	3.5	.8	.2		
SEP	82.5	50.2	66.3	98.	1958	2	30.	1970	26	5.5	0.0	.3	0.0	.94	1.05	1965	18	0.0	0.	0	0	3.3	.4	.1		
OCT	71.1	39.2	55.2	91.	1956	6	21.	1970	28	.2	0.0	4.9	0.0	1.21	1.33	1957	13	.2	0.	0	0	3.4	.6	.2		
NOV	55.9	28.5	42.2	75.	1958	10	9.	1956	21	0.0	0.0	20.8	0.0	.85	.78	1953	18	1.3	7.	1954	29	3.2	.3	0.0		
DEC	43.0	18.8	31.0	62.	1966	1	-9.	1962	28	0.0	2.8	26.4	.9	.84	.75	1967	19	5.7	10.	1968	22	2.8	.2	0.0		
ANNUAL	68.2	38.6	53.2							60.	8.	134.	4.	11.0				18.				35.	4.	1.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.12	0.00	.06	.20	0.00	.05	.07	.30	0.00	0.00	.23	.08	4.43
.10	.18	.09	.11	.29	.17	.09	.13	.43	.14	0.00	.31	.15	7.25
.20	.29	.22	.22	.44	.33	.16	.25	.65	.30	.32	.44	.26	8.33
.30	.38	.33	.34	.57	.46	.24	.37	.85	.44	.53	.54	.38	9.17
.40	.48	.45	.47	.70	.59	.33	.51	1.06	.59	.74	.65	.51	9.93
.50	.59	.59	.62	.84	.72	.43	.67	1.28	.75	.97	.76	.65	10.69
.60	.72	.94	.81	1.00	.84	.55	.86	1.52	.94	1.23	.88	.82	11.48
.70	.87	1.20	.97	1.19	1.06	.70	1.10	1.77	1.17	1.54	1.02	1.03	12.36
.80	1.07	1.53	1.37	1.44	1.31	.91	1.43	2.02	1.47	1.96	1.21	1.31	13.46
.90	1.40	2.05	1.92	1.85	1.70	1.24	1.94	2.45	1.97	2.54	1.51	1.79	15.09
.95	1.71	2.46	2.46	2.23	2.08	1.59	2.33	3.46	2.46	3.29	1.78	2.26	16.50
ALPHA	1.92	1.48	1.13	2.29	2.07	1.25	1.21	2.18	1.64	1.67	3.03	1.37	12.62
BETA	.37	.54	.76	.43	.43	.46	.74	.69	.60	.81	.28	.61	.87
Q	0.00	.05	0.00	0.00	.05	0.00	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.67	.76	.07	1.17	1.21	.21	.17	2.45	.57	1.04	.94	1.70	10.96
1952	1.08	.41	1.38	1.16	1.04	.24	1.15	1.40	.98	.00	.72	.60	10.16
1953	.58	.05	1.22	1.56	.92	.11	1.12	1.44	.00	3.81	1.47	.32	12.60
1954	.14	.40	.66	.72	.55	.200	.59	1.36	2.56	1.37	1.72	.21	10.48*
1955	.79	.93	.05	1.54	.97	.57	1.22	1.73	.33	.05	.69	.46	9.33
1956	1.35	.27	.10	.41	.48	.15	1.11	.74	.06	1.17	.09	.42	6.35
1957	1.93	.74	.47	2.20	1.48	.41	1.63	5.28	.07	3.34	1.90	.38	19.87
1958	.66	1.75	1.00	.48	.32	.19	.01	.62	1.17	.32	.65	.04	7.21
1959	.39	.86	.14	.72	.14	.37	.21	2.81	1.14	.92	.48	1.99	10.17
1960	.40	1.72	1.14	.92	.65	.60	.30	.15	.91	1.28	.41	.56	9.04
1961	.08	.13	2.06	1.08	1.88	.03	.32	1.90	2.10	2.00	.87	.28	12.73
1962	.70	1.01	.69	.61	.24	.66	.07	.35	1.15	.40	.41	.53	6.82
1963	1.38	.39	.63	.16	.43	.27	1.58	1.34	.40	1.82	.68	.08	9.16
1964	.12	T	.63	1.54	.45	.57	.83	1.64	.96	.00	1.24	.75	8.73
1965	.96	1.68	1.08	1.47	1.31	1.09	2.26	.70	2.20	1.60	1.07	2.12	17.54
1966	.27	1.100	.15	.77	.64	.27	1.82	.98	.40	1.09	.46	1.49	9.44*
1967	.38	.09	.26	.08	3.21	1.83	.92	1.20	.91	.30	.64	2.27	12.09
1968	.58	1.24	.84	1.38	.70	.25	.46	1.77	.59	1.27	.45	.71	10.24
1969	1.32	1.34	.91	.36	.44	2.29	1.00	1.44	1.18	1.39	.88	1.02	13.57
1970	.46	.25	3.67	1.23	T	1.17	1.31	.63	1.05	1.12	1.24	.89	13.02

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.8	10.0	T	T	.0	.0	
51-52	.0	.0	.0	.0	2.5	10.3	.5	2.5	5.9	.0	.0	.0	21.7
52-53	.0	.0	.0	.0	T	1.3	3.5	T	T	T	T	.0	
53-54	.0	.0	.0	.0	.5	10.5	.0	1.2	1.0	.0	.0	.0	
54-55	T	.0	.0	.0		1.2	1.0	5.5	T	4.5	.0	.0	
55-56	.0	.0	.0	.0	2.3			2.0		T	.0	.0	
56-57	.0	.0	.0	.0		9.3	13.0				.0	.0	
57-58	.0	.0	.0	.0	1.5	.5	5.0	.5	3.0	T	.0	.0	10.5
58-59	.0	.0	.0	.0		.0			T	T	.0	.0	
59-60	.0	.0	.0	.0	T	10.0	3.0	9.9	12.0	T	T	.0	34.9
60-61	.0	.0	.0	.0	T	1.0		1.5	6.5	T	.0	.0	
61-62	.0	.0	.0	T		4.0	3.8	.5	4.0	T	.0	.0	
62-63	.0	.0	.0	.0	1.0	4.0	12.5	T	1.0	T	.0	.0	18.5
63-64	.0	.0	.0	.0	T	1.0	.5	T	2.5	.5	.0	.0	4.5
64-65	.0	.0	.0	.0	5.0	3.0	5.0	15.0	2.0	2.0	.0	.0	32.0
65-66	.0	.0	.0	.0	6.0	8.0	4.0	6.6	2.0	.5	.0	.0	27.3
66-67	.0	.0	.0	3.0	T	9.0	4.0	.0	4.0	T	T	.0	20.0
67-68	.0	.0	.0	.0	T	23.1	4.5	T	T	2.0	.0	.0	29.6
68-69	.0	.0	.0	.0	.5	10.0	2.5	.5	8.0	.0	.0	.0	21.5
69-70	.0	.0	.0	T	1.0	2.0	2.8	T	6.5	T	T	.0	12.3

GATEWAY

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956										74.5M	52.7M	40.7M	
1957	42.1	48.1M	60.3M	65.4M	71.9M	87.9M	91.2M	88.4M	84.3M	67.2M	48.8M	46.4M	66.8*
1958	43.5M	54.7M	53.4M	66.2M	82.4M	91.5M	96.2M	117.1M	85.5M	74.6M	56.0		
1959	45.7	50.5M	61.0	72.4M	81.2M	94.7M	98.2	89.5M	82.1M	70.1M	56.4M	43.4	70.4*
1960	39.9M	43.3M	60.9M	71.0	78.1M	91.5M	96.4M	95.7M	86.4M	68.9	58.0	43.0	69.4*
1961	46.9M	54.4M	57.1	67.5	78.1M	93.3M	95.0M	91.0M	76.0	69.0	53.2	38.4M	68.3*
1962	40.8	51.3M	54.8	73.6M	77.4M	88.5	92.8M	93.5	85.1M	74.3M	61.1M	45.2M	69.9*
1963	29.5	55.8M	57.5M	67.8M	83.4M	86.1M	94.3M	87.0M	86.1M	76.8M	58.5M	44.0M	68.9*
1964	42.9	46.1M	52.5M	64.6	77.4M	85.3	96.0M	82.5M	77.9M	51.7M	44.8M		
1965	46.7M	48.3M	54.1M	65.5	72.8M	81.8M	88.5M	88.6M	75.5M	73.6M	59.1M	45.4M	66.7*
1966	41.1	43.5M	62.0	68.9M	81.5M	87.5M	93.4M	92.8	84.0	69.8M	58.7M	43.5	68.9*
1967	40.0	53.9	64.1M	66.4M	75.1M	79.6M	91.8M	91.6M	84.1M	74.8M	59.8M	35.2	68.0*
1968	33.3	50.8	60.7M	62.6	73.9	87.2M	89.6	82.6M	80.5	71.1	52.6	39.9	65.4*
1969	45.7	46.5	53.8	71.6	81.3	80.4M	91.6M	91.6M	82.5	60.5	54.3	46.8	67.2*
1970	44.0M	57.1M	52.3	61.2	79.0	83.8	91.5M	91.7	79.8	64.1M	57.2	45.8	67.3*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956										39.4M	20.1M	13.5M	
1957	20.2	23.1M	32.1M	36.2M	42.4M	50.0M	61.2M	60.3M	45.6M	43.7M	28.6M	21.5M	38.7*
1958	16.1M	29.6M	31.3M	35.2M	45.1M	55.2M	62.2M	51.5M	51.5M	38.0M	28.0		
1959	19.4	27.3M	29.7	38.3M	48.9M	59.5M	62.2	59.6M	50.6	38.1M	24.3M	20.1	39.8*
1960	17.2	21.0M	31.0M	37.9	44.3M	52.9M	58.8M	56.7M	53.3M	39.9	30.6	19.7	38.6*
1961	13.1	24.0	31.5	37.8	46.2M	58.0M	60.5M	60.3M	45.3	37.6	28.6	15.4M	38.2*
1962	15.0	29.7M	26.5	40.6M	46.7M	53.2	59.3M	58.2M	50.8	40.2M	29.5M	15.3	38.8*
1963	3.4	24.6M	29.3M	35.6M	47.3M	53.2M	61.7M	60.5M	51.4M	43.4M	29.3M	14.2M	37.8*
1964	14.7	14.6M	24.3M	37.9	45.5M	53.9	65.2M	51.7M	39.4M	28.4M	22.1M		
1965	24.7M	23.3M	29.1M	38.8	44.1M	51.0M	59.7M	58.0M	48.8	37.8M	34.6M	23.3	39.4*
1966	18.2	22.1M	29.3M	36.6M	48.8M	56.4M	63.1M	59.6M	51.1M	37.3M	32.2M	22.3	39.8*
1967	15.8	26.4M	36.0M	30.8M	44.6M	52.6M	62.7M	60.2M	51.5M	39.8M	28.9M	14.9M	39.4*
1968	7.0	30.8M	31.3M	35.1	46.0M	55.1M	61.8M	55.8M	46.9M	40.3	28.7	14.7M	37.8*
1969	24.1	26.2	27.3M	38.2M	48.9M	52.4M	62.7M	62.3M	54.6	36.2M	25.2M	22.2M	40.0*
1970	20.6M	24.6	30.1M	33.6M	46.4M	54.1	63.1M	63.5	49.3	36.6M	30.3M	24.7	39.7*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNI
1951													
1952													
1953													
1954													
1955													
1956													
1957	31.2	35.6M	46.2M	50.8M	57.2M	69.0M	76.2M			57.0M	36.4M	27.1M	
1958	29.8M	42.2M	42.4M	50.7M	63.8M	73.4M	79.2M	74.4M	65.0M	55.5M	38.7M	34.0M	52.8*
1959	32.6	38.9M	45.4	55.4M	65.1M	77.1M	80.2		68.5M	56.3M	42.0		
1960	28.6M	32.2M	46.0M	54.5	61.2M	72.2M	77.6M	74.6M	66.4M	54.1M	40.4M	31.8	55.2
								76.2M	69.9M	54.4	44.3	31.4	54.0
1961	30.0M	39.2M	44.3	52.7	62.2M	75.7M	77.8M	75.7M	60.7	53.3	40.9	26.9M	53.3*
1962	27.9	40.5M	40.7	57.1M	62.1M	70.9	76.1M	75.9M	68.0M	57.3M	45.3M	30.3M	54.3*
1963	16.5	40.2M	43.4M	51.7M	65.4M	69.7M	78.0M	73.8M	68.8M	60.1M	43.9M	29.1M	53.4
1964	28.8	30.4M	38.4M	51.3	61.5M	69.6	80.6M		67.1M	58.7M	40.1M	33.5M	
1965	35.7M	35.8M	41.6M	52.2	58.5M	66.4M	74.1M	73.3M	62.2M	55.7M	46.9M	34.4M	53.1
1966	29.7	32.8M	45.7M	52.8M	65.2M	72.0M	78.3M	76.2M	67.6M	53.6M	45.5M	32.9	54.4*
1967	27.9	40.2M	50.1M	52.EM	59.9M	66.1M	77.3M	75.9M	67.8M	57.3M	44.4M	25.1M	53.7
1968	20.2	40.8M	46.0M	48.9	60.0M	71.2M	75.7M	69.2M	63.7M	55.7	40.7	27.3M	51.6
1969	34.9	36.4	40.6M	54.9M	65.1M	66.4M	77.2M	77.0M	68.6	48.4M	39.8M	34.5M	53.7
1970	32.3M	40.9M	41.2M	47.4M	62.7M	69.0	77.3M	77.6	64.6	50.4M	43.8M	35.3	53.5*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GENOA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)													
	MEAS			EXTREMES				MEAN; NO OF DAYS							SNOW, SLEET			MEAN; NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOH	32 OR BELOH	0 OR BELOH											
JAN														.27	.56	1960	14	3.8	10.	1962	9	1.1	.1	0.0
FEB														.26	.51	1960	14	2.5	5.	1965	15	1.1	.1	0.0
MAR														.71	.60	1959	20	6.6	10.	1964	20	2.6	.1	0.0
APR														.99	1.61	1952	21	3.2	13.	1957	3	1.8	.1	.1
MAY														2.49	1.83	1961	13	.6	3.	1957	16	6.1	1.4	.5
JUN														2.02	2.50	1969	7	0.0	0.	0	0	4.7	1.1	.4
JUL														2.92	2.37	1965	24	0.0	0.	0	0	7.2	1.8	.5
AUG														2.55	2.16	1962	23	0.0	0.	0	0	5.1	2.1	.3
SEP														1.02	1.03	1958	16	.3	0.	0	0	3.1	.5	.1
OCT														.71	1.40	1960	18	2.1	9.	1969	12	2.0	.2	.1
NOV														.45	.47	1970	8	4.6	7.	1952	4	1.4	0.0	0.0
DEC														.25	.45	1957	6	3.2	5.	1969	8	1.0	0.0	0.0
ANNUAL														14.6				27.				37.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.18	0.00	.83	0.00	.71	.87	.24	.04	0.00	0.00	8.75
.10	.05	0.00	.24	.05	1.07	.39	.94	1.11	.33	.08	.06	0.00	9.82
.20	.10	0.00	.35	.16	1.41	.76	1.41	1.46	.48	.17	.14	.08	11.23
.30	.14	.09	.44	.30	1.71	1.07	1.79	1.76	.61	.27	.21	.13	12.32
.40	.18	.15	.53	.46	1.96	1.37	2.06	2.05	.74	.37	.28	.18	13.32
.50	.22	.20	.63	.65	2.28	1.70	2.55	2.44	.88	.50	.36	.22	14.24
.60	.27	.27	.74	.89	2.60	2.07	3.00	2.67	1.04	.66	.45	.27	15.31
.70	.33	.35	.86	1.20	2.97	2.51	3.53	3.04	1.23	.86	.56	.33	16.45
.80	.41	.45	1.03	1.66	3.45	3.10	4.32	3.53	1.48	1.16	.72	.40	17.66
.90	.54	.61	1.29	2.39	4.19	4.05	5.32	4.28	1.87	1.62	.96	.51	19.95
.95	.67	.77	1.54	3.15	4.87	4.96	6.34	4.97	2.24	2.09	1.21	.62	21.78
ALPHA	1.95	1.74	2.72	.94	3.88	2.02	2.66	3.95	2.53	1.06	1.58	2.67	13.46
BETA	.14	.19	.26	1.11	.64	1.05	1.10	.65	.40	.67	.30	.11	1.09
Q	.05	.20	0.00	.05	0.00	.05	0.00	0.00	0.00	0.00	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.42	.12	.09	1.36	2.91	3.15	3.56	1.90	.56	1.56	1.01	.15	16.79
1952	.00	.43	.78	2.37	1.85	.00	.48	3.80	1.20	.18	.77	.00	11.86
1953	.14	.30	.60	2.07	1.90	1.59	1.61	2.38	.30	.75	.72	.28	12.64
1954	.18	T	.41	.03	1.22	.34	2.00	1.62	.41	.91	.06	.15	7.33
1955	.18	.18	.56	.00	2.93	2.35	.41	6.50	.45	.06	.16	T	13.78
1956	.35	.00	.62	.15	1.17	.76	3.10	.96	.18	.08	1.25	.32	8.94
1957	.52	.00	1.26	5.29	5.45	1.67	3.00	2.36	1.12	1.09	.48	.45	22.69
1958	.35	.32	1.79	1.21	2.74	3.28	6.20	1.26	1.47	.64	.43	.29	15.98
1959	.42	.37	1.50	.30	3.63	1.67	1.83	1.23	1.95	1.27	.10	.38	14.65
1960	.61	1.25	.46	.33	1.87	.41	4.42	1.09	.55	2.18	.27	.52	13.96
1961	.11	.34	1.33	.99	3.77	1.20	4.56	2.02	1.87	.20	.45	.41	17.25
1962	.43	.19	.90	.12	2.10	5.36	3.70	3.66	.36	.17	.35	.08	17.42
1963	.45	.10	.68	.13	1.08	.81	2.42	4.50	2.84	.08	.26	.22	13.57
1964	.07	.20	.65	.64	2.93	1.05	.72	1.55	.85	.12	.49	T	5.27
1965	.36	.74	.67	.13	2.25	5.24	3.86	4.15	1.24	.35	T	.32	15.31
1966	.35	.32	.20	1.06	.55	.80	4.23	1.86	1.15	.54	.02	.07	11.15
1967	.12	T	.32	.82	4.69	3.39	3.04	1.65	1.27	.29	.41	.57	16.57
1968	.22	.29	.49	.79	1.31	1.91	4.67	2.55	.88	.23	.54	.22	14.10
1969	.06	.07	.42	.95	3.46	3.76	2.09	3.73	.99	2.28	.32	.53	18.66
1970	.02	.05	.55	1.13	2.02	1.62	2.44	2.32	.66	1.24	.98	.06	13.09

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.0	3.0	2.0	3.0	.0	.0	
51-52	.0	.0	3.0	.2	12.0	3.0	.0	4.0	7.9	5.0	.0	.0	35.1
52-53	.0	.0	.0	T		.0	2.0	3.0	3.3	7.0	.0	T	
53-54	.0	.0	T	.0	5.0	6.0		T	4.5	.0	3.0	.0	
54-55	.0	.0	T	.0	1.0	2.0	3.0	3.0	5.0	.0	T	T	14.0
55-56	.0	.0	.0	.0	2.0	T	4.0	.0	9.1	2.0	.0	.0	17.1
56-57	.0	.0	.0	.0	16.0	4.0	7.0	.0	10.5	18.0	5.0	.0	60.5
57-58	.0	.0	.0	.0	3.0	4.0	4.0	1.5	15.5	4.0	.0	.0	32.0
58-59	.0	.0	.0	.0	6.0	4.0		4.5	.0	.0	.0	.0	
59-60	.0	.0	.0	.0	1.0						.0	.0	
60-61	.0	.2	.0	4.0	T		2.0	1.2				.0	
61-62	.0	.0	.0	.0	5.0	5.0	10.0				.0	.0	
62-63	.0	.0	T	T	5.5	1.5	7.5	1.5	11.0	T	.0	.0	27.0
63-64	.0	.0	.0	.5	3.5	4.0	4.3	7.0	9.0	5.0	2.0	.0	35.3
64-65	.0	.0	T	.0	6.1	.5	3.5	9.1	8.0	T	.0	.0	27.2
65-66	.0	.0	.5	T	T	4.0	6.0	3.5	4.0	1.0	1.0	.0	20.0
66-67	.0	.0	.0	7.0	.5	2.0	2.5	T	2.0	2.0	T	.0	16.0
67-68	.0	.0	.0	1.0	4.0	6.0	2.0	2.0	4.0	4.0	1.0	.0	24.0
68-69	.0	.0	.0	2.0	5.0	5.0	T	T	6.0	1.5	.0	.0	19.5
69-70	.0	.0	.0	22.0	4.0	5.0	.5	1.6	11.0	2.0	.0	.0	45.5

CLIMATOLOGY REPORT NO. 77-1

GEORGETOWN

05 3261 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	56.7	16.4	26.6	60.	1959	12	-26.	1963	12	0.0	8.9	30.2	2.3	.51	.65	1962	8	8.5	15.	1962	9	1.7	.1	0.0
FEB	38.2	16.9	27.6	62.	1963	6	-20.	1951	1	0.0	7.6	26.7	2.4	.60	.50	1953	9	9.8	7.	1966	8	2.5	0.0	0.0
MAR	41.6	18.6	30.1	65.	1956	24	-12.	1965	19	0.0	5.1	29.9	1.4	1.15	.90	1953	30	14.4	10.	1970	31	4.7	.1	0.0
APR	51.1	26.5	38.8	76.	1960	9	-3.	1959	12	0.0	1.3	22.6	.1	1.57	1.50	1957	2	15.0	22.	1957	2	4.6	.5	.1
MAY	62.1	35.3	48.8	78.	1966	30	12.	1953	13	0.0	.1	9.5	0.0	1.96	3.95	1969	7	4.7	18.	1969	7	4.3	.9	.3
JUN.	72.7	42.7	57.7	92.	1954	23	24.	1951	3	.1	0.0	.8	0.0	1.50	1.40	1963	16	.3	0.	0	0	4.7	.5	.2
JUL	78.3	49.4	63.9	92.	1954	12	36.	1952	8	.3	0.0	0.0	0.0	2.27	1.21	1965	31	0.0	0.	0	0	7.4	.8	.2
AUG	75.7	48.2	61.9	88.	1958	9	34.	1962	31	0.0	0.0	0.0	0.0	2.45	1.39	1961	17	0.0	0.	0	0	8.3	1.1	.1
SEP	69.6	41.0	55.3	86.	1960	4	14.	1959	30	0.0	0.0	3.6	0.0	1.51	1.84	1970	22	2.1	10.	1961	3	4.2	.9	.1
OCT	60.3	33.8	47.0	76.	1954	1	13.	1959	31	0.0	.1	12.7	0.0	.95	1.10	1969	3	6.4	20.	1969	5	3.3	.6	.1
NOV	45.5	23.9	34.7	68.	1954	6	-6.	1952	23	0.0	2.9	25.2	.6	.73	.48	1953	4	11.9	9.	1964	16	2.6	0.0	0.0
DEC	38.0	18.5	28.2	60.	1965	4	-14.	1963	11	0.0	7.4	29.6	1.6	.70	.85	1951	30	5.1	14.	1951	30	2.3	.2	0.0
ANNUAL	55.7	32.9	43.3							0.	33.	19.1	8.	15.9				78.				50.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.07	.20	.45	.34	.41	.32	.93	.67	.20	.08	.21	.10	9.91
.10	.11	.36	.50	.48	.59	.45	1.14	.90	.32	.14	.28	.16	11.04
.20	.18	.50	.71	.71	.88	.67	1.43	1.25	.50	.26	.38	.26	12.51
.30	.25	.54	.92	.92	1.14	.87	1.67	1.55	.64	.38	.56	.36	13.66
.40	.33	.68	.96	1.13	1.40	.97	1.90	1.85	.87	.54	.78	.47	14.69
.50	.41	.85	1.08	1.35	1.69	1.24	2.13	2.05	1.18	.71	.97	.56	15.76
.60	.51	1.08	1.21	1.60	2.00	1.53	2.38	2.28	1.50	.91	1.27	.70	16.70
.70	.62	1.26	1.36	1.90	2.38	1.82	2.66	2.53	1.85	1.16	1.47	.86	17.94
.80	.78	1.44	1.55	2.30	2.69	2.20	3.03	2.84	2.32	1.51	1.83	1.08	19.39
.90	1.03	1.61	1.85	2.93	3.64	2.81	3.58	3.43	3.10	2.09	2.27	1.43	21.53
.95	1.28	1.88	2.12	3.53	4.45	3.39	4.09	5.14	3.85	2.67	1.49	1.76	23.40
ALPHA	1.65	3.93	4.93	2.36	2.30	2.31	5.34	2.99	1.61	1.21	3.24	1.69	15.10
BETA	.31	.23	.23	.66	.85	.65	.42	.82	.94	.78	.22	.42	1.06
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.92	.87	1.25	1.84	2.56	2.11	1.39	2.01	1.02	.85	1.03	2.73	18.58
1952	.26	.27	1.59	2.58	2.43	.37	1.80	2.20	.40	.06	2.13	.32	14.41
1953	.23	1.04	1.27	2.35	1.95	1.78	2.85	1.24	.35	.43	1.24	.56	15.33
1954	.28	.11	.87	.97	1.01	.93	2.07	1.41	1.73	1.06	.83	.36	11.63
1955	.05	.56	.91	.28	2.46	.54	3.04	4.69	.85	.66	1.10	.51	15.65
1956	.85	.75	.59	2.45	1.90	.69	1.86	1.47	.06	.98	.46	.53	12.59
1957	1.20	.71	1.13	4.25	4.68	1.04	2.77	4.01	.90	1.30	.16	.31	22.46
1958	.23	.35	1.61	1.49	1.66	1.11	1.01	1.43	1.23	.31	.50	.55	11.48
1959	1.04	.64	1.48	1.02	1.51	1.42	1.14	3.23	3.14	2.16	.40	.15	17.33
1960	.35	1.27	1.26	1.60	1.54	1.15	2.08	.42	1.32	1.76	.34	1.18	14.27
1961	.10	.50	1.68	.94	1.73	2.13	2.94	5.60	4.35	.87	.57	.26	21.67
1962	1.22	.36	.44	1.71	.60	.70	1.42	.65	.52	.39	.51	.23	8.75
1963	.68	.91	1.00	.12	.58	2.26	1.59	4.40	2.10	.51	.56	.92	15.63
1964	.18	.540	1.05	.81	1.06	1.43	3.02	1.61	.78	.03	1.29	1.69	13.49*
1965	.64	.49	1.75	2.25	1.17	3.64	6.40	2.67	1.09	.25	.44	.37	21.16
1966	.14	.44	.28	1.59	1.20	1.20	1.96	2.68	1.21	.89	.50	.91	13.00
1967	.32	.85	.92	1.12									
1968						.17	2.18	2.72	1.51	.47	.67	.22	
1969	.74	.31	.69	1.28E	6.82	3.46	1.36	1.88	2.30	3.96	.42	1.380	24.60*
1970	.23	.48	2.16	1.09	.44	2.29	2.21	2.18	3.84	1.16	.67	.20	16.95

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							18.1	13.0	13.9	18.0	T	T	
51-52	.0	.0			16.4			5.5	16.5			.0	
52-53	.0	.0	.0	T								.0	
53-54	.0	T	.0	T	8.0		5.0			8.0	5.0	T	
54-55	.0	.0	.0	9.0			.5				T	.0	
55-56	.0	.0	.0								.0	.0	
56-57	.0	.0	.0	.0			17.7		11.0		12.0	.0	
57-58	.0	.0	.0	.0		2.0					.0	T	
58-59	.0	.0		.3			17.2	12.4		14.8	5.7	.0	
59-60	.0	.0	12.7		6.3	2.0	5.8	19.0	22.2	11.6	10.0	.0	
60-61	.0	.0	.0	4.6	1.5			5.0				.0	
61-62	.0	.0	12.0		17.5			7.0	8.1		T	1.0	
62-63	.0	.0	.0	T						2.3	.0	.0	
63-64	.0	.0	.0	1.0								T	
64-65	.0	.0	T	.0	26.0		1.7			29.7	.0	T	
65-66	.0	.0	T	T		5.0			4.7		7.0	.0	
66-67	.0	.0	.0	8.0	11.0	4.9	5.0	13.9	14.4	19.3			
67-68												.0	
68-69	.0	.0	T	3.0	13.0	2.0	10.5	5.0	10.0		21.0	1.0	
69-70	.0	.0	.0	50.5	6.0	15.0	4.0	7.0	29.0	16.6	5.0	4.0	137.1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.5	29.5	29.1	37.4	48.1	52.8	64.9	61.7	53.8M	43.4	31.0	24.6	41.7*
1952	25.9	26.6	27.2	40.5	48.3	61.5	63.2	61.9	57.9	49.6M	28.7	27.7	43.3*
1953	32.7	26.3	34.9	34.9	44.3	60.2	65.4	61.8M	57.8	46.7	37.6	25.8	44.0*
1954	32.0	36.4	29.5M	44.9	50.1	59.3	66.6	63.2	57.2	48.2	39.0	30.0	46.4*
1955	25.2	22.1	30.3	39.6	47.9	55.4	65.2M	62.7	56.7	47.6	32.0	31.0	43.0*
1956	31.0	23.0	32.2	39.0M	52.2	62.4	62.5	60.3	59.1	47.9	31.4	30.9	44.3*
1957	23.9	34.4	32.0	34.6	45.0	56.3	63.6	62.8	53.9	45.3	30.3M	31.1M	42.8*
1958	27.9M	32.7	27.4	35.5	52.3	59.0	61.6M	64.7	56.7	47.3M	36.9M	32.0M	44.5*
1959	26.9	27.0	29.5	37.9	46.4M	61.1	62.6M	62.3M	51.9	42.3M	33.8M	31.7M	42.8*
1960	25.3	20.3	33.5	42.0	48.3	58.8M	62.9	64.0	57.5	45.3	35.4	27.9	43.4*
1961	28.6	30.1	32.0	36.0M	49.0	57.9	61.5	61.1	49.3	45.5M	31.6	22.8	42.1*
1962	23.8	30.0	27.4	43.0	48.9	55.4	62.3	62.4	56.2	49.6	39.0	32.2	44.2
1963	20.3	30.4	31.4	40.4	51.6	57.5	65.9	60.6	58.3	51.2	38.0	28.7	44.5
1964	23.4	21.4	26.3	36.7	49.5	55.6	65.6	59.6	54.2	46.9	33.8	26.6	41.6
1965	29.4	27.0	23.3	39.5	46.7	54.3	62.0	59.5	48.6	50.4	38.7	32.5	42.7
1966	25.6	23.8	35.8	39.1	51.4	56.4	66.5	62.3	56.4	45.4	38.3	27.9	44.1
1967												16.8M	
1968													
1969													
1970													

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GLENWOOD SPGS 1N

05 3359 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS				EXTREMES							MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	36.3	12.2	24.3	56.	1956	8	-26.	1963	12	0.0	8.8	30.7	4.8	1.67	1.30	1952	19	18.5	27.	1957	29	3.7	.6	.1
FEB	42.0	16.3	29.2	63.	1962	11	-26.	1951	1	0.0	3.5	27.2	2.2	1.17	1.30	1967	7	11.7	15.	1969	9	3.9	.5	.1
MAR	49.5	22.3	36.0	78.	1966	28	-10.	1966	6	0.0	1.1	28.3	.5	1.13	.75	1961	3	8.5	10.	1960	2	3.8	.3	0.0
APR	61.3	31.1	46.2	87.	1969	20	2.	1966	5	0.0	0.0	16.9	0.0	1.58	.88	1959	27	2.6	2.	1953	8	5.1	.8	0.0
MAY	72.6	38.8	55.7	90.	1956	31	19.	1967	4	0.0	0.0	4.0	0.0	1.15	.90	1957	19	0.0	0.	0	0	3.9	.5	0.0
JUN	82.8	44.7	63.8	102.	1954	23	27.	1954	2	5.7	0.0	.3	0.0	1.22	3.20	1969	24	0.0	0.	0	0	2.9	.4	.1
JUL	89.4	51.4	70.4	100.	1964	6	36.	1968	1	16.9	0.0	0.0	0.0	1.13	.93	1956	2	0.0	0.	0	0	3.3	.4	0.0
AUG	86.0	49.6	67.8	100.	1958	12	32.	1964	21	9.3	0.0	0.0	0.0	1.67	1.45	1970	21	0.0	0.	0	0	4.8	.4	.1
SEP	77.9	41.2	59.6	95.	1955	4	24.	1970	26	.8	0.0	2.0	0.0	1.46	1.03	1961	22	0.0	0.	0	0	4.1	.9	.1
OCT	66.5	31.8	49.1	85.	1957	1	10.	1970	28	0.0	0.0	16.4	0.0	1.45	.96	1969	18	.1	3.	1969	16	3.8	.9	0.0
NOV	49.2	21.8	35.5	71.	1952	1	-9.	1952	27	0.0	1.4	27.4	.4	1.10	.84	1970	26	4.1	8.	1954	30	4.0	.4	0.0
DEC	37.4	13.5	25.5	56.	1965	27	-15.	1967	31	0.0	8.1	30.6	3.1	1.31	1.47	1951	30	17.8	19.	1951	31	3.9	.4	.1
ANNUAL	62.6	31.3	47.0							33.	25.	184.	11.	16.0				63.				47.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.20	.08	.11	.49	.35	.18	.18	.66	.07	0.00	0.00	.38	9.58
.10	.34	.15	.19	.64	.47	.29	.27	.81	.15	.16	.35	.50	10.72
.20	.57	.25	.35	.86	.63	.46	.44	1.03	.32	.39	.55	.69	12.21
.30	.81	.44	.51	1.05	.77	.63	.59	1.21	.52	.61	.71	.85	13.36
.40	1.05	.64	.68	1.24	.90	.81	.75	1.38	.74	.85	.86	1.01	14.43
.50	1.33	.87	.87	1.43	1.04	1.00	.93	1.56	1.01	1.11	1.01	1.18	15.47
.60	1.65	1.20	1.10	1.64	1.19	1.22	1.13	1.75	1.34	1.41	1.17	1.36	16.55
.70	2.05	1.53	1.38	1.89	1.37	1.50	1.38	1.96	1.76	1.79	1.36	1.58	17.76
.80	2.58	1.73	1.77	2.21	1.61	1.86	1.71	2.24	2.36	2.31	1.61	1.86	19.25
.90	3.47	2.20	2.42	2.70	1.97	2.46	2.25	2.67	3.38	3.17	1.99	2.30	21.45
.95	4.32	2.65	3.06	3.16	2.30	3.03	2.77	3.05	4.40	4.01	2.34	2.71	23.39
ALPHA	1.54	2.34	1.35	3.52	3.54	1.76	1.81	4.99	.99	1.40	3.35	3.18	14.01
BETA	1.09	.50	.84	.45	.32	.69	.62	.33	1.48	1.09	.35	.41	1.13
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.09	.35	.41	1.13

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.25	1.45	1.16	2.90	.97	1.28	.92	2.61	.90	1.85	1.64	4.45	22.38
1952	6.01	.86	2.90	1.64	1.03	1.20	1.48	2.22	.53	.00		1.08	
1953	1.46	.58	1.31	1.71	1.82	1.52	1.72	3.14	.03	1.62	1.11	.60	16.62
1954	.97	.60	1.92	1.48	.93	.49	1.51	2.03	3.01	1.62	1.17	1.07	16.80
1955	1.44	1.85	.37	.95	1.45	.70	.58	.81	.34	1.18	1.57	1.23	12.47
1956	2.00	1.74	.20	2.16	.41	.23	2.01	.87	.09	1.22	.61	.90	12.44
1957	3.63D	1.10	1.44	2.97	3.15	2.21	.67	1.95	.22	2.21	1.96	1.22	22.73*
1958	.46	1.42	1.24	.69	.38	.17	.82	.43	1.84	.56	1.50	1.13	10.64
1959	1.27	2.25	.36	1.81	.96	2.45	.49	1.75	3.33	2.03	.23	.58	17.93
1960	.57	1.27	2.43	1.19	.69	.68	.10	.97	1.19	.80	1.28	.84	12.01
1961	.15	.74	2.05	1.98	1.86	.40	.20	1.89	5.38	1.66	1.08	1.05	18.44
1962	1.98	3.21	.60	1.88	1.25	.79	.29	1.10	1.13	1.44	.40	.40	14.47
1963	1.89	1.85	1.46	1.29	.83	1.17	1.51	2.60	1.37	1.84	1.13	.29	16.43
1964	.79	.14	1.12	2.40	1.52	1.19	.90	1.97	1.23	.31	1.58	2.01	15.16
1965	1.34	.49	1.28	.27	1.11	.84	3.28	1.17	1.78	.02	.46	2.06	14.10
1966	.43	.20	.04	.54	1.03	.44	.33	1.46	.11	1.97	.00	1.77	8.28
1967	.44E	1.90	.75D	.67D	.78	1.87	2.11	1.41	1.59	.13	.69	.78	13.13*
1968	.38	1.09	.14	1.51	1.83	.46	.60	1.91	.46	1.20	1.33D	1.37	12.28*
1969	4.01	.91D	.17	.99	.55	4.92	1.48	.88	1.91	4.08	.60	1.53D	22.03*
1970	2.00D	.63	1.73	2.49D	.38	1.49	1.61	2.17	2.80	3.22	2.58D	1.54	22.64*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							24.9	13.0	9.7	.4	T	T	
51-52	T	.0	.0	2.5	17.5	51.5	30.7	12.8	28.9	T	.0	.0	143.9
52-53	.0	.0	.0	.0			15.5	7.0	7.7	8.7	T	.0	
53-54	.0	T	.0	.0				2.5	4.0	.0	.0	.0	
54-55	.0	.0	.0	.0	8.0			22.0	T	.0	.0	.0	
55-56	.0	.0	.0	.0					4.0	.0	.0	.0	
56-57	.0	.0	.0	.0				1.8	7.0	.0	.0	.0	
57-58	.0	.0	.0	.0	10.0	27.0	10.1	18.5	7.9	1.5	.0	.0	75.0
58-59	.0	.0	.0	.0	3.0	13.0	18.1	35.0	.0	3.5	.0	.0	72.6
59-60	.0	.0	.0	.0	1.5	19.5	16.0	12.0	10.0	T	T	.0	59.0
60-61	.0	.0	.0	T		12.3	2.3	8.5	15.0	3.5	T	.0	
61-62	.0	.0	T		4.0	19.3	27.0	24.8	8.5	4.5	.0	.0	
62-63	.0	.0	.0	.0	3.0	8.0	28.5	7.0	16.5	5.5	.0	.0	68.5
63-64	.0	.0	.0	.0	T	5.5	18.0	2.8	16.6	5.0	.0	.0	47.9
64-65	.0	.0	.0	.0				.7	8.0	.5	.0	.0	
65-66	.0	.0	T	.0	.0	T			.3		.0	.0	
66-67	.0	.0	.0	.0	.0						.0	.0	
67-68	.0	.0	.0	T	.5	22.5	10.5	11.5	.0	.0	.0	.0	45.0
68-69	.0	.0	.0	.0				12.5	5.0	.0	.0	.0	
69-70	.0	.0	.0		4.0	14.3	20.0	6.0	12.5	11.5	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	35.9	42.2	50.1	59.9	72.8	78.8	91.2	84.6	79.8	63.5	45.2	33.5	61.5
1952	33.0	36.0	42.8	63.0	73.2	84.9	88.8	85.1	81.3	73.1	46.1	35.4	61.9
1953	41.0	42.6	53.5	57.3	65.8	84.4	87.7	83.0	82.6	70.1	53.6	37.4	63.3
1954	42.5	52.2	49.3	67.6	76.3	85.1	91.3	86.7	77.3	67.5	55.2	34.9	65.5
1955	33.0	34.8	47.2	61.7	72.3	81.2	92.5	88.6	82.5	68.4	44.4	39.4	62.2
1956	41.5	35.4	52.5	61.3	74.4	87.3	88.5	84.3	84.1	69.0	43.3	34.5	63.0
1957	32.8	44.9	52.5	57.7	65.9	79.9	86.8	84.3	77.6	64.3	42.4	37.7	60.6
1958	36.6	45.0	48.0	58.5	77.8	87.3	88.7	91.3	78.2	69.0	51.0	42.7	64.5
1959	38.2	41.0	50.2	61.4	72.0	87.2	90.4	85.4	74.0	62.7	50.8	42.5	63.0
1960	34.4	35.3	50.7	64.2	72.1	86.5	91.8	89.2	79.8	64.8	51.7	38.0	63.2
1961	40.8	44.6	49.5	58.8	72.5	86.0	88.9	87.1	67.8	63.0	45.7	32.7	61.5
1962	30.8	41.6	46.0	65.6	71.2	82.4	87.2	86.3	79.1	69.1	55.6	41.4	63.0
1963	29.9	47.9	51.2	61.9	76.1	81.8	89.6	82.5	80.6	71.7	52.6	38.2	63.7
1964	32.7	36.3	42.9	57.7	71.6	79.9	93.2	84.2	76.2	70.9	47.3	34.7	60.6
1965	38.4	41.8	45.1	60.1	70.0	78.3	85.6	83.3	70.5	71.4	52.0	42.7M	61.6*
1966	41.4	42.1	58.9	65.4	75.7	82.7	91.9	86.2	80.5	64.5	53.8	36.5	65.0
1967	36.1	45.3	45.3	68.8	76.8	87.6	87.6	84.8	77.7	66.8	52.7	31.4	62.9
1968	33.6	42.9	53.5	56.3	68.7M	84.2	87.8	82.9	76.1	66.5	43.5	35.3	60.9*
1969	38.4	40.0	49.4	68.7	78.3	79.5	89.0	90.3	77.8	55.3	48.5	39.4	62.9
1970	35.6	47.4	48.1	56.5	76.2	82.7	88.7	89.8	75.0	58.1	48.4	39.2	62.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.5	17.1	23.4	33.1	40.2	42.9	52.3	51.1	38.4	32.8	18.7	12.2	31.1
1952	12.5	11.4	18.6	33.9	40.1	47.0	52.3	52.6	44.1	31.1	20.4	12.6	31.4
1953	19.2	15.7	25.7	30.5	37.0	46.0	54.6	48.8	40.2	33.1	25.1	14.9	32.6
1954	18.4	21.9	23.0	32.6	40.1	43.9	55.0	49.5	46.8	35.9	26.2	11.9	33.8
1955	12.0	8.3	21.5	28.3	38.0	44.1	52.5	54.2	42.1	33.1	22.3	20.7	31.4
1956	22.1	11.9	21.7	33.7	42.5	47.6	51.5	47.8	40.3	33.4	18.3	10.5	31.8
1957	14.2	22.6	25.8	32.8	38.5	44.8	52.0	51.5	39.1	36.5	21.5	14.7	32.8
1958	10.0	22.7	24.6	31.0	40.1	44.8	47.6	49.9	43.7	33.0	22.7	19.9	32.5
1959	15.2	17.2	23.6	31.3	39.7	47.6	49.6	50.2	42.1	33.6	21.4	18.3	32.5
1960	16.5	18.1	29.3	33.3	41.2	47.2	52.1	49.3	46.5	34.5	23.6	14.2	33.8
1961	9.2	18.5	27.5	31.8	40.6	47.7	52.4	53.9	40.6	33.6	24.7	14.0	32.9
1962	8.4	22.9	21.0	34.5	39.3	44.5	48.5	47.7	43.3	33.9M	28.3	17.6	32.5*
1963	7.9	24.8	26.0	33.9M	40.9	45.1M	53.2	53.7	46.5	37.2	24.4	12.7	33.9*
1964	5.0	8.7	15.6	29.5	37.1M	42.4	51.7	46.1	37.9	29.3	19.8	13.2	28.0*
1965	14.8	11.9	17.1	27.6	33.3	44.8	52.0	48.5	38.3	29.0	24.0	12.7M	29.5*
1966	3.1	4.4	11.8	26.0	36.3	41.3	51.9	45.3	39.4	26.9	19.6	7.6	26.1
1967	10.0	13.7	24.5	29.3	33.4	39.7	47.0	44.9	37.8	25.8	16.9	6.4	30.4
1968	9.4	22.1	24.5	29.3	38.2	44.9	50.4	47.3	37.4	30.5	20.2	10.8	30.4
1969	15.5	13.9	18.8	30.5	39.9	42.2	50.5	49.4	40.7	26.3	16.1	12.9	29.7
1970	9.8	18.0	24.7	27.8M	38.9	44.8	50.6	49.4	37.9	25.7M	21.8	12.9	30.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.7	29.7	36.8	46.5	56.5	60.9	71.8	67.9	59.1	48.2	32.0	22.9	46.3
1952	22.8	23.7	30.7	48.5	56.7	66.0	70.6	68.9	62.7	52.1	33.3	24.0	46.7
1953	30.1	29.2	39.6	43.9	51.4	65.2	71.2	65.9	61.4	51.6	39.4	26.2	47.9
1954	30.5	37.1	36.2	50.1	58.2	64.5	73.2	68.1	62.1	51.7	40.7	23.4	49.7
1955	22.5	21.6	34.4	45.0	55.2	62.7	72.5	71.4	62.3	50.8	33.4	30.1	46.8
1956	31.8	23.7	37.1	47.5	58.5	67.5	70.0	66.1	62.2	51.2	30.8	22.5	47.4
1957	23.5	33.8	39.2	45.3	52.2	62.4	69.4	67.9	58.4	50.4	32.0	26.2	46.7
1958	23.3	33.9	36.3	44.8	59.0	66.1	68.2	70.6	61.0	51.0	36.9	31.3	48.5
1959	26.7	29.1	36.9	46.5	55.9	67.4	70.0	67.8	58.1	48.2	36.1	30.4	47.8
1960	25.5	26.7	40.0	48.8	56.7	66.9	72.0	69.3	63.2	49.7	37.7	26.1	48.6
1961	25.0	31.6	38.5	45.3	56.6	66.9	70.7	70.5	54.2	48.3	35.2	23.4	47.2
1962	19.6	32.3	33.5	50.1	55.3	63.5	67.9	67.0	61.2	51.5M	42.0	29.5	47.8*
1963	18.9	36.4	38.6	47.5M	58.5	63.5M	71.4	68.1	63.6	54.5	38.5	25.5	48.8*
1964	18.9	22.5	29.3	43.6	54.4M	61.2	72.5	65.2	57.1	50.1	33.6	24.0	44.4*
1965	26.6	26.9	31.1	43.9	51.7	61.6	68.8	65.9	54.4	50.2	38.0	27.7M	45.6*
1966	22.3	23.3	35.4	45.7	56.0	62.0	71.9	65.8	60.0	45.7	36.7	22.1	45.6
1967	23.1	29.5			51.1	58.3	67.3	64.9	57.8	46.3	34.8	18.9	
1968	21.5	32.5	39.0	42.8	53.5M	64.6	69.1	65.1	56.8	48.5	31.9	23.1	45.7*
1969	27.0	27.0	34.1	49.6	59.1	60.9	69.8	69.9	59.3	40.8	32.3	26.2	46.3
1970	22.7	32.7	36.4	42.2M	57.6	63.8	69.7	69.6	56.5	41.9M	35.1	26.1	46.2*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GRAND JCT WBAP

05 3488 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	36.6	16.7	26.7	60.	1956	8	-23.	1963	13	0.0	9.3	30.3	2.3	.64	.64	1956	16	6.6	16.	1957	27	2.4	.1	0.0
FEB	44.2	23.6	33.9	67.	1962	11	-14.	1951	1	0.0	2.8	24.9	.5	.59	.47	1956	16	4.5	12.	1957	1	2.2	0.0	0.0
MAR	53.0	29.4	41.2	76.	1966	31	9.	1955	21	0.0	.4	20.1	0.0	.65	.63	1970	2	4.3	8.	1960	2	2.4	.2	0.0
APR	64.4	38.4	51.4	86.	1962	19	20.	1951	11	0.0	0.0	7.0	0.0	.72	.86	1965	27	.8	4.	1955	11	2.4	.4	0.0
MAY	76.0	48.6	62.3	95.	1956	31	26.	1970	2	1.4	0.0	.4	0.0	.67	.56	1968	10	0.0	0.	0	0	2.4	.2	0.0
JUN	86.6	57.3	71.9	103.	1970	26	38.	1968	30	12.1	0.0	0.0	0.0	.51	1.08	1969	24	0.0	0.	0	0	1.6	.2	.1
JUL	93.2	64.5	78.8	102.	1970	14	48.	1968	1	24.8	0.0	0.0	0.0	.41	.73	1963	9	0.0	0.	0	0	1.3	.1	0.0
AUG	89.0	61.6	75.3	103.	1969	6	43.	1968	23	16.8	0.0	0.0	0.0	1.07	1.21	1953	1	0.0	0.	0	0	2.7	.5	0.0
SEP	80.9	52.8	66.9	96.	1954	1	34.	1970	26	3.4	0.0	0.0	0.0	.82	1.05	1965	18	.2	2.	1965	18	2.6	.4	.1
OCT	68.0	41.6	54.9	88.	1963	1	23.	1970	28	0.0	0.0	3.1	0.0	.87	.78	1953	23	.4	1.	1956	24	2.8	.4	0.0
NOV	51.0	28.8	39.9	72.	1958	10	4.	1952	27	0.0	1.0	21.4	0.0	.62	.77	1953	18	2.9	8.	1954	29	2.0	.2	0.0
DEC	38.6	18.7	28.6	64.	1955	24	-12.	1962	26	0.0	7.0	29.6	1.2	.61	1.16	1951	30	5.5	7.	1967	18	1.9	.1	0.0
ANNUAL	65.1	40.2	52.7							59.	21.	137.	4.	8.2				25.				27.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.07	.07	.11	0.00	0.00	.05	.14	0.00	0.00	.19	.13	4.61
.10	.19	.12	.12	.17	.08	.05	.08	.23	.04	0.00	.24	.18	5.24
.20	.31	.20	.21	.27	.19	.12	.14	.38	.14	.25	.33	.27	6.08
.30	.40	.28	.30	.37	.30	.20	.19	.53	.26	.40	.41	.35	6.74
.40	.49	.37	.40	.48	.40	.25	.25	.69	.39	.55	.48	.44	7.34
.50	.58	.48	.50	.59	.52	.36	.32	.86	.55	.71	.56	.53	7.93
.60	.67	.58	.63	.72	.66	.49	.40	1.07	.74	.89	.64	.63	8.56
.70	.79	.72	.79	.88	.83	.63	.50	1.31	.99	1.10	.74	.75	9.26
.80	.94	.91	1.01	1.10	1.06	.82	.63	1.65	1.35	1.39	.87	.91	10.13
.90	1.17	1.23	1.36	1.45	1.44	1.14	.85	2.19	1.96	1.85	1.07	1.16	11.52
.95	1.38	1.53	1.71	1.78	1.81	1.45	1.06	2.72	2.57	2.30	1.26	1.41	12.56
ALPHA	3.09	1.52	1.44	1.75	1.49	1.27	1.49	1.63	.97	1.82	3.35	2.25	11.21
BETA	.22	.39	.45	.41	.47	.42	.27	.66	.89	.53	.18	.27	.73
Q	.05	0.00	0.00	0.00	.05	.05	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.78	.83	.25	.56	.64	.28	.19	1.16	.32	1.27	.25	1.89	8.42
1952	.48	.38	.70	.57	.44	.26	.26	1.25	.39	.00	.52	.56	5.81
1953	.53	.16	1.20	.71	.42	.17	.19	2.81	T	1.48	1.22	.34	9.23
1954	.35	.27	.87	.52	.54	.39	.40	.59	2.51	.83	1.69	.36	9.32
1955	.61	1.05	.17	1.13	1.30	.24	.48	.85	.38	.02	.34	.18	6.75
1956	1.07	.70	.07	.24	.26	.30	.53	.04	.01	.54	.18	.47	4.41
1957	2.46	.63	.73	1.51	1.79	.61	.57	3.48	.09	2.24	1.15	.43	15.69
1958	.55	.70	.84	.06	.34	.76	.06	.70	1.34	.33	.52	.11	6.31
1959	.36	.90	.10	.45	.39	.09	.08	.98	.82	.66	.50	.88	6.21
1960	.33	1.26	1.06	.74	.35	.17	.13	.47	.65	.49	.39	.20	6.24
1961	T	.18	1.47	.85	1.11	T	.03	1.63	2.22	.70	.66	.63	9.48
1962	.39	1.09	.28	.97	.17	.30	.08	.15	1.41	.46	.36	.36	6.02
1963	.59	.47	.55	.12	.01	.61	.93	1.75	.48	.60	.36	.45	7.32
1964	.47	.02	.70	1.37	.41	.16	.65	1.16	.36	T	1.05	.53	6.88
1965	.66	.94	.87	1.95	1.35	1.33	.89	.67	2.52	1.40	.82	.76	14.16
1966	.65	.44	.04	.83	.71	.13	.31	.52	.26	1.23	.62	1.78	7.52
1967	.25	.22	.18	.08	1.52	1.34	1.03	.59	.37	.63	.33	1.14	7.68
1968	.26	1.13	.44	.67	1.14	.05	.49	1.37	.07	.94	.42	.47	7.45
1969	1.03	.40	.67	.33	.45	2.07	.21	.88	1.45	2.01	.45	.36	10.31
1970	.52	.05	1.75	.76	T	.91	.60	.44	.78	1.56	.54	.39	8.30

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T	1.7	8.3	10.1	10.0	1.8	.2	T	.0	
51-52	.0	.0	.0	.0	3.8	7.2	1.9	4.5	6.9	.8	.0	.0	23.3
52-53	.0	.0	.0	T	3.3	3.9	4.2	1.4	8.7	2.6	T	.0	27.9
53-54	.0	T	.0	.0	8.7	1.5	3.0	1.0	3.1	T	.0	T	14.3
54-55	.0	T	.0	.0			4.3	14.9	2.0	5.5	T	T	36.9
55-56	.0	.0	.0	T	4.7	1.5	3.2	9.3	2.5	T	.0	.0	21.2
56-57	.0	.0	.0	1.8	2.3	6.4	33.7	.3	2.7	1.8	.0	.0	49.0
57-58	.0	.0	.0	.0	3.9	4.6	6.2	2.2	1.8	T	.0	.0	18.7
58-59	.0	.0	.0	.0	3.2	1.8	4.5	5.9	.1	T	.0	.0	15.5
59-60	.0	.0	.0	.0	.3	6.6	2.3	13.8	5.9	T	T	.0	28.9
60-61	.0	.0	.0	.0	2.2	1.1	T	1.2	7.8	.6	.0	.0	12.9
61-62	.0	.0	.0	T	1.1	8.1	4.6	6.1	3.0	1.7	.0	.0	24.6
62-63	.0	.0	.0	.0	3.3	4.9	17.7	.2	4.3	.2	.0	.0	30.6
63-64	.0	.0	.0	.0	T	7.0	4.8	.4	8.0	.8	T	.0	21.0
64-65	.0	.0	.0	.0	12.1	3.0	5.9	7.5	3.8	.2	T	.0	32.5
65-66	.0	.0	3.1	.0	2.8	3.5	11.0	5.9	.3	.8	T	.0	27.4
66-67	.0	.0	.0	1.9	4.2	6.3	2.8	T	.2	.4	T	.0	15.8
67-68	.0	.0	.0	T	.5	16.7	3.7	.9	.3	.6	T	.0	22.7
68-69	.0	.0	.0	.0	.2	7.8	3.4	3.8	9.5	T	T	.0	24.7
69-70	.0	.0	.0	.6	.5	4.8	5.2	T	12.4	1.2	.0	.0	24.7

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	35.8	40.3	52.8	64.5	74.8	82.8	94.4	86.8	81.4	64.3	46.0	32.2	63.0
1952	34.3	40.6	46.0	65.2	75.9	88.0	91.5	88.1	83.1	73.4	46.2	36.8	64.1
1953	43.1	44.5	55.5	61.1	69.2	88.8	92.9	86.0	84.4	67.7	52.9	36.4	65.2
1954	43.0	53.9	52.1	73.9	78.6	86.2	93.2	88.3	79.1	68.0	54.3	34.8	66.9
1955	32.2	31.5	49.1	61.4	73.2	82.8	93.2	89.2	84.1	70.2	45.3	45.4	63.1
1956	46.2	41.4	56.1	64.8	78.4	90.3	91.3	87.3	86.2	69.8	45.4	35.4	66.1
1957	32.7	39.2	53.3	59.7	68.0	84.1	89.1	84.9	80.0	63.8	44.4	41.3	61.7
1958	39.5	48.9	49.7	62.0	80.2	89.9	92.5	92.7	80.0	69.6	51.5	46.8	67.0
1959	39.5	45.0	53.5	65.9	75.3	90.6	94.0	88.0	77.1	64.7	50.4	40.9	65.4
1960	34.7	37.8	53.4	65.2	74.8	89.5	94.1	91.7	82.8	65.3	53.7	41.1	65.4
1961	43.3	48.6	52.9	62.4	76.4	91.4	92.9	88.8	70.8	65.7	47.9	32.6	64.5
1962	33.4	46.5	50.0	63.2	74.9	86.0	91.4	91.2	81.3	69.4	55.7	41.3	65.9
1963	22.5	49.4	53.8	63.8	81.0	85.8	94.2	84.5	84.0	75.1	56.4	39.5	65.8
1964	37.2	41.6	49.0	62.4	76.8	85.7	97.0	88.1	81.2	74.0	48.3	38.8	65.0
1965	41.8	42.8	51.3	65.5	74.4	83.9	92.7	90.7	75.9	72.6	58.7	43.4	66.1
1966	36.6	41.1	60.5	63.2	80.0	86.4	95.3	91.9	83.8	70.1	55.2	38.5	67.3
1967	33.9	48.3	61.8	65.9	73.5	82.0	92.3	90.8	81.9	69.9	54.7	27.8	65.2
1968	27.0	45.8	57.5	68.8	72.9	89.1	92.6	84.0	79.5	67.3	48.3	34.0	63.1
1969	37.6	42.9	50.5	69.8	82.1	82.5	94.9	94.6	83.4	58.4	51.3	42.3	65.9
1970	38.7	54.9	50.8	59.7	79.4	86.3	94.2	93.3	78.9	61.1	52.5	42.0	66.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.8	21.1	29.2	38.9	49.4	53.2	64.3	61.0	51.1	40.4	26.3	13.7	38.6
1952	19.5	22.1	26.8	41.0	49.3	58.6	63.0	61.0	54.1	41.4	25.4	19.1	40.1
1953	23.9	21.6	30.2	37.5	43.8	59.2	66.0	59.1	54.0	42.1	32.2	17.8	40.6
1954	22.4	27.5	27.9	42.3	50.2	56.0	66.6	60.6	55.0	41.9	30.8	17.4	41.6
1955	15.6	11.4	27.8	36.4	47.5	56.3	65.6	62.8	55.6	41.5	24.9	26.2	39.3
1956	27.2	20.4	28.5	40.0	50.6	60.5	62.8	59.6	54.9	42.8	23.2	14.3	40.4
1957	17.2	22.8	33.0	39.1	45.5	55.6	63.0	60.8	50.4	44.7	28.2	21.6	40.1
1958	20.0	30.9	30.6	36.4	51.0	61.0	63.5	64.5	54.3	42.0	29.2	24.4	42.3
1959	19.2	26.4	29.0	39.2	50.5	60.8	64.9	62.5	52.0	40.0	25.7	23.5	41.1
1960	18.5	20.9	31.3	40.0	47.9	59.7	64.9	61.4	55.6	42.7	29.3	18.9	40.9
1961	15.4	25.6	31.9	38.2	49.6	60.9	63.9	63.6	47.0	40.1	27.8	13.6	39.8
1962	12.4	29.3	26.7	41.8	48.5	56.6	62.3	60.6	53.4	43.7	32.5	17.3	40.4
1963	1.7	27.7	30.0	38.4	51.6	57.0	65.3	62.6	55.5	47.5	31.6	14.7	40.3
1964	13.7	17.3	24.9	35.1	47.8	54.6	65.5	60.1	52.0	42.0	27.8	21.9	38.8
1965	22.8	22.9	29.5	42.3	50.3	56.7	65.1	62.5	50.8	43.5	37.8	24.2	42.4
1966	12.3	20.0	31.6	38.9	50.7	57.6	66.5	62.1	54.3	42.9	32.5	20.5	40.8
1967	13.8	24.4	35.1	37.3	45.4	55.1	63.0	61.5	53.1	40.6	27.2	8.7	38.8
1968	3.8	28.1	30.1	33.8	45.2	56.4	63.4	56.6	48.9	40.3	27.6	11.4	37.1
1969	19.3	24.2	25.6	37.7	50.7	52.9	65.7	64.4	55.2	36.3	27.1	23.0	40.2
1970	19.9	26.9	28.8	32.1	47.1	56.5	63.9	64.0	49.2	36.4	29.5	21.7	39.7

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.3	30.7	41.0	51.7	62.1	68.0	79.4	73.9	66.3	52.4	36.2	23.0	50.8
1952	26.9	31.4	36.4	53.1	62.6	73.3	77.3	74.6	68.6	57.4	35.8	28.0	52.1
1953	33.5	33.1	43.1	49.3	56.5	74.0	79.5	72.6	69.2	54.9	42.6	27.1	53.0
1954	32.7	40.7	40.0	56.6	64.4	71.1	79.9	74.5	67.1	55.0	42.6	26.1	54.2
1955	23.9	21.5	38.5	48.9	60.4	69.6	79.4	76.0	69.9	55.9	35.1	35.8	51.2
1956	36.7	30.9	42.3	52.4	64.5	75.4	77.1	73.5	70.6	56.3	34.3	24.9	53.2
1957	25.0	31.0	43.2	48.9	56.8	69.9	76.1	72.9	65.2	54.3	36.3	31.5	50.9
1958	29.8	39.9	40.2	49.2	65.6	75.5	78.0	78.6	67.2	55.8	40.6	35.6	54.7
1959	29.4	35.7	41.3	52.6	62.9	75.7	79.5	75.3	64.6	52.4	38.1	32.2	53.3
1960	26.6	29.4	42.4	53.1	61.4	74.6	79.5	76.6	69.2	54.0	41.5	30.0	53.2
1961	29.4	37.1	42.4	50.3	63.0	76.2	78.4	76.2	58.9	52.9	37.9	23.1	52.2
1962	22.9	37.9	38.4	55.5	61.7	71.3	76.9	75.9	67.4	56.6	44.1	29.3	53.2
1963	12.1	38.6	41.9	51.1	66.3	71.4	79.8	73.6	69.8	61.3	44.0	27.1	53.1
1964	25.5	29.5	37.0	50.3	62.3	70.2	81.3	74.1	66.6	58.0	38.1	30.4	51.9
1965	32.3	32.9	40.4	53.9	62.4	70.3	78.9	76.6	63.4	58.1	48.3	33.8	54.3
1966	24.5	30.6	46.1	53.6	65.4	72.0	80.9	77.0	69.1	56.5	43.9	29.5	54.1
1967	23.9	36.4	48.5	51.6	59.5	68.6	77.7	76.2	67.5	55.3	41.0	18.3	52.0
1968	15.4	37.0	43.8	46.3	59.1	72.8	78.0	70.3	64.2	53.8	38.0	22.7	50.1
1969	28.5	33.6	38.1	53.8	66.4	67.7	80.3	79.5	69.3	47.4	39.2	32.7	53.0
1970	29.3	40.9	39.8	45.9	63.3	71.4	79.1	78.7	64.1	48.8	41.0	31.9	52.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GRAND LAKE 1NW

05 3496 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEAN'S			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	30.3	.5	15.5	50.	1954	7	-43.	1963	13	0.0	17.7	31.0	14.5	1.68	.70	1963	31	30.6	48.	1952	25	6.2	.3	0.0
FEB	33.1	2.1	17.7	56.	1962	11	-40.	1951	1	0.0	12.6	27.9	11.6	1.39	.59	1968	12	22.6	48.	1952	5	5.8	.2	0.0
MAR	37.8	7.0	22.4	57.	1953	28	-30.	1965	3	0.0	7.8	30.5	8.1	1.55	.75	1964	3	23.5	56.	1952	26	5.7	.2	0.0
APR	47.5	17.8	32.7	67.	1969	22	-13.	1970	4	0.0	1.8	29.8	.9	1.76	.81	1962	7	18.4	53.	1952	1	6.8	.6	0.0
MAY	59.2	25.9	42.6	76.	1960	12	6.	1970	1	0.0	0.0	29.1	0.0	1.74	1.97	1969	7	5.1	14.	1957	1	6.0	.4	.1
JUN.	68.7	31.1	49.9	87.	1954	23	17.	1954	3	0.0	0.0	19.3	0.0	1.87	.95	1959	28	.1	1.	1961	3	5.2	1.2	0.0
JUL	75.1	36.0	55.6	90.	1954	12	21.	1959	2	0.0	0.0	8.3	0.0	2.12	1.38	1953	11	0.0	0.	0	0	6.2	.7	0.0
AUG	73.1	35.5	54.4	89.	1960	31	22.	1964	30	0.0	0.0	9.3	0.0	2.36	1.45	1954	5	0.0	0.	0	0	6.8	.8	.1
SEP	67.4	27.8	47.7	86.	1959	4	7.	1961	25	0.0	0.0	24.7	0.0	1.68	1.85	1961	22	2.2	12.	1961	22	4.8	1.1	.1
OCT	56.7	21.5	38.6	74.	1957	1	2.	1970	27	0.0	.3	29.8	0.0	1.05	1.59	1969	3	4.3	18.	1969	4	3.3	.4	.1
NOV	43.7	13.1	25.4	62.	1953	1	-28.	1957	22	0.0	6.8	30.0	6.0	1.28	.80	1968	9	18.5	22.	1955	18	4.5	.2	0.0
DEC	31.8	2.3	17.1	52.	1956	1	-29.	1956	9	0.0	15.9	30.7	13.7	1.71	1.00	1966	6	30.0	47.	1951	30	4.9	.7	.1
ANNUAL	51.8	18.1	35.0							0.	63.	300.	55.	20.2				155.				66.	7.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.49	.55	.51	.57	.65	.51	.78	.97	.27	0.00	.51	.45	15.03
.10	.65	.68	.66	.74	.81	.69	.98	1.18	.42	.14	.63	.61	17.00
.20	.89	.86	.87	.98	1.05	.96	1.26	1.49	.62	.32	.80	.86	17.33
.30	1.10	1.01	1.05	1.20	1.24	1.19	1.50	1.74	.90	.56	.93	.98	18.10
.40	1.30	1.16	1.23	1.40	1.43	1.42	1.70	1.97	1.13	.83	1.07	1.11	19.24
.50	1.50	1.31	1.41	1.60	1.62	1.62	1.93	2.21	1.33	1.00	1.20	1.25	20.01
.60	1.70	1.46	1.51	1.80	1.83	1.83	2.22	2.47	1.55	1.15	1.34	1.41	20.86
.70	1.90	1.63	1.65	2.00	2.06	2.05	2.37	2.76	1.73	1.31	1.51	1.60	21.80
.80	2.10	1.86	1.84	2.20	2.37	2.37	2.67	3.09	1.95	1.46	1.72	1.84	22.94
.90	2.30	2.01	2.01	2.40	2.58	2.58	2.84	3.47	2.24	1.66	1.94	2.05	24.58
.95	2.50	2.16	2.16	2.60	2.82	2.82	3.02	3.71	2.44	1.84	2.04	2.16	25.99
.99	3.47	2.53	2.53	3.49	3.27	3.27	4.01	4.23	4.08	2.80	2.34	3.62	36.54
ALPHA	3.21	5.09	3.79	3.70	4.57	3.00	4.44	5.40	1.87	1.57	5.08	2.91	36.54
BETA	.53	.27	.41	.48	.38	.62	.48	.44	.90	.70	.25	.59	.55
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 0= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.45	1.45	1.06	2.26	1.38	2.05	1.68	2.51	.90	1.66	1.37	4.94	22.71
1952	1.49	1.01	2.38	1.25	1.10	1.44	2.66	3.11	1.13	T	1.15	1.28	18.00
1953	1.92	.86	1.60	1.53	1.82	1.00	4.20	3.93	.24	.46	1.62	1.02	20.20
1954	.66	.45	2.38	.70	1.03	1.16	2.82	2.80	2.49	.67	1.02	1.14	17.32
1955	1.58	1.10	1.99	.20	1.65	2.03	1.52	2.26	.84	.96	2.55	1.71	18.39
1956	2.61	2.35	.60	2.80	1.22	.49	2.66	2.13	.25	.57	.84	1.92	18.44
1957	2.22	1.32	2.13	3.42	4.46	2.82	3.54	2.61	1.15	1.84	.86	1.39	28.36
1958	.93	1.32	1.91	1.53	1.590	.75	.78	1.84	1.07	.24	1.19	2.65	15.80*
1959	1.80	1.77	1.08	1.65	1.61	2.19	.74	1.92	3.99	2.30	1.00	.37	20.42
1960	1.11	2.13	2.77	1.07	2.40	1.14	2.34	.67	2.47	.76	1.05	1.05	18.96
1961	.32	.92	1.40	3.17	2.93	1.22	3.19	3.30	6.28	.49	1.45	1.65	26.32
1962	2.55	2.05	.88	2.38	1.75	2.26	1.66	.68	.62	.84	.58	.47	16.72
1963	2.40	1.30	1.28	.98	.80	3.10	.91	4.86	.96	.37	.71	1.50	19.17
1964	.52	.85	2.28	2.39	1.16	2.39	1.69	2.70	1.35	.23	1.04	3.32	20.32
1965	3.18	.59	1.82	1.32	2.14	1.62	3.96	1.76	1.90	.10	2.26	1.25	21.90
1966	.61	.95	.67	1.37	1.46	1.45	1.33	2.22	1.06	1.30	.72	2.27	15.41
1967	2.22	2.08	2.04	1.58	1.31	1.84	1.94	2.21	2.79	.93	1.04	3.20	23.18
1968	.53	2.88	.38	1.48	1.86	.54	1.45	2.15	.83	1.09	3.02	.85	17.06
1969	2.39	1.35	.45	1.83	2.78	6.44	1.29	1.52	1.42	4.07	.65	1.29	25.48
1970	2.21	.99	1.82	2.37	.45	1.44	2.09	1.93	1.91	2.15	1.51	.88	19.75

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							32.5	27.3	18.5	21.7	2.8	T	
51-52	.0	.0	.0	7.6	18.1	94.8	27.6	18.2	41.2	7.5	3.0	.0	218.0
52-53	T	T	.0	T	12.6	22.5	37.3	16.1	19.1	17.4	3.6	.0	128.6
53-54	T	T	.0		12.0	18.1	15.9	6.5	37.3	T	T	T	
54-55	.0	T	T	8.0	21.0	22.6	34.5	15.1	39.5	3.0	9.0	T	152.7
55-56	T	.0	.0	5.5	27.7	35.0	40.6	37.0	8.0	25.5	2.0	.0	181.3
56-57	.0	.0	.0		14.8	36.5	61.3	23.0	34.0	41.5	5.0	T	
57-58	.0	.0		4.0	11.5	23.5	16.2	22.6	23.5	6.0		.0	
58-59	.0	.0	.0	T	17.5	37.5	31.5	28.3	14.5		T	.0	144.0
59-60	.0	.0	10.0	6.3	10.5	2.5	16.3	26.5	43.2	1.5	6.0	.0	122.8
60-61	.0	T	.0	4.0	19.5	25.0	7.5	19.0	20.5	50.0	15.0	.5	161.0
61-62	.0	.0	24.8	1.1	25.5	35.3	54.8	42.0	13.8	21.5	10.0	.0	228.8
62-63	.0	.0	.0	.5	7.0	11.0	37.5	11.5	14.3	3.5	.0	T	85.3
63-64	.0	.0	.0	.0				13.2	25.0	27.3	3.3	T	
64-65	.0	.0	.0	.0	19.3	49.5	54.0	13.0	42.0	22.3	9.5	.0	209.6
65-66	.0	.0	1.0	.0	32.0	19.5	12.0	16.0	10.0	19.5	2.0	T	112.0
66-67	.0	.0	T	6.0	10.0	32.5	39.0	36.5	25.5	20.0	4.5	.0	174.0
67-68	.0	.0	.5	6.0	13.5	55.0	7.0	43.5	7.0	22.0	17.5	.0	172.0
68-69	.0	.0	.0	6.2	50.9	11.7	31.3	18.3	7.0	21.5	2.0	.0	148.9
69-70	.0	.0	.0		9.0	24.8	25.3	18.0	26.2	21.5	1.0	1.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.4	34.8	37.1	45.8	58.3	63.2	77.2	72.9	68.6	52.4	37.7	26.9	50.4
1952	28.3	30.1	33.7	48.8	58.3	71.8	74.2	70.7	71.2	62.6	36.7M	30.1	51.4*
1953	34.7	32.1	40.5	43.6	54.2M	70.7	74.8	71.0	71.1	59.4M	45.4M	28.9	52.2*
1954	36.4	41.3	38.0	54.7	61.8	71.3	77.5	74.5	69.6M	59.0	46.4	33.3	55.5*
1955	28.5	29.3	38.5	45.7	59.3	66.0	77.1	75.8	72.5M	60.4M	37.0	34.6	52.4*
1956	34.7	27.2	38.0	46.5	62.4	72.8	74.4	70.6	72.5	58.7	35.6M	31.7	52.1*
1957	27.2	38.8	38.8	43.2	52.6	66.7	72.4	72.1	64.7	53.6	35.7	33.0	49.9
1958	28.9	37.3	36.8	45.0	62.6	73.0	72.7M	77.0M	69.4	59.3	43.9	34.8	53.4*
1959	31.0	32.1	36.1	45.4	58.5	72.7	76.2	74.1	67.1	51.9	40.4	36.8	51.9
1960	29.4	26.1	40.3	52.1	60.1	71.7	76.5	78.3	71.6	58.3	44.0	34.4	53.6
1961	33.2	34.0	40.3	45.9	60.6	70.9	73.5	73.8	58.0	56.5	38.3	26.9	51.0
1962	26.9	35.6	35.6	52.1	60.0	67.9	73.6	75.2	69.5	60.7	46.6	36.1	53.3
1963	25.5	37.5	39.3	51.3	65.1	69.8	78.5	72.0	71.7	64.1	46.4	32.5	54.5
1964	25.8	27.1	33.1	44.8	61.2	67.9	77.8	71.9	67.8	60.0	41.8	28.5	50.6
1965	31.8	32.6	31.4	49.0	56.7	66.0	73.3	70.5	59.1	59.9	42.3	36.4	50.8
1966	28.5	28.5	42.7	48.8	61.0	67.8	76.9	72.6	66.8	54.9	44.0	28.8	51.8
1967	29.8	31.6	43.9	50.1	55.4	63.8	73.6	70.4	64.6M	56.4	41.1	26.5	50.6*
1968	33.5	34.6	41.1	42.5	53.9	69.6	72.3	68.6	63.3	54.7	33.5	30.9	49.9
1969	34.2	34.6	35.4	50.4	62.2	62.3	75.3	75.7	66.1	43.6M	37.5M	33.0M	50.9*
1970	29.0M	37.2M	36.0M	40.7	59.7M	68.3	74.8	75.0M	63.3	46.9M	37.3M	32.6M	50.1*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.5	3.4	8.0	19.7	26.5	29.5	34.5	34.7	25.8	22.7	4.5	4.8	18.1
1952	- .4	- 1.8	3.5	19.0	27.6	31.5	34.6	35.6	27.2	17.8	4.8M	- .5	16.6*
1953	9.6	- .5	11.1	15.6	23.7M	31.4	36.7	35.3	25.8	20.4M	14.0M	.6	18.6*
1954	6.3	8.2	8.7	21.0	26.3	30.3	39.4	34.2	31.1M	22.5	15.1	- 4.0	19.9*
1955	- 2.1	- 3.8	5.5	13.6	25.3	30.0	33.4	37.8	27.4M	18.4M	9.1	8.6	16.9*
1956	6.3	- 5.0	4.7	18.7	27.6	30.4	34.3	31.9	25.2	17.7	4.4M	- .8	16.3*
1957	100.7	7.9	9.1	16.4	26.0	31.6	38.2	37.4	25.0	23.3	6.5	1.4	-64.7
1958	- 5.3	9.7	6.1	15.3	26.3	31.2	32.0M	35.6M	27.6	19.2	11.9	8.2	18.2*
1959	2.8	2.1	6.9	17.5	26.5	32.4	31.9	35.1	26.1	20.8	7.9	1.7	17.6
1960	.0	- 1.6	14.1	20.5	25.0	30.4	32.5	31.8	29.1	20.6	9.4	- .6	17.6
1961	- 9.5	2.3	12.1	16.0	25.1	30.3	34.5	37.5	27.1	21.3	6.9	.7	17.0
1962	- 8.6	9.4	2.5	20.2	26.3	30.0	32.2	30.4	26.2	20.2	12.7	5.4	17.2
1963	- .8	8.6	6.5	21.0	26.7	31.7	35.8	39.2	30.6	23.8	11.8	2.8	19.8
1964	- 6.8	- 6.1	1.1	17.5	24.9	30.3	37.1	34.8	26.6	18.9	13.6	2.4	16.2
1965	6.7	- .2	.8	19.7	25.2	31.9	37.7	33.2	28.8	21.2	16.7	3.1	18.7
1966	- 4.8	- .6	8.6	13.1	26.3	31.7	40.3	36.4	30.9	20.9	15.9	- .1	18.6
1967	5.0	1.1	14.2	19.9	25.6	31.6	40.2	35.1	29.3M	22.1	10.5	2.5	19.8*
1968	- 2.2	6.7	6.6	14.1	25.5	32.1	37.5	37.2	27.2	22.2	5.9	3.2	18.0
1969	9.1	.4	2.0	21.3	28.1	32.3	38.9	39.4	31.6	20.2M	5.6M	3.5M	19.4*
1970	3.6M	2.5M	8.1M	11.6	23.9M	31.9	38.0	38.3M	28.2	16.8M	15.4M	3.2M	18.5*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.0	19.1	22.6	32.8	42.4	46.4	55.9	53.8	47.2	37.6	21.1	15.9	34.2
1952	14.0	14.2	18.6	33.9	43.0	51.7	54.4	53.2	49.2	40.2	20.8M	14.8	34.0*
1953	22.2	15.8	25.8	29.6	39.0M	51.1	55.8	53.2	48.5	39.9M	29.7M	14.8	35.5*
1954	21.4	24.8	23.4	37.9	44.1	50.8	58.5	54.4	50.4M	40.8	31.8	14.7	37.8*
1955	13.2	12.8	22.0	31.7	42.3	48.0	55.3	56.8	50.0M	39.4M	23.1	21.6	34.7*
1956	20.5	11.1	21.4	32.8	45.0	51.6	54.4	51.3	48.9	38.2	20.0M	15.5	34.2*
1957	13.3M	23.4	24.0	29.8	39.3	49.2	55.3	54.8	44.9	38.5	21.1	17.2	34.2*
1958	11.8	23.5	21.5	30.2	44.5	52.1	52.4M	56.3M	48.5	39.3	27.9	21.5	35.8*
1959	16.9	17.1	21.5	31.5	42.5	52.6	54.1	54.6	46.6	36.4	24.2	19.3	34.8
1960	14.7	12.3	27.2	36.3	42.6	51.1	54.5	55.1	50.4	39.5	26.7	16.9	35.6
1961	11.9	18.2	26.2	31.0	42.9	50.6	54.0	55.7	42.6	38.9	22.6	13.8	34.0
1962	9.2	22.5	19.1	36.2	43.2	49.0	52.9	52.8	47.9	40.5	29.7	20.8	35.3
1963	12.4	23.1	22.9	36.2	45.9	50.8	57.2	55.6	51.2	44.0	29.1	17.7	37.2
1964	9.5	10.5	17.1	31.2	43.1	49.1	57.5	53.4	47.2	39.5	27.7	15.5	33.4
1965	18.3	16.2	16.1	34.4	41.0	49.0	55.5	51.9	44.0	40.6	29.5	19.8	34.8
1966	11.9	14.0	25.7	33.5	43.7	49.8	58.6	54.5	48.9	37.9	30.0	14.4	35.2
1967	17.4	16.4	29.1	35.0	40.5	47.7	56.9	52.8	47.0M	39.3	25.8	14.5	35.2*
1968	15.7	20.7	23.9	28.3	39.7	50.9	54.9	52.9	45.3	38.5	19.7	17.1	34.0
1969	21.7	17.5	18.7	35.9	45.2	47.3	57.1	57.6	48.9	31.9M	21.6M	18.3M	35.1*
1970	16.3M	19.9M	22.1M	26.2	41.8M	50.1	56.4	56.7M	45.8	31.9M	26.4M	17.9M	34.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GRAND LAKE 6SSW

05 3500 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)															
	YEARS			EXTREMES				MEAN; NO OF DAYS							SNOW, SLEET		MEAN; NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW													
JAN	26.6	7.7	13.7	47.	1954	7	-46.	1962	10	0.0	22.7	31.0	14.7	1.10	.78	1951	29	16.1	33.	1969	29	3.6	.2	0.0		
FEB	29.9	2.0	16.0	53.	1962	11	-41.	1951	1	0.0	16.9	28.2	12.2	.83	.59	1968	12	14.2	35.	1962	26	2.5	.1	0.0		
MAR	35.7	7.5	21.7	57.	1966	30	-30.	1965	3	0.0	11.0	30.9	8.0	1.07	.69	1964	3	15.9	38.	1965	26	4.0	.1	0.0		
APR	46.9	20.2	33.6	69.	1963	15	-13.	1970	4	0.0	1.8	29.1	.5	1.08	.57	1962	29	11.0	36.	1957	7	3.8	.1	0.0		
MAY	59.8	29.3	44.1	76.	1969	27	12.	1967	1	0.0	.1	23.6	0.0	1.34	1.43	1969	7	3.9	11.	1970	1	4.5	.2	.1		
JUN	69.3	36.0	52.2	88.	1954	23	23.	1954	3	0.0	0.0	6.9	0.0	1.40	.96	1952	4	0.0	0.	0	0	3.8	.6	0.0		
JUL	74.7	41.7	58.2	96.	1954	12	28.	1968	1	0.0	0.0	.7	0.0	1.46	.82	1953	11	0.0	0.	0	0	4.5	.4	0.0		
AUG	72.2	41.2	56.7	83.	1969	8	27.	1968	24	0.0	0.0	1.5	0.0	1.80	.85	1952	1	0.0	0.	0	0	5.8	.5	0.0		
SEP	65.7	33.1	49.4	80.	1960	4	14.	1959	30	0.0	0.0	14.4	0.0	1.27	1.17	1961	22	2.8	12.	1961	24	4.0	.7	.1		
OCT	55.2	25.0	40.1	71.	1965	9	10.	1970	27	0.0	.7	27.7	0.0	.86	1.45	1969	3	4.9	18.	1969	5	2.6	.2	.1		
NOV	39.7	15.4	27.6	58.	1954	6	-20.	1955	16	0.0	6.8	29.2	2.4	.84	.57	1955	12	9.0	9.	1967	29	2.5	.1	0.0		
DEC	29.2	5.6	17.4	47.	1962	15	-30.	1951	9	0.0	19.2	30.9	10.3	1.17	1.33	1951	30	15.8	24.	1967	31	3.2	.1	0.0		
ANNUAL	50.2	21.5	35.9							0.	79.	254.	48.	14.2				93.				45.	3.	0.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.25	.34	.39	.32	.51	.23	.47	.45	.18	0.00	.33	.28	9.59
.10	.25	.42	.49	.42	.63	.36	.61	.52	.28	.09	.41	.38	10.47
.20	.51	.52	.64	.57	.81	.55	.81	.75	.46	.23	.52	.55	11.60
.30	.66	.61	.76	.71	.96	.75	.99	.94	.64	.36	.61	.71	12.46
.40	.80	.69	.87	.84	1.19	.95	1.16	1.11	.83	.50	.69	.86	13.23
.50	.96	.78	.99	.97	1.58	1.16	1.52	1.59	.93	.69	.78	.99	13.98
.60	1.13	.87	1.12	1.12	1.40	1.41	1.52	1.88	1.03	.83	.88	1.20	14.76
.70	1.34	.97	1.27	1.29	1.58	1.71	1.74	2.11	1.06	.85	.99	1.41	15.62
.80	1.61	1.10	1.45	1.52	1.82	1.90	2.03	2.50	1.05	1.37	1.13	1.70	16.47
.90	2.04	1.30	1.75	1.87	2.17	2.25	2.47	3.22	1.34	1.88	1.34	2.14	18.20
.95	2.45	1.48	2.02	2.20	2.50	3.36	2.89	3.21	3.20	2.38	1.53	2.56	19.54
ALPHA	2.47	5.48	4.44	3.29	4.67	1.91	3.70	5.57	1.67	1.37	5.00	2.57	21.82
BETA	.45	.15	.24	.33	.29	.73	.39	.32	.76	.66	.17	.45	6.65
C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 C = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.70	1.36	.75	1.76	1.34	3.10	1.23	2.58	.77	1.92	.99	4.82	22.32
1952	1.45	.74	1.95	.53	1.39	1.79	1.67	3.01	.39	T	.60	.51	14.53
1953	1.15	.50	1.16	.93	1.01	.86	2.80	2.42	.09	.43	.69	1.01	13.05
1954	.57	.36	1.19	.54	.77	.39	2.17	1.12	2.10	.55	.72	.85	11.34
1955	.76	.71	1.50	.12	1.54	1.16	.94	1.98	.80	.58	1.55	1.08	12.72
1956	1.78	1.57	.47	1.41	1.36	.08	1.82	2.08	.35	.28	.42	1.30	12.92
1957	1.78	.89	1.19	2.74	2.22	1.78	1.74	1.40	.95	1.59	.56	.56	18.80
1958	.53	.94	1.69	.98	1.74	.57	.70	1.84	.68	.26	.66	1.38	11.97
1959	1.14	.72	.75	1.07	1.46	1.66	1.70	1.60	3.42	1.40	.45	.26	15.63
1960	.51	.94	1.46	.80	1.74	.63	1.17	.75	.77	.84	.58	.74	10.93
1961	.08	.58	1.21	1.82	1.63	.84	2.63	2.06	5.30	.29	.89	.90	18.23
1962	2.05	1.50	.65	1.24	1.14	1.69	.66	.34	.75	.77	.45	.54	11.78
1963	.84	.94	1.01	.53	.98	1.92	.36	3.00	1.10	.40	.42	.71	12.21
1964	.640	.50	1.730	1.26	.69	1.71	1.09	1.51	.88	.18	.92	2.10	13.21*
1965	1.87	.39	1.18	.740	1.59	1.39	3.17	1.56	1.29	.04	1.940	.45	15.61*
1966	.38	.43	.44	1.10	.91	.85	.94	1.48	1.23	.83	.52	1.76	10.87
1967	1.31	1.07	1.41	1.01	.70	1.62	1.73	2.26	1.61	.60	1.00	1.49	15.81
1968	.48	1.21	.33	.56	1.52	.31	.62	1.49	.53	.86	1.60	.57	10.08
1969	2.08	.47	.38	1.25	1.82	4.34	1.15	1.50	.73	3.66	.59	1.03	19.00
1970	.94	.70	.92	1.16	.25	1.25	.86	1.97	1.71	1.62	.99	.58	12.95

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52													
52-53	.0	T	.0	T	6.6	15.4	13.0	3.7	17.4	9.3	.0	.0	65.4
53-54	T	.0	.0	T	4.3	10.1		4.9		.2		.0	
54-55	.0	.0	.0	3.0									
55-56													.0
56-57	.0	.0	.0										.0
57-58	.0	.0											.0
58-59	.0	.0	.0								4.5		.0
59-60		.0		6.5	6.3	5.3	10.5	17.1	26.2	2.0	8.0	.0	
60-61	.0	T	.0	2.0	8.3	14.9	2.4	11.8	17.0	22.8	11.0	.0	90.2
61-62	.0	.0	38.0	.2	10.1	15.4	26.2	28.4	10.9	13.7	4.0	T	146.9
62-63	.0	.0	.0	.0	5.6	7.5	14.9	13.1	13.2	5.6	1.8	.0	61.7
63-64	.0	.0	.0	T	4.7	14.7	10.0	10.5	26.1	14.2	3.0	T	83.2
64-65	.0	T	.0		10.8	28.2	29.3	8.0	24.5	16.2	11.5	.0	
65-66	.0	.0	T	T	22.2	11.9	5.7	8.5	6.3	13.6	.0	.0	68.2
66-67	.0	.0	T	1.5	5.4	22.0	25.0	24.2	18.8	10.3	2.2	.0	109.4
67-68	.0	.0	T		15.9	31.7	9.1	32.1	6.7	6.8		.0	
68-69	.0	.0	T	6.3			27.4	7.6	7.3	10.8	.0	T	
69-70	.0	.0	.0	38.9	7.8	20.0	19.4	14.9	16.3	17.0	.5	.0	134.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.4	34.8	37.2	46.0	59.6	64.0	78.1	72.7	68.2	52.0	37.2	27.3	50.5
1952	27.2	29.7	34.3	49.4	58.9	73.5	74.4	70.3	68.6	59.7	35.3	26.8	50.7
1953	32.8	28.7	40.0	42.0	53.0	70.1	74.7	70.4	67.9	56.6	43.0	26.8	50.5
1954	33.7	39.4	35.9	52.9	60.8	70.2	77.3	74.1	66.8	56.2	45.2	27.6	53.3
1955	21.8	24.3	34.3	48.0	59.2	65.3	76.2	74.3	69.9	57.7	35.9	32.9	50.0
1956	32.0	23.0	36.1	47.4	63.0	74.2	74.5	70.9	70.5	58.3	35.0	26.5	51.0
1957	25.7	35.5	36.7	42.5	53.1	66.4	74.1	72.6	63.7	53.1	36.0	31.3	49.2
1958	22.5	34.4	33.9	43.7	61.6	70.8	72.3	73.5	67.5	56.9	41.6	32.6	50.9
1959	27.3	28.9	34.8	45.4	58.3	71.3	73.1	72.0	62.5	51.0	39.9	33.4	49.8
1960	27.1	23.0	38.3	49.7	58.5	69.8	73.9	73.7	66.8	54.0	42.4	30.4	50.6
1961	26.3	32.3	38.5	44.3	58.8	70.5	72.3	73.5	57.3	54.3	37.9	26.5	49.4
1962	20.5	32.8	32.7	50.0	58.0	66.1	72.2	72.2	65.8	58.1	44.9	34.8	50.7
1963	22.6	33.9	36.5	49.2	62.4	68.9	77.2	70.5	70.1	61.6	45.4	30.8	52.4
1964	22.2	23.5	30.4	44.4	59.9	67.4	77.4	71.3	65.8	58.9	40.3	28.4M	49.2*
1965	27.1	29.0	28.5	48.1	56.9	65.6	73.0	69.5	58.9	59.4	42.5	32.3	49.2
1966	25.6	25.9	41.3	49.2	61.2	67.7	77.8	73.2	66.8	54.1	44.0	23.1	50.8
1967	27.2	28.6	42.0	50.8	55.6	64.6	74.1	70.9	64.8	55.6	40.8	24.5	50.0
1968	24.5	28.8	37.9	42.9	55.4	70.3	72.9	69.3	63.6	55.1	32.6	27.6	48.4
1969	32.2	29.8	32.3	51.1	63.1	61.8	74.9	75.3	66.0	44.4	36.2	29.5	49.7
1970	25.9	32.2	33.1	40.5	55.6	66.8	73.6	74.3	62.4	46.1	37.2	30.6	48.5

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.5	1.9	7.4	19.9	29.0	32.6	38.9	38.6	28.3	24.7	6.5	4.3	19.5
1952	- 2.0	- 3.0	3.2	18.6	28.7	35.0	40.6	42.2	34.6	23.5	12.2	3.8	19.8
1953	10.5	.9	11.1	17.7	28.1	37.8	44.1	41.8	33.1	26.6	19.9	4.4	23.0
1954	6.9	7.8	10.4	24.4	31.0	36.5	45.5	40.3	36.5	27.6	19.1	.5	23.8
1955	- 3.2	- 3.2	7.1	16.9	29.1	34.8	40.7	43.7	31.6	22.8	12.7	10.5	20.3
1956	7.7	- 4.2	7.0	21.8	32.3	36.9	40.8	38.5	31.4	22.8	9.6	.9	20.5
1957	- .2	8.9	10.8	19.6	29.4	36.1	44.2	43.7	30.7	28.8	13.9	6.3	22.7
1958	- 5.9	9.4	8.1	18.5	31.8	37.9	40.3	42.9	35.2	24.8	17.3	11.4	22.6
1959	1.8	.8	7.6	21.1	30.2	38.6	39.8	42.5	32.6	26.1	14.7	5.6	21.8
1960	1.9	.0	15.1	23.4	28.1	36.5	40.5	38.8	35.2	25.6	15.7	6.4	22.3
1961	- 7.1	5.1	14.3	20.5	29.2	36.0	40.5	43.8	31.5	25.6	13.2	5.4	21.5
1962	- 9.9	7.3	2.6	22.0	29.5	36.0	39.3	37.7	32.8	26.1	18.9	11.5	21.2
1963	.5	7.5	5.1	23.0	29.7	36.5	42.6	44.7	36.7	29.0	17.7	5.1	23.2
1964	- 6.0	- 5.8	.8	20.0	27.9	35.3	43.1	39.6	32.0	21.8	17.0	5.7M	19.3*
1965	6.2	.2	1.6	21.8	29.1	35.5	42.4	38.7	33.4	24.9	21.7	8.3	22.0
1966	- 3.3	- 2.7	8.6	22.0	29.5	36.4	43.7	40.4	34.8	23.8	19.6	1.5	21.2
1967	4.0	3.0	14.7	21.0	28.7	34.8	42.3	39.1	33.9	24.8	14.7	3.7	22.1
1968	- 2.8	4.7	6.0	16.2	27.9	35.3	40.6	40.2	29.8	24.6	11.7	3.5	19.8
1969	8.2	.0	1.2	22.7	30.9	35.7	43.5	43.5	35.0	23.8	11.9	7.1	22.0
1970	5.1	1.6	7.9	13.2	26.7	35.1	41.6	42.9	32.5	21.6	20.4	6.9	21.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.0	18.4	22.3	33.0	44.3	48.3	58.5	55.7	48.3	38.4	21.9	15.8	35.0
1952	12.6	13.4	18.8	34.0	43.8	54.3	57.5	56.3	51.6	41.6	23.8	15.3	35.3
1953	21.7	14.8	25.6	29.9	40.6	54.0	59.4	56.1	50.5	41.6	31.5	15.6	36.8
1954	20.3	23.6	23.2	38.7	45.9	53.4	61.4	57.2	51.7	41.9	32.2	13.6	38.6
1955	9.3	10.6	20.7	32.5	44.2	50.1	58.5	59.0	50.8	40.3	24.3	21.7	35.2
1956	19.9	9.4	21.6	34.6	47.7	55.6	57.7	54.7	51.0	40.6	22.5	13.7	35.8
1957	12.8	22.2	23.8	31.1	41.3	51.3	59.2	58.2	47.2	41.0	25.0	18.8	36.0
1958	8.3	21.9	21.0	31.1	46.7	54.4	56.3	58.2	51.4	40.9	29.5	22.0	36.8
1959	14.6	14.9	21.2	33.3	44.3	55.0	56.5	57.3	47.6	38.6	27.3	19.5	35.8
1960	14.5	11.5	26.7	36.6	43.3	53.2	57.2	56.3	51.0	39.8	29.1	18.4	36.5
1961	9.6	18.7	26.4	32.4	44.0	53.3	56.4	58.7	44.4	40.0	25.6	16.0	35.5
1962	5.3	20.1	17.7	36.0	43.8	51.1	55.8	55.0	49.3	42.1	31.9	23.2	35.9
1963	11.6	20.7	20.8	36.1	46.1	52.7	59.9	57.6	53.4	45.3	31.6	18.0	37.8
1964	8.1	8.9	15.6	32.2	43.9	51.4	60.3	55.5	48.9	40.4	28.7	17.1M	34.3*
1965	16.7	14.6	15.1	35.0	43.0	50.6	57.7	54.1	46.2	42.2	32.1	20.3	35.6
1966	11.2	11.6	25.0	35.6	45.4	52.1	60.8	56.8	50.8	39.0	31.8	12.3	36.0
1967	15.6	15.8	28.4	35.9	42.2	49.7	58.2	55.0	49.4	40.2	27.8	14.1	36.0
1968	10.9	16.8	22.0	29.6	41.7	52.8	56.8	54.8	46.7	39.9	22.2	15.6	34.2
1969	20.2	14.9	16.8	36.9	47.0	48.8	59.2	59.4	50.5	34.1	24.1	18.3	35.9
1970	15.5	16.9	20.5	26.9	43.2	51.0	57.6	58.6	47.5	33.9	28.8	18.8	34.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GREAT SAND DUNES NM 05 3541 5

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEAR			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	50 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	35.2	9.9	22.6	54.	1953	10	-25.	1963	13	0.0	10.5	30.7	5.4	.33	.41	1952	19	5.5	11.	1963	11	1.1	0.0	0.0
FEB	39.0	13.2	26.1	61.	1951	11	-18.	1951	1	0.0	6.0	28.0	3.3	.29	.31	1967	1	5.1	14.	1960	29	1.4	0.0	0.0
MAR	45.6	18.9	32.2	67.	1966	31	-7.	1965	3	0.0	3.0	30.0	.8	.49	.67	1953	30	7.7	14.	1960	3	2.0	0.0	0.0
APR	56.1	27.6	41.8	77.	1956	26	0.	1959	10	0.0	.2	22.6	.1	.71	1.09	1952	21	5.9	12.	1967	13	2.1	.2	0.0
MAY	66.4	36.7	51.6	81.	1953	26	15.	1962	1	0.0	0.0	8.3	0.0	1.17	1.95	1955	18	1.2	3.	1956	14	2.9	.6	.3
JUN	76.3	44.7	60.5	91.	1954	24	25.	1954	7	.1	0.0	.8	0.0	.94	1.10	1969	26	0.0	0.	0	0	2.8	.4	.1
JUL	80.9	49.9	65.4	90.	1964	4	31.	1967	17	.1	0.0	0.0	0.0	1.98	1.83	1968	27	0.0	0.	0	0	6.4	.8	.2
AUG	77.7	48.1	62.9	89.	1954	2	33.	1967	18	0.0	0.0	0.0	0.0	2.21	1.45	1954	6	0.0	0.	0	0	6.8	.7	.1
SEP	72.0	40.9	56.5	87.	1966	22	22.	1970	27	0.0	0.0	1.8	0.0	1.07	1.20	1952	12	.2	2.	1961	3	3.4	.5	.1
OCT	61.0	31.3	46.2	80.	1963	5	7.	1967	30	0.0	0.0	17.6	0.0	.76	1.12	1959	1	3.4	6.	1967	29	2.1	.4	.1
NOV	45.8	19.9	32.9	65.	1960	6	-12.	1957	28	0.0	2.3	28.6	.9	.33	.47	1953	19	3.7	6.	1964	18	1.4	0.0	0.0
DEC	36.5	11.7	24.1	60.	1970	9	-19.	1961	13	0.0	9.8	30.8	4.0	.29	.45	1969	4	4.9	14.	1961	13	1.2	0.0	0.0
ANNUAL	57.7	29.4	43.6							0.	32.	199.	14.	10.6				37.				33.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.02	.02	.08	0.00	.15	.03	.35	.56	0.00	0.00	0.00	0.00	5.62
.10	.04	.04	.12	.15	.25	.07	.53	.77	0.00	.07	.05	.05	6.48
.20	.09	.08	.19	.28	.41	.17	.82	1.09	.19	.19	.11	.10	7.63
.30	.13	.12	.26	.39	.58	.24	1.04	1.37	.37	.30	.16	.14	8.54
.40	.18	.16	.33	.50	.75	.43	1.37	1.64	.55	.43	.21	.19	9.37
.50	.24	.21	.40	.64	1.04	.63	1.67	1.95	.77	.56	.27	.24	10.20
.60	.32	.27	.49	.74	1.16	.83	2.01	2.28	1.02	.73	.33	.29	11.08
.70	.41	.35	.60	.89	1.43	1.11	2.42	2.67	1.33	.93	.41	.36	12.07
.80	.51	.46	.75	1.09	1.79	1.52	2.97	3.19	1.77	1.22	.52	.50	13.30
.90	.63	.60	.93	1.40	2.39	2.24	3.86	4.09	2.49	1.69	.69	.60	15.14
.95	.75	.82	1.21	1.70	2.97	2.96	4.71	4.74	3.21	2.15	.86	.73	16.77
ALPHA	1.15	1.19	1.30	2.21	1.61	.86	2.00	2.77	1.23	1.29	1.66	1.84	9.49
BETA	.29	.24	.27	.34	.72	1.09	.99	.80	.97	.62	.21	.16	1.11
0	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	.10	.05	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 0= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

GREAT SAND DUNES NM 05 3541 5

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.32	.06	.12	1.08	.35	.05	.08	2.03	.34	.89	.15	.38	5.85
1952	.59	.05	.29	1.64	1.07	.22	.82	3.98	2.33	.00	.40	.10	11.89
1953	.03	.14	.87	.80	1.39	1.25	2.72	1.30	T	1.43	.72	.24	10.89
1954	.25	.05	.24	.18	1.28	.05	1.34	2.84	1.18	.22	.32	.11	8.06
1955	.45	.09	.06	.47	2.65	.04	1.23	2.51	.18	.03	.20	.22	8.13
1956	.66	.13	.20	1.08	1.19	.15	.51	1.09	.04	.17	.53	.19	5.94
1957	.37	.20	.53	2.08	3.83	.88	4.62	2.61	T	.97	.84	.03	16.96
1958	.76	.30	1.00	1.12	.61	.71	.47	.94	.44	.72	.47	.21	7.75
1959	.44	.19	.79	1.25	1.63	.66	1.98	2.08	1.26	2.15	.12	.27	12.82
1960	.42	1.08	.22	.70	.42	1.47	2.13	.26	.44	1.48	.10	.45	9.17
1961	.21	.47	.52	.46	.46	.29	1.51	2.41	1.47	.82	.39	.53	9.54
1962	.08	.30	.57	.36	.15	.59	1.38	.30	1.46	.59	.62	.15	6.55
1963	.77D	.27	.24	T	.35	.81	1.66	2.35	.58	.41	.07	.14	7.65*
1964	.05	.55	.70D	.51	.90	.99	2.43	2.25	1.81	.16	.82	.47	11.64*
1965	.19	.51	1.04	.36	.90	2.64	2.68	1.47	3.87	.97	.11	.38D	15.12*
1966	.43	.12	.05	.19	.32	.98	2.32	2.26	.11	.07	.06	.17	7.08
1967	.13	.61	.24	.96	2.08	1.29	2.80	4.22	1.10	.60	T	.91	14.94
1968	.08	.57	.51	.2EE	1.39	.05	5.01	3.52	1.11	.46	.45	.07	13.48*
1969	.04	.09	.64	.20	2.20	4.32	2.18	2.49	1.15	2.14	.11	.73	16.29
1970	.02	.01	1.01	.56	.18	1.29	1.83	3.25	2.51	.85	.11D	T	11.62*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							4.0	.9	.3	9.8	T	T	
51-52	.0	.0	.0	.3	1.7	6.2	7.4	.5	3.6	4.6	3.3	.0	27.6
52-53	T	T	T	.0	6.7	1.9	.5	1.5	9.9	4.0	4.0	T	28.5
53-54	T	T	.0	T	5.0	2.4	4.5	T		.0	5.0	.0	
54-55	T	.0	.0	T	4.3	1.2	6.0			.0	T	.0	
55-56	T	.0	.0	.0	.0	2.0	9.5		3.0	15.7	3.5	.0	
56-57	.0	.0	.0	.0	9.8	4.5	6.7	2.0	7.5	20.0	.0	.0	50.5
57-58	.0	.0	.0	.0	11.2	1.2	12.6	3.4	13.4	9.7	.0	.0	51.5
58-59	.0	.0	.0	1.0	7.3	3.0	6.7	3.6	11.0	11.4	3.2	.0	47.2
59-60	.0	.0	.0	16.9	3.0	4.0	6.5	16.1	2.5	6.0	.5	.0	55.5
60-61	.0	.0	.0	2.0	T	5.5	4.0	11.0	8.3	6.0	.0	.0	36.8
61-62	.0	.0	2.0	3.0		18.0	2.0	8.0		.0	.0	.0	
62-63	.0	.0	.0	.0	1.0		17.5	4.0	6.0	.0	.0	.0	
63-64	.0	.0	.0	.0	1.2		1.0		14.5	.0	.0	.0	
64-65	.0	.0	.0	T	13.0	7.0	2.8	7.0	18.3	2.5	.5	.0	51.1
65-66	.0	.0	1.5	1.5	1.5	6.8	10.5		1.5	3.1	.0	.0	
66-67	.0	.0	.0	.4	T	2.2	3.5	11.5	4.5	14.0	.0	.0	36.1
67-68	.0	.0	.0	6.0	T		2.5	8.0	7.0	.0	.0	.0	
68-69	.0	.0	.0	5.0	1.0	4.0	1.0	3.5	12.0	.0	2.5	.0	29.0
69-70	.0	.0	.0	27.7	2.8	13.1	.1	.0	7.6	4.5	1.5	.0	57.3

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	37.8	40.4	47.0	53.8	65.8	74.7	85.1	78.1	75.2	60.0	42.5	34.7	57.9
1952	32.9	35.7	41.3	56.1	65.0	79.7	83.2M	78.1	72.4	65.1	40.0	30.9	56.7*
1953	40.6	38.6	49.2	53.4	60.0	78.6	80.1	78.4	75.3	60.7	43.3	30.7	57.4
1954	36.4M	48.5	45.7	63.6	67.3	78.6	81.9	78.3	74.2M	64.1	49.9	36.2	60.4*
1955	33.4	35.6	47.7	55.5	64.1	73.8	81.0	78.9	74.8	64.0	47.6	41.9	58.2
1956	41.1	36.3	49.3	54.5	68.7	78.3	79.2	75.0	75.3	59.9	42.1	38.2	58.2
1957	34.3	47.5	46.5	51.9	55.6	74.7	77.3	74.6	72.1	57.2	38.8	38.8	56.1
1958	36.1	42.3	41.3	53.3	69.3	79.8	81.9	80.5	72.6	60.9	46.7	42.5	58.9
1959	37.2	37.8	46.1	55.8	65.5	78.4	79.9M	76.5	70.7	56.9	46.1	39.3	57.5*
1960	30.1	31.1	47.5	58.5	65.5	78.3	80.1	82.3	74.6	59.1	48.2	35.1	57.5
1961	36.5	41.4	45.9	54.8	68.2	78.8	80.4	76.4	67.9	60.3	41.4	31.0	56.9
1962	33.4	41.6	42.5	60.5	65.5	75.7	80.0	81.5	71.5	63.9	50.1	42.4	59.4
1963	32.0	41.7	47.0	59.8	71.0	78.4	83.7	77.5	75.0	67.0	48.4	37.8	59.9
1964	33.3	32.0	40.7	54.6	67.5	75.7	81.8	76.9	69.9	63.4	43.9M	30.8	55.9*
1965	34.7	36.5	39.8	55.3	64.5	71.8	80.2	76.9	67.2	63.7	49.6	38.8	56.6
1966	31.1	31.5	50.2	58.6	71.1	75.9	83.1	77.8	74.0	61.6	49.9	37.6	58.5
1967	37.2	41.0	53.7	58.0	65.4	72.5M	79.3	74.2	69.1	63.6	49.8	30.7	57.9*
1968	31.7	37.7	46.5	51.8	64.2	77.9	79.0	73.4	70.1M	62.2	43.3	35.2	56.1*
1969	40.2	39.1	41.0	59.8	68.7	71.6	79.3	80.7M	70.3	51.2	45.7	36.4	57.0*
1970	34.8	44.4	42.8	51.5	67.9	73.5	80.7	78.6	68.8	54.6	48.2	40.5	57.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.3	15.3	20.7	27.2	37.4	42.8	53.1	51.0	40.9	32.7	16.8	13.9M	30.4*
1952	10.7	11.8	16.2	29.5	37.7	48.6	49.8	49.0	40.5	31.7	15.2	6.1	28.9
1953	16.7	12.9	21.6	25.5	33.1	47.3	50.5	46.5	40.3	30.7	20.1	7.9	29.4
1954	10.8M	17.0	17.8	31.1	37.0	46.2M	52.2M	48.5	43.0M	34.8	23.4	9.9	31.0*
1955	7.0	4.6	17.9	27.0	36.5	43.3	49.8	50.0	42.8	32.4	21.2	15.1	29.0
1956	15.7	9.2	19.1	26.7	38.7	47.5	48.6	44.4	41.5	29.5	15.1	12.5	29.0
1957	13.8	23.6	22.1	26.7	34.4	45.0	50.8	49.5	39.0	33.6	15.2	12.4	30.5
1958	7.7	17.5	18.4	26.3	38.9	46.5	49.1	50.6	44.0	32.7	20.7	18.6	30.9
1959	10.6	14.6	19.1	27.0	38.4	48.1	49.5	49.8	41.3	31.2	20.0	16.7	30.5
1960	6.2	7.4	21.4	29.5	35.9	46.1	50.2	49.4	43.8	32.6	23.2	9.7	29.6
1961	6.6	15.2	21.4	27.0	38.0	46.3	49.2	49.9	39.4	29.9	17.8	6.8	29.0
1962	7.4	16.7	14.9	30.6	34.0	42.5	47.3	45.8	39.9	30.9	23.6	17.7	29.3
1963	6.3	17.1	20.8	29.7	40.8	45.0	52.4	49.2	42.2	33.5	18.0	9.8	30.4
1964	7.3	7.3	14.1	25.7	37.4	43.4	50.7	46.2	42.6	32.8	19.6M	7.7	27.9*
1965	12.7	10.8	15.5	28.0	34.3	42.2	49.3	44.8	37.4	32.5	24.9	16.1	29.0
1966	5.8	7.0	21.1	27.9	37.6	42.4	49.9	46.7	39.0	28.5	24.4	13.2	28.6
1967	11.3	14.0	25.6	29.9	35.2	42.2M	46.8	42.6	40.2	29.5	20.1	5.8	28.6*
1968	3.6	11.2	17.6	24.1	33.7M	45.0	48.4	46.0	38.8M	31.6M	18.8	7.7	27.2*
1969	14.1	11.4M	13.6	29.0	38.1	39.4	49.5	50.3	42.3	28.0	19.6	13.6M	29.1*
1970	10.7	18.8	18.3	23.5	37.0	43.5	51.0	51.0	39.1	27.7	21.2	12.6	29.5

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.6	27.9	33.9	40.5	51.6	58.8	69.1	64.6	58.1	46.4	29.7	24.3M	44.2*
1952	21.8	23.8	28.8	42.8	51.4	64.2	66.5M	63.6	56.5	42.4	27.6	18.5	42.8*
1953	28.7	25.8	35.4	39.5	46.6	63.0	65.3	62.5	57.8	45.7	31.7	19.3	43.4
1954	23.6M	32.8	31.8	47.4	52.2	62.4M	67.1M	63.4	58.6M	49.5	36.7	23.1	45.7*
1955	20.2	20.1	32.8	41.3	50.3	58.6	65.4	64.5	58.8	48.2	34.4	28.5	43.6
1956	28.4	22.8	34.2	40.6	53.7	62.9	63.9	59.7	58.4	44.7	28.6	25.4	43.6
1957	24.1	35.6	34.3	39.3	47.0	59.9	64.1	62.1	55.6	45.4	27.0	25.6	43.3
1958	21.9	29.9	29.9	39.8	54.1	63.2	65.5	65.6	58.3	46.8	33.7	30.6	44.9
1959	23.9	26.2	32.6	41.4	52.0	63.3	64.7M	63.2	56.0	44.1	33.1	28.0	44.0*
1960	18.2	19.3	34.5	44.0	50.7	62.2	65.2	65.9	59.2	45.9	35.7	22.4	43.6
1961	21.6	28.3	33.7	40.9	53.1	62.6	64.8	63.2	53.7	45.1	29.6	18.9	43.0
1962	20.4	29.2	28.7	45.6	51.8	59.1	63.7	63.7	55.7	47.4	36.9	30.1	44.4
1963	19.2	29.4	33.9	44.8	55.9	61.7	68.1	63.4	58.6	50.3	33.2	23.8	45.2
1964	20.3	19.7	27.4	40.2	52.5	59.6	66.3	61.6	56.3	48.1	31.8M	19.3	41.9*
1965	23.7	23.7	27.7	41.7	49.4	57.0	64.8	60.9	52.3	48.1	37.3	27.5	42.8
1966	18.5	19.3	35.7	43.3	54.4	59.2	66.5	62.3	56.5	45.1	37.2	25.4	43.6
1967	24.3	27.5	39.7	44.0	50.3	57.4M	63.1	58.4	54.7	46.6	35.0	18.3	43.3*
1968	17.7	24.5	32.1	38.0	49.0M	61.5	63.7	59.7	54.5M	46.9M	31.1	21.5	41.7*
1969	27.2	25.3M	27.3	44.4	53.4	55.5	64.4	65.5M	56.3	39.6	32.7	25.0M	43.1*
1970	22.8	31.6	30.6	37.5	52.5	58.5	65.9	64.8	54.0	41.2	34.7	26.6	43.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GREELEY

05 3546 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS				EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS			
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW								.10 OR MORE	.50 OR MORE	1.00 OR MORE	
JAN.	59.0	8.8	23.9	67.	1953	12	-30.	1962	11	0.0	9.4	31.0	7.3	.27	.95	1962	8	3.0	8.	1956	30	1.0	0.0	0.0
FEB	45.7	14.7	29.2	75.	1954	9	-39.	1951	1	0.0	5.4	27.9	2.6	.28	.42	1958	11	3.1	6.	1960	29	1.1	0.0	0.0
MAR	49.1	20.9	35.0	80.	1963	29	-18.	1960	3	0.0	3.7	29.3	1.4	.71	.83	1961	28	11.5	18.	1959	26	1.9	.2	0.0
APR	60.8	32.4	46.6	85.	1960	22	0.	1957	8	0.0	.6	15.1	.1	1.06	1.50	1957	2	3.3	14.	1953	12	2.3	.3	.2
MAY	72.2	43.4	57.9	95.	1954	21	23.	1954	2	.9	.1	1.9	0.0	2.37	1.80	1964	30	0.0	0.	0	0	4.7	1.5	.4
JUN.	82.7	52.0	67.4	106.	1954	24	32.	1954	3	8.1	0.0	.1	0.0	1.71	2.68	1962	30	0.0	0.	0	0	3.8	1.0	.5
JUL	89.9	57.3	73.6	105.	1954	11	40.	1952	8	18.4	0.0	0.0	0.0	1.30	1.31	1961	1	0.0	0.	0	0	3.0	.7	.2
AUG	86.7	54.7	70.7	100.	1955	1	39.	1964	28	11.5	0.0	0.0	0.0	1.33	1.83	1963	19	0.0	0.	0	0	3.2	.5	.1
SEP	78.1	44.6	61.4	99.	1954	1	26.	1965	18	3.6	0.0	1.6	0.0	1.25	1.60	1963	21	.3	0.	0	0	3.2	1.0	.2
OCT	67.6	33.1	50.4	88.	1953	2	13.	1954	31	0.0	.1	14.4	0.0	.75	.94	1960	19	.1	2.	1951	6	2.1	.5	0.0
NOV	50.1	20.2	35.2	77.	1965	1	-18.	1952	27	0.0	3.6	29.2	.9	.39	.49	1955	11	3.2	10.	1956	20	1.5	0.0	0.0
DEC	42.1	13.1	27.6	66.	1964	24	-19.	1954	28	0.0	6.7	30.9	2.9	.29	.58	1958	12	3.0	12.	1958	13	1.0	.1	0.0
ANNUAL	63.5	32.9	48.2							43.	29.	181.	15.	11.7				27.				29.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.10	.10	.44	.32	.18	.14	0.00	0.00	0.00	0.00	6.91
.10	.04	.11	.15	.18	.66	.47	.24	.24	.09	.05	0.00	.01	7.77
.20	.09	.17	.20	.27	.87	.72	.47	.42	.29	.17	.13	.05	8.92
.30	.14	.24	.30	.42	1.00	.96	.55	.51	.48	.28	.21	.09	9.81
.40	.18	.30	.40	.63	1.00	1.00	.84	.81	.69	.55	.34	.26	10.62
.50	.23	.37	.57	.81	1.00	1.00	1.00	1.00	1.00	.81	.68	.50	11.42
.60	.28	.51	.71	1.00	1.00	1.00	1.00	1.00	1.00	.92	.76	.50	12.26
.70	.34	.67	.87	1.00	1.00	1.00	1.00	1.00	1.00	.99	.83	.61	13.19
.80	.43	.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.92	.78	14.35
.90	.57	1.48	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.95	16.06
.95	.70	1.55	1.80	2.28	4.57	3.29	3.28	3.52	2.84	2.18	1.70	.89	17.57
ALPHA	1.82	4.88	1.63	1.33	2.09	2.10	1.65	1.41	1.25	1.24	2.54	1.02	12.84
BETA	.16	.06	0.00	0.00	1.14	.82	.79	.94	1.07	.64	.17	.30	.91
Q	.06	.06	0.00	0.00	0.00	0.00	0.00	0.00	.06	.06	.13	.06	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

GREELEY

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.0	27.7	34.9	43.7	57.1	62.1	72.6	69.3	60.0M	47.6	33.1	25.1M	46.5*
1952	25.7M	32.1	32.3	48.6	56.5	71.8	71.9	70.9	61.9	47.6	28.2	24.6	47.7*
1953	32.2	30.9	39.8	40.8	52.5	68.2	72.8	71.2	64.7	52.4	38.8	26.9	49.3
1954	28.2	39.5	33.8	51.5	56.3	67.5	76.8	70.3	64.5	47.9	38.2	27.4	50.2
1955	14.8	19.1	34.6	48.6	58.5	63.4	75.9	73.2	62.7	50.7	30.3	27.2	46.6
1956	29.8	19.4	36.3	45.2	60.3	72.7	73.0	68.8	62.1	51.9	32.7	30.7	48.6
1957	19.7	35.9	37.7	41.5	54.1M	65.5	73.9	71.9	59.0	48.5	34.0	33.1	47.9*
1958	27.5	33.4	31.0	44.0	61.5	68.4	70.2	72.5	64.0	50.3	35.2	26.9	48.7
1959	22.9	23.8	36.6	44.7	57.2	70.6	72.0	72.3	59.1	45.0	32.8	31.4	47.4
1960	22.3	24.4	34.4	49.6	57.2	67.7	72.2	70.7	63.0	50.4	36.9	25.6	47.9
1961	26.2	33.3	37.0	45.4	56.8	67.1	71.5	71.0	55.4	48.1	32.2	23.5	47.3
1962	12.3	29.6	33.8	50.6	59.7	65.6	71.9M	69.9	61.7	53.1M	39.7M	30.0M	48.2*
1963	11.6M	35.9	37.0	49.9	61.1	68.8	76.1M	70.2M	65.2	56.9M	39.3M	22.4M	49.5*
1964		27.0M	32.0	46.1	60.2	66.1	76.8	69.6	61.5M	52.1M	38.1M	29.5M	
1965	33.0M	27.0	28.1	50.4M	57.5	65.6	73.1M	69.6	53.2	53.9M		30.0M	
1966	22.3M	25.7	40.9	45.5M	59.2	66.7	77.1	70.2	64.1	50.3M	38.2M	27.7M	49.0*
1967	29.7M	32.3											
1968													
1969													
1970													

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GREEN MTN DAM

05 3592 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS							SNOW, SLEET			MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY			
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	31.0	5.6	18.3	61	1956	8	-41	1965	13	0.0	15.8	30.7	11.1	1.14	1.11	1951	29	24.4	35	1957	28	3.8	.2	0.0
FEB	34.9	7.1	21.0	58	1963	4	-44	1951	1	0.0	10.5	27.9	8.3	.98	.60	1957	9	14.0	34	1957	1	3.6	.1	0.0
MAR	41.8	12.9	27.4	66	1953	28	-19	1965	19	0.0	5.6	30.5	4.8	1.32	.51	1958	16	15.4	36	1952	21	5.1	.1	0.0
APR	53.9	24.6	39.3	74	1964	24	-7	1959	12	0.0	.5	26.8	.1	1.38	1.08	1957	7	7.2	30	1952	1	4.8	.4	.1
MAY	65.2	33.2	49.2	86	1964	20	12	1953	11	0.0	0.0	13.3	0.0	1.46	1.31	1960	5	0.0	0	0	0	4.0	.5	.1
JUN	74.9	39.4	57.2	95	1954	24	26	1954	2	.3	0.0	2.5	0.0	1.28	1.40	1963	16	0.0	0	0	0	3.7	.8	.2
JUL	81.1	45.4	63.3	97	1954	13	32	1968	1	.8	0.0	.1	0.0	1.44	1.30	1952	25	0.0	0	0	0	4.5	.5	0.0
AUG	78.6	43.9	61.3	98	1964	11	25	1951	25	.3	0.0	.8	0.0	1.81	1.15	1963	8	0.0	0	0	0	5.7	.6	.1
SEP	72.2	36.7	54.5	95	1952	6	15	1961	25	.1	0.0	7.4	0.0	1.52	1.50	1959	27	.2	2	1970	25	4.3	.9	.1
OCT	61.1	28.0	44.6	84	1952	8	7	1970	8	0.0	0.0	23.8	0.0	1.09	1.50	1970	7	1.5	13	1970	7	3.1	.5	.1
NOV	44.1	17.4	30.8	66	1954	11	-15	1952	29	0.0	3.8	28.5	2.0	1.06	.83	1970	26	14.8	19	1955	15	3.4	.3	0.0
DEC	32.7	7.8	20.2	59	1966	1	-26	1952	25	0.0	14.0	30.6	8.8	1.10	1.20	1966	6	20.1	35	1951	31	3.6	.2	.1
ANNUAL	56.0	25.2	40.6							1	50	223	35	15.6				98				50	5	1

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.18	.42	.50	.41	.45	.14	.61	.73	.15	.12	.36	.32	10.79
.10	.28	.51	.62	.54	.59	.24	.74	.80	.26	.21	.46	.43	11.68
.20	.44	.63	.80	.74	.80	.41	.93	1.13	.47	.36	.61	.58	12.81
.30	.60	.73	.94	.91	.97	.59	1.08	1.32	.68	.51	.74	.72	13.67
.40	.76	.83	1.08	1.07	1.15	.78	1.22	1.51	.91	.67	.85	.85	14.43
.50	.94	.93	1.22	1.24	1.33	1.00	1.36	1.69	1.17	.86	.98	.99	15.17
.60	1.14	1.03	1.38	1.43	1.55	1.18	1.51	1.99	1.47	1.07	1.11	1.14	15.94
.70	1.39	1.15	1.56	1.65	1.75	1.36	1.64	2.13	1.85	1.24	1.11	1.32	16.78
.80	1.72	1.30	1.79	1.94	2.05	1.69	1.91	2.42	2.37	1.57	1.47	1.55	17.81
.90	2.27	1.53	2.14	2.39	2.51	2.09	2.25	2.87	3.24	2.30	1.78	1.92	18.31
.95	2.78	1.73	2.46	2.80	2.94	3.38	2.55	3.78	4.08	2.88	2.07	2.26	20.60
ALPHA	1.82	5.78	4.64	3.35	3.47	1.44	5.72	5.21	1.37	1.46	3.99	3.26	26.31
BETA	.63	.17	.28	.41	.42	.89	.25	.35	1.11	.75	.27	.34	.58
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.18	.67	1.10	1.26		2.30	1.67	1.82	1.26	1.59	.70	3.47	
1952	1.36	.62	1.67	.86	1.54	.26	2.07	2.79	.53	.03	1.97	.40	14.10
1953	.59	.52	.86	2.18	2.12	.35	1.81	1.32	.17	1.05	.95	.77	12.69
1954	.66	.55	1.61	.51	1.78	.88	2.39	1.03	2.44	1.11	1.15	.70	14.81
1955	.39	1.02	1.22	.42	1.62	.73	.86	2.25	.52	.85	2.27	.37	12.52
1956	1.78	1.68	.87	1.94	1.37	.10	1.66	1.23	.06	.70	.77	1.14	13.30
1957	2.87	1.04	1.19	3.03	2.64	2.08	2.24	1.57	.87	1.27	.66	.80	20.26
1958	.24	.46	1.78	2.05	.54	.83	1.56	.87	1.19	.43	.98	.92	11.85
1959	1.41	1.05	1.48	1.85	2.08	1.85	1.44	2.47	3.59	2.11	.59	.45	20.37
1960	.31	1.41	1.71	1.26	2.19	.43	.75	1.57	1.00	.87	.99	.61	13.10
1961	.18	1.14	1.78	2.47	2.13	.33	2.26	1.93	5.95	.58	.75	.94	20.44
1962	2.48	1.40	.41	1.63	2.14	.96	.79	.77	.41	.53	.20	.82	12.54
1963	1.55	1.30	1.40	.30	.43	3.11	.86	5.22	.85	.49	.64	.56	16.71
1964	1.07	1.50	2.16	1.08	.41	1.19	1.71	1.54	.87	.33	1.43	2.01	14.80
1965	1.55	.69	2.62	.80	1.20	.94	2.27	2.23	2.51	.12	1.70	1.01	17.64
1966	.29	.60	.47	1.13	1.11	.66	.76	1.16	1.04	1.50	.70	1.88	11.30
1967	.93	1.84	1.27	.64	1.20	2.25	.95	1.60	2.00	1.17	.75	1.55	16.15
1968	.30	1.29	.68	1.27	1.75	.32	.64	1.96	1.04	.88	1.36	.92	12.41
1969	1.79	.71	.50	1.08	1.18	4.66	.92	1.22	1.58	3.48	.81	1.45	19.38
1970	.85	.42	1.58	1.78	.35	1.36	1.21	1.60	2.49	2.80	1.93	1.23	17.60

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							32.7	8.6	13.6	5.5	T	.0	
51-52	T	.0	.0	10.2	5.8	39.0	17.3	13.0	27.0	.6	.0	.0	112.9
52-53	.0	T	.0	T	17.0			5.0	5.0				
53-54			.0										
54-55								20.5	24.0	3.5	T	T	
55-56	.0	.0	.0		47.0	9.5	37.0	32.8	19.0		.0	.0	
56-57	.0	.0	.0					15.0	34.0		T	.0	
57-58	.0	.0	.0	.0		15.5					.0	.0	
58-59	.0	.0	.0								.0	.0	
59-60	.0	.0		2.0	7.0					T	.0	.0	
60-61	.0	T	.0									.0	
61-62	.0	.0	.0							.0	.0	.0	
62-63	.0	.0	.0	.0	.0				.0	.0	.0	.0	
63-64	.0	.0	.0	.0						.0	.0	.0	
64-65	.0	.0	.0	.0	13.5						.0	.0	
65-66	.0	.0		.0							.0	.0	
66-67	.0	.0	.0							.0	.0	.0	
67-68	.0	.0	.0								.0	.0	
68-69	.0	.0	.0	1.0				4.6	2.0	.0	T	.0	
69-70	.0	.0	.0		7.0	16.0	10.8	4.3	15.3	18.8	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	30.9	36.2	41.6	51.3	63.2	68.7	81.5	77.7	73.3	56.5	40.7	32.5M	54.5*
1952	25.6	29.0	35.3	53.3	63.8	77.8	76.4	75.0M	76.0	67.0	35.3	25.3	53.4*
1953	37.4	33.2	46.6	50.1	60.0	78.8	81.7M	78.6	74.8M	61.0	48.0	33.5	57.0*
1954	41.8	47.0	43.8	63.0	68.9	79.7	85.5	81.3	72.7	60.9	48.8	29.0	60.2
1955	25.3	27.4	41.1	53.1	64.9	70.3	80.6	77.0	74.5	63.7	41.8	38.3	54.8
1956	38.5	27.9	42.9	55.4	69.7	80.9	81.3	77.0	77.4	64.0	40.2	28.9	57.0
1957	29.8	40.9	41.9	50.4	59.9	72.1	79.3	78.6	72.1	60.3	40.3	36.2	55.2
1958	27.5	41.1	41.1	51.0	69.3	79.4	80.4	82.5	75.3	64.5	47.5	39.2	58.2
1959	34.5	36.6	42.2	52.6	64.8	78.8	81.8	78.0	69.2	57.9	44.8	37.6	56.6
1960	32.8	30.4	45.7	57.5	64.8	77.5	82.5	82.5	74.3	60.7	47.5	33.0	57.4
1961	32.4	40.5	45.7	51.2	66.2	77.5	80.5	79.8	63.7	60.7	42.5	31.8	56.0
1962	20.9	37.9	38.3	58.5	64.8	74.2	79.6	81.1	74.1	65.6	51.0	37.0	56.9
1963	26.8	41.3	44.4	58.5	70.6	76.9	85.1	78.2	77.3	69.1	48.5	33.4	59.2
1964	26.7	27.4	36.1	52.2	66.9	74.0	84.7	77.5	71.7	63.6	43.8	32.4	54.8
1965	31.6	33.1	32.6	53.0	62.4	72.3	78.1	75.5	64.7	65.4	47.2	34.6	54.2
1966	30.1	32.5	48.7	56.0	67.1	73.9	83.1	79.2	72.4	57.8	49.4	22.1	56.0
1967	32.2	32.5	48.8	57.2	60.9	69.2	79.3	76.8	71.3	61.6	46.6	28.4	55.4
1968	26.7	33.3	42.1	49.0	61.1	75.7	78.8	73.7	69.2	61.6	35.6	32.6	53.3
1969	38.7	32.6	36.9	58.1	68.6	68.3	82.1	81.5	72.2	50.2	39.7	34.1	55.3
1970	30.8	37.8	39.8	47.2	66.6	72.9	79.7	80.5	68.2	50.7	42.6	34.2	54.3

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	5.4	6.7	13.3	24.9	32.8	35.0	42.7	39.5	32.8	27.7	10.9	9.3M	23.4*
1952	.6	2.1	6.0	23.3	32.3	38.6	42.5	42.7M	35.0	25.0	10.6	2.1	21.7*
1953	15.5	5.7	17.1	22.5	29.5	38.1	45.7M	42.1	34.5M	26.0	20.6	10.0	25.6*
1954	15.4	16.1	17.7	29.5	34.7	40.6	49.8	45.0	40.4	31.5	22.1	4.0	28.9
1955	2.8	1.3	13.5	22.1	33.1	38.7	45.4	46.1	37.5	27.4	16.6	18.3	25.2
1956	14.8	.9	12.3	25.6	36.7	42.3	44.2	42.1	37.6	28.8	11.5	2.5	24.8
1957	3.0	12.4	14.9	23.2	22.7	40.2	47.0	46.2	34.1	31.7	12.7	7.8	25.5
1958	.1	15.3	13.5	22.6	35.1	41.6	44.5	44.0	37.9	26.5	18.0	12.7	26.0
1959	7.0	8.1	12.1	24.2	33.1	42.0	42.7	45.4	35.8	27.6	17.5	7.2	25.2
1960	10.0	5.7	19.0	26.7	32.4	40.4	43.5	42.8	38.9	28.3	18.4	6.2	26.0
1961	.4	9.9	17.3	24.8	33.4	39.6	45.2	46.6	32.9	27.0	14.3	6.6	24.8
1962	7.7	11.8	8.4	27.6	32.7	37.5	41.6	41.2	37.0	29.6	22.3	9.6	24.3
1963	.7	13.7	12.9	27.5	36.4	40.2	47.5	47.9	41.6	33.9	20.2	8.0	27.5
1964	.8	1.9	5.7	23.5	33.1	38.8	47.3	42.6	36.4	27.0	17.6	6.9	23.0
1965	6.1	4.8	5.5	25.4	32.4	38.8	44.9	41.5	35.5	27.7	22.9	9.1	24.7
1966	3.2	3.9	15.5	24.7	33.2	38.8	47.6	43.1	38.2	26.8	22.3	.7	24.8
1967	8.4	4.5	21.0	25.4	32.0	38.2	46.4	43.2	38.2	29.3	18.3	6.2	25.9
1968	1.7	8.6	11.1	21.1	31.7	40.0	45.5	43.7	34.6	28.8	13.4	8.7	24.1
1969	14.1	3.7	6.7	26.9	35.3	38.4	47.7	47.6	39.4	26.0	14.6	9.6	25.8
1970	9.4	10.3	14.4	20.7	31.9	39.7	45.8	45.7	36.1	23.9	22.4	9.7	25.8

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	18.2	21.5	27.5	38.1	48.0	51.9	62.1	58.6	53.1	42.1	25.8	20.9M	39.0*
1952	13.1	15.6	20.7	38.3	48.1	56.2	59.7	58.9M	55.5	46.0	23.0	13.7	37.6*
1953	26.5	19.5	31.9	36.3	44.8	58.5	63.7M	60.4	54.7M	43.5	34.3	21.8	41.3*
1954	28.6	31.6	30.8	46.3	51.8	60.2	67.7	63.2	56.6	46.2	35.5	16.5	44.6
1955	14.1	14.4	27.3	37.6	49.0	54.5	63.0	61.6	56.0	45.6	29.2	28.3	40.1
1956	26.7	13.5	27.6	40.5	53.2	61.6	62.8	59.6	57.5	46.4	25.9	15.7	40.9
1957	16.4	26.7	28.4	36.8	46.3	56.2	63.2	62.4	53.1	46.0	26.5	22.0	40.3
1958	13.7	28.2	27.3	36.8	52.2	60.5	62.5	63.3	56.6	45.5	32.8	26.0	42.1
1959	20.8	22.4	27.2	38.4	49.0	60.4	62.3	61.7	52.5	42.8	31.2	22.4	40.9
1960	21.4	18.1	32.4	42.1	48.6	59.0	63.0	62.7	56.6	44.5	33.0	19.6	41.8
1961	16.0	25.2	31.5	38.0	49.8	58.6	62.9	63.2	48.3	43.9	28.4	19.2	40.4
1962	6.6	24.9	23.4	43.1	48.8	55.9	60.6	61.2	55.6	47.6	36.7	23.3	40.6
1963	13.8	27.5	28.7	43.0	53.5	58.6	66.3	63.1	59.5	51.5	34.4	20.7	43.4
1964	13.0	12.8	20.9	37.9	50.0	56.4	65.9	60.1	54.1	45.3	30.7	19.7	38.9
1965	15.9	19.0	19.1	39.2	47.4	55.6	61.5	58.5	50.1	46.6	35.1	21.9	39.5
1966	16.7	18.2	32.1	40.4	50.2	56.4	65.4	61.2	55.3	42.3	35.9	11.4	40.5
1967	20.3	18.5	34.9	41.3	46.5	53.7	62.9	60.0	54.8	45.5	32.5	17.3	40.7
1968	14.2	21.0	26.6	35.1	46.4	57.9	62.2	58.7	51.9	45.2	24.5	20.7	36.7
1969	26.4	18.2	21.8	42.5	52.0	53.4	64.9	64.6	55.8	38.1	27.2	21.9	40.6
1970	20.1	24.1	27.1	34.0	49.3	56.3	62.8	63.1	52.2	37.3	32.5	22.0	40.1

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

GROVER 10W

05 3643 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET						MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	42.1	14.4	28.3	69.	1968	24	-27.	1963	19	0.0	6.7	29.7	3.5	.28	.60	1962	8	5.2	17.	1962	8	1.0	.1	0.0
FEB	44.9	17.1	31.0	74.	1962	11	-26.	1951	1	0.0	4.3	26.9	1.7	.36	.60	1955	18	4.5	3.	1967	17	1.3	.2	0.0
MAR	48.6	20.1	34.3	80.	1963	28	-15.	1960	3	0.0	3.9	27.8	1.4	.67	.50	1952	21	8.3	7.	1961	7	1.9	0.0	0.0
APR	60.3	30.0	45.2	83.	1962	19	3.	1966	20	0.0	.8	17.9	0.0	1.16	1.75	1969	13	6.3	3.	1967	13	2.9	.6	.1
MAY	70.6	40.4	55.6	93.	1969	27	16.	1954	2	.4	0.0	3.8	0.0	2.44	1.50	1970	23	.5	0.	0	0	5.4	1.7	.4
JUN	80.1	48.7	64.4	104.	1954	23	30.	1951	2	5.7	0.0	.2	0.0	2.64	2.05	1962	29	0.0	0.	0	0	5.9	2.0	.5
JUL	87.9	54.8	71.3	104.	1954	11	38.	1955	15	15.3	0.0	0.0	0.0	2.50	2.25	1953	16	0.0	0.	0	0	6.2	1.3	.6
AUG	85.9	53.3	69.6	103.	1969	8	32.	1956	29	10.6	0.0	.1	0.0	1.70	1.75	1954	6	0.0	0.	0	0	3.6	1.1	.3
SEP	77.6	44.7	61.2	97.	1959	8	21.	1962	9	2.6	0.0	1.8	0.0	1.06	1.29	1955	25	.2	1.	1965	20	2.7	.8	.1
OCT	66.2	35.6	50.9	88.	1967	3	3.	1969	14	0.0	.3	11.1	0.0	.72	1.51	1951	5	3.1	15.	1969	12	1.8	.3	.1
NOV	50.4	23.5	37.0	74.	1965	2	-10.	1951	2	0.0	3.6	24.5	.7	.44	.70	1955	11	5.4	3.	1967	2	1.4	.1	0.0
DEC	43.8	17.6	30.7	68.	1965	5	-23.	1964	17	0.0	5.3	29.4	1.9	.24	.40	1953	3	3.5	5.	1963	22	.3	0.0	0.0
ANNUAL	63.5	33.7	48.6							35.	25.	175.	9.	14.2				37.				34.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.20	.55	.71	.58	.43	0.00	0.00	0.00	0.00	8.29
.10	0.00	0.00	0.00	.30	.78	.97	.61	.59	0.00	0.00	0.00	0.00	9.36
.20	0.00	0.00	.10	.47	1.13	1.35	1.18	.84	.10	.08	0.00	0.00	10.78
.30	.03	0.00	.20	.63	1.46	1.68	1.51	1.06	.30	.18	.18	.06	11.49
.40	.10	.12	.32	.79	1.78	2.01	1.83	1.27	.51	.30	.28	.11	12.49
.50	.17	.23	.46	.97	2.12	2.35	2.16	1.57	.73	.45	.48	.23	13.88
.60	.25	.34	.62	1.17	2.50	2.73	2.57	1.76	1.00	.64	.59	.30	16.10
.70	.35	.47	.82	1.41	2.86	3.18	3.03	2.06	1.34	.87	.74	.41	17.54
.80	.49	.65	1.11	1.73	3.25	3.57	3.42	2.45	1.60	1.21	.98	.58	19.68
.90	.72	.95	1.60	2.25	4.52	4.89	4.60	3.08	2.57	1.60	.98	.58	21.57
.95	.95	1.24	2.08	2.75	5.42	5.55	5.51	3.66	3.32	2.39	1.19	.74	
ALPHA	1.16	1.41	1.11	1.97	2.47	2.98	2.54	2.75	1.24	.93	2.33	1.40	12.27
BETA	.32	.37	.67	.59	.99	.89	.99	.62	1.02	.87	.24	.21	1.16
Q	.25	.30	.11	0.00	0.00	0.00	0.00	0.00	.16	.11	.21	.21	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.46	.18	T	1.64	2.79	1.51	1.93	2.00	2.14	2.11	.50	.50	15.76
1952	.00	.37	1.80	1.60	3.12	1.34	.87	3.15	.03	.10	.70	.30	13.38
1953	.20	1.20	.30	2.16	2.11	4.11	3.69	2.15	.00	.37	.80	.500	17.59*
1954	.70	T	.73	.20	1.95	.32	.46	2.41	.07	.19	.54	.45	8.42
1955	.46	1.40	.50	.80	1.84	3.50	2.35	2.37	2.44	.28	1.05	.30	17.29
1956	.75	1.30	.50	1.15	1.36	1.70	1.34	1.11	.00	.00	1.20	.470	10.88*
1957	.310	.00	.750	2.43	6.06	3.06	4.49	2.02	.80	1.43	.61	T	21.96*
1958	T	.35	2.44	1.38	3.42	2.77	5.11	.670	.89	.20	.67	.940	18.88*
1959	.75	.40	1.90	1.65	2.98	1.30	2.29	.66	1.89	2.82	T	.00	16.64
1960	.25	.50	.51	.57	1.82	1.32	.82	.95	.37	1.660	.240	.300	9.31*
1961	.09	.11	1.93	.37	3.53	2.66	2.64	.45	2.88	.18	.44	.08	15.36
1962	1.05	.52	.16	.14	2.84	4.69	3.88	1.38	.36	.00	.37	.05	15.44
1963	.09	T	.24	.33	.84	1.88	1.31	3.80	2.28	.65	.06	.28	11.76
1964	.00	T	.24	1.21	1.80	1.36	.66	.93	.90	.22	T	T	6.92
1965	.25	.10	.23	.96	3.28	5.23	2.69	1.22	1.45	.26	.00	.03	15.70
1966	.03	T	.00	.60	.06	3.67	.91	1.30	1.60	.89	.10	.06	9.22
1967	.13	.11	.06	1.85	2.20	5.05	3.69	1.64	.85	.53	.700	.13	16.94*
1968	.02	.62	.25	.48	2.58	1.32	4.82	3.47	.00	.02	.42	.10	14.10
1969	T	.10	.10	2.43	2.39	3.85	3.01	.66	1.21	1.83	.00	.00	15.58
1970	T	.00			1.78	2.17	3.04						

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				9.0	5.0	5.0	9.0	3.0	T	2.0	T	.0	
51-52	.0	.0	.0	1.0	9.0	3.0	.0	3.0	18.0	10.0	.0	T	50.0
52-53	.0	.0	.0		8.0	5.0	2.0	12.0	3.0	18.5	T	T	48.5
53-54	.0	T	.0		4.0	5.0	7.0	T	6.1	2.0	3.0	T	
54-55	.0	.0	.0	T		5.0	8.0	14.0	7.0	7.0	.0	T	45.0
55-56	T	.0	T	.0	11.0	3.0	8.0	13.0	5.5	1.0	.0	.0	41.5
56-57	.0	.0	.0	.0	12.0			.0	5.0	19.0	7.0	.0	
57-58	.0	.0	.0	.0	9.0	T	T		22.0	5.0	.0	.0	
58-59	.0	.0	.0	.0			9.0	6.0	19.0	18.0	.0	.0	
59-60	.0	.0	2.0	12.0	T	.0	2.5	5.0	4.0	2.0	.0	.0	27.5
60-61	.0	.0	.0				1.0	1.0	23.5	6.0	.0	.0	
61-62	.0	.0	T	2.0	5.0		20.5		2.5	T	.0	.0	
62-63	.0	.0	.0	.0	5.5	1.0	9.0	T	10.0	1.5	.0	.0	27.0
63-64	.0	.0	.0	.0	1.0	12.5	.0	2.0	9.0	6.0	T	.0	30.5
64-65	.0	.0	.0	.0	2.0	1.5	10.0	6.5	8.5	1.2	.0	.0	29.7
65-66	.0	.0	1.0	.0	.0	3.0	2.0	1.5	.0	8.0	.0	.0	15.5
66-67	.0	.0	.0	3.0	7.0	2.0	8.0	11.0	4.5	9.0	.0	.0	44.5
67-68	.0	.0	.0	T	7.0	5.0	2.0	1.0	T	3.0	.0	.0	21.0
68-69	.0	.0	.0	.0	6.0	6.0	1.0	2.0	7.0	.0	.0	.0	22.0
69-70	.0	.0	.0	26.0	.0	.0	T	.0			.0	.0	

GROVER 10N

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	37.9	43.7M	48.1	55.1	69.7	72.1	86.1	82.8M	72.9	60.5	48.3	38.1	59.6*
1952	40.5	45.5	41.5	61.5	68.9	86.9	87.9	85.5	81.5	69.5	43.6	40.0M	62.7*
1953	51.1	43.6	56.8	53.4	64.6	81.4	86.8	83.8	81.6	68.3	54.6M		
1954	43.0M	57.7	46.3M	68.0	68.6	83.2	92.6	86.5	80.1	63.0M	56.2M	46.4	66.0*
1955	34.6	35.3M	45.5M	64.4	71.6	74.5	89.4M	86.1M	76.1M	67.5	37.0M	42.9	60.4*
1956	42.3	37.4	52.2	59.9	72.1M	87.9	86.6M	83.4	82.7	69.6M	48.6	44.1M	63.9*
1957		50.9M	48.7M	51.4	63.4	78.5M	87.5	84.5	75.9	62.4	45.2M	51.8	
1958	46.5	48.3M	39.8M	54.5	74.0	81.5	81.5	88.2	74.6	68.8	52.5	42.8	63.1*
1959	40.5	35.8	47.1	57.0	67.5	85.2	87.6	89.3	74.8	60.1	50.9	49.0	62.1
1960	39.2	34.2	48.8	64.0	70.9	83.3	88.4	88.5	80.7				
1961	48.1	49.9	47.7	58.9	68.0	80.9	86.5	87.0	69.4	64.4	47.7	40.3M	62.4*
1962	33.3	42.5	46.7	64.5	74.2	77.0	83.4	87.8	78.5	70.6M	54.9	47.9	63.4*
1963	32.9	50.7	51.2	63.5	75.5	84.1	91.7	83.1	80.4	73.1	56.8	41.2	65.4
1964	43.3	40.9	45.5	59.5	72.3	78.9	93.1	86.1	78.4	68.8	51.0	44.0	63.5
1965	47.1	41.9	40.2	63.5	69.5	75.6	86.1	83.5	66.3	70.2	56.7	47.1	62.3
1966	38.8	40.8	58.4	58.4	76.7	79.5	92.9	85.2	77.9	66.0	51.7	42.2	64.0
1967	45.0	48.5	57.9	63.5	66.5	73.3	83.5	84.9	77.1	68.5	51.4	37.3	63.1
1968	45.2	47.4	55.6	57.0	66.1	82.8	86.5	82.9	81.0	68.8	48.1	44.8M	63.9*
1969	46.4M	47.5	44.7	67.3	75.9	74.1	90.1	92.3	81.4	51.1	52.8	44.0	64.0*
1970	43.9	55.2			76.3M	80.7	89.6						

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.6	14.6M	15.4	25.8	38.7	41.8	52.3	49.6M	39.3	30.9	18.3	10.9	28.9*
1952	12.5	15.1	15.4	27.5	38.2	50.2	51.0	51.7	44.3	32.5	15.8	15.7M	30.8*
1953	20.9	12.9	22.2	25.3	36.2	48.3	53.6	51.2	44.0	35.3	25.8M		
1954	11.2M	22.3	17.0M	31.4	37.2	47.6	56.6	51.9	46.6	32.0	26.1M	18.5	33.2*
1955	10.2	9.5M	15.0M	30.8	41.5	47.1	56.0M	55.3M	45.5M	37.8	18.4M	18.5	32.1*
1956	19.0	13.3	21.8	27.1	41.2M	50.1	53.0M	49.5	45.0	36.3M	21.9	19.9M	33.2*
1957		22.0M	22.1M	28.5	38.5	50.1M	55.6	54.6	42.8	37.3	23.2M	22.1	
1958	18.1	20.6M	20.0M	31.1	45.2	50.8	52.0	56.1	45.8	37.4	23.4	21.3	35.2*
1959	15.8	15.7	22.3	27.6	41.0	50.8	52.5	55.2	44.1	31.9	19.0	19.8	33.0
1960	13.5	13.2	19.9M	32.1	39.8	48.8	55.2	53.1	47.4				
1961	16.2	18.3	21.5	27.0	38.3	49.1	53.0	54.9M	39.1	33.3	22.3	14.6M	32.3*
1962	5.8	16.4	19.1	33.0	42.9	47.9	53.0	52.5	44.3	40.3M	28.6	22.1	33.8*
1963	4.6	25.2	23.8	32.4	43.8	52.5	58.5	57.1	51.6	43.0	27.3	15.1	36.2
1964	15.1	14.5	17.5	31.1	43.3	49.0	59.5	54.1	45.1	36.5	25.1	17.4	34.4
1965	21.0	15.5	12.6	36.1	40.9	49.6	55.5	53.2	39.9	39.7	31.1	22.0	34.8
1966	11.8	15.3	26.2	29.4	42.3	49.4	59.7	52.5	47.6	34.9	25.4	16.9	34.3
1967	19.4	20.4	27.5	32.2	39.6	48.7	54.6	51.1	44.4	35.1	23.0	10.9M	33.9*
1968	14.7	19.7	25.2	27.4	36.7	47.8	53.7	51.5	43.9	37.9	23.0	13.6	32.9
1969	15.5	18.5	16.9	34.7	43.0	46.3	55.3	57.5	49.0	29.2	25.4	19.6	34.2
1970	14.9	18.7			40.7M	49.0	54.9						

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.8	29.2M	31.8	40.5	54.2	57.0	69.2	66.2M	56.1	45.7	33.3	24.5	44.3*
1952	26.5	30.3	28.5	44.5	53.6	68.6	69.5	68.6	62.9	51.0	29.7	27.9M	46.8*
1953	36.0	28.3	39.5	39.4	50.4	64.9	70.2	67.5	62.8	51.8	40.2M		
1954	27.1M	40.0	31.7M	49.7	52.9	65.4	74.6	69.2	63.4	47.5M	41.2M	32.5	49.6*
1955	22.4	22.4M	30.5M	47.6	56.6	60.8	72.7M	70.7M	60.8M	52.7	27.7M	30.7	46.3*
1956	30.7	25.4	37.0	43.5	56.7M	69.0	69.8M	66.5	63.9	53.0M	35.3	32.0M	48.6*
1957		36.5M	35.4M	40.0	51.0	64.3M	71.6	69.6	59.4	49.9	34.2M	37.0	
1958	32.3	34.5M	29.9M	42.8	59.6	66.2	66.8	72.2	62.2	53.1	38.0	32.1	49.1*
1959	28.2	25.8	34.7	42.3	54.3	68.0	70.1	72.3	59.5	46.0	35.0	34.4	47.6
1960	26.4	23.7	34.4M	48.1	55.4	65.1	71.8	70.8	64.1				
1961	32.2	34.1	34.6	43.0	53.2	65.0	69.8	71.0M	54.3	48.9	35.0	27.5M	47.4*
1962	19.6	29.5	32.9	48.8	58.6	62.5	68.2	70.2	61.4	55.5M	41.8	35.0	48.7*
1963	18.8	38.0	37.5	48.0	59.7	68.3	75.1	70.1	66.0	58.1	42.1	28.2	50.8
1964	31.2	27.7	31.5	45.3	57.8	64.0	76.3	70.1	61.8	52.7	38.1	30.7	48.9
1965	34.1	28.7	26.4	49.8	55.2	62.6	70.8	68.4	53.1	55.0	43.9	34.6	48.6
1966	25.3	28.1	42.3	43.9	59.5	64.5	76.3	68.9	62.8	50.5	38.6	29.6	49.2
1967	32.2	34.5	42.7	47.9	53.1	61.0	69.1	68.0	60.8	51.8	37.2	24.1M	48.5*
1968	30.0	33.6	40.4	42.2	51.4	65.3	70.1	67.2	62.5	53.4	35.6	29.2M	48.4*
1969	31.0M	33.0	30.8	51.0	59.5	60.2	72.7	74.9	65.2	40.2	39.1	31.8	49.1*
1970	29.4	37.0			58.5M	64.9	72.3						

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)														
	MEAS			EXTREMES				MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN																									
FEB																									
MAR																									
APR																									
MAY																									
JUN																									
JUL																									
AUG																									
SEP																									
OCT																									
NOV																									
DEC																									
ANNUAL																									

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.08	0.00	0.00	0.00	0.27	0.85	0.81	0.00	0.00	0.07	0.00	8.67
.10	0.00	.13	.30	.23	.47	.41	1.12	1.10	.02	.12	.12	0.00	9.90
.20	.06	.22	.44	.47	.78	.64	1.53	1.53	.09	.29	.19	.16	11.53
.30	.14	.30	.53	.66	1.02	.86	1.88	1.81	.09	.44	.26	.25	12.82
.40	.22	.39	.62	.89	1.25	1.09	2.22	2.28	1.09	.60	.34	.33	13.99
.50	.30	.49	.71	1.11	1.48	1.33	2.55	2.67	1.29	.78	.43	.41	15.15
.60	.39	.59	.80	1.36	1.74	1.61	2.97	3.11	1.51	.99	.52	.50	16.31
.70	.46	.63	.90	1.65	2.04	1.94	3.33	3.62	1.77	1.25	.64	.60	17.75
.80	.54	.73	1.05	2.07	2.44	2.33	4.03	4.58	2.10	1.59	.80	.74	19.46
.90	.68	1.01	1.24	2.57	2.95	2.81	4.96	5.33	2.52	2.16	1.07	.96	22.00
.95	1.11	1.49	1.43	3.35	3.63	3.81	5.62	6.31	3.11	2.72	1.32	1.17	24.26
ALPHA	1.62	1.70	4.88	1.89	2.94	1.94	3.33	2.98	3.05	1.49	1.66	2.26	10.67
BETA	.28	.35	.16	.74	.59	.82	.86	1.01	.49	.71	.32	.23	1.47
G	.16	0.00	.05	.05	.05	0.00	0.00	0.00	.05	.05	0.00	.11	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 G= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.44	.32	1.26	.40	1.44	1.06	1.37	1.53	.42	1.24	.18	.32	9.98
1952	.18	.03	1.02	1.35	1.77	.22	2.59	2.17	.67	.07	.86	.22	11.15
1953	.16	.58	.36	1.21	1.47	2.38							
1954									1.29	.64	.46	.27	
1955	.41	1.23	.82	.460	2.22	.62	1.88	5.31	1.03	T	.60	.34	14.92*
1956	.54	.25	1.00	3.04	1.640	.90	1.68	3.25	T	.43	.49	.52	13.74*
1957	1.81	.35	.31	5.09	5.24	1.59	7.56	2.62	.50	2.49	1.950	T	29.51*
1958	.35	.14	1.120	1.650	1.73	.64	.92	2.76	1.89	.57	.47	.20	12.44*
1959	.40	.530	.85	1.35	1.67	2.10	2.47	2.46	3.900	3.200	.10	.20	19.23*
1960	.30	1.43	.60	.75	1.41	.59	2.50	.35	.51	1.29	.15	1.00	10.88
1961	T	1.05	1.15	.65	1.10	3.39	2.06	3.41	1.49	.89	.65	.20	16.04
1962	.450	.32	.33	1.50	T	.49	.58	.57	1.06	.80	.55	.40	7.05*
1963	1.35	.720	.350	T	.26	1.00	1.88	6.76	1.48	.68	.07	.38	14.93*
1964	T	.90	.75	.15	2.52	1.24	2.58	2.66	1.63	.12	1.10	.65	14.30
1965	.15	.90	.90	2.60	.88	2.56	3.97	3.41	2.73	.65	.09	.25	19.09
1966	.10	.65	T	1.40	1.72	1.37	4.37	3.44	2.39	.57	.70	.35	17.06
1967	.25	.30	.45	1.140	1.32	1.91	4.24	3.75	1.47	.87	.420	1.050	17.17*
1968	.35	1.250	1.000	1.20	.47	.42	3.90	3.18	.77	.40	.60	.75	14.29*
1969	.10	.20	.50	.60	3.05	4.00	3.69	2.21	1.52	3.04	.25	1.88	21.04
1970	T	.20	1.30	.80	1.400	3.77	3.18	4.18	2.36	1.10	.30	T	18.59*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.7	4.8	23.8	5.5	T		
51-52	.0	.0	2.0	11.4		6.4	2.2	1.5	13.6	3.0		.0	
52-53	.0	.0	.0	T			2.3		7.0	9.3	2.2	T	
53-54													
54-55			.0	2.1	5.2	4.4	4.2	19.4	9.9			T	
55-56	.0	T	.0	.0	6.0	3.4		10.0	1.2	2.3		.0	
56-57	.0	.0	.0	T	13.9	7.9	18.3	4.2	7.8	51.2	.5	.0	103.8
57-58	.0	.0	.0	T		T	4.5	5.3		10.7	T	.0	
58-59	.0	.0	T	T	5.2	5.0	8.2		10.0	4.5	6.0	.0	
59-60	.0	.0		60.7	3.0	2.0	4.3	12.5		6.0	7.0	.0	
60-61	.0	.0	.0	.7	4.0		1.0	13.0	16.0	12.4	T	T	
61-62	.0	.0	10.0	10.0	13.0	6.5	11.0	7.1	8.0	16.2	T	T	81.8
62-63	.0	.0	.0	T	6.0	6.0	14.2	7.2	8.0	.0	.0	.0	41.4
63-64	.0	.0	.0	10.0	1.0		T	23.2	10.5	4.0	T	T	
64-65	.0	.0	T	.0	17.2	10.2		28.6	33.4	18.4	T	.0	
65-66	.0	.0	7.0	T	1.0	6.6	2.0	12.2	T		8.0	.0	
66-67	.0	.0	.0	6.0	5.0	7.2	3.5	7.2			1.0	.0	
67-68	.0	.0	.0	5.0	5.0	21.0	5.0	12.2	15.2			T	
68-69	.0	.0	.0	3.2			3.0		12.0			T	.0
69-70	.0	.0	.0		4.7	53.0	T	2.0	23.0	11.0	6.0	T	

CLIMATOLOGY REPORT NO. 77-1

GUNNISON

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS			
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW								.10 OR MORE	.50 OR MORE	1.00 OR MORE	
JAN	27.2	-6.4	10.4	63.	1954	31	-37.	1966	4	0.0	20.7	30.9	21.6	1.09	.97	1969	25	15.8	22.	1969	26	3.1	.3	0.0
FEB	31.9	-2.4	14.8	56.	1954	9	-41.	1955	21	0.0	13.9	28.2	15.4	.96	.78	1962	9	12.4	20.	1969	16	3.3	.3	0.0
MAR	40.4	8.7	24.6	65.	1953	27	-27.	1966	5	0.0	6.4	30.9	7.5	.88	1.09	1955	10	8.8	20.	1969	10	2.9	.1	.1
APR	55.1	20.8	38.0	75.	1959	30	-7.	1963	3	0.0	.3	29.0	.1	.73	.61	1961	8	3.2	1.	1970	19	1.9	.3	0.0
MAY	67.1	28.6	47.9	87.	1956	31	7.	1968	7	0.0	0.0	22.3	0.0	.63	.50	1966	28	.5	0.	0	0	2.1	.1	0.0
JUN	76.7	35.3	56.0	95.	1954	23	21.	1955	2	.3	0.0	9.1	0.0	.59	.59	1953	19	0.0	0.	0	0	2.1	.1	0.0
JUL	81.7	42.6	62.2	93.	1960	26	23.	1968	1	.6	0.0	.6	0.0	1.60	1.20	1952	31	0.0	0.	0	0	3.9	.6	0.0
AUG	79.0	40.3	59.7	96.	1958	6	24.	1962	25	.4	0.0	4.1	0.0	1.55	.96	1959	3	0.0	0.	0	0	4.7	.3	0.0
SEP	73.5	31.1	52.4	89.	1960	4	15.	1962	10	0.0	0.0	17.7	0.0	.97	.85	1970	12	.2	0.	0	0	3.4	.3	0.0
OCT	62.7	21.5	42.1	79.	1958	4	3.	1967	30	0.0	0.0	27.7	0.0	.81	1.14	1969	3	2.0	9.	1969	16	2.7	.5	.1
NOV	45.1	10.4	27.8	69.	1952	3	-26.	1952	27	0.0	3.9	29.8	4.6	.82	1.25	1959	4	8.4	9.	1965	25	2.1	.3	.1
DEC	30.3	-1.9	14.2	55.	1958	5	-35.	1954	29	0.0	18.0	30.9	18.4	.96	.80	1954	4	11.7	21.	1951	19	2.9	.1	0.0
ANNUAL	55.7	18.9	37.3							1.	63.	261.	68.	11.6				63.				35.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.13	.14	.18	.09	.10	0.00	.32	.46	.10	0.00	.27	.24	7.45
.10	.20	.21	.26	.15	.15	0.00	.47	.61	.18	.08	.35	.33	8.21
.20	.30	.31	.39	.24	.24	.18	.70	.83	.31	.21	.46	.47	9.20
.30	.40	.41	.51	.36	.33	.28	.91	1.02	.45	.33	.56	.60	9.96
.40	.50	.52	.63	.46	.42	.48	1.13	1.20	.59	.47	.65	.72	10.65
.50	.60	.62	.75	.58	.52	.60	1.36	1.40	.75	.61	.75	.85	11.32
.60	.70	.71	.87	.72	.63	.74	1.63	1.61	.95	.79	.85	.99	12.01
.70	.80	.81	1.07	.89	.77	.88	1.94	1.86	1.18	1.01	.98	1.16	12.78
.80	.90	.91	1.33	1.12	.95	.93	2.36	2.18	1.51	1.30	1.14	1.38	13.73
.90	1.40	1.27	1.94	1.49	1.25	1.24	3.03	2.69	2.05	1.80	1.38	1.73	15.17
.95	1.50	1.40	2.02	1.66	1.54	1.53	3.66	3.15	2.58	2.28	1.61	2.05	16.33
ALPHA	1.53	1.69	2.23	1.60	1.81	1.90	2.22	3.32	1.42	1.34	3.78	2.79	17.99
BETA	.72	.57	.40	.46	.35	.34	.72	.47	.69	.64	.22	.34	.64
Q	0.00	0.00	0.00	0.00	0.00	.10	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.47	1.05	.46	.84	.31	.11	1.35	2.26	.74	.38	1.11	2.91	11.99
1952	2.77	.43	.65	.57	.40	.53	3.02	.68	1.18	.00	.69	.32	11.44
1953	.75	.67	.87	1.21	.93	.65	2.94	1.25	.37	.77	1.30	1.68	13.39
1954	.18	.18	.79	.06	.27	.62	2.12	1.08	1.58	.93	.77	1.03	9.61
1955	.62	1.28	1.18	.29	.95	.32	1.65	3.01	.04	.31	1.49	1.10	12.24
1956	3.52	.97	.30	1.58	.78	.81	.92	.68	.44	.47	1.08	.78	12.33
1957	3.43	1.24	.55	.46	1.75	.90	3.07	1.88	.04	1.07	.99	.85	15.83
1958	.78	1.68	1.56	.67	.31	.14	.22	1.16	.88	.70	.60	1.10	9.80
1959	.39	2.13	.90	2.10	1.10	1.22	1.10	3.34	1.72	1.74	1.25	.76	17.75
1960	.50	2.46	1.37	.90	.32	T	.71	.45	1.01	.44	.51	.67	9.74
1961	.18	.89	3.31	1.71	.74	T	.99				.86	.41	
1962	.88	1.83	.26	.78	.36	.38	.75	.39	.81	.81	.41	.22	7.88
1963	1.11	.90	.51	.31	.02	.53	.26	2.98	.97	.90	.32	.59	9.40
1964	.32	.57	1.46	.37	1.03	.41	1.68	1.41	.60	.02	.56	1.69	10.12
1965	.73	.47	1.04	.41	.41	.71	3.81	1.62	1.23	.30	1.87	.62	13.22
1966	.40	.37	.25	.43	1.22	.44	.44	1.16	.34	.51	.32	1.58	7.46
1967	.71	.10	.43	.05	.52	.78	1.39	1.77	1.54	.31	.52	1.06	9.18
1968	.75	.84	.20	.97	.63	.10	1.94	1.42	.53	.45	.65	.50	8.98
1969	2.40	1.00	.65	.24	.16	2.49	2.11	.99	1.10	4.13	.23	.95	16.45
1970	.55	.07	.68	.60	.35	.97	1.44	1.87	3.32	1.19	.86	.32	12.22

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T	13.7	29.4	7.2	13.2		.3	T	.0	
51-52	.0	.0	.0	.0	7.0		34.7	7.5	11.4	T	.0	.0	96.7
52-53	.0	.0	.0	.0	9.1		13.9	8.9	6.6	.5	1.5	.0	
53-54	.0	.0	.0	T	11.8	11.3	2.8	2.0		.0		.0	
54-55	.0	.0	.0	.0			8.2	17.4	7.1	2.3	.0	.0	58.1
55-56	.0	.0	.0	1.8	15.0	18.2	45.1	13.8	4.4	3.0	.0	.0	101.3
56-57	.0	.0	.0	6.1	11.9	9.3	50.2	15.0	5.6			.0	
57-58	.0	.0	.0	T	11.6	11.9	10.1	19.3	13.2	7.4	.0	.0	73.5
58-59	.0	.0	.0	.0	5.8	11.7	5.3	19.0	5.2	7.8	.0	.0	54.8
59-60	.0	.0	4.0	1.0		5.4	11.3	33.0			.0	.0	
60-61	.0	.0	.0	.0	3.3	9.9	2.0	9.6	11.2	9.6	3.0	.0	48.6
61-62	.0				14.5	7.0	17.5	24.5	5.1	7.5	.0	.0	
62-63	.0	.0	.0	.0	1.0	2.0	15.5	5.0	5.5	3.0	.0	.0	32.0
63-64	.0	.0	.0	.0	2.0	11.8	7.9	10.5	22.5		2.5	.0	
64-65	.0	.0	.0	.0	9.5	21.0	11.2	6.7	12.5	T	T	.0	60.9
65-66	.0	.0	T	.0	19.5	10.5	6.7	5.9	4.5	1.5	2.0	.0	50.6
66-67	.0	.0	.0	.0	2.5						.0	.0	
67-68	.0	.0	.0	.5	7.0	13.5	13.5		2.0		.0	.0	
68-69	.0	.0	.0	T	6.5	6.7	29.6	11.9	5.5	.0	.0	.0	63.2
69-70	.0	.0	.0	24.0	1.5	13.2	7.5	.5	16.2	4.8	.0	.0	67.7

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.8 ^M	36.5	41.8	54.7	67.6	75.5	85.7	79.1	76.1	60.6	35.8	24.4	55.6*
1952	20.8	24.6	33.8	54.5	69.4	81.5	82.3	79.7 ^M	78.1	70.9	44.6	26.4	55.6*
1953	31.9	30.9	44.5	52.5	62.5	80.2	81.7	79.6	78.3	65.3	47.9	31.7	57.3
1954	38.6	48.5	45.7	63.8	72.1	80.4	83.2	80.7	73.6	65.7	55.1	20.5	60.7
1955	22.4	23.6	38.4	55.3	66.0	75.5	83.1	81.4	78.1	66.3	42.3	29.9	55.2
1956	32.2	25.1	38.5	55.9	71.3	81.2	82.6	79.0	79.3	64.1	38.5	27.5	56.3
1957	27.0	32.1	38.7	52.3	60.1	75.3	79.2	79.1	74.1	59.5	39.1	31.7	54.0
1958	26.0	36.4	37.7	52.8	72.0	80.8	82.8	84.2	74.9	65.7	48.7	41.1	58.6
1959	32.0	35.3	44.1	56.1	67.7	80.9	83.5	78.2	71.7	61.0	50.1 ^M	40.0	58.4*
1960	31.8	30.1	43.0	58.8	67.4	80.2	84.6	84.0	76.1	61.9	48.3	30.3	58.0
1961	28.1	39.6	46.7	54.0	69.6	80.9	83.1 ^M				40.8	27.1	
1962	21.3	32.8	33.1	58.1	65.9	74.9	79.1	79.7	72.6	65.1	51.4	40.0	56.2
1963	29.0	39.9	45.5	57.0	70.8	75.6	83.1	76.5	75.4	67.2	48.9	30.1	58.3
1964	24.0	27.9	34.1	52.0	66.0	73.7	82.6	75.8	70.0	65.3	43.9	28.7	53.7
1965	26.5	26.9	34.9	54.4	62.7	71.9	77.4	75.9	65.9	65.8	44.7	24.8	52.7
1966	14.3	21.8	40.2	56.9	68.1	74.7	82.3	78.8	73.4	61.5	49.2	32.0	54.4
1967	30.5	36.5	51.3	57.2	63.1	71.9	79.8	76.2	70.8	63.9	48.2	27.6	56.4
1968	20.0	31.0	40.9	50.0	62.3	76.3	78.7	73.9	69.6	61.1	39.4	29.3	52.7
1969	30.8	21.4	32.5	57.1	70.0	69.9	80.2	80.3	70.9	47.3	42.5	32.1	52.9
1970	26.5	37.6	41.9	49.6	67.3	73.3	79.5	78.7	68.1	52.5	43.6	30.2	54.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 5.0	- 2.0	9.5	22.7	29.3	32.7	42.1	40.5	27.7	21.3	3.0	- 5.4	18.0
1952	- 7.5	-10.9	4.0	20.7	29.7	37.8	42.5	40.6 ^M	31.1	17.3	5.9	- 4.6	17.2*
1953	- 1.3	- 4.1	13.4	21.1	29.0	35.6	45.3	38.6	28.0	22.4	15.1	- 3.0	20.0
1954	3.4	11.3	13.3	22.1	31.0	34.1	45.8	39.9	33.9	24.5	12.7	-13.0	21.6
1955	-13.4	-12.7	6.4	18.3	28.3	34.6	40.9	44.6	30.0	19.2	8.0	.7	17.1
1956	3.8	- 7.8	2.6	23.6	31.1	38.3	41.3	35.8	28.5	20.5	3.8	- 8.0	17.8
1957	- 2.5	3.9	13.4	21.1	24.6	34.6	44.6	43.9	28.2	26.0	10.8	- 1.4	20.6
1958	-11.5	2.0	9.0	20.6	30.7	36.8	38.5	41.5	35.0	22.4	10.3	5.0	20.0
1959	- 2.5	3.1	12.5	21.6	29.8	37.1	40.8	42.1	31.7	22.4	9.6 ^M	2.5	20.9*
1960	- 5.0	- 4.8	10.3	21.6	25.3	34.3	40.0	36.0	33.7	23.3	7.8	- 2.9	18.3
1961	-13.1 ^M	1.1	14.0	19.8	30.2	38.0	41.7 ^M				9.1	- 2.8	
1962	-11.7	2.8	- 1.0	23.6	27.1	33.4	39.0	34.7	30.1	21.0	12.3	3.4	17.9
1963	- 5.8	6.9	11.5	19.8	30.9	35.0	42.7	44.5	34.4	26.1	14.3	- 4.6	21.3
1964	-13.6	-11.1	2.5	21.8	28.6	34.3	44.5	39.1	30.7	19.2	11.0	.1	17.3
1965	- 2.5	- 5.4	7.1	23.6	28.7	35.9	44.3	37.9	31.6	18.2	13.1	- 4.8	19.0
1966	-21.5	-15.3	5.2	18.2	27.2	34.8	44.2	39.2	30.6	19.8	12.0	1.1	16.3
1967	- 2.3	.2	16.8	18.5	27.2	35.2	44.1	39.2	32.1	18.3	9.2	- 3.5	19.6
1968	-16.2	- 2.5	6.9	16.0	24.8	31.0	41.8	40.8	27.7	22.6	12.0	.5	17.0
1969	3.2	- 9.3	1.3	22.9	31.1	35.8	44.4	43.7	35.3	21.9	10.9	3.0	20.4
1970	- 3.7	5.6	15.8	18.6	26.5	35.8	43.9	43.2	31.5	21.4	17.0	1.2	21.4

GUNNISON

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.4M	17.3	25.7	38.7	48.5	54.1	63.9	59.8	51.9	41.0	19.4	9.5	36.9*
1952	6.7	6.9	18.9	37.6	49.6	59.7	62.4	60.2M	54.6	44.1	25.3	10.9	36.4*
1953	15.3	13.4	29.0	36.8	45.8	57.9	63.5	59.1	53.2	43.9	31.5	14.4	38.7
1954	21.0	29.9	29.5	43.0	51.6	57.3	64.5	60.3	53.8	45.1	33.9	3.8	41.1
1955	4.5	5.5	22.4	36.8	47.2	55.1	62.0	63.0	54.1	42.8	25.2	15.3	36.2
1956	18.0	8.7	20.6	39.8	51.2	59.8	62.0	57.4	53.9	42.3	21.2	9.8	37.1
1957	12.3	18.0	26.1	36.7	42.4	55.0	61.9	61.5	51.2	42.8	25.0	15.2	37.3
1958	7.3	19.2	23.4	36.7	51.4	58.8	60.7	62.9	55.0	44.1	29.5	23.1	39.3
1959	14.8	19.2	28.3	38.9	48.8	59.0	62.2	60.2	51.7	41.7	29.9M	21.3	39.7*
1960	13.4	12.7	26.7	40.2	46.4	57.3	62.3	60.0	54.9	42.6	28.1	13.7	38.2
1961	7.5M	20.4	30.4	36.9	49.9	59.5	62.4M				25.0	12.2	
1962	4.8	17.8	16.1	40.9	46.5	54.2	59.1	57.2	51.4	43.1	31.9	21.7	37.1
1963	11.6	23.4	28.5	38.4	50.9	55.3	62.9	60.5	54.9	46.7	31.6	12.8	39.9
1964	5.2	8.4	18.3	36.9	47.3	54.0	63.6	57.5	50.4	42.3	27.5	14.4	35.5
1965	12.0	10.8	21.0	39.0	45.7	53.9	60.9	56.9	48.8	42.0	28.9	10.0	35.8
1966	- 3.6	3.3	22.7	37.6	47.7	54.8	63.3	59.0	52.0	40.7	30.6	16.6	35.4
1967	14.1	18.4	34.1	37.9	45.2	53.6	62.0	57.7	51.5	41.1	28.7	12.1	38.0
1968	1.9	14.3	23.9	33.0	43.6	53.7	60.3	57.4	48.7	41.9	25.7	14.4	34.9
1969	17.0	6.1	16.9	40.0	50.6	52.9	62.3	62.0	53.1	34.6	26.7	17.6	36.7
1970	11.4	21.6	28.9	34.1	46.9	54.6	61.7	61.0	49.8	37.0	30.3	15.7	37.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

HAMILTON

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.85	1.54	.43	2.46	1.66	1.54	1.83	1.64	.29	2.60	1.20	4.44	20.58
1952	1.43	.77	2.96	1.21	2.32	1.52	.77	2.17	.16	.00	1.19	1.66	16.16
1953	1.69	.97	2.00	2.27	2.11	.52	2.30	1.76	.03	1.29	1.23	.75	16.92
1954	1.56	.54	2.94	1.15	1.21	.82	1.36	1.47	4.50	1.64	1.08	.90	19.17
1955	1.29	2.35	.78	1.20	.74	1.65	.48	2.16	.85	1.12	2.82	.86	16.30
1956	1.94	2.24	.40	.38	.47	.15	2.030	.71	.00	.99	1.26	1.760	12.33*
1957	2.350	.600	1.510	2.310	5.06	2.66	2.63	1.59	.20	2.75	1.88	1.10	24.64*
1958	.68	1.59	1.88	.92	.90	.10	.54	.15	2.31	.30	1.20	.81	11.38
1959	.83	1.80	2.30	1.15	.92	1.97	1.45	1.58	3.52	2.26	.33	.58	18.69
1960	1.11	2.17	2.14	1.73	1.84	1.18	.45	.75	.90	1.25	1.81	.72	16.05
1961	.21	1.21	2.25	3.03	2.50	.22	.38	1.06	4.81	.80	.57	1.32	18.36
1962	1.25	2.95	.73	2.03	.57	.60	.28	.15	.49	.65	1.18	.83	11.71
1963	.47	.71	1.38	1.76	.30	.95	.59	2.34	1.33	.78	1.13	.66	12.40
1964	1.10	1.09	1.58	2.21	1.53	2.07	1.33	2.43	.82	.64	2.29	3.87	20.96
1965	1.42	1.03	1.36	1.20	2.64	1.14	1.40	2.07	3.65	.16	1.54	1.84	19.45
1966	.65	1.10	.76	.74	1.11	.12	1.01	1.59	1.09	3.36	.69	2.48	14.70
1967	1.01	1.07	1.70	1.39	3.51	2.09	1.65	3.90	1.04	1.35	1.05	3.40	23.16
1968	.37	2.20	.36	3.75	2.07	.45	1.72	2.58	.95	1.48	1.71	1.55	19.19
1969	2.62	1.45	.54	2.40	.05	3.59	2.54	.88	2.76	3.93	1.68	1.62	24.06
1970	1.17	.67	1.45	2.70	.50	2.56	.94	1.14	1.24	3.99	1.94	.81	19.11

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							17.0	15.0	6.0	3.0	T	.0	
51-52	.0	.0	.0	6.0	13.0	56.0	23.0	23.1	31.4	6.0	1.0	.0	159.5
52-53	.0	.0	.0	.0	19.0	43.0	15.0	18.0	18.0	17.0	6.0	.0	136.0
53-54	.0	T	.0	2.0	13.0	33.0	19.0	6.0	38.0	2.0	1.0	T	114.0
54-55	.0	.0	.0	T	7.0	11.0	24.0	48.0	20.0	18.0	5.0	.0	133.0
55-56	.0	.0	.0	11.0	39.0	13.0	33.0	34.0	4.0	6.0	.0	.0	140.0
56-57	.0	.0	.0	7.0	18.0						T	T	
57-58	.0	.0	.0	T	6.0						.0	.0	
58-59	.0	.0	T	T			6.0	15.0	14.0		.0	.0	
59-60	.0	.0	.0	.0		2.5					T	.0	
60-61	.0	.0	.0	.0		6.0	3.0	11.0		23.2	.0	.0	
61-62	.0	.0	.0	.0	8.0	9.2	36.1		10.0		.0	.0	
62-63	.0	.0	.0	T		14.0	15.0	2.0	21.0	1.0	.0	.0	
63-64	.0	.0	.0	.0	6.0		26.0	24.0	36.0		.0	.0	
64-65	.0	.0	.0	.0	35.0	40.0	24.0	23.0	25.0	2.0	.0	.0	149.0
65-66	.0	.0	14.0	.0	.0			34.0		6.0	.0	.0	
66-67	.0	.0	.0	.0						.0	.0	.0	
67-68	.0	.0	.0				8.0			26.0	4.0	.0	
68-69	.0	.0	.0	.0	18.0			15.0		.0	.0	.0	
69-70	.0	.0	.0	9.0						.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

HASWELL

05 3828 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN NO OF DAYS				SIGN, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN														.32	.85	1960	17	3.4	7.	1951	13	.8	.1	0.0
FEB														.55	.75	1960	14	5.3	5.	1965	11	1.3	.2	0.0
MAR														.51	.55	1958	26	4.8	8.	1952	22	2.0	.2	0.0
APR														1.00	1.60	1957	3	2.1	6.	1953	11	1.9	.3	.1
MAY														1.85	3.06	1962	16	.1	0.	0	0	4.1	1.1	.3
JUN														1.35	1.64	1965	14	0.0	0.	0	0	3.5	.9	.3
JUL														2.12	2.10	1966	22	0.0	0.	0	0	4.9	1.9	.3
AUG														1.86	3.77	1952	29	0.0	0.	0	0	3.3	1.2	.5
SEP														1.38	3.60	1969	17	0.0	2.	1959	30	2.2	.8	.4
OCT														.69	1.56	1965	17	1.2	3.	1959	29	1.7	.4	.1
NOV														.39	.90	1951	5	2.3	5.	1952	9	1.1	0.0	0.0
DEC														.23	.44	1954	27	3.9	8.	1965	18	1.1	0.0	0.0
ANNUAL														12.1				23.				28.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.09	0.00	.50	.11	.26	.27	0.00	0.00	.03	0.00	6.40
.10	0.00	0.00	.13	0.00	.69	.29	.43	.42	0.00	0.00	.06	0.00	5.36
.20	.02	.03	.27	.27	.95	.39	.73	.69	.39	.11	.11	.07	8.65
.30	.06	.08	.44	.44	1.18	.57	.87	.95	.63	.22	.16	.12	9.68
.40	.12	.14	.55	.61	1.41	.78	1.02	1.02	.87	.34	.27	.16	10.62
.50	.18	.22	.63	.80	1.65	1.01	1.34	1.34	1.01	.48	.29	.16	11.55
.60	.27	.31	.77	1.01	1.80	1.29	1.64	1.64	1.14	.64	.37	.20	12.48
.70	.38	.43	.88	1.27	2.03	1.64	2.09	2.09	1.46	.82	.48	.37	13.41
.80	.55	.60	1.01	1.62	2.33	2.13	3.27	3.27	1.83	1.14	.62	.30	14.34
.90	.83	.88	1.24	2.18	2.88	2.94	4.39	4.39	2.57	1.53	.82	.37	15.27
.95	1.12	1.17	1.24	2.72	3.88	3.74	5.48	5.48	3.68	2.11	1.09	.60	16.20
ALPHA	.87	1.00	1.90	1.67	3.01	1.25	1.54	1.71	1.78	1.15	1.24	2.03	9.64
BETA	.44	.41	.27	.67	.61	1.05	1.37	1.09	.86	.67	.32	.13	1.24
Q	.15	.15	0.00	.10	0.00	0.00	0.00	0.00	.10	.10	0.00	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

HASKELL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.09	.16	.15	.98	2.11	1.31	.28	.83	1.66	.33	.90	.18	9.98
1952	T	.36	.83	1.74	.37	.13	.23	4.90	2.03	.00	.68	.15	11.42
1953	.10	T	.49	3.83	2.27	.69		1.76	.00	1.22	1.24	.36	
1954	.33	.000	.16	.10	2.33	.10	1.590	1.37	.21	1.07	.04	.44	7.74*
1955	.00	.29	.13	T	1.59	.58	.28	2.29	.45	.04	.06	.21	5.92
1956	.28	.20	.35	.46	1.09	.18	1.08	.79	T	.07	.290	.40	5.19*
1957	.19	.24	.50	3.43	1.51	1.32	2.01	.10	1.68	.56	1.06	.09	12.60
1958	.66	.30	1.22	1.050	3.34	.91	2.46	1.88	.390	.550	.330	.030	13.12*
1959	.830	.530	.68	1.17	1.93	1.86	.97	1.36	1.55	1.75	.45	T	13.08*
1960	1.75	2.84	.40	1.45	.91	.82	1.75	.37	1.03	1.46	.22	.42	13.42
1961	.03	.55	.97	.31	2.40	3.23	1.91	1.61	.87	.32	.55	.30	13.05
1962	.26	.20	.42	.57	4.17	2.59	5.13	.40	.75	.19	.60	.19	15.47
1963	.13	.05	.89	T	1.81	.98	.71	3.50	2.59	.10	.17	.35	11.28
1964	.04	.26	.75	.90	2.01	.32	.61	1.75	1.23	.00	.34	.11	8.32
1965	.19	.40	.72	.47	1.20	5.52	2.04	3.99	3.30	1.81	.06	.63	20.33
1966	.26	.27	.03	.50	.21	.53	4.07	4.10	2.09	.63	.03	.20	12.92
1967	.23	.01	.12	.48	1.99	1.35	3.84	1.90	1.52	.34	.31	.35	12.44
1968	.04	.25	.34	.55	2.03	.76	4.79	1.71	.20	.19	.21	.14	11.21
1969	.02	.12	.44	1.16	2.65	2.78	3.42	1.96	4.80	1.64	.10	.20	19.29
1970	T	T	.66	.93	1.04	1.02	3.15	.57	1.35	1.47	.19	.02	10.40

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.4		T	T	.0	T	
51-52	.0	.0	T	.0	5.0		.0				.0	.0	
52-53	.0	.0	.0	.0		.0	1.0	.0			T	T	
53-54	T	.0	.0	.0					1.5	.0		.0	
54-55		.0	.0		.0	3.0	.0	1.0	1.9	.0	.0	.0	
55-56	.0	.0	.0	.0			7.3	7.0	5.0	4.0	.0	.0	
56-57	.0	.0	.0	.0		4.0	1.9	2.0	T		.0	.0	
57-58	.0	.0	.0	.0	T	.0		3.0	1.0		.0	.0	
58-59	.0	.0							2.4	9.0	.0	.0	
59-60	.0	.0			4.8	T		28.5	5.5	2.0	.0	.0	
60-61	.0	.0	.0	1.5	3.0	11.0	1.6	9.4	8.5	1.0	.0	.0	36.0
61-62	.0	.0	.0	.0	3.0	4.2	5.3	3.3	2.5	.0	.0	.0	18.3
62-63	.0	.0	.0	.0	5.8	1.5	2.9	.8	10.9	.0	.0	.0	21.9
63-64	.0	.0	.0		T	7.1	1.2	5.9	8.0	9.5	.0	.0	
64-65	.0	.0	.0	.0	4.9	1.5	4.0	8.7		.0	.0	.0	
65-66	.0	.0	.0	.0	.5	9.0	7.5	4.0	.7	2.0	T	.0	23.7
66-67	.0	.0	.0		.6	2.5	5.5	.3	2.6	4.0	.0	.0	
67-68	.0	.0	.0	T		9.6	.5	6.0	3.3	.0	1.0	.0	
68-69	.0	.0	.0	.0	2.0	4.5			10.9	T	.0	.0	
69-70	.0	.0	.0	6.0	1.3	4.0	.0	.0	16.7	1.5	.0	.0	29.5

CLIMATOLOGY REPORT NO. 77-1

HAWTHORNE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)									
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW											
JAN												.77	1.24	1962	8	12.2	18.	1962	8	2.4	.4	.1
FEB												1.11	.90	1957	28	17.5	20.	1965	11	3.2	.7	0.0
MAR												1.93	1.95	1959	25	23.3	29.	1970	31	4.6	.9	.3
APR												2.31	2.85	1957	2	12.3	26.	1957	2	4.2	1.3	.4
MAY												3.54	4.09	1969	7	1.0	4.	1954	1	4.7	2.1	1.1
JUN												2.33	3.70	1963	16	0.0	0.	0	0	4.4	1.1	.6
JUL												1.77	1.50	1965	24	0.0	0.	0	0	4.3	.9	.2
AUG												1.81	2.08	1968	10	0.0	0.	0	0	3.2	.4	.4
SEP												1.47	1.68	1970	22	.8	8.	1959	29	2.3	.7	.5
OCT												1.46	1.88	1960	18	3.5	23.	1969	12	2.5	1.0	.3
NOV												1.17	1.25	1959	25	12.1	17.	1959	25	2.7	.5	.1
DEC												.81	1.13	1960	4	11.6	12.	1954	27	2.7	.2	.1
ANNUAL												20.5				94.				41.	10.	4.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.39	.37	.82	.53	.42	.25	0.00	.10	.39	.15	12.40
.10	.17	.38	.57	.57	1.15	.75	.58	.40	.09	.19	.50	.22	13.87
.20	.31	.59	.75	.91	1.67	1.09	.84	.66	.28	.37	.67	.34	15.81
.30	.42	.74	1.11	1.23	2.14	1.40	1.07	.79	.49	.57	.80	.45	17.31
.40	.54	.88	1.37	1.52	2.69	1.70	1.30	.91	.73	.80	.94	.56	18.66
.50	.66	1.03	1.65	1.91	3.09	2.03	1.55	1.18	.91	1.06	1.07	.68	20.00
.60	.79	1.19	1.86	2.23	3.64	2.39	1.82	1.47	1.15	1.37	1.22	.82	21.39
.70	.95	1.37	2.14	2.82	4.29	2.83	2.14	1.79	1.49	1.77	1.39	.99	22.95
.80	1.17	1.61	2.45	3.48	5.15	3.40	2.57	2.14	1.82	2.14	1.62	1.22	24.37
.90	1.51	1.97	3.65	4.56	6.52	4.31	3.25	3.66	2.45	3.33	1.82	1.59	25.71
.95	1.83	2.31	4.41	5.60	7.81	5.16	3.89	4.53	4.50	4.21	2.28	1.93	30.20
ALPHA	2.22	3.64	2.24	1.86	2.54	2.50	2.57	1.48	1.04	1.12	3.92	2.01	14.10
BETA	.36	.32	.26	1.24	1.39	.93	.69	1.07	1.49	1.30	.30	.40	1.45
Q	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.15	1.20	2.46	3.22	1.99	3.05	1.25	3.92	.87	2.64	1.55	1.52	24.82
1952	T	.68	2.33	4.23	6.86	.57	.70	3.33	.26	.47	1.43	.21	21.07
1953	.51	1.30	2.00	2.31	2.95	1.23	3.27	.92	T	.70	1.37	1.77	18.33
1954	.51	.39	1.09	.75	1.33	.73	.91	3.03	1.35	.350	.69	.73	11.86*
1955	.32	1.34	1.94	.59	4.89	2.68	1.19	1.32	1.27	.49	1.44	.61	18.08
1956	.41	1.71	1.00	1.62	3.38	1.03	2.60	1.94	.01	.40	1.96	.59	16.65
1957	.77	1.06	1.40	5.81	6.60	1.66	2.89	1.34	1.19	2.89	1.13	.15	28.91
1958	1.07	.40	2.43	4.10	3.04	2.75	1.82	.48	.85	.60	.88	1.33	19.75
1959	2.55	1.53	3.04	3.27	3.74	.89	.93	1.06	3.54	2.67	1.39	.25	24.86
1960	.53	2.34	1.37	2.84	5.05	.68	1.03	.36	1.07	3.40	.52	2.20	20.39
1961	.75	1.07	3.54	1.55	3.25	2.56	2.56	2.01	4.81	1.93	1.48	.52	26.03
1962	1.51	1.20	.77	1.18	1.21	3.24	1.14	.33	.59	.71	.84	.40	13.52
1963	1.15	.47	2.70	.06	1.03	6.28	.97	3.66	2.14	.240	1.000	.75	20.45*
1964	.26	1.31	1.47	1.47	2.58	1.06	1.90	.46	.58	.12	.97	.78	12.96
1965	1.26	2.20	2.00	3.22	1.20	3.20	6.09	1.11	3.48	.22	.09	.73	24.60
1966	.28	1.62	.08	1.710	1.09	1.95	.75	1.16	1.78	1.34	.78	.27	12.81*
1967	.59	.75	1.13	2.95	4.78	4.62	2.89	4.83	1.44	1.60	1.55	2.07	25.20
1968	.27	1.40	1.16	2.65	3.94	1.38	.55	3.12	.49	.40	1.37	.43	17.16
1969	.37	.32E	.92	1.70	9.42	4.23	1.16	1.51	.13	6.27	1.21	.63	27.87*
1970	.24	T	5.700	.90	1.90	2.80	.78	.28	3.52	1.82	1.75	.35	20.04*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							20.0	13.0	40.0	18.0	.0	T	
51-52	T	T	1.5	3.0	18.0	25.0	.5	16.5	34.0	10.5	T	.0	109.0
52-53	.0	T	.0	2.0	21.7	4.5	6.0	19.0	9.0	22.0	2.5	T	86.7
53-54	.0	.0	.0	.0	13.5	26.5	7.5	3.5	12.5	3.0	4.5	T	71.0
54-55	.0	.0	.0		3.5	12.0	4.0	22.7	27.5	6.5	.0	.0	
55-56	.0	.0	.0	3.0		6.5	6.0	29.5	26.0	4.0	.0	.0	
56-57	.0	.0	.0	T	29.5	9.5	12.5	4.0	12.0	40.0	2.0	.0	109.5
57-58	.0	.0	T	T	2.0	2.0	15.5	7.0	24.0	14.5	.0	.0	65.0
58-59	.0	.0	T	.0	15.5	13.5	37.0	23.5	29.0	41.0	.4	.0	159.9
59-60	.0	.0	10.0	11.5	20.0	5.0	16.0	31.3	16.2	11.0	1.0	.0	122.0
60-61	.0	.0	.0	5.0	5.0	20.5	12.2	19.0	34.0	8.0	.0	.0	103.7
61-62	.0	.0	1.0	14.0	18.3	11.0	34.0	17.5	7.0	7.0	.0	.0	109.8
62-63	.0	.0	T	.0	6.0	5.0	23.5	10.0	40.5	T	.0	.0	85.0
63-64	.0	.0	.0	T	6.2	13.7	8.0	21.4	21.5	17.5	.0	.0	88.3
64-65	.0	.0	.0	.0	10.0	9.7	12.9	35.0	28.0	4.0	2.0	.0	101.6
65-66	.0	.0	2.5	.0	2.0	11.1	6.5	22.5	1.0	12.0	3.0	.0	60.6
66-67	.0	.0	.0	8.0	9.0	4.9	10.0	15.3	12.5	T	1.5	.0	61.2
67-68	.0	.0	.0	3.0	12.0	32.9	.7	21.0	13.5	16.5	T	.0	99.6
68-69	.0	.0	.0	T	12.5	7.0	6.0		19.7	2.0	.0	T	
69-70	.0	.0	.0			7.5	6.0	T	57.8	9.5	3.0	.0	

CLIMATOLOGY REPORT NO. 77-1

HAYDEN

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
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	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEAS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		MAY		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN	31.0	3.6	17.3	51.	1956	8	-45.	1963	12	0.0	16.4	30.8	12.7	1.40	.85	1956	16	23.3	33.	1952	1	5.1	.3	0.0
FEB	35.3	7.3	21.4	58.	1963	6	-41.	1956	2	0.0	9.5	27.9	8.7	1.23	.58	1958	15	20.1	27.	1957	1	5.1	.2	0.0
MAR	41.8	14.4	28.1	70.	1953	28	-24.	1964	8	0.0	5.1	30.6	3.8	1.15	.55	1961	26	13.5	33.	1952	6	4.6	.1	0.0
APR	56.0	26.3	41.1	80.	1962	19	6.	1955	5	0.0	0.0	25.1	0.0	1.63	1.08	1963	8	7.5	12.	1952	3	5.3	.5	.1
MAY	68.5	34.2	51.4	88.	1958	30	17.	1967	1	0.0	0.0	11.9	0.0	1.26	.83	1953	20	.3	1.	1956	13	4.1	.1	0.0
JUN	77.5	40.5	59.1	100.	1956	14	24.	1951	3	.6	0.0	1.8	0.0	1.41	1.15	1957	15	0.0	0.	0	0	4.8	.7	.1
JUL	85.3	46.5	65.9	97.	1960	28	29.	1968	1	5.3	0.0	.1	0.0	1.18	.71	1968	30	0.0	0.	0	0	3.9	.4	0.0
AUG	82.3	45.4	63.9	95.	1960	31	28.	1956	31	2.6	0.0	.6	0.0	1.56	1.10	1964	29	0.0	0.	0	0	4.9	.6	.1
SEP	74.1	36.7	55.4	91.	1960	4	15.	1962	9	.3	0.0	8.3	0.0	1.36	1.05	1961	22	1.3	6.	1961	22	4.0	.4	.1
OCT	62.4	27.0	44.7	81.	1963	4	10.	1970	8	0.0	.1	25.4	0.0	1.34	1.32	1959	28	2.3	8.	1955	28	3.9	.9	.2
NOV	45.5	16.9	31.2	69.	1954	4	-27.	1955	16	0.0	3.8	29.0	2.1	1.29	1.06	1967	29	12.9	15.	1955	13	4.1	.6	.1
DEC	33.2	7.5	20.4	57.	1962	16	-30.	1962	26	0.0	14.7	30.9	8.7	1.60	1.82	1951	30	26.1	36.	1951	31	5.1	.6	.1
ANNUAL	57.9	25.7	41.8							9.	50.	223.	36.	16.4				107.				55.	6.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.41	.40	.30	.65	.23	.17	.27	.53	0.00	0.00	.39	.48	11.76
.10	.54	.51	.41	.80	.34	.25	.38	.67	.16	.19	.52	.64	12.70
.20	.76	.69	.58	1.02	.53	.48	.55	.89	.41	.41	.70	.86	13.90
.30	.93	.83	.73	1.19	.77	.77	.85	1.07	.62	.63	.85	1.06	14.81
.40	1.06	.93	.83	1.32	.87	.88	.91	1.25	.82	.83	1.07	1.25	15.60
.50	1.26	1.12	1.02	1.53	1.06	1.12	1.03	1.43	1.07	1.07	1.17	1.45	16.40
.60	1.45	1.28	1.19	1.71	1.38	1.39	1.21	1.63	1.35	1.33	1.35	1.67	17.21
.70	1.68	1.47	1.39	1.92	1.54	1.72	1.43	1.86	1.69	1.66	1.55	1.93	18.10
.80	1.94	1.72	1.66	2.16	1.84	2.18	1.72	2.16	2.15	2.11	2.23	2.26	19.19
.90	2.44	2.09	2.07	2.60	2.44	2.93	2.18	2.62	2.60	2.54	2.23	2.78	20.77
.95	2.86	2.44	2.46	2.98	2.97	3.66	2.62	3.04	3.63	3.54	2.61	3.26	22.13
ALPHA	3.28	3.69	2.84	5.09	2.04	1.52	2.48	3.93	1.56	1.60	3.44	3.38	27.49
BETA	.43	.33	.41	.32	.62	.93	.48	.92	.88	.88	.38	.47	.60
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA.
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

HAYDEN

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.14	.91	.24	2.18	1.24	1.03	1.20	2.25	.39	2.34	.76	4.51	19.19
1952		1.040	1.74	1.55	1.66	1.35	1.50	.86	.19	.00	.81	1.10	
1953	1.49	.57	1.10	1.97	2.04	.56	2.33	.90	.16	1.29	1.24	1.13	14.78
1954	.62	.38	2.43	.66	.76	.74	1.33	1.70	2.63	1.56	1.09	.98	15.08
1955	1.47	1.81	.59	.55	1.13	1.56	.78	1.49	.77	1.44	2.96	1.08	15.63
1956	3.17	2.20	.44	1.58	.55	.09	1.70	1.26	T	.71	1.31	2.40	15.41
1957	2.84	.46	1.66	2.27	3.84	2.88	1.78	2.01	.40	3.05	1.98	1.47	24.64
1958	.61	2.21	1.41	1.01	.67	.75	.31	.70	1.73	.04	1.01	1.16	11.61
1959	1.41	.78	.87	1.61	.83	1.76	.52	2.40	2.65	2.55	1.13	.46	16.98
1960	1.14	2.10	1.59	1.49	1.15	.95	1.12	.54	1.44	1.20	1.47	.730	14.92*
1961	.21	1.08	1.83	2.21	1.99	.13	.56	1.54	4.88	.65	.55	1.28	16.91
1962	1.62	2.75	.40	2.30	.89	.63	.13	.34	.76	1.00	.79	1.04	12.65
1963	.73	.64	1.610	2.39	.19	.80	.82	2.91	1.87	.62	.84	.58	14.60*
1964	1.27	1.15	1.34	2.39	1.39	2.04	.87	2.78	.68	.59	1.54	3.54	19.58
1965	1.54	.79	1.59	1.20	1.69	1.59	1.77	1.62	3.00	.14	2.28	1.35	18.96
1966	.54	.71	.86	.66	1.19	.40	.41	1.93	.57	2.26	.31	2.39	12.23
1967	1.67	1.00	1.86	.99	2.25	3.27	2.56	2.36	1.16	.79	2.11	2.97	22.99
1968	.63	1.98	.50	2.77	1.30	.70	1.45	1.39	.72	1.48	1.73	1.06	16.01
1969	1.52	1.02	.32	.93	.12	3.56	1.86	1.41	1.73	2.14	.32	1.33	16.26
1970	1.08	.87	.71	1.97	.32	3.44	.61	.85	1.45	2.92	1.65	1.14	17.01

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							38.0	10.6	1.3	2.7	.0	.0	
51-52	.0	.0	.0	8.0	6.8	62.0	29.3	18.0	18.0	.0	.0	.0	
52-53	.0	.0	.0	.0	.0	22.0	17.0	12.0	6.0	7.0	.0	.0	
53-54	.0	.0	.0	2.0	9.0	29.0	12.0	8.0	34.0	1.0	.0	.0	95.0
54-55	.0	.0	.0	6.0	9.0	13.0	26.0	30.0	8.0	4.0	.0	.0	96.0
55-56	.0	.0	.0	10.0	45.0	25.0	36.0	35.0	5.0	7.0	1.0	.0	164.0
56-57	.0	.0	.0	.0	26.0	32.0	46.5	4.0	8.0	.0	.0	.0	
57-58	.0	.0	.0	.0	12.0	24.0	13.0	30.0	15.0	3.0	.0	.0	97.0
58-59	.0	.0	.0	T	10.0	12.0	10.8	18.5	10.0	.0	.0	.0	
59-60	.0	.0	2.0	.0	6.0	8.0	22.7	32.0	15.0	.0	.0	.0	
60-61	.0	.0	.0	3.0	16.0	.0	6.0	21.0	21.0	17.0	.0	.0	
61-62	.0	.0	8.1	.0	12.0	30.0	26.0	41.0	5.0	6.0	.0	.0	128.1
62-63	.0	.0	.0	1.2	5.0	12.0	10.5	5.0	19.0	6.5	.0	.0	59.2
63-64	.0	.0	.0	.0	4.0	16.0	26.0	21.0	23.0	.0	.0	.0	
64-65	.0	.0	.0	.0	25.0	35.5	24.5	13.0	17.0	8.0	4.0	.0	127.0
65-66	.0	.0	12.0	.0	3.0	16.0	10.0	16.0	12.0	8.0	.0	.0	77.0
66-67	.0	.0	.0	2.0	5.0	.0	37.0	17.0	17.0	3.0	1.0	.0	
67-68	.0	.0	.0	1.5	7.6	54.5	22.0	26.5	6.0	15.5	.0	.0	133.6
68-69	.0	.0	4.0	.0	26.5	27.5	31.0	24.5	8.0	6.0	.0	.0	127.5
69-70	.0	.0	.0	6.0	4.0	22.0	21.2	14.0	12.5	11.0	.0	.0	90.7

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.8	37.1	42.7	56.0	68.7	73.3	87.8	81.5	76.7	59.4	45.0	31.4	57.4
1952	29.1M		37.6	56.0	69.2	81.3	84.9	82.2M	78.8	70.1	41.9	32.4	
1953	37.3	34.8	47.6	53.0	63.6	80.9	86.1	81.8	78.9	64.7	49.5	31.4	59.1
1954	37.2	43.3	43.0	63.6	72.3	79.6	87.4	82.7	74.1	62.9	53.0	32.4	61.0
1955	29.0	28.8	39.5	56.1M	68.0	75.4	87.5	83.9	77.0	63.4	38.1	35.7	56.9*
1956	36.2	27.5	40.9	56.4	71.9	83.4	83.1	80.5	79.2	65.6	37.3	30.2	57.7
1957	29.0	38.9	43.8	53.8	63.0	74.8	82.5	80.9	74.4	61.0	38.6	33.2	56.2
1958	29.5	39.7	41.5	54.2	74.6	81.7	83.8	86.2	74.4	64.2M	48.5	38.9	59.8*
1959	34.7	37.1	42.5	57.6	68.2	81.5	86.3	82.2	70.2	58.3	47.2	42.1	59.0
1960	32.5	29.5	44.4	61.2	68.4	80.7	87.1	86.7	78.9	62.9	46.7		
1961	33.9M	39.3	45.5	54.0	69.4	81.9	85.2	83.9	64.1	59.8	42.7	31.4M	57.6*
1962	25.3	36.4	37.4	60.1	68.5	77.1	83.2	82.2	75.3	65.2	52.6	38.7	58.5
1963	25.3	44.8	46.4	56.9	72.8	77.6	88.2M	80.8	77.9	69.4	50.1	35.8	60.5*
1964	27.3M	28.7	35.9	52.8	67.7	74.4	87.8	80.6	72.3	65.6	43.0	29.7	55.5*
1965	32.5	33.0	33.6	55.9	64.4	73.9	81.6	78.7	62.9	67.2M	50.6	37.0	55.9*
1966	31.4	33.1	48.3	57.7	70.7	77.8	87.5	82.0	75.2	60.2	50.8	29.6	58.7
1967	31.9	36.1	48.6	56.7	63.5	72.1	85.2	83.3	74.3	62.8	48.7	26.2	57.5
1968	25.5	34.6	41.6	48.2	62.4	78.0	83.1	76.2	70.6	62.0	37.1	27.4	53.9
1969	33.2	32.9	34.8	60.1	72.9	70.3	84.3M	85.2M	75.9M	50.8	44.6M	35.2	56.7*
1970	29.6M	35.1	39.6M	48.7	69.4	75.2	84.1M	85.0	71.6	52.8M	43.8	32.8	55.6*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.6	9.5	17.1	27.9	34.3	37.1	45.9	45.5	31.7	28.4	13.7	7.4	25.0
1952	.5M		10.7	27.8	35.3M	41.0	43.9	46.1M	35.8M	24.7	12.5	7.0	
1953	11.2	6.2	20.2	24.6	32.1	39.7	47.2	40.7	33.6	25.7	19.8	2.8	25.3
1954	8.8	13.8	16.8	26.2	33.7	38.1	47.9	41.5	37.5	25.9	17.9	3.5	26.0
1955	-.2	-5.1	8.7	22.2	31.4	37.4	43.4	45.7	33.3	23.6	9.3	10.2	21.7
1956	10.7	-7.0	10.4	25.8	33.9	39.6	43.9	43.4	35.0	26.4	10.1	4.9	23.1
1957	1.3	10.6	18.3	27.4	35.3	41.7	48.1	47.2	33.8	30.0	15.9	6.6	26.4
1958	1.3	16.7	15.9	25.2	36.6	40.6	42.4	46.4	38.0	24.7M	14.1	15.1	26.4*
1959	6.1	7.9	16.4	25.7	33.6	42.6	43.1	45.5	35.6	25.8	14.5	9.3	25.5
1960	4.0	-.2	16.5	23.5	31.7	38.8	45.1M	41.1	39.7	28.3	16.7		
1961	-4.6M	12.2	16.7	25.9	33.9	42.6	45.6M	49.1	34.6	26.4	18.2	5.9M	25.5*
1962	-5.2	12.7	11.2	28.2	34.8	41.0	44.1	42.2	35.6	27.6	20.2	9.6	25.2
1963	-.5	19.1	16.2	27.0	35.2	40.3	47.2	49.1	41.5	32.8	19.8	6.7	27.9
1964	-1.2M	-3.0	7.3	27.5	33.7	40.6	48.0	44.1	35.9	25.6	18.0	8.1	23.7*
1965	8.5	4.1	5.8	27.7	33.6	40.1	47.1	43.9	35.1	26.8M	24.5	12.6	25.8*
1966	4.0	6.2	17.0	24.1	34.9	41.2	49.4	45.5	40.4	26.5	22.6	6.7	26.5
1967	10.6	9.7	21.3	27.6	32.8	41.1	48.0	46.1	40.8	28.2	15.3	1.4	26.9
1968	-2.7	8.5	17.8	24.9	33.7	41.6M	49.2	45.4	36.3	28.7	14.1	5.8	25.3*
1969	10.6	7.5	5.9	31.9	38.2	41.7	50.5M	49.1M	42.8M	26.9	17.7M	10.3	27.8*
1970	7.7M	10.0	18.3M	24.7	35.4	44.0	49.9M	50.5	36.8	26.3M	22.8	8.4	27.9*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.2	23.3	29.9	42.0	51.5	55.2	66.9	63.5	54.2	43.9	29.4	19.4	41.2
1952	14.8M		24.2	41.9	52.3M	61.2	64.4	64.2M	57.3M	47.4	27.2	19.7	
1953	24.3	20.5	33.9	38.8	47.9	60.3	66.7	61.3	56.3	45.2	34.7	17.1	42.3
1954	23.0	28.6	29.9	44.9	53.0	58.9	67.7	62.1	55.8	44.4	35.5	18.0	43.5
1955	14.4	11.9	24.1	39.2M	49.7	56.4	65.5	64.8	55.2	43.5	23.7	23.0	39.3*
1956	23.5	10.3	25.7	41.1	52.9	61.5	63.5	62.0	57.1	46.0	23.7	17.6	40.4
1957	15.2	24.8	31.1	40.6	49.2	58.3	65.3	64.1	54.1	45.5	27.3	19.9	41.3
1958	15.4	28.2	28.7	39.7	55.6	61.2	63.1	66.3	56.2	44.5M	31.3	27.0	43.1*
1959	20.4	22.5	29.5	41.7	50.9	62.1	64.7	63.9	52.9	42.1	30.9	25.7	42.3
1960	18.3	14.7	30.5	42.4	50.1	59.8	66.1M	63.9	59.3	45.6	31.7		
1961	14.7M	25.8	31.1	40.0	51.7	62.3	65.4M	66.5	49.4	43.1	30.5	18.7M	41.6*
1962	10.1	24.6	24.3	44.2	51.7	59.1	63.7	62.2	55.5	46.4	36.4	24.2	41.9
1963	12.4	32.0	31.3	42.0	54.0	59.0	67.7M	65.0	59.7	51.1	35.0	21.3	44.2*
1964	13.1M	12.9	21.6	40.2	50.7	57.5	67.9	62.4	54.1	45.6	30.5	18.5	39.6*
1965	20.5	18.6	19.7	41.8	49.0	57.0	64.4	61.3	49.0	47.0M	37.6	24.8	40.9*
1966	17.7	19.7	32.7	40.9	52.8	59.5	68.5	63.8	57.8	43.4	36.7	18.2	42.6
1967	21.3	22.9	35.0	42.2	48.2	56.6	66.6	64.7	57.6	45.5	32.0	13.8	42.2
1968	11.4	21.6	29.7	36.6	48.1	59.8M	66.2	60.8	53.5	45.4	25.6	16.6	39.6*
1969	21.9	20.2	20.4	46.0	55.6	56.0	67.4M	67.2M	59.4M	38.9	31.2M	22.8	42.3*
1970	18.7M	22.6	29.0M	36.7	52.4	59.6	67.0M	67.8	54.2	39.6M	33.3	20.6	41.8*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

HERMIT 7ESE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN:	32.0	-6.3	12.8	54.	1969	16	-40.	1963	12	0.0	15.2	30.9	22.5	.87	.70	1968	26	10.7	46.	1952	19	2.8	.5	0.0
FEB	35.7	-3.3	16.3	57.	1957	12	-32.	1965	13	0.0	9.7	28.2	17.3	.66	.80	1959	9	7.9	36.	1952	1	2.8	.3	0.0
MAR	39.3	3.2	21.3	60.	1956	24	-30.	1962	14	0.0	6.1	31.0	12.3	1.09	1.00	1961	30	12.9	38.	1952	2	3.7	.7	.1
APR	48.7	17.3	33.0	70.	1959	30	-7.	1958	6	0.0	.5	29.7	.5	1.34	1.15	1958	8	11.3	30.	1958	8	3.9	.7	.1
MAY	60.4	24.1	42.5	78.	1951	27	2.	1970	2	0.0	0.0	29.2	0.0	1.07	1.30	1954	11	2.5	3.	1953	16	3.9	.6	.1
JUN	69.9	30.0	50.0	88.	1970	26	13.	1954	7	0.0	0.0	21.0	0.0	.70	.80	1969	13	.1	0.	0	0	3.1	.5	0.0
JUL	75.0	37.3	56.2	97.	1963	26	20.	1968	1	0.0	0.0	5.8	0.0	2.36	1.15	1954	23	.1	0.	0	0	8.0	1.2	.2
AUG	72.3	36.7	54.5	85.	1958	9	19.	1964	21	0.0	0.0	7.6	0.0	2.30	1.00	1965	1	0.0	0.	0	0	7.9	1.4	.1
SEP	67.7	27.7	47.7	81.	1960	5	11.	1961	30	0.0	0.0	23.1	0.0	1.39	1.65	1965	19	.1	0.	0	0	5.0	1.0	.1
OCT	59.8	18.6	38.8	74.	1965	9	-2.	1956	30	0.0	.1	30.2	.3	1.64	2.15	1961	9	6.8	20.	1961	31	3.6	1.1	.3
NOV	43.5	6.8	25.2	65.	1967	15	-30.	1952	27	0.0	4.4	29.9	7.6	.96	1.40	1964	16	10.7	28.	1964	18	2.2	.6	.1
DEC	33.4	-4.1	14.7	56.	1964	23	-40.	1961	12	0.0	13.5	30.9	21.1	1.30	3.00	1967	14	12.9	41.	1967	20	3.2	.9	.1
ANNUAL	53.1	15.7	34.4							0.	50.	298.	82.	15.7				76.				50.	9.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.33	.20	0.00	.72	1.18	0.00	0.00	0.00	0.00	9.99
.10	0.00	0.00	0.00	.45	.29	0.00	.94	1.37	0.00	0.00	.15	0.00	11.07
.20	.33	.19	.34	.65	.45	.28	1.28	1.53	.50	.36	.32	.30	12.47
.30	.49	.31	.53	.82	.59	.40	1.57	1.84	.74	.64	.46	.52	13.55
.40	.63	.42	.71	.99	.74	.51	1.85	2.02	.97	.52	.62	.75	14.53
.50	.78	.54	.91	1.17	.90	.62	2.14	2.21	1.21	.24	.78	.90	15.48
.60	.93	.67	1.12	1.38	1.08	.75	2.41	2.46	1.46	.61	.97	1.08	16.47
.70	1.12	.84	1.15	1.62	1.30	.89	2.68	2.68	1.77	.06	1.20	1.28	17.58
.80	1.36	1.05	1.22	1.93	1.59	1.08	2.93	2.92	2.00	.01	1.51	1.51	18.94
.90	1.73	1.40	1.43	2.43	2.06	1.37	3.08	3.08	2.30	.01	2.01	2.01	20.94
.95	2.08	1.73	2.79	2.89	2.51	1.64	4.79	3.72	3.40	4.68	2.49	3.68	22.69
ALPHA	2.60	1.84	1.98	2.69	2.06	2.66	3.41	8.65	2.35	1.42	1.72	1.47	16.53
BETA	.38	.40	.61	.50	.52	.29	.69	.27	.66	1.28	.59	.99	.96
Q	.11	.10	.10	0.00	0.00	.10	0.00	0.00	.10	.10	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHARP PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951		.53	T	1.70	.15	.45	1.20	2.55	.20	1.55	1.60	2.50	
1952	2.75	.20	1.40	1.70	.70	.45	1.40	2.40	1.70	.00	1.45	.50	14.65
1953	.60	.10	.65	.90	1.64	.60	3.10	1.85	T	3.10	1.35	T	13.89
1954	T	T	.53	.35	2.50	.75	5.25	1.90	1.47	.65	.40	1.03	14.83
1955	.55	.30	.05	1.25	1.90	.50	2.05	2.35	.60	.15	.75	1.10	11.55
1956	1.15	.80	.40	1.35	.75	.25	.60	1.00	.20	1.15	.40	.45	8.50
1957	2.65	.00	1.10	2.80	2.20	.75	4.20	2.95	.00	3.10	2.30	.15	22.20
1958	.70	.40	1.60	2.20	.35	.45	.80	2.15	1.60	1.60	.40	T	12.25
1959	.35	1.90	T	1.60	1.00	1.02	.90	3.25	1.80	5.00	.45	1.60	18.87
1960	.85	1.10	1.05	.85	.75	1.20	1.20	1.10	1.10	2.15	.70	1.15	13.20
1961	T	.35	3.55	1.20	.65	.40	2.20	3.10	1.70	4.10	1.25	.60	19.10
1962	.75	1.25	1.45	.40	.70	T	2.05	1.05	1.60	1.65	.70	.65	12.25
1963	.80	.50	1.60	.90	.50	.15	4.05	2.85	2.10	.55	.85	.35	15.20
1964	.35	.60	1.45	.95	.95	.70	3.15	2.70	2.30	.00	3.70	2.35	19.20
1965	.75	1.65	2.05	4.05	2.25	.75	1.30	2.80	2.55	1.50	1.00	3.15	23.80
1966	.47	.73	.48	1.40	1.55	.95	2.05	1.40	1.10	.45	.95	1.80	13.33
1967	1.10	.60	.65	.45	1.00	1.50	2.55	3.15	.85	.25	.05	5.60	17.75
1968	1.00	.60	.75	1.45	.85	T	3.00	2.35	.80	.45	T	2.10	13.35
1969	1.50	1.45	1.20	.40	.85	2.55	3.35	2.15	2.15	4.10	.35	.45	20.50
1970	.30	.10	1.75	.80	.10	.55	2.90	2.95	3.95	1.25	.60	.50	15.75

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								5.5	T	16.0	.2	.4	
51-52	.3	T	.0	7.0	27.0	18.0	38.0	2.0	19.0	14.0	3.0	.0	128.3
52-53	1.0	T	1.2	.0	13.0	5.0	5.0	3.0	2.0		8.8	.4	
53-54	.0	.1	T	3.0	13.0	T	T	T		.0	2.0	.7	
54-55		.0	.0	.0		10.0	4.0	3.0	1.0	11.0	18.0		
55-56			.2	1.0	8.5	11.0	11.0	8.0	4.0	1.2	.6	.0	
56-57	.0	.0	.1	10.0	4.0	4.0	26.5	.0	10.0	23.0	5.5	.6	83.7
57-58	.0	.0	.0	2.3		2.0	8.0	2.7	15.5	18.0	.0	.0	
58-59	.0	.0	.0	16.0	2.5	T	4.0	15.0	T	4.2	.0	.0	41.7
59-60	.0	.0	.5	42.0	.0	16.0	8.0	9.0	9.0	4.0	1.0	.0	89.5
60-61	.0	.0	.0	13.0	2.0	10.0	T	3.0	39.0	11.0	T	.0	79.0
61-62	.0	.0	T	22.0	13.0	8.0	10.0	16.0	13.0	.0	.0	T	82.0
62-63	.0	.0	.0	.0	6.0	7.0	7.0	5.0	13.0	8.0	.0	.0	46.0
63-64	.0	.0	.0	1.0	10.0	6.0	3.0	10.0	16.0		T	T	
64-65	.0	.0	.0	.0	49.0	28.0	10.0	16.5	23.0	36.0	11.0	.0	173.5
65-66	.0	.0	.0	5.0	11.0		10.0			19.0	.0	.0	
66-67	.0	.0	.0	.0		10.0	21.0	10.0	10.5	6.0	.0	.0	
67-68	.0	.0	.0	T		68.0	14.0	13.0	15.0	18.0	T	.0	
68-69	.0	.0	.0	.0	T	28.0	20.0	25.5	15.5	5.0	T	.0	94.0
69-70	.0	.0	.0	11.0	5.0	8.0	4.0	3.0	27.0	7.5	.0	.0	65.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.4	40.0	41.1M	48.8	60.4	68.7	79.0M	71.7	70.5	57.0	36.2	29.9	53.1*
1952	29.1	32.1	35.8	51.0	59.9	72.2	74.9	72.0	68.8	64.8	38.8	27.2	52.2
1953	36.0	34.4	41.4	43.8	54.5	71.8	75.2	72.5	70.4	58.7	43.2	33.3	52.9
1954	36.4	41.8	40.6	48.0	62.2	72.2	72.9	72.1	66.9	61.1	51.9	33.5	55.0
1955	28.1	32.6	41.2	48.3	57.4	67.7	75.4	73.5	70.0	62.2	41.2	36.1	52.8
1956	35.4	31.3	44.2	50.3	63.5	74.5	76.0	71.4	74.7	59.6	38.9	30.1	54.2
1957	30.8	41.9	40.9	46.3	53.9	69.1	72.2	70.9	68.4	52.8	35.5	34.3	51.4
1958	28.8	38.5	37.9	46.5	64.2	71.8	76.3	76.5	68.4	61.1	44.5	43.6	54.8
1959	38.2	33.9	41.0	51.5	59.0	72.7	77.2	70.8	66.7	55.0	42.4	33.9	53.5
1960	25.9	30.2	43.7	52.8	60.3	72.3	76.9	76.3	69.1	55.8	48.0	31.3	53.6
1961	32.5	39.5	42.8	48.9	62.1	73.2	74.9	72.3	62.9	57.4	36.5	28.8	52.7
1962	28.6	37.0	37.1	53.9	59.8	67.8	70.4	71.7	67.8	61.8	48.7	39.9	53.7
1963	31.9	40.7	41.1	52.3	64.8	69.8	76.5	71.0M	70.5	63.0	46.9	31.7	55.0*
1964	29.9	31.3	37.4	48.4	60.9	68.4	76.4	71.0	66.0	62.9	39.8	30.8	51.9
1965	32.1	33.4	30.4	41.7	57.5	66.1	74.2	71.8	61.6	62.4	47.2	34.3	51.1
1966	28.1	32.1	38.8	54.0	63.8	68.6	76.1	73.6	68.7	59.5	44.6	33.1	53.4
1967	32.8	34.7	42.5	45.0	58.6	65.7	75.1	70.4	67.3	62.3	50.8	27.5	52.7
1968	28.7	37.3	33.9	42.1	58.7	72.2	72.6	68.3	66.1	60.5	42.9	34.5	51.5
1969	38.5	31.6	36.2	54.9	64.3	65.7	74.1M	74.5	66.0	48.3	44.8M	39.4	53.2*
1970	33.2	40.6	38.2	45.8	62.5	68.5	73.7	73.2	63.0	50.8	47.0	35.1	52.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 4.0	2.3	1.5M	17.3	23.7	25.1	37.6M	36.3	22.8	16.5	1.8	- 5.0	14.7*
1952	-10.4	- 9.8	- 4.2	19.2	26.9	33.1	38.2	39.3	29.1	15.6	2.4	- 9.3	14.2
1953	- .3	- 2.0	13.0	18.3	23.0	32.0	39.6	35.1	24.0	18.6	8.0	- 1.3	17.3
1954	.1	8.5	9.4	23.3	26.5	29.0	40.7	34.9	29.2	23.4	10.5	- 6.7	19.1
1955	-11.0	-12.7	4.4	13.4	23.1	27.2	34.1	40.2	27.1	15.8	8.0	- .6	14.1
1956	2.0	- 9.1	5.1	17.6	25.9	33.2	36.0	33.2	24.7	16.4	2.6	- 6.7	15.1
1957	- 3.2	5.5	7.5	16.6	27.0	32.4	41.4	41.0	25.9	24.6	.9	- 3.5	18.0
1958	- 7.7	.9	1.4	15.7	28.3	32.8	34.3	38.9	30.6	19.1	11.1	5.4	17.6
1959	.7	- 5.8	5.5	19.0	24.8	34.2	35.9	40.4	27.9	21.9	7.6	1.2	17.8
1960	-13.0	- 6.3	6.6	19.7	23.5	34.5	35.9	33.6	30.4	20.3	9.5	- 2.3	16.0
1961	- 9.3	.3	10.2	16.4	24.6	30.8	36.0	40.2	27.2	18.5	1.9	- 9.4	15.6
1962	- 4.6	.6	- 5.3	19.6	23.9	28.6	35.3	31.8	29.2	20.7	13.2	.9	15.8
1963	- 5.6	2.7	3.7	18.4	23.9	27.8	38.0	39.6M	33.3	22.5	7.1	- 8.7	16.9*
1964	-11.5	-10.9	- 3.8	14.9	23.5	28.2	39.9	34.9	29.8	15.1	4.4	- 7.8	13.1
1965	- 6.7	- 5.5	- 2.1	18.2	25.3	28.6	39.5	34.3	28.7	18.1	11.1	- 4.4	15.4
1966	-15.1	-11.9	4.3	20.7	23.7	30.1	37.6	33.9	25.7	16.4	5.9	- 4.9	13.9
1967	- 4.8	- 3.9	8.7	15.6	21.5	28.7	37.7	35.9	29.1	16.3	6.4	- 5.7	15.5
1968	-13.0	- 2.0	- 2.3	12.1	21.7M	27.5	35.3	35.1	23.7	17.5	6.6	- 7.4	12.9*
1969	- 1.2	-10.0	.2	18.4	23.2	29.2	38.4M	38.8	30.3	17.1	6.8M	- 2.2	15.7*
1970	- 4.4	3.4	1.5	11.5	19.0	27.1	35.3	36.6	26.3	18.0	11.1	- 3.3	15.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.2	21.2	21.3M	33.1	42.1	46.9	58.3M	54.0	46.7	36.8	19.0	12.5	33.9*
1952	9.4	11.2	15.8	35.1	43.4	52.7	56.6	55.7	49.0	40.2	20.6	9.0	33.2
1953	17.9	16.2	27.2	31.1	38.8	51.9	57.4	53.8	47.2	38.7	25.6	16.0	35.2
1954	18.3	25.2	25.0	35.7	44.4	50.6	56.8	53.5	48.1	42.3	31.2	13.4	37.0
1955	8.6	10.0	22.8	30.9	40.3	47.5	54.8	56.9	48.6	39.0	24.6	17.8	33.5
1956	18.7	11.1	24.7	34.0	44.7	53.9	56.0	52.3	49.7	38.0	20.8	11.7	34.6
1957	13.8	23.7	24.2	31.6	40.5	50.8	56.8	56.0	47.2	38.7	18.2	15.4	34.7
1958	10.6	19.7	19.7	31.1	46.3	52.3	55.3	57.7	49.5	40.1	27.8	24.5	36.2
1959	19.5	14.1	23.3	35.3	41.9	53.5	56.6	55.6	47.3	38.5	25.0	17.6	35.7
1960	6.5	12.0	25.2	36.3	41.9	53.4	56.4	55.0	49.8	38.1	28.8	14.5	34.8
1961	11.6	19.9	26.5	32.7	43.4	52.0	55.5	56.3	45.1	38.0	19.2	9.7	34.2
1962	10.0	18.8	15.9	36.8	41.9	48.2	52.9	51.8	48.5	41.3	31.0	20.4	34.8
1963	13.2	21.7	22.4	35.4	44.4	48.8	57.3	55.3M	51.9	42.8	27.0	11.5	36.0*
1964	9.2	10.2	16.8	31.7	42.2	48.3	58.2	53.0	47.9	39.0	22.1	11.4	32.5
1965	12.7	14.0	14.2	30.0	41.4	47.4	56.9	53.1	45.2	40.3	29.2	15.0	33.3
1966	6.5	10.1	21.6	37.4	43.8	49.4	56.9	53.8	47.2	38.0	25.3	14.1	33.7
1967	14.0	15.4	25.6	30.3	40.1	47.2	56.4	53.2	48.2	39.3	28.6	10.9	34.1
1968	7.9	17.7	15.8	27.1	40.2M	49.9	54.0	51.7	44.9	39.0	24.8	13.6	32.2*
1969	18.7	10.8	18.0	36.7	43.8	47.5	56.3M	56.7	48.2	32.7	25.8M	18.6	34.5*
1970	14.4	22.0	19.9	28.7	40.8	47.8	54.5	54.9	44.7	34.4	29.1	15.9	33.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

HOLLY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	45.6	15.6	29.6	79.	1956	5	-19.	1959	4	0.0	5.3	30.4	4.3	.37	.61	1956	29	3.6	8.	1956	29	.7	.1	0.0
FEB	50.5	18.6	34.6	84.	1962	12	-20.	1951	1	0.0	3.5	26.4	1.5	.31	.86	1966	27	3.1	10.	1956	1	.9	.2	0.0
MAR	56.2	23.9	40.1	92.	1963	29	-22.	1960	3	.1	2.1	24.7	.4	.57	.57	1952	9	4.7	9.	1960	3	1.5	.1	0.0
APR	69.7	36.9	52.8	96.	1965	23	13.	1964	5	.7	.1	8.8	0.0	.88	1.32	1969	17	.8	6.	1970	1	2.1	.5	.1
MAY	78.8	48.0	63.4	102.	1962	13	26.	1967	2	6.4	0.0	1.1	0.0	2.58	5.12	1964	30	.1	1.	1954	1	4.6	1.4	.5
JUN	88.7	58.5	73.6	110.	1952	12	37.	1969	2	16.3	0.0	0.0	0.0	2.95	11.08	1965	17	.1	0.	0	0	4.5	1.6	.6
JUL	94.6	63.6	79.1	110.	1957	7	43.	1952	8	23.9	0.0	0.0	0.0	1.97	1.53	1966	20	0.0	0.	0	0	4.5	1.8	.5
AUG	92.3	61.2	76.8	109.	1962	11	40.	1964	23	21.7	0.0	0.0	0.0	1.91	2.00	1961	13	0.0	0.	0	0	3.2	.9	.4
SEP	83.9	50.8	67.4	105.	1956	12	28.	1961	25	10.1	0.0	.3	0.0	1.53	2.07	1969	10	0.0	0.	0	0	2.8	1.2	.5
OCT	72.7	36.8	54.8	96.	1967	4	17.	1970	12	1.8	.1	9.6	0.0	.83	2.44	1965	17	.1	2.	1969	12	1.9	.6	.1
NOV	57.3	23.0	40.6	85.	1968	1	-9.	1958	28	0.0	.9	26.3	.3	.47	.70	1953	5	2.2	10.	1958	18	.9	.2	0.0
DEC	47.1	16.1	31.7	76.	1970	1	-22.	1961	12	0.0	4.2	30.3	1.9	.26	.82	1953	3	3.8	7.	1955	3	.6	.1	0.0
ANNUAL	69.8	37.7	53.8							81.	16.	158.	9.	14.6				18.				28.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.46	.17	.41	.20	0.00	0.00	0.00	0.00	7.53
.10	0.00	0.00	.05	.16	.69	.34	.58	.34	0.00	0.00	0.00	0.00	8.81
.20	0.00	0.00	.13	.31	1.06	.69	.87	.61	.68	.13	.02	0.00	10.40
.30	.14	.08	.21	.45	1.42	1.09	1.14	.87	.82	.26	.09	.07	11.67
.40	.22	.15	.30	.58	2.17	1.55	1.40	1.16	1.10	.41	.17	.12	12.83
.50	.30	.22	.41	.73	3.17	2.08	1.69	1.44	1.37	.77	.27	.19	13.98
.60	.39	.30	.54	.90	4.17	2.73	1.86	1.56	1.56	.99	.40	.34	15.19
.70	.49	.40	.70	1.09	5.15	3.56	2.40	1.99	1.99	1.03	.56	.45	16.57
.80	.62	.53	.92	1.36	6.87	4.73	2.91	2.43	2.43	1.34	.80	.65	18.09
.90	.82	.75	1.29	1.79	9.02	6.73	3.72	3.10	3.10	1.95	1.21	.85	20.85
.95	1.02	.97	1.66	2.20	6.12	8.71	4.49	3.73	3.73	2.57	1.62	.83	23.14
ALPHA	2.04	1.38	1.14	1.89	2.00	1.04	2.26	1.41	2.74	1.12	.90	1.37	9.22
BETA	.22	.28	.50	.49	1.29	2.83	.87	1.35	.66	.82	.62	.24	1.57
0	.20	.20	.05	0.00	0.00	0.00	0.00	0.00	.15	.10	.16	.20	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 OR NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.87	.14	.20	.47	5.78	4.87	.20	2.76	.54	.56		.05	
1952	.50	.40	1.58	1.47	1.07	1.20	.46	2.92	.95	.00	.57	.18	11.30
1953	.20	T	.54	.81	2.37	.34	.80	4.81	.00	.61	1.75	1.35	13.58
1954	.50	T	.20	.03	1.96	.36	1.24	2.62	.00	1.48	.01	.22	8.62
1955	.21	.25	.12	.85	3.31	.60	.73	1.06	1.46	.20	T	.56	9.35
1956	.61	.19	.15	.35	.70	.46	2.80	1.01	.00	T	.73	.05	7.05
1957	.21	.32	1.790	2.04	5.01	2.36	1.22	1.18	2.25	.86	.50	.00	17.74*
1958	.84	.16	1.73	1.30	2.21	3.15	4.11	1.44	.82	.45	.84	T	18.05
1959	.58	.20	.47	.76	2.39	2.06	3.49	2.56	2.78	2.67	T	.39	18.35
1960	1.21	1.75	.52	1.59	.65	1.93	1.70	.66	.60	1.39	.24	.61	12.85
1961	T	.58	.77	.73	1.15	3.87	2.79	3.18	1.81	2.00	1.66	.12	18.66
1962	.42	.06	.29	.70	4.61	2.14	2.11	.15	2.84	.48	.69	T	14.49
1963	.22	.13	.66	.16	1.19	4.54	2.60	1.17	1.76	.37	.39	.33	13.52
1964	.00	.52	.03	.41	6.77	.62	.70	.02	.95	.25	.74	.20	11.21
1965	.20	.13	.32	T	1.87	18.82	.91	1.76	1.77	2.47	.06	.66	29.07
1966	.38	1.04	T	1.22	.28	2.57	3.67	2.23	2.54	.14	.00	.24	14.31
1967	.25	T	.07	.96	3.66	2.44	3.23	2.53	1.64	.02	.19	.10	14.29
1968	.03	.15	.18	.69	2.72	2.57	2.56	.61	.52	.31	.36	.12	10.82
1969	T	.18	.93	1.84	2.76	3.86	1.85	2.27	5.38	1.86	.02	.11	21.06
1970	T	.00	.76	1.14	.98	.26	2.21	3.23	1.91	.51	.12	T	11.12

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								1.0	1.5	.3	T	1.0	
51-52	.0	.0	.0	.0		.5	6.0	5.0		2.0	.0	.0	
52-53	.0	.0	.0	.0	6.5	1.5	2.0	T	T	.2	T	.0	10.2
53-54	.0	.0	.0	.0	5.5	13.0	11.0	T		.0	1.0	.0	
54-55	.0	.0	.0	.0	.3	3.0	1.6	2.9	1.0	.0	T	.0	8.8
55-56	.0	.0	.0	.0	.0	6.8	8.0	3.0	T	.0	.0	.0	17.8
56-57	.0	.0	.0	.0	3.0		2.4	3.0		T	.0	.0	
57-58	.0	.0	.0	.0	3.0	.0	6.0			T	.0	.0	
58-59	.0	.0	.0	.0	13.0	T	6.0	2.3	2.0	2.0	.0	.0	25.3
59-60	.0	.0	.0	.0	.2	4.6	6.3	18.3	8.0	T	.0	.0	37.4
60-61	.0	.0	.0		2.5	8.5	T	7.5	1.5	2.0	.0	.0	
61-62	.0	.0	.0	.0	4.0	5.0	7.5	1.0		.0	.0	.0	
62-63	.0	.0	.0	.0	2.5	1.0	1.0	.6	5.0	.0	.0	.0	10.1
63-64	.0	.0	.0	.0	.0	7.0	.0	6.0		.0	.0	.0	
64-65	.0	.0	.0	.0	2.0	3.0		2.0		.0	.0	.0	
65-66	.0	.0	.0	.0	.0	6.5		2.0	.0	5.0	.0	.0	
66-67	.0	.0	.0	.0	.0	4.3		T	.6	.0	.0	.0	
67-68	.0	.0	.0	.0	.0		.0	4.0		.0	.0	.0	
68-69	.0	.0	.0	.0	.0	3.3	T	.0	21.0	.0	.0	.0	24.3
69-70	.0	.0	.0	2.0	T	.0	T	.0	15.4	4.0	.0	.0	21.4

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	45.5	54.5	58.2	67.5	77.9	81.7	93.3	92.7	83.6	71.7		49.5	
1952	53.2	54.3	53.9	68.1	81.1	98.5	97.7	95.1	88.4	76.5	53.6	47.3	72.3
1953	58.3	55.4	65.8	67.9	77.4	97.7	96.0	89.9	89.1	75.1	57.6	38.9	72.4
1954	41.6	62.6	57.0	77.8	74.4	94.0	98.2	93.0	91.7	72.3	65.5	51.1	73.3
1955	46.4	48.0	62.9	72.8	79.7	84.9	97.4	93.7	89.6	79.0	58.5	48.1	71.8
1956	48.7	44.0	61.0	69.4	86.3	97.0	95.1	93.5	89.3	77.6	55.3	50.6	72.3
1957	41.9	55.6	55.1	63.1	72.6	88.1	97.9	94.0	81.4	66.8	52.3	55.4	68.7
1958	46.9	46.8	38.8	60.8	80.0	87.6M	89.2	94.8	86.1	74.1	56.9	48.1	67.5*
1959	41.9	45.4	57.4	67.1	77.0	90.5	92.9	93.6	81.2	66.1	56.9	51.4	68.5
1960	39.8	35.1	48.5	70.9M	78.2	88.7	91.5M	93.8	85.8	72.0	61.3	42.1	67.3*
1961	49.0	51.4	58.2	64.2	76.5	88.2	94.7M	90.4M	78.2	72.3M	50.0	42.2	67.9*
1962	36.1	54.0	55.6M	70.2	84.7	84.8	93.3	97.7	81.3	76.4	58.8	53.9	70.6*
1963	36.6	59.3	63.2	75.3	80.7M	91.3	98.5	92.7	87.2	81.7	62.1	38.7	72.3*
1964	52.6	44.8	58.8M	68.0	81.4	86.8	98.6	93.1	82.6M	75.7	56.9	49.1	70.7*
1965	52.5	47.4M	47.5	72.0	80.7	79.0	93.8	89.1	77.3	73.1	61.9	47.2	68.5*
1966	34.5M	37.7	62.5	65.5	82.7	89.5	96.1	87.1	82.1	71.3	58.1	44.5	67.6*
1967	48.7	55.0	64.0M	70.1	74.5	84.6	89.4	88.3	78.5	75.2	55.9	43.9	69.0*
1968	48.0	51.3	61.7	67.6	71.6	91.2	91.2	88.5	83.9	75.4	53.6	41.5	68.8
1969	47.1	51.2	44.4	70.3	76.4	82.5	94.2	90.2	81.5	59.2	58.1	47.6	66.9
1970	43.7	56.3	48.8	65.6	83.0	88.2	93.7	94.7	79.4	62.8	54.8	51.9	68.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.5	20.8	24.9	35.8	47.7	55.4	62.7	62.5	48.8			14.5	
1952	19.6	23.0	24.7	37.9	48.5	62.5	60.5	63.0	51.3	36.1	24.7	21.2	39.4
1953	25.6	21.5	35.6	37.9	48.1	61.2	65.0	63.2	53.1	41.4	31.0	17.2	41.7
1954	16.0	29.4	27.4	42.4	49.6	66.5	72.1	65.9	59.4	39.2	27.2	19.2	42.9
1955	17.5	13.9	22.5	39.0	50.6	59.6	66.8	64.2	54.7	39.5	24.7	16.3	39.1
1956	17.7	18.4	29.1	38.9	56.4	65.4	63.7	62.1	56.1	43.7	23.5M	21.1	41.3*
1957	14.8	25.8	32.0	38.5	49.0	58.8M	68.5	66.0	49.8	43.5	27.4	20.9	41.3*
1958	16.8	24.5	24.6	36.5	53.1	59.0M	61.5	61.3	53.9	35.0	21.1	18.5	38.8*
1959	10.3	18.1	21.5	33.4	49.3	60.5	60.4	63.0	48.4	35.6	19.4	19.4	36.6
1960	12.3	10.8	21.0	38.9M	44.1	55.0	59.1M	57.4	49.6	37.1	23.4	17.6	35.5*
1961	13.6	20.0	26.0M	34.6	45.9	57.6	61.0	60.0M	43.9	31.1M	22.7M	11.6	35.7*
1962	2.9	19.5	19.2M	37.1	48.0	55.1	60.7	57.5	48.2	36.2	23.0	17.3	35.4*
1963	1.8	15.3	24.4	36.7	45.2M	59.4	64.1	62.9	55.1	41.8	20.7	7.9	36.6*
1964	10.0	14.6	16.0M	33.7	48.8	56.0	64.3	58.5	50.0M	33.6	24.6	16.1M	35.5*
1965	17.4	14.2M	17.0	37.3	46.7	58.9	66.1	58.9	45.8	37.2	26.8	17.0	36.9*
1966	7.9	12.6	26.0	32.8	42.7	59.3	64.4	56.4	48.3	29.4	18.4	7.3	33.8
1967	9.9	13.0	24.4M	40.5	40.0	55.8	62.5	57.4	49.5	34.5	21.2	13.1	35.2*
1968	12.8	17.6	23.8	31.9	43.5	56.3	61.6	59.8	48.6	35.5	23.5	12.0	35.6
1969	17.0	20.7	17.3	39.7	50.4	52.2	64.0	61.8	55.3	36.5	23.7	20.5	38.3
1970	12.8	18.6	21.6	34.2	47.9	55.5	62.3	62.1	46.2	33.2	24.9M	14.2	36.1*

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	30.5	37.7	41.6	51.7	62.8	68.6	78.0	77.6	66.2			32.0	
1952	36.4	38.7	39.3	53.0	64.8	80.5	79.1	79.1	69.9	56.3	39.2	34.3	55.9
1953	42.0	38.5	50.7	52.9	62.8	79.5	80.5	76.6	71.1	58.3	44.3	28.1	57.1
1954	28.8	46.0	42.2	60.1	62.0	80.3	85.2	79.5	75.6	55.8	46.4	35.2	58.1
1955	32.0	31.0	42.7	55.9	65.2	72.3	82.1	79.0	72.2	59.3	41.6	32.2	55.5
1956	33.2	31.2	45.1	54.2	71.4	81.2	79.4	77.8	72.7	60.7	39.4M	35.9	56.9*
1957	28.4	40.7	43.6	50.8	60.8	73.5M	83.2	80.0	65.6	55.2	39.9	38.2	55.0*
1958	31.9	35.7	31.7	48.7	66.6	73.3M	75.4	78.1	70.0	54.6	39.0	33.3	53.2*
1959	26.1	31.8	39.5	50.3	63.2	75.5	76.7	78.3	64.8	50.9	38.2	35.4	52.6
1960	26.1	23.0	34.8	54.9M	61.2	71.9	75.3M	75.6	67.7	54.6	42.4	29.9	51.5*
1961	31.3	35.7	42.1M	49.4	61.2	72.9	77.9M	75.2M	61.1	51.7M	36.4M	26.9	51.8*
1962	19.5	36.8	37.4M	53.7	66.4	70.0	77.0	77.6	64.8	56.3	40.9	35.6	53.0*
1963	19.2	37.3	43.8	56.0	65.0M	75.4	81.3	77.8	71.2	61.8	41.4	23.3	54.5*
1964	31.3	29.7	37.4M	50.9	65.1	71.4	81.5	75.8	66.3M	54.7	40.8	32.6M	53.1*
1965	35.0	30.8M	32.3	54.7	63.7	69.0	80.0	74.0	61.6	55.2	44.4	32.1	52.7*
1966	21.2M	25.2	44.3	49.2	62.7	74.4	80.3	71.8	65.2	50.4	38.3	25.9	50.7*
1967	29.3	34.0	44.2M	55.3	57.3	70.2	76.0	72.9	64.0	54.9	38.6	28.5	52.1*
1968	30.4	34.5	42.8	45.8	57.6	73.8	76.4	74.2	66.3	55.5	38.6	26.8	52.2
1969	32.1	36.0	30.9	55.0	63.4	67.4	79.1	76.0	68.4	47.9	40.9	34.1	52.6
1970	28.3	37.5	35.2	49.9	65.5	71.9	78.0	78.4	62.8	48.0	39.9M	33.1	52.4*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

HOLYOKE

05 4082 3

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	YEARS			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	42.7	13.0	28.2	72.	1967	22	-22.	1959	4	0.0	6.9	30.6	4.9	.29	.48	1962	8	5.2	14.	1960	17	1.1	3.0	0.0
FEB	46.6	17.5	32.0	80.	1962	11	-23.	1951	1	0.0	4.4	27.1	1.8	.31	.46	1958	27	5.8	10.	1960	4	1.3	0.0	0.0
MAR	51.4	21.5	36.5	89.	1963	28	-23.	1960	3	0.0	3.3	27.5	1.1	.79	1.18	1959	25	8.3	10.	1959	26	2.4	.4	.1
APR	64.5	32.4	48.4	92.	1965	30	4.	1959	10	.3	.1	14.7	0.0	1.30	2.10	1955	12	3.8	6.	1961	8	2.6	.6	.1
MAY	74.4	43.9	53.2	99.	1967	24	21.	1953	12	3.0	0.0	1.6	0.0	3.32	3.53	1951	15	.3	5.	1954	2	6.4	2.1	.8
JUN.	84.5	53.2	68.9	107.	1963	29	31.	1954	3	9.9	0.0	.1	0.0	3.72	2.31	1969	8	.1	0.	0	0	6.9	2.8	1.0
JUL	91.1	59.2	75.2	110.	1954	11	37.	1952	8	18.5	0.0	0.0	0.0	2.79	3.00	1963	27	0.0	0.	0	0	6.3	2.0	.6
AUG	89.9	57.4	73.6	106.	1969	8	39.	1964	30	17.7	0.0	0.0	0.0	1.85	2.13	1953	15	0.0	0.	0	0	3.6	1.0	.4
SEP	80.7	46.8	63.8	104.	1959	6	26.	1964	27	6.8	0.0	.8	0.0	1.46	1.51	1966	1	.1	0.	0	0	3.5	1.2	.1
OCT	69.6	35.5	52.6	96.	1967	3	11.	1952	6	.9	.1	11.2	0.0	1.02	1.34	1965	18	2.6	8.	1969	12	2.4	.5	.1
NOV	55.9	23.5	38.7	81.	1964	8	-12.	1952	28	0.0	1.8	26.7	.5	.37	1.23	1956	3	4.2	10.	1956	3	1.1	.1	.1
DEC	44.0	16.4	30.3	75.	1959	3	-18.	1968	31	0.0	5.8	30.4	1.9	.36	.52	1967	17	4.7	6.	1968	25	1.6	.1	0.0
ANNUAL	66.1	35.1	50.6							57.	22.	171.	10.	17.6				35.				39.	11.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.20	.74	.89	.75	.23	.16	.09	.03	.05	10.68
.10	0.00	0.00	.12	.31	1.04	1.24	1.02	.38	.27	.17	.05	.08	12.12
.20	.06	.05	.26	.50	1.53	1.78	1.42	.64	.48	.30	.10	.13	13.74
.30	.11	.11	.38	.68	1.97	2.25	1.77	.80	.69	.45	.15	.18	15.00
.40	.16	.17	.50	.87	2.41	2.75	2.12	1.17	.91	.60	.21	.24	16.14
.50	.21	.24	.64	1.07	2.88	3.26	2.48	1.47	1.16	.78	.27	.30	17.25
.60	.26	.31	.79	1.31	3.41	3.83	2.88	1.66	1.32	.99	.35	.36	18.41
.70	.36	.40	.98	1.59	4.04	4.51	3.36	1.93	1.58	1.25	.50	.45	19.71
.80	.47	.52	1.23	1.97	4.87	5.41	3.98	2.24	1.81	1.51	.69	.56	21.30
.90	.66	.72	1.55	2.50	6.19	6.82	4.96	3.43	2.61	2.21	.83	.74	23.65
.95	.84	.91	2.05	3.19	7.43	8.16	5.87	4.77	3.95	2.80	1.07	.92	25.72
ALPHA	1.35	1.53	1.70	1.80	2.42	2.60	2.96	1.55	1.43	1.30	1.14	1.67	15.08
BETA	.24	.24	.49	.72	1.37	1.43	.94	1.20	1.04	.79	.33	.22	1.17
Q	.10	.15	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

HCLYCKE

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.21	.43	T	1.99	6.64	5.51	3.09	1.87	3.93	2.00	.06	.12	25.85
1952	.27	.37	.51	1.98	4.61	.26	.80	.80	.55	.15	.69	.18	11.17
1953	.01	.25	.40	3.71	.41	2.00	2.59	6.50	.13	2.06	1.02	.44	19.52
1954	.05	T	1.23	.41	3.75	4.23	1.95	2.23	1.23	1.24	.11	.19	16.62
1955	.51	.21	.14	2.10	2.58	5.62	2.48	.83	1.02	.26	.32	.24	16.31
1956	.41	.22	.84	.25	3.33	2.20	2.58	1.71	.82	.11	2.02	.33	14.82
1957	.08	.09	1.26	1.59	4.06	2.20	1.83	2.91	.19	1.26	.23	.26	15.96
1958	.20	.98	1.48	2.70	2.97	4.98	5.82	.87	2.42	.51	.27	.87	24.07
1959	.87	.33	2.67	.55	6.48	3.87	.72	1.85	1.95	1.86	.19	.06	21.40
1960	.58	1.32	.73	.66	2.93	3.49	1.26	.93	1.17	1.29	.19	.60	15.15
1961	T	T	1.49	1.10	3.39	2.07	3.03	1.63	3.10	.27	.34	.34	16.76
1962	.51	.11	1.12	.89	5.33	6.12	3.61	1.44	1.66	.33	.39	.60	22.11
1963	.63	.20	.58	.23	1.29	.69	5.48	2.06	2.45	.95	.49	.15	15.20
1964	.00	.38	.90	2.53	1.69	4.26	.91	.32	.37	.22	.04	.03	11.65
1965	.28	.64	.36	.37	3.11	5.64	3.87	2.13	2.94	1.45	.02	.88	21.69
1966	.49	.16	.74	1.55	.36	4.27	6.41	3.06	2.92	.92	.18	.19	21.25
1967	.18	T	.19	1.08	5.12	6.43	3.86	2.03	1.05	.54	.28	1.02	21.78
1968	.04	.25	.09	.52	1.80	2.06	2.16	2.56	.25	.21	.14	.44	10.52
1969	.27	.33	.17	.35	4.82	5.61	1.96	1.29	.28	4.11	.16	.17	19.52
1970	.18	.02	.86	1.49	1.81	2.99	1.33	.02	1.40	.75	.33	.18	11.36

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							8.0	11.0	.5	2.5	T	1.0	
51-52	.0	.0	T	4.0	1.0	7.0	.5	13.0	14.5	1.0	.0	.0	41.0
52-53	.0	.0	.0	2.0	10.0	5.5	1.0	6.0	3.0	10.0	.0	T	37.5
53-54	T	T	.0	T	12.5	5.0	2.0	.0	T	.0	5.2	T	24.7
54-55	.0	.0	.0	.0	1.0	3.0	8.5	9.0	4.0	.0	.0	.0	25.5
55-56	.0	.0	.0	.0	4.5	4.0	7.0	3.5	5.0	1.5	.0	.0	25.5
56-57	.0	.0	.0	.0	24.0	5.0	5.5	T	9.0	.0	.0	.0	
57-58	.0	.0	.0	.0	4.0	5.0	4.5	15.0	23.5	15.0	.0	.0	67.0
58-59	.0	.0	.0	.0	5.0	9.3	17.5	7.0	19.5	5.0	.0	.0	63.3
59-60	.0	.0	1.0	10.0	2.5	.0	18.0	22.5	14.5	.0	.0	.0	68.5
60-61	.0	.0	.0	T	2.0	7.0	T	T	16.5	13.0	.0	.0	38.5
61-62	.0	.0	.0	.0	3.0	3.0	5.3	4.0	8.5	.0	.0	.0	23.8
62-63	.0	.0	.0	.0	.0	4.0	3.0	T	4.0	2.0	.0	.0	13.0
63-64	.0	.0	.0	.0	3.0	3.5	.0	5.5	8.3	13.5	.0	.0	33.8
64-65	.0	.0	.0	.0	T	T	5.3	10.8	7.0	.0	.0	.0	23.1
65-66	.0	.0	T	.0	1.0		8.0	1.5	5.0	2.1	T	.0	
66-67	.0	.0	.0	5.0	2.0	4.0	3.5	T	2.5	1.0	1.0	.0	19.0
67-68	.0	.0	.0	.0	4.0	12.5	.8	1.6	2.3	2.0	T	.0	23.2
68-69	.0	.0	.0	.0	T	7.5	2.8	5.3	1.8	.0	.0	.0	17.4
69-70	.0	.0	.0	27.0	1.5	1.5	2.3	.3	16.8	3.5	.0	.0	52.9

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.3	47.1	49.1	60.8	72.5	74.7	86.8	85.8	75.8	63.7	52.3	36.9	62.3
1952	43.5	46.0	43.1	63.6	70.4	92.1	93.4	84.9	84.6	66.5	45.8	36.5	64.8
1953	49.2	44.5	56.4	57.6	69.8	88.8	90.4	87.3	85.7	73.9	53.0	41.3	66.7
1954	43.5	60.4	49.5M	71.2	70.6	89.3M	96.8	91.7	85.3	66.0	58.2	49.5	69.3*
1955	37.8	39.5	54.3	69.8	75.6	78.2	95.4	94.6	83.3	75.0M	50.0	43.4	66.4*
1956	43.9	43.1	57.9	62.0	78.9	91.7	89.8	89.5	86.7	75.2	48.8	47.5	67.9
1957	35.8	54.5	49.6	56.0	68.5	82.8	94.0	91.4	81.2	62.0	49.6	52.8	64.9
1958	48.0	43.8	37.8	57.7	77.5	83.3	85.8	91.1	81.4	71.4	55.6	43.4	64.7
1959	42.0	40.6	51.9	64.2	71.5	89.0	90.6	93.2	79.1	63.2	53.4	50.8	65.8
1960	37.6	32.7	46.9	67.1	74.1	81.3	91.0	92.5	83.2	70.1	56.3	44.0	64.7
1961	47.1	51.6	52.6	59.0	70.0	85.7	90.3	90.0	74.1	68.8	51.0	41.2	65.1
1962	37.5	47.6	50.0	69.4	79.1	79.8	86.9	90.3	76.4	72.7	57.2	48.0	66.2
1963	33.4	52.1	56.1	68.7	78.0	91.3	85.8	87.8	81.8	79.0	57.5	39.8	68.4
1964	48.8	42.6	50.6	63.0	77.7	83.7	95.0	88.9	82.2	72.6	55.9	46.5	67.3
1965	50.6	46.5	42.6	70.4	77.4	79.1	87.9	87.6	69.0	73.2	60.1	46.9	65.9
1966	36.7	38.1	58.9	62.3	81.6	85.2	92.0	84.7	78.7	71.8	56.5	42.7	65.8
1967	49.0	51.6	62.5	69.7	68.5	78.5	87.0	87.5	80.3	73.0	54.5	37.5	66.6
1968	42.8	49.1	61.7	65.1	69.0	90.4	90.1	87.5	82.0	73.7	51.8	38.6	66.8
1969	39.3	44.4	48.1	70.4	76.9	79.2	91.8	90.7	82.7	54.0	55.4	44.8	64.8
1970	44.3	56.4	46.2	62.2	79.7	85.4	92.7	95.1	80.7	63.5	54.3	48.6	67.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.7	18.2	19.3	29.5	44.8	47.5	58.9	57.2	45.8	35.1	20.5	12.5	33.5
1952	17.6	20.2	21.4	33.6	43.7	55.6	56.3	57.9	46.6	29.4	16.7	13.5	34.4
1953	21.5	18.3	23.8	27.4	39.2	53.5	59.2	57.6	47.7	35.2	25.7	19.4	35.5
1954	15.8	26.6	19.7M	35.0	41.8	54.1M	61.4	56.5	49.3	33.8	26.0	17.7	36.5*
1955	11.6	9.7	17.9	32.8	43.5	48.9	60.8	59.9	48.3	35.2	19.2	14.6	33.5
1956	15.7	12.1	20.9	26.3	46.4	57.2	58.4	56.7	45.9	36.1	23.1	21.4	35.0
1957	7.2	20.0	21.6	31.5	42.4	51.1	59.6	55.3	41.8	39.3	24.4	21.0	34.6
1958	16.3	19.1	16.9	33.1	45.0	54.0	56.4	59.0	48.5	34.1	22.0	16.8	35.4
1959	12.6	16.0	23.7	30.9	44.1	56.0	57.3	59.5	45.8	33.6	20.1	21.6	35.1
1960	12.3	10.9	21.1	36.1	41.7	53.4	56.6	54.8	44.2	35.2	24.1	17.6	34.0
1961	15.5	20.5	27.3	29.5	42.4	54.2	58.7	60.1	43.4	34.5	20.8	12.7	35.0
1962	9.3	17.2	21.0	34.5	46.9	53.3	57.5	55.4	48.4	38.3	27.5	20.3	35.8
1963	5.1	21.2	27.2	34.9	45.9	56.6	61.3	60.4	53.4	42.9	26.3	13.2	37.4
1964	17.4	16.7	20.1	33.7	45.4	52.4	62.4	55.2	46.5	34.3	22.5	13.2	35.0
1965	17.1	13.3	11.9	35.5	44.1	54.9	60.7	56.8	42.7	40.4	29.4	20.3	35.6
1966	4.2	12.5	26.2	31.3	42.4	53.0	63.0	54.3	47.4	34.3	25.9	15.8	34.5
1967	18.8	19.2	25.5	35.0	41.1	52.5	59.3	55.3	46.7	35.8	23.4	13.1	35.6
1968	15.3	23.3	26.1	30.4	41.1	54.1	59.3	56.5	46.1	37.1	22.8	10.3	35.0
1969	11.9	20.5	16.8	36.9	47.9	59.1	60.4	59.9	51.7	31.9	25.9	19.1	36.3
1970	13.4	14.6	19.3	29.5	44.3	51.1	57.1	59.3	45.7	33.5	24.4	14.5	34.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.5	32.7	34.2	45.2	58.7	61.1	72.9	71.5	60.8	49.4	36.4	24.7	47.9
1952	30.6	33.1	32.3	48.6	57.1	73.9	74.9	73.9	65.6	49.0	31.3	25.0	49.6
1953	35.4	30.4	41.1	42.5	54.5	71.2	74.5	72.5	66.7	54.6	39.4	30.4	51.1
1954	29.7	43.5	34.6M	53.1	56.2	71.7M	79.1	74.1	67.3	49.9	42.1	33.6	52.9*
1955	24.7	24.6	36.1	51.3	59.6	63.6	78.1	77.3	65.8	55.1M	34.6	29.0	50.0*
1956	29.8	27.6	39.4	44.2	62.7	74.5	74.1	73.1	66.3	55.7	36.0	34.5	51.5
1957	21.5	37.3	35.6	43.8	55.5	67.0	76.8	73.4	61.5	50.7	37.0	36.9	49.8
1958	32.2	31.5	27.4	45.4	63.3	68.7	71.1	75.1	65.0	52.8	38.8	30.1	50.1
1959	27.3	28.3	37.8	47.6	57.8	72.5	74.0	76.4	62.5	48.4	36.8	36.2	50.5
1960	25.0	21.8	34.0	51.6	57.9	67.4	73.8	73.7	63.7	52.7	40.2	30.8	49.4
1961	31.3	36.1	40.0	44.3	56.2	70.0	74.5	75.1	58.8	51.7	35.9	27.0	50.1
1962	23.4	32.4	35.5	52.0	63.0	66.6	72.2	72.9	62.4	55.5	42.4	34.2	51.0
1963	19.0	36.7	41.7	51.8	62.0	74.0	78.3	74.1	67.6	61.0	41.9	26.5	52.9
1964	33.1	29.7	35.4	48.4	61.6	68.1	78.7	72.1	64.4	53.5	39.2	29.9	51.2
1965	33.9	29.9	27.3	53.0	60.8	67.0	74.3	72.2	55.9	56.8	44.8	33.6	50.8
1966	22.5	25.3	42.6	46.8	62.0	69.1	77.5	69.5	63.1	53.1	41.2	29.3	50.2
1967	33.9	35.4	44.5	51.9	54.8	65.6	73.2	71.4	63.5	54.4	39.0	25.3	51.1
1968	29.1	34.7	43.9	47.8	55.1	72.3	74.7	72.0	64.1	55.4	37.3	24.5	50.9
1969	25.6	32.5	33.5	53.7	62.4	64.7	76.1	75.3	67.2	43.0	40.7	32.0	50.6
1970	28.9	37.5	32.8	45.9	62.0	68.3	74.9	77.2	63.2	48.5	39.4	31.6	50.9

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

HOT SULFUR SPGS

05 4129 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)											
	MEANS			EXTREMES										MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS			
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	28.1	.2	14.1	52.	1954	7	-42.	1963	13	0.0	20.0	30.9	15.2	.86	.36	1957	26	16.8				3.5	0.0	0.0	
FEB	32.1	3.6	17.9	54.	1963	4	-29.	1956	2	0.0	14.4	28.2	11.1	.75	.40	1968	12	14.0				3.7	0.0	0.0	
MAR	38.8	9.3	24.1	66.	1966	30	-23.	1965	3	0.0	7.1	30.9	5.4	.89	.49	1954	22	15.0				3.9	0.0	0.0	
APR	52.2	21.2	36.7	73.	1962	19	-1.	1959	12	0.0	.5	28.7	.1	.95	.60	1962	29	10.0	8.	1957	7	4.4	.2	0.0	
MAY	64.4	29.5	46.9	81.	1954	20	7.	1964	3	0.0	0.0	22.6	0.0	1.13	1.15	1957	9	1.0	0.	0	0	4.2	.3	.1	
JUN	73.3	35.7	54.5	94.	1954	23	21.	1964	17	.2	0.0	7.6	0.0	1.45	1.06	1969	17	0.0	0.	0	0	4.8	.7	.1	
JUL	80.9	41.5	61.2	92.	1954	11	26.	1968	1	.4	0.0	.8	0.0	1.25	1.09	1955	26	0.0	0.	0	0	4.6	.2	.1	
AUG	78.5	40.5	59.6	93.	1969	9	25.	1968	24	.3	0.0	2.1	0.0	1.23	.72	1953	2	0.0	0.	0	0	4.8	.2	0.0	
SEP	70.9	32.0	51.5	88.	1960	4	16.	1970	26	0.0	0.0	16.6	0.0	1.51	1.25	1961	23	1.9	0.	0	0	5.4	.6	.1	
OCT	59.9	22.8	41.3	77.	1957	1	3.	1970	10	0.0	0.0	29.3	0.0	1.01	1.10	1970	7	5.7	8.	1954	25	3.2	.3	.2	
NOV	43.1	12.7	27.9	65.	1965	1	-23.	1955	16	0.0	4.8	29.7	3.9	.76	.65	1955	12	12.1	13.	1955	13	3.4	.1	0.0	
DEC	30.4	2.2	16.3	51.	1962	15	-28.	1966	24	0.0	17.6	30.9	13.1	.88	1.12	1966	6	15.8				4.3	.1	.1	
ANNUAL	54.4	21.0	37.7							1.	64.	258.	49.	12.7				92.				50.	3.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.14	.20	.33	.26	0.00	.15	.29	.60	0.00	0.00	.23	.29	8.56
.10	.22	.27	.41	.35	.31	.26	.40	.70	.20	.18	.30	.37	9.36
.20	.34	.38	.53	.49	.54	.46	.59	.85	.46	.37	.41	.50	10.40
.30	.46	.47	.63	.61	.71	.67	.75	.94	.69	.53	.59	.68	11.19
.40	.58	.57	.72	.73	.86	.88	.91	1.07	.93	.68	.68	.70	12.59
.50	.71	.66	.82	.85	1.00	1.13	1.09	1.18	1.20	.85	.69	.60	13.09
.60	.87	.80	.90	.90	1.00	1.41	1.28	1.29	1.51	1.04	.79	.61	13.69
.70	1.05	.97	1.05	1.15	1.41	1.77	1.51	1.42	1.89	1.26	.92	1.05	14.08
.80	1.20	1.07	1.20	1.36	1.67	2.06	1.82	1.53	2.40	1.58	1.08	1.21	15.05
.90	1.70	1.33	1.44	1.69	2.09	3.07	2.30	2.33	3.23	2.05	1.33	1.48	16.46
.95	2.08	1.57	1.66	2.01	2.98	3.85	2.76	2.84	4.04	2.51	1.56	1.72	17.69
ALPHA	1.88	2.95	4.54	2.99	3.05	1.42	2.52	7.60	1.58	2.00	3.33	3.45	21.00
BETA	.46	.25	.20	.32	.39	1.02	.49	.16	1.01	.54	.73	.23	6.61
Q	0.00	0.00	0.00	0.00	.06	0.00	0.00	0.00	.06	.06	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA: SHAPE PARAMETER BETA: SCALE PARAMETER
 Q: NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	.56	.25	1.33	.40	.54	.26	1.41	1.29	.09	.65	.52	.27	9.96
1955	.41	.27	.83	.45	.60	1.20	2.66	1.23	.78	.50	1.84	.57	11.54
1956	1.52	1.00	.52	1.61	.51	.11	1.53	1.40	T	.55	.55	1.33	10.73
1957	1.89	.74	.94	2.23	2.93	2.36	1.88	.75	.84	1.57	.85	.63	17.61
1958	.30	.90	1.27	1.13	1.42	.73	.50	1.53	.74	.18	.95	.77	10.42
1959	1.13	.81	.76	1.06	1.23	2.19	1.84	1.08	3.75	1.99	.27	.46	16.57
1960	.51	1.44	1.33	.67	1.49	.21	.39	1.16	.93	.72	.51	.38	9.76
1961	.08	.74	.75	1.58	1.44	.66	1.56	1.45	5.95	.56	.48	.52	15.77
1962	1.28	1.08	.45	1.31	2.76	1.66	1.82	.58	.75	1.21	.82	.62	14.34
1963	.95	.50	1.12	.12	.51	2.24	.19	2.97	.51	.74	.34	1.01	11.20
1964	.85	.770	1.22	.85	.41	1.60	.61	1.50	.87	.15	.56	1.82	11.41*
1965	1.31	.28	1.47	.48	1.36	1.48	2.72	1.29	2.44	T	1.35	.82	14.96
1966	.12	.35	.36	.90	.60	.58	.87	.66	.82	1.54	.23	1.84	8.67
1967	.75	1.29	.92	.59	1.15	2.47	.61	1.04	1.78	.92	.71	1.17	13.40
1968	.33	1.62	.25	.74	1.41	.42	1.03	.83	.55	.82	1.43	.68	10.54
1969	1.75	.28	.42	1.16	.85	4.97	.75	1.28	1.73	3.42	.35	1.35	16.31
1970	.89	.35	1.12	.95	T	1.30	.62	1.02	1.87	1.90	1.14	.62	11.86

TOTAL SNOWFALL (INCHES)

SEASCK	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52													
52-53													
53-54	.0	.0	.0	.0	.0	.0	12.0	3.0		3.0	.0	.0	
54-55	.0	.0	.0	8.0	19.5	6.0		2.8	14.0	6.5	.0	.0	
55-56	.0	.0	.0	4.0	35.0	15.5	30.0	17.0	7.5	5.5	T	.0	118.5
56-57	.0	.0	.0	4.0	7.0	18.5	27.5	12.0	16.5	29.6	.0	.0	115.1
57-58	.0	.0	.0	.0	9.0	8.5	5.0	14.5	17.0	14.0	T	.0	68.0
58-59	.0	.0	.0	1.0	8.5	15.5	20.0	15.0	14.1	7.5	4.0	.0	85.6
59-60	.0	.0	5.0			9.0	12.0	28.5	26.0	6.0	.0	.0	
60-61	.0	.0	.0	3.5	8.0	8.5	2.5	15.0	9.6	25.0		.0	
61-62	.0	.0	16.0		13.0	18.5	25.5	23.8	13.5	6.5	T	.0	
62-63	.0	.0	.0	T	7.5	12.0	15.0	9.5	21.5	1.0	.0	.0	66.5
63-64	.0	.0	.0	2.0	6.5	17.2	13.8	17.3	26.0	15.0	5.0	.0	102.8
64-65	.0	.0	.0	3.0	12.0	32.7	29.6	4.5	23.8	4.5	4.1	.0	115.2
65-66	.0	.0	10.0	T	16.5	8.0	3.5	4.5	4.0	9.5	T	.0	66.0
66-67	.0	.0	.0	4.0	3.0	25.5	12.3	22.5	14.5	T	T	.0	61.8
67-68	.0	.0	.0	6.0	15.0	22.5	5.0	36.5	5.0	7.0	3.0	.0	104.0
68-69	.0	.0	.0	2.0	13.5	12.5	32.2	5.0	6.5	10.0	.0	.0	81.7
69-70	.0	.0	.0	34.0	5.0	26.5	19.5	6.0	20.5	15.0	.0	.0	126.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953							82.2	77.4	74.5	60.4M	46.4M	31.0M	
1954	39.5	41.9	40.3M	58.6	66.1	76.9	82.9	71.4	71.4	60.2	48.8M	24.6M	
1955	23.0	26.7	36.3	49.3	64.4	69.4	81.5	79.2	74.5	63.2	38.3M	35.0	53.4*
1956	33.4	25.0M	38.1M	52.0	68.6	78.5	79.8M	76.1	76.2	61.2	35.7	24.9	54.1*
1957	26.9M	33.9M	37.6	47.1M	57.7	70.7M	77.1	76.5	69.4	59.0M	41.3	32.7M	52.5*
1958	23.8	36.8	37.9	48.2	67.3	77.7	78.6	81.7	72.3	62.3	46.4	35.0	55.7
1959	31.1	33.5M	38.8	54.5M	63.1	76.8M	80.1	78.7M	68.9	57.0M	45.3M	37.6M	55.5*
1960	32.0	27.6	43.4	55.5M	62.8	75.8	82.3	81.1M	73.4	57.9	44.0M	28.6M	55.4*
1961	30.0	37.5	44.0	50.0	64.8	77.1	81.3	79.8	62.5	56.5	40.6	29.3M	54.5*
1962	17.3	34.3	34.6	55.8	63.1	71.2	78.4	80.3	72.1	62.9	48.3	34.7M	54.4*
1963	23.6	38.6M	42.5	54.3M	67.9	75.4M	83.7	75.6	75.3	66.5	46.0	29.8	56.6*
1964	23.0	24.6M	33.1	48.2	64.4M	70.5	83.4M	76.0	70.9	64.9	43.4	28.9M	52.6*
1965	27.2	29.8	29.2M	51.9	63.4	70.2	77.7	75.9	61.3	65.5	47.0	33.5	52.7*
1966	28.6	31.6	48.9	54.0	66.3	73.1	84.5	79.1	73.3	58.2	47.8	19.3	55.4
1967	27.9	29.2	44.4	54.0	59.6	67.9	80.3	78.0	70.5	62.5	43.5	26.5	53.7
1968	25.2	30.4M	38.8	48.3	60.5	75.6	80.1	75.4	68.4	60.5	35.4	31.1	52.5*
1969	36.7	30.1	34.3	58.1	69.4	66.2	82.4	82.4	72.9	49.4	37.5M	31.9M	54.3*
1970	27.7	34.5	37.2	47.0	64.6	73.6	79.8	82.0	68.3	49.6	40.3	32.8	53.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953							43.6	39.8M	30.0	20.9M	14.6M	2.8M	
1954	8.7	8.8	5.1M	25.5	32.2	36.3	46.8	36.3	36.3	27.3	17.0M	- 6.7M	
1955	- .6	- 2.7	8.1	17.4	28.9	34.7	40.0	41.4	30.6	20.2	10.6M	8.6	19.8*
1956	9.2	- 3.3M	5.2M	21.7	31.7	35.4	40.0M	39.6	31.4	23.6	7.1	- 1.9	20.0*
1957	- .6M	8.5M	11.4M	23.4M	31.1	37.4M	44.6	42.3	29.2	26.8M	8.6	1.7M	22.0*
1958	- 5.8	11.5	12.1	18.2	32.6	36.7	39.2	42.9	35.5	22.1M	10.7	6.7	21.9*
1959	4.5	4.3M	10.9	21.1M	30.4	38.3M	39.1	41.6M	32.0	23.4M	12.7M	6.5M	22.1*
1960	5.5	1.6	18.2	23.2M	28.6	35.1	40.2	38.3M	35.3	23.2	13.0M	.4M	21.9*
1961	- 6.3	6.6	14.7	22.7	30.7	37.3	41.8	44.5	29.9	22.2	10.1	3.2M	21.5*
1962	-12.2	7.8	5.4	25.2	30.7	36.3	39.2	38.5	30.7	23.8	16.0	4.5M	20.5*
1963	- 5.0	9.8M	10.4	21.7M	29.4	35.4M	42.1	43.8	34.7	25.4	12.9	1.7	21.9*
1964	- 5.6	- 3.1M	6.9	18.8	27.1M	34.2	42.9M	39.6	31.3	20.5	14.3	3.1M	19.2*
1965	.8	.9	1.1M	22.3	28.5	35.9	42.4	37.6	32.0	22.6	18.0	4.0	20.5*
1966	- .2	.2	11.6	21.5	28.1	34.6	43.3	39.4	32.4	22.2	16.0	- 5.0	20.3
1967	4.6	2.0	15.4	20.2	27.3	36.4	42.0	38.3	32.7	22.2	13.4	3.0	21.5
1968	- 6.7	3.3	7.1	17.8	27.3	34.2	40.0	38.6	29.0	22.7	7.7	2.1	18.6
1969	8.7	.7	4.2	22.8	31.2	34.3	41.1	41.6	33.8	22.6	8.2M	1.1M	20.9*
1970	3.7	5.1	9.9	16.6	25.2	34.4	39.3	41.2	29.6	18.4	17.4	3.6	20.4

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	24.1	25.4	22.7M	42.1	49.2	56.6	64.9	58.6M	52.3	40.7M	30.5M	16.9M	
1955	11.2	12.0	22.2	33.4	46.7	52.1	60.8	60.3	52.6	41.7	24.5M	21.8	36.6*
1956	21.3	10.9M	21.7M	36.9	50.2	57.0	59.9M	57.9	53.8	42.4	21.4	11.5	37.1*
1957	13.2M	21.2M	24.5M	35.3M	44.4	54.1M	60.9	59.4	49.3	42.9M	25.0	17.2M	37.3*
1958	9.0	24.2	25.0	33.2	50.0	57.2	58.9	62.3	53.9	42.2M	28.6	20.9	38.8*
1959	17.8	18.9M	24.9	37.8M	46.8	57.6M	59.6	60.2M	50.5	40.2M	29.0M	22.1M	38.8*
1960	18.8	14.6	30.8	39.4M	45.7	55.5	61.3	59.7M	54.4	40.6	28.5M	14.5M	38.7*
1961	11.9	22.1	29.4	36.4	47.8	57.2	61.6	62.2	46.2	39.4	25.4	16.3M	38.0*
1962	2.6	21.1	20.0	40.5	46.9	53.8	58.8	59.4	51.4	43.4	32.2	19.6M	37.5*
1963	9.3	24.2M	26.5	38.0M	48.7	55.4M	62.9	59.7	55.0	46.0	29.5	15.8	39.3*
1964	8.7	10.8M	20.0	33.5	45.8M	52.4	63.2M	57.8	51.1	42.7	28.9	16.0M	35.9*
1965	14.0	15.4	15.2M	37.1	46.0	53.1	60.1	56.8	46.7	44.1	32.5	18.8	36.7*
1966	14.2	15.9	30.3	37.8	47.2	53.9	63.9	59.3	52.9	40.2	31.9	7.2	37.9
1967	16.3	15.6	29.9	37.1	43.5	52.2	61.2	58.2	51.6	42.4	28.5	14.8	37.6
1968	9.3	16.9M	23.0	33.1	43.9	54.9	60.1	57.0	48.7	41.6	21.6	16.6	35.6*
1969	22.7	15.4	19.3	40.5	50.3	50.3	61.8	62.0	53.4	36.0	22.9M	16.5M	37.6*
1970	15.7	19.8	23.6	31.8	44.9	54.0	59.6	61.6	49.0	34.0	28.9	18.2	36.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

IDAHO SPRINGS

05 4234 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN: NO OF DAYS					SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN:			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	40.5	14.7	27.6	62.	1954	31	-32.	1963	12	0.0	6.8	30.0	3.5	.58	.75	1962	8	6.9	10.	1962	8	1.6	.1	0.0	
FEB	42.6	15.3	29.0	67.	1965	5	-27.	1951	1	0.0	4.6	27.4	2.3	.54	.83	1960	14	10.0	7.	1960	23	2.0	.1	0.0	
MAR	45.2	17.2	31.2	72.	1963	28	-16.	1965	19	0.0	4.8	30.3	2.2	.98	.88	1953	30	16.3	9.	1951	28	3.4	.3	0.0	
APR	54.8	25.9	40.4	77.	1962	19	-6.	1959	12	0.0	.7	25.9	.2	1.61	2.81	1957	2	17.3	36.	1957	2	4.0	.7	.2	
MAY	63.9	33.8	48.9	82.	1962	11	11.	1953	13	0.0	0.0	11.5	0.0	2.20	4.10	1969	7	4.3	8.	1960	19	4.7	1.2	.5	
JUN	73.2	40.1	56.7	94.	1954	23	23.	1951	3	.2	0.0	1.9	0.0	1.73	2.03	1963	16	.2	1.	1951	3	4.7	.6	.3	
JUL	79.6	46.3	62.9	93.	1960	27	33.	1962	15	.6	0.0	0.0	0.0	2.37	1.10	1952	30	0.0	0.	0	0	7.5	1.1	.1	
AUG	77.5	44.5	61.0	91.	1962	13	28.	1960	18	.3	0.0	.2	0.0	2.10	2.08	1951	3	0.0	0.	0	0	6.6	.8	0.0	
SEP	70.8	37.1	54.0	88.	1960	4	14.	1959	30	0.0	0.0	6.4	0.0	1.35	1.55	1970	22	3.3	5.	1959	29	4.2	.9	.2	
OCT	61.6	29.2	45.4	83.	1962	13	-3.	1969	13	0.0	.1	20.9	0.0	.83	1.30	1951	5	6.8	7.	1961	29	2.4	.5	0.0	
NOV	48.6	20.7	34.7	69.	1958	9	-14.	1951	2	0.0	2.5	27.8	.8	.71	1.06	1969	1	11.0	8.	1961	12	2.1	.1	.1	
DEC	42.2	16.2	29.2	64.	1965	4	-15.	1963	11	0.0	4.7	30.1	2.0	.54	.69	1960	4	10.4	11.	1951	31	2.1	.1	0.0	
ANNUAL	58.3	28.4	43.4							1.	24.	213.	11.	15.4				86.				45.	7.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.07	.31	.28	.37	.37	1.21	.66	.09	.05	.26	.11	9.81
.10	.06	.12	.40	.43	.57	.53	1.41	.66	.17	.10	.33	.16	10.88
.20	.13	.19	.54	.66	.89	.78	1.68	1.16	.34	.20	.43	.24	12.29
.30	.18	.27	.66	.88	1.11	1.01	1.89	1.41	.53	.31	.51	.31	13.38
.40	.24	.35	.78	1.11	1.50	1.24	2.09	1.55	.73	.44	.58	.38	14.35
.50	.31	.44	.89	1.35	1.83	1.49	2.28	1.81	.98	.59	.66	.46	15.31
.60	.38	.54	1.02	1.53	2.22	1.77	2.49	2.19	1.27	.77	.74	.55	16.31
.70	.47	.64	1.18	1.97	2.69	2.10	2.73	2.41	1.64	1.00	.84	.65	17.40
.80	.59	.83	1.37	2.42	3.31	2.54	3.02	2.83	2.15	1.33	.97	.79	18.40
.90	.78	1.10	1.68	3.15	4.31	3.24	3.46	3.59	3.03	1.89	1.16	1.01	19.81
.95	.97	1.37	1.97	3.84	5.28	3.91	3.85	4.20	3.89	2.44	1.33	1.22	22.58
ALPHA	1.74	1.64	3.58	1.98	1.93	2.33	4.51	3.58	1.12	1.06	4.55	2.24	16.00
BETA	.23	.33	.27	.81	1.14	.74	.28	1.59	1.21	.79	.16	.23	.98
G	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIYED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 G = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.51	.29	1.28	1.11	2.07	1.69	1.82	3.35	.63	1.63	.63	1.48	16.49
1952	.63	.20	.88	2.42	2.59	.08	2.04	1.85	.11	.07	1.50	.12	11.89
1953	.20	.77	.98	1.54	2.98	1.62	1.92	1.62	.07	.47	1.03	.38	13.58
1954	.27	.03	.51	.58	.74	.66	1.97	1.16	2.00	.41	.97	.30	9.60
1955	.04	.52	.50	.32	2.51	1.15	2.63	3.49	.79	.29	.49	.74	13.47
1956	.56	.53	.34					1.61	.02	.16	.79	.32	
1957	.73	.75	.64	5.83	4.96	.95	2.78	2.92	.95	.98	.32	.13	21.94
1958	.35	.17	1.44	1.710	1.760	1.07	1.75	1.12	.94	.29	.58	.40	11.58*
1959	.71	.88	1.55	1.31	2.21	1.67	1.24	3.13	2.90	2.30	.64	.18	18.72
1960	.50	1.87	1.21	1.79	2.49	.61	1.63	.69	.54	1.63	.25	1.44	14.65
1961	.27	.49	1.87	1.42	2.16	2.80	3.07	3.85	4.55	.65	.67	.28	22.08
1962	1.34	.54	.51	1.93	.64	1.78	1.79	.59	.67	.47	.59	.41	11.26
1963	.52	.50	.99	.12	.52	3.50	2.63	4.10	3.01	.26	.42	.80	17.38
1964	.17	.56	1.47	.83	1.58	1.24	1.85	1.12	.99	.03	.69	.67	11.20
1965	.32	.70	.70	2.22	.72	3.22	5.62	2.44	1.44	.25	.190	.37	18.19*
1966	.20	.88	.23	1.38	1.01	1.79	2.59	2.87	1.17	.78	.62	.40	13.92
1967	.24	.34	.650	2.05	2.97	2.81	3.01	2.13	1.40	1.28	.66	1.01	18.55*
1968	.19					1.06	1.68	1.84	1.47	.25	1.14E	.340	
1969	.40	.06	.97	1.72	7.32	2.70	1.95	1.08	.92	3.60	1.16	.70	22.58
1970	T	.21	1.98	.77	.36	2.44	3.15	1.05	2.44	.83	.90	.25	14.38

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.0	8.5	25.2	13.7	.2	4.0	
51-52	.0	.0	4.0	11.5	12.0	30.8	2.1	1.2		19.2	2.1	.0	
52-53	T	.0	.0	1.0	16.8		3.5		13.3	16.5	8.1	.0	
53-54	T	.0	.0	5.7			7.0	1.1	12.0	4.0	6.5	T	
54-55	.0	.0	T	3.0	11.9	1.0	1.0	17.0		3.7	.0	.0	
55-56	.0	T	1.5	2.2		15.0	13.3		6.7				
56-57	.0	.0	.0	T	13.0	7.5		9.8	8.5	73.0	19.4	.0	
57-58	.0	.0	T	4.0	4.0	2.1	7.5	1.0	14.5			.0	
58-59	.0	.0	.0	1.5	7.9	7.2	10.1	15.5	20.1	16.2	3.0	.0	81.5
59-60	.0	.0	12.2	19.6	5.1	2.9	6.0	19.6	18.4	15.0	11.0	.0	109.8
60-61	.0	.0	.0	9.0	3.3	17.9	5.0	10.0	28.4	20.9	12.5	.0	107.0
61-62	.0	.0	8.8	8.9	14.2	4.6	18.7	8.5	7.8	22.1	.0	.0	93.6
62-63	.0	.0	.2	.0	8.2	5.7	8.3	5.3	14.1	2.5	.0	.0	44.3
63-64	.0	.0	.0	1.3	7.0	16.5	5.0	21.0	24.5	14.5	T	.0	89.8
64-65	.0	.0	1.0	.5	16.0	15.0	7.5	15.0	16.5	32.5	.0	.0	104.0
65-66	.0	.0	17.5	.0		6.6	6.5	24.0	4.0	18.5	.0	.0	
66-67	.0	.0	.0	10.0	11.0	7.0	6.3	7.5		10.0	7.0	.0	
67-68	.0	.0	.0	8.0	16.0	24.5	4.5					.0	
68-69	.0	.0	T	3.0		4.0	5.0	1.5		T	.0	.0	
69-70	.0	.0	.0	41.0	14.0	14.0	T	3.5	31.0	11.0	4.0	.0	118.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.0	44.8	45.0	53.1	63.6	68.7	80.3	75.8	72.3	57.4	45.4	37.0	56.5
1952	40.1	43.0	42.1	54.2	63.7	80.2	78.5	77.8	75.0	65.5	41.5	38.4	58.3
1953	44.8	41.5	50.7	50.9	58.5	75.5	79.8	77.1	75.2	63.0	50.3	39.2M	58.9*
1954	44.7	52.8	44.1	63.1M	65.1	77.3	82.2	79.5	71.3	62.8	51.2	41.9	61.3*
1955	36.4	37.7	46.2	57.2	63.9	70.3	80.5	77.4	72.4	63.0	44.7	42.2	57.7
1956	40.7	37.6	48.0				79.6M	77.0	76.7	65.0	46.2M	45.3	
1957	39.5	48.5	48.6	49.2	59.5	74.0	81.8	79.5	71.5	60.3M	41.9	46.4	58.4*
1958	40.5	47.1	41.0M	49.5M		77.8	78.9M	81.4	74.9	65.2M	53.5	47.2	
1959	41.7	41.5	45.4	55.8	62.1	78.4	80.8	79.2	68.0M	57.8	49.5	47.5	59.0*
1960	39.1	33.0	48.1	59.1	64.9M	77.6	80.9M	80.4M	72.7	61.6	52.5	42.9M	59.4*
1961	44.4	45.8	45.6	53.4	65.5	73.9	78.4	76.8	64.2	62.7	46.0M	37.8	57.9*
1962	39.7	44.3	44.6	59.6	68.2M	73.8M	80.1	82.6	72.9M	66.6M	52.4	46.2	60.9*
1963	35.9	48.8M	49.8M	58.3	68.7	74.7	81.8	74.1	72.1	66.5	53.2	41.7	60.5*
1964	37.2	34.4	39.7	51.2	64.7	70.0	80.7	76.5	69.8	62.8	47.2	39.5	56.1
1965	41.5	40.5	36.2	54.9	61.8	69.7	77.1	74.5	60.8	64.7	53.4M	45.1	56.7*
1966	37.7M	36.9M	51.8	54.6	67.8	72.3	81.6	76.2	70.9	60.7	53.3M	42.0	58.8*
1967	42.9	40.9	50.3M	55.3	58.3	66.8M	77.8	75.9	70.5	61.3	48.0	37.2	57.1*
1968	43.6						76.1	73.5	69.1	63.7	46.1M	40.8	
1969	46.1	44.2	40.6	58.3M	64.5	63.7	77.1	78.7	69.4	50.2	48.3	42.3	57.0*
1970	39.2	46.3	41.6	48.3	66.0	72.3	77.6	76.8	66.1	50.3M	47.5	43.2	56.3*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.5	14.6	15.0	22.4	32.3	34.9	44.3	41.4	32.9	23.8	16.6	15.9	25.4
1952	12.3	16.8	14.5	27.3	34.8	43.2	46.0	45.9	39.3	29.9	14.8	15.3	28.3
1953	24.6	14.0	21.9	22.9	31.3	41.4	48.0	44.2	39.5	30.0	24.9	14.7M	29.8*
1954	18.7	24.1	18.1	30.3M	35.0	40.6	48.2	43.3	40.0	34.0	24.8	16.2	31.1*
1955	13.9	9.7	16.8	26.0	34.7	39.1	45.1	45.7	35.5	28.3	20.8	20.2	28.1
1956	17.6	9.7	18.4				46.8M	44.2	38.5	29.8	19.7M	19.0	
1957	11.7	21.1	20.3	23.2	32.9	40.4	48.3	47.1	36.9	32.5M	19.3	19.6	29.4*
1958	15.2	22.3	15.1M	25.1M		41.3	44.3M	45.4	36.1M	27.9M	19.7	21.3	
1959	15.7	13.9	20.1	26.7	35.1	43.6	43.5	44.6	34.3M	25.3	17.4	14.6	27.9*
1960	9.9	5.9	17.6	24.7	30.2M	37.9	41.4	39.8M	35.9	29.1	21.5	13.3M	25.6*
1961	12.8M	15.7	20.2	25.2	34.1	40.3	44.1	44.4	32.6	25.5	14.2M	10.9	26.7*
1962	3.7	14.3	12.0	26.2	30.3M	36.0M	40.0	38.2	35.4M	30.9M	23.4	19.1	25.8*
1963	8.0	21.6M	18.9M	28.3	34.6	41.4	48.8	46.8	42.3	34.8	24.2	16.8	30.5*
1964	12.9	11.6	14.2	25.9	35.0	40.2	48.7	43.9	36.7	28.8	21.9	16.1	28.0
1965	18.9	15.6	10.1	28.5	34.4	40.8	47.5	43.0	33.7	33.2	26.1M	18.2	29.2*
1966	11.6M	9.7M	20.6	25.0	36.0	41.5	50.8	46.0	40.9	30.5	24.1M	16.2	29.4*
1967	18.8	16.8	23.7M	26.1	33.1	39.1M	47.4	43.9	37.8	29.8	19.6	6.8	28.7*
1968	17.1						45.8	44.6	37.5	30.8	18.9M	13.9	
1969	20.6	14.7	12.7	29.6M	35.7	39.8	48.9	43.1	40.5	23.8	20.9	16.8	29.4*
1970	18.6	19.4	16.4	23.4	34.4	40.4	47.1	47.5	35.2	25.2M	22.0	17.4	28.9*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	22.3	29.7	30.0	37.8	48.0	51.8	62.3	58.6	52.6	40.6	31.0	26.5	40.9
1952	26.2	29.9	28.3	40.8	49.3	61.7	62.3	61.9	57.2	47.7	28.2	26.9	43.4
1953	34.7	27.8	36.3	36.9	44.9	58.5	63.9	60.7	57.4	46.5	37.6	27.0M	44.4*
1954	31.7	38.5	31.1	46.7M	50.1	59.0	65.2	61.4	55.7	48.4	38.0	29.1	46.2*
1955	25.2	23.7	31.5	41.6	49.3	54.7	62.8	62.1	54.0	45.7	32.8	31.2	42.9
1956	29.2	23.7	33.2				63.2M	60.6	57.6	47.4	33.0M	32.2	
1957	25.6	34.8	34.5	36.2	46.2	57.2	65.1	63.3	54.2	46.4M	30.6	33.0	43.9*
1958	27.9	34.7	28.1M	37.3M	45.6	59.6	61.6M	63.4	55.5M	46.6M	36.6	34.3	
1959	28.7	27.7	32.8	41.3	48.6	61.0	62.2	61.9	51.2M	41.6	33.5	31.1	43.5*
1960	24.5	19.5	32.9	41.9	47.6M	57.8	61.2M	60.1M	54.3	45.4	37.0	28.1M	42.5*
1961	28.6M	30.8	32.9	39.3	49.8	57.1	61.3	60.6	48.4	44.1	30.1M	24.4	42.3*
1962	21.7	29.3	28.3	42.9	45.3M	54.9M	60.1	63.4	54.2M	48.8M	37.9	32.7	43.4*
1963	22.0	35.2M	34.4M	43.3	51.7	58.1	65.3	60.5	57.2	50.7	38.7	29.3	45.5*
1964	25.1	23.0	27.0	38.6	45.9	55.1	64.7	60.2	53.3	45.8	34.6	27.8	42.1
1965	30.2	28.1	23.2	41.7	48.1	55.3	62.3	58.8	47.3	49.0	39.8M	31.7	43.0*
1966	24.7M	23.3M	36.2	39.8	51.9	56.9	66.2	61.1	55.9	45.6	38.7M	29.1	44.1*
1967	30.9	28.9	37.0M	40.7	45.7	53.0M	62.6	59.9	54.2	45.6	33.8	23.0	42.9*
1968	30.4						61.0	59.1	53.3	47.3	32.5M	27.4	
1969	33.4	29.5	26.7	44.0M	50.1	51.8	63.0	63.9	55.0	37.0	34.6	29.6	43.2*
1970	28.9	32.9	29.0	35.9	50.2	56.4	62.4	62.2	50.7	37.8M	34.8	30.3	42.6*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

IDALIA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)										PRECIPITATION (INCHES)													
	MEAS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN														.35	.93	1960	14	5.6	3.	1952	4	1.5	.1	0.0
FEB														.33	.92	1960	4	4.3				1.1	.1	0.0
MAR														.86	.90	1969	2	9.8	4.	1966	22	2.7	.3	0.0
APR														1.41	1.49	1953	24	2.8	6.	1964	5	2.5	.9	.1
MAY														2.65	1.90	1969	8	.3	0.	0	0	5.6	1.6	.8
JUN														2.80	3.59	1963	16	0.0	0.	0	0	4.9	1.5	.6
JUL														2.71	2.30	1957	25	0.0	0.	0	0	5.8	2.1	.7
AUG														1.98	3.65	1968	28	0.0	0.	0	0	4.0	1.4	.5
SEP														1.26	2.38	1966	3	0.0	0.	0	0	2.8	.9	.3
OCT														.92	1.44	1965	17	.6	4.	1966	14	2.5	.6	.2
NOV														.41	.50	1970	8	3.5	7.	1967	2	1.1	.1	0.0
DEC														.31	.49	1952	13	5.0	3.	1965	14	1.0	0.0	0.0
ANNUAL														16.0				32.				35.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.17	0.00	.62	.69	.42	.25	0.00	0.00	0.00	0.00	10.57
.10	0.00	0.00	.24	0.00	.87	.96	.66	.40	0.00	.11	.06	.03	11.54
.20	.06	.06	.36	.57	1.26	1.36	1.05	.68	.15	.26	.12	.08	12.91
.30	.13	.07	.48	.82	1.60	1.73	1.32	.82	.27	.40	.19	.12	13.93
.40	.20	.16	.60	1.04	1.87	2.08	1.51	1.00	.34	.56	.23	.17	14.83
.50	.27	.24	.73	1.26	2.11	2.32	1.64	1.10	.48	.71	.33	.23	15.72
.60	.35	.34	.87	1.42	2.26	2.47	1.79	1.20	.62	.85	.41	.30	16.64
.70	.42	.43	1.05	1.58	2.41	2.62	1.92	1.30	.79	1.00	.51	.39	17.66
.80	.50	.57	1.28	1.75	2.57	2.78	2.04	1.41	1.00	1.14	.65	.50	18.60
.90	.60	.79	1.46	2.00	2.75	2.96	2.11	1.50	1.12	1.27	.75	.60	19.60
.95	1.02	1.01	2.01	3.30	4.86	5.07	3.40	2.08	3.01	2.01	.78	.70	20.73
ALPHA	1.55	1.67	2.09	2.74	3.97	2.71	1.82	1.56	1.20	1.42	1.56	1.22	19.82
BETA	.27	.26	.41	.57	1.03	1.03	1.50	1.26	1.17	.68	.28	.26	.81
Q	.15	.25	0.00	.10	0.00	0.00	0.00	0.00	.15	.05	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

IDALIA

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.10	.31	.03	2.02	1.91	6.45	2.66	2.07	1.53	.84	.51	.26	18.69
1952	.18	.47	1.46	2.31	2.79	.93	.89	1.13	.52	.10	.81	1.26	12.85
1953	.22	.15	.47	4.77	1.37	1.42	1.19	1.70	T	.40	.98	.63	13.30
1954	.35	T	1.11	.70	2.53	.91	.65	.11	.63	1.22	.15	.40	8.76
1955	.32	.77	.33	1.22	2.78	3.50	.35	1.20	.83	.78	.19	.24	12.51
1956	.59	.40	.55	.32	.72	1.17	4.90	3.480	.00	.34	1.55	.24	14.26*
1957	.27	T	1.39	2.26	6.27	2.02	5.45	2.17	T	1.55	.23	.36	21.97
1958	.41	.48	1.08	1.19	3.47	2.47	4.84	1.72	.93	.75	.26	.50	17.90
1959	.67	.20	1.75	.56	3.05	.77	2.32	1.98	2.19	1.17	T	.31	14.97
1960	1.34	1.92	.64	.78	3.09	3.150	3.130	.280	.630	1.73	.11	.63	17.43*
1961	.01	T	1.77	1.30	3.99	1.42	4.17	1.24	2.50	.26	.76	.18	17.60
1962	.15	.17	.70	1.34	3.04	3.75	4.42	1.87	.16	.68	.35	.17	16.80
1963	.31	.11	1.20	T	1.35	3.59	2.61	2.83	4.07	.14	.45	.32	16.98
1964	T	.40	.61	2.79	2.47	3.53	.28	.54	1.10	T	.22	.02	11.96
1965	.63	.60	.34	T	1.88	7.52	3.42	4.65	3.17	2.06	.03	.46	24.76
1966	.68	.24	.49	1.24	.16	1.86	4.82	2.35	3.32	.68	.11	.07	16.02
1967	.25	T	.52	1.07	4.33	2.81	2.83	.22	2.60	.80	.26	.12	15.81
1968	T	.10	.36	1.39	2.77	1.23	3.63	5.92	.15	.12	.27	.03	15.97
1969	.55	.20	1.15	2.28	3.89	4.07	1.15	1.38	.15	3.77	.31E	T	18.90*
1970	T	T	1.25	.70	1.05	3.33	.77	2.67E	.68E	1.08	.70	.04E	12.27*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.0	5.3	.8	5.0	T	T	
51-52	T	.0	T	1.5	5.0	6.0	2.5	6.5	17.0	3.3	.0	T	41.8
52-53	.0	.0	.0	T	7.5		3.0	3.0		6.0	T	.0	
53-54	.0	.0	.0	.0		8.0	6.0	T		1.0	5.0	.0	
54-55	.0	.0	.0	T	2.5	5.0		7.5	4.0	3.0	.0	.0	
55-56	.0	.0	.0		2.0	3.0	7.0				.0	.0	
56-57	.0	.0	.0	T	15.5	8.0	7.5	T		9.5	.0	.0	
57-58	.0	.0	.0	T		7.0	6.5	8.0		5.0	.0	.0	
58-59	.0	.0	.0	.0		5.0	13.3		12.0	3.3	.0	.0	
59-60	.0	.0	T	6.0	T	3.5	21.5	26.6	10.6	.0	.0	.0	68.2
60-61			.0	.0		9.0	T		18.2	8.0	.0	.0	
61-62	.0	.0	.0	.0			4.5	3.8		.0	.0	.0	
62-63	.0	.0	.0	.0	1.7	1.0	6.8	1.5	12.0	.0	.0	.0	23.0
63-64	.0	.0	.0	.0			T		12.1		T	.0	
64-65	.0	.0	.0	T	3.0					T	T	.0	
65-66	.0	.0	.0	T			10.0	2.2	6.0			.0	
66-67	.0	.0	.0	4.0	1.8		4.0	T	3.5		.0	.0	
67-68	.0	.0	.0	.0	3.0			.0		T	T	.0	
68-69	.0	.0	.0	.0	.0			T		.0	.0	.0	
69-70	.0	.0	.0	.0		T	T	T	12.0	T	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

IGNACIO 1N

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	YEAR'S			EXTREMES				MEAN: NO OF DAYS					SNOW, SLEET			MEAN: NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN.	39.8	7.7	23.8	62.	1956	10	-34.	1963	13	0.0	4.7	31.0	8.6	1.30	2.05	1957	26	13.2	17.	1957	29	3.1	.5	.1	
FEB	44.5	12.7	28.7	63.	1958	22	-26.	1951	1	0.0	1.8	28.1	4.1	.75	.77	1960	2	8.8	14.	1960	2	2.6	.1	0.0	
MAR	51.4	19.1	35.3	74.	1966	31	-11.	1966	4	0.0	.6	29.8	.5	.93	1.04	1961	19	5.1	12.	1960	2	3.4	.2	.1	
APR	62.2	26.3	44.3	79.	1962	19	3.	1970	15	0.0	0.0	25.5	0.0	1.12	.95	1959	7	1.6	2.	1953	6	2.9	.4	0.0	
MAY	72.4	33.6	53.0	90.	1956	31	12.	1967	1	.1	0.0	13.7	0.0	.82	.68	1955	17	.2	0.	0	0	2.4	.4	0.0	
JUN.	82.5	40.5	61.5	98.	1954	21	24.	1954	7	3.6	0.0	1.7	0.0	.64	1.41	1952	3	0.0	0.	0	0	2.1	.2	.1	
JUL	87.5	49.3	68.4	102.	1966	8	31.	1968	1	10.2	0.0	0.0	0.0	1.56	1.90	1954	22	0.0	0.	0	0	4.1	.6	.3	
AUG	84.3	48.1	66.2	95.	1969	9	33.	1960	17	4.6	0.0	0.0	0.0	1.80	2.00	1964	12	0.0	0.	0	0	4.8	.6	.3	
SEP	77.7	38.9	58.4	93.	1955	2	19.	1968	17	.8	0.0	4.5	0.0	1.24	2.63	1970	6	0.0	0.	0	0	3.4	.7	.1	
OCT	67.1	30.2	48.6	84.	1963	1	13.	1956	25	0.0	0.0	20.8	0.0	1.60	1.53	1953	19	.1	0.	0	0	3.4	1.2	.3	
NOV	52.0	19.1	35.6	70.	1967	15	-11.	1952	29	0.0	.6	27.8	.6	.86	1.14	1965	23	2.8	7.	1952	24	2.4	.2	.1	
DEC	41.9	10.9	26.4	60.	1970	10	-28.	1961	12	0.0	3.8	30.6	5.0	1.30	1.51	1966	6	7.9	13.	1961	18	3.9	.5	0.0	
ANNUAL	64.1	28.5	46.3							19.	11.	214.	19.	13.9				40.				38.	6.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.11	.10	.07	.21	0.00	0.00	.27	.31	0.00	0.00	.16	.25	8.55
.10	.20	.16	.13	.32	.08	0.00	.41	.46	0.00	0.00	.23	.36	9.53
.20	.37	.27	.25	.53	.21	.08	.64	.75	.30	.26	.48	.55	10.82
.30	.56	.37	.38	.68	.33	.17	.85	.97	.52	.53	.73	.73	11.82
.40	.75	.48	.52	.79	.47	.28	1.07	1.22	.74	.79	.60	.91	12.72
.50	.98	.60	.68	.95	.62	.41	1.30	1.50	.97	1.11	.72	1.11	13.61
.60	1.25	.74	.78	1.14	.79	.57	1.57	1.81	1.24	1.50	.87	1.32	14.53
.70	1.54	.92	1.12	1.37	1.01	.78	1.90	2.20	1.57	1.98	1.05	1.59	15.56
.80	2.05	1.15	1.47	1.67	1.31	1.07	2.33	2.70	2.01	2.65	1.28	1.94	16.53
.90	2.83	1.53	2.04	2.15	1.81	1.57	3.03	3.53	2.74	3.78	1.66	2.51	17.53
.95	3.60	1.90	2.61	2.61	2.31	2.07	3.70	4.32	3.45	4.90	2.02	3.05	20.34
ALPHA	1.26	1.63	1.19	2.13	1.33	.97	1.99	1.93	1.56	1.15	2.06	2.10	14.85
BETA	1.03	.46	.78	.53	.65	.73	.78	.93	.89	.42	.62	.84	8.04
C	0.00	0.00	0.00	0.00	.05	.10	0.00	0.00	.10	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 C = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.50	.33	.52	1.93	1.12	T	.85	2.32	.29	1.45	.43	3.12	13.26
1952	3.40	.43	.82	2.32	.69	1.71	1.00	1.39	1.10	.00	1.62	.43	14.91
1953	.52	.38	.83	1.74	.57	.08	3.48	1.30	.13	3.45	1.16	.82	14.86
1954	1.11	.23	1.91	.34	1.17	1.02	3.15	1.36	1.88	.79	.41	.68	14.05
1955	1.11	1.58	.01	1.30	2.99	.09	3.34	2.03	.59	.02	.60	.87	14.53
1956	2.42	.79	.55	.81	.19	.42	.73	.62	.17	1.12	.12	.24	8.18
1957	5.64	1.02	1.06	1.60	3.05	.78	3.95	3.77	.00	4.18	1.91	1.02	27.98
1958	.73	1.13	2.02	.88	.25	.38	.25	1.88	1.31	1.36	.56	.36	11.11
1959	.09	1.10	.16	1.54	.28	.33	.66	2.34	1.28	3.41	.38	1.74	13.31
1960	.82	1.32	.82	.79	1.07	.52	.80	.07	.87	3.21	.52	1.32	12.13
1961	.82	.60	3.57	.94	.04	1.41	1.06	2.23	2.11	2.16	.29	1.11	16.34
1962	.44	1.44	.54	.36	.61	.07	.71	.31	1.62	3.15	1.66	.50	11.81
1963	1.14	1.17	.64	1.11	.56	.04	1.98	3.14	1.02	1.54	.71	.41	13.46
1964	.14	.21	.97	1.84	.16	.17	.86	3.84	1.55	.00	1.50	2.30	13.54
1965	1.46	.96	.73	1.69	1.03	.94	.87	.77	1.76	.84	2.17	3.17	16.39
1966	.57	.34	.19	.94	.56	.07	1.09	1.25	.45	.21	.53	3.54D	9.74*
1967	.54	.04	.10	.04D	.33	1.82	2.02	3.20	.74	.12	.22	1.56E	10.73*
1968	.44	.85	.69	1.32E	.68	.00	1.81	2.14	.00	.91	1.12	1.01E	10.97*
1969	3.07	1.03	.79	.47	1.02	1.71	2.26	1.11	3.45	2.63	.40	.68	18.62
1970	.30	.06	1.59	.49	T	1.20	.25	.90	4.53	1.42	.86	.82	12.42

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.9	2.0	7.3	13.5	T	.0	
51-52	.0	.0	.0	.0	T		29.7	6.5	10.2		.0	.0	
52-53	.0	.0	.0	.0	15.1	4.5	9.0	7.0	7.0	3.0	T	.0	45.6
53-54	.0	.0	.0	.0		14.0	17.5			T		.0	
54-55	.0	.0	.0	.0	1.0	7.5	8.8	20.0	T	T	T	.0	37.3
55-56	.0	.0	.0	.0	5.0		15.5	5.0	5.0	1.0	.0	.0	
56-57	.0	.0	.0	.0	2.0	3.0	44.6		3.3		3.0	.0	
57-58	.0	.0	.0	.0				3.0			.0	.0	
58-59	.0	.0	.0	T	4.0	4.0	1.5	10.5	T	T	.0	.0	
59-60	.0	.0	.0	T	T	17.6		15.5	6.0	T	.0	.0	20.0
60-61	.0	.0	.0	T		15.0	6.0			.0	T	.0	
61-62	.0	.0	.0	.0			10.0	14.0	9.0	.0	.0	.0	
62-63	.0	.0	.0	.0	2.0	T	13.8			T	.0	.0	
63-64	.0	.0	.0	.0	5.0	4.3	3.3	4.0			T	.0	
64-65	.0	.0	.0	.0							.0	.0	
65-66	.0	.0	T	1.0	T				3.5		.0	.0	
66-67	.0	.0	.0	.0	.0		3.8				.0	.0	
67-68	.0	.0	.0	.0	.						.0	.0	
68-69	.0	.0	.0	.0	.0					.0	.0	.0	
69-70	.0	.0	.0	.0		9.5				.0	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	43.5M	45.9	54.3	61.4	73.6	80.6	89.4	83.5	80.1	66.0M	50.2	36.0M	63.7*
1952	38.7	41.2M	46.2M	63.3	72.6M	84.1M	86.5	85.3	81.5		45.7M	40.5M	
1953		46.3	52.6M	58.0M	68.0M	83.7M	87.0	84.1	81.9	69.0M	54.7	38.2M	
1954	43.2	55.0M	51.6M	71.5	74.9	84.3M	88.6	86.3	80.1M	71.0M	59.7	42.5	67.4*
1955	37.7	39.2	52.1M		69.9	81.2	87.4	86.1	82.2	72.6M	54.0	43.1M	
1956	46.4M	41.0	57.3M	64.3M	76.1M	86.8	87.1M	80.0M		67.6M	49.2M	45.2M	
1957	40.0M	48.6	52.9	58.3	65.0	81.0	83.8	80.7	77.6M	62.7	43.7	42.3M	61.4*
1958	42.0	46.8	45.8	58.8	74.9M	85.9	88.0M	86.7		67.6	53.5	49.8	
1959	44.4M	43.2	54.4	64.1M	72.6	86.5	89.4	83.1	77.2	64.8M	53.2	44.3	64.8*
1960	34.5	37.2	53.3	64.6	71.2	83.3	89.4	83.1	80.7	63.6	53.5	37.9	63.1
1961	40.9	46.0	50.2	61.3	73.5	85.9	87.5	83.6M	71.2M		47.9	36.8	
1962	37.8	44.2	48.5	67.3	72.6	83.0	86.9	87.0	77.5	67.7	54.9	46.1	64.5
1963	31.8	46.7	52.1	62.6	76.3	82.1	88.7	82.0	79.4	71.2	54.3	41.9	64.1
1964	40.1	40.8	47.3	58.4	72.0	81.5	88.6	81.9	75.6	71.7	50.0	37.8	62.1
1965	39.5	42.9	47.2	58.8	68.2	77.2	85.1	83.9	72.0	71.2	54.5	41.6	61.8
1966	35.5	37.8	55.3	64.4	75.6M	82.5M	90.0	85.9M		68.2M			
1967		48.5M	60.8M			77.2M	87.4M	81.0M					
1968						85.5M	87.1M			67.7M			
1969		42.4M	47.1	65.6	73.3M	78.6M	86.6M	87.3	76.8M	59.3M	52.4	45.2M	
1970	41.3	52.0	47.7M	55.2	73.1	78.6M	84.8	85.7	72.1	58.4	52.5	42.9M	62.0*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.3	14.2	19.7	28.4	35.4	38.0	50.9	48.2	33.2	29.2M	19.1M	4.0M	27.2*
1952	7.9	5.3M	17.0M	30.6	34.2M	41.3M	48.3	50.4	39.5		15.0M	10.9M	
1953		13.4	18.5M	23.2M	32.8M	42.7M	51.6	45.6	35.5	33.4M	20.9	1.2M	
1954	11.2	15.9M	18.5M	26.3	36.4	40.0M	52.8	45.3	41.4M	30.9M	19.0	12.4	29.2*
1955	5.4	2.9	16.8M		30.4	39.3	46.7	50.4	39.4	26.6M	14.2	13.3M	
1956	18.6M	7.7	18.9M	25.1M	32.1M	42.9	48.9M	43.9M	36.3	26.4M	12.4M	7.1M	26.7*
1957	13.2M	18.4	20.3	25.5	33.0	40.4	50.2	49.5	35.1M	32.9	18.4	14.1M	29.3*
1958	9.1	17.4	21.5	25.6	33.4M	42.2	46.2M	49.5		30.8	20.3	13.0	
1959	8.4	14.8	17.1	27.2M	34.5	44.6M	49.3	50.7	38.0	31.1M	17.3	15.1	29.1*
1960	1.5	6.5	21.0	27.0	32.2	41.1	48.0	46.7	43.2	31.6	19.1	13.6	27.6
1961	6.6	15.2	24.2	25.7	34.3	43.0	49.2	52.0M	38.3M		22.0	4.2	
1962	3.9	18.9	17.2	28.4	32.3	40.3	47.8	45.3	43.2	33.1	25.3	14.8	29.2
1963	.1	18.0	21.2	25.9	36.0	39.0	51.7	51.2	43.5	33.9	20.6	10.3	29.3
1964	4.2	7.8	17.8	25.4	34.0	39.1	51.1	48.1	39.6	27.9	19.4	10.0	27.0
1965	12.9	11.3	20.1	28.3	33.2	38.5	49.5	45.0	37.3	28.7	24.6	16.3	28.8
1966	2.1	5.1	19.0	26.0	33.0M	38.8M	47.7	43.3M					
1967		17.1M	21.0M			41.1M	50.6M	45.4M					
1968						37.3M	44.0M			28.8M			
1969		15.8M	16.6	26.9	35.3M	40.8M	52.3M	52.2	41.9M	30.3M	17.6	15.5M	
1970	11.6	16.3	15.9M	20.4	31.7	40.3M	49.4	51.2	38.0	27.7	19.9	9.0M	27.6*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.9M	30.1	37.0	44.9	54.5	59.3	70.2	65.9	56.7	47.6M	34.7M	20.0M	45.5*
1952	23.3	23.3M	31.6M	47.0	53.4M	62.7M	67.4	67.5	60.5		30.4M	25.7M	
1953	27.2	29.9	35.6M	40.6M	50.4M	63.2M	69.3	64.9	58.7	51.2M	37.8	19.7M	
1954	27.2	35.5M	35.1M	48.9	55.7	62.2M	70.7	65.8	60.8M	51.0M	39.4	27.5	48.3*
1955	21.6	21.1	34.5M		50.2	60.3	67.1	68.3	60.3	49.6M	34.1	28.2M	
1956	32.5M	24.4	38.1M	44.7M	54.1M	64.9	68.0M	62.0M		47.0M	30.8M	26.2M	
1957	26.6M	33.5	36.6	41.9	49.0	60.7	67.0	65.1	56.4M	47.8	31.1	28.2M	45.3*
1958	25.6	32.1	33.7	42.2	54.2M	64.1	67.1M	68.1		49.2	36.9	31.4	
1959	26.4M	29.0	35.8	46.0M	53.6	65.6M	69.4	66.9	57.6	48.0M	35.3	29.7	46.9*
1960	18.0	21.9	37.2	45.8	51.7	62.2	68.7	67.4	62.0	47.6	36.3	25.8	45.4
1961	23.8	30.6	37.2	43.5	53.9	64.5	68.4	67.8M	54.8M		35.0	20.5	
1962	20.9	31.6	32.9	47.9	52.5	61.7	67.4	66.2	60.4	50.4	40.1	30.5	46.9
1963	16.0	32.4	36.7	44.3	56.2	60.6	70.2	66.6	61.5	52.6	37.5	26.1	46.7
1964	22.2	24.3	32.6	41.9	53.0	60.3	69.9	65.0	57.6	49.8	34.7	23.9	44.6
1965	26.2	27.1	33.7	43.6	50.7	57.9	67.3	64.5	54.7	50.0	39.6	29.0	45.4
1966	18.8	21.5	37.2	45.2	54.3M	60.7M	68.9	64.6M					
1967		32.8M	40.9M			59.2M	69.0M	63.2M					
1968						61.4M	65.6M			48.3M			
1969		29.1M	31.9	46.3	54.3M	59.7M	69.5M	69.8	59.4M	44.8M	35.0	30.4M	
1970	26.5	34.2	31.8M	37.8	52.4	59.5M	67.1	68.5	55.1	43.1	36.2	26.0M	44.9*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

JOHN MARTIN DAM

05 4388 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES						MEAN: NO OF DAYS		SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN: NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	46.0	15.5	30.8	76.	1970	28	-21.	1962	11	0.0	5.4	30.5	3.3	.22	.86	1960	14	1.4	8.	1966	21	.7	.1	0.0
FEB	51.1	20.5	35.8	82.	1970	18	-21.	1960	28	0.0	2.8	26.2	.9	.18	.60	1960	14	1.2	10.	1960	15	.6	.1	0.0
MAR	57.2	25.9	41.5	92.	1967	29	-18.	1960	5	.1	2.1	24.1	.5	.44	1.45	1953	31	3.5	12.	1960	7	1.2	0.0	0.0
APR	66.4	37.9	53.7	94.	1965	22	15.	1970	2	.3	.1	8.0	0.0	.76	1.10	1969	17	.4	6.	1966	20	2.2	.4	.1
MAY	79.6	48.2	63.9	101.	1962	10	21.	1967	1	5.8	0.0	.7	0.0	1.94	3.75	1964	29	0.0	1.	1954	1	3.8	1.1	.5
JUN	89.3	57.9	73.6	107.	1954	24	37.	1954	3	17.1	0.0	0.0	0.0	1.45	1.29	1965	18	0.0	0.	0	0	3.5	1.0	.2
JUL	94.5	63.4	79.0	110.	1955	8	50.	1952	8	24.8	0.0	0.0	0.0	2.01	3.33	1961	2	0.0	0.	0	0	4.6	1.1	.5
AUG	92.0	61.2	76.6	107.	1969	13	44.	1964	28	22.4	0.0	0.0	0.0	1.69	2.11	1955	7	0.0	0.	0	0	3.1	.9	.6
SEP	84.4	51.6	68.0	101.	1964	2	29.	1961	25	9.7	0.0	.2	0.0	.88	1.42	1966	27	0.0	0.	0	0	2.2	.5	.2
OCT	73.0	38.7	55.9	96.	1967	3	20.	1969	13	1.5	0.0	6.8	0.0	.74	2.00	1965	17	.2	2.	1970	8	2.1	.4	.2
NOV	56.9	25.9	41.4	81.	1958	10	-3.	1964	28	0.0	1.0	24.6	.3	.37	.93	1961	9	1.4	5.	1962	16	.9	.1	0.0
DEC	47.2	18.3	32.8	74.	1970	1	-20.	1961	12	0.0	3.9	29.8	1.1	.23	.50	1953	2	1.1	6.	1965	17	.8	0.0	0.0
ANNUAL	70.1	38.7	54.4							81.	15.	151.	6.	10.9				9.				26.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.23	0.00	.34	.14	0.00	0.00	0.00	0.00	7.31
.10	0.00	0.00	0.00	.10	.39	.15	.51	.25	.11	.04	.02	0.00	7.99
.20	0.00	0.00	.09	.23	.66	.33	.81	.48	.25	.12	.06	0.00	8.48
.30	.05	0.00	.16	.35	.93	.60	1.08	.71	.38	.22	.11	0.00	9.56
.40	.09	.04	.24	.47	1.22	.83	1.37	.97	.53	.34	.17	.08	10.16
.50	.14	.09	.33	.60	1.54	1.10	1.64	1.27	.68	.48	.24	.13	10.75
.60	.20	.14	.43	.75	1.91	1.41	2.03	1.62	.86	.66	.33	.20	11.36
.70	.28	.22	.55	.94	2.37	1.80	2.46	2.06	1.09	.89	.44	.28	12.04
.80	.38	.33	.73	1.20	3.00	2.33	3.03	2.67	1.40	1.22	.61	.40	12.67
.90	.56	.51	1.02	1.61	4.03	3.22	3.95	3.70	2.09	1.74	.90	.59	14.08
.95	.73	.70	1.30	2.02	5.03	4.08	4.85	4.71	2.40	2.35	1.18	.78	15.14
ALPHA	1.16	.97	1.31	1.57	1.53	1.34	1.91	1.24	1.46	.93	.91	1.14	20.84
BETA	.24	.27	.38	.51	1.27	1.14	1.06	1.37	.63	.63	.63	.26	2.52
Q	.20	.30	.10	.05	0.00	.05	0.00	0.00	.05	.05	.05	.25	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.51	T	.10	.46	1.11	4.29	.55	2.40	.25	.42	.51	T	10.60
1952	.07	.19	.25	.91	1.12	.00	.34	1.83	1.17	.00	.70	.01	6.59
1953	.25	T	2.20	.83	1.62	.31	.67	1.62	T	.12	1.31	.96	9.89
1954	.21	.01	.34	.17	1.95	.09	4.30	.68	.23	1.69	.02	.12	9.81
1955	.00	T	.06	.50	3.24	.46	.73	3.24	.66	.10	.05	.07	9.11
1956	.16	.13	T	.46	.61	1.24	2.03	4.68	.02	.03	.22	.00	9.58
1957	.09	T	.31	3.15	2.48	1.02	1.20	.92	1.66	.60	.56	.00	11.99
1958	.46	.26	.99	.75	3.80	.91	3.18	2.10	.21	.11	.34	.07	13.18
1959	.46	.32	.17	.64	2.42	.50	.63	1.49	.70	2.43	.09	.00	9.85
1960	1.11	.98	.27	1.14	1.08	.96	2.43	.03	.82	2.34	.15	.86	17.17
1961	T	.50	.75	.14	1.09	3.06	5.59	3.32	1.26	.29	1.38	.22	17.60
1962	.28	.01	.37	.51	1.85	2.74	3.69	.12	.36	.35	.60	.14	11.02
1963	.18	.10	.60	.00	1.31	1.48	.74	2.61	1.75	.17	.39	.23	9.56
1964	T	.28	.04	.80	5.43	.28	1.02	.37	.45	.14	.40	.14	9.13
1965	.06	.15	.69	.05	3.24	4.99	3.34	.51	.71	2.02	.03	.83	16.62
1966	.40	.56	T	1.23	.01	.39	1.51	3.56	1.58	.51	.00	.26	10.01
1967	.16	.00	.15	.20	2.84	1.16	1.27	.56	1.18	.34	.39	.24	8.49
1968	.02	.08	.30	.75	.87	2.27	3.54	.69	.57	.42	.02	.17	9.70
1969	.02	.09	.69	1.58	1.33	1.46	.97	1.59	2.73	1.65	.16	.20	12.47
1970	.00	.00	.58	.89	1.42	1.47	2.56	1.57	1.28	1.09	.06	.00	10.92

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								T	10.0	T	.0	.0	
51-52	.0	.0	.0	T	.4	T		T	3.0		T	.0	
52-53	.0	.0	.0	.0	7.0		2.5	T	T		T	.0	
53-54	.0	.0	.0	.0						.0		.0	
54-55	.0	.0	.0	.0	T	2.0	.0	T	1.5	.0	.0	.0	3.5
55-56	.0	.0	.0						T	T	.0	.0	
56-57	.0	.0	.0	.0			2.0	T	.0		.0	.0	
57-58	.0	.0	.0	.0	.0	.0				2.0	.0	.0	
58-59	.0	.0	.0	.0						3.0	.0	.0	
59-60	.0	.0	.0	2.0		.0	7.0			.0	.0	.0	
60-61	.0	.0	.0	.0	3.0		T	11.0	5.0		.0	.0	
61-62	.0	.0	.0	.0						.0	.0	.0	
62-63	.0	.0	.0	.0	6.0	2.0		T		.0	.0	.0	
63-64	.0	.0	.0	.0	.0		T				.0	.0	
64-65	.0	.0	.0	.0						.0	.0	.0	
65-66	.0	.0	.0	.0					T		.0	.0	
66-67	.0	.0	.0	.0	.0	5.0		.0		.0	.0	.0	
67-68	.0	.0	.0	.0	.0					.0	.0	.0	
68-69	.0	.0	.0	.0	.0		T		12.0	.0	.0	.0	
69-70	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.9	53.4	54.5	61.6	77.0	79.9	94.8	92.2	83.4M	70.4	52.7	47.0	67.2*
1952	50.4	51.3	53.7	66.8	78.1	98.0	97.0	92.7	85.6	73.7	50.2	44.7	70.2
1953	56.7	51.9	63.7	62.0	76.1	95.2	97.9	91.3	89.1	74.2	55.1	39.6	71.1
1954	44.4	61.3	54.4	74.6	74.8	95.1	96.8	92.3	90.4	70.2	61.6	50.8	72.2
1955	45.2	44.2	64.0	70.1	77.7	85.1	97.4	90.2	82.6	72.3	49.8	43.3	68.5
1956	46.9	43.1M	61.9	68.9	84.7	94.5	91.7	90.3	87.4	74.9	52.8	49.1	70.5*
1957	42.1	59.9	56.6	62.9	72.9M	87.8	94.7	93.0	81.7	69.0	51.2	58.2	69.2*
1958	47.5	50.5	42.8	64.5	81.3	89.8	90.9	93.8	86.4	73.4	58.3	49.6	69.1
1959	43.6	47.9	61.1	68.4	80.2	91.1	92.5	93.8	83.0	68.2	57.1	50.6	69.8
1960	37.4	31.8	49.4	74.0	79.1	89.8	92.0	95.2	86.0	72.5	61.4	38.8	67.3
1961	45.1	52.6	58.4	67.9	79.5	87.0	91.0	89.8	80.6	74.7	52.1	44.2	68.6
1962	37.1	56.0	58.7	73.1	86.5	86.2	92.3	95.7	84.5	77.9	60.1	52.5	71.7
1963	42.6	58.9	63.5	75.9	84.7	93.9	99.4	92.3	87.6	82.0	63.0	43.2	73.9
1964	53.1	46.4	58.4M	69.7	83.1	89.3	98.6	94.2	84.5	76.9	58.0	50.7	71.9*
1965	56.2	52.1	49.1	75.9	83.4	85.2	94.2	83.0	80.0	76.5	64.0	46.7	71.0
1966	35.9	40.3	66.0	70.1	84.7	92.2	98.5	89.6	84.8	74.6	61.1	47.3	70.4
1967	51.4	57.0	69.7	77.6	78.1	87.8	93.9	90.8	84.3	80.4	60.9	45.1	73.1
1968	48.7M	54.7	63.7	68.5	71.5	90.1	90.6	87.0	82.9	75.2	55.0	42.6	69.2*
1969	50.4	52.4	44.8	70.7	77.8	82.3	94.1	92.7	81.9	59.9	58.6	48.8	67.9
1970	44.9	56.7	49.1	65.7	80.8	86.3	92.7	94.3	81.5	63.2	55.6	51.9	68.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.7	21.0	23.8	36.0	48.6	53.2	64.0	62.2M	50.6	39.1	24.8	16.5	38.0*
1952	20.7	23.7	25.6	38.5	47.9	64.3	64.0	63.8	53.0	35.3	22.9	18.9	39.9
1953	23.7	21.0	32.0	37.0	46.1	60.9	65.8	63.0	52.0	41.4	28.6	20.4	41.0
1954	17.5	28.6	25.7	40.2	46.8	60.8	67.0	62.8	55.5	40.5	27.0	19.6	41.0
1955	17.6	15.3	25.2	40.1	51.1	57.2	66.0	64.4	55.1	41.0	23.5	19.7	39.7
1956	19.0	16.6	27.5	35.3	49.5	62.2	62.8	59.8	52.3	40.1	23.1	17.7	38.8
1957	11.5	24.8	29.5	36.8	47.8	54.5	63.9	61.7	49.3	43.1	29.8	23.9	39.7
1958	19.3	25.1	25.7	37.4	53.6	60.9	61.5	62.0	55.3	39.4	25.3	22.3	40.7
1959	13.8	21.7	27.1	36.7	50.8	60.1	60.8	61.4	49.8	37.3	22.9	22.2	38.7
1960	11.4	11.6	24.4	42.2	46.6	56.9	60.3	60.9	51.3	40.0	25.6	17.5	37.4
1961	16.1	22.6	30.3	35.9	48.3	57.2	60.6	61.7	47.5	35.5	25.7	14.9	38.0
1962	7.2	23.3	23.4	40.3	49.8	56.3	61.8	59.0	50.5	38.6	26.3	20.3	38.1
1963	4.8	22.1	29.5	38.5	49.6	59.1	64.2	62.1	57.1	45.3	26.2	12.4	39.2
1964	16.5	18.1	22.2	35.8	47.7	56.6	64.9	58.8	51.7	34.4	26.2	18.2	37.6
1965	20.3	15.8	19.7	39.7	46.8	57.0	63.4	58.5	48.3	39.7	31.0	20.6	38.4
1966	10.0	14.5	28.6	36.1	45.5	57.5	66.5	59.3	51.6	37.6	27.4	15.1	37.5
1967	19.4	21.5	30.2	42.1	45.3	55.7	62.0	58.2	50.9	39.0	25.3	17.3	38.9
1968	16.3	20.8	26.2	34.1	43.6	58.0	62.1	59.8	48.6	36.7	24.8	11.5	36.9
1969	17.8	21.0	19.0	42.2	50.5	54.1	63.7	62.7	53.7	35.9	25.0	20.3	38.8
1970	12.2	20.1	21.4	32.9	42.0	55.0	62.9	61.5	47.4	34.4	26.1	17.6	36.7

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.8	37.2	39.2	48.8	62.8	66.6	79.4	77.2M	67.0M	54.8	38.8	31.8	52.6*
1952	35.6	37.5	39.7	52.7	63.0	81.2	80.5	78.3	69.3	54.5	36.6	31.8	55.1
1953	40.2	36.5	47.9	49.5	61.1	78.1	81.9	77.2	70.6	57.8	41.9	30.0	56.1
1954	31.0	45.0	40.1	57.4	60.8	78.0	81.9	77.6	73.0	55.4	44.3	35.2	56.6
1955	31.4	29.8	44.6	55.1	64.4	71.2	81.7	77.3	68.9	56.7	36.7	31.5	54.1
1956	33.0	29.9M	44.7	52.1	67.1	78.4	77.3	75.1	69.9	57.5	38.0	33.4	54.7*
1957	26.8	42.4	43.1	49.9	60.4M	71.2	79.3	77.4	65.5	56.1	40.5	41.1	54.5*
1958	33.4	37.8	34.3	51.0	67.5	75.4	76.2	77.9	70.9	56.4	41.8	36.0	54.9
1959	28.7	34.8	44.1	52.6	65.5	75.6	78.7	77.6	66.4	52.8	40.0	36.4	54.3
1960	24.4	21.7	36.9	58.1	62.9	73.4	76.2	78.1	68.7	56.3	43.5	28.2	52.4
1961	30.6	37.6	44.4	51.9	63.9	72.1	75.8	75.8	64.1	55.1	38.9	29.6	53.3
1962	22.2	39.7	41.1	56.7	68.2	71.3	77.1	77.4	67.5	58.3	43.2	36.4	54.9
1963	23.7	40.5	46.5	57.2	67.2	76.5	81.8	77.2	72.4	63.7	44.6	27.8	56.6
1964	34.8	32.3	40.3M	52.8	65.4	73.0	81.8	76.5	68.1	55.7	42.1	34.5	54.8*
1965	38.3	34.0	34.4	57.6	65.1	71.1	78.8	73.8	64.2	58.1	47.5	33.7	54.7
1966	23.0	27.4	47.3	53.1	65.1	74.9	82.5	74.5	68.2	56.1	44.3	31.2	54.0
1967	35.4	39.3	50.0	59.9	61.7	71.8	78.0	74.5	67.6	59.7	43.1	31.2	56.0
1968	32.5M	37.8	45.0	51.3	57.6	74.1	76.4	73.4	65.8	56.0	39.9	27.1	53.1*
1969	34.1	36.7	31.9	56.5	64.2	68.2	78.9	77.7	67.8	47.9	41.8	34.6	53.4
1970	28.6	38.4	35.3	49.3	64.4	70.7	77.8	78.1	64.5	48.8	40.9	34.8	52.6

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

JULESBERG

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEANS			EXTREMES						MEAN NO OF DAYS				SNOW SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	42.2	13.1	27.6	73.	1970	24	-24.	1963	19	0.0	6.9	30.6	5.3	.38	1.06	1951	29	5.3	14.	1966	31	1.1	0.0	0.0
FEB	47.1	17.6	32.4	79.	1962	11	-22.	1951	1	0.0	4.0	27.1	1.6	.45	.63	1953	19	2.4	7.	1958	28	1.2	.1	0.0
MAR	51.7	22.4	37.2	88.	1967	29	-23.	1960	3	0.0	2.6	27.2	.6	.78	2.00	1959	25	4.0	12.	1959	25	2.2	.2	.1
APR	65.2	33.5	49.3	92.	1955	27	11.	1968	4	.1	.1	13.2	0.0	1.57	1.88	1955	11	.3	0.	0	0	3.4	.9	.1
MAY	74.6	45.4	60.0	97.	1970	18	19.	1967	1	2.4	0.0	1.3	0.0	3.63	3.42	1951	20	0.0	2.	1954	1	6.4	2.4	.8
JUN.	84.2	54.9	69.5	107.	1953	29	33.	1964	2	9.4	0.0	0.0	0.0	3.41	2.26	1962	30	0.0	0.	0	0	7.1	2.1	.8
JUL	91.7	60.9	76.3	109.	1954	12	41.	1952	8	20.6	0.0	0.0	0.0	2.67	2.10	1964	8	0.0	0.	0	0	4.7	2.0	.8
AUG	90.0	58.7	74.3	109.	1955	25	38.	1964	30	17.8	0.0	0.0	0.0	1.67	2.15	1968	9	0.0	0.	0	0	3.0	1.0	.2
SEP	81.4	47.9	64.7	102.	1959	7	24.	1964	27	6.9	0.0	.6	0.0	1.25	1.34	1955	11	0.0	0.	0	0	2.8	.8	.2
OCT	69.9	35.9	52.9	94.	1967	4	13.	1959	31	.9	0.0	10.2	0.0	.88	2.15	1965	18	.6	6.	1959	30	2.0	.4	.1
NOV	54.2	23.8	39.0	80.	1953	14	-7.	1955	16	0.0	1.6	26.5	.4	.42	1.05	1956	2	3.7	7.	1952	17	1.1	.1	.1
DEC	43.7	16.3	30.0	70.	1970	7	-18.	1968	30	0.0	5.9	30.6	1.9	.40	.58	1958	4	3.5	8.	1958	13	1.6	.1	0.0
ANNUAL	66.4	35.9	51.2							56.	21.	168.	10.	17.5				20.				37.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.07	.33	1.85	1.99	5.0	7.8	0.00	.07	0.00	0.00	11.49
.10	0.00	0.00	.13	.47	1.19	1.32	7.4	7.2	0.00	.13	0.00	0.00	12.62
.20	.09	.05	.24	.70	1.12	1.80	1.13	6.7	.16	.25	.05	.17	14.07
.30	.15	.12	.34	.91	2.20	2.22	1.40	6.7	.32	.37	.11	.18	15.19
.40	.22	.20	.46	1.12	2.67	2.64	1.86	6.7	.51	.51	.18	.25	16.70
.50	.29	.29	.60	1.35	3.17	3.06	2.25	6.7	.75	.66	.26	.32	17.88
.60	.38	.40	.76	1.60	3.73	3.54	2.70	6.7	1.06	.84	.37	.40	18.19
.70	.48	.54	.96	1.90	4.40	4.09	3.25	6.7	1.47	1.07	.51	.49	19.32
.80	.62	.72	1.23	2.31	5.28	4.82	3.97	6.7	2.07	1.39	.70	.62	20.70
.90	.85	1.03	1.89	2.95	6.67	5.95	5.14	6.7	3.11	1.93	1.04	.84	22.72
.95	1.08	1.33	2.13	3.56	7.98	7.00	6.24	6.7	4.16	2.45	1.38	1.05	24.49
ALPHA	1.46	1.21	1.32	2.30	2.57	3.24	2.08	1.90	.81	1.24	.93	1.62	19.34
BETA	.29	.41	.29	.68	1.41	1.05	1.38	.88	1.53	.71	.50	.76	1.90
Q	.10	.15	0.00	0.00	0.00	0.00	0.00	0.00	.00	0.00	.10	.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

JULESEERG

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.16	.13	.12	1.94	6.76	6.16	1.87	1.64	2.52	2.38	.10	.88	25.66
1952	.45	1.20	1.15	2.68	5.94	.92	1.66	1.54	1.28	.45	1.74	.19	19.20
1953	.23	1.19	1.04	3.30	.90	3.27	1.63	4.36	.06	1.54	1.32	.38	19.22
1954	.65	.00	1.24	.25	2.74	2.08	.45	1.64	.94	.58	.12	.27	10.36
1955	.43	1.19	.35	2.03	4.68	2.79	1.18	1.22	2.58	.30	.67	.20	17.62
1956	.24	.42	.27	1.12	2.98	4.45	3.40	2.19	.01	.12	1.93	.40	17.53
1957	.21	.01	1.11	2.48	6.06	3.43	2.82	2.01	.11	.90	.33	.31	19.78
1958	.21	.93	1.77	2.69	2.08	3.15	6.58	2.02	1.60	.76	.23	1.10	23.12
1959	.56	.27	2.81	.42	3.26	1.71	.26	1.25	2.09	1.25	.02	.00	13.90
1960	1.27	1.14	.49	2.09	3.85	2.49	1.22	1.21	.43	.75	.050	.31	15.30*
1961	.00	.15	1.91	1.40	4.51	1.22	5.65	.95	2.44	.30	.25	.15	18.93
1962	.18	.20	.57	.53	4.34	6.23	2.58	.17	.05	.50	.22	.37	15.94
1963	.90	.28	.52	1.14	2.99	.81	2.84	.74	2.51	1.70	.20	.19	14.81
1964	.00	.24	.36	2.38	.64	3.84	4.14	.35	.47	.11	T	.12	12.65
1965	.33	.51	.20	.83	4.71	5.91	5.53	2.07	2.08	2.21	T	.87	25.25
1966	.70	.21	.72	2.04	.35	5.95	4.18	1.94	3.77	.05	.29	.06	20.26
1967	.20	T	.37	.85	4.83	5.06	1.10	.27	.68	.37	.30	1.52	15.55
1968	.04	.23	.13	.47	2.54	1.43	1.73	5.41	.24	.25	.31	.30	13.08
1969	.10	.22	.05	.42	5.87	3.62	2.93	1.67	.00	2.57	.08	.11E	17.64*
1970	.35	.00	.51	2.25	2.60	3.62	1.56	.81	1.05	.55	.22	.20	13.72

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.3	3.0	1.6	.7	T	T	
51-52	T	T	T		1.0	5.0				2.0	.0	T	
52-53	T	.0	T		20.0		2.5	5.0	2.5	.5	T	T	
53-54	.0	.0	.0	.0			1.0	.0				T	
54-55	.0	.0	.0	.0	5.0	3.0				.0	.0	.0	
55-56	.0	.0	T	.0	T	2.0		2.0			.0	.0	
56-57	.0	.0	.0	T	19.0	4.0	5.0				.0	.0	
57-58	.0	.0	.0	T	1.0	6.0					.0	.0	
58-59	.0	.0	.0	T	3.0		10.0			T	.0	.0	
59-60	.0	.0	T	6.0	T	.0	14.0	10.0	10.0	T	.0	.0	40.0
60-61	.0	.0	.0	T	T		.0				.0	.0	
61-62	.0	.0	.0	.0						.0	.0	.0	
62-63	.0	.0	.0	.0	4.0	T		.0		T	.0	.0	
63-64	.0	.0	.0	.0	3.0						.0	.0	
64-65	.0	.0	.0	.0	.0		4.0			.0	.0	.0	
65-66	.0	.0	.0	.0	T	10.0	14.0				.0	.0	
66-67	.0	.0	.0	.0		1.0	5.0	.0			.0	.0	
67-68	.0	.0	.0	.0				2.0	2.0	T	.0	.0	
68-69	.0	.0	.0	.0	.0		2.0	2.0		.0	.0	.0	
69-70	.0	.0	.0	.0				.0		T	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.9M	49.4M	51.3	60.7	72.9	75.4M	88.5	86.5	76.3	65.6	53.1	37.4	63.3*
1952	44.4	47.1	44.2	65.6	72.1M	92.4	94.5	91.6	85.2	71.2M	45.8M	35.6	65.8*
1953	48.5	45.0	59.4	58.8	71.2	88.9M	92.0	88.3	87.2	74.2	54.0	43.3	67.6*
1954	45.9	61.5	49.5	71.9	70.5	86.0	96.0	91.7	86.6	66.6	60.9M	48.1M	69.6*
1955	35.9	40.6		74.2	79.2	80.7	97.5M	95.4	84.1	75.4	50.9M	45.7	
1956	46.3M	43.6	60.7	64.8	78.4M	91.5	90.1	88.4	86.3	76.2M	49.9	49.6	68.8*
1957	36.4	55.8	51.4	57.3	68.9	82.6	93.3	90.5	80.6	62.4	50.8	54.5M	65.4*
1958	47.2M	44.4	38.1	60.2	80.0	84.0	86.3	92.3	82.8	72.0	55.6	40.6	65.3*
1959	44.0	43.4M	54.2	67.5	73.9	89.6	91.7	94.0	81.3	66.7	53.2	49.7	67.4*
1960	36.5M	34.0	48.5	71.1M	78.0M	84.1	93.8	93.3M	85.2	72.3	57.2	44.2	66.5*
1961	48.3	53.0M	53.1M	59.0	70.1	87.1	90.9	90.5	76.4	70.4	52.2M	41.6	66.1*
1962	39.1	49.1	51.4M	68.7	77.9	80.3M	86.4M	89.0M	75.6M	67.5M	52.1M	42.4M	65.0*
1963	29.7	50.8	55.1	66.3	72.2		95.8	90.1	83.0	78.2	58.7	41.0	
1964	49.2	43.8	49.3M	62.1M	78.5M	83.8	95.2	87.3	81.2M	71.1	56.3M	45.6M	67.0*
1965	49.3	45.0	42.7	69.6	76.3	78.8	88.1	86.2	69.9M	73.6	59.2	44.3	65.3*
1966	32.9	35.0	57.3	61.0	79.7	84.1M	92.1	83.8M	79.4	71.2M	55.7M	43.8M	64.7*
1967	48.3	50.7	60.3	67.5	67.0M	78.7	87.8M	85.0	81.1	71.7	54.3	37.0	66.0*
1968	39.7	48.6M	60.3	64.1M	68.0	87.9M	89.5	87.6	80.9M	72.8M	53.1	39.0	66.0*
1969	35.7M	43.6	49.3M	69.1	76.6M	79.2M	92.0	90.0M	84.4	55.8	56.4		
1970	43.1	57.9	46.5	63.4	80.3	85.0	93.3	95.0	80.6	64.1	55.3	47.3	67.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.1M	18.3M	19.9	30.2	45.9	49.9M	59.9	58.9	46.7	36.1	21.4	14.1	34.5*
1952	18.2M	21.3	21.9	35.7M	45.7M	58.3	59.5	60.5	48.7	32.5M	19.9M	14.8	36.4*
1953	24.0	20.0	29.0	30.7	44.1	57.6M	62.6	59.8	48.8	37.9	27.5	19.2	38.4*
1954	15.3	26.4	20.5	36.2	42.9	54.8	63.5	59.3	51.8	35.1	26.7M	18.4M	37.6*
1955	12.6	10.8	20.6M	36.4	46.7	51.9	63.5M	62.5	49.9	35.6	20.6M	16.6	35.6*
1956	16.6M	12.9	23.8	29.1	46.9	59.0	59.5	57.4	46.6	36.5M	24.4	22.0	36.2*
1957	7.3	20.4	23.3	32.5	44.9	53.3	62.4	60.8	44.6	39.5	24.2	20.1M	36.1*
1958	14.9M	18.9	17.5	32.7	49.1	53.9	58.0	58.9	50.4	35.0	23.6	15.5	35.7*
1959	13.8	15.3M	23.7	30.9	45.2	57.0	57.7	58.0	45.6	31.9	18.5	19.9	34.8*
1960	8.1M	10.7	20.4	36.3	43.0	54.5	59.3	58.2	47.8	36.7	22.8	16.9	34.6*
1961	13.7	19.6M	28.4M	29.7	43.5	55.1	59.1	59.4	44.7	35.0	21.8	14.3	35.3*
1962	7.0	16.4	20.7M	35.1	46.5	53.9M	59.2M	55.7M	46.5M	36.6M	25.7M	17.7M	35.1*
1963	1.0	21.9	26.2	35.4	46.9	56.5	62.7	60.1	53.3	43.0	24.5	12.0	37.0
1964	14.6	16.1	19.3M	34.7	46.0M	53.3	63.1	55.2	46.2M	34.5	22.4	15.4	35.1*
1965	17.6	12.1	13.7	37.0	46.2	56.6	60.9	57.3	43.7	39.6	29.3	19.4	36.1
1966	9.4	11.4	26.5	32.3	44.7	56.1M	65.6	55.1M	49.4	34.4	26.2M	16.4M	35.6*
1967	18.1	17.9	26.7	35.0	41.9M	53.8	60.1	56.5	48.6	35.8M	22.2	13.0	35.8*
1968	12.8	21.1	26.4	31.1	42.3	56.8	60.1	57.5	45.6M	35.6	24.0	11.0	35.4*
1969	11.5	20.6	20.0M	37.3	48.7M	51.3M	61.3	61.2M	52.8	33.5	25.6		
1970	11.6	19.0	20.5	30.8	46.1	53.7	59.7	60.9	45.6	32.7M	24.1	13.7	34.9*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.0M	33.9M	35.6	45.5	59.4	62.7M	74.2	72.7	61.5	50.9	37.3	25.8	49.0*
1952	31.3M	34.2	33.1	50.8M	58.9M	75.4	77.0	76.1	67.0	51.9M	32.9M	25.2	51.2*
1953	36.3	32.5	44.2	44.8	57.7	73.3M	77.3	74.1	68.0	56.1	40.8	31.3	53.0*
1954	30.6	44.0	35.0	54.1	56.7	70.4	79.8	75.5	69.2	50.9	43.8M	33.3M	53.6*
1955	24.3	29.7		55.3	63.0	66.3	80.5M	79.0	67.0	55.5	35.8M	31.2	
1956	31.5M	28.3	42.3	47.0	62.7M	75.3	74.8	72.9	66.5	56.4M	37.2	35.8	52.6*
1957	21.9	35.1	37.4	44.9	56.9	68.0	77.9	75.7	62.6	51.0	37.5	37.3M	50.8*
1958	31.1M	31.7	27.8	46.5	64.6	69.0	72.2	75.6	66.6	53.5	39.6	28.1	50.5*
1959	28.9	29.4M	39.0	49.2	59.6	73.3	74.7	76.0	63.5	49.3	35.9	34.8	51.1*
1960	22.3M	22.4	34.5	53.7M	60.5M	69.3	76.6	75.6M	66.5	54.5	40.0	30.6	50.6*
1961	31.0	36.3M	40.8M	44.4	56.8	71.1	75.0	75.0	60.6	52.7	37.0M	27.8	50.7*
1962	23.1	32.8	36.1M	51.9	62.2	67.1M	72.8M	72.4M	61.1M	52.1M	38.9M	30.1M	50.1*
1963	15.4	36.4	40.7	50.9	59.6		79.3	75.1	68.2	60.6	41.6	26.5	
1964	31.9	30.0	34.3M	48.4M	62.3M	68.6	79.2	71.3	63.7M	52.8	39.4M	30.5M	51.0*
1965	33.5	28.6	28.2	53.3	61.3	67.7	74.5	71.8	56.8M	56.6	44.3	31.9	50.7*
1966	21.2	23.2	41.9	47.1	62.2	70.1M	78.9	69.5M	64.4	52.8M	41.0M	30.1M	50.2*
1967	33.2	34.3	43.5	51.3	54.5M	66.3	74.0M	72.3	64.9	53.8M	38.3	25.0	51.0*
1968	26.3	34.9M	43.4	47.6M	55.2	72.4M	74.8	72.6	63.3M	54.2M	38.6	25.0	50.7*
1969	23.6M	32.1	34.7M	53.2	62.7M	65.3M	76.7	75.6M	68.6	44.7	41.8		
1970	27.4	38.5	33.5	47.1	63.2	69.4	76.5	78.0	63.1	48.4M	39.7	30.5	51.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

KARVAL

05 4444 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)														
	SEAS				EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE				
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW														
JAN																	.20	.90	1960	14	1.9	6.	1962	9	.6	.1	0.0
FEB																	.22	.70	1960	14	.3	0.	0	0	.8	.1	0.0
MAR																	.45	.53	1963	11	2.3	3.	1951	16	1.8	.1	0.0
APR																	.81	.82	1970	18	1.3	0.	0	0	1.9	.4	0.0
MAY																	1.98	2.43	1957	16	0.0	0.	0	0	4.0	1.3	.4
JUN																	1.68	1.88	1957	12	0.0	0.	0	0	3.5	1.2	.3
JUL																	2.54	2.23	1967	12	0.0	0.	0	0	5.0	1.8	.6
AUG																	2.16	4.40	1965	19	0.0	0.	0	0	3.8	1.2	.5
SEP																	.75	1.10	1955	25	.1	0.	0	0	1.8	.5	.1
OCT																	.86	1.50	1954	11	.5	0.	0	0	1.8	.6	.2
NOV																	.31	.65	1962	17	1.3	5.	1961	13	.9	.1	0.0
DEC																	.18	.93	1960	11	0.0	4.	1961	11	.5	.1	0.0
ANNUAL																	12.1								26.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	0.00	.30	.73	.23	0.00	0.00	0.00	0.00	6.68
.10	0.00	0.00	0.00	0.00	.35	.44	.97	.39	0.00	0.00	0.00	0.00	7.58
.20	0.00	0.00	.20	.14	.70	.69	1.33	.69	.14	0.00	.07	0.00	8.79
.30	.04	0.00	.28	.27	1.01	.92	1.65	.99	.44	0.00	.13	0.00	9.74
.40	.08	.05	.34	.41	1.31	1.15	1.96	1.32	.48	.25	.18	0.00	10.60
.50	.13	.12	.41	.58	1.54	1.41	2.28	1.68	.63	.43	.24	.05	11.46
.60	.18	.20	.48	.77	2.01	1.69	3.05	2.11	.74	.65	.31	.16	12.35
.70	.25	.28	.57	1.01	2.46	2.04	3.84	2.64	.97	.85	.39	.23	13.36
.80	.34	.40	.67	1.35	3.06	2.51	4.60	3.37	1.22	1.18	.50	.33	14.61
.90	.50	.59	.84	1.91	4.03	3.26	6.45	4.57	1.61	2.07	.69	.49	16.47
.95	.66	.77	.99	2.47	4.96	3.98	8.25	5.75	1.98	2.65	.87	.64	18.11
ALPHA	1.19	1.44	3.24	1.19	1.89	1.99	3.18	1.41	2.08	1.48	1.53	1.27	11.30
BETA	.21	.23	.15	.76	1.10	.84	.80	1.53	.42	.23	.23	.21	1.04
Q	.21	.35	.10	.10	.05	0.00	0.00	0.00	.15	.20	.11	.32	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

KARVAL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.33	.11	.20	1.28	2.94	5.32	4.26	1.14	1.05	1.11	.70		
1952		.21	.23	2.37	1.43	.44	1.13	3.41	T	.10	1.05	.07	
1953	.09	.31	.61	1.80	3.55	.65	1.65	2.17	.13	1.22		.22	
1954	.20	.03	.26	.07	2.36	.22	1.84	3.13	.38	2.54	.07	.14	11.21
1955	.04	.06	T	T	2.75	.94	1.65	5.15	1.10	.00	.14	T	11.83
1956	.28	.06	.33	.18	1.68	.65	2.18	.95	T	.25	.42	.06	7.04
1957	.03	T	.22	3.38	4.15	3.26	4.17	2.39	.40	.62	.63	.00	19.25
1958	.15	.11	.41	1.09	4.24	1.01	2.84	.78	T	.64	.12	T	11.39
1959	.42	.68	.50	1.29	1.47	1.37	.48	1.54	1.75	1.70	.12	T	11.32
1960	1.08	1.27	.32	.84	2.21	.90	2.93	.12	1.69	2.38	.21	1.46	15.41
1961	.03	.55	1.08	.46	1.92	2.50	2.75	.81	1.35	.00	.46	.20	12.11
1962	.44	T	.43	.29	1.82	1.07	4.44	1.45	.33	.62	1.03	.06	11.98
1963	.07	T	1.40	.00	.15	2.08	1.00	5.72	1.23	.30	.17	.16	12.28
1964	T	.17	.71	.55	1.50	1.14	.58	.52	.22	.00	.18	T	5.57
1965	.10	.35	.53	.13	1.07	3.37	2.91	7.68	1.29	.80	.00	.32	18.55
1966	.25	.22	T	.13	.08	.62	3.43	1.74	1.82	.00	.00	.09	8.38
1967	.26	T	.21	.31	2.38	2.66	5.25	1.55	.44	.28	.11	.28	13.73
1968	T	.23	.30	.40	1.21	2.32	2.60	.60	.39	.33	.12	.21	8.71
1969	T	T	.73	.75	2.61	2.01	1.96	.53	.45	2.74	.12	.15	12.05
1970	T	T	.43	.97	T	.99	2.75	1.86	.92	1.66	.24	.00	5.82

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.0	2.0	3.0	T	.0	T	
51-52	T	.0	T	.0				1.0		.0	.0	.0	
52-53	.0	.0	.0	.0					.0		.0	.0	
53-54	.0							.0		.0		.0	
54-55	.0	.0	.0	.0						T	.0	.0	
55-56	.0	.0	.0	.0		T				.0	.0	.0	
56-57	.0	.0	.0	T				.0				.0	
57-58	.0	.0	.0	.0	.0	.0	.0				.0	.0	
58-59	.0	.0	.0	T		T				16.0	.0	.0	
59-60	.0	.0	2.0			.0				T	.0	.0	
60-61	.0	.0	.0							T		.0	
61-62	.0	.0	.0	.0	5.0			.0	.0		.0	.0	
62-63	.0	.0	.0	.0	.0	T		.0		.0	.0	.0	
63-64	.0	.0	.0				T				.0	.0	
64-65	.0	.0	.0	.0	4.0	.0	.0			.0	.0	.0	
65-66	.0	.0	.0	.0	.0				.0	1.0	T	.0	
66-67	.0	.0	.0	.0	.0			.0			.0	.0	
67-68	.0	.0	.0	.0	.0		.0			T	T	.0	
68-69	.0	.0	.0	.0			T	.0	7.0		.0	.0	
69-70	.0	.0	.0	T	1.0	T	.0	.0	4.0	.0	T	.0	5.0

CLIMATOLOGY REPORT NO. 77-1

KASSLER

05 4452 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	SEAS		EXTREMES						MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	47.0	17.0	32.0	74.	1956	5	-20.	1963	12	0.0	3.0	27.0	2.0	.54	.56	1962	8	9.4	12.	1962	9	2.1	.1	0.0
FEB	50.1	20.1	35.1	76.	1963	5	-20.	1951	1	0.0	2.1	25.0	1.8	.95	.93	1960	14	15.1	14.	1960	14	3.0	.2	0.0
MAR	53.0	23.7	38.4	80.	1963	28	-17.	1960	3	0.0	2.1	24.7	1.1	1.45	1.08	1953	30	18.9	12.	1960	2	4.7	.6	0.0
APR	63.5	33.8	48.7	84.	1960	21	-4.	1959	10	10.0	.3	12.6	.1	1.00	2.50	1967	13	11.4	17.	1957	2	3.9	1.1	.2
MAY	72.8	44.2	58.5	90.	1969	26	17.	1954	2	.3	0.0	1.9	0.0	2.97	2.93	1955	18	.5	3.	1954	1	4.9	1.9	.8
JUN	82.2	52.5	67.4	102.	1958	28	31.	1951	2	6.0	0.0	.1	0.0	1.73	2.13	1965	5	0.0	0.	0	0	4.4	.9	.2
JUL	87.8	59.2	73.5	101.	1954	11	44.	1952	7	13.7	0.0	0.0	0.0	1.77	1.24	1954	21	0.0	0.	0	0	4.5	.9	.2
AUG	85.8	58.1	71.9	100.	1969	8	41.	1960	17	9.0	0.0	0.0	0.0	1.41	1.91	1965	18	0.0	0.	0	0	3.0	.5	.2
SEP	79.2	49.3	64.2	96.	1960	4	27.	1965	17	2.3	0.0	.8	0.0	1.38	1.83	1961	3	1.0	7.	1959	29	3.4	1.1	.3
OCT	68.9	38.9	53.9	87.	1967	3	-4.	1969	13	0.0	.1	7.8	0.0	1.39	2.05	1960	18	5.1	11.	1969	4	3.2	.9	.2
NOV	56.1	26.6	41.4	78.	1958	10	-14.	1952	26	0.0	1.6	20.5	.4	.94	1.27	1970	13	10.2	10.	1961	12	2.5	.5	.1
DEC	49.2	20.3	34.8	75.	1955	24	-17.	1967	31	0.0	2.6	27.2	1.9	.63	.66	1960	4	8.7	13.	1960	6	1.9	.1	0.0
ANNUAL	66.4	37.0	51.7							32.	13.	148.	8.	17.0				80.				43.	9.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.26	.55	.35	.62	.19	.50	.45	.09	.06	.38	.08	10.34
.10	.20	.35	.68	.51	.79	.32	.66	.59	.18	.12	.46	.13	11.56
.20	.30	.49	.88	.79	1.33	.56	.92	.78	.35	.28	.59	.22	13.16
.30	.37	.61	1.04	1.04	1.72	.80	1.14	.95	.54	.46	.69	.31	14.60
.40	.44	.72	1.19	1.30	1.90	1.06	1.36	1.11	.75	.67	.78	.40	15.52
.50	.50	.84	1.35	1.50	2.03	1.35	1.54	1.26	1.00	.83	.88	.50	16.63
.60	.58	.98	1.52	1.70	2.30	1.54	1.73	1.46	1.24	1.04	.94	.60	17.74
.70	.66	1.14	1.72	1.90	2.59	1.71	1.93	1.68	1.47	1.24	1.04	.70	19.07
.80	.77	1.35	1.97	2.20	3.00	2.09	2.31	1.96	1.67	1.49	1.26	.80	20.65
.90	.94	1.67	2.35	3.62	5.60	3.64	3.11	2.39	2.09	2.07	1.49	1.28	23.00
.95	1.09	1.98	2.71	4.40	6.75	4.57	3.68	2.78	3.97	4.30	1.70	1.59	25.05
ALPHA	3.98	3.04	4.64	2.07	2.29	1.44	1.10	3.70	1.12	.91	5.19	1.63	14.26
BETA	.14	.31	.31	.91	1.30	1.20	1.57	.38	1.23	1.52	.1A	.38	1.19
0	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

KASSLER

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.84	1.25	1.82	2.20	2.10	1.81	2.49	1.90	.69	1.66	1.02	.62	18.40
1952	T	.47	1.77	3.49	3.84	.04	.93	.92	.18	.09	1.18	.45	13.36
1953	.47	1.16	1.51	1.86	2.92	1.16	2.08	.94	.10	.35	.51	1.51	14.57
1954	.35	.50	1.03	.95	1.12	.25	2.76	1.19	1.82	.14	.89	.58	11.58
1955	.22	1.02	1.25	1.27	6.27	1.45	2.48	3.35	.89	.46	.36	.18	19.29
1956	.44	.93	.99	.95	2.03	.35	1.36	1.60	.03	.58	.89	.56	10.71
1957	.40	.58	.96	4.10	5.46	2.28	1.47	.92	.93	2.22	1.14	.16	20.62
1958	.69	.69	1.59	2.29	3.19	1.94	2.86	.85	1.54	.56	.68	.40	17.28
1959	1.35	1.01	2.81	1.89	3.10	1.39	.60	.93	2.66	2.93	.71	.56	15.94
1960	.59	2.57	.83	1.48	2.70	.55	.53	.38	.50	3.33	.40	1.66	15.52
1961	.27	1.15	2.01	1.23	3.41	1.46	2.66	1.73	5.15	.84	1.41	.26	21.58
1962	1.17	1.00	.62	2.82	.73	1.97	.94	.64	.59	.05	.92	.26	11.71
1963	.71	.36	1.24	.04	.97	2.71	.51	2.39	1.59	.66	.74	.97	12.89
1964	.36	1.36	1.78	.93	2.33	1.25	.49	1.68	.87	.13	.99	.67	12.85
1965	.85	1.18	2.00	2.30	1.27	4.05	3.94	2.61	2.95	.42	.43	.64	22.64
1966	.30	1.27	.57	1.54	.62	1.65	1.84	1.09	1.67	1.95	.67	.12	13.29
1967	.72	.65	.58	3.70	4.22	4.06	2.45	1.32	1.56	1.91	1.25	1.41	23.83
1968	.48	1.28	1.00	2.45	1.66	.32	1.44	1.61	1.02	1.47	1.23	.49	14.45
1969	.31	.36	1.47	.64	9.64	3.51	1.76	1.64	.25	6.49	1.04	1.00	28.11
1970	.28	.12	3.26	1.38	1.92	2.37	1.76	.42	2.59	1.54	2.33	.03	17.90

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							11.2	11.5	18.6	12.0	.0	T	
51-52	T	.0	.0	T	12.0	7.6	T	6.6	17.9	5.0	T	.0	49.1
52-53	.0	T	.0	T	19.4	8.0	6.8	13.0	11.0	10.5		.0	
53-54	.0	.0	.0	.0	19.0	5.9	6.0	19.5	9.0	6.0		.0	
54-55	.0	.0	.0	T	4.0	7.0	3.3	16.8	17.0	17.0	.0	.0	65.1
55-56	.0	.0	.0	3.5	5.5	3.5	7.8	18.3	17.0	7.0	.0	.0	62.6
56-57	.0	.0	.0	.0	15.0	8.5	6.5	T	9.5	35.0	.0	.0	74.5
57-58	.0	.0	T	T	4.5	4.0	17.5	5.5	22.0	3.5	.0	.0	57.0
58-59	.0	.0	.0	T	7.5	4.2	18.0	18.0	29.0	25.0	T	.0	101.7
59-60	.0	.0	16.0	14.0	9.0	10.0	9.3	45.7	10.0	4.0	.0	.0	118.0
60-61	.0	.0	.0	.0	1.5	21.0	8.0	17.0	25.0			.0	
61-62	.0	.0	T	7.0	14.0	6.0	26.5	18.0	11.0	19.0	.0	.0	101.5
62-63	.0	.0	T	.0	9.5	6.5	13.0	6.5	20.0	.0	.0	.0	55.5
63-64	.0	.0	.0	.0	3.0		9.0	33.3	25.5	16.0	.0	.0	
64-65	.0	.0	.0	.0	17.0	12.5	12.0	26.8	32.8	2.0	.0	.0	103.1
65-66	.0	.0	.0	.0	5.0	11.0	7.0	23.5	8.0	11.0	2.0	.0	67.5
66-67	.0	.0	.0	14.0	10.0	2.0	15.0	13.0	10.5	15.0	T	.0	79.5
67-68	.0	.0	.0	.0	13.0		1.0	15.0	4.0	13.0	.0	.0	
68-69	.0	.0	.0	.0	15.0	14.5	7.0	4.5	26.0	.0	.0	.0	67.0
69-70	.0	.0	.0	63.0	16.5		3.7	2.5	43.0	13.3	1.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	44.4	51.2	52.8	60.9	73.4	75.4	88.9	85.1	80.8	66.7	56.1	45.9	65.1
1952	50.8	52.6	49.9	63.4	72.2	89.4	88.1	87.0	82.8	73.4	50.5	49.5	67.5
1953	57.5	51.1	61.5	59.6	68.5	85.8	88.1	85.4	83.1	70.9	60.2	46.5	68.2
1954	53.6	64.6	52.3	73.4	72.5	87.5	90.9	87.6	81.7	71.4	61.6	52.5	70.8
1955	45.2	45.6	55.2	67.5	74.2	79.8	91.3	86.5	80.9	73.3	53.5	53.1	67.2
1956	51.9	43.8	57.8	63.9	77.3	89.6	88.0	85.3	85.0	74.5	53.7	51.9	68.6
1957	43.5	59.7	56.5	58.1	68.2	83.5	88.4	88.3	79.2	65.6	53.0	57.1	66.8
1958	48.9	55.5	47.0	59.5	75.4	85.5	84.3	86.9	79.7	71.0	59.6	51.4	67.1
1959	48.4	46.6	53.0	61.8	70.5	85.3	87.1	87.0	77.2	62.6	57.3	50.8	65.6
1960	42.4	37.3	51.4	65.2	72.1	84.4	86.6	88.6	80.7	67.5	57.4	46.3	65.1
1961	50.3	51.8	52.4	61.5	68.7	79.9	84.7	83.8	71.0	67.2	49.4	42.8	63.6
1962	39.3	47.6	51.0	66.0	74.9	80.0	86.6	87.4	78.9	72.0	59.6	53.0	66.4
1963	38.5	53.3	53.9	66.7	77.9	84.7	90.5	83.0	82.0	73.9	59.3	45.5	67.4
1964	46.8	41.6	48.0	62.6	74.5	79.7	90.9	85.2	78.7	70.8	54.6	47.9	65.1
1965	51.3	45.4	43.0	65.1	71.9	77.5	85.3	82.4	69.4	72.6	61.5	51.8	64.8
1966	45.6	45.5	61.3	62.0	77.4	82.6	91.0	84.7	79.3	69.4	58.8	48.5	67.2
1967	52.0	52.0	61.5	65.1	68.2	74.6	85.5	83.1	79.0	69.9	56.1	43.3	65.9
1968	49.5	49.9	57.9	58.9	69.7	84.7	86.2	83.3	78.0	70.4	50.5	47.1	65.5
1969	51.2	50.9	46.0	68.4	72.9	73.6	87.5	87.7	79.7	53.5	54.8	46.6	64.4
1970	45.2	56.0	48.2	58.8	74.7	80.8	86.9	87.5	76.2	61.6	53.8	51.6	65.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.1	20.7	23.5	32.4	44.6	48.2	58.0	57.4	46.9	36.6	24.8	17.2	35.5
1952	22.1	23.0	21.8	35.2	45.2	57.0	60.5	58.9	52.4	39.5	20.9	22.9	38.3
1953	27.2	20.3	29.8	31.1	40.4	55.9	61.1	58.0	52.1	42.5	32.4	20.6	39.3
1954	21.8	30.8	22.3	39.0	43.5	52.9	62.9	59.4	53.3	39.5	33.1	22.7	40.1
1955	16.3	14.0	23.4	35.0	46.0	49.5	60.0	59.6	50.7	40.2	22.6	22.7	36.7
1956	19.9	12.6	25.3	33.5	47.0	58.2	58.1	57.7	50.3	41.5	24.5	25.4	37.8
1957	14.1	26.9	25.9	30.6	42.5	50.6	60.4	59.7	47.6	39.9	26.3	25.0	37.5
1958	20.1	25.7	21.0	32.2	48.9	52.8	55.9	59.5	50.3	40.5	26.8	23.2	38.1
1959	16.4	17.4	23.4	32.5	44.0	55.8	57.4	58.7	46.8	35.4	24.1M	22.3M	36.2*
1960	13.4	11.7	24.1	36.1	43.5	52.5	57.7	56.9	50.0	40.1	25.4	17.6	35.8
1961	19.7	22.3	26.2	33.0	43.6	53.5	57.5	58.8	44.0	37.6	23.9	15.4	36.3
1962	8.8	18.9	22.6	37.7	44.1	50.4	55.2	56.9	48.7	38.9	30.4	22.0	36.2
1963	6.6	24.8	24.3	35.6	45.7	54.3	61.0	58.8	53.5	46.4	29.5	17.3	38.2
1964	18.7	14.6	19.9	32.6	44.4	51.2	61.4	56.2	47.6	38.3	28.6	21.1	36.2
1965	23.5	15.3	14.8	36.1	43.6	50.9	57.9	56.1	42.8	42.1	30.4	24.6	36.5
1966	16.1	16.1	27.4	32.2	45.8	52.4	61.5	56.7	51.3	35.5	27.3	17.5	36.7
1967	18.9	20.2	30.1	32.2	40.2	50.0	59.2	56.5	49.2	39.9	24.4	13.1	36.2
1968	17.8	22.9	27.6	30.5	40.1	53.5	58.4	55.7	48.7	39.5	24.4	16.0	36.3
1969	20.6	20.9	18.2	38.3	46.7	49.2	60.8	59.5	53.0	30.3	26.1	21.1	37.1
1970	17.2	23.9	21.5	30.3	45.2	52.1	59.1	60.3	46.3	33.8	26.3	18.9	36.2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	30.3	36.0	38.2	46.7	59.0	61.8	73.5	71.3	63.9	51.7	40.5	31.6	50.4
1952	36.5	37.8	35.9	49.6	58.7	73.2	74.3	73.0	67.6	56.5	35.7	36.2	52.9
1953	42.4	35.7	45.7	45.4	54.5	70.9	74.6	71.7	67.6	56.7	46.3	33.6	53.8
1954	37.7	47.7	37.3	56.2	58.0	70.2	76.9	73.5	67.5	55.5	47.4	37.8	55.5
1955	30.8	29.8	39.3	51.5	60.1	64.7	75.7	73.1	65.8	56.6	38.1	37.9	52.0
1956	35.9	28.2	41.6	48.7	62.2	73.9	73.1	71.5	67.7	58.0	39.1	38.7	53.2
1957	28.8	43.3	41.2	44.4	55.4	67.1	74.4	74.0	63.4	52.8	39.7	41.1	52.1
1958	34.5	40.6	34.0	45.9	62.2	69.2	70.1	73.2	65.0	55.8	43.2	37.3	52.6
1959	32.4	32.0	38.2	47.2	57.3	70.6	72.3	72.9	62.0	49.0	40.7M	36.6M	50.9*
1960	27.9	24.5	37.8	51.2	57.8	68.5	72.2	72.8	65.4	53.8	41.4	32.0	50.4
1961	35.0	37.1	39.3	47.3	56.2	66.7	71.1	71.3	57.5	52.4	36.7	29.1	50.0
1962	24.1	33.3	36.8	51.9	59.5	65.2	70.9	72.2	63.8	55.5	45.0	37.5	51.3
1963	22.6	39.1	39.1	51.2	61.8	69.5	75.8	70.9	67.8	60.2	44.4	31.4	52.8
1964	32.8	28.1	34.0	47.6	59.5	65.5	76.2	70.7	63.2	54.6	41.6	34.5	50.7
1965	37.4	30.4	28.9	50.6	57.8	64.2	71.6	69.3	56.1	57.4	46.0	38.2	50.7
1966	20.9	30.8	44.4	47.1	61.6	67.5	76.3	70.7	65.3	52.5	43.1	33.0	51.9
1967	35.5	36.1	45.8	48.7	54.2	62.3	72.4	69.8	64.1	54.9	40.3	28.2	51.0
1968	33.7	36.4	42.8	44.7	54.9	69.1	72.3	69.5	63.4	55.0	37.5	31.6	50.9
1969	35.9	35.9	32.1	53.4	59.8	61.4	74.2	73.6	66.4	41.9	40.5	33.9	50.8
1970	31.2	40.0	34.9	44.6	60.0	66.5	73.0	73.9	61.3	47.7	40.1	35.3	50.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

KAUFFMAN 4SSE

05 4460 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN	41.3	11.9	26.6	68.	1953	12	-30.	1959	4	0.0	7.4	30.4	5.4	.21	.86	1960	1	5.7	10.	1962	8	.7	.1	0.0	
FEB	44.1	15.3	29.7	76.	1954	8	-24.	1951	1	0.0	5.2	27.2	2.7	.22	.30	1958	16	3.4	5.	1965	10	.7	0.0	0.0	
MAR	48.7	18.1	33.4	83.	1963	28	-24.	1960	3	0.0	4.2	28.8	2.1	.64	.60	1961	3	9.9	7.	1963	3	2.0	.2	0.0	
APR	60.6	28.4	44.5	85.	1954	23	0.	1959	10	0.0	.5	20.7	0.0	1.13	1.68	1957	2	6.4	8.	1957	2	2.8	.7	.2	
MAY	70.5	39.6	55.1	94.	1954	20	20.	1967	1	.9	0.0	5.1	0.0	2.65	2.37	1955	16	.8	0.	0	0	6.0	1.6	.6	
JUN	80.0	47.4	63.8	105.	1954	23	27.	1969	2	5.5	0.0	.2	0.0	2.56	1.80	1962	28	0.0	0.	0	0	6.1	1.5	.4	
JUL	87.5	53.1	70.3	105.	1954	11	33.	1959	1	13.3	0.0	0.0	0.0	2.21	1.32	1962	30	0.0	0.	0	0	5.9	1.4	.3	
AUG	86.1	51.4	68.8	103.	1954	3	28.	1964	30	10.5	0.0	.2	0.0	1.44	2.80	1963	3	0.0	0.	0	0	3.7	.7	.2	
SEP	77.5	41.7	59.5	97.	1959	8	18.	1959	30	2.7	0.0	3.4	0.0	1.08	1.25	1951	8	0.0	0.	0	0	2.8	.8	.1	
OCT	65.7	32.2	48.8	91.	1956	7	9.	1952	6	0.0	.1	15.2	0.0	.74	1.00	1965	18	1.9	3.	1959	1	1.8	.4	.1	
NOV	51.0	20.8	35.9	75.	1965	2	-12.	1959	14	0.0	3.0	27.6	1.0	.38	.64	1955	11	4.7	8.	1955	12	.9	.1	0.0	
DEC	42.9	15.3	29.1	70.	1959	3	-22.	1964	17	0.0	5.9	30.5	2.2	.26	.45	1952	13	4.2	5.	1958	13	1.1	0.0	0.0	
ANNUAL	63.1	31.3	47.2							33.	26.	189.	13.	13.5				35.				34.	8.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.21	1.96	1.92	.66	.21	0.00	0.00	0.00	0.00	8.27
.10	0.00	0.00	0.00	.31	1.21	1.16	.87	.33	0.00	.08	0.00	0.00	9.20
.20	.02	.05	.10	.48	1.57	1.50	1.19	.54	.20	.19	.08	.08	10.42
.30	.06	.08	.13	.63	1.87	1.80	1.46	.74	.43	.30	.14	.13	11.36
.40	.10	.12	.18	.79	2.16	2.07	1.72	.94	.63	.42	.21	.17	12.21
.50	.14	.16	.23	.95	2.45	2.36	2.00	1.17	.85	.56	.28	.22	13.05
.60	.18	.21	.29	1.14	2.77	2.67	2.30	1.44	1.10	.71	.37	.27	13.91
.70	.27	.31	.42	1.37	3.14	3.03	2.65	1.76	1.39	.91	.47	.33	14.80
.80	.36	.43	.57	1.67	3.52	3.40	3.11	2.19	1.74	.99	.62	.41	16.08
.90	.53	.64	.82	2.16	4.35	4.21	3.91	2.90	2.42	1.63	.96	.64	17.84
.95	.69	.83	1.05	2.62	5.02	4.87	4.50	3.58	3.03	2.07	1.10	.66	19.38
ALPHA	1.11	1.37	1.53	2.11	4.37	4.29	3.35	1.72	1.70	1.33	1.37	2.09	15.37
BETA	.23	.18	.18	.53	.61	.60	.66	.83	.75	.58	.31	.14	.87
Q	.15	.10	.15	0.00	0.00	0.00	0.00	0.00	.15	.05	.11	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.20	.17	.00	1.48	.79	3.12	3.00	2.29	2.68	2.28		.39	
1952	.00	.17	.63	1.26	3.23	2.29	.38	1.92	.70	.14	.77	.50	11.99
1953	.25	.79	.46	1.43	1.26	2.30	2.18	1.43	.20	.11	.62	.25	11.28
1954	.16	T	1.14	.29	2.61	1.24	1.60	.81	.00	.78	.42	.20	5.25
1955	.44	.460	.30	1.20	4.23	1.65	2.06	2.12	1.75	.39	1.25	.05	15.90*
1956	.22	.10	.14	.51	1.22	1.40	1.44	1.05	.00	.00	1.21	.48	7.77
1957	.02	.06	.84	2.91	4.39	3.31	2.45	2.34	.26	1.32	.31	T	18.21
1958	.00	.61	1.30	2.07	2.98	2.37	3.44	1.24	.66	.24	.16	.83	15.90
1959	.38	.40	2.08	.72	2.78	1.10	1.12	.56	1.62	1.25	.05	.00	12.06
1960	1.00	.19	.30	.82	3.91	1.26	2.40	.28	.89	1.54	.26	.14	12.99
1961	.04	.10	2.27	.24	2.66	2.70	3.54	1.42	2.15	.05	.55	.14	15.86
1962	.48	.18	T	.21	4.55	4.84	5.86	.36	.65	.40	.57	.11	18.21
1963	.12	.02	.56	.61	1.55	1.67	1.75	5.53	2.51	.32	.10	.61	15.35
1964	T	.13	.68	1.42	2.37	1.58	.61	.22	.13	.65	.04	.08	7.51
1965	.55	.27	.57	.56	3.90	3.98	2.65	1.63	2.30	1.03	.00	.25	17.69
1966	.10	.00	T	.60	1.00	3.83	2.26	2.07	2.31	.69	.23	.09	13.18
1967	.11	.33	.08	3.05	3.26	5.34	2.26	1.17	.46	.52	.12	.36	16.76
1968	.02	.46	.31	.60	2.95	.90	2.62	1.44	.00	.62	.31	.23	10.46
1969	.04	.13	.15	.85	2.13	3.20	1.55	.70	1.08	2.20	.20	.14	12.37
1970	.16	.08E	.96	1.67	1.25	3.05	1.05	.20	1.23	.20	T	.34	10.19*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.8	2.0	.0	8.0	T	T	
51-52	T	.0	T	7.5		4.5	.0	4.5	15.5	.5	T	T	
52-53	T	T	.0	2.0	10.0	6.5	2.0	10.5	3.0	12.7	T	T	46.7
53-54	T	T	.0	.0	7.0	6.0	3.5	T	17.9	2.0	2.0	T	38.4
54-55	.0	.0	.0	.0	4.0	4.5	7.0		8.0	12.0		.0	
55-56	T	T	T	.0	12.0	1.0	5.2	2.0	3.5	T	.0	.0	23.7
56-57	.0	.0	.0	.0	16.5	4.0	.5	T	10.0	17.5	4.0	.0	52.5
57-58	.0	.0	.0	.0	7.5	T	.0	8.0	22.5	22.0	.0	.0	60.0
58-59	.0	.0	.0	.0	3.5	11.0	8.5	8.0	18.0	9.0	.0	.0	58.0
59-60	.0	.0	T	13.0	1.0	.0	6.5	4.5	7.0	3.0	T	.0	35.0
60-61	.0	.0	.0	T	3.5	3.0	1.0	2.0	28.5	3.0	4.0	.0	45.0
61-62	.0	.0	.0	1.0	5.0	4.5	12.0	3.5	.0	.0	.0	.0	26.0
62-63	.0	.0	.0	.0	2.0	2.0	4.0	1.0	7.0	2.0	.0	.0	18.0
63-64	.0	.0	.0	.0	1.0	10.5	T	3.0	12.5	8.0	.0	.0	
64-65	.0	.0	.0	.0	1.0	.0	9.0	7.0	12.5	3.0	.0	.0	32.5
65-66	.0	.0	T	.0	.0	3.0	2.6	.0	T	4.0	.0	.0	9.6
66-67	.0	.0	.0	2.0	5.5	3.0	3.0	1.0	2.5	2.0	2.0	.0	21.0
67-68	.0	.0	.0	.0	4.0	5.0	.1	3.0	8.5	3.0	2.0	.0	25.6
68-69	.0	.0	.0	.0	3.0	6.0	2.0	2.0	4.0	.0	.0	.0	17.0
69-70	.0	.0	.0	10.0	2.0	3.0	3.0		18.0	16.0	.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.5	44.1	47.9	54.2	68.9	69.1	82.3	80.8	71.8	57.1	48.0M	33.9	58.1*
1952	38.3	42.2		62.7	69.0	87.3	89.1	87.5	82.1	68.9	45.6	40.0	
1953	50.6	43.7M	56.6	54.4	66.9	83.3	88.5	84.3	83.0	70.0	55.2	43.6	65.0*
1954	45.1	58.1	46.5M	69.4	68.2	84.9	92.4	89.4M	81.8	64.3	57.0	46.4	67.0*
1955	35.2	36.9M	47.7	64.0	71.8	75.0	89.6	87.4	78.7	68.6	42.0	42.1	61.6*
1956	42.7	39.3	54.2	59.7	73.0	89.3	87.7M	84.4	83.4	72.5	48.8M	46.3	65.1*
1957	35.1	52.4	48.7	52.4	64.2	78.0	87.6	85.3	76.2	61.1	45.4	52.1	61.5
1958	46.3	44.9	38.7	55.4	74.6M	80.5	81.8	89.3M	79.5	68.6	53.4	42.4	63.0*
1959	41.5	36.7	47.7M	59.2	67.3	84.7	88.4	90.3	74.3	63.7M	48.3M	49.2	62.6*
1960	38.1	34.0	48.4	64.7M	70.6	81.5	87.5	89.3	79.7	66.7	52.9	43.0	63.0*
1961	47.2	49.5	47.7	57.9	67.5	80.5	85.3	85.6M	70.0	64.5	47.8	38.0	61.8*
1962	32.6M	43.0	47.6	66.0	74.9	77.3	82.9	87.4	77.2	68.4	55.4	47.5	63.4*
1963	32.5	49.6	52.2	64.2	75.7	84.6	91.7	83.0	79.5	72.5	56.3	39.9	65.1
1964	42.5	40.7	45.3	59.6	73.2	79.4	92.8	86.1	79.2	68.3	51.2	43.1	63.5
1965	46.9	42.3	38.3	64.7	71.3	75.4	85.9	83.3	65.4	69.4	56.0	46.5	62.1
1966	38.0	40.3	57.3	59.5	76.1	80.1	90.0	83.5	76.1	64.9	52.2	40.9	63.2
1967	45.3	48.0	57.9	64.3	64.8	73.5	84.0	83.4	77.5	68.3	52.2	36.1	62.9
1968	43.8	46.6	54.5	58.4	65.0	83.1	85.9	81.7	78.4	67.8	48.6	39.3	62.8
1969	42.7	45.6	44.2	66.4	73.1	73.2	88.9	88.8	80.1	49.6	51.7	43.2	62.3
1970	41.9		43.9	55.0	74.2M	80.1	88.7	90.5	75.8	59.2	52.1	44.0	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.3	16.2	15.4	25.6	40.7	43.7	52.7	52.6	41.7	32.3	19.9M	12.5	30.4*
1952	13.8	17.1	17.9	29.6	40.2	50.5	51.8	53.7	42.2	29.5	17.0	18.3	31.8
1953	20.9	15.1M	21.0	25.9	37.9	50.3	56.3	53.1	43.0	34.3	26.3	16.2	33.4*
1954	15.8	24.0	16.7M	33.2	38.6	46.8	55.5	49.4M	43.4	29.4	21.3	15.9	32.5*
1955	7.5	8.0M	13.1	26.8	39.4	46.3	52.4	52.3	40.3	29.3	13.4	12.8	28.5*
1956	10.9	6.7	14.8	19.0	35.4	43.0	47.4M	41.7			22.2M	21.0	
1957	6.4	19.3	20.3	29.1	40.1	46.7	52.4	52.6	38.0	34.2	19.3	19.5	31.5
1958	14.1	17.3	16.6	29.2	43.5M	47.9	50.9	52.9M	42.5	32.9	19.3	17.2	32.0*
1959	10.7	11.7	18.3M	26.3	38.9	47.1	47.6	51.1	37.0	26.6	15.1	18.0	29.0*
1960	11.2	11.0	20.5	30.0M	37.7	47.4	50.4	51.2	43.2	34.0	21.4	15.7	31.1*
1961	14.1	18.2	21.9	28.3	39.4	48.9	51.3	52.3M	38.8	32.5	19.4	11.7	31.4*
1962	4.8M	15.4	17.9	31.0	41.3	46.4	51.0	49.2	41.5	34.4	24.6	18.1	31.3*
1963	2.1	21.3	21.9	29.9	40.8	49.3	55.2	53.5	47.2	36.5	21.4	10.1	32.4
1964	14.1	11.0	12.0	29.6	39.8	46.3	54.7	48.7	38.4	30.3	20.2	13.2	29.9
1965	15.8	11.4	8.7	32.8	40.8	49.7	55.2	52.2	39.5	36.6	26.0	19.5	32.4
1966	7.4	13.5	22.9	26.7	39.3	48.3	58.4	50.5	45.4	31.9	23.1	13.6	31.8
1967	17.6	18.1	23.3	29.7	37.8	48.1	53.5	49.8	42.6	32.6	19.0	9.8	31.8
1968	12.4	18.6	23.3	25.6	37.3	49.2	53.9	50.4	40.0	34.7	19.9	10.7	31.3
1969	12.6	16.6	16.2	32.8	43.0	46.4	56.2	56.0	46.7	29.2	24.6	18.3	33.2
1970	14.4		19.1	26.8	40.6M	46.5	54.9	55.2	41.0	29.7	22.3	13.4	

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.4	30.2	31.7	39.9	54.8	56.4	67.5	66.7	56.8	44.7	34.0M	23.2	44.3*
1952	26.1	29.7		46.2	54.6	68.9	70.5	70.6	62.2	49.2	31.3	29.2	
1953	35.8	29.4M	38.8	40.2	52.4	66.8	72.4	68.7	63.0	52.2	40.8	29.9	49.2*
1954	30.5	41.1	31.6M	51.3	53.4	65.9	74.0	69.4M	62.6	46.9	39.2	31.2	48.8*
1955	21.4	22.5M	30.4	45.4	55.6	60.7	71.0	69.9	59.5	49.0	27.7	27.5	45.1*
1956	28.8	23.0	34.5	39.4	54.2	66.2	67.6M	63.1			35.5M	33.7	
1957	20.8	35.9	34.5	40.8	52.2	62.4	70.0	69.0	57.1	47.7	32.4	35.8	46.6
1958	30.2	31.1	27.7	42.3	55.1M	64.2	66.4	71.1M	61.0	50.8	36.4	29.8	47.5*
1959	26.1	24.2	33.0M	42.8	53.1	65.9	68.0	70.7	55.7	45.2M	31.7M	33.6	45.8*
1960	24.7	22.5	34.5	47.4M	54.2	64.5	69.0	70.3	61.5	50.4	37.2	29.4	47.1*
1961	30.7	33.9	34.8	43.1	53.5	64.7	68.3	69.0M	54.4	48.5	33.6	24.9	46.6*
1962	18.7M	29.2	32.8	48.5	58.1	61.9	67.0	68.3	59.4	51.4	40.0	32.8	47.3*
1963	17.3	35.5	37.1	47.1	58.3	67.0	73.5	68.3	63.4	54.5	38.5	25.0	48.8
1964	28.3	25.9	28.7	44.6	56.5	62.9	73.8	67.4	58.8	49.3	35.7	28.2	46.7
1965	31.4	26.9	23.5	48.8	56.1	62.6	70.6	67.8	52.5	53.0	41.0	33.0	47.3
1966	22.7	26.9	40.1	43.1	57.7	64.2	74.2	67.0	60.8	48.4	37.7	27.3	47.5
1967	31.5	33.1	40.6	47.0	51.3	60.8	68.8	66.6	60.1	50.5	35.6	23.0	47.4
1968	28.1	32.6	38.9	42.0	51.2	66.2	69.9	66.1	59.2	51.3	34.3	25.0	47.1
1969	27.7	31.1	30.2	49.6	58.1	59.8	72.6	72.4	63.4	35.4	38.2	30.8	47.8
1970	28.2		31.5	40.9	57.4M	63.3	71.8	72.9	58.4	44.5	37.2	28.7	

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

KIT CARSON

05 4603 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	44.6	11.3	28.0	77.	1956	5	-24.	1962	11	0.0	5.3	30.8	4.8	.24	.45	1951	13	3.5	9.	1960	22	.9	0.0	0.0
FEB	49.3	16.6	33.0	83.	1962	11	-22.	1960	28	0.0	3.3	27.6	1.6	.26	.34	1952	24	3.5	13.	1960	29	.9	0.0	0.0
MAR	54.4	21.1	37.8	87.	1963	28	-20.	1960	3	0.0	2.3	28.1	.8	.56	.80	1952	21	5.5	17.	1960	3	1.8	.1	0.0
APR	66.6	33.1	49.9	89.	1967	29	11.	1959	10	0.0	0.0	13.3	0.0	1.04	1.60	1953	24	2.3	6.	1964	4	2.2	.5	0.0
MAY	76.8	44.1	60.5	99.	1967	24	19.	1967	1	3.3	0.0	1.9	0.0	2.17	2.50	1962	16	.2	3.	1954	1	4.7	1.2	.5
JUN.	86.9	55.7	70.3	109.	1954	20	32.	1954	3	14.1	0.0	.1	0.0	1.92	2.14	1961	2	0.0	0.	0	0	4.0	1.4	.3
JUL	92.5	59.7	76.1	107.	1964	6	37.	1952	8	21.8	0.0	0.0	0.0	2.19	1.25	1961	8	0.0	0.	0	0	5.3	1.7	.5
AUG	90.4	57.1	73.0	106.	1969	8	39.	1964	27	18.0	0.0	0.0	0.0	2.31	5.45	1965	19	0.0	0.	0	0	4.1	.9	.4
SEP	82.6	47.2	64.8	101.	1960	2	27.	1970	26	8.1	0.0	.6	0.0	1.30	1.85	1965	20	.1	0.	0	0	3.4	.8	.3
OCT	71.7	34.7	53.2	93.	1967	3	12.	1957	27	.9	0.0	12.9	0.0	.93	1.41	1965	17	.8	4.	1969	12	1.7	.5	.3
NOV	55.8	22.1	39.0	81.	1958	10	-11.	1955	16	0.0	1.5	27.2	.6	.38	.45	1951	5	3.3	7.	1953	20	1.2	0.0	0.0
DEC	47.2	14.1	30.7	78.	1955	24	-20.	1961	13	0.0	5.9	30.8	2.1	.27	.49	1965	14	3.7	10.	1965	18	.9	0.0	0.0
ANNUAL	68.0	34.2	51.1							66.	16.	173.	10.	13.6				23.				31.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.64	.23	.51	.25	.19	0.00	0.00	0.00	7.10
.10	0.00	0.00	0.00	.17	.85	.33	.72	.42	.30	.03	0.00	0.00	8.18
.20	0.00	.04	.15	.35	1.16	.65	.74	.57	.44	.13	.11	.04	9.63
.30	0.00	.09	.25	.51	1.43	.95	1.03	.67	.54	.26	.18	.08	10.78
.40	.16	.19	.35	.65	1.69	1.11	1.16	.74	.66	.31	.25	.13	11.83
.50	.22	.26	.45	.85	1.95	1.32	1.32	.86	.74	.39	.31	.18	12.97
.60	.28	.33	.55	1.09	2.25	1.53	1.53	.96	.86	.48	.39	.25	13.97
.70	.34	.39	.70	1.30	2.59	1.80	1.80	1.07	1.00	.59	.48	.33	15.22
.80	.42	.44	.89	1.63	3.06	2.06	2.06	1.20	1.11	.81	.60	.45	16.77
.90	.54	.61	1.19	2.17	3.77	2.98	3.18	1.40	1.30	1.04	.80	.65	18.09
.95	.65	.78	1.46	2.58	4.43	3.96	4.81	1.62	1.52	1.11	.98	.85	21.15
ALPHA	3.30	1.40	1.76	1.76	3.30	1.53	2.55	1.43	1.74	.87	1.87	1.07	9.51
BETA	.10	.22	.35	.63	.66	1.25	.86	1.67	.75	1.13	.22	.78	1.40
Q	.30	.15	.10	.05	0.00	0.00	0.00	0.00	0.00	.05	.10	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

KIT CARSON

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.59	.40	T	1.20	2.27	5.55	.80	1.56	1.54	.77	.67	.33	15.68
1952	.12	.39	1.42	2.47	1.67	.08	.31	5.73	.88	.09	.59	.07D	13.82*
1953	.19	.04	.37	2.66	1.94	.44	2.43	4.77	.48		1.45	.88	
1954	.25	T	.13	.21	1.34	.79	1.66	3.93	.19	2.51	.14	.15	11.30
1955	.09	.26	.10	1.02	1.66	1.09	.29	.53	.39	.05	.10D	.12D	5.70*
1956	.47	.26	.39	.08	1.32	.58D	2.13D	.49	.20	.31	.48D	.12	6.84*
1957	.16	.03	.85	2.06	3.28	2.45D	1.29	2.11	.70	.46	.72	.08	14.19*
1958	.38	.18	1.05	1.13	3.30	2.35	3.13D	.49D	1.23	.82	.29	.07	14.42*
1959	.44	.41	.13	1.09	1.81	2.21	1.53	3.13	1.30	2.53D	.19D	.03	14.80*
1960	.70	1.02	.30	2.22	1.02	2.16	1.77	.15	1.27D	2.10	.25	1.13	14.09*
1961	T	.50	.89	.40	2.27	2.75	3.48	.93	1.36	.30	.55	.17	14.60
1962	.38	.12	.67	.40	4.04	2.48				.20	.65	.08	
1963	.32	.02	.98	T	1.79	.60	3.53	2.23	2.32	.14	.35	.29D	12.57*
1964	T	.40	.15	.82	2.63	.39	1.62	.70	.84	.00	.30D	T	7.85*
1965	T	.33	.36	.24	1.84	4.71	3.00	7.59	4.04	1.50	T	1.11	24.72
1966	.52	.43	T	.96	.20	.76	2.74	1.81	1.76	.37	T	.15	9.70
1967	.21	T	.20	.59	4.94	2.76	3.07	2.44	2.01	.29	.13	.28	16.92
1968	T	.34	.81	.81	1.97	1.33	5.21	2.29	.21	.08	.37	.28	13.70
1969	T	.11	1.17	1.58	1.87	2.57	1.48	1.93	2.69	2.85	.22	.06	18.53
1970	T	T	1.14	.96	1.25	2.32	2.06	1.12	1.38	2.30	.05	.00	12.58

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.6	4.0	T	2.0	.0	T	
51-52	.0	.0	.0	T	6.3	5.6	2.0	4.1	9.5	2.7	.0	.0	30.2
52-53	.0	.0	.0	.6	7.9		2.0	.5	2.0	6.0	.0	.0	
53-54	.0	T	.0	.0	10.0	8.4	3.2	T	2.5	.0	3.5	.0	27.6
54-55	.0	.0	.0	.8	1.3	2.0	1.6	3.6	2.5	.0	.0	.0	11.8
55-56	.0	.0	.0	T			7.5	3.1	5.4	.0	.0	.0	
56-57	.0	.0	.0	.0		1.0	3.3	.5	4.2	1.3	.0	.0	
57-58	.0	.0	.0	.4	3.5	.3	4.6	2.7	9.5	6.5	.0	.0	27.5
58-59	.0	.0	.0	.0		.5	5.8	4.7		8.0	.0	.0	
59-60	.0	.0	2.0			1.0	10.3	14.6	6.4	T	.0	.0	
60-61	.0	.0	.0	.0	2.5	9.2	T	7.6	4.2	.7	.0	.0	24.2
61-62	.0	.0	.0	.0		3.1	6.5	1.6	2.6	.0	.0	.0	
62-63	.0			.0	4.7		2.7	T	9.5	.0	.0	.0	
63-64	.0	.0	.0	.0			T	4.0		8.0	.0	.0	
64-65	.0	.0	.0	.0	3.0	T	T		7.1	.0	.0	.0	
65-66	.0	.0	.0	.0	T	17.5	9.0	12.0	T	5.0	T	.0	43.5
66-67	.0	.0	.0	T	T	2.5	3.5	T	2.0	T	.0	.0	8.0
67-68	.0	.0	.0	T	1.5	4.5	.0	3.5	5.3	T	1.1	.0	15.9
68-69	.0	.0	.0	.0	1.0	3.0	T	.9	14.6	.0	.0	.0	19.5
69-70	.0	.0	.0	8.0	4.0	T	T	T	11.8	5.8	T	.0	29.6

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.2	52.4	55.0	62.4	75.5	77.5	89.4	89.9	80.1M	68.8	53.1	46.0M	65.9*
1952	49.7	51.7	50.4M	65.0	75.9	95.5M	95.9	91.8M	85.3M	72.7	50.1		
1953		51.4	62.2	61.3M	71.6M	91.7M	92.4	87.4	86.7	75.0M		39.8M	49.8M
1954	44.1M	60.6	52.8	73.9M	71.4	93.2		90.3M	88.3	69.9M			
1955	43.1M	45.1	58.7	69.6	76.6	82.0	97.4M	92.8M	83.6	75.9		50.6M	
1956	47.2	43.7	59.2M	65.2M	80.5			90.6	87.7	76.3		51.3	
1957	38.6	52.9M	52.3	60.3M	65.7		94.4M	90.6	82.3M	65.5	49.8	55.5	
1958	48.1	47.2	40.0	61.0	75.0M	86.8	86.9M		84.6	72.4	57.8M	47.4	
1959	46.3	44.2	57.5	65.6M	74.7M	90.3	90.8M		79.0M	67.3M		51.1M	
1960	39.8	31.9M	47.6	69.1M	75.8	85.5	89.9	93.1M				42.6	
1961	46.2	51.1	54.3M	62.8M	74.8	85.2M	89.0M	88.2M	75.8	73.9M		41.3M	
1962	38.1	52.6	55.4	70.2	83.3M	82.4M	90.1M			74.9	58.8	54.8M	
1963	37.7	55.7	59.0	71.1M		90.5M	93.7M	89.7M	84.8	79.2M	60.9M	40.8	
1964	48.2	43.1M	52.9M	63.8M	78.7	84.9M	95.8M	91.8M	82.4M	73.7M	54.0M	48.3M	68.1*
1965	52.0	48.3M	44.3	70.8M	80.6	81.0	90.2	88.1	71.2	72.7	61.0	48.4	67.4*
1966	35.5	41.1	63.5	66.7	83.1	91.2	97.4	88.2	82.6	71.9	59.3	45.2	68.8
1967	50.3	54.2	66.0	73.1	75.3	83.8	91.2	88.8	81.7	74.7	57.4	43.6	70.0
1968	47.8	51.0	61.5	66.1	72.9	91.2	92.2	87.5	85.7	76.3	52.4	42.5	68.9
1969	48.0	50.9	46.0	69.9	77.9	83.6	94.9	93.2	82.2	58.2	56.0	47.2	67.3
1970	46.4	57.2	48.8	64.9	82.3	87.3	92.8	95.0	82.9	63.5	54.8	50.5	68.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.4	17.9	17.7	29.9	44.7	49.5	59.0	56.1	44.0M	33.1	18.8	10.3M	32.5*
1952	13.4	16.7	20.4M	32.2	42.3	55.2M	55.2	54.8M		30.8	19.3		
1953		14.2	26.2	29.3M	40.7M	54.9M	57.5	55.1	45.1	36.5M		12.8M	
1954	15.2M	24.0	20.6	36.2M	43.5	54.3		56.3M	48.9M	36.9M		14.1M	
1955	11.2M	10.5	16.4	35.0	45.5	50.9	60.8M	59.5M	48.2	34.8		16.6M	
1956	12.9	13.3	20.9M	29.5M	46.4			56.2	47.1	35.9		17.2	
1957	8.1	20.0M	24.6	34.1M	44.0		61.1M	59.2	45.2M	35.1	23.2	16.3	
1958	13.1	21.5	22.8	32.8	49.2M	55.3	58.6M		50.6	34.3	21.0M	18.2	
1959	12.2	18.0	21.5	31.0M	46.1M	57.3	56.3M		45.1M	35.3M		17.7M	
1960	8.7	11.3M	21.2	36.8M	41.8	53.8	57.6	57.8M				15.3	
1961	13.3	19.5	24.9M	30.9M	43.8	54.2M	59.6M	53.6M	44.1	32.5M		10.0M	
1962	5.2	20.1	20.0	34.6	45.5M	53.5M	60.0M			37.2	24.9	19.1M	
1963	2.1	18.6	25.0	34.8M		56.7M	62.6M	61.6M	55.6	41.9M	21.6M	10.9	
1964	12.3	14.9	17.1M	34.8M	44.7	54.3M	62.4M	56.4M	48.6M	31.4M	23.3	11.7M	34.3*
1965	15.7	10.5M	14.7	35.4M	45.7	55.3	59.8	54.6	43.8	35.0	26.1	15.5	34.3*
1966	11.4	15.3	26.0	32.3	41.4	53.7	64.2	56.4	48.9	32.1	23.4	12.3	34.8
1967	15.8	16.0	25.3	37.7	41.3	53.1	59.3	54.7	46.8	33.5	20.4	12.4	34.7
1968	10.2	15.7	22.1	28.5	40.2	52.8	58.8	54.7	43.1	33.4	21.0	9.3	32.5
1969	13.7	17.2	15.3	37.3	47.6	49.9	61.9	60.5	52.9	34.0	22.2	16.8	35.8
1970	11.3	16.2	19.6	25.8	43.4	51.6	60.4	57.6	44.4	31.3	21.7	11.7	33.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.3	35.2	36.4	46.2	60.1	63.5	74.2	73.0	62.1M	51.0	36.0	28.2M	49.3*
1952	31.6	34.2	35.4M	48.6	59.1	75.4M	75.6	73.3M	75.0	51.8	34.7		
1953		32.8	44.2	45.3M	56.2M	73.3M	71.3	65.9	55.8M			26.3M	
1954	29.7M	42.3	36.7	55.1M	57.5	73.8	73.3M	68.6M	53.4M			32.0M	
1955	27.2M	27.8	37.6	52.3	61.1	66.5	79.1M	76.2M	65.9	55.4		33.6M	
1956	30.1	28.5	40.1M	47.4M	63.5			73.4	67.4	56.1		34.3	
1957	23.4	36.5M	38.5	47.2M	56.9		77.8M	74.9	63.8M	52.3	36.5	35.9	
1958	30.6	34.4	31.4	46.9	64.1M	71.1	72.8M	67.6	53.4	35.4M		32.8	
1959	29.3	31.1	39.5	48.3M	60.4M	73.8	73.6M	62.1M	51.3M			34.4M	
1960	24.3	21.6M	34.4	53.6M	58.8	69.7	73.8	75.5M				29.0	
1961	29.8	35.3	39.6M	46.5M	59.3	69.7M	74.3M	73.9M	60.0	53.2M		25.7M	
1962	21.7	36.4	37.7	52.4	64.4M	68.0M	75.1M			56.1	41.9	37.0M	
1963	19.9	37.2	42.0	53.0M		73.6M	78.2M	75.7M	70.2	60.6M	41.3M	25.9	
1964	30.3	29.0M	35.0M	49.3M	61.7	69.6M	79.1M	74.1M	65.5M	52.6M	38.7M	30.0M	51.2*
1965	33.9	29.4M	29.5	53.1M	63.2	68.2	75.0	71.4	57.5	53.9	43.6	32.0	50.9*
1966	23.5	28.2	44.8	49.5	62.3	72.5	80.8	72.3	65.8	52.0	41.4	28.8	51.8
1967	33.1	35.1	45.7	55.4	58.3	68.5	75.3	71.8	64.3	54.1	36.9	28.0	52.4
1968	29.0	33.4	41.8	47.3	56.6	72.0	75.5	71.1	64.4	54.9	36.7	25.9	50.7
1969	30.9	34.1	30.7	53.6	62.8	66.8	78.4	76.9	67.6	46.1	39.1	32.0	51.6
1970	28.9	36.7	34.2	47.4	62.9	69.5	76.6	76.3	63.7	47.4	38.3	31.1	51.1

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

LA JUNTA FAA AP

05 4720 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN.	45.2	15.9	30.6	76.	1951	26	-22.	1959	4	0.0	5.8	29.8	3.3	.35	.73	1962	8	4.9	9.	1951	13	.9	.1	0.0	
FEB	49.4	20.5	35.0	80.	1970	17	-19.	1951	1	0.0	4.0	25.9	1.2	.26	.46	1960	14	3.9	17.	1960	29	.8	0.0	0.0	
MAR	54.9	25.6	40.3	88.	1963	28	-17.	1960	3	0.0	2.5	24.3	.5	.52	1.17	1953	30	4.2	18.	1960	2	1.6	.1	0.0	
APR	67.7	37.5	52.6	92.	1965	22	10.	1957	8	.1	0.0	7.5	0.0	1.03	1.84	1960	13	1.6	2.	1970	1	1.9	.5	.2	
MAY	78.1	48.3	63.2	99.	1967	24	22.	1967	1	4.7	0.0	.4	0.0	1.84	1.83	1958	22	.2	1.	1954	2	3.9	1.1	.4	
JUN	88.9	57.9	73.3	107.	1954	23	39.	1951	2	15.5	0.0	0.0	0.0	.98	1.19	1957	11	0.0	0.	0	0	2.6	.5	.1	
JUL	93.0	63.7	78.7	109.	1964	5	48.	1952	8	23.6	0.0	0.0	0.0	2.14	2.84	1966	22	0.0	0.	0	0	4.5	1.5	.4	
AUG	91.3	61.4	76.4	106.	1969	12	48.	1968	30	20.9	0.0	0.0	0.0	1.29	1.98	1969	21	0.0	0.	0	0	2.3	.6	.4	
SEP	82.9	52.2	67.6	101.	1959	6	30.	1965	21	9.8	0.0	.1	0.0	.92	2.10	1966	27	0.0	0.	0	0	2.4	.4	.1	
OCT	71.6	39.8	55.7	94.	1954	2	14.	1969	13	.9	.1	5.3	0.0	.82	1.95	1965	17	.9	4.	1969	12	1.9	.5	.2	
NOV	56.0	26.6	41.4	80.	1958	10	-9.	1952	27	0.0	1.3	23.3	.4	.48	.96	1953	19	2.0	4.	1953	20	1.1	.1	0.0	
DEC	47.0	18.2	32.6	79.	1955	24	-20.	1961	12	0.0	4.5	29.7	1.3	.27	.36	1953	2	4.1	9.	1960	11	.9	0.0	0.0	
ANNUAL	68.9	39.0	54.0							76.	18.	146.	6.	10.9				22.				25.	5.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	0.00	0.00	.19	0.00	.45	.15	.05	0.00	0.00	0.00	6.63
.10	.05	0.00	.10	.13	.32	.12	.64	.25	.10	.06	.04	0.00	7.40
.20	.09	.06	.19	.29	.58	.28	.95	.43	.21	.17	.11	.06	8.43
.30	.14	.11	.25	.45	.83	.43	1.24	.61	.33	.29	.18	.11	9.22
.40	.19	.15	.35	.62	1.11	.59	1.53	.80	.48	.42	.26	.16	9.94
.50	.24	.20	.44	.80	1.42	.87	1.84	1.02	.65	.57	.35	.21	10.64
.60	.31	.27	.53	1.01	1.72	1.18	2.17	1.27	.85	.76	.45	.27	11.37
.70	.40	.33	.65	1.28	2.05	1.56	2.50	1.57	1.11	1.00	.55	.34	12.20
.80	.52	.43	.80	1.64	2.47	1.96	3.15	2.00	1.46	1.34	.78	.45	13.21
.90	.72	.59	1.04	2.23	3.91	2.13	4.03	2.69	2.12	1.91	1.10	.61	14.70
.95	.91	.75	1.27	2.80	4.92	2.68	4.86	3.36	2.75	2.48	1.42	.77	16.02
ALPHA	1.23	1.47	2.04	1.47	1.39	1.45	2.29	1.49	1.02	1.09	1.16	1.48	14.34
BETA	.27	.20	.27	.74	1.32	.71	.93	.86	.91	.80	.44	.20	.76
Q	0.00	.10	.05	.05	0.00	0.00	0.00	0.00	0.00	.05	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.63	.11	.19	.54	2.25	2.70	1.41	1.26	.08	.65	.39	.41	10.62
1952	.17	.20	.56	1.58	.96	.36	.12	.47	2.63	T	1.44	.36	8.85
1953	.39	.11	1.83	1.61	3.79	.26	1.20	3.67	.08	.61	1.69	.56	15.80
1954	.20	.16	.91	.25	1.79	.19	2.21	1.28	.35	1.61	.05	.33	9.33
1955	.14	.42	.17	.43	4.74	.69	.80	2.09	1.26	.10	.23	.07	11.14
1956	.30	.35	.55	1.51	1.11	.54	.87	1.22	.01	.13	.38	.04	7.01
1957	.13	.04	.79	4.34	2.45	1.70	2.27	.52	.73	2.24	1.74	.02	16.97
1958	.39	.18	.63	.66	3.57	.51	3.90	.62	.42	.85	.44	.13	12.30
1959	.89	.22	.40	.72	1.61	.04	1.26	.43	1.33	1.33	.21	T	8.44
1960	.85	1.43	.14	2.72	.33	.93	1.32	.27	1.05	2.31	.10	.91	12.36
1961	.02	.60	.92	.24	1.53	1.55	2.54	2.05	.60	.14	.36	.28	10.83
1962	.81	.33	.22	.50	2.80	.67	2.53	.07	.26	.21	.64	.07	8.81
1963	.290	.13	.62	.00	.51	1.03	1.45	3.02	.98	.16	.28	.37	8.84*
1964	.27	.42	.14	.56	2.08	T	1.02	.94	.75	.05	.31	.14	6.68
1965	.29	.23	.56	.22	.99	3.31	4.32	1.50	.93	2.01	.02	.51	15.29
1966	.43	.28	T	1.28	.02	.40	5.54	.79	4.26	.55	T	.12	13.67
1967	.20	T	.11	.23	2.82	.82	2.47	.66	.51	.54	.26	.50	9.12
1968	.08	.20	.29	.33	1.24	.87	1.67	1.56	.46	.23	.20	.34	7.47
1969	.01	.18	.68	1.67	1.90	1.28	2.77	2.75	.67	1.49	.27	.31	13.98
1970	.06	T	.65	1.22	.30	1.81	3.10	.21	1.11	1.22	.62	T	10.30

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.8	1.1	4.8	T	.0	T	
51-52	T	.0	T	T	3.3	8.4	3.4	2.5	8.0	12.0	.0	.0	37.6
52-53	.0	.0	.0	.0	10.6	2.2	3.3	1.8	1.0	2.5	T	T	21.4
53-54	.0	T	.0	T	3.9	2.9	4.8	.6	4.4	T	3.2	.0	19.8
54-55	T	.0	.0	T	T	4.0	1.0	4.0	.9	T	T	T	9.9
55-56	.0	T	.0	T	.5	1.0	3.3	5.8	6.0	T	.0	.0	16.6
56-57	.0	.0	.0	.0	2.0	T	2.0	.3	1.0	2.8	.0	.0	8.1
57-58	.0	.0	.0	T	3.6	T	10.6	2.9	4.1	1.7	.0	.0	22.9
58-59	.0	.0	.0	.0	5.7	2.1	16.1	5.2	2.0	9.5	.0	.0	40.6
59-60	.0	.0	.0	7.0	1.3	1.0	11.1	23.0	3.0	T	.0	.0	46.4
60-61	.0	.0	.0	T	T	14.0	1.0	5.0	3.7	T	.0	.0	23.7
61-62	.0	.0	.0	T	2.3	4.5	5.2	.5	T	T	.0	.0	12.5
62-63	.0	.0	.0	.0	3.0	3.0	.0	.2	3.4	.0	.0	.0	
63-64	.0	.0	.0	T	T	7.1	3.0	6.0	T	T	.0	.0	16.1
64-65	.0	.0	.0	.0	2.7	4.0	7.5	9.0	15.2	.0	.0	.0	38.4
65-66	.0	.0	.0	.0	T	9.6	4.3	6.7	T	2.3	T	.0	22.9
66-67	.0	.0	.0	.2	T	2.2	2.6	T	.7	T	.0	.0	5.7
67-68	.0	.0	.0	T	T	10.8	1.2	3.1	2.9	T	T	.0	18.0
68-69	.0	.0	.0	.0	.4	5.2	.1	.2	13.6	T	.0	.0	19.5
69-70	.0	.0	.0	4.1	.1	T	T	T	8.6	1.0	.0	.0	13.8

CLIMATOLOGY REPORT NO. 77-1

LA JUNTA FAA AP

05 4720 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SIGN. SLEET			MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	45.2	15.9	31.6	76.	1951	26	-22.	1959	4	0.0	5.8	29.8	3.3	.33	.73	1962	8	4.9	9.	1951	13	.9	.1	0.0
FEB	49.4	21.5	35.0	80.	1970	17	-19.	1951	1	0.0	4.0	25.9	1.2	.26	.46	1960	14	3.9	17.	1960	29	.8	0.0	0.0
MAR	54.6	25.6	41.3	88.	1963	28	-17.	1960	3	0.0	2.5	24.3	.3	.52	1.17	1953	30	4.2	18.	1960	2	1.6	.1	0.0
APR	67.7	37.5	52.6	92.	1965	22	10.	1957	8	.1	0.0	7.5	0.0	1.03	1.84	1960	13	1.6	2.	1970	1	1.9	.5	.2
MAY	78.1	48.3	63.2	99.	1967	24	22.	1967	1	4.7	0.0	.4	0.0	1.84	1.83	1958	22	.2	1.	1954	2	3.9	1.1	.4
JUN.	88.8	57.6	73.3	107.	1954	23	39.	1951	2	15.5	0.0	0.0	0.0	.98	1.19	1957	11	0.0	0.	0	0	2.6	.5	.1
JUL	93.8	63.7	78.7	129.	1964	5	48.	1952	8	23.6	0.0	0.0	0.0	2.14	2.84	1966	22	0.0	0.	0	0	4.5	1.5	.4
AUG	91.3	61.4	76.4	106.	1969	12	48.	1968	30	20.9	0.0	0.0	0.0	1.29	1.98	1969	21	0.0	0.	0	0	2.3	.6	.4
SEP	82.9	52.2	67.6	101.	1959	6	35.	1965	21	9.8	0.0	.1	0.0	.92	2.10	1966	27	0.0	0.	0	0	2.4	.4	.1
OCT	71.6	39.8	55.7	94.	1954	2	14.	1969	13	.9	.1	5.3	0.0	.82	1.95	1965	17	.9	4.	1969	12	1.9	.5	.2
NOV	56.0	26.6	41.4	80.	1958	10	-9.	1952	27	0.0	1.3	23.3	.4	.48	.96	1953	19	2.0	4.	1953	20	1.1	.1	0.0
DEC	47.0	18.2	32.6	79.	1955	24	-25.	1961	12	0.0	4.5	29.7	1.3	.27	.36	1953	2	4.1	9.	1960	11	.9	0.0	0.0
ANNUAL	68.9	39.0	54.0							76.	18.	146.	6.	10.9				22.				25.	5.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	0.00	0.00	.19	0.00	.45	.15	.05	0.00	0.00	0.00	6.53
.10	.05	0.00	.10	.13	.32	.12	.64	.25	.10	.06	.04	0.00	7.40
.20	.09	.06	.19	.25	.53	.28	.95	.43	.21	.17	.11	.06	8.43
.30	.14	.11	.27	.35	.62	.43	1.24	.61	.33	.29	.18	.11	9.22
.40	.19	.15	.35	.42	.71	.59	1.53	.80	.48	.42	.25	.16	10.04
.50	.24	.20	.44	.50	1.01	.76	1.84	1.02	.65	.57	.35	.21	10.87
.60	.31	.26	.53	1.01	1.74	.97	2.18	1.27	.85	.76	.45	.27	11.37
.70	.40	.33	.65	1.24	2.25	1.22	2.60	1.57	1.11	1.00	.59	.34	12.20
.80	.52	.43	.80	1.64	2.87	1.56	3.15	2.00	1.48	1.34	.78	.45	13.21
.90	.72	.59	1.04	2.23	3.91	2.13	4.03	2.69	2.22	1.91	1.10	.61	14.70
.95	.91	.75	1.27	2.80	4.92	2.68	4.86	3.36	2.75	2.48	1.42	.77	16.02
ALPHA	1.23	1.47	2.04	1.47	1.39	1.45	2.29	1.49	1.02	1.09	1.16	1.48	14.34
BETA	.27	.20	.27	.74	1.32	.71	.93	.86	.91	.80	.44	.20	7.76
Q	0.00	.10	.05	.05	0.00	.05	0.00	0.60	0.00	.05	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.63	.11	.19	.54	2.25	2.70	1.41	1.26	.08	.65	.39	.41	10.62
1952	.17	.20	.56	1.58	.96	.36	.12	.47	2.63	T	1.44	.36	8.85
1953	.39	.11	1.83	1.61	3.79	.26	1.20	3.67	.08	.61	1.69	.56	15.80
1954	.20	.16	.91	.25	1.79	.19	2.21	1.28	.35	1.51	.05	.33	9.33
1955	.14	.42	.17	.43	4.74	.69	.80	2.09	1.26	.10	.23	.07	11.14
1956	.30	.35	.55	1.51	1.11	.54	.87	1.22	.01	.13	.38	.04	7.01
1957	.13	.04	.79	4.34	2.45	1.70	2.27	.52	.73	2.24	1.74	.02	16.97
1958	.39	.18	.63	.60	3.57	.51	3.90	.62	.42	.85	.44	.13	12.30
1959	.89	.22	.40	.72	1.61	.04	1.26	.43	1.33	1.33	.21	T	8.44
1960	.85	1.43	.14	2.72	.33	.93	1.32	.27	1.05	2.31	.10	.91	12.36
1961	.02	.60	.92	.24	1.53	1.55	2.54	2.05	.60	.14	.36	.28	10.83
1962	.81	.03	.22	.50	2.80	.67	2.53	.07	.26	.21	.64	.07	8.81
1963	.290	.13	.62	.00	.51	1.03	1.45	3.02	.98	.16	.28	.37	8.84*
1964	.27	.42	.14	.56	2.08	T	1.02	.94	.75	.05	.31	.14	6.68
1965	.29	.23	.56	.22	.99	3.31	4.32	1.90	.93	2.01	.02	.51	15.29
1966	.43	.28	T	1.28	.02	.40	5.54	.79	4.26	.55	T	.12	13.67
1967	.20	T	.11	.23	2.82	.82	2.47	.66	.51	.54	.26	.50	9.12
1968	.08	.20	.29	.33	1.24	.87	1.67	1.56	.46	.23	.20	.34	7.47
1969	.01	.18	.68	1.67	1.90	1.28	2.77	2.75	.67	1.49	.27	.31	13.98
1970	.06	T	.65	1.22	.30	1.81	3.10	.21	1.11	1.22	.62	T	10.30

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.8	1.1	4.8	T	.0	T	
51-52	T	.0	T	T	3.3	8.4	3.4	2.5	8.0	12.0	.0	.0	37.6
52-53	.0	.0	.0	.0	10.6	2.2	3.3	1.8	1.0	2.5	T	T	21.4
53-54	.0	T	.0	T	3.9	2.9	4.8	.6	4.4	T	3.2	.0	19.8
54-55	T	.0	.0	T	T	4.0	1.0	4.0	.9	T	T	T	9.9
55-56	.0	T	.0	T	.5	1.0	3.3	5.8	6.0	T	.0	.0	16.6
56-57	.0	.0	.0	.0	2.0	T	2.0	.3	1.0	2.8	.0	.0	8.1
57-58	.0	.0	.0	T	3.6	T	10.6	2.9	4.1	1.7	.0	.0	22.9
58-59	.0	.0	.0	.0	5.7	2.1	16.1	5.2	2.0	9.5	.0	.0	40.6
59-60	.0	.0	.0	7.0	1.3	1.0	11.1	23.0	3.0	T	.0	.0	46.4
60-61	.0	.0	.0	T	T	14.0	1.0	5.0	3.7	T	.0	.0	23.7
61-62	.0	.0	.0	T	2.3	4.5	5.2	.5	T	T	.0	.0	12.5
62-63	.0	.0	.0	.0	3.0	3.0	.2	3.4	.0	.0	.0	.0	
63-64	.0	.0	.0	T	T	7.1	3.0	6.0	T	T	.0	.0	16.1
64-65	.0	.0	.0	.0	2.7	4.0	7.5	9.0	15.2	.0	.0	.0	38.4
65-66	.0	.0	.0	.0	T	9.6	4.3	6.7	T	2.3	T	.0	22.9
66-67	.0	.0	.0	.2	T	2.2	2.6	T	.7	T	.0	.0	5.7
67-68	.0	.0	.0	T	T	10.8	1.2	3.1	2.9	T	T	.0	18.0
68-69	.0	.0	.0	.0	.4	5.2	.1	.2	13.6	T	.0	.0	19.5
69-70	.0	.0	.0	4.1	.1	T	T	T	8.6	1.0	.0	.0	13.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.0	54.1	55.2	62.5	77.2	82.0	93.9	92.4	82.1	69.3	53.8	47.4	67.7
1952	51.6	52.7	52.7	68.2	78.3	96.9	96.1	94.0	86.0	73.8	48.6	44.5	70.3
1953	56.4	52.2	62.7	63.3	74.1	93.6	94.6	91.2	88.1	74.2	58.1	44.7	71.1
1954	48.1	62.3	55.2	75.2	75.2	94.3	97.5	93.6	89.1	70.4	62.3	52.2	73.0
1955	45.6	44.1	59.1	70.6	77.9	84.9	97.0	93.3	85.2	75.9	54.9	51.5	70.0
1956	48.5	43.3	60.2	65.3	82.2	95.8	92.9	90.5	88.8	78.1	54.8	52.3	71.1
1957	42.6	57.7	54.5	60.4	71.4	85.9	94.4	92.0	81.1	68.9	49.8	56.8	68.0
1958	47.0	46.5	43.0	61.9	79.8	87.5	88.6	92.7	84.3	72.2	56.4	48.2	67.3
1959	39.5	45.9	56.3	65.4	77.7	91.3	93.3	93.4	80.4	65.2	56.6	50.8	68.0
1960	38.7	33.5	50.5	70.6	78.1	88.6	91.8	93.7	83.6	70.2	57.9	37.8	66.3
1961	42.4	49.1	55.3	66.1	76.9	88.2	91.0	89.5	76.6	73.2	51.4	42.2	66.8
1962	39.3	53.0	56.2	70.1	83.2	85.7	91.1	94.4	82.6	76.1	58.5	51.7	70.2
1963	37.0	55.7	59.8	74.7	83.2	92.8	98.5	91.1	87.2	80.6	61.3	41.5	72.0
1964	48.9	42.2	53.5	66.7	80.5	89.0	100.4	91.5	80.3	75.9	55.3	48.3	69.4
1965	51.8	44.0	43.5	70.9	80.0	83.0	90.3	85.2	72.7	73.0	62.0	46.2	66.9
1966	33.3	38.6	62.6	65.7	81.3	89.2	96.3	86.9	81.2	67.5	58.0	43.5	67.0
1967	49.5	53.6	64.6	72.9	72.9	82.8	88.8	86.0	79.7	71.5	55.7	37.7	68.0
1968	44.8	50.3	60.1	67.0	74.7	91.3	91.7	87.7	83.6	75.0	52.7	42.9	68.5
1969	49.9	52.1	43.6	71.0	77.3	83.6	94.5	92.8	83.8	58.7	58.0	47.8	67.8
1970	46.6	57.1	50.3	65.4	80.8	88.6	92.5	95.0	81.2	62.9	54.7	52.0	68.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.1	21.6	24.5	35.3	49.5	53.0	64.0	62.2	50.8	38.6	24.2	15.2	37.8
1952	20.8	22.1	25.0	38.4	47.8	63.0	63.0	63.9	53.7	38.2	22.0	18.7	39.7
1953	24.3	20.1	30.1	34.7	45.2	61.2	64.8	61.7	53.6	42.7	29.4	19.0	40.6
1954	17.8	28.2	24.8	40.8	47.2	60.1	66.2	60.4	56.1	40.1	28.9	19.3	40.8
1955	16.9	13.9	24.3	38.9	48.8	55.3	64.3	63.6	53.5	40.0	23.3	20.2	38.6
1956	18.0	15.1	26.8	35.0	49.7	62.3	63.0	60.2	53.8	42.9	24.3	20.5	39.3
1957	13.0	25.5	28.4	35.0	46.7	55.9	65.0	63.6	50.2	44.5	28.2	23.4	40.0
1958	17.9	25.3	25.4	35.8	52.9	60.3	61.9	63.6	55.2	41.0	26.3	22.1	40.6
1959	14.3	21.9	26.1	36.4	49.7	59.9	61.6	63.3	50.6	37.3	22.1	22.2	38.8
1960	11.9	11.0	23.7	40.1	46.8	56.6	61.2	62.0	53.5	41.2	28.8	15.7	37.7
1961	16.3	23.2	30.0	35.5	48.1	57.4	61.4	61.7	48.3	37.8	26.2	13.8	38.3
1962	8.2	24.0	23.6	40.7	50.5	56.6	61.9	61.1	52.6	42.0	30.0	22.4	39.5
1963	6.5	25.1	29.7	41.2	51.6	60.1	66.6	62.9	57.9	47.9	30.2	14.5	41.2
1964	18.6	17.3	23.1	37.2	50.1	59.7	69.7	61.6	54.3	41.1	29.5	19.7	40.2
1965	20.9	15.5	18.8	40.0	48.7	55.9	62.0	55.8	46.2	38.2	30.3	19.3	37.6
1966	6.9	15.3	27.3	35.1	45.8	57.5	66.7	58.9	51.8	35.6	27.1	13.5	36.8
1967	19.8	20.4	29.8	39.0	43.9	54.3	60.8	56.8	49.0	36.4	23.8	13.5	37.3
1968	16.7	20.9	28.6	35.5	45.7	60.2	61.8	59.0	50.1	39.9	25.4	13.4	38.1
1969	20.0	22.0	20.2	41.3	49.6	53.2	64.3	63.1	54.3	35.2	26.1	19.6	39.1
1970	13.3	21.5	20.9	33.4	47.7	55.6	63.4	63.3	49.0	35.4	26.7	17.3	37.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEEC	ANNUAL
1951	28.6	37.9	39.9	48.9	63.4	67.5	79.0	77.3	66.5	54.0	39.0	31.3	1252.8
1952	36.2	37.4	38.9	53.3	63.1	80.0	79.6	79.0	69.9	56.0	35.3	31.6	1554.0
1953	40.4	36.2	46.4	49.0	59.7	77.4	79.7	76.5	70.9	58.5	43.8	31.9	1454.9
1954	33.0	45.3	40.0	58.0	61.2	77.2	81.9	77.0	72.6	55.3	45.6	35.4	156.9
1955	31.3	29.0	41.7	54.8	63.4	70.1	80.7	78.5	69.4	58.0	39.1	35.9	54.3
1956	33.3	29.2	43.5	50.2	66.0	79.1	78.0	75.4	71.3	60.5	39.6	36.4	1055.2
1957	27.8	41.6	41.5	47.7	59.1	70.9	79.7	77.8	65.7	56.7	39.0	40.1	154.0
1958	32.5	35.9	34.2	48.9	66.4	73.9	75.3	78.2	69.8	56.6	41.4	35.2	1154.0
1959	26.9	33.9	41.2	50.9	63.7	75.6	77.5	78.4	65.5	51.3	39.4	36.5	1453.4
1960	25.3	22.3	37.1	55.4	62.5	72.6	76.5	77.9	68.6	55.7	43.4	26.8	1052.0
1961	29.4	36.2	42.7	50.8	62.5	72.8	76.2	75.6	62.5	55.5	38.8	28.0	1052.6
1962	23.8	38.5	39.9	55.4	66.9	71.2	76.5	77.8	67.6	59.1	44.3	37.1	1154.8
1963	21.8	40.4	44.8	58.0	67.4	76.5	82.6	77.0	72.6	64.3	45.8	28.2	1156.6
1964	33.8	29.8	38.3	52.0	65.3	74.4	85.1	76.6	67.3	58.5	42.4	34.0	1454.8
1965	36.4	29.8	31.2	55.5	64.4	69.5	76.2	70.5	59.5	55.6	46.2	32.8	1052.3
1966	20.1	27.0	45.0	50.4	63.6	73.4	81.5	72.9	66.5	51.6	42.6	28.5	1751.9
1967	34.7	37.0	47.2	56.0	58.4	68.6	74.8	71.4	64.4	54.0	39.8	25.6	1052.7
1968	30.8	35.6	44.4	51.3	60.2	75.8	76.8	73.4	66.9	57.5	39.1	28.2	1153.3
1969	35.0	37.1	31.9	56.2	63.5	68.4	79.4	78.0	69.1	47.0	42.1	33.7	1053.5
1970	30.0	39.3	35.6	49.4	64.3	72.1	78.0	79.2	65.1	49.2	140.7	34.7	1153.1

SEASON

1.0	1.0
5.6	4.0
4.5	T
3.8	1.7
5.0	1
T	4.0
1.7	1.0
	132.8
	107.5
	63.1
	138.7
	73.3
	111.5
	57.5
6.5	1

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

LAKE CITY

05 4734 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN NO OF DAYS			SHOW, SECT				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	33.0	-5.0	14.0	57.	1969	7	-33.	1963	13	0.0	13.2	31.0	22.2	.89	.71	1960	14	13.3	36.	1965	28	3.1	.3	0.0
FEB	37.0	.5	18.7	56.	1963	4	-23.	1969	4	0.0	7.7	28.1	15.7	.85	.55	1968	22	11.9	34.	1965	1	3.8	.2	0.0
MAR	42.4	9.0	25.7	65.	1966	31	-26.	1965	19	0.0	4.3	30.9	6.8	.93	.80	1965	24	12.2	37.	1965	26	3.3	.2	0.0
APR	52.4	22.0	37.3	71.	1959	30	-1.	1961	15	0.0	.2	27.8	.2	1.07	.90	1962	8	11.3	36.	1965	4	3.8	.2	0.0
MAY	62.9	30.9	46.9	79.	1967	20	12.	1965	28	0.0	0.0	18.2	0.0	.97	.56	1957	20	2.7	5.	1955	18	3.6	.2	0.0
JUN.	72.3	37.6	55.0	91.	1961	24	20.	1965	27	.1	0.0	6.2	0.0	.76	1.02	1957	12	.2	1.	1957	12	2.6	.4	.1
JUL	77.4	44.4	60.9	89.	1964	8	31.	1968	2	0.0	0.0	.3	0.0	1.96	1.45	1970	6	0.0	0.	0	0	6.8	.5	.1
AUG	74.5	42.7	58.6	86.	1969	8	25.	1968	24	0.0	0.0	1.2	0.0	2.08	1.21	1970	15	0.0	0.	0	0	7.2	.8	.1
SEP	68.4	34.8	51.6	84.	1960	4	13.	1970	26	0.0	0.0	10.0	0.0	1.22	1.20	1961	3	1.3	7.	1961	3	4.2	.5	.1
OCT	59.7	24.8	42.3	74.	1964	3	-2.	1968	17	0.0	.1	26.6	.1	1.35	1.70	1969	3	9.3	28.	1961	31	4.3	.8	.1
NOV	45.4	13.1	29.3	69.	1962	3	-13.	1965	30	0.0	2.2	29.6	3.5	1.03	1.68	1964	16	14.8	35.	1961	1	3.3	.3	.1
DEC	35.1	1.6	16.4	56.	1962	10	-31.	1961	12	0.0	11.4	31.0	14.5	1.01	.95	1966	7	13.6	34.	1964	27	3.8	.4	0.0
ANNUAL	54.7	21.1	37.9							0.	39.	241.	63.	14.1				90.				50.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.25	.17	.28	.23	0.00	.44	.58	0.00	0.00	.21	.24	9.39
.10	.28	.33	.26	.34	.32	0.20	.62	.77	.15	.20	.31	.33	10.29
.20	.44	.45	.34	.54	.46	.70	.91	1.07	.37	.43	.46	.48	11.44
.30	.57	.55	.32	.67	.59	.84	1.17	1.33	.54	.64	.66	.68	12.32
.40	.69	.65	.35	.81	.71	.97	1.43	1.59	.74	.85	.84	.86	13.11
.50	.81	.75	.38	.95	.85	1.11	1.70	1.86	.89	1.01	.89	.89	13.84
.60	.94	.86	.44	1.11	1.00	.77	2.01	2.15	1.21	1.35	1.05	1.04	14.67
.70	1.10	.99	1.13	1.30	1.17	.96	2.38	2.50	1.52	1.68	1.26	1.23	15.56
.80	1.30	1.16	1.38	1.54	1.41	1.22	2.87	2.96	1.94	2.13	1.52	1.44	16.64
.90	1.61	1.43	1.79	1.93	1.78	1.63	3.65	3.67	2.64	2.85	1.95	1.87	18.22
.95	1.90	1.68	2.17	2.29	2.13	2.04	4.38	4.33	3.32	3.55	2.35	2.23	19.60
ALPHA	3.23	3.42	2.09	2.85	2.57	1.71	2.44	3.07	1.48	1.64	2.28	2.55	20.43
BETA	.29	.24	.44	.38	.38	.49	.81	.68	.87	.87	.45	.40	.69
Q	.05	0.00	0.00	0.00	0.00	.10	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

LAKE CITY

05 4734 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.74	.91	.17	1.03	.46	.16	1.00	1.62	.73	.81	2.66	1.79	12.08
1952	1.63	.63	1.25	1.58	1.83	.25	1.99	3.10	1.67	T	.92	.53	15.38
1953	.63	.22	1.23	1.29	1.30	.99	3.05	1.89	.53	2.01	1.26	.40	14.80
1954	T	.52	.66	.06	1.21	.21	5.07	.85	.89	1.19	.62	.71	11.99
1955	.61	.70	.75	.50	1.77	.33	1.17	2.13	.22	.35	.52	.83	9.96
1956	1.30	.93	.64	1.16	.86	.51	1.05	.99	T	1.46	.65	1.28	10.83
1957	2.09	.57	1.36	1.93	1.91	1.84	4.22	2.69	.03	2.09	2.63	.82	22.18
1958	.92	1.81	.75	1.45	.80	.23	.27	1.50	.84	1.07	.79	1.11	11.54
1959	.58	1.16	1.41	1.23	.84	.35	.45	2.14	1.84	3.64	.84	.46	14.94
1960	1.81	1.65	1.98	.66	.74	.52	1.05	.18	1.01	1.60	.84	.87	12.91
1961	.27	.81	1.33	1.08	.22	T	.81	3.12	2.86	1.35	.95	.61	13.41
1962	.75	.83	.57	1.47	1.51	.60	1.24	.63	1.70	1.49	.80	.24	11.83
1963	.56	1.24	1.38	.61	.30	.84	1.79	3.63	1.29	1.18	.59	.48	14.29
1964	.60	.49	1.50	1.86	.80	.92	2.39	4.06	1.36	.05	3.03	2.24	19.30
1965	.77	.57	1.48	1.71	1.04	.85	1.50	2.25	3.66	1.52	1.07	1.81	18.23
1966	.45	.34	.10	.73	1.71	1.20	2.20	1.88	1.12	.45	.25	1.58	12.01
1967	.58	.50	.33	.54	.83	.52	2.49	2.88	.45	.47	.22	2.85	12.66
1968	.24	1.78	.12	1.25	.41	.00	2.21	1.58	.30	.47	.600	.63	5.59*
1969	1.82	.60	.87	.41	.70	3.14	1.49	2.19	1.36	4.49	.36	.70	18.13
1970	1.60	.30	.68	.83	.13	1.67E	3.83	2.24	2.60	1.37	1.05	.35	16.05*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							9.2	14.9	2.6	6.5	1.0	1.0	
51-52	.0	T	.0		43.0		24.1	11.6	17.7	11.6	5.6	.0	
52-53	T	.0	.0	.0	13.0	15.0	9.5	5.5	15.9		4.5	T	
53-54	T	.0	.0	10.0	13.0	6.0	T	8.3	6.0	T	3.6	1.0	47.9
54-55	.0	.0	.0	.5	8.5	7.6	10.6	10.9	13.0	5.1	5.0	T	61.2
55-56	.0	.0	.0	3.8		13.0	18.5	14.5	1.1	9.8	T	.0	
56-57	.0	.0	T	10.0	11.3	15.5	31.0	10.0	19.5	26.0	8.5	1.0	132.8
57-58	.0	.0	T	8.0	22.5	15.0	11.5	22.5	8.5	19.5	T	.0	107.5
58-59	.0	.0	.0	4.0	9.0	16.0	9.5	17.0	17.6	7.0	T	.0	80.1
59-60	.0	.0	12.0	32.0	11.0	7.0	21.0	26.5	24.0	2.7	2.5	.0	138.7
60-61	.0	.0	.0	6.8	9.0	13.5	3.0	8.8	19.2	12.0	1.0	.0	73.3
61-62	.0	.0	11.0	33.0	14.0	9.0	11.5	9.0	11.0	13.0	T	.0	111.5
62-63	.0	.0	.0	3.0	9.0	4.0	8.0	15.0	13.0	5.5	.0	.0	57.5
63-64	.0	.0	.0	.3	9.0	10.0	10.0	7.5	19.5	18.5	6.5	.0	81.3
64-65	.0	.0	.0	.0	39.0	23.0	11.0	8.0	21.0	16.0	1.0	1.0	120.0
65-66	.0	.0	3.0	5.0	15.0	19.0	9.0	6.5	2.9	14.5	12.0	.0	86.9
66-67	.0	.0	.0	1.0	3.0	7.5	12.5	10.0	6.5	6.0	1.0	.0	47.5
67-68	.0	.0	.0	3.0		44.9	5.6		1.8	23.3	1.0	.0	
68-69	.0	.0	T	5.0	8.5	11.3	30.6	9.3	11.0	6.3	T	T	82.0
69-70	.0	.0	.0	49.5	8.0	14.0	20.5	10.6			.0	.0	

LAKE CITY

05 4734 2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959	36.3	37.3	43.5	54.8	62.0	76.6	79.6	73.7	68.7	58.3	46.3	41.3	56.4
1960	32.1	31.9	46.0	55.7	62.9	75.8	78.7	79.3	72.7	58.1	47.1	35.1	56.3
1961	35.0	43.1	44.0	51.7	64.6M	76.9	76.7	75.1	65.7	59.3	41.0	31.9	55.6*
1962	29.4	39.5	39.4	56.3	61.9	72.3	75.3	76.9	68.5	64.5	50.0	42.7	56.4
1963	33.2	42.4	42.9	53.5	67.8	71.9	78.7	72.8	73.2	65.1	48.3	34.7	57.0
1964	30.9	32.3	37.3M	49.1	62.7	71.2	76.5	72.4	67.0	65.7	43.4M	32.8	53.6*
1965	35.2	37.0	39.0	50.6	55.5	65.5	75.5	73.2	63.0	63.2	44.6	34.5M	53.1*
1966	29.3	30.6	47.0	55.7	66.2	72.3	78.4	76.3	71.2	60.9	49.3	31.8	55.8
1967	35.7	39.9	49.4	52.9	60.5	70.3	77.9	73.2	69.0	63.2	47.6	31.2	55.9
1968	30.4	37.1	42.7	47.1	59.7	75.5	75.9	70.6	67.7	60.5	40.5	32.9	53.4
1969	36.0	33.0	38.5	55.7	66.3	67.3	76.3	76.5	68.2	46.9	41.7	35.2	53.5
1970	32.4	39.7	39.1	46.1	64.3		75.3	73.8	65.5	51.0	43.7	33.5	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959	.3	3.6	11.9	27.1	32.4	41.7	45.2	45.2	35.3	25.4	11.1	8.8	24.1
1960	- 4.5	- 2.4	14.2	22.9	29.8	39.6	43.5	43.2	38.2	27.1	13.2	1.7	22.2
1961	- 6.2	2.7	14.3	21.3	31.9M	40.7	44.6	45.0	32.5	23.5	8.9	- 4.5M	21.2*
1962	- 8.5	4.4	5.7	25.8	30.0	36.2	40.8	40.5	35.6	26.6	18.8	9.0	22.1
1963	- 2.9	8.9	10.5	23.4	35.9	38.2	47.5	44.5	38.4	30.6	14.5	- 1.9	24.0
1964	-10.8	- 8.3	2.1M	17.4	30.4	35.7	45.0	40.8	34.6	25.8	10.0M	- 5.6	18.1*
1965	- 5.0	- 6.0	- 4.3	24.9	24.9	31.9	43.3	40.5	32.0	25.5	15.6	- 3.3	
1966	-11.2	- 4.5	12.9	24.7	32.5	39.0	46.8	43.5	35.8	23.5	14.5	2.6	21.7
1967	- 3.9	4.9	13.7	18.6	30.2	36.8	46.7	42.4	37.6	26.1	18.4	.6	22.7
1968	- 5.8	3.1	10.5	19.9	29.0	38.8	42.7	38.9	32.4	24.8	13.0	.9	20.7
1969	3.1	- 2.6	4.5	22.8	33.8	35.1	44.5	44.7	36.7	19.0	8.3	3.5	21.1
1970	- 4.4	1.9	11.8	18.1	30.3		42.7	43.7	28.5	19.3	12.0	2.5	

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													17.15
1952													9.51
1953													14.01
1954													15.23
1955													17.15
1956													17.15
1957													17.15
1958													17.15
1959	18.3	20.5	27.7	41.0	47.2	59.2	62.4	59.5	52.0	41.9	26.7	25.1	16.30
1960	13.8	14.8	30.1	39.3	46.4	57.7	61.1	61.3	55.5	42.6	30.2	18.4	140.2
1961	14.4	22.9	29.2	36.5	48.3M	58.8	61.7	60.1	49.1	41.4	25.0	13.0H	1638.4*
1962	10.5	22.0	22.6	41.1	46.0	54.3	58.1	58.7	52.1	45.6	34.4	25.9	1239.3
1963	15.2	25.7	26.7	38.5	51.9	55.1	63.1	58.7	55.8	47.9	31.4	16.4	940.5
1964	10.1	12.0	19.7M	33.3	46.6	53.5	61.8	56.6	50.8	45.8	26.7H	13.6	135.9*
1965	15.1	15.5	17.4		40.2	48.7	59.4	56.9	47.5	44.4	30.1	15.6H	18.48
1966	5.1	13.1	30.0	40.2	49.4	55.7	62.6	59.9	53.5	42.2	31.9	17.2	1538.7
1967	15.9	22.4	31.6	35.8	45.4	53.6	62.3	57.8	53.3	44.7	33.0	15.9	1239.3
1968	12.3	20.1	26.6	33.5	44.4	57.2	59.3	54.8	50.1	42.7	26.8	16.6	1337.1
1969	19.6	15.2	21.5	39.3	50.1	51.2	60.4	60.6	52.5	33.0	25.0	19.4	1937.3
1970	14.0	20.8	25.5	32.1	47.3		59.0	58.8	47.0	35.2	27.9	18.0	13.55

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

.0	T	
.0	.0	
.0	.0	
3.5	.0	26.8
.0	.0	7.6
.0	.0	25.1
.0	.0	21.6
.0	.0	30.0
.0	.0	32.7
.0	.0	49.7
.0	.0	35.0
.0	.0	21.2
.0	.0	22.7
.0	.0	16

CLIMATOLOGY REPORT NO. 77-1

LAMAR AIRWAYS

05 4770 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	45.6	13.3	29.5	79.	1951	26	-20.	1962	11	0.0	5.9	30.6	4.3	.46	.72	1960	13	4.5	8.	1966	21	1.6	.1	0.0
FEB	50.3	18.8	34.6	83.	1970	17	-21.	1960	28	0.0	3.3	27.1	1.5	.37	.74	1960	14	4.1	14.	1960	14	1.2	.1	0.0
MAR	56.0	24.1	40.1	92.	1963	28	-19.	1960	3	.1	2.0	25.6	.3	.75	1.07	1953	30	5.6	10.	1960	5	2.0	.2	0.0
APR	68.8	36.6	52.7	95.	1965	22	9.	1957	8	.6	0.0	9.3	0.0	1.04	2.19	1969	16	2.4	7.	1964	4	2.2	.5	.1
MAY	78.7	47.8	63.2	101.	1964	22	26.	1967	1	5.9	0.0	.8	0.0	2.49	5.64	1964	29	.2	1.	1954	1	4.2	1.5	.5
JUN	88.4	57.9	73.1	107.	1963	29	36.	1951	2	15.4	0.0	0.0	0.0	2.11	2.53	1965	18	0.0	0.	0	0	4.0	1.5	.4
JUL	93.8	63.4	78.6	108.	1964	4	43.	1952	8	22.8	0.0	0.0	0.0	2.24	2.83	1957	25	0.0	0.	0	0	4.9	1.5	.7
AUG	91.3	61.2	76.3	107.	1962	9	42.	1964	28	20.2	0.0	0.0	0.0	2.11	2.20	1952	20	0.0	0.	0	0	3.4	1.3	.5
SEP	83.1	51.1	67.1	103.	1964	2	23.	1961	25	9.7	0.0	.1	0.0	1.04	1.96	1951	4	0.0	0.	0	0	2.5	.5	.1
OCT	72.4	37.5	55.0	95.	1967	3	17.	1957	26	1.7	0.0	8.5	0.0	.73	1.78	1965	17	.6	2.	1969	12	2.3	.3	.2
NOV	56.7	24.0	40.4	82.	1958	10	-12.	1952	27	0.0	1.0	26.7	.3	.46	.72	1956	2	2.8	7.	1958	17	1.1	.2	0.0
DEC	47.2	16.1	31.7	82.	1955	24	-23.	1961	12	0.0	3.8	30.5	2.0	.35	.85	1965	14	4.2	13.	1965	17	1.1	.1	0.0
ANNUAL	69.4	37.7	53.5							76.	16.	159.	8.	14.1				24.				30.	8.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	0.00	.22	.32	.43	0.00	0.00	0.00	0.00	9.62
.10	0.00	0.00	.13	.09	.76	.37	.51	.62	0.00	.04	.03	.02	10.48
.20	0.00	.08	.26	.24	1.22	.66	.83	.93	.52	.12	.09	.07	11.40
.30	.15	.14	.37	.34	1.58	.96	1.14	1.20	.69	.22	.15	.12	12.46
.40	.25	.20	.49	.46	1.91	1.28	1.47	1.50	.84	.34	.23	.17	13.20
.50	.35	.28	.62	.56	2.26	1.63	1.83	1.81	.98	.48	.31	.24	13.94
.60	.46	.36	.76	.69	2.63	2.05	2.24	2.15	1.14	.66	.49	.32	14.70
.70	.59	.47	.93	1.04	3.07	2.58	2.74	2.57	1.31	.88	.56	.42	15.54
.80	.77	.61	1.17	1.69	3.64	3.29	3.42	3.12	1.54	1.20	.75	.57	16.57
.90	1.07	.85	1.55	2.38	4.53	4.48	4.53	4.01	1.88	1.75	1.07	.81	18.07
.95	1.35	1.08	1.91	3.05	5.36	5.64	5.60	4.85	2.20	2.30	1.40	1.05	19.38
ALPHA	1.46	1.35	1.40	1.18	3.12	1.39	1.71	2.23	3.94	.95	1.04	1.05	22.50
BETA	.34	.31	.44	.93	.63	1.52	1.31	.95	.29	.61	.46	.35	.63
Q	.20	.10	.05	.05	.05	0.00	0.00	0.00	.10	.05	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.97	.14	.18	.77	2.62	5.16	.45	2.54	2.32	1.09	.81	.10	17.15
1952	.30	.39	1.06	1.40	.79	.09	.24	3.21	1.16	.00	.74	.13	9.51
1953	.27	.06	1.92	1.92	2.20	.76	.51	3.56	.00	.10	1.62	1.09	14.01
1954	.50	.13	.46	.12	2.12	.19	2.71	1.56	.24	1.87	.02	.31	10.23
1955	.07	.26	.10	.90	3.76	1.65	1.35	.72	.76	.16	.12	.24	10.09
1956	.56	.47	.37	.75	1.94	1.83	2.60	4.34	T	.04	1.06	.03	13.99
1957	.22	.16	1.12	2.41	2.90	2.15	3.63	2.65	1.31	.90	.64	.03	18.12
1958	.73	.21	1.75	.94	3.62	3.05	3.84	.75	.57	.04	.72	.08	16.30
1959	.79	.16	.29	.94	2.25	2.58	.87	2.08	1.60	1.58	.16	.08	13.38
1960	1.43	2.07	.50	1.77	1.91	.64	1.68	.26	.99	1.76	.18	.87	14.06
1961	T	.84	.90	.44	.97	4.27	3.21	3.22	.92	.52	1.18	.23	16.70
1962	.89	.11	.34	.68	2.20	1.97	4.36	.64	.66	.41	.54	.12	12.92
1963	.42	.14	1.01	.00	.58	1.93	1.81	2.09	1.18	.10	.29	.38	9.93
1964	T	.75	.19	1.07	6.97	.77	.32	.42	.96	.17	.36	.21	12.19
1965	.36	.49	1.21	.03	2.40	6.60	1.14	2.50	1.13	1.62	.05	1.75	19.46
1966	1.33	.61	T	1.79	T	.92	4.11	4.97	1.13	.55	.00	.26	15.67
1967	.20	T	.27	.03	3.55	3.35	1.38	1.68	1.05	.24	.29	.49	12.53
1968	.06	.29	.54	.75	5.35	1.53	1.74	1.99	.55	.27	.14	.36	13.57
1969	T	.14	1.39	3.33	2.38	2.23	3.08	1.91	2.75	1.92	.20	34.16	19.49
1970	T	T	1.41	.83	1.24	.54	5.85	1.15	1.46	1.04	.93	34.00	13.55

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51						9.8	.0	1.9			.0	T	
51-52	.0	T	T	T		1.2	4.0	3.6	5.9	1.0	.0	.0	
52-53	.0	.0	.0	.0		1.1	2.9	.7	.6	5.0	.0	.0	
53-54	.0	.0	.0	.0	5.4	10.2	5.8	.5	1.4	.0	3.5	.0	26.8
54-55	.0	.0	.0	T	.1	3.5	.6	2.3	1.1	T	.0	.0	7.6
55-56	T	.0	.0	1.0	.3	3.7	6.0	7.7	4.7	1.7	.0	.0	25.1
56-57	.0	.0	.0	.0	9.4	T	2.6	1.0	4.9	3.7	.0	.0	21.6
57-58	.0	.0	.0	T	3.9	.0	8.2	1.6	16.3	T	.0	.0	30.0
58-59	.0	.0	.0	.0	10.6	.4	9.9	3.5	T	8.3	.0	.0	32.7
59-60	.0	.0	.0	2.4	2.0	T	5.7	30.4	6.2	3.0	.0	.0	49.7
60-61	.0	.0	.0	.0	5.8	12.2	T	9.4	3.9	3.7	.0	.0	35.0
61-62	.0	.0	.0	T	5.0	4.6	8.9	1.5		.1	.0	.0	
62-63	.0	.0	.0	.0	5.0	1.3	5.1	1.1	8.7	.0	.0	.0	21.2
63-64	.0	.0	.0	.0	.0	5.3	.3	7.7	2.0	7.4	.0	.0	22.7
64-65	.0	.0	.0	.0	1.8	2.1	3.1	5.6	4.1	.0	.0	.0	16.7
65-66	.0	.0	.0	.0	T	17.4	12.2	2.4	T	6.0	.0	.0	38.0
66-67	.0	.0	.0	T	.0	4.5	3.8	T	3.5	.0	.0	.0	11.8
67-68	.0	.0	.0	.3	1.3	9.9	1.2	2.5	3.1	T	.0	.0	18.3
68-69	.0	.0	.0	.0	.0	4.8	T	T	19.5	.0	.0	.0	24.3
69-70	.0	.0	.0	2.1	.5	1.9	T	T	18.2	6.5	.0	.0	29.2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.0	54.9	56.4	63.0	76.4	78.3	90.4	89.8	79.1	68.9	53.6	47.9	66.7
1952	50.6	53.0	52.6	67.1	76.9	94.5	93.6	92.2	84.8	73.1	49.7	46.6	69.6
1953	57.2	53.9	64.4	63.2	74.8	94.0	94.5	88.6	87.8	74.4	57.5	40.9	70.9
1954	43.4	61.6	55.0	74.8	72.4	92.2	95.4	90.5	89.0	70.3	63.5	52.1	71.7
1955	46.0	46.6	59.6	71.6	78.5	83.3	96.2	92.9	85.2	76.4	56.1	47.5	70.0
1956	47.9	43.7	60.9	67.0	81.9	93.5	91.6	88.4	87.7	78.2	54.1	52.5	70.6
1957	40.7	56.6	54.6	61.0	71.2	85.8	95.5	91.3	80.1	67.9	50.9	56.2	67.7
1958	47.1	46.4	40.1	62.1	79.8	87.4	89.2	93.4M	84.9	72.3	57.0	48.0	67.3*
1959	41.5	46.4	58.7	67.5	78.4	91.2	93.3	92.6	79.8	66.4	56.4	51.9	68.7
1960	39.5	33.1	49.9	72.2	75.2	89.0	92.8	95.3	85.6	72.6	59.5	39.8	67.4
1961	46.1	49.2	56.9	67.3	78.9	88.6	92.7	89.7	78.4	74.2	50.1	42.5	67.9
1962	35.9	52.9	57.0	72.1	85.5	85.3	91.4	96.3	82.1	77.1	59.7	52.2	70.6
1963	37.7	57.8	62.1	75.9	84.2	93.3M	99.7	93.2	88.6	81.5	62.2	40.1	73.0*
1964	51.2	43.3	55.6	67.6	81.8	88.5	99.6	93.0	82.0	75.1	55.7	48.3	70.1
1965	52.8	48.4	47.5	72.8	81.6	83.4	94.3	89.5	74.9	75.6	64.0	47.6	69.4
1966	35.2	40.4	64.0	67.0	83.0	89.9	96.4	86.1	80.7	71.1	59.4	44.5	68.1
1967	49.6	55.1	65.9	74.2	74.1	85.4	92.0	88.7	81.7	74.0	57.8	43.9	70.2
1968	48.2	52.0	62.5	69.0	72.7	91.5	90.8	88.3	84.7	75.4	53.5	42.2	69.2
1969	50.0	52.5	46.6	72.3	78.7	83.3	93.9	91.8	83.0	60.1	58.3	47.4	68.2
1970	49.0	58.3	50.2	68.0	83.5	88.9	93.3	94.4	81.2	63.8	55.9	51.6	69.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.5	18.8	20.3	33.3	47.5	52.7	62.9	61.2	48.0	35.9	21.1	12.1	35.4
1952	16.0	19.2	24.5	35.5	45.6	62.5	62.4	63.1	51.7	32.1	21.3	17.5	37.6
1953	20.0	17.0	29.0	34.0	44.4	60.7	64.6	62.1	50.5	39.5	26.8	14.9	38.6
1954	14.4	26.5	24.1	40.4	47.5	60.9	67.0	61.7	54.7	39.6	25.9	16.5	39.9
1955	15.1	13.1	20.8	38.1	45.9	55.5	64.1	63.2	52.3	36.9	20.8	15.3	37.1
1956	14.0	13.3	23.5	33.0	49.5	61.9	62.8	59.5	50.8	40.4	23.0	18.0	37.5
1957	9.3	22.7	27.6	35.1	46.2	54.5	64.9	63.1	48.2	41.5	24.7	18.8	38.1
1958	13.9	23.6	24.4	35.3	52.6	60.4	61.7	61.5M	55.0	36.7	21.4	19.4	38.8*
1959	10.8	20.1	22.7	34.3	49.8	59.8	60.2	62.5	48.1	35.2	18.6	20.1	36.9
1960	10.9	10.4	23.4	39.2	44.9	56.9	60.4	61.7	51.7	39.3	23.7	16.0	36.5
1961	15.2	21.7	28.2	33.6	47.2	57.5	61.5	62.2	47.3	33.7	24.4	12.2	37.1
1962	5.4	22.1	20.0	39.3	48.6	57.1	61.7	58.6	50.8	38.1	25.6	18.6	37.2
1963	2.9	19.0	28.3	38.1	50.7	60.1M	66.1	63.7	57.4	43.8	23.8	10.5	38.7*
1964	13.1	16.3	19.4	35.5	48.1	56.3	64.7	58.9	51.6	34.2	26.4	16.6	36.8
1965	17.9	14.4	17.8	39.4	48.3	57.7	64.6	59.0	47.8	37.7	28.0	15.5	37.3
1966	7.7	13.8	28.3	35.7	45.4	58.5	66.5	59.3	51.5	35.4	23.5	11.6	36.4
1967	17.5	18.8	28.9	41.3	44.7	56.4	62.6	58.8	51.1	38.1	25.0	17.1	38.4
1968	16.4	20.6	28.5	35.1	44.7	58.0	62.3	59.4	49.6	38.5	24.6	13.4	37.6
1969	19.7	22.9	19.8	41.5	50.9	54.1	63.4	62.5	55.0	36.9	25.8	20.5	39.4
1970	15.3	21.8	23.1	34.6	48.8	56.3	62.7	62.5	49.7	35.6	26.3	18.1	37.9

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.8	36.9	38.4	48.2	62.0	65.5	76.7	75.5	63.6	52.4	37.4	30.0	51.1
1952	32.3	36.1	38.6	51.3	61.3	78.5	78.0	77.7	68.3	52.6	35.5	32.1	53.6
1953	38.6	35.5	46.7	48.6	59.6	77.4	73.6	75.4	69.2	57.0	42.2	27.9	54.8
1954	28.9	44.1	39.6	57.6	60.0	76.6	81.2	76.1	71.9	55.0	44.7	34.3	55.8
1955	30.6	29.9	40.2	54.9	64.2	69.4	80.2	78.1	68.8	56.7	38.5	31.4	53.6
1956	31.0	28.5	42.2	50.0	65.7	77.7	77.2	74.0	69.3	59.3	38.6	35.3	54.1
1957	25.0	39.7	41.1	48.1	58.7	70.2	77.2	77.2	64.2	54.7	37.8	37.5	52.9
1958	30.5	35.0	32.3	48.7	66.2	73.9	75.5	77.5M	70.0	54.5	39.2	33.7	53.1*
1959	26.2	33.3	40.7	50.9	64.1	75.5	76.8	77.6	64.0	50.8	37.5	36.0	52.8
1960	25.2	21.8	36.7	55.7	62.1	73.0	76.6	78.5	68.7	56.0	41.6	27.9	52.0
1961	30.7	35.5	42.6	50.9	63.1	73.1	77.1	76.0	62.9	54.0	37.3	27.4	52.5*
1962	20.7	37.5	38.5	55.7	67.1	71.2	76.6	77.5	66.5	57.6	42.7	35.4	53.9
1963	20.3	38.4	45.2	57.0	67.5	76.7M	82.9	78.5	73.0	62.7	43.0	25.3	55.9*
1964	32.2	29.8	37.5	51.6	65.0	72.4	82.2	76.0	66.8	54.7	41.1	32.5	53.5
1965	35.4	31.4	32.7	56.1	65.0	70.6	79.5	74.3	61.4	56.7	46.0	31.6	53.4
1966	21.5	27.1	46.2	51.4	64.2	74.2	81.5	72.7	66.1	53.3	41.5	28.1	52.3
1967	33.6	37.0	47.4	57.6	59.4	70.9	77.3	73.8	66.4	56.1	41.4	30.5	54.3
1968	32.3	36.3	45.5	52.1	58.7	74.8	76.6	73.9	67.2	57.0	39.1	27.2	53.4
1969	34.9	37.7	33.2	56.9	64.8	68.7	78.7	77.2	69.0	48.5	42.1	34.0	53.8
1970	32.2	40.1	36.7	51.3	66.2	72.6	78.0	78.5	65.5	49.7	41.1	34.9	53.9

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

LAS ANIMAS

05 4834 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	YEARS				EXTREMES				MEAN NO. OF DAYS			SNOW, SLEET				MEAN NO. OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	47.2	12.8	30.0	78.	1951	26	-25.	1962	11	0.0	4.5	30.7	4.3	.35	.95	1960	14	4.2	6.	1966	22	1.1	.1	0.0
FEB	52.6	18.2	35.4	83.	1962	11	-23.	1960	28	0.0	2.5	27.1	1.6	.30	.66	1960	14	3.8	12.	1960	29	1.2	.1	0.0
MAR	55.4	23.8	41.7	86.	1966	31	-21.	1960	3	0.0	1.0	26.4	.2	.54	.70	1953	31	4.0	12.	1960	4	1.5	.1	0.0
APR	71.4	35.5	53.5	92.	1962	20	5.	1957	8	.9	0.0	10.5	0.0	1.03	1.85	1957	2	1.3	7.	1964	4	2.3	.5	.3
MAY	81.0	46.3	63.7	101.	1967	24	24.	1967	1	6.5	0.0	.8	0.0	2.03	2.03	1955	19	.2	0.	0	0	3.6	1.4	.5
JUN	91.0	56.1	73.6	109.	1954	23	35.	1951	2	18.3	0.0	0.0	0.0	1.49	1.93	1968	1	0.0	0.	0	0	3.3	1.0	.5
JUL	95.7	61.4	78.6	108.	1954	11	45.	1952	8	25.0	0.0	0.0	0.0	2.38	3.60	1958	5	0.0	0.	0	0	4.9	1.6	.8
AUG	93.4	59.1	76.3	107.	1963	1	43.	1964	28	22.5	0.0	0.0	0.0	1.70	2.70	1953	17	0.0	0.	0	0	3.4	1.1	.3
SEP	86.2	49.5	67.9	103.	1960	2	28.	1961	25	12.1	0.0	.2	0.0	.92	1.52	1969	17	0.0	0.	0	0	2.1	.5	.2
OCT	74.1	36.5	55.3	96.	1954	2	16.	1969	13	2.1	0.0	9.7	0.0	.78	1.40	1960	18	.4	1.	1969	13	2.3	.7	.1
NOV	58.3	23.8	41.1	82.	1958	10	-10.	1952	27	0.0	.6	26.3	.5	.49	.84	1958	17	2.4	9.	1956	17	1.4	.2	0.0
DEC	42.2	15.9	32.6	81.	1955	24	-22.	1961	12	0.0	3.1	30.6	1.5	.26	.56	1960	10	3.8	8.	1965	17	.8	.1	0.0
ANNUAL	71.6	36.6	54.1							68.	12.	162.	8.	12.3				21.				28.	7.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.43	0.00	.36	.35	0.00	0.00	0.00	0.00	7.20
.10	0.00	0.00	.08	.07	.62	0.00	.56	.50	.13	.06	.06	0.00	8.08
.20	.04	.04	.17	.20	.92	.21	.90	.75	.29	.17	.14	.07	9.23
.30	.10	.08	.26	.25	1.19	.44	1.23	.98	.43	.29	.22	.11	10.14
.40	.16	.13	.34	.32	1.44	.70	1.58	1.21	.59	.41	.38	.16	10.95
.50	.23	.19	.43	.43	1.75	1.00	1.95	1.46	.74	.56	.49	.20	11.76
.60	.32	.26	.54	.54	2.07	1.36	2.38	1.73	.92	.74	.61	.25	12.60
.70	.43	.36	.67	.67	2.45	1.83	2.91	2.07	1.15	.96	.78	.32	13.54
.80	.59	.50	.84	.84	2.98	2.49	3.62	2.51	1.45	1.27	.97	.41	14.70
.90	.87	.73	1.12	1.12	3.61	3.61	4.78	3.22	1.95	1.80	1.07	.54	16.42
.95	1.15	.97	1.39	1.39	4.56	4.73	6.90	3.89	2.44	2.31	1.34	.70	17.93
ALPHA	.49	.97	1.69	1.08	2.35	1.25	1.76	2.24	1.62	1.16	1.44	1.65	13.42
BETA	.40	.34	.33	1.01	1.86	1.59	1.36	.76	.60	.72	.35	.17	.90
0	.11	.11	.05	.05	0.00	.10	0.00	0.00	.05	.05	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTER TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

LAS ANIMAS

05 4834 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.78	.12	.29	.64	1.49	3.73	1.07	2.12	.27	.71	.65	.26	12.13
1952	.33	.25	.75	1.50	.69	T	.22	1.09	2.16	T	.70	.16	7.85
1953	.20	.34	1.60	1.68	2.93	.34	.96	4.20	T	.53	1.34	.78	14.60
1954	.40	.03	.34	.10	1.94	.00	1.71	.69	1.10	1.36	.03	.20	7.90
1955	.10	.23	.12	.25	3.95	.70	.17	2.72	.47	.10	.15	.08	9.04
1956	.41	.43	.38	1.10	1.25	.22	4.14	2.90	.03	.14	.44	.22	11.66
1957	.15	.05	.64	4.40	2.43	1.71	2.61	1.47	.82	1.15	1.00	.03	16.46
1958	.66	.37	1.06	.80	4.47	2.05	6.18	1.14	.35	.69	1.00	.10	18.87
1959	1.15	.46	.23	.97	2.15	.54	1.35	1.97	1.40	2.15	.46	T	12.83
1960	1.38	1.82	.12	2.17	.92	.54	4.72	.23	.65	2.85	.15	1.07	16.62
1961	.02	.81	.94	.24	1.65	2.32	2.760	2.88	.87	.22	.72	.12	13.55*
1962	.28	.05	.61	.37	2.53	1.56	3.31	.14	.19	.39	.78	.11	10.32
1963	.12	.11	.83	.00	.93	1.33	.99	2.16	1.39	.16	.42	.26	8.70
1964	.01	.26	.05	1.17	4.84	.02	.95	1.10	.78	.06	.16	.140	9.54*
1965					1.570	5.67	3.09				.03	.57	34.5
1966	.49	.40	T	.77	.18	.34	1.29	1.52	1.91	.45	T	.16	7.51
1967	.16	T	.16	.01	1.90	1.19	3.46	1.14	1.02	.70	.74	.26	10.74
1968	.10	.10	.37	.69	.56	3.29	2.97	1.15	.74	.28	.28	.30	10.63
1969	T	.11	.87	1.60	2.56	3.38	1.86	1.60	2.47	2.02	.28	.29	17.04
1970	T	T	.81	1.17	1.63	.94	3.68	2.10	.90	.92	.51	.00	12.86

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							8.8	1.5	3.0	.0	.0	T	
51-52	.0	T	.0	.0	2.1	2.5	3.5	3.0		5.0	.0	.0	
52-53	.0	.0	.0	.0	7.0		2.0	.0	T	T	T	.0	
53-54	.0	.0	.0	.0	3.5	9.0	5.0	T		.0	4.0	.0	
54-55	.0	.0	.0	.0	.5	3.0	1.0	3.5	1.8	.0	.0	.0	9.8
55-56	.0	.0	.0	.0		1.0	4.5	4.3		3.5	.0	.0	
56-57	.0	.0	.0	.0			2.5	T	T		.0	.0	
57-58	.0	.0	.0	.0	6.0	.0	6.5	2.0		.0	.0	.0	
58-59	.0	.0	.0	.0	12.0	1.0	13.5	5.0	T	.6	.0	.0	32.1
59-60	.0	.0	.0	4.0	.9	.0	8.0	27.9	3.0	2.0	.0	.0	45.8
60-61	.0	.0	.0	.0	3.0	16.3	.6	10.6	7.0	1.1	.0	.0	38.8
61-62	.0	.0	.0	.0	.5	6.7	5.8	1.1	5.8	T	.0	.0	19.9
62-63	.0	.0	.0	.0	6.0	1.3	4.5	.3	7.8	.0	.0	.0	19.9
63-64	.0	.0	.0	.0	.0	3.5	.5	6.0		7.0	.0	.0	
64-65	.0	.0	.0	.0	.0						.0	.0	
65-66	.0	.0	.0	.0	T		8.1		T		.0	.0	
66-67	.0	.0	.0	.0	T	3.0		T	3.5	.0	.0	.0	
67-68	.0	.0	.0	.0	1.0		T	4.0	5.0	.0	.0	.0	
68-69	.0	.0	.0	.0	.0	9.5	T	.0	18.0	.0	.0	.0	27.5
69-70	.0	.0	.0	1.0	T	T	T	.0	13.5	2.5	.0	.0	17.0

LAS ANIMAS

05 4834 1

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	45.7	57.0M	61.7	69.5	81.3	84.1	94.6	94.8	84.6	74.0	54.8	52.4	71.2*
1952	52.7	55.6	57.9	69.9	80.8	88.2	98.1	95.5	87.5	74.6	51.1	46.7	72.4
1953	59.9	55.5	65.7	67.0	76.7	96.1	96.3	92.4	89.4	75.8	60.4	46.3	73.5
1954	48.4	65.3	58.9	80.2	78.7	96.2	98.1	94.6	90.8	72.0	63.5	54.6	75.1
1955	48.3	49.7	65.4	74.4	79.8	85.9	97.3	93.9M	86.2	78.1	58.9	51.5	72.5*
1956	51.1	44.6	63.9	70.3	85.2	96.7	93.0	90.9	90.9	79.5	57.8	54.1	73.2
1957	45.5	60.0	57.7	64.0	75.4	88.1	96.6	94.5	84.7	71.0	52.9	60.2	70.9
1958	49.4	49.3	44.9	67.2	83.0	91.6	92.0	94.6	90.2	76.1	60.0	51.5	70.8
1959	45.5	48.9	62.9	70.9	82.0	94.0	95.2	95.0	83.9	67.6	58.5	51.0	71.3
1960	38.8M	34.6	52.5	74.6	80.3	91.3	92.6	95.3	85.7	70.6	58.2	38.8	67.8*
1961	42.3	51.0	58.1	68.6	80.0	89.1		91.4	81.3	75.9	53.3	44.4	
1962	37.8	56.7	59.5	73.7	85.3	86.5	93.2	95.7M	85.1	77.5	59.7	52.3	71.9*
1963	39.3	58.5M	63.1	77.0	85.6	94.6	100.4	93.6M	89.7	81.7	62.5	41.8	74.0*
1964	51.3	45.5M	57.1M	69.3M	82.7M	89.1M	100.1	94.2M	83.7M				
1965							95.0M				65.1	49.7	
1966	37.5	41.2	65.9	70.9	84.6	91.6	98.4	89.4	83.8	73.4	60.2	47.5	70.4
1967	52.3	57.4	69.5	77.5	77.7	87.5	93.2	89.7	83.9	78.1	60.1	44.2	72.6
1968	50.1	54.0	63.4	69.2	77.2	93.3	94.2	89.6	86.5	78.2M	55.1	45.0	71.3*
1969	52.0	55.0	47.8	73.6	79.5	85.5	95.6	94.4	84.7	62.6	59.4	49.3	70.0
1970	48.6	60.1	53.1	68.4	83.8	89.4	94.5	95.1	85.4M	66.8	56.5	54.4	71.3*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.6	18.2M	21.5	32.9	46.1	52.6	61.8	58.9	47.7	34.5	20.3	14.0	35.1*
1952	15.8	17.9	23.8	36.4	45.7	59.7	59.2	59.6	49.9	33.3	19.5	16.1	36.4
1953	19.2	16.9	27.2	33.9	44.4	58.1	62.0	60.2	48.0	38.3	26.2	17.6	37.7
1954	14.0	22.8	23.8	37.0M	47.0	57.4	63.2	58.3	52.5	38.1	24.5	15.8	37.9*
1955	14.9	12.4	19.7	36.1	47.5	54.7	61.0	61.2	49.4	34.8	19.6	16.5	35.7
1956	15.3	13.1	22.5	33.1	48.0	59.6	59.8	56.3	47.4	37.3	20.5	16.5	35.8
1957	11.5	22.3	27.4	35.3	45.0	53.5	62.3	59.7	46.3	41.0	25.1	18.0	37.3
1958	12.3	23.3	24.8	34.5	49.5	57.9	59.8	59.4	52.2	35.2	22.2	19.2	37.5
1959	11.1	19.9	22.8	33.6	47.6	58.1	56.8	59.8	47.1	35.0	20.7	18.4	35.9
1960	8.2M	8.7	22.3	37.6	43.3	54.6	59.0	58.2	49.2	37.7	23.0	14.0	34.7*
1961	12.6	19.2	27.0	33.0	45.8	55.1		58.9	46.2	32.4	23.6	11.2	
1962	4.8	20.4	20.5	38.1	47.5	55.0	59.7	56.5	49.6	37.5	25.9	18.9	36.2
1963	3.9	20.3M	27.5	38.1	48.8	56.9	63.5M	60.8M	54.5	42.1M	25.0	10.9	37.7*
1964	14.5	15.7M	19.1M	34.1M	45.9M	54.8M	62.6	57.1M	50.3M				
1965							59.5M				29.6	17.5	
1966	7.5	15.3	26.5	35.0	44.8	57.5	65.7	58.8	52.1	35.5	25.9	13.5	36.5
1967	17.5	19.6	29.5	40.3	43.5	54.1	61.8	57.3	48.6	36.6	24.1	15.0	37.3
1968	15.5	19.6	26.2	33.4	43.3	57.5	61.4	58.5	49.1	36.8M	25.0	12.3	36.5*
1969	15.2	21.3	19.6	39.8	49.6	53.3	63.7	62.7	54.0	36.2	24.7	19.7	38.7
1970	13.7	19.2	21.2	33.2	47.0	55.4	63.0	61.3	48.1M	34.5	26.4	16.7	36.6*

CLIMATOLOGY REPORT NO. 77-1

LEADVILLE

05 4884 :

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	AVERAGE			EXTREMES								MEAN NO OF DAYS				SNOO, SLEET				MEAN NO OF DAYS				
	MAXIMUM	MINIMUM	MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
										90° OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	29.6	6.7	18.2	55.	1959	12	-34.	1963	12	0.0	18.1	31.0	8.3	1.52	.92	1963	25	16.0	53.	1952	1	4.5	.5	0.0
FEB	31.4	6.1	18.0	58.	1958	19	-31.	1951	1	0.0	14.1	28.2	7.7	1.33	1.31	1960	9	14.3	42.	1952	6	4.1	.4	.1
MAR	34.6	9.4	22.1	58.	1966	13	-22.	1965	3	0.0	12.3	30.9	5.8	1.35	.89	1955	10	14.4	47.	1965	28	4.7	.2	0.0
APR	42.8	18.7	30.8	64.	1969	22	-3.	1970	4	0.0	4.5	29.5	.3	1.48	.85	1958	8	16.5	36.	1965	2	3.9	.3	0.0
MAY	55.5	28.4	41.9	75.	1967	23	8.	1953	3	0.0	.3	23.4	0.0	1.11	1.19	1957	15	5.7	11.	1969	7	3.5	.4	.1
JUN	65.7	35.7	51.8	86.	1954	23	20.	1954	2	0.0	0.0	8.4	0.0	.93	.93	1966	26	2.3	3.	1966	8	3.0	.3	0.0
JUL	72.0	41.6	56.8	85.	1963	19	30.	1968	1	0.0	0.0	.2	0.0	1.92	1.08	1952	28	0.0	0.	0	0	6.1	.6	0.0
AUG	69.0	41.1	54.5	82.	1961	5	27.	1968	24	0.0	0.0	1.3	0.0	1.96	1.11	1951	2	0.0	0.	0	0	6.4	.6	0.0
SEP	62.7	33.5	48.1	82.	1960	4	15.	1965	21	0.0	.2	11.7	0.0	1.22	1.25	1959	29	4.7	19.	1959	30	4.0	.4	.1
OCT	52.2	24.9	38.6	71.	1958	18	2.	1969	12	0.0	1.3	27.6	0.0	1.05	1.22	1959	1	10.4	27.	1959	1	3.0	.4	.1
NOV	38.4	14.1	26.3	59.	1966	5	-17.	1952	26	0.0	8.1	29.9	3.0	1.05	.54	1966	8	12.2	14.	1964	19	3.5	.1	0.0
DEC	30.8	7.6	19.2	55.	1965	4	-19.	1961	12	0.0	17.4	31.0	7.4	1.49	1.32	1958	12	21.9	54.	1952	30	4.4	.4	.1
ANNUAL	48.4	22.0	35.2							0.	76.	253.	32.	16.4				118.				51.	5.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.28	.40	.65	.47	.33	.15	.69	.69	.18	.11	.43	.33	12.36
.10	.41	.53	.67	.61	.43	.23	.87	.47	.29	.19	.53	.47	13.17
.20	.63	.77	.82	.82	.59	.37	1.13	1.14	.46	.34	.66	.69	14.19
.30	.84	.88	.90	.90	.73	.50	1.35	1.37	.63	.48	.77	.88	14.95
.40	1.05	1.04	1.13	1.17	.58	.63	1.56	1.50	.81	.62	.88	1.04	15.63
.50	1.28	1.20	1.27	1.34	1.00	.77	1.77	1.81	1.00	.82	.98	1.29	16.28
.60	1.54	1.33	1.42	1.54	1.16	.93	2.01	2.05	1.22	1.02	1.10	1.53	16.95
.70	1.86	1.59	1.59	1.77	1.34	1.13	2.28	2.34	1.50	1.24	1.23	1.81	17.68
.80	2.28	1.87	1.81	2.07	1.57	1.40	2.62	2.70	1.86	1.64	1.39	2.15	18.57
.90	2.95	2.30	2.15	2.53	1.94	1.83	3.16	3.26	2.45	2.22	1.65	2.77	19.85
.95	3.59	2.69	2.46	2.95	2.28	2.24	3.65	3.77	3.03	2.74	1.88	3.13	20.95
ALPHA	2.03	3.30	5.20	3.60	3.28	1.89	4.31	4.15	1.76	1.42	5.41	2.42	39.35
BETA	.75	.39	.28	.41	.34	.49	.45	.47	.70	.74	.19	.62	.42
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

LEACVILLE

05 4884 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.08	1.82	.76	2.76	1.11	.65	.88	2.39	.54	1.08	1.28	3.97	19.32
1952	2.13	1.12	2.24	1.81	.98	.27	2.91	1.47	.88	.01	1.85	1.23	16.99
1953	1.33	1.11	1.49	1.27	1.36	.30	1.90	.70	.74	1.50	1.11	.53	13.34
1954	.45	.67	1.24	.52	1.09	.32	2.42	1.00	2.09	1.16	1.13	.49	12.58
1955	.79	1.47	1.85	.32	1.37	.42	1.48	3.03	.19	1.17	1.75	1.04	14.88
1956	1.99	1.30	.80	1.72	.73	1.27	1.22	1.16	5.15	.91	.76	1.16	13.17
1957	3.00	.86	1.87	2.95	3.31	.97	3.28	2.01	.36	.58	.94	2.01	22.14
1958	1.02	2.07	1.61	1.66	.35	.83	.28	1.35	.63	.22	.86	2.04	12.92
1959	1.82	2.12	1.44	1.74	.84	1.42	.84	1.60	3.75	2.32	.95	.15	18.99
1960	.73	3.04	1.84	1.06	.88	.64	1.90	.34	.79	.96	.75	1.49	14.42
1961	.40	.98	2.29	1.88	1.02	.21	1.61	2.17	3.28	1.72	1.04	1.74	18.34
1962	3.89	2.30	.75	2.42	.95	.26	1.12	1.52	.53	1.16	.60	.76	16.26
1963	2.52	1.85	1.48	.45	.40	1.11	1.75	4.00	1.53	1.33	.26	1.08	17.76
1964	.28	.35	1.21	1.60	.99	.85	2.48	1.75	.83	.37	1.48	3.00	15.19
1965	2.18	.57	2.19	.71	.66	1.61	2.76	2.60	1.47	.47	1.37	1.12	17.71
1966	.27	.66	.70	1.40	1.13	1.91	1.91	2.35	.51	.67	.80	1.62	13.93
1967	1.37	1.36	.83	1.20	1.19	1.40	2.30	2.41	1.19	.49	.96	2.19	16.89
1968	.44	1.71	.56	1.28	.78	.13	3.10	3.05	1.26	.27	1.45	1.03	15.06
1969	2.32	.38	.51	.84	2.78	2.48	2.10	1.65	1.38	3.20	.36	2.61	20.61
1970	1.44	.81	1.43	2.00	.34	1.50	2.15	2.74	2.38	1.42	1.23	2.55	17.99

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							26.3		10.0	26.1	1.5		
51-52													
52-53		.0	2.0	.0									
53-54			.0										
54-55													
55-56											.0	.0	
56-57	.0	.0	.0										
57-58								24.0		17.5	.0	.0	
58-59	.0	.0							19.8	5.5	.0	.0	
59-60	.0	.0	36.5	18.5	8.0				9.0	3.0	.0	.0	
60-61	.0	.0	.0		7.7	14.5	4.0					.0	
61-62	.0	.0											
62-63	.0	.0	.0	16.3	7.0	11.0	15.0	11.0	8.0	3.0	1.0	2.0	74.3
63-64	.0	.0			5.6	13.9	5.9	6.1	14.8	25.0	6.0	6.9	
64-65	.0	.2	T	3.8	24.1	50.2	26.1	8.5	37.1	10.7	7.7	4.2	172.6
65-66	.0	.0	4.0	3.8	21.6	18.9	5.3	10.0	10.6	21.7	6.5	2.7	105.1
66-67	.0	.0	.0	7.6	11.7	18.6	24.6	25.8	12.3	15.7	3.1	T	119.4
67-68	.0	.0	.6	1.2	12.2	32.1	4.5	27.6	10.9	18.0	10.2	.0	117.3
68-69	.0	.0	6.3	.9	19.5	15.0	27.7	5.7	7.4	12.2	26.4	9.5	130.6
69-70	.0	.0	T	34.5	4.9	36.7	20.6	10.1	18.6	19.2	2.8	4.5	151.9

LEADVILLE

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.2	34.1	32.6	39.9	53.8	61.3M	74.3	68.3	63.9	48.5	36.0	23.7	46.8*
1952	27.9	28.9	30.0	45.0	53.9	70.0	71.2	67.2	64.7	58.1	33.0	27.9	48.2
1953	32.0	28.8	36.9M	38.6	49.1		71.7	68.9	66.0	53.0	39.9	25.2	
1954	33.5	36.8	33.7	50.4	56.5	68.9	73.1	71.0M	63.3	53.1	42.7	32.6	51.4*
1955	25.9	24.8	32.9	41.8	53.8	63.1M	72.8	70.1	66.2	54.5	35.3	22.8	47.8*
1956	32.8	27.7	36.0M	41.8	59.5	70.6	71.9	67.8	68.5	55.3M	32.3	32.2M	49.7*
1957	26.0	37.9	34.7	39.3	50.0	63.0	69.7	69.0	61.9	50.9	31.6	30.8	47.1
1958	29.4	34.3	34.5	39.4	60.9M	69.0	72.2M	72.6	65.5	55.3	41.9	33.7	50.7*
1959	30.0	28.9	32.5	41.7	54.7	69.2M		68.9	59.7	46.9	37.9	35.1	
1960	28.6	23.8	35.9M	45.8M	55.3	67.3		72.0	66.4	50.5	40.3	31.0	
1961	32.9	31.3	36.5	39.6	56.1	67.2M	70.7M	69.4	54.6	50.3	35.9	24.1	47.4*
1962	27.0	31.5	31.0	46.0	54.5	64.6	69.4M	69.0	62.6	55.0	42.3	34.7	49.0*
1963	24.3	33.5M	34.9M	44.0	58.6M	65.6M	72.9M	66.0		57.8	43.1	30.7M	
1964	26.8	24.3	29.7	40.0	54.0	61.6	72.7	65.1	60.8	53.5	37.4	29.3	46.3
1965	32.6	30.8	29.9	42.8	52.5M	63.8	72.1	66.7	55.9	57.4	42.3	36.9	48.6*
1966	30.3	30.3	42.0	46.4	59.4	67.2	75.4M	70.0	65.6	52.7	43.7	32.5	51.3*
1967	32.5	33.8	42.3	46.6	53.8	63.3	72.2	68.0	62.8	53.1	41.5	27.4	49.8
1968	36.0	35.9	40.5	40.7	52.6	68.3	70.4	65.0	59.4	52.5	35.7	29.4	48.9
1969	33.5	34.8	33.5	48.6	60.5	60.4	72.3	72.8	63.7	41.7	38.2	32.6	49.4
1970	28.4	36.6	33.3	37.5	57.6	64.3	71.7	71.3	59.3	44.5	37.1	32.6	47.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.8	8.1	7.7	18.9	28.9	32.6M	42.3	40.8	33.3	23.7	11.1	6.5M	22.4*
1952	6.3	4.1M	5.0	20.3	28.7M	38.9	42.0	40.4	35.4	27.4M	9.8	6.1	22.0*
1953	12.3	4.4	13.3M	17.6	25.7		43.5	39.4	34.9	25.2	17.7	4.3	
1954	12.5	12.1	9.2	23.8	30.0	36.8	43.0	40.1M	36.5	27.3	18.4	7.7	24.8*
1955	3.3	- 1.2M	6.7M	16.6	27.1	33.9M	41.2	42.0	35.2	25.2	12.6	12.2M	21.4*
1956	11.3M	2.0M	10.2	19.2	31.2	38.9	40.5	38.4	35.6	24.7	8.3M	7.3M	22.3*
1957	5.0	14.7	11.5	17.1	26.9	35.9M	42.4	41.4	31.9	27.0	9.7M	9.3	22.7*
1958	5.2M	11.9	7.5	16.4	31.4	39.5	42.0M	42.4	34.7	26.4	16.7	12.5	23.9*
1959	7.5	6.4	8.9	18.8	29.7	38.9M		41.6	33.2	22.9M	13.8M	10.6	
1960	4.8	.9M	14.2M	20.5M	27.6	38.7		40.4	35.6	25.5	16.7	7.0M	
1961	6.7	7.7	12.7	18.7	28.9	37.0M	40.2M	42.1	29.6	23.6	10.8	3.2	21.8*
1962	4.2	11.2	6.7	23.2	28.5	34.6	39.6M	39.7	35.1	27.7	19.6	11.5	23.5*
1963	2.5	10.9	9.7M	20.0	30.9M	36.4M	42.9M	41.9		30.7	19.0	6.8M	
1964	2.5	.3	5.5	17.5	26.0	34.4	42.5	39.0	34.2	27.2	14.3	7.4	21.0
1965	9.2	4.6	7.2	19.2	26.2	31.8	39.2	35.8	29.5	23.8	16.0	8.0	20.9
1966	- 1.4	.5	10.5	16.9	27.9	33.7	42.6M	39.2	33.8	22.7	17.7	5.3	20.7*
1967	6.9	4.4	16.6	19.4	26.2	33.6	41.5	37.3	33.4	25.8	15.2	2.3	21.9
1968	6.7	9.3	10.5	15.6	25.7	35.0	39.9	38.0	30.2	24.5	8.4	5.9	20.8
1969	9.3	4.1	6.1	21.7	30.2	34.0	42.4	41.1	33.8	18.0	11.6	9.3	21.8
1970	4.0	8.1	7.2	12.3	27.4	34.3	40.3	40.7	31.0	19.7	14.7	7.9	20.6

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
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	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	YEARS				EXTREMES				MEAN NO. OF DAYS			SIGN. SLEET				MEAN NO. OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW													32 OR BELOW
JAN.																								
FEB																								
MAR																								
APR																								
MAY																								
JUN																								
JUL																								
AUG																								
SEP																								
OCT																								
NOV																								
DEC																								
ANNUAL																								

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.24	.55	1.17	1.52	1.68	1.82	1.97	2.16	2.31	2.46	2.61
.10	.07	.03	.55	.90	1.48	1.78	1.94	2.09	2.24	2.43	2.58	2.73	2.88
.20	.16	.10	.53	.74	1.32	1.61	1.77	1.92	2.07	2.26	2.41	2.56	2.71
.30	.23	.18	.59	.76	1.32	1.61	1.77	1.92	2.07	2.26	2.41	2.56	2.71
.40	.31	.27	.85	1.18	1.69	1.98	2.13	2.28	2.43	2.62	2.77	2.92	3.07
.50	.40	.38	1.03	1.42	2.06	2.35	2.50	2.65	2.80	3.00	3.15	3.30	3.45
.60	.50	.50	1.17	1.68	2.37	2.66	2.81	2.96	3.11	3.31	3.46	3.61	3.76
.70	.60	.60	1.47	2.00	2.75	3.04	3.19	3.34	3.53	3.73	3.88	4.03	4.18
.80	.79	.79	1.78	2.42	3.25	3.54	3.69	3.84	4.03	4.23	4.38	4.53	4.68
.90	1.06	1.39	2.27	3.09	3.95	4.24	4.39	4.54	4.73	4.93	5.13	5.33	5.53
.95	1.32	1.63	2.77	3.72	4.63	4.92	5.07	5.22	5.41	5.61	5.81	6.01	6.21
ALPHA	1.60	.95	2.21	2.33	4.18	1.99	2.70	2.45	1.10	1.68	1.27	2.98	53.71
BETA	.33	.64	.57	.71	.79	1.43	1.03	.72	.47	.67	.54	.20	.34
Q	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.52	.58	.37	1.97	2.50	3.95	2.08	2.57	2.53	1.89	.44	1.04	20.44
1952	.59	1.09	1.71	2.16	4.36	.04	.77	1.88	.98	.24	1.66	.73	16.21
1953	.66	1.15	.75	4.39	1.25	2.57	1.07	1.90	.06	.96	2.60	1.10	18.46
1954	.26	.82	1.92	.79	2.13	2.05	4.23	1.27	.96	.89	.09	.40	15.01
1955	.52	1.13	.65	1.60	3.67	4.83	1.77	3.20	1.11	.39	.78	.17	15.82
1956	.67	.40	1.11	.98	1.23	3.66	2.15	2.42	.40	.68	2.85	.65	17.20
1957	.28	.04	1.54	2.71	5.15	2.31	2.67	.76	.21	1.66	.45	.39	18.17
1958	.28	1.55	2.32	3.27	3.86	3.39	4.30	1.03	1.00	.36	.48	.86	22.71
1959	.94	.49	3.04	.67	5.06	1.91	1.33	1.65	1.75	2.27	.15	.54	15.80
1960	1.86	1.41	1.21	1.26	4.20	2.96	1.17	.23	1.27	1.59	.34	1.08	18.58
1961	.13	.25	2.93	1.32	3.44	1.07	5.03	1.03	2.19	.14	.49	.27	18.29
1962	.66	.45	1.27	.46	5.63	3.72	4.83	.72	.10	.96	.47	.59	15.86
1963	.66	.39	.68	.41	2.64	2.04	4.52	3.53	1.76	.89	.59	.48	18.59
1964	.04	1.40	1.05	3.56	1.69	4.04	.66	1.09	.04	.30	.08	.22	14.17
1965	.74	.63	.68	.32	4.52	5.66	5.16	1.07	2.43	2.09	.12	1.08	24.50
1966	.74	.24	.70	1.85	.84	3.74	2.97	2.78	1.79	.96	.33	.24	17.27
1967	.14	.01	.17	1.09	4.95	5.50	1.08	.83	1.18	.46	.48	.89	16.78
1968	T	.25	.43	1.39	3.52	.73	3.86	3.05	.22	.61	.46	.45	14.97
1969	.07	.12	.33	.81	4.07	2.84E	1.40	5.02	.18	4.42	.40	.30	19.96
1970	.25	T	1.24	1.88	1.74	2.12	4.38	.99	1.19	.90	.86	.15	15.70

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.0	7.4	5.0	7.3	T	T	47.9
51-52	.0	.0	.5	1.0	3.5	11.5	2.0	11.3	15.2	2.9	.0	.0	60.5
52-53	.0	.0	.0	3.0	17.1	8.4	7.7	8.5	2.0	12.8	1.0	.0	66.9
53-54	.0	.0	.0	.0	21.6	16.8	3.9	.3	14.3	2.0	11.0	.0	43.0
54-55	.0	.0	.0	T	1.0	5.0	8.0	15.8	11.7	1.5	.0	.0	17.5
55-56	.0	.0	T	T	6.2	2.9	7.5	5.5	11.1	5.5	.0	.0	38.7
56-57	.0	.0	.0	6.2	26.5	8.2	5.0	T	19.8	14.8	4.0	.0	84.5
57-58	.0	.0	.0	1.4	6.8	2.2	4.3	18.5	21.5	16.4	.0	.0	71.1
58-59	.0	.0	.0	1.0	8.8	11.0	13.7	5.5	26.8	5.5	.0	.0	72.3
59-60	.0	.0	2.0	11.5	2.0	5.0	20.0	17.5	12.4	.5	.0	.0	70.9
60-61	.0	.0	.0	.5	7.0	11.5		2.9	26.0	13.6	6.0	.0	22.5
61-62	.0	.0	.0	T	6.5	7.5	6.0	5.5	7.8	.0	T	.0	39.3
62-63	.0	.0	.0	.0	6.4	5.6	9.1	4.4	5.8	2.5	.0	.0	33.8
63-64	.0	.0	.0	.0	3.0	7.6	.2	16.8	13.3	11.5	.0	.0	52.4
64-65	.0	.0	.0	.0	1.0	.2	13.0	7.0	11.6	T	.0	.0	32.8
65-66	.0	.0	.0	.0	1.0	7.0	12.5	2.7	4.0	1.0	.0	.0	28.2
66-67	.0	.0	.0	6.5	4.0	2.0	2.0	.5		3.0	1.0	.0	
67-68	.0	.0	.0	.0		11.8	.2	.1	4.5	7.0	.0	.0	
68-69	.0	.0	.0	.0	.0			.0		.0	.0	.0	
69-70	.0	.0	.0	33.0		3.0		.0		.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
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	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	43.5	12.8	28.1	72.	1956	5	-29.	1963	12	0.0	6.6	30.7	4.8	.27	.60	1963	11	3.8	10.	1960	18	1.2	.1	0.0
FEB	46.4	16.1	31.2	73.	1962	11	-24.	1960	25	0.0	4.3	27.6	2.1	.23	.40	1960	14	3.4	4.	1965	11	.9	0.0	0.0
MAR	49.5	19.6	34.5	81.	1963	28	-22.	1960	3	0.0	4.0	29.5	1.4	.77	.77	1952	21	8.3	8.	1952	21	3.0	.2	0.0
APR	61.2	29.7	45.5	83.	1965	22	-2.	1959	10	0.0	.4	19.3	0.0	1.01	1.09	1957	2	2.5	7.	1959	9	2.6	.6	.1
MAY	71.5	40.6	56.1	92.	1964	25	20.	1954	2	.5	0.0	3.6	0.0	2.47	2.00	1967	26	1.0	2.	1951	30	5.4	1.6	.5
JUN	81.8	49.1	65.5	103.	1954	23	30.	1951	2	7.4	0.0	.1	0.0	1.96	1.85	1959	19	0.0	0.	0	0	5.2	1.1	.4
JUL	87.9	55.5	71.7	104.	1954	11	40.	1952	8	14.8	0.0	0.0	0.0	2.59	1.75	1960	5	0.0	0.	0	0	11.5	1.7	.5
AUG	85.8	54.1	69.9	100.	1969	8	39.	1964	23	10.2	0.0	0.0	0.0	2.65	3.72	1965	19	0.0	0.	0	0	4.7	1.5	.5
SEP	78.1	44.8	61.5	98.	1959	6	23.	1961	30	2.8	0.0	1.3	0.0	1.10	1.10	1967	15	.3	4.	1959	29	3.2	.9	.1
OCT	66.8	34.1	50.5	89.	1964	2	6.	1969	13	0.0	.1	12.7	0.0	.80	1.52	1960	18	2.1	8.	1959	1	2.0	.3	.1
NOV	52.4	22.2	37.3	75.	1964	8	-16.	1955	16	0.0	2.5	27.6	.6	.38	.82	1962	15	3.2	5.	1962	15	.9	.1	0.0
DEC	45.1	15.8	30.5	75.	1965	4	-23.	1961	12	0.0	4.6	30.2	1.8	.24	.68	1960	6	2.7	5.	1969	5	.9	.1	0.0
ANNUAL	64.2	32.9	48.6							36.	23.	183.	11.	14.5				27.				41.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.21	0.00	.59	0.00	.31	.66	0.00	0.00	0.00	0.00	5.87
.10	.02	0.00	.28	.10	.82	.88	.54	.91	.16	.05	.07	0.00	9.90
.20	.06	0.00	.39	.26	1.18	.84	1.12	1.29	.35	.16	.14	.02	11.24
.30	.09	.07	.49	.41	1.50	1.13	1.47	1.64	.51	.28	.19	.06	12.28
.40	.14	.12	.59	.58	1.82	1.42	1.82	1.98	.69	.41	.25	.10	13.22
.50	.19	.17	.69	.77	2.16	1.71	2.20	2.33	.88	.56	.32	.15	14.14
.60	.25	.23	.80	.94	2.54	2.04	2.63	2.73	1.10	.74	.39	.22	15.11
.70	.33	.30	.93	1.25	2.99	2.43	3.15	3.20	1.37	.98	.47	.30	16.18
.80	.44	.40	1.10	1.63	3.58	2.94	3.84	3.82	1.73	1.31	.59	.41	17.51
.90	.63	.55	1.36	2.25	4.52	3.75	4.94	4.80	2.32	1.87	.77	.60	19.46
.95	.82	.70	1.61	2.87	5.40	4.51	5.99	5.72	2.69	2.42	.95	.79	21.18
ALPHA	1.09	1.56	3.01	1.31	2.61	2.49	2.17	2.72	1.63	1.08	1.90	1.03	14.73
BETA	.26	.19	.26	.81	.95	.83	1.19	.97	.71	.78	.21	.27	9.98
C	.05	.20	0.00	.05	0.00	.05	0.00	0.00	.05	.05	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 C = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.23	.09	.29	1.44	2.73	2.39	3.25	1.87	.48	1.99	.84	.04	15.64
1952	.12	.07	1.04	1.46	1.47	T	.38	5.66	.68	.10	.60	.03	11.61
1953	.05	.33	.55	1.56	2.75	1.80	1.93	2.77	.05	.62	.48	.25	13.14
1954	.10	T	.45	.02	1.49	.66	.89	6.94	.21	.92	.15	.30	12.13
1955	.04	.47	.41	.85	2.43	1.69	1.52	2.29	.93	.12	.18	T	10.93
1956	.48	.10	.80	.21	.88	.59	4.02	2.38	.00	.37	.75	.23	10.73
1957	.32	.25	.78	4.27	4.79	1.82	3.35	3.60	.96	.72	.53	.21	21.62
1958	.30	.41	1.25	1.13	3.55	3.80	2.65	1.88	1.49	.95	.41	.11	17.93
1958	.35	.44	1.10	1.02	2.47	4.67	.16	.90	2.03	1.58	.10	T	14.82
1960	.70	.89	.97	1.05	2.54	.61	3.55	.60	1.23	2.50	.18	1.88	16.70
1961	.61	.33	2.12	1.34	1.87	1.40	2.44	2.19	1.71	.10	.14	.20	13.89
1962	.33	.04	.37	.19	2.20	2.48	4.66	1.33	1.27	.12	.84	.03	13.86
1963	.84	T	1.35	T	.46	1.20	1.97	4.16	2.80	.06	.77	.10	13.71
1964	.31	.49	.89	.44	3.02	.87	.87	.56	.52	T	.19	T	8.16
1965	.09	.33	.56	.24	1.07	3.40	4.50	5.08	1.90	.60	T	.20	17.97
1966	.62	.180	.20	.59	.61	1.03	2.91	2.23	1.29	1.43	.05	.13	11.27*
1967	.45	.03	.29	1.77	6.55	4.48	4.75	2.16	2.54	.39	.31	.44	24.16*
1968	.04	.21	.42	.55	1.13	.80	3.87	1.42	.90	.22	.21	.31	10.08*
1969	.04	T	1.11	.62	4.73	3.83	2.09	2.41	.16	2.17	.16	.27	17.79*
1970	T	T	.44	1.33	2.72	1.61	1.95	2.54	.79	1.07	.71	.07	13.23*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							12.0	3.5	7.5	T	1.5	.0	
51-52	.0	.0		2.0			T			1.5	T	.0	
52-53	.0	.0	.0	1.0			1.0			6.0	T	.0	
53-54	.0	.0	.0	T	5.0		1.0	T		.0	1.5	.0	
54-55	.0	T	.0	T	2.0	4.0	1.0	4.0	5.5	4.0	6.0	T	26.5
55-56	.0	.0	.0	T	1.5	T	6.0	1.0	9.0	T	.0	.0	17.5
56-57	.0	.0	.0			4.0	4.5	7.0			4.0	.0	
57-58	.0	.0	.0	2.0	2.0	2.0	2.0	2.0	7.0	3.0	.0	.0	20.0
58-59	.0	.0	.0	.0	5.0	2.0	2.5		4.0	7.0	.0	.0	
59-60	.0	.0	5.0	10.0	T	T	11.0	16.0	13.0		.0	.0	
60-61	.0	.0	.0		2.0		1.3	6.1	11.0	8.0	2.0	.0	
61-62	.0	.0	.0	T	4.5	5.5	6.0	1.5	5.0	T	.0	.0	22.5
62-63	.0	.0	T	.0	5.0	.1	6.5	T	14.0	T	.0	.0	25.6
63-64	.0	.0	.0	.8	6.0	3.8	4.0	4.0	9.5	3.5	1.0	.0	32.6
64-65	.0	.0	.0	.0	4.1	T	3.5	8.0	12.0	T	.0	.0	27.6
65-66	.0	.0	T	.0	T	3.0	5.0		2.0	2.0	1.0	.0	
66-67	.0	.0	.0	5.0	1.0	1.0	6.5	1.5	4.0	1.0	.0	.0	20.0
67-68	.0	.0	.0	T	2.0	6.2	.5	2.0	4.7	6.0	1.0	.0	22.4
68-69	.0	.0	.0		3.6	4.5	.5	.0	11.0	.8	.0	.0	
69-70	.0	.0	.0	12.5	2.8	5.3	.8	.8	15.5		1.5	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.2	47.3	50.1M	58.0	71.5	73.6	85.9	84.5	76.6	62.3	48.1	40.7	61.4*
1952	46.5	46.5	45.9	60.0	69.8	90.2	89.6	86.7	79.2	69.1	43.9	42.2M	64.1*
1953	51.7	46.5	57.6	56.5	66.2	86.0	88.5	84.7	82.7	68.4	55.2	40.8	65.4
1954	48.2	57.4	48.1	70.0	68.1	87.6	93.3	85.9	82.6	65.2	57.0	48.8	67.7
1955	39.8	40.0	52.8	64.9	72.5	77.0	91.9	86.9	78.6	70.8	49.6	49.2	64.5
1956	45.9	38.6	53.3	60.3	75.5	90.2	85.9	83.9	82.7	71.9	45.6	46.3M	65.0*
1957	36.7	50.9	47.7	50.9	63.7	78.4	87.1	85.4	77.0	63.4	47.3	53.0	61.8
1958	44.7	49.6	40.6	56.5	75.1	81.6	83.8	88.5	80.0	67.9	54.2	46.6	64.1
1959	42.6	42.5	50.8	59.7	70.5	85.4	88.4	89.5	75.6	61.8	52.1	47.8	63.9
1960	38.2	31.0	45.7	64.6	70.2	83.7	86.9	89.1	79.8	66.7	56.1	39.5	62.6
1961	43.0	47.8	48.6	57.1	68.6	81.0	85.8	84.5	70.9	67.0	48.9	39.3	61.9
1962	36.3	48.1	49.0	64.3	76.4	79.5	84.5	88.9	77.5	69.8	55.6	49.6	65.0
1963	36.6M	51.9	50.3	66.1M	76.3	85.5	91.9	84.5	79.7	74.5	57.4M	41.8	66.4*
1964	45.2	39.4	45.7	60.2M	73.9	79.4	92.1	87.5	79.2	71.0	53.0	46.8	64.5*
1965	49.1	43.6	38.4	65.9	73.7	76.1	86.7	81.4	69.7	69.5	58.6	49.7	63.5
1966	40.0		58.5	61.2	76.8	84.2	91.3	82.4	77.9	66.4	58.2M	45.4	
1967	48.3	49.8	61.3	67.0	67.4	75.0	82.1	82.1	76.5	70.0	53.8	36.9	64.2
1968	44.6	48.2	57.4	59.1	67.5	85.7	85.8	83.1	80.2	70.0	48.9	43.5	64.5
1969	47.6	49.2	43.1	64.2	71.1	75.4	89.2	89.0	79.4	51.6M	51.4	42.6M	62.8*
1970	43.2	52.4	44.8	58.1	75.1	79.7M	87.6	87.8	76.5	59.2	52.3	49.5	63.9*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.4	17.1	17.2M	28.1	41.7	46.2	56.7	54.4	44.3	32.8	20.0	13.7	31.9*
1952	15.8	17.2	18.9	31.2	40.4	53.0	53.6	56.3	45.8	32.1	17.9	19.5M	33.5*
1953	20.9	14.5	23.9	27.7	37.5	51.6	56.3	54.5	46.2	35.9	26.4	15.2	34.2
1954	17.8	24.0	18.0	33.8	40.7	49.7	58.8	54.8	47.2	34.4	25.6	16.3	35.1
1955	13.2	11.0	18.0	30.9	42.2	47.8	56.7	55.6	46.2	35.1	18.8	17.2	32.7
1956	15.5	10.0	20.1	27.5	42.5	53.6	54.8	52.7	44.1	34.5	19.9	18.3M	32.8*
1957	7.7	20.3	21.3	27.8	39.0	48.7	54.9	53.8	41.0	35.5	20.5	18.6	32.4
1958	13.0	18.1	20.1	29.6	46.5	51.2	54.4	55.3	46.1	33.2	21.3	17.5	33.9
1959	11.6	14.6	19.6	26.7	40.6	50.3	50.7	53.1	39.0	28.4	16.5	14.7	30.5
1960	9.0	6.1	17.9	30.2	36.3	46.9	50.3	53.9	47.4	36.5	23.3	15.5	31.1
1961	14.9	19.9	24.7	29.1	40.0	48.0	54.4	53.9	40.0	31.1	18.0	8.2	31.9
1962	4.2	17.8	19.0	32.6	42.3	49.5	54.8	52.5	44.7	35.5	24.5	17.5	32.9
1963	1.3M	19.4	22.5	29.2M	43.1	49.6	57.3	56.6	52.2	42.3	25.2M	13.7	34.4*
1964	14.0	11.6	16.5	30.0	41.8	47.8	57.4	52.4	45.7	36.0	23.4	17.8	32.9
1965	19.0	12.6	11.5	33.3	39.7	49.2	56.3	53.4	42.0	38.1	28.0	20.4	33.6
1966	8.6		24.1	28.5	39.4	48.2	59.6	53.3	47.6	33.1	24.2M	13.3	
1967	15.4	16.3	23.7	32.5	38.1	49.3	57.1	52.4	44.8	35.3	22.3	12.4	33.3
1968	16.3	19.6	22.7	26.5	36.0	49.1	54.5	51.1	43.6	34.8	21.9	12.7	32.4
1969	16.2	17.4	14.7	33.1	43.4	45.7	56.2	54.7	46.5	27.5M	22.2	16.9M	32.9*
1970	12.2	17.9	16.9	25.5	40.1	46.9M	54.5	55.8	40.7	29.5	23.6	17.6M	31.7*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.3	32.2	33.7M	43.1	56.6	59.9	71.3	69.5	60.5	47.6	34.1	27.2	46.7*
1952	31.2	31.9	32.4	45.6	55.1	71.6	71.6	71.5	62.5	50.6	30.9	30.9M	48.8*
1953	36.3	30.5	40.8	42.1	51.9	68.8	72.4	69.6	64.5	52.2	40.8	28.0	49.8
1954	33.0	40.7	33.1	51.9	54.4	68.7	76.1	70.4	64.9	49.8	41.3	32.6	51.4
1955	26.5	25.5	35.4	47.9	57.4	62.4	74.3	71.3	62.4	53.0	34.2	33.2	48.6
1956	30.7	24.3	36.7	43.9	59.8	71.9	70.4	68.3	63.4	53.2	32.8	32.3M	46.9*
1957	22.2	35.6	34.5	39.4	51.4	63.6	71.0	69.6	59.0	49.5	33.9	35.8	47.1
1958	28.9	33.9	30.4	43.1	60.8	66.4	69.1	71.9	63.1	50.6	37.8	32.1	49.0
1959	27.1	28.6	35.2	43.2	55.6	67.9	69.6	71.3	57.3	45.1	34.3	31.3	47.2
1960	23.6	18.6	31.8	47.4	53.3	65.3	68.6	71.5	63.6	51.6	39.7	27.5	46.9
1961	29.0	33.9	36.7	43.1	54.3	64.5	70.1	69.2	55.5	49.1	33.5	23.8	46.9
1962	20.3	33.0	34.0	48.5	59.4	64.5	69.7	70.7	61.1	52.7	40.1	33.6	48.0
1963	19.0M	35.7	36.4	47.7M	59.7	67.6	74.6	70.6	66.0	58.4	41.3M	27.8	50.4*
1964	29.6	25.5	31.1	45.1M	57.9	63.6	74.8	70.0	62.5	53.5	38.2	32.3	48.7*
1965	34.1	28.1	25.0	49.6	56.7	62.7	71.5	67.4	55.9	53.8	43.3	35.1	48.6
1966	24.3		41.3	44.9	58.1	66.2	75.5	67.9	62.8	49.8	41.2M	29.4	
1967	31.9	33.1	42.5	49.8	52.8	62.2	69.6	67.3	60.7	52.7	38.1	24.7	48.8
1968	30.5	33.9	40.1	42.8	51.8	67.4	70.2	67.1	61.9	52.4	35.4	28.1	48.5
1969	31.9	33.3	28.9	48.7	57.3	60.6	72.7	71.9	63.0	39.6M	36.8	29.8M	47.9*
1970	27.7	35.2	30.9	41.8	57.6	63.3M	71.1	71.4	58.6	44.4	38.0	33.6M	47.8*

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

+0	T	
+0	+0	18.0
T	T	13.0
+0	+0	
+0	+0	10.5
-0	+0	15.4
+0	+0	42.1
-0	-0	19.9
-	-	35.4
+0	+0	43.3
+0	+0	
+0	+0	32.8
+0	+0	
+0	+0	29.1
-*	-*	12.4
		11.7

CLIMATOLOGY REPORT NO. 77-1

LIMON AIRWAYS

05 5017 1

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW SLEET						MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	42.6	13.0	26.3	72.	1956	5	-25.	1963	12	0.0	7.3	30.9	6.3	.26	.47	1960	14	3.7	7.	1967	15	.8	0.0	0.0
FEB	45.6	14.4	30.0	76.	1963	5	-26.	1951	1	0.0	4.9	27.8	2.6	.22	.29	1960	22	2.8	8.	1965	15	.5	0.0	0.0
MAR	48.6	18.2	33.4	81.	1963	28	-22.	1960	3	0.0	4.9	30.0	1.4	.67	.67	1959	20	6.9	8.	1965	25	2.6	.1	0.0
APR	59.9	29.2	44.5	85.	1962	19	-4.	1959	10	0.0	.6	19.8	0.0	.95	1.75	1957	2	2.6	6.	1957	2	2.6	.4	.1
MAY	71.4	41.4	55.3	92.	1951	28	20.	1953	12	.3	0.0	4.4	0.0	2.32	2.82	1967	26	.4	1.	1961	13	5.0	1.3	.5
JUN	81.3	49.4	64.9	101.	1954	23	26.	1969	2	5.5	0.0	.3	0.0	1.81	1.83	1956	8	0.0	0.	0	0	4.7	1.3	.2
JUL	86.5	55.8	71.2	102.	1954	13	36.	1952	8	12.1	0.0	0.0	0.0	2.88	2.43	1965	23	0.0	0.	0	0	6.2	1.8	.7
AUG	84.0	54.0	69.0	99.	1954	3	36.	1968	30	7.6	0.0	0.0	0.0	2.71	2.33	1961	1	0.0	0.	0	0	4.6	1.8	.6
SEP	76.4	43.4	60.0	95.	1960	3	25.	1951	16	1.8	0.0	1.9	0.0	.93	.81	1961	3	.6	4.	1959	30	3.1	.6	0.0
OCT	65.6	31.8	48.7	90.	1962	14	11.	1969	16	.1	.2	16.5	0.0	.74	1.17	1960	18	2.6	8.	1969	12	1.9	.3	.1
NOV	51.9	19.6	35.8	76.	1958	10	-15.	1955	16	0.0	2.9	29.3	.9	.41	.47	1962	15	3.9	7.	1956	19	1.1	0.0	0.0
DEC	44.5	12.5	28.5	75.	1955	24	-21.	1961	12	0.0	5.5	30.8	3.6	.21	.31	1969	4	3.0	5.	1969	5	.7	.1	.1
ANNUAL	62.9	31.5	47.2							27.	26.	192.	15.	14.1				27.				34.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.03	.03	0.00	.15	.12	.57	.34	.43	.49	.04	.03	0.00	0.00	6.57
.05	.04	.03	.21	.19	.79	.60	1.16	1.15	.16	.08	.04	.02	8.57
.10	.08	.06	.31	.33	1.13	.77	1.51	1.53	.29	.14	.09	.05	10.40
.20	.12	.10	.40	.46	1.44	1.01	1.87	1.85	.42	.23	.16	.10	11.92
.30	.15	.13	.48	.60	1.73	1.24	2.22	2.16	.56	.35	.24	.15	12.85
.40	.20	.17	.58	.75	2.04	1.43	2.58	2.48	.72	.49	.35	.20	13.76
.50	.25	.21	.69	.93	2.39	1.84	2.98	2.83	.90	.66	.42	.25	14.71
.60	.32	.27	.81	1.16	2.70	2.20	3.46	3.24	1.14	.88	.51	.25	15.78
.70	.41	.34	.98	1.46	3.34	2.69	4.07	3.77	1.45	1.20	.62	.33	17.09
.80	.55	.46	1.29	1.86	4.20	3.48	5.03	4.58	1.98	1.75	.81	.46	19.03
.90	.70	.58	1.50	2.45	5.01	4.22	5.93	5.34	2.49	2.32	.98	.59	20.73
ALPHA	1.34	1.55	2.39	1.55	2.71	2.11	3.20	3.79	1.38	.88	2.16	1.23	14.30
BETA	.19	.15	.28	.21	.26	.86	.90	.72	.67	.84	.20	.18	.99
Q	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.30	.19	.12	1.06	1.42	2.69	3.49	1.85	.48	1.81	.75	.02	14.18
1952	.13	.25	.56	.98	1.58	.10	.64	3.87	.63	.04	.00	.09	9.67
1953	.04	.35	.45	1.26	2.20	1.08	3.29	1.36	.03	.51	.39	.36	11.32
1954	.16	.06	.37	.23	1.13	1.11	1.14	2.00	.38	.99	.10	.10	7.77
1955	.12	.23	.34	.46	1.79	1.99	1.68	2.98	.66	.05	.16	.01	10.47
1956	.44	.05	.43	.13	1.35	2.28	3.17	1.37	.08	.26	.87	.23	10.66
1957	.32	.09	1.03	4.41	5.60	2.42	3.75	2.41	.89	.82	.36	.26	22.36
1958	.16	.33	.56	1.20	2.02	1.68	2.38	1.57	1.20	1.02	.36	.19	12.67
1959	.40	.19	1.38	.64	3.17	2.34	.47	1.55	2.29	.74	.05	.21	13.43
1960	.68	.78	.74	.70	2.08	.38	4.27	.79	1.100	1.73	.19	.33	13.77*
1961	.04	.27	1.94	.71	2.03	1.72	3.71	3.32	2.10	.22	.32	.22	16.60
1962	.47	.09	.56	.45	2.25	2.51	3.74	1.40	.55	.16	.62	.11	12.91
1963	.40	.10	1.19	.11	.61	1.12	1.95	7.87	2.85	.04	.41	.28	16.93
1964	.21	.51	.76	.36	2.27	.61	1.39	3.490	.460	.050	.37	T	10.48*
1965	.20	.35	.71	.23	1.55	3.21	4.33	4.67	1.26	.66	T	.16	17.33
1966	.19	.14	.09	1.24	.47	2.54	4.09	3.59	1.01	1.14	.09	.06	14.65
1967	.76	.04	.29	1.33	7.75	4.67	4.58	1.83	1.41	.21	.34	.61	23.82
1968	.09	.28	.39	1.63	1.35	.66	4.72	2.34	.62	.19	.83	.36	13.46
1969	.06	.02	.81	.77	3.07	1.97	1.53	2.60	.28	2.85	.41	.49	14.86
1970	.01	T	.68	1.06	2.63	1.09	3.20	3.42	.32	1.28	.74	.01	14.44

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.0	1.8	1.0	T	.0	T	
51-52	.0	.0	1.0	2.0	7.0	T	2.0	2.0	4.0	T	.0	.0	18.0
52-53	.0	.0	.0	T	5.0	T	T	3.0	1.0	4.0	T	T	13.0
53-54	.0	.0	.0	T	1.8	3.0	2.0	T	T	T	.0	.0	
54-55	.0	.0	.0	T	T	3.0	1.0	1.1	2.4	3.0	.0	.0	10.5
55-56	.0	T	.0	T	1.5	T	4.5	.5	6.9	2.0	.0	.0	15.4
56-57	.0	.0	.0	T	12.5	2.0	7.0	T	8.0	8.4	4.2	.0	42.1
57-58	.0	.0	.0	1.0	T	2.0	1.0	7.0	5.5	3.4	.0	.0	19.9
58-59	.0	.0	.0	2.0	4.8	3.1	5.6	2.5	12.2	5.2	.0	.0	35.4
59-60	.0	.0	11.7	7.6	.5	2.1	6.8	8.8	4.3	1.0	.5	.0	43.3
60-61	.0	.0	.0	3.0	2.4	6.3	.4	2.0	11.7	4.5	2.5	.0	32.8
61-62	.0	.0	T	T				1.7	6.1	3.4	.0	.0	
62-63	.0	.0	.0	.0	6.0	1.0	6.0	1.2	14.4	.5	.0	.0	29.1
63-64	.0	.0	.0	.0	4.0	6.0	4.5	5.6	9.8	2.5	T	.0	32.4
64-65	.0	.0	.0	.0	6.5	T	2.5	10.0	12.7	T	.0	.0	31.7
65-66	.0	.0	.0	T	T	2.0	5.0	1.6	2.5	2.1	T	.0	13.2
66-67	.0	.0	.0	7.4	.7	.9	11.0	1.0	3.0	1.4	.5	.0	25.9
67-68	.0	.0	.0	.6	6.5	10.5	2.0	5.4	5.4	9.0	T	.0	39.4
68-69	.0	.0	.0	1.0	6.0	6.6	1.0	1.0	7.5	T	.0	.0	23.1
69-70	.0	.0	.0	23.2	2.0	8.0	.5	T	19.8	2.5	.0	.0	56.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.4	47.0	48.3	54.7	70.4	72.2	84.6	83.1	75.3	61.1	48.8	41.1	60.4
1952	46.9	46.6	45.6	60.4	68.8	88.2	88.4	86.2	79.5	68.9	44.7	40.4	63.7
1953	50.6	44.5	56.6	55.4	65.0	84.1	87.0	83.8	81.6	68.0	53.9	39.2	64.1
1954	45.8	57.8	46.8	68.5	67.3	85.1	90.9	85.2	81.3	64.8	57.0	49.5	66.7
1955	35.2	39.9	51.0	63.8	71.8	75.6	89.5	85.0	77.0	70.3	48.5	49.1	63.4
1956	45.5	39.8	52.4	58.1	73.2	87.4	83.9	81.7	81.2	71.4	45.8	46.2	63.9
1957	35.3	50.8	48.0	50.8	63.0	77.3	86.0	83.8	75.3	61.7	46.8	52.6	61.0
1958	45.5	49.3	40.2	54.4	73.8	80.2	82.1	86.9	78.2	67.6	54.0	46.4	63.2
1959	44.5	43.3	49.2	58.4	69.3	83.6	86.6	86.7	73.0	60.0	51.3	48.7	62.9
1960	38.4	32.6	45.8	63.2	70.2	80.9	84.7	86.3	78.7	65.5	54.7	39.4	61.7
1961	43.4	47.0	47.8	57.8	67.9	80.4	84.4	83.2	68.0	66.5	49.6	39.6	61.3
1962	34.9	47.4	49.7	64.4	76.0	78.4	83.7	87.6	76.3	69.7	56.2	49.9	64.5
1963	34.8	52.2	51.7	65.2	75.1	83.9	90.8	82.4	79.3	73.8	56.9	41.8	65.7
1964	44.4	38.6	44.3	59.0	72.6	79.0	90.1				50.0	45.1	
1965	47.9	40.4	37.6	64.6	72.4	76.5	86.4	81.8	66.7	69.5	59.1	48.7	62.6
1966	36.9	38.3	56.7	59.4	74.8	82.0	89.9	81.5	77.2	64.2	56.4	42.9	63.4
1967	45.7	48.5	58.7	64.4	66.3	75.4	82.7	80.1	75.2	67.8	54.0	36.4	62.9
1968	42.3	47.2	54.5	57.7	65.7	82.9	83.8	80.5	77.3	68.3	48.9	41.9	62.6
1969	47.2	48.0	42.7			74.4	88.0	85.5	77.8	50.2	51.2		
1970	44.0	52.6	45.2	57.0	73.5	79.1M	85.6M	85.6	73.6	57.2	49.8	47.0	62.5*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.2	15.3	15.1	28.0	41.4	46.1	56.7	54.0	41.6	31.7	17.4	11.0	30.4
1952	12.5	15.2	19.2	30.7	39.7	53.2	52.5	55.1	42.7	28.8	14.3	12.6	31.4
1953	17.2	11.9	22.3	27.4	37.0	51.3	55.9	53.2	42.7	32.1	22.1	9.0	31.8
1954	15.1	22.3	16.8	31.3	39.7	49.7	58.3	54.4	47.6	32.8	24.1	13.8	33.8
1955	10.1	7.9	16.5	28.9	41.5	48.0	57.2	56.4	45.1	32.5	16.8	12.9	31.2
1956	13.1	8.4	17.7	26.9	42.6	52.9	53.9	52.1	42.4	33.2	19.4	16.4	31.6
1957	6.7	21.5	21.7	29.1	39.8	48.7	56.5	54.4	40.0	36.2	19.9	15.4	32.5
1958	11.2	18.0	19.5	29.1	45.6	51.2	54.0	53.5	44.7	32.0	19.2	16.5	32.9
1959	10.4	16.0	17.4	26.9	41.2	51.6	51.7	54.7	40.0	28.3	14.5	14.6	30.6
1960	7.3	7.4	18.5	32.2	39.8	50.8	53.7	53.2	45.8	34.4	20.5	13.5	31.4
1961	11.7	18.1	23.8	28.2	41.1	48.9	55.6	55.9	40.5	30.9	18.0	6.5	31.6
1962	3.6	17.9	18.1	31.9	42.6	50.1	55.0	52.5	45.4	34.7	24.5	15.9	32.7
1963	.8	19.0	21.5	31.6	43.3	51.3	58.6	57.3	50.8	39.9	22.0	11.4	34.0
1964	11.6	10.5	15.6	30.0	40.7	48.2	57.3				18.9	12.2	
1965	13.6	9.0	11.2	31.4	39.9	50.0	55.5	51.5	40.8	32.7	23.2	15.9	31.2
1966	2.6	9.4	20.6	27.6	37.7	48.4	60.1	52.6	45.0	28.3	21.2	8.9	30.2
1967	12.3	14.6	20.5	30.8	37.5	49.2	56.5	50.9	42.6	25.2	16.0	7.5	30.6
1968	11.5	15.6	18.7	24.6	35.2	47.9	54.5	50.3	40.2	30.1	17.8	7.2	29.5
1969	12.4	14.5	13.0	31.2	42.5	45.5	56.4	56.9	46.5	28.0	19.3		
1970	6.8	15.1	15.9	25.7	38.8	45.6	56.3M	56.6	40.7	29.3	22.8	14.8	31.0*

*AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	22.3	31.2	31.7	41.4	55.9	59.2	70.7	68.6	58.5	46.4	33.1	26.1	45.4
1952	29.7	30.9	32.4	45.6	54.3	70.7	70.5	70.7	61.1	48.9	29.5	26.5	47.6
1953	33.9	28.2	39.5	41.4	51.0	67.7	71.5	68.5	62.2	50.1	38.0	24.1	48.0
1954	30.5	40.1	31.8	49.9	53.5	67.4	74.6	69.8	64.5	48.8	40.6	31.7	50.3
1955	24.7	23.9	33.8	46.4	56.7	61.8	73.4	70.7	61.1	51.4	32.7	31.0	47.3
1956	29.3	24.1	35.1	42.5	57.9	70.2	68.9	66.9	61.8	52.3	32.6	31.3	47.7
1957	21.0	36.2	34.9	40.0	51.4	63.0	71.3	69.1	57.7	49.0	33.4	34.0	46.8
1958	28.4	33.7	29.9	41.8	59.7	65.7	68.1	70.2	61.5	49.8	36.6	31.5	48.1
1959	27.5	29.7	33.3	42.7	55.3	67.6	69.2	70.7	56.5	44.2	32.9	31.7	46.8
1960	22.9	20.0	32.2	47.7	55.0	65.9	69.2	69.8	62.3	50.0	37.6	26.5	46.6
1961	27.6	32.6	35.8	43.0	54.5	64.7	70.0	69.6	54.3	48.7	33.8	23.1	46.5
1962	19.3	32.7	33.9	48.2	59.3	64.3	69.4	70.1	60.9	52.2	40.4	32.5	48.6
1963	17.8	35.6	36.6	48.4	59.2	67.6	74.7	69.9	65.1	56.9	39.5	26.6	49.8
1964	28.0	24.6	30.0	44.5	56.7	63.6	73.7				34.5	28.7	47.0
1965	30.8	24.7	24.4	48.0	56.2	63.3	71.0	66.7	53.8	51.1	41.2	32.3	47.0
1966	19.8	23.9	38.7	43.5	56.3	65.2	75.0	67.1	61.1	46.3	38.8	25.9	46.8
1967	29.0	31.6	39.6	47.6	51.9	62.3	69.6	65.5	58.9	48.5	35.0	22.0	46.8
1968	26.9	31.4	36.6	41.2	50.5	65.4	69.2	65.4	58.8	49.2	33.4	24.9	46.1
1969	25.8	31.3	27.9			60.0	72.2	71.2	62.2	39.1	35.3	30.9	46.8*
1970	26.9	33.9	30.6	41.4	56.2	62.4M	71.0M	71.1	57.2	43.3	36.3	30.9	46.8*

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

0
T
0
0
T
0
57.2
64.3
56.1
73.2

CLIMATOLOGY REPORT NO. 77-1

LITTLE HILLS

05 5048 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	YEARS			EXTREMES						MEAN NO OF DAYS						SNOW, SLEET										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	90 OR ABOVE	52 OR BELOW											
JAN	38.8	4.9	21.9	60.	1953	11	-48.	1963	12	0.0	6.5	30.8	11.7	.68	.86	1956	16	9.9	16.	1952	1	2.3	.1	0.0		
FEB	42.6	8.7	25.5	73.	1963	25	-32.	1951	1	0.0	3.5	28.1	7.8	.90	.80	1962	24	12.2	16.	1962	28	3.4	.4	0.0		
MAR	47.7	15.4	31.5	70.	1956	25	-22.	1966	5	0.0	1.8	30.4	2.7	.95	.75	1954	21	12.4	30.	1952	25	3.6	.2	0.0		
APR	58.4	24.0	41.3	80.	1962	19	0.	1970	1	0.0	0.0	26.0	.1	1.36	1.09	1968	17	3.0	7.	1963	18	4.4	.5	.1		
MAY	69.1	32.2	50.7	88.	1967	21	8.	1968	7	0.0	0.0	16.8	0.0	1.18	1.14	1966	11	.6	2.	1960	19	3.7	.6	.1		
JUN	79.2	38.3	58.8	97.	1954	23	22.	1966	6	1.8	0.0	5.1	0.0	1.10	1.13	1969	16	0.0	0.	0	0	3.4	.5	.1		
JUL	86.5	45.5	66.0	97.	1963	8	25.	1968	1	8.6	0.0	.5	0.0	.96	.93	1968	27	0.0	0.	0	0	3.1	.2	0.0		
AUG	83.3	44.4	63.8	94.	1969	6	23.	1964	30	3.5	0.0	1.4	0.0	1.74	1.28	1952	27	0.0	0.	0	0	4.4	.6	.1		
SEP	76.6	34.2	55.5	91.	1960	3	12.	1956	23	.2	0.0	12.8	0.0	1.15	1.51	1961	22	0.0	10.	1965	19	3.9	.8	.1		
OCT	64.9	23.5	44.3	83.	1957	1	-1.	1955	7	0.0	.1	26.1	.1	.98	.98	1957	13	1.5	6.	1970	7	2.9	.4	0.0		
NOV	49.9	15.0	32.5	69.	1965	2	-27.	1952	27	0.0	1.5	28.9	3.0	.94	.80	1964	16	5.0	13.	1964	16	3.4	.2	0.0		
DEC	40.2	6.4	23.3	63.	1966	1	-37.	1962	26	0.0	6.1	30.7	10.3	.97	1.15	1951	30	7.4	16.	1952	30	3.0	.4	0.0		
ANNUAL	61.1	24.5	42.8							14.	20.	238.	36.	12.9				52.				41.	5.	0.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.17	.16	.21	.40	.21	.07	.17	.25	0.00	0.00	.28	.26	8.54
.10	.23	.24	.30	.53	.31	.13	.26	.41	0.00	.09	.37	.35	9.36
.20	.33	.38	.44	.73	.49	.27	.40	.66	0.00	.23	.50	.49	10.43
.30	.42	.50	.57	.89	.65	.42	.53	.80	0.00	.38	.62	.61	11.24
.40	.50	.62	.69	1.06	.81	.59	.66	1.15	.42	.58	.73	.73	11.98
.50	.60	.76	.83	1.22	.99	.79	.81	1.42	.67	.72	.84	.86	12.68
.60	.70	.91	.98	1.41	1.20	1.03	.97	1.74	.98	.94	.97	1.00	13.43
.70	.82	1.09	1.16	1.63	1.45	1.33	1.17	2.12	1.39	1.21	1.12	1.17	14.25
.80	.98	1.34	1.40	1.91	1.78	1.76	1.43	2.64	1.97	1.58	1.32	1.39	15.26
.90	1.23	1.73	1.77	2.36	2.31	2.49	1.86	3.47	2.97	2.21	1.62	1.74	16.73
.95	1.47	2.11	2.13	2.77	2.82	3.22	2.26	4.26	3.00	2.63	1.91	2.06	18.01
ALPHA	2.67	2.06	2.42	3.33	1.98	1.08	2.03	1.78	1.89	1.23	3.34	2.88	19.88
BETA	.25	.43	.39	.41	.60	1.02	.47	.98	1.52	.84	.28	.34	6.65
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.15	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.71	.85	.30	1.94	.49	.56	1.06	3.18	.01	2.54	.90	2.65	15.19 ^{42.2*}
1952	.52	.37	1.26	.73	1.18	1.39	.34	3.66	.02	.00	.47	.73	10.67 ^{43.7}
1953	1.21	.54	1.68	1.69	1.66	.37	2.61	1.50	.00	1.02	1.18	.55	14.01 ^{43.1}
1954	1.14	.23	2.14	.56	.85	.31	.74	1.19	3.01	.80	.85	.76	12.58 ^{43.1}
1955	.86	1.27	.39	1.29	1.44	1.16	.13	2.35	.47	.47	1.34	.32	11.49
1956	1.50	1.55	.23	1.02	.58	.07	1.66	.93	T	1.49	.73	1.42	11.18
1957	.98	.60	1.75	1.460	1.94	1.56	1.46	4.07	.00	2.28	1.74	.76	18.60 ^{43.1*}
1958	.33	1.45	1.78	1.03	.43	.02	.49	.13	1.63	.05	1.14	.69	9.17 ^{43.3*}
1959	.45	1.76	.92	.77	.31	1.19	.65	1.53	1.92	.95	.09	.65	11.19 ^{43.5}
1960	.33	1.32	1.39	.74	1.80	.96	.31	.60	.99	.89	1.02	.50	10.85
1961	.06	.57	1.64	1.58	2.25	.46	.47	1.42	5.29	1.26	.85	.58	16.43 ^{43.7*}
1962	.65	3.09	.29	1.62	.58	.46	.11	.17	1.01	.25	.75	.78	11.59 ^{43.6*}
1963	.19	.20	.46	1.17	.15	.84	.73	2.83	.63	.42	.82	.41	16.78 ^{44.2*}
1964	.49	.46	1.14	2.24	1.72	1.37	.90	2.07	.54	.02	1.52	1.54	14.01
1965	.76	.92	.84	1.00	2.91	1.95	1.95	.59	1.88	.51	1.19	1.51	16.02
1966	.42	.64	.81	.15	1.68	.18	.71	.66	.65	.46	.38	1.79	8.53 ^{42.2*}
1967	.73	.49	.40	1.24	1.76	3.01	1.00	1.34	1.83	.68	.44	2.25	20.45 ^{44.0}
1968	.47	.98	.34	3.33	1.31	.33	1.32	3.22	.38	1.00	.52	.3	25.81 ^{43.5}
1969	1.26	.43	.54	2.19	.39	3.55	1.50	2.00	1.72	2.49	1.07	.47	25.71 ^{43.2*}
1970	.50	.19	.77	1.41	.27	2.31	1.00	1.29	1.07	2.02	1.71	.54	13.08

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							14.5	8.0	3.6	T	.0	.0	
51-52	.0	.0	.0					1.5	27.3	.0	T	T	
52-53	.0	T	.0	.0	6.6	9.4	15.3	8.9	13.0	2.0	2.0	.0	57.2
53-54	.0	.0	.0		11.0	13.4	16.2	4.3	25.8	T	.0	.0	
54-55	.0	.0	.0	.0	5.6	3.5	10.4	24.5	8.3	12.0	.0	T	64.3
55-56	.0	.0	T	3.5	12.4	4.1	8.7	25.3	.5	1.6	.0	.0	56.1
56-57	.0	.0	.0				16.8	3.1			.0	.0	
57-58	.0	.0	.0	.0			5.5		9.6	6.0	.0	.0	
58-59	.0	.0	.0	.0	4.5		5.5				.0	.0	
59-60	.0	.0	.0	T	T	8.5	6.6	30.6	18.1	T	9.4	.0	73.2
60-61	.0	.0	.0	T	6.5	7.8	1.0	9.5			.0	.0	
61-62	.0	.0					13.0		4.0		.0	.0	
62-63	.0	.0	.0	.0	1.0	9.5	4.7	1.0			.0	.0	
63-64	.0	.0	.0	.0	.0		13.1		24.0		T	.0	
64-65	.0	.0	.0	.0				17.0	9.0	.0	T	.0	
65-66	.0	.0		.0								.0	
66-67	.0	.0	.0	.0							.0	.0	
67-68	.0	.0	.0								.0	.0	
68-69	.0	.0	.0	.0	1.0					.0	.0	.0	
69-70	.0	.0	.0	13.0	6.0		8.0		6.0	11.0	.0	.0	

LITTLE HILLS

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.7	44.1	46.9	58.3	69.2	75.5	88.5	82.2	77.5	60.5	45.8	37.1	60.2
1952	34.3	37.9	41.8M	60.6	69.6	81.5	85.3	81.0	79.6	72.4	44.9	39.8	60.7*
1953	45.1	40.7	51.7	55.6	63.8	81.3	86.9	82.0	79.5	65.0	53.4	39.6	62.1
1954	43.4	49.0	45.9	63.2	71.9	78.9	87.2	83.5	75.1	68.4	54.7	40.1	63.4
1955	38.3	37.1	45.6	56.2	67.9	76.4	88.1	83.7	79.5	66.7	46.8	43.9	60.9
1956	46.1	37.6	49.7	58.5		86.1M	85.2	80.8	81.5	67.3	45.7	37.3	
1957	37.0	47.6	49.1	56.1	64.0	79.2		76.3	76.3	63.1	43.3	43.4	
1958	39.3	47.1	44.2	55.6	68.8	78.8	81.5	83.9	72.6	64.4	46.3M	45.5	60.7*
1959	38.5M	40.3	46.1	58.5	67.6	83.2	86.9	81.8	72.5	61.5	52.6	43.3	61.1*
1960	34.5	34.9	50.8	63.2	68.9	81.7	88.2	86.0	79.1	64.0	52.3	41.4	62.1
1961	43.6	45.9	50.3	57.5	70.7	84.0	86.7	84.5	67.5	62.4	46.3M	38.1	61.5*
1962	35.2	44.5	45.6	64.2M	70.2	79.6M	85.4	85.2	78.1	70.0	56.8	45.0	63.3*
1963	33.6	51.7	50.5	59.6	74.2M	75.8	89.3	82.7	79.1	71.6	55.3	41.5M	64.1*
1964	36.7	38.1	43.3	55.5	69.5	77.0	89.7	81.4	77.9	72.1	47.4M	39.8M	60.7*
1965	40.3M	41.3M	42.9	58.6	67.1	75.8M	82.9	82.2			56.0	40.4	
1966	38.8	39.4	52.9	59.6	71.9	79.6	88.5	85.5	77.8M	63.7	54.9	35.5	62.3*
1967	39.0	45.1	56.8	61.3	68.5	75.1	86.4	86.2	78.8	69.3	54.9	32.1	62.8
1968	35.4	42.4	50.9	51.5M	65.5	80.1	84.5	76.8	73.9	64.3	46.4	38.2	59.2*
1969	42.3	40.2	44.1	62.2	73.7	73.8	86.7	86.2	76.3	52.3	47.7	40.6	60.5
1970	38.4	47.4	44.2	52.2M	70.2	76.6	85.5M	86.3	72.4M	54.6M	47.1	40.7	59.6*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	3.2	15.2	16.8	25.5	32.8	35.6	43.7	44.1	31.0	25.4	9.5	6.3	24.1
1952	.9	1.6	9.7M	25.0	31.8	38.7	43.7	44.5	34.1	18.8	7.2	4.6	21.7*
1953	15.7	5.8	16.5	22.3	30.3	38.5	48.8	43.6	32.1	23.6	18.7	5.5	25.3
1954	12.4	14.4	18.2	28.1	32.1	38.7	50.0	42.5	38.9	25.8	16.4	3.5	26.8
1955	.2	- 1.2	14.0	20.3	29.5	34.8	42.0	46.0	31.1	17.6	14.4	16.1	22.1
1956	15.4	.3	13.8	23.3	38.5M	38.7	44.1	41.0	31.5	20.4	4.7	.7	22.6*
1957						39.4	47.5	47.7	31.6	29.3	15.6	8.6	
1958	4.4	18.5M	19.5	22.7	35.0	39.3	42.8	44.6	35.3	19.6	12.2M	11.4	25.4*
1959	6.2M	11.4	16.6	23.4	31.8	41.3	44.7	46.2	37.0	25.5	14.4	7.7	25.5*
1960	4.9	2.2	16.2	25.0	31.6	38.9	43.5	43.1	39.8	27.1	19.2	4.2	24.8
1961	.5	14.5	20.3	24.6	33.5	40.4	47.4	49.2	34.5	25.2	14.9M	6.7	26.0*
1962	- 2.4	15.2	9.7	27.1M	31.9	38.6M	43.7	40.5	35.1	24.7	18.0	3.7	23.8*
1963	- 4.0	13.7	14.6	23.8	31.9M	35.3	43.5	47.0	36.9	28.5	16.4	1.5M	24.2*
1964	- 1.1	- 2.2	8.7	25.3	32.7	39.0	46.6	42.5	32.5	22.3	13.3M	13.6M	22.8*
1965	11.9M	7.2M	10.5	25.5	32.6	37.8M	46.5	41.1	31.4	21.9	18.8	8.2	24.5*
1966	1.4	1.4	14.4	19.0	29.8	35.9	46.1	40.1	32.3M	20.4	19.5	2.7	21.9*
1967	4.5	9.7	22.3	24.5	30.6	39.1	47.5	45.3	36.8	23.9	16.1	1.0	25.1
1968	- 2.8M	11.1	17.6	20.2M	29.2	35.8	43.6	42.1	29.1	23.5	14.8	2.5	22.2*
1969	10.9	8.6	11.1	27.4	34.4	39.8	48.3	49.0	39.2	24.4	12.8	10.6	26.4
1970	10.8	17.0	17.2	22.5M	32.0	39.5	46.4M	47.4	33.6M	22.0M	22.2	10.7	26.8*

LITTLE HILLS

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	20.0	29.7	31.9	41.9	51.0	55.6	66.1	63.2	54.3	43.0	27.7	21.7	42.2
1952	17.6	19.8	25.8M	42.8	50.7	60.1	64.5	62.8	56.9	45.6	26.1	22.2	41.2*
1953	30.4	23.3	35.1	39.0	47.1	59.9	67.9	62.8	55.8	44.3	36.1	22.6	43.7
1954	27.9	31.7	32.1	45.7	52.0	58.8	68.6	63.0	57.0	47.1	35.6	21.8	45.1
1955	19.3	18.0	29.8	35.3	48.7	55.6	65.1	64.9	55.3	42.2	30.6	30.0	41.5
1956	30.8	19.0	31.8	40.9		62.4M	64.7	60.9	56.5	43.9	25.2	18.3	43.2*
1957						59.3			54.0	46.2	29.5	26.0	43.8*
1958	21.9	32.8M	31.9	39.2	51.9	59.1	62.2	64.3	54.0	42.0	29.3M	28.5	43.1*
1959	22.4M	25.9	31.4	41.0	49.7	62.3	65.8	64.0	54.8	43.5	33.5	25.5	43.3*
1960	19.7	18.6	34.5	44.1	50.3	60.3	65.9	64.6	59.5	45.6	35.8	22.8	43.5
1961	22.1	30.2	35.3	41.1	52.1	62.2	67.1	66.9	51.0	43.8	30.6M	22.4	43.7*
1962	16.4	29.9	27.7	45.7M	51.1	59.1M	64.6	62.9	56.6	47.4	37.4	24.4	43.6*
1963	14.8	32.7	32.6	41.7	53.1M	58.1	66.4	64.9	58.0	50.1	35.9	21.5M	44.2*
1964	17.8	18.0	26.0	40.4	51.1	58.0	68.2	62.0	55.2	47.2	30.4M	26.7M	41.8*
1965	26.1M	24.3M	26.7	42.1	49.9	56.8M	64.7	61.7			37.4	24.3	43.2*
1966	20.1	20.4	33.7	39.3	50.9	57.8	67.3	62.8	55.1M	42.1	37.2	19.1	42.2*
1967	21.8	27.4	39.6	42.9	49.6	57.1	67.0	65.8	57.8	46.6	35.5	16.6	44.0
1968	16.3M	26.8	34.4	35.9M	47.4	58.0	64.1	59.5	51.5	43.9	30.6	20.4	40.7*
1969	26.6	24.4	27.6	44.8	54.1	56.8	67.5	67.6	57.8	38.4	30.3	25.6	43.5
1970	24.6	32.2	30.7	37.4M	51.1	58.1	66.0M	66.9	53.0M	38.3M	34.7	25.7	43.2*

SEASON

0
-0
34.5
39.5
40.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

LONGMONT 2ESE

05 5116 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)														
	AVERAGE		AVERAGE		AVERAGE		RECORD		EXTREMES					MEAN NO. OF DAYS					SNOW, SLEET					MEAN NO. OF DAYS				
	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MONTHLY	HIGHEST	YEAR	DAY	LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
JAN	42.5	12.2	27.4	71.	1953	15		-34.	1953	13	0.0	6.9	30.4	5.3	.34	.52	1962	8	5.4	12.	1962	10	1.5	.1	0.0			
FEB	46.2	16.5	31.4	76.	1954	9		-36.	1951	1	0.0	4.6	27.4	2.6	.43	.78	1957	28	6.5	8.	1956	9	1.6	.1	0.0			
MAR	50.1	21.4	35.7	80.	1967	30		-18.	1962	3	0.0	3.5	28.3	1.4	.96	1.45	1952	21	11.3	14.	1952	21	3.1	.2	0.0			
APR	61.3	32.0	46.7	86.	1960	22		-6.	1959	10	0.0	.7	14.6	.1	1.26	2.70	1967	14	4.2	16.	1957	3	3.3	.6	.1			
MAY	71.8	42.6	57.2	94.	1969	28	24.	1962	1	1.0	0.0	1.9	0.0	2.53	4.04	1957	9	.2	1.	1957	16	5.1	1.2	.6				
JUN	81.4	49.9	65.6	105.	1954	24	32.	1951	2	7.0	0.0	0.0	0.0	1.76	1.90	1963	16	0.0	0.	0	0	4.5	1.2	.4				
JUL	89.5	55.4	72.0	105.	1954	12	40.	1952	9	15.5	0.0	0.0	0.0	1.18	1.45	1954	15	0.0	0.	0	0	3.4	.5	.1				
AUG	86.3	53.5	69.9	101.	1969	9	38.	1964	28	10.1	0.0	0.0	0.0	1.12	1.74	1951	3	0.0	0.	0	0	3.0	.4	.1				
SEP	78.1	44.0	61.1	99.	1960	1	28.	1965	24	3.0	0.0	.8	0.0	1.16	1.43	1970	22	.1	2.	1959	29	2.9	.8	.3				
OCT	67.1	33.3	50.3	89.	1967	4	0.	1969	13	0.0	.3	14.2	0.0	.98	1.68	1969	4	1.8	11.	1969	12	2.5	.5	.2				
NOV	52.2	22.2	37.2	77.	1952	5	-16.	1952	27	0.0	2.8	28.0	.6	.52	.41	1965	26	4.7	9.	1956	20	1.8	0.0	0.0				
DEC	44.8	15.5	30.2	75.	1955	24	-15.	1954	28	0.0	5.2	30.4	2.5	.35	.53	1960	4	4.5	6.	1958	13	1.5	.1	0.0				
ANNUAL	64.2	35.2	48.7								37.	24.	176.	13.	12.6				39.				34.	6.	2.			

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.18	.06	.41	.29	.17	.27	0.00	.05	.14	0.00	6.45
.10	.06	0.00	.27	.13	.63	.45	.27	.37	.09	.10	.19	0.06	7.85
.20	.12	.16	.41	.28	1.00	.70	.44	.53	.25	.21	.27	.12	9.19
.30	.18	.24	.54	.45	1.35	.94	.60	.68	.42	.34	.33	.17	10.25
.40	.23	.31	.67	.64	1.71	1.19	.77	.83	.61	.49	.40	.23	11.22
.50	.29	.38	.81	.87	2.10	1.46	.96	.98	.83	.67	.47	.29	12.18
.60	.35	.46	.97	1.15	2.54	1.77	1.18	1.15	1.09	.69	.54	.36	13.14
.70	.43	.55	1.17	1.51	3.09	2.15	1.44	1.36	1.42	1.17	.63	.44	14.34
.80	.53	.67	1.43	2.02	3.82	2.66	1.80	1.63	1.88	1.58	.74	.55	15.76
.90	.69	.86	1.84	2.89	5.09	3.47	2.38	2.05	2.65	2.27	.92	.73	17.87
.95	.85	1.04	2.24	3.77	6.13	4.25	2.95	2.46	3.41	2.96	1.09	.91	19.75
ALPHA	1.94	2.46	2.09	1.06	1.87	1.90	1.72	2.59	1.16	.97	3.03	1.73	10.07
BETA	.19	.20	.46	1.26	1.35	.93	.69	.43	1.05	1.01	.17	.21	1.25
Q	.05	.10	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.45	.40	.62	1.13	2.02	1.70	.75	2.82	.67	2.58	.39	.95	14.48
1952	T	T	1.96	.82	2.89	.60	.13	1.26	.35	.22	.85	.06	59.14
1953	.30	.28	1.09	.93	2.77	.56	2.45	.69	.08	.19	.33	.18	55.85
1954	.30	T	.35	.37	.47	.39	1.76	.44	1.87	.29	.56	.22	7.02
1955	.48	.54	.65	.01	1.53	.85	1.24	1.40	1.24	.37	.74	.37	5.42
1956	.40	.65	.54	.74	1.62	.45	2.30	1.85	T	.15	1.04	.51	10.25
1957	.49	.88	.44	4.84	6.88	1.25	.52	1.72	.78	1.30	.28	.00	19.38
1958	.26	.50	1.80	1.29	5.21	1.44	1.48	.80	.71	.61	.39	.51	15.00
1959	.50	.70	1.11	1.62	3.08	.57	.47	.29	2.18	2.41	.02	.02	12.97
1960	.27	.83	.58	1.09	3.92	.66	.44	.25	.48	1.87	.51	1.02	11.92
1961	.12	.47	2.91	.72	4.63	1.57	.83	1.50	3.89	.69	.60	.18	18.11
1962	1.06	.40	.30	.50	1.47	2.09	1.61	.55	.56	1.11	.47	.41	10.23
1963	.68	.27	1.25	.01	.29	4.33	.59	2.22	1.12	.25	.42	.37	11.80
1964	.10	.21	.97	1.06	1.66	1.28	.24	.57	.09	.05	.46	.40	47.09
1965	.42	.64	.94	1.54	2.31	2.09	2.65	.82	2.70	.19	.41	.41	15.12
1966	.05	.62	.10	.90	.66	1.60	.45	.47	1.78	.19	.34	.23	47.39
1967	.55	.22	.47	3.85	2.34	5.10	3.49	1.45	.54	.99	.62	.64	20.26
1968	.16	.75	.65	1.62	1.82	1.05	.50	1.74	.50	.50	.81	.42	10.52
1969	.22	.27	.50	.93	4.59	4.03	.53	1.02	.15	4.81	.71	.26	18.02
1970	.04	.02	1.93	1.16	.44	3.64	1.21	.56	3.44	.77	.49	.19	13.89

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			T	.0	4.0	11.5	7.0	5.5	10.0	9.0	.0	.0	
51-52	.0	.0	.0	T	9.0	1.5	5.0	7.5	5.0	11.5	T	.0	34.5
52-53	.0	.0	.0	.0	5.0	2.0	4.5	T	7.0	T	.0	.0	39.5
53-54	.0	.0	.0	.0	4.5	4.5	6.5	15.5	9.5	T	.0	.0	40.5
54-55	.0	.0	.0	T	4.5	4.5	6.5	15.5	9.5	T	.0	.0	40.5
55-56	.0	T	.0	1.0	2.5	4.5	6.0	11.0	9.0	.0	.0	.0	34.0
56-57	.0	.0	.0	.0	13.5	5.0	10.0			23.0	3.0	.0	
57-58	.0	.0	T	.0	.5	.0	5.0	8.0	20.6	.5	.0	.0	34.6
58-59	.0	.0	.0	.0	9.5	7.0	8.0	9.5		13.0	.0	.0	
59-60	.0	.0	2.0	5.0	.5	.5	4.5	12.5	9.0	2.0	.0	.0	36.0
60-61	.0	.0	.0	.0	6.5	7.5	2.5	5.5	21.5	2.0	.0	.0	45.5
61-62	.0	.0	.0	5.0	8.0	4.0	18.0		3.0	3.0	.0	.0	
62-63	.0	.0	.0	.0	1.0	2.0	12.5		16.0	.0	.0	.0	
63-64	.0	.0	.0	.0	1.0	7.5	1.5	4.5	13.0		.0	.0	
64-65	.0	.0	.0	.0	7.5	4.5	6.5	13.5	17.0	T	.0	.0	49.0
65-66	.0	.0	.0	.0	T	8.0	1.0		T	2.0	.0	.0	
66-67	.0	.0	.0	.0	2.0	2.8	7.0	3.0	6.5	T	.0	.0	21.3
67-68	.0	.0	.0	.0	6.5		T		4.5	4.0	.0	.0	
68-69	.0	.0	.0	.0	2.8		2.0	2.0	6.0	.0	.0	.0	
69-70	.0	.0	.0	22.5	9.0	5.3	1.0	T	26.0	5.0	.0	.0	66.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.7	46.6	49.8	56.2	70.8	73.8	87.4	84.2	77.3	63.0	51.7	42.9	62.2
1952	43.3	49.7	46.0	62.4	71.2	87.9	88.2	87.2	81.0	70.1	45.1	43.2	64.6
1953	53.1	45.6	58.8	54.2	67.0	86.1	88.6	85.7	84.0	70.7	56.7	45.8	66.4
1954	48.9	61.9	49.5	70.9	70.6	86.5	92.9	88.5	82.1	67.3	58.2	48.2	68.8
1955	35.8	36.3	50.0	65.5	74.5	78.4	91.4	87.9	80.1	71.0	48.5	45.8	63.8
1956	45.8	37.6	52.7	59.9	74.2	89.9	87.8	84.3	82.8	72.8	48.5	48.2	65.4
1957	36.3	52.4	51.9	51.8	66.4	79.8	88.3	86.0	75.7	62.6	47.9	54.9	62.8
1958	46.3	49.0	40.5	58.1	74.8	81.7	84.9	88.8	80.5	68.3	53.9	44.5	64.3
1959	39.7	38.4	51.1	58.2	68.9	86.1	86.9M	87.1	75.3	59.5	52.7	49.3	62.8*
1960	39.7	37.6	49.5	64.7	70.4	83.7	88.1	88.4	80.3	66.9	53.8	40.8	63.7
1961	43.5	50.2	48.9	59.3	68.2	81.5	87.0	86.6	70.1	66.3	46.3	39.5	62.3
1962	30.4	43.5	47.9	65.6M	74.7	80.1	86.0	87.2	78.5	70.6	55.9	47.0	64.0*
1963	31.4	52.5	51.1	65.9	78.1	83.1	90.7	83.5	80.5	74.2	55.6	40.2	65.6
1964	46.2	42.0	46.7	60.8	74.7	78.4	78.4	85.5	78.6	70.7	52.3	45.0	64.4
1965	47.9	41.3	39.8	64.7	70.5	77.9	86.8	83.4	66.1	71.0	58.0	46.1	62.8
1966	41.6	40.4M	59.2	60.6	75.9	79.8	91.0	85.5	78.8	66.9	51.4	41.0	64.3*
1967	46.5	49.3	58.2	64.2	66.8M	72.4	85.6	85.5	77.0M	70.4	52.6	38.2	63.9*
1968	41.6	46.9	56.6	58.2	68.7	84.9	87.8	82.7	73.4	69.3	49.0	44.6	64.1
1969	46.3	47.9	45.5	67.9	73.4	73.5	88.6	88.7	80.8	51.0	52.7	46.2	63.5
1970	43.9	54.4	46.5	57.6	76.4	81.6	89.3	89.1	75.1	60.3	52.8	45.3	64.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	11.8	15.1	18.8	31.0	40.9	46.0	55.0	54.6	42.3	32.7M	18.8	14.9	31.8*
1952	12.8	17.3	18.3	33.6	42.7	52.3	53.7	53.3	44.0	30.8	15.8	13.6	32.4
1953	21.2	15.3	26.0	28.0	39.3	51.8	56.7	52.8	43.8	33.4	23.9	14.2	33.9
1954	15.7	21.7	18.8	34.5	42.1	51.2	58.8	53.6	47.1	34.1	23.9	14.4	34.7
1955	4.5	7.5	20.3	32.1	43.3	47.1	54.9	54.8	43.8	31.9	19.3	17.3	31.4
1956	18.3	9.5	20.9	30.2	45.2	52.1	53.8	50.6	42.2	32.3	18.6	18.4	32.7
1957	6.9	22.4	24.4	29.4	42.2	49.2	56.0	55.4	42.1	37.8	23.1	19.7	34.1
1958	12.1	20.5	20.2	31.4	46.0	51.6	53.9	54.7	46.1	34.2	22.2	18.7	34.3
1959	12.8	15.9	23.2	29.0	43.1	52.2	52.5M	53.6	42.9	31.4	18.7	16.4	32.6*
1960	10.2	11.6	21.5	34.0	40.9	50.5	53.7	51.7	45.7	35.9	22.6	15.6	32.8
1961	12.6	18.4	24.5	31.6	43.4	49.9	53.9	55.2	41.7	32.8	20.1	12.5	33.1
1962	3	18.9	20.2	34.4M	43.4	49.3	53.4	49.8	44.2	36.3	25.7	15.3	32.6*
1963	4	22.4	22.1	34.4	44.1	50.9	57.2	55.5	49.7	39.4	24.9	10.2	34.3
1964	16.3	13.0	18.9	31.4	41.8	48.8	57.0	51.4	42.1	31.9	24.4	17.5	32.9
1965	17.4	11.3	14.5	35.5	41.3	48.4	55.9	52.4	40.0	34.7	27.1	17.3M	33.0*
1966	9.8	11.1	24.6	31.1	41.8	48.5	58.6	52.5	47.3	31.1	24.1	15.3	33.0
1967	15.8	18.6	27.0	34.0	40.8M	49.3	56.8	52.1	44.7M	34.6	22.7	10.9	33.9*
1968	13.5	19.7	24.6	28.4	41.1	50.8	54.4	52.0	40.5	32.0	21.2	11.8	32.5
1969	15.3	18.8	17.9	36.6	44.5	48.8	57.3	56.4	46.5	27.8	22.7	18.0	34.2
1970	16.0	21.0	21.9	29.2	43.5	48.8	54.2	57.3	42.7	31.4	24.8	17.1	34.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.3	30.9	34.3	43.6	55.9	59.9	71.2	69.4	59.8	47.9M	35.3	28.9	47.0*
1952	28.1	33.5	32.2	48.0	57.0	70.1	71.0	70.3	62.5	50.5	30.5	28.4	48.5
1953	37.2	30.5	42.4	41.1	53.2	69.0	72.7	69.3	63.9	52.1	40.3	30.0	50.1
1954	32.3	41.8	34.2	52.7	56.4	68.9	75.9	71.1	64.6	50.7	41.1	31.3	51.8
1955	20.2	21.9	35.2	48.8	58.9	62.8	73.2	71.4	62.0	51.5	33.5	31.6	47.6
1956	32.1	23.6	36.8	45.1	59.7	71.0	70.8	67.5	62.5	52.6	33.6	33.3	49.1
1957	21.6	37.4	38.2	40.6	54.3	64.5	72.2	70.7	58.9	50.2	35.5	37.3	48.5
1958	29.2	34.8	30.4	44.8	60.4	66.7	69.4	71.8	63.3	51.3	38.1	31.6	49.3
1959	26.3	27.2	37.2	43.6	56.0	69.2	69.7M	70.4	59.1	45.5	35.7	32.9	47.7*
1960	25.0	24.6	35.5	49.4	55.7	67.1	70.9	70.1	63.0	51.4	38.2	28.2	48.3
1961	28.1	34.3	36.7	45.5	55.8	65.7	70.5	70.9	55.9	49.6	33.2	26.0	47.7
1962	15.1	31.2	34.1	50.0M	59.1	64.7	70.1	68.5	61.4	53.5	40.8	31.2	48.3*
1963	15.9	37.5	36.6	50.2	61.1	67.0	74.0	69.5	65.1	56.8	40.3	25.2	49.9
1964	31.3	27.5	32.8	46.1	58.3	63.6	74.6	68.5	60.4	51.3	38.4	31.3	48.7
1965	32.7	26.3	27.2	50.1	55.9	63.2	71.4	67.9	53.1	52.9	42.6	31.7M	47.9*
1966	25.7	25.8M	41.5	45.9	58.9	64.2	74.8	69.0	63.1	49.0	37.8	28.2	48.7*
1967	31.2	34.0	42.6	49.1	53.8M	60.9	71.2	68.8	60.9M	52.5	37.7	24.6	48.9*
1968	27.6	33.3	40.6	43.3	54.9	67.9	71.1	67.4	59.5	50.7	35.1	28.2	48.3
1969	30.8	33.4	31.7	52.4	59.0	61.2	73.0	72.6	63.7	39.4	37.7	32.1	48.9
1970	30.0	37.7	34.2	43.4	60.0	65.2	71.8	73.2	58.9	45.9	38.8	31.2	49.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

MANASSA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	YEAR'S			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET						MEAN: NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW										
JAN	57.1	1.0	19.5	62.	1951	5	-34.	1963	12	0.0	0.3	30.8	15.7	.25	.35	1957	9	3.3	4.	1960	16	.9	0.0	0.0	
FEB	42.9	7.9	25.5	69.	1963	9	-32.	1963	21	0.0	3.6	28.1	6.3	.20	.25	1960	29	1.7	2.	1966	17	.9	0.0	0.0	
MAR	45.2	15.2	32.2	72.	1966	30	-22.	1962	14	0.0	1.4	30.3	2.3	.26	.28	1957	2	2.8	5.	1970	27	1.0	0.0	0.0	
APR	59.5	23.5	41.5	77.	1969	21	2.	1955	4	0.0	0.0	25.5	0.0	.51	.75	1957	2	2.3	3.	1967	13	1.6	.1	0.0	
MAY	66.7	32.9	50.8	88.	1970	24	9.	1968	7	0.0	0.0	14.6	0.0	.78	.73	1955	10	.4	2.	1953	12	2.3	.3	0.0	
JUN	77.2	41.9	59.1	92.	1954	22	21.	1954	7	.3	0.0	2.0	0.0	.63	.88	1953	17	0.0	0.	0	0	2.6	.2	0.0	
JUL	81.8	45.6	63.7	90.	1966	17	30.	1968	1	.4	0.0	.1	0.0	1.45	1.15	1957	17	0.0	0.	0	0	4.8	.8	.1	
AUG	79.7	43.3	61.5	94.	1969	9	29.	1962	30	.3	0.0	1.1	0.0	1.35	1.45	1954	5	0.0	0.	0	0	3.7	.6	.1	
SEP	75.1	35.6	55.4	88.	1969	6	16.	1970	26	0.0	0.0	11.0	0.0	.66	.82	1959	30	0.0	0.	0	0	2.1	.1	0.0	
OCT	64.7	24.9	44.8	81.	1965	9	-7.	1967	30	0.0	0.0	24.7	.1	.77	1.10	1965	17	2.6	11.	1969	12	2.2	.4	.1	
NOV	57.6	13.8	32.2	69.	1963	11	-26.	1957	22	0.0	1.3	29.0	2.9	.34	.62	1957	16	1.1	6.	1953	19	.6	.1	0.0	
DEC	35.9	4.7	22.3	65.	1962	2	-30.	1952	25	0.0	6.4	29.4	12.2	.27	.39	1967	13	4.3	8.	1953	3	.9	0.0	0.0	
ANNUAL	52.7	23.3	41.5							1.	21.	227.	39.	7.5				18.				24.	3.	0.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.09	.15	0.00	0.00	.23	0.00	0.00	0.00	0.00	4.44
.10	0.00	0.00	.05	.14	.23	0.00	.44	.34	0.00	.04	0.00	0.00	5.00
.20	.02	.05	.10	.21	.35	.09	.72	.54	.05	.20	.04	0.00	5.74
.30	.07	.10	.14	.24	.37	.19	.73	.57	.15	.31	.09	.04	6.31
.40	.11	.13	.17	.26	.40	.28	.73	.60	.27	.44	.15	.14	6.84
.50	.17	.19	.23	.33	.47	.30	.73	.67	.40	.57	.21	.20	7.35
.60	.23	.21	.27	.37	.50	.44	.73	.74	.57	.75	.38	.27	7.80
.70	.31	.25	.33	.42	.54	.58	.78	.79	.67	.96	.41	.35	8.50
.80	.42	.31	.40	.52	.64	.75	1.05	1.12	1.11	1.24	.57	.47	9.25
.90	.61	.41	.52	.69	1.04	1.51	2.62	2.65	1.66	1.71	.83	.65	10.35
.95	.79	.51	.64	1.21	1.76	1.96	3.09	3.24	2.21	2.18	1.10	.83	11.33
ALPHA	1.19	2.06	2.11	2.03	2.28	1.14	3.34	1.92	.91	1.33	.96	1.55	12.77
BETA	.25	.11	.13	.25	.34	.62	.46	.70	.82	.61	.39	.22	.59
Q	.17	.11	.06	0.00	0.00	.12	.06	0.00	.12	.05	.11	.21	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA.
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.09	.12	.07			.00	.00			.46	.13	1.03	
1952	.79	.03	.14	.48	.97	.19	1.54	1.52	1.08	T	.81	.12	7.67
1953	.10	.79	.22	.36	.79	1.20	1.20	.11	.01	1.15	.82	.57	6.62
1954	.30	.27	.22	.29	.73	.15	.95	2.11	.94	.09	.02	.12	6.19
1955	.13	.20	.06	.77	1.59	.06	1.62	1.31	.08	.02	T	.02	5.86
1956	.66	.13	.32	.12	.65	.09	1.22	.49	T	.19	.20	T	4.07
1957	.75	.14	.63	1.27	1.82	.24	3.00	1.52	57.7 ^H	.72	1.20	T	11.29
1958	.10	.23	.38	1.26	.89	.70	.30	.71	55.30	1.06	.33	.10	6.36
1959	.37	.24	.42	.97	1.06	.250	.860	2.070	.93	2.00	.07	.25	9.49*
1960	.36	.73	.20	.45	.67	1.11	1.01	.22	.66	1.76	.04	.39	7.60
1961	.04	.16	.51	.27	.18					1.11	.39	.20	
1962	.01	.05	.23	.11	.09	.32	1.78	.57	.43	.40	1.320	.320	5.63*
1963									.66	.29	T	T	
1964	.00	.250											
1965						1.31	2.67	.74	1.49	1.28	.10	.65	
1966	.32	.29	T	.27	.19	.82	1.79	2.47	.03	.99	.08	.20	7.45
1967	T	.47	.03	.25	.90	.95	2.38	2.94	.83	.56	.08	.71	10.10
1968	T	.15	.21	.26	.57	.00	2.08	1.77	.16	.22	.32E	.30	6.04*
1969	.29E	T	.33	.22	.96	2.85	1.80	1.89	1.77	1.48	.320	.19	12.10*
1970	.15	.00	.48	.83E	.46	.44	.38	1.13	1.82	.90	.17	T	6.76*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.0	2.7	1.4			.0	
51-52	.0			2.0	1.8	13.7	13.0	1.3	4.0	1.2	4.9	.0	
52-53	T	.0	.0	.0		3.6	2.1	2.5	2.0	1.1		T	
53-54	.0	.0	.0		6.7	11.3	5.1	2.3	.1	T	T	.0	
54-55	.0	T	.0	.2	T	2.0	.9	2.1	.8	9.3	1.5	.0	16.8
55-56	.0	.0	.0	T	.0	.0			6.0	2.0	.0	.0	
56-57	.0	.0	.0	.0		T					.0	.0	
57-58	.0	.0	.0	.0		.0		.0		10.0	.0	.0	
58-59	.0	.0	.0	.0							.0	.0	
59-60	.0	.0	.0				3.5			.0	.0	.0	
60-61	.0	.0	.0		.0					.5	.0	.0	
61-62								.0		T	.0	.0	
62-63	.0	.0	.0	.0									
63-64		.0	.0	.0	T	T	.0						
64-65											.0	.0	
65-66	.0	.0	.0	.0		8.0	5.0	5.0	T		.0	.0	
66-67	.0	.0	.0	6.0	.0	2.0	T				.0	.0	
67-68	.0	.0	.0	7.0	.4	12.1	T	3.0	4.0	1.0	.0	.0	27.5
68-69	.0	.0	.0	.0				.0	6.5	.0	.0	.0	
69-70	.0	.0	.0	15.5	2.0	3.0	3.5	.0			.0	.0	

* One or more of the above months had zero precipitation during the annual season or season.

T Trace, an amount less than .01 inch.

* Multiple observations.

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.1	46.8	51.2										
1952	35.4	37.3	43.2	59.8	67.5	79.3	82.4	79.8	74.9	67.1	47.3	36.0	
1953	43.9	42.5	51.6	57.1	62.5	79.9	82.5	80.5	78.9	64.1	49.7	34.5	58.5
1954	39.3	52.4	48.8	67.1	71.7	78.9	83.5	80.1	76.3	67.8	55.9	41.7	60.6
1955	38.5	38.0	50.5	57.2	66.1	76.1	82.0	81.2	76.9	68.3	50.2	47.3	63.6
1956	43.8	37.1	53.3	59.6	73.1	82.2	82.7	79.1	81.1M	65.8M	46.9	42.1	61.0
1957	37.5	48.7	49.9	55.8	61.2	77.2	79.3	77.1	74.0	60.5	40.0	38.9	62.2*
1958	38.0	46.9	45.7	55.7	72.0	81.1	82.3	81.6	75.1	65.5	51.2	48.5	58.3
1959	40.8	43.0	50.4	60.9	68.0				73.9	62.5	50.4	40.9M	62.0
1960	32.1M	32.9	51.3	61.7	68.5	78.4	81.5	82.5	76.2	62.4	52.1	33.4	60.4*
1961	35.1	42.8	47.8	58.9	68.6M					62.1	44.9	33.6	
1962	34.0	46.2	44.9	63.0	69.1	75.8	77.4	79.7	73.4	65.9	55.0	48.7M	61.1*
1963	34.8	46.2M	46.4	60.3	70.2M	74.9	81.5	77.8	76.8M	68.6	53.7	43.2M	61.2*
1964	38.8	37.8	46.3										
1965					65.8M	73.0M	81.0M	78.5M	69.2M	68.8M	55.0M	41.7M	
1966	34.0M	35.5M	53.1M	61.2M	72.1M	76.2M	84.7M	79.0M	76.0M	64.4M	57.0M	40.2M	61.1*
1967	41.3M	44.5M	56.7M		68.7M	73.3M	81.6M	77.2M	73.2M	67.0M	56.3M	32.3M	
1968	32.6M	42.6M	51.8M	56.9M	67.4M	80.6M	80.6	75.7M		66.9M		40.1M	
1969		42.3	45.8M	63.4M	72.1M	72.3M	82.1M	83.9M	74.8M	54.8	51.5M	40.8M	
1970	38.4M	51.3	46.3	54.0M	71.4M	75.6M	83.9M	81.4M	71.6M	57.2M	50.4M	43.7M	60.4*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952	5.7	7.6	14.0	23.7	33.2	40.7	39.8	39.2	35.4	26.4	11.5	4.6	
1953	8.2	5.1	16.0	20.6	30.4	41.2	44.7	37.7	30.6	20.5	10.5	4.1	22.2
1954	6.7	14.5	17.2	28.8	36.5	42.4	47.9	43.2	40.5	25.0	14.3	1.2	22.9
1955	1.5	1.8	14.9	24.4	33.1	39.5	44.8	45.4	34.9	29.0	13.2	2.1	26.8
1956	9.5	5.3	17.7	23.3	36.3	44.7	44.4	39.8	34.6M	24.9M	6.7	.7	24.0*
1957	8.8	16.6	16.5	22.5	31.3	39.9	46.2	45.1	31.9	27.5	7.1	1.8	24.6
1958	.5	11.0	15.3	21.1	32.6	41.7	42.3	43.2	36.9	21.9	11.5	6.4	23.6
1959	-1.6	8.1	12.3	24.1	33.9				33.8	24.5	12.0	8.3M	
1960	-4.9M	.9	16.6	24.7	32.0	40.7	43.3	41.9	35.6	23.9	14.8	1.6	22.6*
1961	-3.7	8.0	17.4	19.9	29.1M					24.6	11.1	-3.0	
1962	1.0	15.8M	10.8M	26.0	32.7	40.5	44.7	39.4	37.0	24.0	26.0	27.7M	27.1*
1963	.5	-3.9	17.5M	26.4	36.8M	41.3	47.1	46.6		29.6	12.0	-2.0M	
1964	-10.5	13.2	6.7										
1965					34.2M	40.5M	48.2M	43.3M	38.3M	26.8M	20.1M	10.2M	
1966	-2.5M	1.2M	14.5M	23.9M	33.5M		48.7M	45.3M	35.2M	24.1M	18.2M	5.9M	
1967	1.6M	7.0M	20.9M	25.4M	30.6M	39.9M	48.0M	42.8M	38.0M	22.4M	15.8M	2.6M	24.6*
1968	-1.5M	8.3M	18.0M	20.7M	30.6M	41.2M	45.2	44.6M		25.9M		.3M	
1969		9.3	12.7M	26.2M	34.4M	39.6M	49.1M	49.3M	37.3	25.3	12.8M	6.7M	
1970	.7M	12.8	15.4	18.4M	30.2M	39.9M	45.4M	46.2M	34.7M	24.0M	16.3M	7.3M	24.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951										46.8	29.4	20.3	
1952	20.6	22.5	24.6	41.8	50.4	60.0	61.1	59.5	55.2	44.7	26.7	13.5	40.4
1953	26.1	23.8	33.8	38.9	46.5	60.6	63.6	59.1	54.8	44.6	32.0	17.9	41.8
1954	23.0	33.5	33.0	48.0	54.1	60.7	65.7	61.7	58.4	48.4	34.6	21.9	45.3
1955	20.0	19.9	32.7	40.8	49.6	57.8	63.4	63.3	55.9	46.0	32.2	29.2	42.6
1956	26.7	21.2	35.5	41.5	54.7	63.5	63.6	59.5	57.9M	45.4M	26.8	21.4	43.1*
1957	23.2	32.7	33.2	39.2	46.3	58.6	62.8	61.1	53.0	44.0	23.6	20.4	41.5
1958	18.8	29.0	30.5	38.4	52.4	61.4	62.3	62.4	56.0	43.7	31.4	27.5	42.8
1959	19.6	25.6	31.4	42.5	51.0				53.3	43.5	31.2	24.6M	
1960	13.6M	16.9	34.0	43.2	50.3	59.6	62.4	62.2	55.9	43.2	33.5	17.5	41.0*
1961	15.7	25.4	32.6	39.4	48.9M					43.4	28.0	15.3	
1962	17.5	31.1M	27.9M	44.5	50.9	58.2	61.1	59.6	55.2	45.0	40.5	38.2M	44.1*
1963	17.2	21.2M	32.0M	43.4	53.5M	58.1	64.3	62.2		49.1	32.9	20.6M	
1964	14.2	25.5	26.3										
1965					50.0M	56.8M	64.6M	60.9M	53.8M	47.8M	37.6M	26.0M	
1966	15.8M	18.4M	33.8M	42.6M	52.8M		66.7M	62.2M	55.6M	44.3M	37.6M	23.1M	
1967	21.5M	25.8M	38.8M		49.7M	56.6M	64.8M	60.0M	55.6M	44.7M	36.1M	17.5M	
1968	15.6M	25.5M	34.9M	38.8M	49.0M	60.9M	62.9	60.2M		46.4M		19.9M	
1969		25.8	29.3M	44.8M	53.3M	56.0M	65.6M	66.6M	56.1M	40.1	32.2M	23.8M	
1970	18.9M	32.1	30.9	36.2M	50.8M	57.7M	64.7M	63.8M	53.2M	40.6M	33.4M	25.5M	42.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

MANCOS

05 5327 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)										
	MO'S		EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN													1.46	1.14	1961	27	21.6	21.	1960	17	3.9	.4	.1
FEB													1.05	.85	1969	7	10.8	28.	1957	1	3.7	.3	0.0
MAR													1.23	.94	1964	24	9.9	8.	1962	10	4.2	.4	0.0
APR													1.29	1.65	1953	7	1.2	12.	1953	7	3.0	.8	.1
MAY													.86	1.32	1965	13	.3	0.	0	0	2.4	.6	.1
JUN													.52	.74	1969	26	0.0	0.	0	0	1.9	.1	0.0
JUL													2.01	1.79	1952	29	0.0	0.	0	0	5.5	1.1	.2
AUG													2.11	2.23	1963	5	0.0	0.	0	0	6.2	.8	.2
SEP													1.20	1.38	1969	11	0.0	0.	0	0	3.4	.9	.2
OCT													1.64	1.81	1969	3	.4	1.	1961	29	3.4	1.1	.4
NOV													1.17	1.50	1964	16	4.0	5.	1960	27	3.1	.6	.1
DEC													1.45	1.35	1960	4	11.6	18.	1951	20	4.2	.6	.1
ANNUAL													16.0				62.				45.	8.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.32	.13	.15	.26	.11	0.00	.57	.47	0.00	0.00	.42	.28	10.31
.10	.45	.21	.25	.37	.14	.07	.71	.67	0.00	0.00	.53	.42	11.36
.20	.67	.36	.42	.55	.30	.15	1.00	.97	.24	0.00	.63	.63	12.76
.30	.86	.50	.59	.73	.42	.33	1.26	1.25	.44	.71	.82	.82	13.80
.40	1.05	.65	.77	.91	.55	.32	1.52	1.52	.65	1.07	.95	1.05	14.75
.50	1.26	.86	.98	1.10	.69	.41	1.78	1.83	.68	1.41	1.08	1.23	15.68
.60	1.49	1.06	1.21	1.32	.85	.52	2.08	2.16	1.16	1.77	1.22	1.47	16.64
.70	1.77	1.26	1.50	1.58	1.05	.65	2.43	2.56	1.50	2.19	1.39	1.76	17.72
.80	2.13	1.50	1.70	1.92	1.32	.83	2.89	3.09	2.17	2.73	1.60	2.15	19.03
.90	2.71	2.12	2.55	2.48	1.76	1.13	3.61	3.92	3.75	3.58	1.92	2.76	20.96
.95	3.26	2.65	3.18	3.01	2.19	1.42	4.29	4.71	3.52	4.38	2.23	3.35	22.65
ALPHA	2.40	1.56	1.53	2.13	1.60	1.48	2.84	2.44	1.32	2.35	4.26	2.17	17.89
BETA	.61	.66	.40	.61	.54	.37	.71	.87	1.01	.87	.27	.67	.89
Q	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	.10	.20	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.73	.90	.17	1.35	.79	.04	.32	1.67	.78	2.09	.74	4.28	14.86
1952	2.55	1.29	1.06	2.71	.25	.74	3.69	1.08	.88	.00	1.23	.88	16.36
1953	1.70	.23	1.35	2.74	.31	.36	2.56	2.95	.04	3.03	1.32	.51	17.10
1954	.74	.26	1.68	.09	1.83	.41	3.15	1.32	3.23	.77	.55	1.35	15.38
1955	1.13	1.36	.08	1.41	1.31	.18	2.56	3.27	.86	T	1.41	2.06	15.63
1956	3.16	.74	.38	.75	.24	.40	2.60	1.15	.07	1.48	.41	.62	12.00
1957	4.17	1.24	1.64	3.78	2.97	.45	4.06	4.12	.00	2.83	2.50	1.11	28.87
1958	1.36	1.69	2.18	.93	.18	.27	1.32	.72	2.10	1.11	.99	.10	12.95
1959	.39	1.31	.29	1.13	.44	.41	1.73	2.37	.75	3.12	.74	1.90	14.58
1960	2.45	1.27	1.27	1.54	.63	.50	1.09	.24	1.04	2.95	1.20	2.10	16.28
1961	1.23	1.06	3.20	.61	.58	.17	1.29	3.54	1.35	2.24	1.14	.59	17.00
1962	.42	2.31	1.11	.89	.69	.40	.38	.55	1.36	2.71	1.50	.96	13.28
1963	1.24	1.04	.65	.47	.25	.07	1.85	5.86	.26	1.94	.49	.65	14.77
1964	.84	.36	2.52	1.88	.67	T	1.67	2.02	2.07	.00	2.17	1.86	16.00
1965	1.11	1.07	2.00	1.36	2.81	.95	2.55	1.48	2.00	1.98	1.77	2.23	21.28
1966	.54	.82	.34	1.13	.93	.52	.90	1.37	1.03	.08	1.29	2.59	11.54
1967	.55	.02	.27	.37	.94	.63	1.35	2.98	.68	T	.45	2.04	10.28
1968	.87	1.22	1.19	1.17	.81	.30	1.90	1.98	T	1.32	.79	1.57	11.12
1969	2.40	2.25	1.02	.63	.36	2.52	4.03	1.76	1.98	3.87	.87	.66	22.35
1970	.54	.14	2.19	.96	.20	1.15	1.25	1.76	3.53	1.31	1.78	1.00	15.81

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							26.0	13.5	4.0	7.0	.6	.0	
51-52	.0	.0	.0	.0	2.5	26.0	26.5	15.0	15.5	3.0	.0	.0	
52-53	.0	.0	.0	.0	.0		13.5	3.0		T	.0	.0	
53-54	.0	.0	.0	.0	.0	9.0		2.0	9.5	.0	.0	.0	
54-55	.0	T	.0	.0	T	13.0	17.0	20.0		1.0	T	.0	
55-56	.0	.0	.0	.0	T	13.0		7.0	4.0		.0	.0	
56-57	.0	.0	.0	5.0			56.5		11.0		4.0	.0	
57-58	.0	.0	.0	T	3.5	3.0	19.5		11.0		.0	.0	
58-59	.0	.0	.0	.0	4.0	2.0	7.0	13.0	.0	.0	.0	.0	26.0
59-60	.0	.0	.0	.0	.0	17.0	28.0	12.1	7.0		.0	.0	
60-61	.0	.0	.0	.0	6.5		12.3	11.5	29.4	1.0		.0	
61-62	.0	.0	.0	.0	.0	12.6	9.6		17.5	.0	.0	.0	
62-63	.0	.0	.0	.0	.0						.0	.0	
63-64	.0	.0	.0	.0	.0						T	.0	
64-65	.0	.0	.0	.0	.0					T	.0	.0	
65-66	.0	.0	.0	.0	.0	.0					.0	.0	
66-67	.0	.0	.0	.0	.0				.0	.0	.0	.0	
67-68	.0	.0	.0	.0	.0					.0	.0	.0	
68-69	.0	.0	.0	.0	.0					.0	.0	.0	
69-70	.0	.0	.0	.0	.0						2.0	.0	

CLIMATOLOGY REPORT NO. 77-1

MARVINE

05 5408 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	SEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.0 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW												0 OR BELOW
JAN.	35.0	6.9	21.0	59.	1966	19	-40.	1962	10	0.0	10.4	30.6	9.0	1.66	.79	1967	1	31.2	46.	1957	29	5.1	.4	0.0
FEB	37.4	10.4	23.9	64.	1963	5	-30.	1962	28	0.0	7.3	27.8	5.3	1.73	1.24	1962	13	29.9	54.	1968	22	6.3	.6	.1
MAR	41.9	14.2	28.1	64.	1966	31	-19.	1962	13	0.0	4.4	30.6	4.8	1.66	1.37	1952	26	27.7	61.	1952	26	5.5	.4	0.0
APR	52.4	24.6	38.5	82.	1962	23	-6.	1970	1	0.0	.4	24.9	.1	1.90	.90	1963	28	22.4	37.	1952	1	5.5	.7	0.0
MAY	63.9	31.6	47.8	82.	1959	12	8.	1968	7	0.0	0.0	16.5	0.0	1.43	.83	1952	21	4.4	12.	1953	4	4.4	.8	0.0
JUN	74.0	37.0	55.5	89.	1961	29	24.	1968	30	0.0	0.0	4.5	0.0	1.45	1.60	1969	24	.4	0.	0	0	3.7	1.0	.1
JUL	81.9	41.6	61.3	92.	1960	28	27.	1968	1	1.3	0.0	.8	0.0	1.42	1.41	1952	29	0.0	0.	0	0	3.6	.5	.1
AUG	77.7	41.5	59.6	95.	1965	12	27.	1964	30	.5	0.0	1.1	0.0	2.18	1.06	1961	1	0.0	0.	0	0	4.5	1.4	.1
SEP	68.9	34.3	51.6	88.	1960	4	14.	1961	25	0.0	0.0	10.9	0.0	1.83	2.30	1961	22	1.8	14.	1961	23	4.9	1.5	.4
OCT	59.5	26.8	43.2	77.	1962	13	2.	1960	30	0.0	.2	25.1	0.0	1.64	2.02	1966	3	7.7	11.	1970	10	4.1	.9	.3
NOV	47.2	19.2	33.2	69.	1965	12	-10.	1965	28	0.0	1.5	28.8	1.1	1.51	2.06	1957	19	19.0	15.	1951	14	5.1	.8	.1
DEC	36.6	11.0	22.0	65.	1965	29	-20.	1969	29	0.0	9.8	30.5	6.2	2.08	1.19	1966	6	34.1	41.	1951	31	5.6	1.2	.1
ANNUAL	56.4	25.0	41.6							2.	34.	232.	26.	20.5				179.				58.	10.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.41	.36	.40	.77	.19	.20	0.00	.49	0.00	0.00	.48	.65	13.99
.10	.56	.52	.56	.94	.30	.32	.31	.69	.17	0.00	.62	.84	15.24
.20	.80	.78	.80	1.19	.51	.52	.57	1.01	.44	.58	.83	1.14	16.85
.30	1.02	1.01	1.02	1.39	.71	.73	.79	1.30	.67	.87	1.02	1.39	18.08
.40	1.23	1.24	1.23	1.78	.92	.94	.99	1.58	.94	1.14	1.19	1.63	19.18
.50	1.45	1.44	1.45	2.23	1.15	1.17	1.22	1.89	1.35	1.62	1.37	1.89	20.24
.60	1.71	1.77	1.71	2.90	1.42	1.44	1.47	2.23	1.75	1.73	1.57	2.16	21.35
.70	2.00	2.11	2.01	3.83	1.75	1.77	1.77	2.64	2.26	2.09	1.81	2.49	22.57
.80	2.39	2.55	2.41	5.04	2.20	2.22	2.17	3.18	2.96	2.57	2.11	2.91	24.06
.90	3.01	3.26	3.03	7.01	2.93	2.96	2.79	4.04	4.13	3.32	2.58	3.56	26.23
.95	3.59	3.93	3.62	9.44	3.64	3.66	3.39	4.45	5.28	4.03	3.02	4.17	28.12
ALPHA	2.68	2.31	2.64	5.24	1.61	1.65	2.24	2.45	1.24	2.31	3.59	3.52	22.62
BETA	.62	.75	.63	.36	.89	.88	1.67	.89	1.55	.79	.42	.59	.91
Q	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.53	1.16	.70	3.74	1.72	1.44	2.30	3.56	.31	1.72	1.48	4.48	24.14
1952	1.73	1.57	3.73	1.01	1.96	2.10	4.24	5.09	.27	T	1.12	2.31	25.13
1953	2.59	.89	2.72	2.44	1.12	.51	2.37	2.63	.09	1.08	1.58	1.89	19.91
1954	.56	.15	3.13	1.48	.79	.52	1.46	.96	3.81	1.82	1.89	1.34	18.31
1955	1.74	.97	1.16	1.62	1.72	1.15	.25	1.09	.43	1.12	3.03	1.28	15.56
1956	3.60	2.45	.17	2.50	1.01	1.27	1.61	.34	T	.88	.87	2.44	17.14
1957	2.49	.74	1.92	2.33	3.84	2.87	1.39	2.36	.76	2.90	3.87	2.40	27.87
1958	1.14	3.32	2.03	1.24	.33	.21	1.03	.57	2.45	T	.64	1.65	14.51
1959	1.56	2.79	1.85	1.69	.96	2.31	.61	3.61	3.42	1.52	.40	.65	21.37
1960	1.52	2.20	2.00	.57	1.45	.58	.17	.88	1.66	1.25	1.43	1.02	14.73
1961	.12	1.48	2.36	1.98	1.41	.64	.99	3.31	7.27	1.37	.69	1.65	23.27
1962	2.25	5.14	.99	1.40	.13	.95	T	2.09	1.13	1.71	.69	.70	17.18
1963	.74	1.32	1.84	1.36	.27	1.32	1.86	3.49	1.88	.92	1.51	.87	17.38
1964	.65	1.29	1.84				1.190	2.370	.86	.16	1.72	4.79	
1965	1.290	.91	1.43	2.99	4.69	2.40	1.81	1.77	4.25	.60	2.30	2.150	26.59*
1966	.56	1.030	.62	.980	1.44	.15	.38	1.14	.78	3.37	.80	3.03	14.28*
1967	2.04	1.34	1.76	1.20	2.57	2.42	1.11	.55	1.83	1.58	1.08	4.01	21.49
1968	1.38	3.86	.92	3.20	.91	.35	1.91	3.34	.89	1.95	1.88	1.67	22.26
1969	2.15	.96	.38	1.85	.41	4.14	2.01	2.45	2.63	4.78	1.20E	1.85	25.82*
1970	2.16	1.14	1.68	2.50	.49	2.25	1.78	1.92	1.97	4.11	2.05	1.38	23.40

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							32.5	21.3	11.3	20.5	.0	T	
51-52	.0	.0	.0		25.0	76.5	29.3	37.2	58.0	9.4	1.0	.0	
52-53	.0	.0	.0	.0	16.7	39.8	31.6	14.1	35.7	34.4	18.9	T	191.2
53-54	.0	.0	.0	10.2	16.9	29.2	21.0	9.7	49.7	6.0	T	T	142.7
54-55	.0	T	.0	3.1	26.7	18.6	34.1	15.6	15.2	36.8	4.2	1.4	155.7
55-56	.0	.0	.0	6.5	47.2	26.5	40.2	41.0	3.3	17.9	3.6	.0	186.2
56-57	.0	T	.0	10.5	22.8	35.5	50.6	10.2	22.9	27.4	2.1	1.1	183.1
57-58	.0	.0	.0	4.1	22.9	30.2	20.5	48.0	20.1	14.5	T	.0	160.3
58-59	.0	.0	.0	T	6.4	20.7	30.7	44.0	24.8	15.5	T	.0	142.1
59-60	.0	.0	T	T	3.1	11.3	27.1	46.0	38.5	3.8	7.0	.0	136.8
60-61	.0	.0	.0	4.2	17.0	20.4	3.2	26.0	39.7	32.3		.0	
61-62	.0	.0	18.0	2.4	10.3		41.8	74.9	22.3	10.0	1.9	2.2	
62-63	.0	.0	.0	.0	2.4	14.7	20.3	16.8	40.5	16.7	.0	.0	111.4
63-64	.0	.0	.0	.0	8.1	16.8		21.8	42.9				
64-65	.0	.0	.0	1.8	27.0	59.0		28.0	34.0	45.0	24.0	.0	
65-66	.0	.0	16.0	.0	8.0		13.5	18.0	10.5		2.0	.0	
66-67	.0	.0	.3		17.1	33.8	38.0	24.8	21.5	17.4	9.5	.0	
67-68	.0	.0	.0			77.1	30.9	54.3		41.3		.0	
68-69	.0	.0	.0	9.6	36.1	33.8	54.7	22.9	9.2	19.0	T	2.1	
69-70	.0	.0	.0	47.6		37.9	42.3	24.2	26.5	35.7	T	T	

One or more of the annuals
T Trace, or less

MARVINE

05 5408 2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958							78.9	81.2	69.2	62.3	47.5	40.6	
1959	35.7	38.4	41.9	53.0	63.2	77.7	80.4	73.4	66.6	53.2	46.1	41.4	55.9
1960	33.7	31.7	45.4	55.9	63.1	76.6	83.2	80.8	74.6	59.0	45.0	32.8	56.8
1961	34.8	37.8	43.8	48.8	64.9	77.6	81.9	74.5	55.0	53.9	39.5	30.2	53.6
1962	29.7	40.1	40.5	59.9	63.2	74.0	80.7	79.5	73.0	63.7	56.1	42.3	58.6
1963	32.2	44.0	43.0	42.8	62.2	75.7	84.8	73.1	73.1	65.8	50.7	39.8	57.3
1964	34.1	26.8	31.4						70.4	67.5M	46.7M	40.0	
1965		39.2	39.5	56.8	63.6	73.3	79.6	78.0	63.6	67.6	54.1	40.0	
1966	44.9	33.1	46.2	55.3M	67.2	74.1	82.9	79.4	73.4	58.0	47.9	34.5	58.1*
1967		38.4	47.1	53.9	60.9	69.2	78.9	79.3	70.5	62.1M	51.2	30.2	
1968	35.0	38.5	45.4	46.8	60.8	75.3	78.6	71.6	68.1	60.6	40.5	33.0	54.5
1969	37.5	37.6	39.4	57.5	68.9	68.9	82.0M	81.2M	71.0	49.6		35.9	
1970	32.4	42.8	39.2	45.5	65.3	71.6	79.2	80.0	67.7	50.7	41.0	35.0	54.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958							39.3	42.2	33.5	25.3	16.6	14.9	
1959	8.4	11.5	14.3	24.0	35.5	37.5	39.1	40.4	33.4	25.8	16.3	12.5	24.9
1960	8.1	2.8	19.4	24.9	29.2	36.3	41.5	39.5	34.9	26.3	16.8	5.5	23.8
1961	4.1	11.6	17.2	24.8	30.8	37.9	39.8	41.9	31.3	23.5	13.7	7.5	23.7
1962	1.2	14.4	8.9	27.2	35.3	37.0	38.9	38.4	34.3	31.9	19.5	12.5	25.0
1963	4.0	15.6	12.9	22.4	27.6	35.8	38.9	41.6	36.6	32.6	23.0	15.0	25.5
1964	3.5M	1.7	1.2						33.4	27.5M	21.6	14.3	
1965		12.0	16.5	33.9	31.7	38.1	41.7	38.6	30.5	26.3	22.3	15.5	
1966	12.6M	5.6	17.6	21.8M	33.7	36.9	46.2	42.4	37.6	26.1	23.3	11.0	26.2*
1967		10.3	20.8	25.6	30.0	36.4	44.3	42.5	35.7	27.6M	19.8	4.2M	
1968	4.9	13.5	16.3	19.6	29.3	36.8	42.1	41.4	32.7	27.6	16.0	8.5	24.1
1969	13.2	10.9	10.5	27.4	34.1	36.7	44.1M	45.1M	37.9	24.7		10.2	
1970	9.3	14.6	15.1	19.2	30.8	37.1	43.5	44.1	33.9	23.4	21.0	12.0	25.3

MARVINE

05 5400 2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958							59.1	61.7	51.4	43.8	32.1	27.8	
1959	22.1	25.0	28.1	38.5	49.4	57.6	59.8	56.9	50.0	39.5	31.2	27.0	40.4
1960	20.9	17.3	32.4	40.4	46.2	56.5	62.4	60.2	54.8	42.7	30.9	19.2	40.3
1961	19.5	24.7	30.5	36.8	47.9	57.8	60.9	58.2	43.2	38.7	26.6	18.9	38.6
1962	15.5	27.3	24.7	43.6	49.3	55.5	59.8	59.0	53.7	47.8	37.8	2.7	39.7
1963	18.1	29.8	28.0	32.6	44.9	55.8	61.9	57.4	54.9	49.2	36.9	27.5	41.4
1964	18.8M	14.3	16.3						51.9	47.5M	34.2M	27.2	
1965		25.6	28.0	45.4	47.7	55.7	60.7	58.3	47.1	47.0	38.2	27.8	
1966	28.8M	19.4	31.9	38.6M	50.5	55.5	64.6	60.9	55.5	42.1	35.6	22.8	42.2*
1967		24.4	34.0	39.8	45.5	52.8	61.6	60.9	53.1	44.9M	35.5	17.2M	
1968	20.0	26.0	30.9	33.2	45.1	56.1	60.4	56.5	50.4	44.1	28.3	20.8	39.3
1969	25.4	24.3	25.0	42.5	51.5	52.8	63.1M	63.2M	54.5	37.2		23.1	
1970	20.9	28.7	27.2	32.4	48.1	54.4	61.4	62.1	50.8	37.1	31.0	23.5	39.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

MEEKER

05 5484 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR		RECORD LOWEST	YEAR		90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
					YEAR	DAY		YEAR	DAY															
JAN	37.4	7.4	22.4	59.	1956 10	-43.	1963 12	0.0	7.8	30.5	10.6	1.19	.80	1953 21	18.5	15.	1957 27	4.5	.1	0.0				
FEB	45.7	11.7	26.2	65.	1962 11	-33.	1951 1	0.0	4.6	27.4	6.3	1.28	.63	1957 9	17.6	15.	1968 16	5.1	.3	0.0				
MAR	48.8	18.8	32.8	73.	1968 29	-13.	1964 6	0.0	2.2	29.3	1.6	1.37	1.10	1954 21	15.4	14.	1968 1	5.4	.1	.1				
APR	58.2	27.6	42.9	81.	1962 19	6.	1970 1	0.0	0.0	23.3	0.0	1.67	.76	1959 27	5.6	6.	1963 18	6.2	.6	0.0				
MAY	62.6	35.4	52.5	85.	1956 31	14.	1968 7	0.0	0.0	9.6	0.0	1.53	1.59	1960 19	1.0	6.	1960 19	4.6	.5	.1				
JUN	79.2	41.5	60.4	100.	1954 23	25.	1954 2	1.6	0.0	1.3	0.0	1.44	1.12	1969 23	0.0	0.	0 0	3.9	.8	.1				
JUL	86.3	47.9	67.1	97.	1954 12	33.	1968 1	7.5	0.0	0.0	0.0	1.57	1.42	1953 11	0.0	0.	0 0	4.2	.8	.1				
AUG	83.1	45.8	64.5	95.	1970 1	29.	1956 31	3.7	0.0	.3	0.0	1.99	1.20	1952 10	0.0	0.	0 0	5.3	.8	0.0				
SEP	76.0	36.8	56.4	94.	1954 1	20.	1961 25	.2	0.0	8.3	0.0	1.50	1.79	1961 22	.9	11.	1965 18	4.4	.6	.3				
OCT	65.3	28.2	46.8	83.	1957 1	9.	1960 30	0.0	0.0	22.4	0.0	1.36	1.20	1966 3	1.7	7.	1955 28	4.0	.8	.2				
NOV	49.4	18.6	34.0	70.	1967 15	-17.	1952 27	0.0	1.8	27.9	1.8	1.14	.71	1969 17	10.1	9.	1956 5	3.9	.2	0.0				
DEC	38.5	12.1	24.3	62.	1962 16	-31.	1962 26	0.0	8.1	30.2	7.9	1.49	1.18	1951 30	15.9	14.	1951 30	4.8	.5	.1				
ANNUAL	61.2	27.7	44.5					13.	24.	210.	28.	17.5						87.			56.	6.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.39	.35	.27	.59	.29	.20	.37	.69	.65	0.00	.29	.59	12.41
.10	.51	.47	.40	.74	.43	.32	.52	.87	.82	.24	.48	.73	13.82
.20	.67	.65	.60	.97	.63	.53	.75	1.15	1.08	.49	.57	.97	14.47
.30	.81	.81	.74	1.18	.85	.73	.96	1.36	1.30	.70	.71	1.08	15.44
.40	.95	.97	.97	1.35	1.07	.94	1.16	1.50	1.43	.71	.71	1.08	15.44
.50	1.09	1.14	1.17	1.54	1.30	1.17	1.39	1.60	1.53	.71	.71	1.08	16.41
.60	1.24	1.32	1.39	1.74	1.56	1.43	1.62	1.83	1.76	1.13	1.01	1.30	17.35
.70	1.42	1.54	1.67	1.94	1.87	1.76	1.91	2.08	2.00	1.39	1.18	1.55	18.12
.80	1.65	1.82	2.03	2.29	2.28	2.19	2.24	2.44	2.42	1.59	1.38	1.75	18.95
.90	2.01	2.26	2.60	2.76	2.75	2.91	2.88	3.31	3.27	2.10	1.64	2.00	21.44
.95	2.34	2.67	3.15	3.20	3.58	3.59	3.45	3.84	4.72	3.40	2.43	2.72	22.71
ALPHA	3.80	3.01	2.21	4.17	2.10	1.70	2.59	4.07	.88	1.92	2.83	5.03	34.36
BETA	.31	.42	.62	.40	.73	.85	.61	.49	1.72	.75	.40	.30	.51
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.23	.91	.21	2.30	1.12	1.00	1.27	3.08	.08	2.54	1.25	2.85	17.84
1952	1.37	.73	2.46	.39	1.76	2.03	2.13	3.94	.08	.00	.37	2.10	17.36
1953	1.89	.45	1.63	2.07	2.76	.52	4.06	2.03	.06	1.22	1.66	.92	19.27
1954	1.28	.29	3.12	.70	1.30	.99	1.95	1.26	4.00	2.03	1.05	1.24	19.21
1955	1.34	1.04	.77	1.47	1.73	1.32	.33	1.91	.96	.98	2.15	.91	14.91
1956	2.15	1.45	.12	2.47	.95	.13	1.67	1.05	.06	1.42	1.01	1.60	14.08
1957	2.08	1.14	1.98	2.29	4.11	2.13	2.04	3.45	.26	2.58	2.02	1.43	25.51
1958	.72	2.26	2.15	1.09	1.07	.24	.85	.48	2.76	.18	.95	1.13	13.88
1959	1.21	1.99	1.22	1.69	.68	1.33	.65	3.38	2.62	1.30	.07	.78	16.92
1960	.96	1.84	2.15	.82	2.78	1.07	2.08	.92	1.80	1.13	1.32	.83	17.70
1961	.18	1.12	2.09	1.82	2.21	.58	.69	1.64	5.98	1.65	1.06	1.00	20.02
1962	1.09	3.13	.79	1.61	.65	.75	.26	1.31	1.23	.89	.77	1.12	13.60
1963	.51	.70	1.55	1.32	.29	1.28	.79	3.58	1.16	.81	1.19	.72	13.90
1964	.82	.66	1.54	3.23	1.53	2.76	.68	2.08	.65	.41	1.48	2.85	18.69
1965	1.25	.87	.71	1.27	2.97	2.00	2.52	1.21	2.11	.09	1.45	1.83	18.28
1966	.78	1.28	.65	.54	1.15	.36	1.67	1.10	.36	2.11	.67	2.53	12.20
1967	1.09	.82	1.53	1.45	1.82	3.03	1.59	1.54	1.98	1.07	.47	2.43	18.92
1968	.53	2.85	.51	2.80	1.25	.48	2.92	2.06	1.02	2.06	.97	1.01	18.46
1969	2.13	.70	.72	1.97	.21	4.18	1.47	2.29	1.44	3.33	1.74	1.00	21.18
1970			1.47	2.07	.30	2.56	1.74	1.45	1.46				

TOTAL SNOWFALL (INCHES)

SEASCH	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				4.0	16.5	34.0	17.5	12.0	3.5	T	T	.0	
51-52	.0	.0	.0	.0	7.0	14.0	21.0	15.4	35.6	T	.0	.0	126.5
52-53	.0	.0	.0	.0	7.0	14.0	24.0	6.0	10.0	7.0	T	.0	68.0
53-54	.0	.0	T	2.0	10.0	13.0	18.0	5.0	31.5	T	T	.0	79.5
54-55	.0	.0	.0	2.0	9.0	6.2	21.5	18.2	10.2	18.0	T	.0	85.1
55-56	.0	.0	.0	9.5	26.1	14.1	20.0	30.0	1.0	4.0	T	.0	104.7
56-57	.0	.0	.0	7.0	18.0	23.0	38.0	3.0	21.0	12.0	.0	.0	122.0
57-58	.0	.0	.0	.0	21.3	18.5	12.7	30.0	20.7	6.5	.0	.0	109.7
58-59	.0	.0	.0	.0	4.0	10.6	19.5	34.7	8.5	4.0	.0	.0	81.3
59-60	.0	.0	.0	.0	T	7.5	14.5	25.0	16.0	T	15.0	.0	78.0
60-61	.0	.0	.0	4.5	11.0	11.0	4.0	12.4	20.4	12.5	1.0	.0	76.8
61-62	.0	.0	.0	2.0	12.5	15.0	21.5	35.7	6.0	2.0	.0	.0	
62-63	.0	.0	.0	.0	3.5	16.0	9.5	6.0	14.0	10.0	.0	.0	59.0
63-64	.0	.0	.0	.0	4.5	12.5	15.6	11.0	25.5	21.0	.0	.0	90.1
64-65	.0	.0	.0	.0	21.0	25.5	19.5	14.0		.0	4.0	.0	
65-66	.0	.0	16.0	.0	3.0	18.0		23.0	5.0	3.0	.0	.0	
66-67	.0	.0	.0	.0	5.0					.0	.0	.0	
67-68	.0	.0	.0	.0	.0						.0	.0	
68-69	.0	.0	.0	.0						.0	.0	.0	
69-70	.0	.0	.0								.0	.0	

T Trace, an amount less than .01 inch.

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.9	41.7	46.6	58.4	68.6	74.5	88.1	81.3	77.5	60.1	45.3	35.0	59.3
1952	33.1	35.1	39.8	58.9	68.9	81.1	85.0	80.5	79.0	72.0	44.0	36.7	59.5
1953	43.2	39.4	50.7	55.3	62.5	81.4	86.2	81.4	80.2	65.0	52.3	35.2	61.1
1954	42.4	48.0	45.7	64.3	73.1	81.1	87.3	84.1	75.5	65.2	54.1	38.8	63.3
1955	34.3	34.8	44.1	57.5	68.8	77.2	88.3	84.4	78.9	66.3	46.8	41.8	60.3
1956	44.2	36.8	50.1	59.0	72.6	84.2	85.1	81.7	82.0	68.2	44.0	36.8	62.1
1957	35.7	45.5	49.3	55.2	62.2	77.4	83.4	81.5	75.4	62.3	42.6	40.6	59.3
1958	37.3	45.4	44.0	55.2	74.5	82.7	84.5	87.4	76.5	68.5	52.2	45.9	62.8
1959	39.7	41.0	47.3	60.1	68.7	84.2	87.2	82.6	72.9	61.1	52.8	44.2	61.8
1960	35.9	35.1	50.0	62.5	68.9	82.3	88.4	85.8	79.3	63.6	52.0	38.5	61.9
1961	41.3	43.4	49.0	55.7	70.5	83.4	86.1	85.6	65.7	61.5	44.9	35.6	60.2
1962	32.0	42.1	43.5	63.5	69.6	78.8	85.0	84.7	77.5	67.6	55.2	43.0	61.9
1963	31.5	47.9	48.9	59.2	74.4	79.6	88.6	80.9	79.8	71.1	53.5	39.5	62.9
1964	34.5	36.2	41.2	55.1	69.7	76.3	89.2	81.3	76.2	69.5	45.2	35.6	59.2
1965	38.2	39.6	41.2	58.0	66.7	75.0	82.9	80.8	66.3	70.5	53.7	40.1	59.4
1966	37.6	37.8	52.2	61.4	73.3	79.5	87.7	84.0	77.7	62.9	53.2	33.6	61.7
1967	37.9	41.7	53.1	57.4	65.5	73.8M	84.7	83.7	76.1	66.5	53.3	32.5	60.5*
1968	34.2	41.1	49.7	52.0	66.0	80.6	84.5	77.4	73.3	65.0	46.2	38.2	59.0
1969	42.3	40.5	45.0	63.5	75.8M	74.5	87.3	87.3	76.9	52.9	47.8	40.5	61.2*
1970			44.8	52.8	71.7	77.4	85.8	86.5	72.6				

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.2	15.4	20.1	28.5	36.8	39.4	48.2	46.5	33.6	29.8	13.2	10.6	27.4
1952	4.9	2.9	15.1	28.8	36.0	43.2	47.4	47.0	37.6	25.5	13.1	7.5	25.8
1953	15.9	11.9	22.4	27.0	33.6	42.0	50.6	45.5	37.0	29.1	22.5	9.3	28.9
1954	16.7	18.6	20.6	31.1	37.2	41.2	52.0	45.5	42.6	30.9	22.1	8.7	30.6
1955	5.1	2.6	18.5	25.4	34.5	40.7	47.5	48.6	35.6	26.7	18.7	20.1	27.0
1956	18.0	3.9	19.8	29.5	37.9	43.3	45.9	42.2	34.0	25.3	10.4	4.0	26.2
1957	4.0	15.4	20.9	27.7	34.6	41.5	47.7	45.8	31.6	28.9	15.1	10.0	26.9
1958	5.3	18.3	19.1	25.8	36.2	42.0	45.6	47.1	39.0	26.6	19.9	18.5	28.6
1959	8.5	14.0	20.2	28.2	34.7	43.8	44.5	45.3	37.0	28.6	17.5	12.5	27.9
1960	10.8	6.9	20.6	27.6	33.9	41.6	46.7	43.1	39.2	26.9	17.8	4.8	26.7
1961	1.2	14.5	19.0	24.9	33.6	40.1	44.2	44.7	32.9	28.5	18.3	9.2	25.9
1962	1.6	17.1	12.7	31.1	34.9	41.8	46.5	43.3	38.8	25.6	21.7	8.8	27.1
1963	.1	18.5	19.7	27.5	36.9	41.6	49.7	50.9	40.8	33.0	20.7	8.5	29.0
1964	2.5	4.7	12.0	27.9	35.4	41.5	49.6	45.2	34.2	27.0	18.0	12.2	25.9
1965	11.4	9.0	13.8	29.5	35.1	40.3	48.6	44.7	35.5	27.8	25.6	13.4	27.9
1966	6.0	8.6	20.2	25.4	37.0	41.3	51.4	45.6	39.1	27.5	23.2	6.0	27.6
1967	10.1	14.1	25.3	26.5	34.1	41.4M	49.5	47.2	38.7	29.0	19.8	7.0	28.6*
1968	.2	12.2	20.0	24.5	34.0	42.5	47.4	44.5	34.7	29.1	19.6	7.5	26.4
1969	15.2	13.4	15.9	29.6	36.3M	39.8	47.1	45.2	37.3	26.7	15.0	13.1	27.9*
1970			20.8	24.3	34.9	41.8	48.7	48.9	36.6				

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	20.6	28.6	33.4	43.5	52.7	57.0	68.2	63.9	55.6	45.0	29.3	22.8	43.4
1952	19.0	19.0	27.5	43.9	52.5	62.2	66.2	63.8	58.3	48.8	28.6	22.1	42.7
1953	29.6	25.7	36.6	41.2	48.1	61.7	58.4	63.5	58.6	47.1	37.4	22.3	45.0
1954	25.6	33.3	33.2	47.7	55.2	61.2	69.7	64.8	55.1	48.1	38.1	23.8	47.0
1955	19.7	18.7	31.3	41.5	51.7	59.0	67.9	66.5	57.3	46.5	32.8	31.0	43.7
1956	31.1	20.4	35.0	44.3	55.3	63.8	65.5	62.0	58.0	46.8	27.2	20.4	44.2
1957	19.9	30.5	35.1	41.5	48.4	59.5	65.6	63.7	53.5	45.6	28.9	25.3	43.1
1958	21.3	31.9	31.6	40.5	55.4	62.4	65.1	67.3	57.8	47.6	36.1	32.2	45.8
1959	24.1	27.5	33.8	44.2	51.7	64.0	65.9	64.0	55.0	44.9	35.4	28.4	44.9
1960	23.4	21.0	35.3	45.1	51.4	62.0	67.6	64.5	59.3	45.3	34.9	21.7	44.3
1961	21.3	29.0	34.0	40.3	52.1	61.8	65.2	65.2	49.3	45.0	31.6	22.4	43.1
1962	15.2	29.6	28.1	47.3	52.3	60.3	65.8	64.0	58.2	48.6	38.5	25.9	44.5
1963	15.8	33.2	34.3	43.4	55.7	60.6	69.2	65.9	60.3	52.1	37.1	24.0	46.0
1964	18.5	20.5	26.6	41.5	52.6	58.9	69.4	63.3	55.2	48.3	31.6	23.9	42.5
1965	24.8	24.3	27.5	43.8	50.9	57.7	65.8	62.8	50.9	49.2	39.7	26.8	43.7
1966	21.8	23.2	36.2	43.4	55.2	60.4	69.6	64.8	58.4	45.2	38.2	19.8	44.7
1967	24.0	27.9	39.2	42.2	49.8	57.6M	67.1	65.5	57.4	47.8	36.6	19.8	44.6*
1968	17.2	26.7	34.9	38.3	50.0	61.6	66.0	61.0	54.0	47.1	32.9	22.9	42.7
1969	28.8	27.0	30.5	46.6	56.1M	57.2	67.2	66.3	57.1	39.8	31.4	26.8	44.6*
1970			32.8	38.6	53.3	59.6	67.3	67.7	54.6				

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

MESA VERDE NATL PAR 05 5531 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

YEAR	TEMPERATURE (F)													PRECIPITATION (INCHES)																	
	EXTREMES													MEAN: NO OF DAYS																	
														MAX			MIN						SNOW, SLEET				MEAN: NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE							
JAN	41.7	19.3	30.0	62.	1956	11	-20.	1963	13	0.0	4.5	30.2	.5	1.75	1.06	1952	7	17.5	29.	1957	30	5.0	.8	2.0							
FEB	44.3	21.8	33.1	65.	1963	8	-8.	1951	1	0.0	2.3	26.3	.3	1.37	1.30	1969	7	14.1	25.	1960	3	4.4	.8	.1							
MAR	49.0	25.6	37.7	73.	1953	28	3.	1966	4	0.0	1.0	25.0	0.0	1.41	1.29	1964	24	14.8	28.	1969	14	4.2	.7	.1							
APR	61.5	33.2	46.9	80.	1965	22	11.	1963	3	0.0	0.0	14.1	0.0	1.32	1.30	1952	28	5.7	6.	1957	23	3.4	.6	.1							
MAY	71.6	42.8	57.2	90.	1956	31	21.	1967	1	.1	0.0	3.3	0.0	.89	1.15	1965	13	.5	0.	0	0	2.4	.6	.1							
JUN	82.3	51.4	66.9	99.	1954	22	35.	1954	7	4.8	0.0	0.0	0.0	.66	1.35	1959	20	0.0	0.	0	0	1.8	.4	.1							
JUL	87.4	57.7	72.6	97.	1959	12	48.	1960	8	12.2	0.0	0.0	0.0	2.08	1.92	1957	26	0.0	0.	0	0	5.7	1.0	.3							
AUG	84.5	56.0	70.3	96.	1962	14	40.	1968	23	5.4	0.0	0.0	0.0	2.24	1.46	1963	27	0.0	0.	0	0	5.6	1.4	.4							
SEP	78.3	50.0	64.2	92.	1960	5	28.	1965	21	.5	0.0	.2	0.0	1.17	1.67	1970	6	.1	0.	0	0	3.3	.8	.2							
OCT	66.3	39.9	53.1	85.	1963	1	17.	1956	30	0.0	0.0	4.8	0.0	1.66	1.54	1961	9	1.2	6.	1965	17	3.2	1.1	.4							
NOV	51.8	28.4	39.6	72.	1963	10	1.	1952	27	0.0	.9	20.7	0.0	1.27	1.38	1966	8	6.4	8.	1964	16	3.2	.6	.3							
DEC	41.3	20.6	31.0	67.	1963	25	-4.	1961	13	0.0	4.9	29.3	.3	1.94	1.53	1966	6	19.1	29.	1967	20	4.8	1.2	.2							
ANNUAL	63.2	37.2	50.2							23.	14.	154.	1.	17.8				79.				47.	10.	2.							

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.39	.18	.13	.24	0.09	.03	.34	.43	0.00	0.00	.36	.24	10.94
.10	.55	.29	.23	.35	.08	.06	.52	.63	0.00	0.00	.48	.39	12.19
.20	.81	.49	.43	.55	.21	.13	.83	.96	.20	.31	.66	.67	13.83
.30	1.04	.68	.62	.73	.39	.20	1.17	1.26	.42	.66	.92	.94	15.11
.40	1.27	.88	.84	.91	.59	.30	1.41	1.57	.65	.98	1.16	1.11	16.33
.50	1.50	1.10	1.08	1.11	.66	.44	1.73	1.90	.82	1.31	1.46	1.38	17.55
.60	1.73	1.36	1.37	1.34	.85	.59	2.05	2.27	1.13	1.68	1.82	1.87	18.77
.70	2.01	1.68	1.72	1.61	1.10	.78	2.35	2.72	1.47	2.14	2.38	2.38	19.99
.80	2.25	2.01	2.22	1.98	1.44	1.05	3.14	3.32	1.93	2.74	3.00	3.00	21.48
.90	3.24	2.61	3.04	2.57	2.01	1.54	4.11	4.28	2.71	3.71	4.03	4.03	23.86
.95	3.89	3.49	3.84	3.14	2.57	2.02	5.04	5.19	3.47	4.64	5.02	5.02	25.95
ALPHA	2.45	1.61	1.32	2.00	1.25	.93	1.89	2.14	1.28	1.71	3.12	1.54	14.96
BETA	.71	.65	1.07	.66	.76	.71	1.10	1.04	1.02	1.14	.61	1.26	1.19
Q	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.10	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.76	.83	.59	1.06	.60	.05	.43	1.93	.91	3.00	2.03	4.76	16.45
1952	2.66	.91	1.29	2.42	.33	1.16	1.58	.95	.96	.00	1.14	.77	14.15
1953	1.55	.42	1.82	2.42	.22	.17	3.93	2.40	.00	3.23	.90	.80	17.84
1954	1.18	.26	2.12	.38	1.97	.75	3.38	2.90	2.82	.90	.52	1.63	18.81
1955	1.51	2.26	.05	1.55	1.91	.26	3.09	4.76	.26	.00	1.15	1.91	19.71
1956	3.40	.55	.46	.32	.43	.20	1.11	1.56	57.11	.86	.13	.65	9.78
1957	5.53	1.49	1.20	3.66	3.37	1.14	4.31	3.53	6.00	3.43	2.39	1.06	33.81
1958	1.25	1.98	2.63	1.02	.40	.26	1.04	1.39	1.38	1.19	.73	.04	13.94
1959	.42	1.85	.16	2.05	T	1.61	.39	2.93	1.06	2.56	1.01	3.02	17.06
1960	2.04	2.67	1.01	1.42	.62	.49	.76	.15	.60	2.62	.32	2.97	16.27
1961	.98	.93	3.81	.72	.29	.10	.55	2.75	1.72	2.62	2.33	1.22	17.72
1962	.71	2.33	1.33	.45	1.07	.16	.37	.21	2.07	2.55	1.69	1.31	14.35
1963	1.69	1.38	.83	.68	.11	.07	2.06	4.36	1.20	1.78	.71	.62	15.49
1964	.85	.70	3.06	2.56	.70	.03	1.58	2.13	2.37	.00	2.71	1.92	17.61
1965	2.13	1.53	1.68	2.18	3.07	1.41	2.24	2.05	1.63	2.43	2.54	3.30	26.25
1966	.97	1.52	.32	1.10	.81	1.36	1.49	.96	.90	.11	1.70	4.97	16.21
1967	.76	.08	.15	.41	.50	1.06	2.06	2.51	.20	.12	.66	3.83	12.34
1968	1.19	1.27	1.43	1.06	1.06	.09	2.38	2.75	.37	1.36	.70	2.00	15.05
1969	3.89	4.31	1.55	.21	.31	2.12	5.90	1.38	.62	4.32	1.14	.56	26.01
1970	.48	.20	2.86	.72	.10	.62	3.35	3.12	4.29	1.24	1.63	1.48	20.09

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							27.6	13.5	6.8	4.2	.2	.0	
51-52	.0	.0	.0		5.1	36.1	25.3	10.4	15.8	3.8	T	.0	
52-53	.0	.0	.0	.0	10.8	10.2	17.7	7.4	13.4	12.6	.4	.0	72.5
53-54	T	T	.0	T	5.0	20.3	11.1	1.5	10.5	T		T	
54-55	.0	T	.0	.0	.5	15.0	23.5	25.3	.9	1.5	T	.0	69.7
55-56	.0	T	.0	.0	14.0	12.1	27.0	6.9	6.5	3.5	T	.0	70.0
56-57	.0	.0	.0	2.5	2.7	7.0	56.2	1.0	9.0	21.8	2.3	.0	102.5
57-58	.0	.0	.0	T	14.7	5.9	17.6	16.9	25.6	5.0	.0	.0	95.7
58-59	.0	.0	.0	.0	4.9	T	3.4	22.4	T	.0	.0	.0	31.1
59-60	.0	.0	.0	T	1.6	24.5	20.9	38.6	7.1	6.5	.0	.0	99.2
60-61	.0	.0	.0	.0	5.3	34.3	9.8	7.0	32.2	T	T	.0	87.6
61-62	.0	.0	.0	.5	12.1	16.8	11.7	23.4	17.4	.0	.0	.0	81.9
62-63	.0	.0	.0	.0	5.9	6.3	19.2	9.0	8.0	3.0	.0	.0	51.4
63-64	.0	.0	.0	.0	3.0	8.0	9.5	8.0	45.5	10.5	.0	.0	91.5
64-65	.0	.0	.0	.0	14.3	20.3	17.5	20.5	17.9	9.9	4.7	.0	105.1
65-66	.0	.0	1.6	15.2	1.0	22.0	9.0	19.5	5.0	13.0	.0	.0	93.3
66-67	.0	.0	.0	.0	2.0	17.0	10.0	T	1.0	.5	.0	.0	30.5
67-68	.0	.0	.0	.4		52.2	13.7	11.0	12.6	7.3	.5	.0	
68-69	.0	.0	.0	.0	5.5	41.9	14.1	35.0	27.2	T	.0	.0	124.7
69-70	.0	.0	.0	2.5	4.0	11.5	5.0	1.5	31.7	7.5	1.0	T	64.7

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.3	45.5	51.3	59.7	71.7	82.5	92.0	85.0	81.8	65.0	48.9	33.2	63.7
1952	39.2	42.1	47.4	62.9	72.1	82.2	86.2	85.6	79.9	73.7	45.9	39.7	62.7
1953	46.1	44.5	52.3	57.7	66.0	65.1	87.5	83.6	82.7	65.3	53.7	43.1	63.8
1954	44.9	53.9	49.0	69.0	74.2	82.9	86.7	84.1	77.9	67.8	57.3	42.1	65.8
1955	36.8	37.4	51.1	59.7	68.5	79.1	84.5	83.6	80.8	70.4	50.5	44.1	62.2
1956	46.3	40.9	54.5	63.9	75.2	86.1	86.7	83.5	83.9	67.9	46.4	43.4	64.8
1957	37.9	44.6	49.5	55.9	62.8	80.0	83.1	90.5	77.9	66.2	43.5	43.6	60.4
1958	42.1	47.1	43.8	57.7	75.3	84.8	86.5	86.8	77.7	67.0	52.3	50.3	64.3
1959	45.1	42.1	52.3	62.7	71.9	85.2	93.3	83.1	77.3	64.4	51.8	44.3	64.2
1960	36.0	36.9	52.8	63.2	70.2	84.2	89.3	88.5	81.4	52.1	53.6	39.7	63.1
1961	43.8	46.3	50.3	60.2	72.9	86.4	83.2	84.4	71.9	64.4	47.7	37.7	52.9
1962	38.9	44.1	46.2	66.3	76.7	81.6	87.0	85.3	78.1	67.3	54.3	45.3	64.0
1963	33.9	47.8	52.3	61.2	76.7	84.1	84.4	83.1	80.6	71.3	53.6	43.4	64.8
1964	39.2	40.0	45.3	56.3	71.6	81.3	85.9	83.0	76.1	71.1	46.9	37.5	61.4
1965	42.4	42.8	45.5	57.7	66.2	75.5	84.6	83.2	71.9	66.7	53.0	41.3	60.9
1966	38.2	39.2	55.2	63.5	75.4	82.3	89.4	86.4	78.4	56.7	54.9	39.3	64.0
1967	39.9	47.4	58.0	61.4	71.3	78.3	88.1	83.7	77.5	63.3	54.9	34.1	63.7
1968	39.0	46.7	52.5	55.9	65.1	85.1	85.1	79.6	77.7	66.1	45.3	38.7	61.8
1969	42.1	41.7	46.2	64.3	76.2	79.1	87.0	87.4	79.2	57.2	49.4	43.7	62.8
1970	41.1	51.4	46.5	54.7	74.5	80.6	85.9	86.2M	73.2	59.0	56.1	39.3	62.0*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	19.0	22.7	25.3	33.6	43.3	50.7	59.8	56.5	49.4	37.0	23.6	16.9	36.5
1952	18.5	19.2	22.8	34.5	43.5	52.3	56.3	57.8	51.7	43.6	24.5	13.9	37.1
1953	25.0	22.0	25.6	32.5	38.5	53.2	59.1	56.1	52.7	43.4	31.7	18.1	37.9
1954	22.8	25.7	22.5	38.6	45.1	52.8	58.9	55.3	51.4	41.7	31.9	19.3	39.9
1955	18.0	13.6	24.9	30.3	41.0	50.3	56.1	56.5	53.2	41.9	26.4	24.2	36.4
1956	26.1	17.2	26.4	33.1	44.4	54.1	55.0	52.2	51.7	40.8	21.3	18.8	36.8
1957	21.4	25.0	26.9	31.3	38.2	50.3	55.0	53.9	49.7	39.1	23.5	23.1	36.6
1958	20.0	25.3	23.5	31.4	46.4	54.2	57.9	53.2	50.6	45.6	28.1	26.6	38.7
1959	20.7	21.1	26.3	35.8	43.5	53.7	58.2	56.2	48.9	39.0	27.1	23.2	37.8
1960	15.1	16.3	29.1	34.8	41.4	53.5	59.0	56.3	51.0	36.8	29.4	16.4	36.7
1961	18.1	23.5	27.4	32.0	43.8	53.8	57.5	57.0	45.5	38.2	26.4	16.5	36.7
1962	16.2	23.9	22.8	37.5	41.4	51.1	57.6	57.7	51.1	42.9	33.3	23.3	38.0
1963	11.4	25.1	26.3	32.0	47.2	50.6	59.5	56.2	53.0	45.5	30.2	20.4	38.1
1964	16.5	16.2	22.1	31.4	43.2	50.5	59.2	55.3	49.0	42.3	26.5	20.5	35.1
1965	21.5	22.4	23.7	33.4	35.0	47.9	55.8	55.0	45.7	47.3	33.2	23.8	36.6
1966	16.5	15.9	28.4	34.7	45.3	50.9	59.1	55.2	50.6	40.2	33.5	19.3	37.4
1967	18.3	23.6	32.2	32.8	40.8	49.0	57.5	55.0	49.9	43.9	32.7	16.3	37.5
1968	17.3	27.4	28.9	30.7	41.3	52.6	57.9	52.4	43.1	41.0	28.4	17.0	36.9
1969	23.2	21.3	21.6	34.5	45.7	48.2	55.3	58.0	52.0	34.3	27.3	24.9	37.5
1970	20.2	27.0	24.8	23.2	42.2	48.9	57.6	58.1	46.1	34.2	26.9	21.1	36.4

MONTE VISTA TX

MESA VERDE NATL PAR 05 5531 2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	30.7	34.1	38.3	46.7	57.5	66.6	75.9	73.8	65.6	51.0	36.3	27.6	50.1
1952	28.9	30.7	33.1	48.7	57.3	67.3	71.3	71.7	64.8	50.7	35.2	29.3	49.9
1953	35.6	33.3	39.0	45.1	52.3	64.2	73.3	63.9	67.7	53.4	42.7	29.1	50.9
1954	33.9	34.8	35.8	53.9	59.7	67.9	72.8	63.7	64.7	54.8	44.6	31.1	52.4
1955	27.4	25.5	38.0	45.0	54.8	64.7	70.3	70.1	67.3	56.2	36.5	34.2	49.3
1956	36.2	29.1	40.5	47.0	59.8	70.1	73.9	67.9	67.9	54.4	34.9	31.1	50.8
1957	29.7	38.5	38.2	43.6	50.5	65.2	69.1	67.2	63.3	49.7	33.5	33.5	48.5
1958	31.1	36.7	33.7	44.6	60.9	69.5	72.2	72.5	64.2	53.8	40.2	33.7	51.5
1959	32.9	31.6	39.2	49.3	57.7	69.5	74.1	69.7	53.1	51.7	39.5	33.6	51.0
1960	25.6	26.5	41.0	49.0	55.8	68.9	73.7	72.4	66.2	49.5	41.5	28.0	49.9
1961	31.0	34.9	38.9	46.6	58.4	70.1	72.9	70.7	58.7	51.3	37.1	27.1	49.8
1962	27.6	34.0	34.5	51.8	56.1	65.4	72.3	73.0	64.6	54.1	43.8	34.2	51.0
1963	22.7	35.5	39.3	46.6	62.0	67.4	74.5	69.7	65.8	56.4	41.9	31.9	51.5
1964	27.9	28.1	33.7	43.9	57.4	65.9	74.1	69.2	62.6	56.7	36.7	29.3	48.8
1965	31.0	31.6	34.6	45.6	52.6	61.7	70.2	69.1	59.6	54.4	43.1	32.6	48.8
1966	27.4	27.1	41.8	48.9	60.4	66.5	74.3	70.8	64.5	53.5	44.2	29.4	50.7
1967	29.1	35.5	45.1	47.1	56.1	63.7	72.8	69.9	63.7	55.1	43.8	25.2	50.6
1968	28.2	37.1	40.7	43.3	55.2	68.9	72.0	66.0	62.9	53.6	36.9	27.3	49.4
1969	32.7	31.5	33.9	49.8	61.0	63.7	72.7	72.7	65.6	45.6	36.4	34.3	50.2
1970	30.7	39.2	35.7	41.5	56.4	64.8	72.3	72.2M	59.7	46.6	39.5	30.5	49.3*

SEASON

50-51	
51-52	+
52-53	+
53-54	+
54-55	+

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

MONTE VISTA 2N

05 5706 5

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEAN'S			EXTREMES						MEAN NO OF DAYS				SIGN, SECT				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	10 OR MORE	50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	35.1	.8	17.9	58.	1956	9	-36.	1963	13	0.0	11.8	31.0	15.6	.22	.53	1956	17	2.6	11.	1968	18	.6	.1	0.0
FEB	39.6	6.9	23.3	64.	1951	11	-31.	1951	1	0.0	7.0	28.2	8.3	.20	.43	1963	11	3.4	7.	1968	2	.7	0.0	0.0
MAR	47.6	15.3	31.5	70.	1966	31	-16.	1965	5	0.0	1.8	30.6	1.6	.37	1.16	1958	23	5.0	6.	1965	2	1.0	.1	.1
APR	58.5	23.7	41.1	77.	1965	21	0.	1951	11	0.0	0.0	27.2	0.0	.53	1.23	1955	6	1.6	15.	1955	6	1.4	.2	.1
MAY	68.1	32.7	51.4	85.	1967	24	12.	1953	2	0.0	0.0	14.7	0.0	.51	.90	1957	9	.4	4.	1953	13	1.4	.1	0.0
JUN.	76.5	32.3	57.9	91.	1970	27	23.	1954	7	.1	0.0	2.8	0.0	.48	.68	1959	14	0.0	0.	0	0	1.5	.1	0.0
JUL	81.2	46.1	63.2	91.	1966	6	31.	1955	8	0.0	0.0	.1	0.0	1.23	.96	1968	27	0.0	0.	0	0	3.4	.5	0.0
AUG	78.1	44.5	61.3	89.	1969	8	27.	1964	28	0.0	0.0	.8	0.0	1.35	1.16	1968	10	0.0	0.	0	0	4.2	.4	.1
SEP	73.3	35.4	54.4	84.	1954	1	18.	1961	25	0.0	0.0	9.5	0.0	.79	1.16	1969	9	0.0	0.	0	0	2.6	.3	.1
OCT	63.3	25.8	44.6	78.	1963	5	8.	1970	28	0.0	0.0	26.3	0.0	.80	1.04	1959	1	2.2	7.	1969	12	1.9	.6	.1
NOV	47.3	14.1	31.7	65.	1958	10	-22.	1957	22	0.0	2.3	29.8	2.3	.29	.52	1953	19	2.8	9.	1953	19	.8	0.0	0.0
DEC	36.6	3.4	21.1	61.	1958	9	-25.	1964	7	0.0	10.3	30.9	11.6	.37	.69	1951	30	5.1	13.	1967	20	1.1	.1	0.0
ANNUAL	58.7	24.1	41.3							0.	33.	232.	40.	7.1				23.				21.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.01	0.00	0.00	.06	0.00	.04	.28	.23	0.00	0.00	0.00	0.00	3.81
.10	.02	.00	.04	.10	.05	.07	.39	.35	0.00	0.00	.02	0.00	4.39
.20	.05	.05	.10	.17	.14	.13	.57	.55	.18	.12	.06	.02	5.16
.30	.08	.08	.15	.25	.22	.20	.74	.73	.32	.24	.10	.06	5.77
.40	.11	.11	.21	.33	.30	.27	.90	.89	.46	.38	.15	.06	6.34
.50	.15	.15	.25	.41	.39	.35	1.07	1.13	.61	.54	.20	.09	6.89
.60	.20	.19	.36	.52	.50	.45	1.26	1.36	.74	.74	.27	.19	7.48
.70	.27	.25	.46	.64	.63	.58	1.49	1.64	1.00	.99	.35	.29	8.15
.80	.36	.33	.59	.82	.81	.75	1.79	2.02	1.29	1.34	.47	.33	8.98
.90	.52	.46	.87	1.10	1.11	1.05	2.27	2.63	1.76	1.94	.67	.49	10.21
.95	.68	.59	1.03	1.38	1.40	1.34	2.72	3.21	2.23	2.53	.87	1.36	11.31
ALPHA	.97	1.21	1.36	1.47	1.44	1.20	2.49	1.96	1.48	1.06	1.07	.69	9.57
BETA	.23	.18	.29	.36	.37	.40	.49	.69	.59	.84	.78	.60	7.75
Q	0.00	.05	.65	0.00	.05	0.00	0.00	0.00	.10	.10	.05	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

MONTE VISTA

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.08	.20	.38	.25	.22	.04	.70	2.18	.06	.58	.32	.87	5.90
1952	.86	.01	.25	1.48	.75	.26	.92	2.58	.88	.00	.86	.07	8.72
1953	.01	.18	.37	.78	1.15	.47	1.55	.18	.11	.68	.82	.45	6.75
1954	.27	T	T	.38	.32	.07	1.28	.85	1.26	.00	T	.25	4.88
1955	.03	.04	.02	1.52	.53	.07	.49	.87	.31	.07	.10	.01	4.26
1956	.55	.15	.31	.29	.69	.54	.34	.93	T	.26	.24	.01	4.31
1957	.39	.43	.52	1.34	2.25	.58	3.03	2.74	.92	.53	.98	.00	13.05
1958	.34	.12	1.22	.80	.35	.43	.55	1.53	.82	.73	.27	.28	7.54
1959	.20	.22	.54	.53	.84	.87	.14	1.83	.86	3.08	.14	.15	9.44
1960	.64	.37	.04	.13	.16	.43	.89	.17	1.19	2.15	.03	.43	6.63
1961	.05	.10	.67	.29	.05	.05	1.38	1.26	.92	1.77	.17	.25	6.97
1962	.04	.07	.63	.07	T	.39	1.52	.13	1.10	.65	.41	.31	5.02
1963	.21	.50	.05	.17	.06	.43	.87	1.29	.27	.49	.33	.03	4.67
1964	.05	.47	.23	.26	.17	.24	.33	.80	.95	.04	.54	.750	4.84*
1965	.39	.22	.40	1.01	.51	.92	1.43	1.02	1.24	.84	.06	1.24	5.28
1966	.11	.47	.04	.21	.20	.49	1.73	1.70	.13	.51	.11	.21	5.91
1967	.08	.24	.32	.15	.75	.79	2.24	1.89	.97	.26	.04	1.72	9.45
1968	.05	.23	.33	.55	.24	.08	2.62	2.70	.32	.35	.28	.16	7.61
1969	.04	.030	.41	.15	.55	2.16	1.03	1.55	2.80	2.09	.05	.63	11.37*
1970	.09	.01	.67	.170	.41	.35	1.41	.73	1.60	1.12	.32	.02	6.60*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							1.7	2.8	4.5	1.5	.0	.0	
51-52	.0	.0	.0	.0	5.0		T	T	1.3	.0	.0	.0	
52-53	.0	.0	.0	.0	12.0	1.2	.1	6.0	1.0		4.0	.0	
53-54	.0	.0	.0	.0		8.0	4.0	T	T		T	.0	
54-55	.0	.0	.0	.0	T	.0	1.0	1.0			.0	.0	
55-56	.0	.0	.0							T	.0	.0	
56-57	.0	.0	.0	.0		1.0					T	.0	
57-58	.0	.0	.0	.0		.0			6.5		.0	.0	
58-59	.0	.0	.0	T	5.0		5.0				.0	.0	
59-60	.0	.0	T			1.0	10.0			.0	.0	.0	
60-61	.0	.0	.0		.0					T	.0	.0	
61-62	.0	.0			3.0	4.0		T		.0	.0	.0	
62-63	.0	.0	.0	.0	5.0	T	3.0	4.7		.0	.0	.0	
63-64	.0	.0	.0	.0		.0					.0	.0	
64-65	.0	.0	.0	.0	6.0			6.7		6.8	1.0	.0	
65-66	.0	.0	.0	.0	.0	16.7	1.5	10.0	.4	3.0	.0	.0	31.6
66-67	.0	.0	.0	3.5	.2	2.4	1.2	7.1		2.0	1.5	.0	
67-68	.0	.0	.0	2.0	.9	27.1	1.2	4.7	9.8	5.1	.0	.0	50.8
68-69	.0	.0	.0	.0	1.0	4.4	1.4	.8	6.1	T	T	.0	13.7
69-70	.0	.0	.0	14.6	T	9.2	1.4	.1	12.0	2.5	1.6	.0	41.4

T Trace, or less
 . Multiple occurrences

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.5	42.9	48.9	56.8	68.3	74.3	83.2	77.0	75.6	61.9M	43.3	33.6	58.9*
1952	32.9	34.3	41.4	59.8M	66.5M	78.8	78.8M	76.3M	73.1	67.8	40.8	29.3	56.7*
1953	41.8	41.0	52.1	56.8	62.6	79.5	79.8	77.9	77.0	63.9	47.3	31.2	59.2
1954	35.5	49.1	49.1	66.2	69.1	78.7	80.4	78.0	74.3	66.1	54.7	39.3	61.7
1955	35.4	36.7	51.2	56.3	65.4	73.7	79.7	79.0	75.5	66.0	48.2M	43.8	59.2*
1956	41.9	34.7	50.6	57.0	69.4	78.6	80.5	76.6	77.4	64.1	43.9	41.1	59.7
1957	38.6	48.0	48.3	53.5	60.0	73.8	76.6	75.8	71.7	59.6	39.9	39.5	57.1
1958	36.5	44.2	44.2	54.3	69.5	77.1	78.5	79.5	73.3	64.1	48.3	46.3	59.7
1959	34.7	38.5	46.7	57.6	66.9	76.7	79.8	76.9	72.8	60.0	47.3	41.6	58.3
1960	29.4	30.6	49.6	61.6	67.1	77.1	78.8	79.5	74.1	60.6	50.5	31.7	57.6
1961	32.7	43.0	49.5	57.6	69.7	77.2	78.3	75.9	69.2	63.9M	39.3	29.5	57.2*
1962	33.6	44.9	46.0	62.8	68.6	74.1	76.9	79.7	72.9	65.7	51.1	43.7	60.0
1963	32.8	41.5	47.5	61.0	71.9	76.1	81.3	76.7	75.3	67.7	50.4	39.1	60.1
1964	34.8	31.2	41.5	55.3	68.1	73.8	81.2	76.3	71.9	66.6M	44.5	27.9	56.1*
1965	33.1	35.6	41.4	58.4	67.2	76.8	80.7	78.6M	69.8	65.8	51.5	37.3	58.0*
1966	27.5	30.2	50.2	60.9	73.3	78.5	83.9	80.0	75.8	63.3	52.2M	37.7	59.5*
1967	37.6	42.9	55.3	60.9M	65.0	74.7	80.7M	77.3	71.6	65.9	51.4	28.2	59.5*
1968	25.5	35.4	48.4	54.7	67.3	80.4	79.6	76.0	72.0	64.6	44.9	35.1	57.0
1969	40.5	42.0	45.5	63.0	72.4	73.5	82.9	82.1	71.7	52.9	47.5	34.7	59.1
1970	33.9M	46.3	45.6	54.7	71.3	76.2	81.9	81.1	70.7	55.3	49.6	40.5	58.9*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	4.7	5.9	14.4	23.0	32.5	34.9	45.0	43.4	31.7	23.5	9.6	1.5	22.5
1952	- 1.5	1.5	12.3	25.1	33.0M	39.4	44.3M	44.8M	34.3	21.9	8.8	- 4.8	21.6*
1953	7.6	6.4	16.5	22.1	30.2	39.4	45.4	39.4	30.1	23.2	11.7	- 3.8	22.4
1954	.2	14.5	15.2	24.6	33.1	37.9	48.1	41.9	36.2	27.6	14.5	1.6	24.6
1955	- .8	.0	12.2	22.5	30.8	37.2	41.8	45.8	32.5	22.2	12.9	6.8	22.0
1956	5.5	2.8	16.6	22.4	33.7	40.3	42.9	39.7	32.3	23.5	7.8	2.5	22.5
1957	4.5	14.9	18.3	21.7	30.7	38.4	46.5	46.0	30.3	26.5	8.3	3.0	24.1
1958	- 3.5	10.6	13.7	21.1	32.0	37.7	40.0	44.0	36.6	24.5	13.9	7.6	23.2
1959	- 3.2	7.2	12.6	22.0	31.5	41.4	43.2	45.9	32.0	25.3	14.8	8.8	23.5
1960	- 6.2	- 1.6	17.2	24.0	29.5	36.5	42.6	38.8	36.4	25.3	13.9	- 2.1	21.4
1961	- 6.4	8.4	18.9	22.6	30.5	38.7	43.6	46.3	32.8	23.1M	12.9	- 2.0M	22.5*
1962	- .1	14.6	9.6	25.2	28.2	36.0	42.8	38.6	36.0	26.7	16.5	9.7	23.7
1963	- 4.2	7.9	15.6M	21.2	30.5	36.0	46.4	46.0	39.5	30.1	14.4	2.1	23.7*
1964	1.0	- 4.1	9.2	21.7	32.7	37.7	47.0	42.6	37.0	23.4M	11.2	- 5.2	21.2*
1965	2.8	2.1	11.1	25.0	34.9	41.6	50.0	45.4M	38.5	28.8	21.2	9.9	25.9*
1966	- .7	- .5	18.3	26.6	36.7	42.7	51.7	47.2	39.6	28.5	19.5M	8.0	26.5*
1967	5.3	11.2	22.8	27.8M	34.8	42.0	51.1M	46.8	40.5	28.6	17.0	2.5	27.5*
1968	- 3.7	9.1	19.0	23.9	35.0	43.3	49.0	46.9	36.2	29.5	15.9	5.0	25.8
1969	11.1	10.0	15.3	28.8	37.6	41.0	51.2	50.5	40.3	27.6	16.8	8.3	26.2
1970	3.8M	15.7	17.3	22.3	35.5	41.7	49.5	49.3	37.2	26.3	19.1	6.6	27.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	22.6	24.4	31.7	39.9	50.4	54.6	64.1	60.2	53.7	42.7M	26.5	17.6	40.7*
1952	15.7	17.9	26.9	42.5M	48.8M	59.1	61.5M	60.6M	53.7	44.9	24.8	12.3	39.2*
1953	24.7	23.7	34.3	39.5	46.4	59.5	62.6	53.7	51.6	43.5	29.5	13.7	40.6
1954	17.9	31.8	32.2	45.4	51.1	58.3	64.3	60.0	55.3	45.0	34.6	20.5	43.2
1955	17.3	18.4	31.7	39.4	48.1	55.5	60.8	62.4	54.3	44.1	30.6M	25.3	40.0*
1956	23.7	13.8	33.6	39.7	51.6	59.5	61.7	58.2	54.9	43.8	25.9	21.5	41.1
1957	21.6	31.5	33.3	37.6	45.4	56.1	61.6	60.9	51.0	43.1	24.1	21.3	40.6
1958	16.5	27.4	29.0	37.7	50.8	57.4	59.3	61.8	55.0	44.3	31.1	27.3	41.4
1959	15.8	22.9	29.7	39.8	49.2	59.1	61.5	61.4	52.4	42.7	31.1	25.2	40.9
1960	11.6	14.5	33.4	42.8	48.3	57.3	60.7	59.2	55.3	43.0	32.2	14.3	39.5
1961	13.2	25.7	34.2	40.1	50.1	58.0	61.0	61.1	51.0	43.5M	26.1	13.8M	39.8*
1962	16.8	29.8	27.8	44.0	48.4	55.1	59.9	59.2	54.5	46.2	33.8	26.7	41.9
1963	14.3	24.7	31.6M	41.1	51.2	56.1	63.9	61.4	56.9	46.3	32.4	20.0	41.9*
1964	17.9	13.6	25.4	33.5	50.4	55.8	64.1	59.5	54.5	45.0M	27.9	11.4	38.7*
1965	18.0	18.9	26.3	41.7	51.1	59.2	65.4	62.6M	54.2	47.3	36.4	23.5	42.0*
1966	13.4	14.9	34.3	43.8	55.0	60.5	67.3	63.6	57.7	45.9	35.9M	22.9	43.0*
1967	21.5	27.1	39.1	44.4M	51.4	58.4	65.9M	62.1	56.1	47.3	34.2	15.4	43.6*
1968	10.9	22.3	33.7	39.3	51.2	61.9	64.3	61.5	54.1	47.1	30.4	20.1	41.4
1969	25.8	26.0	30.4	45.9	55.0	57.3	67.1	66.3	56.0	40.3	32.2	21.5	43.7
1970	18.9M	31.0	31.5	38.5	53.4	59.0	65.7	65.2	54.0	46.8	34.4	24.6	43.1*

SEASON

1951-52

1952-53

1953-54

1954-55

1955-56

1956-57

1957-58

1958-59

1959-60

1960-61

1961-62

1962-63

1963-64

1964-65

1965-66

1966-67

1967-68

1968-69

1969-70

1970-71

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.14	.29	.09	.39	.47	.15	.17	.50	.23	.71	.55	.78	5.47
1952	.53	.75	.93	1.49	.83	.21	1.11	1.46	.69	.09	.38	.51	3.43
1953	.28	.47	.79	1.54	1.33	.67	.78	1.52	.32	1.43	1.32	.73	10.84
1954	.17	.39	.27	.26	.42	.37	.65	1.31	2.55	.53	1.11	.38	8.12
1955	.44	1.02	.05	.60	1.20	.21	1.19	1.88	.11	.11	.66	.27	7.74
1956	.79	.64	.60	.66	.17	.16	.18	1.48	.028	.50	.52	1.01	6.78
1957	1.70	.20	.56	1.43	1.96	.77	2.27	2.72	.12	2.35	1.17	.33	15.25
1958	.73	.89	.68	.38	.16	.65	.30	.35	1.10	.78	.52	.16	6.13
1959	.17	.58	.43	.81	.15	.27	.27	1.73	1.60	1.95	.38	.78	8.87
1960	2.01	1.07	1.17	.80	.42	.42	.34	.66	.29	.70	.22	1.44	9.54
1961	.18	.94	1.71	.97	.80	.57	.21	1.26	2.59	1.32	.39	.75	11.19
1962	.05	.55	.15	1.62	.49	.35	.27	.63	1.39	.35	.81	1.05	8.21
1963	.48	.22	.89	T	.12	.19	1.15	1.83	.37	2.34	.49	.24	8.32
1964	.34	.61	.34	1.21	.68	.40	.72	3.16	1.22	T	1.32	.69	10.82
1965	1.07	.54	.53	.93	.87	.65	2.25	.94	3.33	1.53	.71	.49	13.54
1966	.12	.28	.02	.91	.56	.38	.49	.73	.48	1.07	.64	.60	6.28
1967	.19	.59	.10	.49	1.23	1.77	.83	1.57	1.32	.16	.43	1.09	9.63
1968	.09	.96	.15	.86	.54	.01	1.47	1.21	.32	.54	.43	.46	7.04
1969	.45	.60	.49	.32	.19	2.12	1.15	.94	.86	2.54	.43	.74	10.80
1970	.22	T	1.17	1.14	.14	.58	.51	.60	2.58	1.70	.52	.78	9.94

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.3	.0		.0	2.0	.0	
51-52	.0	.0	.0	.0			3.0			.0	.0	.0	
52-53	.0	.0	.0	.0	8.0	2.5			.0		.0	.0	
53-54	.0	.0	.0	.0						.0	.0	.0	
54-55	.0	.0	.0	.0		4.5	1.0		T	.0	.0	.0	
55-56	.0	.0	.0	.0	.0	.0					.0	.3	
56-57	.0	.0	.0	T							.0	.0	
57-58	.0	.0	.0	.0	3.0	1.0			.0	.0	.0	.0	
58-59	.0	.0	.0	.0						.0	.0	.0	
59-60	.0	.0	.0	.0	.0		25.5			.0	.0	.0	
60-61	.0	.0	.0	.0	.0						.0	.0	
61-62	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	
62-63	.0	.0	.0	.0	.0					.0	.0	.0	
63-64	.0	.0	.0	.0	.0						.0	.0	
64-65	.0	.0	.0	.0	.0					.0	.0	.0	
65-66	.0	.0	.0	.0	.0				.0	.0	.0	.0	
66-67	.0	.0	.0	.0	.0				.0	.0	.0	.0	
67-68	.0	.0	.0	.0	.0					.0	.0	.0	
68-69	.0	.0	.0	.0	.0					.0	.0	.0	
69-70	.0	.0	.0	.0	.0			.0		.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

MONTROSE NO. 2

05 5722 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	39.2	13.9	26.6	63.	1956	9	-23.	1963	13	0.0	6.5	30.0	3.3	.56	1.36	1960	14	6.2	18.	1960	17	1.5	.2	.1
FEB	44.3	18.7	31.5	72.	1962	12	-21.	1951	1	0.0	2.5	27.2	.5	.56	.53	1967	20	5.6	9.	1952	14	2.0	.1	0.0
MAR	51.4	24.5	37.9	74.	1967	24	2.	1965	3	0.0	1.1	25.9	0.0	.56	.53	1953	30	2.4	2.	1969	10	2.1	0.0	0.0
APR	61.7	33.2	47.5	83.	1962	16	15.	1955	4	0.0	0.0	14.8	0.0	.84	.79	1961	8	1.6	6.	1967	13	2.2	.2	0.0
MAY	72.6	42.5	57.6	93.	1951	27	23.	1968	7	.4	0.0	2.5	0.0	.67	.67	1967	29	.1	1.	1964	8	2.2	.1	0.0
JUN	83.0	49.8	66.4	99.	1954	23	33.	1968	30	7.0	0.0	0.0	0.0	.54	1.06	1967	21	0.0	0.	0	0	1.9	.2	.1
JUL	89.1	56.1	72.6	100.	1961	28	35.	1968	1	16.5	0.0	0.0	0.0	.85	.77	1965	21	0.0	0.	0	0	3.1	.3	0.0
AUG	85.8	53.7	69.8	98.	1958	13	37.	1968	23	8.8	0.0	0.0	0.0	1.33	1.15	1964	13	0.0	0.	0	0	3.5	.6	.1
SEP	78.6	45.0	61.8	94.	1959	8	27.	1970	26	1.9	0.0	.8	0.0	1.14	1.50	1970	6	0.0	0.	0	0	3.4	.8	.1
OCT	66.7	34.6	50.7	85.	1963	1	14.	1970	27	0.0	0.0	12.3	0.0	1.04	1.70	1963	20	.4	3.	1970	8	2.8	.5	.1
NOV	51.8	23.6	37.2	73.	1958	9	-8.	1952	27	0.0	1.2	26.4	.3	.69	.59	1953	19	2.2	8.	1954	30	2.6	0.0	0.0
DEC	41.2	14.8	27.5	65.	1955	25	-13.	1961	12	0.0	5.9	29.9	2.0	.68	.88	1960	4	6.9	11.	1960	5	2.2	.2	0.0
ANNUAL	63.6	34.2	48.9							35.	17.	170.	6.	9.5				25.				30.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.05	0.00	.05	0.00	.10	.63	.10	.30	.06	0.00	.21	.23	5.93
.10	.09	.19	.14	.31	.16	.04	.17	.43	.12	0.00	.28	.30	6.58
.20	.17	.29	.17	.46	.25	.12	.29	.62	.25	.34	.37	.39	7.43
.30	.25	.37	.24	.57	.35	.19	.40	.80	.41	.52	.46	.47	8.09
.40	.33	.44	.33	.68	.45	.27	.53	.97	.58	.70	.54	.55	8.69
.50	.43	.52	.42	.79	.55	.37	.67	1.16	.79	.88	.62	.63	9.27
.60	.54	.60	.54	.90	.67	.49	.84	1.37	1.04	1.08	.71	.71	9.88
.70	.68	.69	.68	1.03	.82	.65	1.04	1.62	1.37	1.32	.82	.81	10.55
.80	.78	.81	.87	1.20	1.02	.87	1.32	1.95	1.83	1.65	.96	.94	11.38
.90	1.20	.99	1.19	1.46	1.34	1.25	1.77	2.47	2.63	2.16	1.18	1.14	12.61
.95	1.52	1.16	1.51	1.70	1.65	1.62	2.22	2.96	3.42	2.64	1.38	1.33	13.68
ALPHA	1.33	3.60	1.33	3.98	1.80	.99	1.50	2.48	1.00	2.06	3.50	3.98	15.92
BETA	.42	.16	.42	.22	.37	.55	.57	.54	1.14	.56	.20	.17	.59
Q	0.00	.05	0.00	.05	0.00	0.00	0.00	0.00	0.00	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

MONTPOSE NO. 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.15	.25	.09	.46	.46	.21	.25	.55	.25	.75	.55	.85	5.82
1952	.61	.73	.75	1.64	.85	.25	1.13	1.57	.72	.00	.36	.45	9.66
1953	.29	.46	.80	1.59	1.35	.65	.74	1.47	.03	1.42	1.31	.71	10.83
1954	.20	.10	.22	.24	.56	.29	.95	1.35	2.57	.49	1.24	.39	8.61
1955	.30	1.02	.12	.58	1.21	.21	1.12	1.80	.12	.10	.78	.33	7.66
1956	.73	.64	.59	.60	.19	.35	.21	1.63	.08	.49	.49	1.03	6.73
1957	1.76	.23	.55	1.33	2.11	.83	2.24	2.66	.20	2.00	1.37	.37	15.40
1958	.75	.93	.59	.36	.20	.65	.02	.56	1.13	.76	.57	.17	6.19
1959	.16	.58	.46	.81	.16	.29	.25	1.73	1.56	1.97	.11	.66	8.74
1960	1.94	.93	1.29	.80	.41	.36	.34	.67	.31	.73	.23	1.42	9.43
1961	.15	.89	1.66	.94	.78	.37	.22	1.26	2.84	1.43	.35	.73	11.29
1962	.05	.55	.15	1.52	.56	.10	.60	.66	1.45	.89	.93	1.12	8.55
1963	.49	.24	.91	T	.12	.18	1.20	1.79	.52	2.39	.53	.23	8.60
1964	.35	.63	.41	1.20	.70	.44	.85	3.22	1.40	T	1.26	.73	11.19
1965	1.06	.50	.63	.96	.95	.68	2.27	.93	3.22	1.43	.83	.51	13.97
1966	.16	.33	.02	.91	.49	.52	.52	.80	.60	1.18	.66	.58	6.77
1967	.22	.60	.13	.52	1.38	2.28	.99	1.39	1.72	.22	.48	1.13	10.83
1968	.09	.99	.16	.94	.60	.01	1.40	1.55	.35	.51	.59	.55	7.74
1969	.46	.59	.51	.34	.23	2.25	1.13	.98	.96	2.53	.35	.77	11.16
1970	.28	T	1.11	1.05	.14	.65	.55	.62	2.77	1.56	.47	.90	10.10

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							17.0		1.0	.0	.2	.0	
51-52	.0	.0	.0	.0			6.5	11.0		.0	.0	.0	
52-53	.0	.0	.0	.0		5.0	3.7			T	.0	.0	
53-54	.0	.0	.0	.0		7.0				.0	.0	.0	
54-55	.0	.0	.0	.0	8.0	3.0	.0				.0	.0	
55-56	.0	.0	.0	.0				T	T	.0	.0	.0	
56-57	.0	.0	.0	.0						3.0	.0	.0	
57-58	.0	.0	.0	.0	2.8	2.9	10.1	2.9	.0	.0	.0	.0	18.7
58-59	.0	.0	.0	.0	1.3	2.0	1.5	4.8	.5	.0	.0	.0	10.1
59-60	.0	.0	.0	.0	.0	6.1	22.0	8.8	7.3	.0	.0	.0	44.2
60-61	.0	.0	.0	.0	T	14.8	1.5		7.5	5.5	.0	.0	
61-62	.0	.0	.0	.0	T	8.8	.5	T	T	.0	.0	.0	9.3
62-63	.0	.0	.0	.0	2.0	5.5	6.5	2.1	7.5	.0	.0	.0	23.6
63-64	.0	.0	.0	.0	.0	4.0	6.0	12.8	5.3	6.0	1.0	.0	35.1
64-65	.0	.0	.0	.0	12.7	4.0	13.8	10.0	2.0	.0	T	.0	42.5
65-66	.0	.0	.0	.0	2.1	4.5	4.5	6.3	.5	6.0	.0	.0	23.9
66-67	.0	.0	.0	.0	1.0	5.0	5.0	5.0	.0	6.0	.0	.0	
67-68	.0	.0	.0	.0	T	20.0	2.0		.0	T	.0	.0	
68-69	.0	.0	.0	.0	2.5	8.5	.8	9.3	3.5	.0	.0	.0	24.5
69-70	.0	.0	.0	2.0	1.0	9.5	4.5	T	1.0	2.5	.0	.0	20.5

* One or more of the months may have zero precipitation.

T Trace, an amount less than .01 inch.

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.4	43.6	52.8	62.3	73.3	81.3	92.3	86.9	82.3	65.9	47.3	37.3	64.0
1952	39.8	41.4	46.7	63.1	72.7	85.7	89.6	85.4	81.3	72.8	46.0	37.1	63.4
1953	43.0	43.2	55.0	58.5	65.8	86.1	90.9	84.3	82.7	67.4	52.8	37.5	63.9
1954	43.7	54.3	50.8	69.4	77.1	84.9	90.5	86.4	77.5	66.5	55.1	38.1	66.3
1955	36.9	35.6	50.5	59.1	70.7	81.4	90.6	87.1	83.4	70.5	48.9	44.5	63.3
1956	47.4	39.8	53.3	63.6	76.0	89.84	90.3	86.5	85.0	69.7	44.0	37.3	65.3*
1957	34.6	46.5	54.5	59.9	66.5	83.2	87.8	85.3	79.9	54.5	45.3	45.1	63.1
1958	41.4	48.9	49.9	61.2	78.8	87.9	90.2	90.5	80.0	68.4	53.4	48.7	66.6
1959	43.3	46.0	52.5	63.9	74.2	88.2	91.5	85.3	78.2	64.3	52.7	41.8	65.2
1960	34.7	36.0	53.0	64.0	72.2	86.3	92.2	89.7	81.8	65.4	54.4	39.2	64.0
1961	38.9	46.3	52.1	61.0	73.5	86.2	88.2	85.5	70.1	64.4	48.6	35.3	62.6
1962	35.0	49.0	49.7	66.6	70.8	81.5	86.4	87.1	78.3	68.3	56.1	43.3	64.4
1963	29.5	49.3	52.3	61.9	76.4	80.9	89.8	83.9	80.9	72.9	54.3	41.5	64.5
1964	38.3	38.7	45.5	58.6	71.9	79.6	90.1	92.6	76.0	71.6	48.1	40.7	61.8
1965	40.9	43.9	47.1	60.4	68.0	78.1	85.4	84.5	72.0	68.4	55.7	43.8	62.4
1966	38.4	40.3	55.9	62.7	74.3	81.6	89.4	85.4	79.0	64.7	54.9	40.5	64.0
1967	38.3	46.9	58.1	62.7	68.6	77.3	87.4	85.7	76.3	68.5	54.1	33.6	63.1
1968	35.1	45.1	55.2	56.0	65.4	83.5	85.4	79.4	75.6	65.7	44.5	35.3	60.9
1969	40.8	42.4	46.1	64.3	76.9	75.8	87.3	87.8	77.7	54.8	46.3	41.2	61.8
1970	37.2	50.5	47.5	54.7	74.0	80.4	86.9	85.5	73.5	58.3	50.6	41.1	61.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.3	19.0	24.6	34.6	43.1	46.0	55.8	52.4	44.0	36.0	22.4	12.5	33.8
1952	18.8	14.3	23.1	34.9	44.9	53.2	57.4	55.4	46.4	33.9	18.4	13.3	34.8
1953	19.3	17.8	28.7	32.2	38.6	51.9	59.1	53.4	46.1	36.0	27.3	13.3	35.3
1954	20.3	23.8	26.0	38.7	45.9	50.1	58.2	54.0	48.8	37.6	26.6	14.7	37.1
1955	14.0	11.2	25.3	32.5	41.7	49.5	57.3	56.7	47.3	34.6	22.7	23.6	34.7
1956	24.6	17.9	25.7	34.2	45.2	53.6	55.6	51.3	45.9	35.1	17.3	11.1	34.8
1957	18.6	24.0	29.0	34.7	39.8	51.0	56.5	55.1	42.7	30.2	24.3	18.8	36.1
1958	15.0	26.1	26.9	32.5	45.7	53.7	56.0	56.4	46.5	39.4	23.0	18.5	36.3
1959	14.5	19.8	22.7	34.1	44.5	53.1	56.4	54.8	44.9	32.6	20.3	15.6	34.4
1960	9.4	11.9	23.6	33.0	40.8	49.9	55.9	54.2	48.5	35.2	24.4	12.3	33.3
1961	11.2	19.7	26.9	32.5	43.5	52.3	55.5	57.1	42.5	33.9	22.7	9.7	34.0
1962	9.4	24.4	19.5	36.5	43.0	49.2	54.0	52.6	46.5	36.4	27.7	10.6	34.7
1963	1.2	22.5	23.7	33.0	44.8	48.4	56.6	55.2	48.8	39.6	26.4	13.1	34.4
1964	8.3	9.4	19.7	32.8	42.1	48.2	57.5	52.2	44.3	34.0	22.6	18.5	32.4
1965	18.5	16.9	21.5	34.6	40.0	47.2	54.9	51.9	41.6	34.9	29.7	29.4	34.4
1966	10.4	14.3	23.6	32.2	43.4	50.5	58.7	53.5	46.2	33.6	28.0	16.5	34.2
1967	13.2	14.4	29.7	32.1	46.0	46.9	56.2	52.0	44.1	32.6	21.9	8.2	32.9
1968	5.5	21.4	24.5	29.0	39.1	46.5	52.3	48.0	38.9	31.9	20.7	9.7	30.7
1969	17.9	17.4	19.7	33.0	44.1	45.0	55.7	54.1	45.2	24.7	20.1	16.7	33.2
1970	12.9	20.1	23.2	27.0	40.3	47.1	53.7	53.1	41.0	29.1	24.8	13.1	32.1

AVERAGE TEMPERATURE (°F)

YEAR	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.9	31.3	38.7	48.5	58.2	63.7	74.1	63.7	63.2	51.0	34.9	24.3	48.9
1952	29.3	29.9	34.9	49.0	58.3	69.5	73.5	70.4	63.7	53.4	32.2	25.1	49.1
1953	31.2	30.5	41.5	45.4	52.2	69.0	75.0	68.9	64.4	51.7	40.1	25.5	49.6
1954	32.0	38.9	38.4	54.1	61.5	67.5	74.4	70.2	61.2	53.1	40.9	26.4	51.7
1955	25.5	23.4	37.9	45.8	56.2	65.5	74.0	71.9	65.4	52.6	35.8	34.1	49.0
1956	36.0	28.9	39.5	48.9	60.6	71.7	72.8	68.9	66.0	52.4	30.7	24.2	50.1*
1957	28.6	35.3	41.3	47.3	53.2	67.1	72.2	70.2	61.3	51.9	34.8	32.0	49.6
1958	28.2	37.5	38.4	46.9	62.3	70.8	73.1	73.5	63.3	51.9	38.2	33.7	51.5
1959	28.9	32.3	37.6	49.0	59.4	70.7	74.0	70.1	61.6	48.5	36.5	28.7	49.8
1960	22.1	24.0	38.3	48.5	56.5	68.1	74.0	72.0	65.2	50.3	39.4	25.3	48.6
1961	25.1	33.0	39.5	47.0	58.5	69.3	71.9	71.3	56.3	49.2	35.7	23.0	48.3
1962	22.2	36.7	34.6	51.6	56.9	65.4	70.2	69.9	62.4	52.4	41.9	30.2	49.5
1963	15.4	35.9	38.0	47.5	60.6	64.7	73.2	69.6	64.9	56.3	40.4	27.3	49.5
1964	23.3	23.6	32.6	45.7	57.0	64.9	73.8	67.4	63.2	52.8	35.4	29.6	47.1
1965	29.7	30.4	34.3	47.5	54.0	62.7	73.2	68.2	56.9	51.7	42.7	32.1	48.4
1966	24.4	27.3	39.8	47.5	58.9	66.1	74.1	70.0	62.6	49.2	41.5	28.5	49.2
1967	25.8	32.7	43.9	47.2	54.3	62.1	71.8	68.9	60.2	50.6	38.0	20.9	48.0
1968	20.3	33.3	39.6	42.5	54.3	66.0	68.9	63.2	57.3	48.6	32.6	22.8	45.8
1969	29.4	28.9	32.9	48.7	60.5	63.4	71.5	71.0	61.5	42.3	34.2	29.1	47.5
1970	25.1	35.3	35.4	40.9	57.2	63.8	70.3	69.8	57.3	43.7	37.7	27.1	47.0

SEASONS: JUL APR
50-51
51-52
52-53
53-54
54-55

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

NORTHDALE

05 5970 2

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR	TEMPERATURE (F)												PRECIPITATION (INCHES)															
	AVERAGE			EXTREMES				MEAN NO OF DAYS					GREATEST				SNOW, SLEET				MEAN NO OF DAYS							
	MAXIMUM	MINIMUM	MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE		.50 OR MORE		1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW															
JAN	37.2	10.0	23.6	51.	1956	10	-26.	1963	13	0.0	7.5	30.6	7.7	.78	.67	1952	7	11.1	19.	1968	31	2.7	.2	0.0				
FEB	41.2	14.4	27.8	63.	1963	7	-25.	1962	28	0.0	3.9	27.9	3.8	.64	.65	1955	2	5.3	18.	1957	1	2.5	.1	0.0				
MAR	47.4	20.1	33.8	70.	1966	31	-18.	1962	11	0.0	1.8	29.7	1.2	.65	.75	1970	1	4.2	13.	1964	24	2.4	.1	0.0				
APR	58.9	27.0	43.0	77.	1962	19	4.	1970	2	0.0	0.0	23.3	0.0	.98	.92	1960	12	1.6	3.	1953	7	3.0	.4	0.0				
MAY	63.9	34.4	52.2	89.	1965	30	11.	1967	2	0.0	0.0	12.1	0.0	.88	.81	1965	13	0.0	0.	0	0	2.8	.2	0.0				
JUN	80.9	41.4	61.2	97.	1970	26	19.	1954	7	3.0	0.0	2.5	0.0	.39	1.24	1957	11	0.0	0.	0	0	1.2	.2	.1				
JUL	87.1	49.9	68.5	97.	1951	7	32.	1970	1	11.3	0.0	.1	0.0	1.24	1.06	1967	30	0.0	0.	0	0	3.5	.4	.2				
AUG	83.8	49.5	66.7	96.	1962	15	31.	1968	23	4.3	0.0	.1	0.0	1.61	2.15	1957	30	0.0	0.	0	0	3.9	.8	.1				
SEP	76.8	40.0	58.4	91.	1954	2	22.	1959	26	.1	0.0	3.7	0.0	1.19	2.20	1970	5	0.0	0.	0	0	2.9	.8	.2				
OCT	64.6	30.1	47.4	82.	1963	1	-6.	1956	30	0.0	0.0	20.7	0.0	1.47	1.45	1965	16	1.9	11.	1956	29	3.3	.8	.3				
NOV	48.8	20.2	34.6	67.	1967	11	-22.	1952	27	0.0	1.4	28.3	.6	1.05	1.17	1966	8	4.2	8.	1962	18	2.8	.7	.1				
DEC	38.3	11.5	24.9	58.	1963	24	-25.	1968	22	0.0	7.9	30.4	5.4	1.04	.98	1967	19	9.0	29.	1967	20	3.3	.5	0.0				
ANNUAL	61.3	29.0	45.2							19.	23.	209.	19.	11.9				37.				34.	5.	1.				

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.08	.07	0.00	0.00	0.00	0.00	.28	.37	0.00	0.00	.15	.08	6.40
.10	.14	.12	.04	.23	.12	.02	.39	.52	0.00	0.00	.24	.15	7.36
.20	.25	.20	.12	.42	.25	.07	.57	.75	.22	.27	.40	.29	8.65
.30	.35	.29	.21	.54	.40	.17	.74	.97	.42	.51	.54	.43	9.68
.40	.47	.39	.32	.71	.55	.26	.90	1.18	.63	.77	.69	.59	10.61
.50	.50	.50	.45	.84	.69	.46	1.08	1.40	.86	1.06	.86	.78	11.54
.60	.76	.63	.60	1.02	.87	.35	1.27	1.64	1.14	1.40	1.05	.99	12.52
.70	.95	.79	.79	1.22	1.09	.47	1.51	1.96	1.49	1.84	1.29	1.27	13.63
.80	1.21	1.01	1.07	1.44	1.39	.65	1.82	2.36	1.96	2.43	1.61	1.65	15.01
.90	1.54	1.37	1.54	1.90	1.88	.94	2.31	2.99	2.76	3.43	2.12	2.29	17.06
.95	2.06	1.72	2.02	2.28	2.36	1.24	2.78	3.59	3.54	4.41	2.62	2.91	18.89
ALPHA	1.42	1.41	1.02	2.42	1.53	.95	2.43	2.48	1.25	1.24	1.74	1.22	9.67
BETA	.55	.46	.68	.43	.60	.44	.51	.65	1.05	1.33	.61	.85	1.24
Q	0.00	0.00	.05	.05	.05	.05	0.00	0.00	.10	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

NORTHCAL

NORTHCAL

05 5970 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.02	.49	.16	1.64	1.27	.28	.66	2.79	.46	1.10	.83	1.85	12.56
1952	1.23	.45	.58	1.59	.57	.68	1.04	1.40	1.20	.00	.79	.49	10.01
1953	.58	.34	1.19	1.45	.52	.12	2.73	2.31	T	3.44	2.49	.29	15.56
1954	.70	.11	1.52	.36	1.55	.20	.21	1.21	1.66	1.21	1.11	.56	10.40
1955	.35	1.55	.02	.87	.93	.39	.97	.72	.07	.05	1.24	.82	8.54
1956	.83	.27	.05	.19	.53	.09	2.04	.45	.22	1.63	.03	.15	6.48
1957	2.96	.71	.48	2.53	4.39	1.55	1.43	3.57	.00	3.46	3.30	.76	25.14
1958	.68	1.32	1.44	.29	.44	.09	.87	1.34	1.27	.63	.69	.03	9.09
1959	.19	1.09	.03	1.13	.17	.68	.78	1.38	.83	2.14	.40	1.69	13.51
1960	.96	.59	.59	1.20	.20	.31	.61	.24	.69	2.77	.95	.52	9.63
1961	.30	.28	1.19	.53	.19	T	1.32	2.61	3.00	2.39	.83	.39	13.03
1962	.05	1.15	.35	.56	.68	.18	.20	.36	2.70	1.77	1.21	.75	9.96
1963	.49	.64	.39	.50	.27	.18	1.18	2.15	1.22	1.22	.39	.27	9.88
1964	.21	.09	.74	1.26	.43	.03	2.23	1.49	1.25	.02	1.04	1.29	10.07
1965	.88	.45	.82	2.67	1.79	1.23	1.91	2.02	2.41	2.38	1.95	3.33	22.24
1966	.19	.92	T	.73	.85	.16	1.49	.70	1.23	.54	1.26	2.94	11.01
1967	.39	.04	.20	.63	1.40	1.03	2.70	2.47	.24	.02	.21	2.61	11.94
1968	.44	.40	.27	.90	.39	.02	1.36	2.68	.25	.84	.50	1.03	9.08
1969	2.41	1.50	.67	T	.92	.60	.64	.75	.45	2.33	.89	.29	11.45
1970	.18	.07	2.39	.62	T	.04	.44	1.55	4.65	1.58	.98	.79	13.39

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T	4.0		10.2	5.5	T	T	T	.0	
51-52	.0	.0	.0	T	.0	11.0	3.0	6.0		.0	.0	.0	
52-53	.0	.0	.0	.0	11.0	3.0		3.0		6.0	.0	.0	
53-54	T	.0	.0				4.5	.0		.0		.0	
54-55	.0	.0	.0	T	3.0	2.0	5.0			3.0	T	.0	
55-56	.0	.0	.0	.0	11.5	8.0	18.0	9.0	1.5	.0	T	.0	48.0
56-57	.0	.0	.0	13.0	T	2.0	35.0				T	.0	
57-58	.0	.0	.0	.0	6.0	14.0	6.0	5.0	.0	.0	.0	.0	
58-59	.0	.0	.0	T		1.0		T		.0	.0	.0	
59-60	.0	.0		.0	.0	4.0	7.0	15.0	2.0	T	T	.0	
60-61	.0	.0	.0		.5		6.0			.0	.0	.0	
61-62	.0	.0	T			6.0			13.0		T	.0	
62-63	.0	.0	.0	.0	8.0	2.0				T	.0	.0	
63-64	.0	.0	.0	.0	2.0			.3		7.0	T	.0	
64-65	.0	.0	.0	.0	9.5				T	6.0	.0	.0	
65-66	.0	.0	T	12.0		23.0			T	3.0	.0	.0	
66-67	.0	.0	.0	.0	2.0	5.0	7.0			.0	.0	.0	
67-68	.0	.0	.0	T	2.0	41.0	4.3	3.0			.0	.0	
68-69	.0	.0	.0	.0	2.0	14.0				.0	.0	.0	
69-70	.0	.0	.0						13.0	.0	.0	.0	

T Trace, van amount

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.5	43.3	48.8	58.9	69.2	78.5	90.5	92.8	77.5	61.8	44.7	32.6	60.6
1952	35.5	38.9	38.9	50.1	70.6	80.6	86.2	85.3	73.4	71.2	43.5	35.6	60.2
1953	40.8	40.5	51.4	57.6	64.3	83.4	87.3	81.8	81.6	66.4	50.6	35.7	61.7
1954	41.5	50.3	46.5	56.2	72.7	81.8	88.2	83.9	76.6	65.3	52.6	36.7	63.6
1955	32.7	31.9	46.6	57.1	67.4	77.3	86.3	85.0	78.9	68.5	48.3	39.1	66.0
1956	42.7	36.3	51.5	60.5	73.1	85.1	85.4	81.3	81.8	65.0	45.2	39.3	62.3
1957	35.2	44.2	48.5	56.0M	62.7	78.2	83.7	82.1	76.1	61.3	42.3	42.4	59.4*
1958	39.7	45.4	42.2	56.5	73.9	84.1	86.4	87.5	75.4	65.9	51.7	48.3	63.2
1959	41.4M	40.6	50.7	61.9	70.2	84.6	89.5	84.2	77.7	62.9	51.7	42.2	63.1*
1960	33.1	33.2	49.2	52.1	70.4	84.6	89.0	88.5	79.3	60.7	50.5	36.3	61.4
1961	36.7	43.5	47.4	60.4	72.2	85.6	88.2	82.3	68.8	62.5	44.8	34.0	60.5
1962	35.6	42.4	44.0	65.3	69.1	81.2	86.3	86.4	77.5	65.2	52.0	43.7	62.4
1963	30.0	46.7	48.7	58.7	74.7	80.3	86.8M	82.0	73.2	69.1	51.8	41.3	62.6*
1964	37.5	38.8	42.5	55.4	70.1	80.7	85.6	82.4	75.6	69.5	44.4	34.9	60.0
1965	38.6	38.8	44.8	55.8	64.4	74.8	84.9	82.5	70.8	67.2	52.4	39.5	59.5
1966	37.8	35.5	54.5	61.1	73.9	80.4	88.1	85.9	78.0	64.9	52.7	38.3	62.6
1967	35.9	44.9	53.4	57.0	66.6	76.0	80.5	83.7	77.2	68.2	52.7	32.5	61.2
1968	32.9	42.9	50.9	53.7	66.6	83.8	84.7	77.0	76.0	64.4	47.3	34.7	59.6
1969	37.8	38.3	43.3	61.6	73.9	78.5	89.1	86.7	77.7	55.4	48.3	41.6	60.8
1970	40.0	49.4	44.1	52.5	72.4	78.4	87.8	85.5	71.5	55.5	49.1	37.8	60.3

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.6	16.3	19.8	27.4	35.8	39.1	50.6	49.1	37.3	29.0	16.2	6.3	28.2
1952	10.4	9.7	14.8	30.5	36.6	42.9	49.2	50.8	41.9	27.1	12.1	8.7	27.9
1953	15.8	13.3	21.4	25.5	31.3	42.6	52.5	48.8	36.6	31.1	22.3	9.6	29.3
1954	18.5	23.0	19.8	29.6	36.3	41.6	53.8	45.9	42.2	33.5	22.1	11.8	31.5
1955	3.5	4.9	14.0	25.1	34.9	39.3	49.0	51.7	38.9	28.5	20.0	15.0M	26.9*
1956	23.1	15.1	19.5	27.0	36.3	43.9	47.5	46.2	38.4	27.4	16.4	10.9	29.3
1957	17.9	19.4	25.9	29.3M	35.2	44.3	50.0	43.6	35.6	33.9	19.4	17.7	31.6*
1958	10.5	19.0	21.2	25.1	36.4	42.9	47.3	50.7	42.8	30.2	20.5	14.8	30.2
1959	9.8M	15.1	23.6	27.4	33.4	43.5	43.9	43.6	33.7	29.5	17.7	14.1	29.0*
1960	1.7	5.8	19.5	26.6	31.8	40.7	47.5	48.2	43.6	31.0	22.0	9.1	27.3
1961	3.2	18.4	24.1	27.2	34.0	42.7	50.1	53.5	38.3	23.2	20.7	6.1	29.0
1962	8.2	21.7	14.9	27.6	33.0	40.0	47.1	47.1	40.6	33.0	23.3	14.8	29.3
1963	1.1	20.7	20.6	26.7	35.4	41.1	48.3	51.9	43.4	35.1	23.3	9.6	29.6
1964	7.4	9.2	15.9	25.6	33.8	41.0	51.4	48.8	40.4	27.6	16.8	12.0	27.5
1965	15.1	12.6	21.5	28.9	34.1	37.5	49.4	48.2	39.3	30.3	25.1	14.7	29.7
1966	5.7	5.1	21.6	24.8	35.0	40.7	51.7	49.5	41.5	28.5	23.6	15.4M	28.6*
1967	6.8	17.0	25.5	27.1	31.9	41.0	51.8	49.7	41.4	28.9	18.4	7.9	29.0
1968	4.1	16.7	22.1	24.7	30.2	41.0	43.5	47.5	35.1	30.6	20.9	4.7	27.3
1969	15.7	12.7	12.4	28.7	36.5	40.8	51.9	51.9	42.4	28.8	20.9	16.5	29.9
1970	13.0	18.4	22.2	24.2	34.9	41.7	43.6	52.4	39.3	29.3	22.7	10.0	29.9

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.6	29.8	34.3	43.2	53.0	58.9	70.6	55.5	57.4	45.4	30.5	19.7	44.4
1952	23.0	23.3	26.9	45.3	53.6	61.8	57.7	68.1	63.2	49.2	27.8	22.2	44.1
1953	28.3	26.9	36.4	41.6	48.3	63.0	59.9	65.3	53.6	48.8	36.5	22.7	45.5
1954	30.0	36.7	33.2	47.9	54.5	61.7	71.0	64.9	59.4	49.7	37.4	24.3	47.6
1955	18.1	15.5	32.3	41.1	51.2	58.6	67.7	58.4	58.9	49.5	34.2	27.1M	43.5*
1956	32.9	25.7	35.5	43.8	54.7	64.5	66.5	63.8	60.1	46.2	30.8	25.1	45.8
1957	26.6	31.8	37.2	42.7M	49.0	61.3	66.9	65.9	56.4	47.6	30.9	30.1	45.5*
1958	25.1	32.2	31.7	41.3	55.2	63.5	60.9	69.1	59.6	48.0	35.1	31.6	46.7
1959	25.6M	27.9	35.7	44.7	51.4	64.1	63.7	66.4	58.2	46.2	34.7	28.2	46.1*
1960	17.4	19.5	34.4	44.5	51.1	62.7	68.3	68.4	61.5	45.9	36.3	22.8	44.4
1961	20.0	31.0	35.8	43.8	53.1	64.2	69.2	67.9	53.6	45.9	32.8	23.1	44.8
1962	21.9	32.1	29.5	46.5	51.1	60.6	66.6	65.8	59.1	43.1	37.7	29.3	45.9
1963	14.5	33.7	34.7	42.7	55.1	60.7	68.8M	67.0	61.3	52.1	37.6	25.3	46.1*
1964	22.5	24.0	29.2	40.5	52.0	60.9	70.0	65.6	58.0	48.0	30.6	23.5	43.8
1965	26.9	25.7	33.2	42.4	49.3	56.2	67.2	65.4	55.1	48.3	38.8	27.1	44.7
1966	21.8	20.3	38.1	43.0	54.5	60.6	69.9	67.7	59.8	46.3	38.2	27.2M	45.7*
1967	21.4	31.0	39.5	42.1	49.3	58.5	69.2	65.7	59.3	48.6	35.6	20.2	45.1
1968	18.5	29.8	36.5	39.2	48.4	62.4	67.1	62.3	56.1	47.5	34.1	19.7	43.5
1969	26.8	25.5	27.9	45.2	55.3	59.7	69.0	63.3	60.1	42.1	34.6	29.1	45.4
1970	26.5	33.9	33.2	38.4	53.7	60.1	66.7	63.0	55.7	42.4	35.9	23.9	45.1

SEASON

50-51

51-52

52-53 Summary Table

53-54

54-55

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

55-56

56-57

57-58

58-59

59-60

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

60-61

Symbols and Letters Indicate the Following

61-62

62-63

63-64

64-65

65-66

66-67

67-68

68-69

69-70

E Amount is partially estimated.

D Water equivalent of snowfall wholly or partly estimated.

M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.

* One or more of the above codes encountered in computing the annual mean or total.

T Trace, an amount too small to measure.

+ Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

NORTH LAKE

05 5990 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SIGN. SLEET						MEAN: NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	39.9	12.2	26.1	58.	1969	7	-36.	1963	12	0.0	6.9	29.7	5.2	.74	1.00	1956	29	6.0	14.	1961	27	2.3	.3	.1
FEB	40.0	13.2	26.6	62.	1963	5	-18.	1962	28	0.0	5.9	27.5	3.7	1.18	1.05	1963	10	17.5	14.	1955	18	4.1	.3	.1
MAR	43.0	16.6	29.9	69.	1966	31	-17.	1965	20	0.0	4.8	29.7	3.2	1.55	1.05	1962	30	18.9	13.	1970	31	5.3	.5	.1
APR	53.0	24.9	39.0	71.	1965	22	-4.	1959	10	0.0	.8	24.6	.4	1.94	1.80	1959	8	20.4	17.	1955	9	4.4	1.2	.4
MAY	62.9	32.2	47.6	88.	1967	9	8.	1967	2	0.0	.1	15.1	0.0	2.21	3.48	1955	18	2.6	16.	1955	18	5.1	1.1	.4
JUN.	70.8	38.5	54.6	87.	1960	28	28.	1967	9	0.0	0.0	4.1	0.0	1.46	.84	1969	16	.2	1.	1953	18	5.3	.7	0.0
JUL	74.9	44.6	59.8	88.	1966	5	28.	1962	22	0.0	0.0	.2	0.0	3.47	2.48	1965	27	0.0	0.	0	0	9.7	1.9	.3
AUG	72.7	43.6	58.1	84.	1970	11	28.	1964	28	0.0	0.0	.5	0.0	3.52	1.34	1957	2	0.0	0.	0	0	10.0	2.3	.4
SEP	67.4	37.2	52.3	84.	1960	5	18.	1970	26	0.0	0.0	7.6	0.0	1.28	1.30	1952	13	.1	6.	1961	3	3.3	.8	0.0
OCT	59.3	28.6	44.0	76.	1964	3	5.	1969	13	0.0	.3	23.0	0.0	1.32	1.43	1960	16	1.5	14.	1960	15	3.7	.9	.3
NOV	49.6	20.2	35.0	75.	1966	3	-18.	1968	30	0.0	1.6	28.1	1.1	1.02	.96	1957	2	12.0	13.	1951	1	3.1	.4	0.0
DEC	42.3	14.8	28.5	67.	1965	4	-18.	1966	27	0.0	4.9	30.2	3.2	.86	.80	1961	9	12.2	11.	1969	5	3.2	.2	0.0
ANNUAL	56.2	27.1	41.7							0.	25.	220.	17.	20.6				91.				59.	11.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.13	.32	.43	.23	.35	.08	.96	1.77	0.00	0.00	.23	.11	17.78
.10	.20	.43	.58	.38	.53	.17	1.29	1.40	.34	.23	.32	.17	14.71
.20	.31	.60	.80	.55	.85	.35	1.79	2.08	.57	.46	.47	.30	16.68
.30	.41	.75	1.00	.72	1.16	.54	2.23	2.48	.76	.67	.61	.42	17.43
.40	.51	.90	1.19	.92	1.47	.77	2.66	2.86	.95	.87	.74	.54	18.24
.50	.63	1.05	1.39	1.21	1.82	1.03	3.09	3.26	1.13	1.09	.89	.69	20.12
.60	.75	1.22	1.61	1.50	2.15	1.35	3.59	3.68	1.34	1.34	1.05	.85	21.64
.70	.91	1.43	1.87	2.37	2.70	1.77	4.18	4.18	1.50	1.64	1.24	1.04	23.05
.80	1.11	1.63	2.20	3.00	3.34	2.34	4.93	4.91	1.65	1.80	1.40	1.13	24.78
.90	1.44	2.10	2.74	4.04	4.40	3.33	6.12	5.78	1.84	2.00	1.60	1.30	27.48
.95	1.76	2.49	3.23	5.05	5.40	4.31	7.23	6.68	2.09	3.33	2.28	2.23	29.85
ALPHA	2.03	2.96	3.07	1.50	1.92	1.05	3.07	4.35	2.67	1.86	2.45	1.54	15.47
BETA	.37	.40	.50	1.29	1.22	1.39	1.13	.81	.51	.75	.42	.56	1.33
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

NORTH LAKE

05 5930 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.45	.46	1.81	1.31	.47	.75	.29	1.30	.63	.70	1.74	1.73	12.18
1952	1.28	1.69	1.17	2.65	4.44	.10	2.35	2.30	2.11	T	.97	.04	19.76
1953	.07	.58	.52	.97	1.62	.12	5.00	1.91	T	.87	1.71	.50	13.73
1954	.33	.68	1.43	.55	4.57	.15	3.36	2.24	1.17	1.47	.16	.43	16.59
1955	.17	1.96	.83	2.55	6.63	.68	2.340	4.430	.490	.440	.73	.41	21.35*
1956	1.58	1.17	1.20	.97	2.51	.82	3.15	1.71	.25	.97	1.23	.33	15.54
1957	1.92	.42	1.81	4.12	5.69	.85	5.93	6.03	.83	1.56	3.06	.03	32.40
1958	.63	.15	3.05	4.32	1.54	1.57	2.57	5.01	.38	1.15	.94	.51	21.32
1959	.93	.83	1.58	4.00	2.59	2.40	2.74	4.59	1.66	2.15	.98	.93	25.48
1960	.40	2.13	1.26	.96	.49	.35	4.97	1.32	1.27	4.93	.69	1.18	19.95
1961	.80	1.93	1.63	2.33	1.34	3.75	3.79	5.33	2.04	1.68	1.47	1.17	27.26
1962	1.17	1.03	1.72	1.71	.26	1.03	2.39	.70	.99	1.63	.97	.55	14.15
1963	.73	1.92	.70	.02	.95	1.95	.96	4.67	3.07	.67	.27	.66	16.58
1964	.69	1.71	1.20	1.41	1.47	.51	2.65	3.19	1.62	.15	1.05	1.57	16.62
1965	1.00	1.60	1.63	3.25	1.74	3.12	5.81	3.79	2.94	1.09	1.31	.87	28.15
1966	.41	.93	.18	2.11	1.31	3.96	3.39	4.10	.81	.33	.32	1.43	19.33
1967	.68	1.67	1.26	.46	2.07	1.82	5.49	4.70	1.09	1.37	.49	2.75	23.85
1968	.30	.77	1.92	2.63	1.77	.23	3.43	4.44	.60	.53	1.42	.25	18.29
1969	1.18	.57	1.68	.62	1.81	4.53	5.71	4.04	1.88	2.49	.35	1.29	26.21
1970	.18	1.44	4.43	1.75	.90	.54	4.43	3.35	1.76	2.60	.62	.49	22.46

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			2.0				12.5	6.5	28.0	13.0	1.0	2.0	
51-52	T	T	.0	T	10.2	.4	T	16.0	12.0	13.0		.0	
52-53	.0	.0	.0	T	10.2	.4	T	6.7	2.5	12.0		1.0	42.0
53-54	T	T	.0		21.0	5.0	3.3						
54-55	.0	T	.0	2.8	1.6								
55-56													
56-57									18.0	45.3	7.0	.0	
57-58	.0	.0										.0	
58-59	.0	.0	.0							33.0	2.0		
59-60	.0	.0			11.0					11.0	T	.0	
60-61	.0	.0	.0			11.8						.0	
61-62	.0	.0											
62-63	.0	.0	T	T		5.5		37.0	12.0	T	T	.0	
63-64	.0	.0	.0	.0							.0	.0	
64-65	.0	.0	T		19.0	20.0	12.0	27.0	24.0	29.0		.0	
65-66	.0	.0	T	1.0								.0	
66-67	.0	.0	.0						19.0			.0	
67-68	.0	.0	.0			48.3	5.0	12.0	36.3	28.0	T	.0	
68-69	.0	.0	.0	5.0	17.0	2.0						.0	
69-70	.0	.0	.0		4.0		3.1				4.0	.0	

NORTH LAKE

05 5990 1

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958											51.5	49.6	
1959	41.7	39.1	43.7	53.5	62.6	73.4	76.4	74.8	69.3	58.1	51.0	45.0	57.4
1960	38.3	33.7	46.8	55.4	62.0	75.2	74.0	77.6	70.7	58.0	51.6M	39.3	57.0*
1961	44.2	41.6M	42.6	50.5	61.6	70.5	71.7	69.1	62.3	57.7	43.0	36.0	54.2*
1962	37.7	40.9	39.2	53.9	64.3	69.1	71.0M	75.5	65.4	61.3	56.2M	44.4	56.2*
1963	33.6M	41.6	42.3	54.1	64.2	70.3	76.9	68.8	70.0	64.6M	53.8	44.4	57.0*
1964	37.5	34.0	40.4	53.5	63.5	71.6	78.3	74.3	67.5	62.2	46.6	39.6	55.5
1965	42.5	39.9	36.9	52.6M	59.7	67.0	74.7M	71.5	64.6M	62.8	52.1	45.0	55.8*
1966	37.3	36.8	50.0	54.9	66.0M	71.1	77.7	71.9	69.2	63.5	53.3	42.6	57.6*
1967	42.7	41.7	51.6	56.1	62.3	68.5	73.8	68.6	66.0	60.7	51.2	36.2	56.5
1968	42.4	43.1	44.4M	47.8	59.0M	74.7M	73.4	69.8	67.1	61.2	46.1	41.2	55.9*
1969	43.2	40.5	38.9	56.2	64.5	66.5	75.5	74.7	67.9	52.3	47.8	42.3	55.3
1970	38.1M	45.8M	39.7	48.8	65.0	71.5	76.2	75.5	68.3	52.3	47.2	43.8	56.1*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959	14.1	15.2	16.7	23.6	34.3	41.2	43.8	45.8	37.9	28.1	19.9	23.5	
1960	11.6	7.2	20.7	26.5	32.0	40.2	44.4	43.2	38.9	23.3	21.3M	14.3	27.4*
1961	10.5	15.0	21.1	25.6	33.3	40.5	43.6	45.9	36.1	29.0	18.7	12.4	27.6
1962	9.3	20.5	15.8	27.1	31.3	35.8	42.4M	42.8	37.5M	29.8	20.6M	14.2	27.4*
1963	4.8M	15.6	18.8	27.3	34.8	38.8	45.9	44.6	42.4	32.8M	21.8M	11.3	28.3*
1964	6.8	5.6	13.1	22.3	31.5	37.7	45.6	41.1	36.9	20.5	18.8	10.7	24.7
1965	12.4	8.0	7.3	23.5M	28.3	36.5	42.8M	41.3	34.5M	27.3	21.6	16.5	25.0*
1966	6.6	7.6	17.8	22.3	31.2M	36.3	46.1	41.3	35.3	26.6	21.3	11.7	25.3*
1967	11.5	10.7	20.0	23.0M	26.0	35.4	43.0	41.2	34.7	27.6	22.5	10.6	25.7*
1968	15.5	17.2	20.3M	23.7	32.4M	41.0M	44.5	43.0	35.9	32.9	18.4	17.3	28.5*
1969	21.8	17.9	12.3	29.1	34.4	39.1	48.1	45.7	39.7	27.5	18.1	20.2	29.5
1970	20.5	17.1	15.5	24.9	34.3	38.2	45.5	47.3	36.1	27.6	22.6	16.6	28.9

NORWCCO

NORTH LAKE

05 5990 1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955									40.7				
1956									51.7				
1957											35.7	35.1	
1958	27.9	27.2	30.2	38.6	48.5	57.3	60.1	60.3	53.6	43.1	34.2	30.3	42.6
1959	25.0	20.5	33.8	41.5	47.0	57.7	59.2	60.4	54.8	43.2	36.5M	27.1	42.2*
1960													
1961	27.4	29.3M	31.9	38.1	47.5	55.5	57.7	57.5	49.2	42.9	30.9	24.2	40.9*
1962	23.5	30.7	27.5	40.5	48.1	53.0	56.7M	53.2	52.0M	45.6	35.4M	29.3	41.8*
1963	19.2M	29.1	30.6	40.7	49.5	54.4	61.4	56.7	56.2	48.7M	37.8M	27.9	42.7*
1964	22.2	19.3	26.8	36.4	47.5	54.7	61.8	57.7	52.2	44.4	32.7	25.2	40.1
1965	27.5	24.3	22.1	38.2M	44.0	51.8	58.9M	56.4	49.6M	45.1	36.9	30.8	40.4*
1966													
1967	22.0	22.2	33.9	38.6	48.6M	53.7	61.9	56.6	52.3	43.6	37.3	27.2	41.5*
1968	27.1	26.2	35.8	39.6M	45.2	52.0	58.4	54.9	50.4	44.2	36.9	23.4	41.2*
1969	29.5	30.2	32.4M	35.9	45.7M	57.9M	59.0	56.4	51.5	47.1	32.3	29.3	42.3*
1970	32.5	29.2	25.6	42.7	49.5	52.8	61.8	60.2	53.8	39.9	33.0	31.1	42.7
1971	29.3M	32.0M	27.6	36.3	49.7	54.9	60.9	61.4	52.2	40.0	34.9	30.2	42.5*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

NORWOOD

05 6012 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO. OF DAYS			SNOW, SLEET				MEAN NO. OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR		RECORD LOWEST	YEAR		90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
					YEAR	DAY		YEAR	DAY															
JAN	36.3	10.4	23.4	55.	1969	2	-31.	1963	13	0.0	9.1	30.5	6.0	.85	.89	1965	1	11.6	16.	1957	31	2.9	.1	0.0
FEB	39.8	13.3	26.9	58.	1962	11	-23.	1951	1	0.0	4.9	27.8	3.6	.91	.65	1952	13	11.4	24.	1960	29	3.6	.1	0.0
MAR	46.1	20.0	33.1	70.	1966	31	-13.	1952	23	0.0	2.3	29.2	1.1	.95	.75	1965	24	10.4	28.	1960	2	3.9	.1	0.0
APR	51.0	27.6	42.3	78.	1962	19	0.	1970	1	0.0	0.0	22.3	0.0	1.05	.91	1954	25	5.2	8.	1953	7	2.9	.5	0.0
MAY	68.2	35.7	52.0	87.	1956	31	13.	1967	2	0.0	0.0	9.9	0.0	.96	1.22	1967	26	.2	1.	1951	1	3.1	.2	.1
JUN	78.1	43.1	61.6	94.	1970	26	22.	1954	2	.5	0.0	1.6	0.0	.70	.74	1969	24	0.0	0.	0	0	2.7	.1	0.0
JUL	83.4	49.4	66.4	92.	1969	27	35.	1959	1	1.9	0.0	0.0	0.0	1.78	1.09	1968	31	0.0	0.	0	0	5.3	.9	.1
AUG	80.0	48.1	64.0	93.	1969	8	29.	1968	23	.9	0.0	.7	0.0	1.98	1.81	1969	29	0.0	0.	0	0	5.9	.7	.1
SEP	72.9	40.8	56.8	88.	1954	1	15.	1970	25	0.0	0.0	2.6	0.0	1.67	1.75	1970	5	0.0	0.	0	0	4.4	1.2	.3
OCT	61.6	31.4	46.5	78.	1963	4	1.	1970	27	0.0	0.0	17.0	0.0	1.48	1.51	1957	14	2.2	3.	1961	28	3.4	.8	.3
NOV	46.2	20.1	33.2	67.	1967	14	-9.	1969	18	0.0	2.3	28.1	1.0	1.02	.93	1966	8	7.4	10.	1964	18	3.2	.4	0.0
DEC	37.1	11.8	24.5	56.	1969	21	-17.	1961	12	0.0	9.5	30.3	4.5	.94	.65	1966	7	11.6	12.	1952	20	3.3	.2	0.0
ANNUAL	58.9	29.3	44.1							3.	28.	200.	16.	14.3				60.				44.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.23	.25	.69	.32	.13	.16	.50	.74	0.00	0.00	.36	.38	8.86
.10	.31	.33	.85	.40	.20	.23	.67	.93	0.00	0.00	.46	.47	9.84
.20	.42	.47	1.00	.57	.34	.33	.93	1.19	.29	.64	.59	.59	11.14
.30	.53	.58	1.00	.70	.48	.42	1.15	1.41	.55	.71	.71	.69	12.15
.40	.63	.69	1.00	.83	.69	.59	1.37	1.69	.64	.86	.82	.78	13.23
.50	.74	.81	1.00	.92	.87	.77	1.55	1.91	.77	.96	.94	.88	14.35
.60	.86	.94	1.00	1.00	1.00	.85	1.85	2.22	1.18	1.18	.94	.98	15.47
.70	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.48	1.30	1.30	1.06	1.06	16.60
.80	1.18	1.00	1.00	1.00	1.00	1.00	2.14	2.77	1.43	1.43	1.21	1.21	17.73
.90	1.46	1.00	1.00	1.00	1.00	1.00	2.33	3.03	1.93	1.93	1.39	1.39	18.85
.95	1.73	1.00	1.00	1.00	1.00	1.00	2.55	3.69	2.08	2.08	1.68	1.68	20.07
ALPHA	3.02	3.02	1.34	3.50	1.61	2.50	3.10	4.63	1.18	1.90	4.21	5.21	15.35
BETA	.27	.30	.71	.30	.60	.28	.57	.43	1.57	.87	.24	.18	.93
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.10	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.91	.56	.03	1.29	.84	.25	.60	2.41	.31	1.37	1.33	1.39	10.09
1952	1.64	1.26	1.53	1.83	1.11	.12	1.14	1.85	1.80	.00	1.21	.73	14.19
1953	.60	.82	.67	1.44	.98	.50	3.18	2.39	T	2.63	1.79	.42	14.42
1954	.25	.11	1.09	1.62	1.02	.73	2.15	.88	4.24	1.43	1.23	.35	15.17
1955	.60	1.54	.30	1.15	1.16	.54	.95	1.03	.39	.13	.96	.52	8.97
1956	1.31	.58	.53	.82	.56	.31	1.03	1.37	.11	.71	.69	.86	8.88
1957	1.95	.57	1.17	1.32	3.59	.56	4.15	3.59	.33	5.12	2.11	.51	24.64
1958	1.10	1.10	1.04	.55	.34	.32	.51	1.88	1.79	1.28	1.35	.43	11.36
1959	.22	1.18	.31	1.01	.25	.33	1.44	2.14	1.50	2.48	.20	1.15	12.21
1960	.57	1.73	1.45	.90	.55	.80	.90	.72	1.49	1.56	.72	1.07	12.56
1961	.68	.96	2.76	.85	1.02	.41	.95	2.43	3.68	1.70	.86	1.06	16.95
1962	.53	1.94	.52	.48	.85	.54	.82	.51	2.03	1.51	1.15	.88	11.82
1963	.980	.37	1.14	.27	.13	.67	3.72	3.94	2.34	2.79	.31	.49	18.22*
1964	.430	.49	1.08	1.23	.59	.48	2.34	2.14	1.46	.00	1.37	1.470	11.24*
1965	1.77	.32	1.52	1.58	1.30	.84	2.65	2.52	3.15	1.39	1.23	1.750	21.86*
1966	.430	.730	.08	.70	.69	1.81	1.81	1.55	1.13	.87	1.26	1.31	12.44*
1967	.29	.44	.37	.59	2.27	1.52	3.59	1.35	1.04	.25	.37	1.30	13.43
1968	.640	.97	.20	1.93	.89	.40	2.23	2.04	.13	.50	.71	1.06	11.70*
1969	1.01	1.200	.630	.18	1.11	1.41	1.74	2.50	2.30	2.41	.72	1.02	15.93*
1970	.59	.23	2.63	1.24	.05	1.37	1.02	2.28	5.35	1.65	.42	1.33	17.53

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.0	7.0	T	T	1.0	.0	
51-52	.0	T	.0		9.0	15.0	17.0	17.0	16.0	T	T	.0	
52-53	.0	.0	.0	.0	14.0	7.5	9.0	10.0	5.5	7.5	2.0	.0	55.5
53-54	T	T	.0	T	8.1	8.2	4.0	1.0	4.0	.0	.0	.0	25.3
54-55	.0	.0	.0	.0	7.0	3.0	11.2	20.2	6.5	11.0	T	.0	58.9
55-56	.0	.0	.0	.0	13.5	8.0	12.0	12.0	5.0	2.0	.0	.0	52.5
56-57	.0	.0	.0	.0	15.7	17.0	26.2	T	9.7	4.0	.0	.0	
57-58	.0	.0	.0	.0	14.0	4.0	14.5	8.9	2.1	1.0	.0	.0	44.5
58-59	.0	.0	.0	T	4.0	5.1	4.5	13.5	4.8	4.9	.0	.0	42.8
59-60	.0	.0	.0	4.5	.5	12.5	13.1	32.7	10.1	.7	T	.0	74.1
60-61	.0	.0	.0	.0	3.1	13.8	8.3	10.4	32.6	6.3		.0	
61-62	.0	.0	T	4.5	13.4	18.8	9.3		7.1		.0	.0	
62-63	.0	.0	.0	.0	5.6	8.1	14.7	8.4	10.9	2.3	.0	.0	49.9
63-64	.0	.0	.0	.0	7.5	6.9	8.8	9.0	24.5	6.0	T	T	64.7
64-65	.0	.0	.0	.0		12.1	19.8	12.1	17.3		.0	.0	
65-66	.0	.0	.0	6.8	6.0		11.7	16.5	2.5	11.0	.0	.0	
66-67	.0	.0	.0	1.0	6.5	3.0	8.5	7.2	3.0	8.0	.0	.0	37.2
67-68	.0	.0	.0	1.0	4.0	26.5	1.1	5.5	3.0	17.0	1.0	.0	66.1
68-69	.0	.0	T	.0	2.0			15.8	11.5	1.0	.0	.0	
69-70	.0	.0	.0	12.0	6.5	18.9	9.0	2.5	35.0	9.5	T	.0	93.4

NORWOOD

05 6012 2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.9	41.1	48.2M	56.7	67.7	75.7	85.8	79.3	75.3	60.5	40.4	33.0	58.4*
1952	33.6	39.7	38.8	57.6	68.5	79.0	81.7	79.4	74.1	66.5	41.8	33.9	57.5
1953	41.2	34.3	48.3	54.9	60.1	81.0	84.7	79.7	75.0	62.1	48.4	33.5	59.1
1954	40.9	47.3	45.7	64.4	71.2	78.9	84.3	61.3	71.1	62.4	50.2	37.5	61.4
1955	33.5	31.4	44.5	55.2	66.6	75.2	84.6M		76.1	64.8	44.9	40.1	
1956	42.2	35.7	49.4	57.0	71.5	82.7M	83.0	78.5	78.5	63.8	41.0	34.5	59.8*
1957	35.0	44.6	47.3M	53.9	60.3	77.4	73.7M	77.4	72.0	57.0	39.6	43.5	57.0*
1958	36.2	42.7	42.3	55.6	72.6	81.9	83.8	83.9	72.7	62.6	46.7	44.4	60.4
1959	37.8M	33.9	47.6	53.2M	69.1	82.6	85.7	79.5	71.0	53.3	47.3	34.5	53.8*
1960	31.4	33.0	48.4	59.1	68.4	80.2	85.1	82.8	74.7M	59.7	48.5	34.1	58.7*
1961	36.1	43.2	45.5	55.9	69.3	82.2	83.6	79.6	65.0	59.3	43.3	31.5	57.9
1962	32.7	40.5	42.7	62.6	67.4	78.8	82.1M	82.1	74.2	62.3	50.4	39.6	59.7*
1963	29.5	43.3	46.7	58.1	73.2	78.4M	84.4	73.0	76.3	65.4	47.3M	35.6	59.7*
1964	32.8	34.5	40.8	53.6	68.5	75.5M	85.7	77.4	71.1	65.7	41.0	35.7	56.9*
1965	37.1	37.3	41.8	56.7	63.7	73.9M	83.8	78.8	66.2	63.3	49.3	30.5	57.3*
1966	33.5	35.1	52.1	59.7	71.4M	77.0	84.4	82.1	75.0	61.8	52.2	38.8	60.3*
1967	39.3	44.3	53.4	59.5	66.2	73.2	82.9M	80.5	73.8	66.0	52.2	34.3	60.2*
1968	38.2	44.3	50.8	51.6	64.5	79.3	80.9	74.3	72.3M	53.5	44.7	35.3M	58.4*
1969	41.1	39.4	44.3	61.0	71.8	73.5	83.2	84.1	73.2	52.6	47.1	41.1	59.4
1970		47.3	43.2	49.8	69.5	75.3	83.7	82.0	68.5	53.6M	47.3M	39.2	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.2	18.1	21.0M	23.6	39.1	42.6	52.3	50.5	41.7	32.1	16.4	9.3	30.5*
1952	12.1	3.6	15.1	30.1	36.9	45.5	49.1	49.0	42.6	33.4	17.4	10.5	29.2
1953	16.4	12.6	24.2	27.5	34.0	46.3	51.3	47.5	40.9	32.5	22.6	8.3	30.4
1954	17.7	21.3	19.4	32.8	38.5	43.1	50.7	46.7	43.1	31.9	22.3	12.2	31.6
1955	8.9	.6	17.5	25.9	33.8	36.7	48.6M		41.6	31.5	17.3	15.3	
1956	20.9	11.6	20.8	28.3	37.5	47.2M	47.1	45.3	42.8	32.5	14.9	7.3	29.7*
1957	15.6	22.7	23.1M	24.9	34.9	44.4	50.3M	48.5	38.3	34.9	16.3	15.5	31.2*
1958	8.7	18.6	19.5	24.4	37.6	44.7	45.9	43.0	41.9	31.0	19.2	17.5	33.3
1959	11.0M	13.2	17.8	24.2M	35.3	45.4	47.1	47.5	33.1	31.0	19.4	14.8	29.2*
1960	5.2	7.3	22.7	30.3	36.4	46.0	49.5	48.4	43.4M	31.5	21.7	7.4	29.2*
1961	6.2	14.5	22.3	28.6	35.6	44.8	49.0	50.4	38.5	30.8	21.0	8.5	29.1
1962	7.4	21.2	18.0	31.3	35.5	43.0	47.8M	47.9	41.8	31.9	24.8	14.3	30.4*
1963	3.2	15.9	20.3	29.0	39.7	41.6M	50.5	49.0	42.2	35.9	20.4M	11.4	35.1*
1964	5.5	6.0	17.0	27.0	36.9	42.3M	51.2	47.1	41.3	33.8	17.1	13.2	28.2*
1965	12.0	12.6	18.7	28.6	33.5	41.2M	50.1	47.6	38.3	32.2	26.5	17.3	29.9*
1966	6.9	8.5	22.1	24.9	35.0M	42.2	50.9	47.5	41.4	29.2	24.2	13.3	24.8*
1967	4.7	14.8	25.5	25.3	31.5	40.3	49.2M	46.4	41.3	23.7	22.4	5.4	28.4*
1968	3.6	15.6	20.2	23.0	31.9	41.4	44.1	44.6	35.1M	33.4	18.3	6.3M	26.5*
1969	16.4	12.0	15.2	25.9	37.4	39.1	49.8	50.5	43.4	27.5	15.0	14.5	29.2
1970	9.4	18.4	19.0	21.5	33.3	41.0	44.5	49.9	35.8	25.0M	20.5M	9.5	27.8*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	24.6	27.6	34.6 ^M	43.2	53.4	59.2	63.3	64.9	58.4	46.3	28.4	21.5	44.5*
1952	22.9	22.2	27.0	43.9	52.7	62.3	65.4	64.2	53.4	50.0	29.6	23.0	43.4
1953	28.8	25.5	34.5	41.3	48.1	63.5	67.7	63.1	58.3	47.3	35.6	21.2	44.7
1954	29.3	35.2	32.6	48.6	54.9	61.0	67.4	63.9	57.1	47.2	36.3	24.9	46.5
1955	21.2	16.0	31.0	40.6	50.2	57.0	66.6 ^M		58.9	48.2	31.1	29.2	
1956	31.6	21.7	35.1	42.7	54.6	65.0 ^M	65.1	61.9	63.7	48.2	28.0	21.2	44.8*
1957	25.3	33.7	35.2 ^M	41.9	47.5	60.9	65.3 ^M	63.0	55.2	46.0	28.0	28.3	44.1*
1958	22.5	30.7	30.6	40.0	55.1	63.3	65.4	65.5	57.3	46.8	33.3	31.0	45.2
1959	24.4 ^M	26.1	32.7	43.7 ^M	50.2	64.5	60.4	63.5	55.2	45.3	33.2	27.2	44.5*
1960	18.3	20.2	35.6	44.7	52.4	63.1	67.4	65.6	59.1 ^M	45.1	35.3	26.3	44.0*
1961	21.2	27.7	33.9	42.8	52.8	63.5	65.3	65.0	52.3	45.1	32.2	20.0	43.5
1962	20.1	30.9	30.4	47.0	51.5	63.9	65.3 ^M	65.0	58.0	47.4	37.6	26.3	45.1*
1963	16.4	31.1	33.5	43.1	56.5	60.3 ^M	67.5	63.5	53.1	50.7	33.9 ^M	23.5	44.3*
1964	19.2	20.3	28.9	43.3	52.7	58.8 ^M	63.5	52.3	56.2	46.8	29.5	24.5	42.6*
1965	24.6	24.8	30.3	42.7	48.6	57.6 ^M	65.5	63.3	52.3	47.8	37.9	28.0	43.6*
1966	20.2	21.8	37.1	42.3	53.2 ^M	59.6	67.7	64.8	53.2	45.5	38.2	26.1	44.6*
1967	24.0	23.4	39.7	41.1	48.9	56.5	66.0 ^M	63.5	57.6	47.5	37.3	13.9	44.3*
1968	20.9	30.0	35.5	37.3	45.2	60.2	64.3	53.5	53.7 ^M	47.0	31.5	21.6 ^M	42.5*
1969	28.8	25.7	30.3	43.5	54.6	56.3	66.5	67.3	58.3	40.1	32.6	27.5	44.3
1970		33.1	31.1	35.7	51.4	58.2	65.1	65.0	52.7	39.3 ^M	33.9 ^M	24.4	

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ORDWAY

05 6131 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	.10 OR MORE									.50 OR MORE	1.00 OR MORE	
JAN														.27	.62	1959	15	4.1	5.	1956	29	.8	.1	0.0	
FEB														.32	.58	1966	23	3.8	3.	1956	8	1.3	.1	0.0	
MAR														.65	1.80	1953	31	4.5	5.	1969	14	2.3	.1	0.0	
APR														.93	1.70	1957	2	1.0	4.	1970	1	1.9	.3	.1	
MAY														1.36	1.29	1962	16	.1	1.	1954	1	3.3	.7	.2	
JUN														1.30	1.47	1965	5	0.0	0.	0	0	3.3	.9	.1	
JUL														2.01	2.21	1961	8	0.0	0.	0	0	4.4	1.5	.6	
AUG														1.36	2.45	1965	19	0.0	0.	0	0	2.9	.6	.4	
SEP														.98	2.43	1966	27	0.0	0.	0	0	2.0	.8	.2	
OCT														.76	1.10	1957	8	.7	3.	1959	30	2.1	.5	.1	
NOV														.40	.58	1962	17	1.6	6.	1953	19	1.2	.1	0.0	
DEC														.26	.38	1953	3	3.7	6.	1967	16	.7	0.0	0.0	
ANNUAL														10.6								26.	6.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.10	0.00	.19	0.00	.44	.17	0.00	.03	0.00	0.00	5.39
.10	.04	.01	.16	.08	.30	0.00	.63	.28	0.00	.07	0.00	0.00	6.28
.20	.08	.04	.25	.22	.50	.27	.92	.47	.32	.15	.10	0.00	7.48
.30	.12	.08	.34	.36	.69	.49	1.19	.64	.50	.25	.17	.08	8.44
.40	.16	.13	.43	.51	.89	.71	1.45	.86	.66	.37	.24	.14	9.32
.50	.21	.17	.54	.68	1.10	.97	1.74	.99	.83	.51	.31	.20	10.20
.60	.24	.27	.65	.84	1.35	1.26	2.04	1.17	1.03	.65	.40	.26	11.19
.70	.28	.38	.80	1.15	1.66	1.63	2.44	1.67	1.35	.91	.51	.34	12.19
.80	.34	.53	1.09	1.51	2.08	2.13	2.94	2.10	1.55	1.23	.65	.45	13.50
.90	.58	.80	1.30	2.11	2.76	2.96	3.74	2.81	2.33	1.78	.88	.62	15.48
.95	.73	1.07	1.60	2.70	3.41	3.77	4.50	3.50	2.48	2.34	1.10	.79	17.25
ALPHA	1.52	.79	1.80	1.23	1.68	1.36	2.40	1.57	2.10	.93	1.59	1.61	8.43
BETA	.19	.42	.36	.80	.81	1.05	.84	.87	.52	.82	.28	.20	1.26
Q	.05	.05	0.00	.05	0.00	.10	0.00	0.00	.10	0.00	.10	.20	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

OROWAY

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.56	.11	.31	.86	2.79	1.81	1.27	.76	.36	.38	.34	.13	10.24
1952	.26	.11	.43	1.84	.86	.00	.44	.67	1.10	.01	.41	.26	6.44
1953	.16	.01	2.16	1.28	2.05	.30	.79	1.74	.17	.48	.57	.48	10.19
1954	.40	.02	.32	.13	1.58	.05	1.58	1.50	.00	.87	.06	.15	6.67
1955	.10	.25	.10	.63	2.87	.47	.80	2.22	.74	.14	.10	.07	8.49
1956	.48	.18	.50	1.27	.78	.32	.51	.72	.03	.17	.29	.11	5.33
1957	.06	.04	.92	4.62	1.36	2.63	.72	1.44	1.29	1.21	1.51	T	15.77
1958	.09	.27	1.28	1.09	2.30	.53	1.54	.71	2.00	.58	.35	.05	10.79
1959	.91	.39	.52	1.00	2.19	2.65	1.23	.43	1.91	1.44	.03	T	12.90
1960	.91	1.67	.20	1.20	.71	.54	1.88	.05	.93	2.14	.51	1.43	12.14
1961	.09	.89	1.03	.42	.71	2.98	4.44	1.58	.87	.36	.51	.28	13.86
1962	.25	.17	.75	.87	1.71	1.82	2.99	.44	.28	.25	.76	T	10.23
1963	.13	.04	.61	.00	.04	1.36	1.98	3.25	1.07	.60	.39	.41	5.87
1964	.16	.30	.65	.54	1.55	.00	1.63	.57	.23	.04	.23	.14	6.14
1965	.18	.56	.67	.44	.74	4.17	4.38	4.34	1.03	1.69	.30	.54	18.51
1966	.30	.85	.05	.14	.13	.45	3.18	.61	3.08	.78	.00	.16	9.73
1967	.16	.06	.17	.08	1.39	1.50	3.56	1.72	.87	.47	.28	.63	10.94
1968	.03	.40	.53	.08	.71	1.21	1.20	.81	.43	.26	.15	.34	6.12
1969	T	.04	.79	1.07	2.23	2.46	4.41	3.08	1.44	2.27	.34	.21	18.34
1970	.18	.00	1.02	.91	.52	.73	1.59	.63	1.85	1.37	.69	.00	9.49

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.5	3.0	4.3	.5	.0	T	
51-52	.0	.0	T	T	6.3	2.4	2.3	T	5.3	4.0	.0	.3	20.3
52-53	.0	.0	.0	.0	5.1		4.0	T	.8	5.0	T	.3	
53-54	T	T	.0	.0	6.3	4.6	5.3	T	.3	.0	1.0	.3	17.2
54-55	.0	.0	.0	.0	.5	2.3	.5	1.6	.9	T	.0	.3	5.8
55-56	.0	.0	.3	T	1.5	2.0	7.5			.5	.0	.0	
56-57	.0	.0	.0	.0				1.0			.0	.3	
57-58	.0	.3	.0	T		.0	.9		6.2		.0	.3	
58-59	.0	.0	.0	.0						3.0	.0	.0	
59-60	.0	.0	T	3.0	.0	.3	12.0	24.0	5.0	.0	.0	.0	44.0
60-61	.0	.0	.0	T	3.0	17.0		11.0	3.0	.0	.0	.0	
61-62	.0	.0	.0	.0						.0	.0	.3	
62-63	.0	.0	.0	.0		T		T		.0	.3	.0	
63-64	.0	.0	.0	.0	.0						.0	.3	
64-65	.0	.0	.0	.0	T					.0	.0	.0	
65-66	.0	.0	.0	.0	.0				.0	.0	.0	.3	
66-67	.0	.0	.0	.0	.0			1.3	.3	.0	.0	.0	
67-68	.0	.0	.0	.0	.0	11.5	.5	5.5	6.5	.3	.0	.3	24.3
68-69	.0	.0	.0	.0	T	5.0	T	T	12.0	.0	.0	.3	17.0
69-70	.0	.3	.0	5.0	2.0	T	2.0	.0	13.0	3.0	.0	.3	25.0

CLIMATOLOGY REPORT NO. 77-1

OTIS

05 6192 3

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)									
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET			MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW											
JAN												.25	.52	1960	14	4.0	7.	1966	22	1.2	.1	0.0
FEB												.30	.39	1965	11	4.1	8.	1960	4	.9	0.0	0.0
MAR												.57	.67	1959	25	6.8	8.	1959	26	2.3	.1	0.0
APR												.94	.84	1952	21	2.9	5.	1957	3	2.6	.3	0.0
MAY												2.63	1.74	1957	16	.5	6.	1954	1	6.2	1.8	.4
JUN												2.99	2.52	1962	30	0.0	0.	0	0	5.6	2.0	.8
JUL												2.75	2.46	1968	31	0.0	0.	0	0	6.2	2.0	.5
AUG												1.61	1.78	1956	11	0.0	0.	0	0	3.2	1.1	.4
SEP												1.09	1.37	1951	7	.3	0.	0	0	2.6	.6	0.0
OCT												.91	1.22	1965	19	2.5	10.	1969	12	2.1	.5	.2
NOV												.49	1.00	1956	2	4.8	12.	1956	20	1.1	.2	.1
DEC												.30	.36	1953	8	3.7	10.	1952	13	1.2	0.0	0.0
ANNUAL												14.8				30.				35.	9.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.13	.73	1.96	0.00	.36	.04	.08	.02	0.00	10.44
.10	0.00	0.00	.12	.30	.98	1.74	0.72	.51	.08	.14	.04	0.05	11.29
.20	.08	.03	.22	.54	1.36	1.06	1.23	.74	.20	.26	.09	.11	12.38
.30	.12	.05	.31	.47	1.49	1.02	1.64	.96	.31	.30	.09	.15	13.21
.40	.16	.05	.39	.60	2.01	2.37	2.03	1.17	.51	.39	.16	.20	13.94
.50	.21	.11	.49	.76	2.35	2.72	2.44	1.40	.71	.69	.23	.26	14.55
.60	.26	.18	.59	.93	2.77	3.11	2.89	1.65	.96	.88	.23	.31	15.39
.70	.31	.28	.72	1.15	3.17	3.57	3.42	1.96	1.30	1.11	.48	.38	16.20
.80	.39	.30	.88	1.44	3.74	4.16	4.11	2.36	1.78	1.44	.80	.47	17.19
.90	.51	.71	1.15	1.92	5.65	5.08	4.20	3.00	2.61	1.98	1.16	.62	18.63
.95	.62	.92	1.44	2.39	5.49	5.93	4.23	3.60	3.45	2.51	1.53	.76	19.68
ALPHA	2.08	1.26	2.07	1.62	3.06	3.67	2.43	2.43	.86	1.27	.88	1.84	26.50
BETA	.13	.28	.29	.58	0.86	0.81	1.04	.66	1.27	.72	.56	.17	.56
Q	.10	.15	.05	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.09	.42	T	1.67	3.95	4.22	1.49	1.60	3.53	1.75	.30	.39	19.46
1952	.17	.56	.79	1.55	3.56	.37	.74	1.37	1.15	.11	1.18	.33	11.88
1953	.26	.57	.35	1.65	.35	2.08	1.83	2.02	.37	.75	1.39	.61	11.93
1954	.36	T	.94	.21	1.77	1.88	3.20	1.18	.77	.89	.01	.15	11.36
1955	.21	.61	.05	.44	3.18	2.66	1.04	1.66	.69	.31	.22	.01	11.02
1956	.45	.16	.47	.09	1.14	2.63	3.54	3.25	.04	.18	2.49	.50	14.94
1957	.13	T	.63	1.97	4.66	3.29	3.52	.69	.07	1.19	.14	.20	16.49
1958	.11	.53	.98	1.82	2.00	5.01	4.63	2.06	1.21	.41	.22	.53	19.56
1959	.40	.15	1.45	.42	3.11	2.83	.24	2.26	1.51	1.37	.11	T	13.85
1960	.76	1.22	.49	.33	3.21	2.28	2.49	.30	.59	1.84	.59	.56	14.66
1961	T	.15	1.68	.94	2.54	2.08	5.13	.33	2.94	.24	.34	.13	16.56
1962	.30	.17	.39	.26	3.66	6.00	3.46	.58	.61	.57	.17	.30	16.47
1963	.40	.03	.63	.45	.60	1.63	2.34	4.10	1.84	1.08	.62	.22	13.78
1964	T	.31	.38	1.97	1.30	3.22	T	2.17	.21	.08	.39	.07	9.80
1965	.14	.53	.41	.11	3.44	5.11	2.08	.96	2.49	1.74	.03	.73	17.77
1966	.48	.17	.22	1.20	.97	4.86	3.52	1.82	2.26	.50	.20	.13	16.43
1967	.31	T	.18	.96	3.94	3.77	3.25	.36	.49	.49	.42	.37	14.55
1968	.02	.18	.38	.74	3.03	1.29	4.37	2.04	.16	.21	.09	.31	12.82
1969	.23	.20	.23	.72	3.45	2.44	5.80	2.10	.74	3.89	.30	.32	19.72
1970	.10	.01	.84	1.31	2.73	2.19	2.24	1.39	1.27	.66	.88	.12	13.74

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							3.0	9.0	T	2.0	T	T	
51-52	.0	.0	T	5.0	1.0	7.0	1.0	7.0	13.0	.0	T	T	34.0
52-53	T	.0	.0	1.0	11.0	10.0	5.0	7.2	1.0	11.0	T	.0	46.2
53-54	.0	.0	.0	.0	13.0	8.0	5.5	T		1.0	6.0	T	
54-55	T	.0	T	.0	1.0	4.0	4.0	9.0	3.0	T	T	T	21.0
55-56	.0	T	.0	T	4.8	.8	6.1	2.0	5.0	2.0	.0	.0	20.7
56-57	.0	.0	.0	1.0	27.5	6.0	3.5	T	6.5	8.0	.0	.0	52.5
57-58	.0	.0	.0	1.0	2.0	1.0	2.0	8.0	18.9	8.0	.0	.0	40.9
58-59	.0	.0	.0	3.0	5.5	6.2	10.0	4.5	11.0	2.0	.0	.0	42.2
59-60	.0	.0	5.0	11.0	2.0	T	11.0	10.5	8.0	T	.0	.0	47.5
60-61	.0	.0	.0	T	2.0	5.0	T	3.5	15.0	15.0	.0	.0	40.5
61-62	.0	.0	.0	.0	3.0	3.0	6.0	2.5	2.5	.0	.0	.0	17.0
62-63	.0	.0	.0	.0	3.5	3.0	5.0	T		T	.0	.0	
63-64	.0	.0	.0	.0	6.5	3.0	T	5.0	11.0	4.0	.0	.0	29.5
64-65	.0	.0	.0	.0	1.0	T	2.0	6.5	6.0	.0	.0	.0	15.5
65-66	.0	.0	T	.0	.5	5.0	8.5	2.0	3.0	T	1.0	.0	20.0
66-67	.0	.0	.0	6.0	1.0	2.0	3.0	T	4.0	1.0	4.0	.0	21.0
67-68	.0	.0	.0	.0	4.0	3.5	T	1.0	3.5	2.0	T	.0	12.0
68-69	.0	.0	.0	.0	1.0	4.5	4.0	3.5	3.0	.0	.0	.0	15.0
69-70	.0	.0	.0	19.0	1.0	1.0	1.0	T	10.0	2.2	.0	.0	34.2

CLIMATOLOGY REPORT NO. 77-1

OURAY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEANS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	38.8	15.7	27.2	60.	1969	7	-22.	1963	13	0.0	6.8	30.4	1.9	1.52	.70	1957	13	24.8	31.	1958	28	5.1	.5	0.0
FEB	40.3	17.2	28.8	60.	1963	5	-21.	1951	1	0.0	5.3	27.4	1.8	1.68	1.10	1968	22	26.0	38.	1958	14	6.4	.4	.1
MAR	44.7	21.4	33.0	66.	1966	31	-7.	1965	3	0.0	3.2	28.7	.4	1.68	.76	1960	14	24.6	42.	1964	25	6.4	.3	0.0
APR	54.4	29.6	42.0	74.	1962	19	9.	1970	20	0.0	.1	18.6	0.0	1.71	.81	1966	19	11.0	29.	1964	2	5.0	.8	0.0
MAY	64.5	38.1	51.3	84.	1956	31	18.	1953	2	0.0	0.0	5.1	0.0	1.59	1.04	1962	27	.8	4.	1961	13	4.9	.5	.1
JUN	74.5	44.7	59.6	92.	1954	22	29.	1954	7	.1	0.0	.4	0.0	.99	1.36	1969	24	0.0	0.	0	0	3.2	.2	.1
JUL	79.0	51.1	65.1	91.	1960	26	33.	1968	1	.2	0.0	0.0	0.0	2.32	1.33	1967	31	0.0	0.	0	0	7.1	.9	.1
AUG	76.4	50.0	63.2	90.	1958	13	35.	1968	24	.1	0.0	0.0	0.0	2.45	1.12	1964	11	0.0	0.	0	0	8.5	.6	.1
SEP	71.0	45.7	57.4	87.	1955	4	25.	1965	21	0.0	0.0	1.1	0.0	1.85	1.29	1970	6	.3	4.	1959	29	5.4	1.1	.1
OCT	60.7	34.6	47.7	77.	1963	2	13.	1970	28	0.0	.1	10.3	0.0	2.13	1.95	1969	3	6.5	12.	1969	4	5.2	1.4	.4
NOV	46.9	24.2	35.6	66.	1967	12	-4.	1957	22	0.0	2.0	25.0	.3	1.69	1.07	1970	13	18.9	22.	1964	18	5.2	.7	.1
DEC	36.5	17.3	28.4	60.	1955	23	-6.	1961	12	0.0	6.3	30.1	1.1	1.45	1.20	1966	7	21.5	26.	1967	20	4.4	.5	.1
ANNUAL	57.6	32.3	45.0							0.	24.	177.	5.	21.1				134.				67.	8.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.58	.63	.62	.73	.46	.13	.85	.76	.21	.27	.57	.49	14.92
.10	.72	.78	.78	.89	.63	.21	1.06	.99	.35	.44	.73	.62	16.10
.20	.92	1.01	1.00	1.10	.89	.35	1.38	1.34	.60	.74	.97	.82	17.63
.30	1.09	1.20	1.19	1.28	1.05	.49	1.64	1.65	.86	1.04	1.16	1.00	18.78
.40	1.25	1.38	1.37	1.44	1.24	.63	1.89	1.93	1.14	1.36	1.55	1.16	19.81
.50	1.41	1.56	1.55	1.61	1.43	.79	2.15	2.20	1.31	1.56	1.77	1.33	20.80
.60	1.59	1.76	1.75	1.79	1.65	.98	2.43	2.55	1.45	1.70	1.97	1.46	21.83
.70	1.79	1.98	1.98	2.00	1.90	1.21	2.75	2.94	1.61	1.92	2.22	1.61	22.96
.80	2.05	2.28	2.28	2.26	2.23	1.52	3.16	3.44	1.87	2.26	2.54	1.84	24.34
.90	2.45	2.73	2.73	2.66	2.74	2.03	3.80	4.21	2.89	3.28	3.64	2.44	26.33
.95	2.81	3.14	3.14	3.02	3.22	2.53	4.39	4.93	4.88	5.46	6.04	2.84	28.05
ALPHA	4.75	4.59	4.54	5.82	3.38	1.60	4.41	3.50	1.45	1.58	3.93	3.89	27.51
BETA	.32	.37	.37	.29	.47	.62	.53	.70	1.27	1.35	.43	.37	.77
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.48	1.35	.91	1.60	1.01	.34	1.75	1.62	1.17	1.53	1.34	2.52	16.72
1952	1.56	1.51	2.05	2.39	1.92	.09	2.95	3.42	1.63	.74	1.19	1.25	20.01
1953	1.79	.58	1.40	2.31	2.57	.87	4.25	1.90	.11	2.52	2.32	1.43	22.10
1954	.35	.75	.94	.41	2.27	.71	3.32	.84	2.84	1.42	1.45	.69	15.96
1955	1.50	1.15	1.65	1.88	2.83	.98	1.81	3.36	.63	.50	1.78	1.26	19.93
1956	2.39	1.25	1.02	1.32	1.06	.68	1.86	1.46	.15	1.33	1.19	.91	14.62
1957	2.13	1.67	2.53	2.86	3.47	1.77	3.16	3.35	.19	2.77	4.12	.53	29.52
1958	1.68	3.44	1.65	1.85	.75	.18	.65	2.05	2.67	1.54	1.78	.65	18.90
1959	1.37	1.44	2.50	1.70	.95	.37	.89	3.35	2.10	2.23	.79	1.07	18.45
1960	1.40	2.57	2.92	1.33	1.14	.63	.84	.28	1.71	2.03	1.26	1.44	17.55
1961	.49	1.68	2.92	1.94	1.16	.52	1.37	2.61	3.52	3.60	2.17	1.29	23.27
1962	1.54	2.11	1.27	2.30	1.80	.40	2.16	1.10	2.38	2.79	1.31	.63	19.76
1963	1.85	2.36	1.45	.64	.53	1.27	2.30	2.74	1.31	3.27	1.21	1.41	20.14
1964	2.03	1.82	2.32	1.53	1.87	.91	1.72	4.25	2.60	.28	3.52	1.46	24.36
1965	1.76	1.74	2.10	1.56	3.20	1.24	3.61	3.09	3.79	2.14	1.29	1.91	27.37
1966	1.02	1.06	.52	1.53	1.08	1.40	2.29	2.35	1.03	.86	.89	3.05	17.05
1967	1.01	1.50	.68	1.04	1.73	1.33	3.67	2.31	1.72	1.45	.52	3.63	20.59
1968	.85	2.87	.67	2.57	1.18	.23	3.70	2.70	.49	1.77	1.15	1.85	23.03
1969	2.32	2.26	1.78	1.14	.77	4.23	2.58	1.50	2.60	5.31	1.10	1.18	27.47
1970	.98	.44	2.23	2.32	.42	1.66	1.52	4.16	4.42	4.40	3.49	.88	26.92

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							39.5	32.0	23.0	3.0	.0	.0	
51-52	.0	.0	.0		18.5	44.8	25.0	35.1	40.5	6.5	T	.0	
52-53	.0	T	.0	.0		24.5	31.0	8.5	15.5	13.5	4.5	.0	
53-54	T	.0	.0	.0	14.0	28.0	10.5	13.0	8.5	T	T	.0	
54-55	T	.0	.0	T	15.0	5.5	26.6	23.0	35.5	17.5	T	.0	120.1
55-56	.0	.0	.0	2.5	25.5	18.5	31.8	18.2	20.0	12.5	2.0	.0	131.0
56-57	.0	.0	.0	2.5	23.5	19.0	33.0	2.0	33.5	37.5	T	.0	151.0
57-58	.0	.0	.0	.3	37.3	7.9	33.5	48.5	20.3	14.0	.0	.0	162.3
58-59	.0	.0	.0	8.0	25.5	12.0	28.5	27.0	42.5	14.0	.0	.0	157.5
59-60	.0	.0	4.0	11.0	9.0	17.0	22.5	50.0	29.5	2.0	2.0	.0	147.0
60-61	.0	.0	.0	.0	12.0	30.0	9.0	34.0	34.0	15.5	4.0	.0	138.5
61-62	.0	.0	1.0	11.0	35.0	24.0	34.0	25.0	13.0	3.0	T	.0	151.0
62-63	.0	.0	.0	T	11.0	9.0	15.0	21.0	13.0	T	.0	.0	75.0
63-64	.0	.0	.0	4.0	12.0	25.0	34.5	34.5	40.5		.0	.0	
64-65	.0	.0	.0	.0	41.0	16.0	30.6	27.1	28.3	5.0	T	.0	148.0
65-66	.0	.0	T	5.5	8.0	17.9	26.7	21.4	7.6	13.0	T	.0	100.1
66-67	.0	.0	.0	3.3	10.0	18.9	17.2	27.7	3.6	10.3	2.5	.0	93.5
67-68	.0	.0	.0	8.0	6.8	52.9	16.0	32.7	7.7	23.0	.5	.0	145.6
68-69	.0	.0	.0	3.9	13.6	26.3	16.8	38.0	31.4	T	.0	T	130.0
69-70	.0	.0	.0	21.5	10.8	18.5	15.0	7.0	32.0	18.4	.0	.0	123.2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.4	41.8	45.5	54.2	64.3	73.1	82.4	77.5	75.7	59.3	44.8	37.1	57.9
1952	37.7	37.5	40.3	55.2	64.8	76.4	78.5	75.7	72.2	67.4	42.1	38.3	57.3
1953	44.4	39.6	47.9	52.4	58.4	77.7	79.9	75.0	75.5	51.3	50.5	37.1	59.3
1954	44.0	48.6	44.2	62.9	67.9	77.4	78.9	78.3	71.3	61.9	51.8	41.3	60.7
1955	34.7	34.9	44.8	52.6	62.6	72.1	81.5	78.1	75.7	64.4	46.1	43.2	57.6
1956	43.4	35.9	49.3	55.0	68.7	79.2	79.8	76.5	78.4	63.5	43.4	40.3	59.6
1957	37.9	45.4	46.9	52.2	58.3	73.9	76.4	75.4M	72.0	57.3	41.5	43.1	56.8*
1958	38.1	44.9	42.6	52.7	70.2	78.7	81.3	82.3	71.3	62.6	49.4	45.7	60.0
1959	41.5	40.1	46.2	50.0	65.0	79.6	83.3	75.1	73.1	58.0	49.5	41.5	58.8
1960	35.2	35.0	48.4	57.6	64.4	77.4	83.4	82.2	73.7	59.4	49.9	38.4	58.8
1961	40.5	41.5	44.8	54.0	65.6	76.1	78.5	75.3	64.7	59.3	43.3	35.3	56.6
1962	37.2	42.1	41.8	59.6	63.5	72.7	75.3	77.5	70.4	63.0	50.2	43.2	58.1
1963	35.1	43.9	44.8	55.8	68.5	73.5	80.0	73.5	73.1	65.9	49.6	35.1	58.6
1964	35.4	33.4	38.6	50.2	63.8	71.9	78.9	72.8	67.2	63.8	43.5	38.0	54.8
1965	39.1	38.5	39.1	52.5	60.1	70.1	74.7	74.1	64.0	61.7	49.2	40.3	55.3
1966	35.3	34.5	49.5	56.1	66.3	73.1	79.5	77.1	71.1	59.0	50.6	35.4	57.3
1967	38.9	41.0	51.4	54.8	61.0	69.7	76.8	75.3	69.4	63.3	50.3	34.2	57.2
1968	38.1	41.5	46.1	48.1	61.4	75.5	75.4	70.5	68.7	61.7	43.2	37.4	55.6
1969	41.4	39.3	45.8	57.5	68.7	69.5	78.2	78.5	69.6	49.3	44.8	39.3	56.5
1970	38.4	44.7	40.8	48.8	66.3	71.3	77.0	76.5	66.8	52.3	45.0	40.0	55.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.4	19.2	21.5	29.8	38.0	41.0	51.8	49.0	41.5	33.5	20.7	16.4	31.5
1952	16.1	13.5	17.6	30.3	38.0	46.9	48.9	50.0	43.9	35.0	19.9	14.9	31.3
1953	19.6	15.1	24.1	28.2	34.3	45.3	50.8	47.1	44.1	35.2	27.5	14.1	32.2
1954	20.4	23.1	22.4	34.6	39.5	45.7	52.0	49.1	44.4	35.5	27.3	15.4	34.1
1955	12.5	7.4	18.5	25.7	36.2	42.2	49.8	49.9	43.7	33.4	21.1	21.1	30.1
1956	21.6	11.1	18.4	28.6	38.0	46.2	47.9	46.7	44.9	36.0	17.5	14.9	31.0
1957	17.3	24.8	23.8	29.2	35.5	43.7	49.9	50.4M	41.6	36.3	19.4	16.3	32.6*
1958	14.5	22.5	19.6	27.6	39.5	47.2	49.7	51.5	45.5	35.3	25.0	22.6	33.4
1959	16.7	17.8	21.0	30.3	40.3	48.0	51.9	50.3	43.2	33.6	23.0	19.9	33.0
1960	13.2	11.3	24.5	31.2	37.2	45.7	51.1	51.3	46.1	34.4	25.8	16.4	32.4
1961	14.5	19.6	24.4	27.9	38.8	47.9	51.8	52.5	40.2	33.7	22.4	15.3	32.3
1962	12.5	22.6	19.5	33.1	38.0	44.7	49.1	50.2	45.3	36.2	29.6	20.7	33.5
1963	11.3	21.9	22.9	32.1	41.9	44.3	53.8	51.9	47.4	43.4	26.5	16.2	34.2
1964	11.5	10.4	17.1	27.9M	39.5M	43.6	53.3	49.0	43.5	36.4	23.0	16.5	31.0*
1965	18.6	16.8	17.9	30.1	36.0	42.3	50.5	48.8	41.1	35.2	29.2	21.2	32.3
1966	12.1	12.3	24.0	29.5	39.4	45.0	53.0	50.5	44.8	33.9	29.2	15.6	32.4
1967	16.2	17.5	29.6	31.3	35.8	43.0	52.2	43.6	44.1	33.5	27.1	12.3	32.7
1968	13.9	20.3	22.5	29.1	35.7	44.4	50.3	47.0	41.6	35.2	22.7	14.6	31.2
1969	19.2	16.1	17.8	32.8	40.3	42.5	52.9	53.3	45.9	29.8	22.1	26.4	32.8
1970	16.4	21.8	20.2	24.7	38.6	43.8	51.2	52.6	41.8	29.7	25.5	18.1	32.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.9	33.5	33.5	42.0	51.2	57.1	67.3	63.3	58.6	46.4	32.8	26.3	44.7
1952	26.9	25.6	28.8	43.0	51.4	62.7	63.7	62.9	58.1	51.2	31.0	26.6	44.3
1953	32.0	27.4	36.0	43.3	46.7	61.5	65.4	61.1	59.3	48.3	39.0	25.7	45.3
1954	32.2	35.9	33.3	48.8	53.7	61.6	65.5	63.7	57.7	43.7	33.6	28.2	47.4
1955	23.6	21.2	31.7	39.2	49.4	57.2	65.7	64.0	59.7	48.9	33.6	32.2	43.9
1956	32.5	24.0	33.7	41.8	53.4	62.7	63.9	61.6	61.7	49.8	30.5	27.5	45.3
1957	27.6	35.6	35.4	40.7	47.2	58.8	63.2	62.9 ^M	56.8	46.8	30.5	31.0	44.7*
1958	26.3	31.7	31.1	43.2	54.9	63.3	65.5	66.9	58.4	49.0	37.2	34.2	46.7
1959	29.3	29.0	33.6	43.2	52.7	63.3	67.6	62.7	56.7	45.8	36.3	31.7	45.9
1960	24.2	23.2	36.5	44.4	50.8	61.6	67.3	66.8	59.9	46.9	37.9	27.4	45.6
1961	27.5	30.1	34.6	41.0	52.2	62.0	65.2	63.9	52.5	46.5	32.9	25.3	44.5
1962	24.9	32.4	30.7	46.4	50.8	58.7	62.5	63.9	57.9	49.6	40.0	32.3	45.8
1963	23.2	32.9	33.9	44.0	55.2	58.9	66.9	62.7	63.3	53.2	36.1	27.7	46.4
1964	23.5	21.9	27.9	39.1 ^M	51.7 ^M	57.8	66.1	60.9	55.4	50.1	33.3	27.3	42.9*
1965	28.9	27.7	28.5	41.3	48.1	56.2	62.6	61.5	52.6	48.5	39.2	31.0	43.8
1966	23.7	23.4	36.8	42.8	53.1	59.1	65.8	63.8	58.0	46.5	39.9	26.0	44.9
1967	27.6	29.3	40.5	43.1	48.4	56.4	64.5	62.6	56.8	48.4	38.6	23.1	44.9
1968	26.0	30.9	34.3	37.1	48.6	60.0	62.9	58.8	55.3	48.5	33.0	26.0	43.5
1969	30.3	27.7	29.3	45.4	54.5	56.0	65.6	65.9	57.8	39.8	33.5	30.2	44.7
1970	27.4	33.3	30.5	36.8	52.5	57.6	64.1	64.6	54.3	41.0	35.3	29.1	43.9

SEASON: JUL

50-51
51-52
52-53
53-54
54-55

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

55-56
56-57
57-58
58-59
59-70

CLIMATOLOGY REPORT NO. 77-1

PAGOSA SPRINGS

05 6258 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN NO OF DAYS						SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	.10 OR MORE	.50 OR MORE									1.00 OR MORE		
JAN	38.4	2.9	23.7	61.	1956	10	-42.	1963	13	0.0	6.1	30.9	12.7	1.98	1.58	1957	27	31.4	35.	1957	29	5.2	.9	.2		
FEB	42.1	6.6	24.4	64.	1958	21	-46.	1951	1	0.0	2.7	28.1	8.3	1.05	.72	1959	9	21.1	36.	1969	22	4.0	.3	0.0		
MAR	48.0	14.4	31.2	72.	1966	31	-25.	1966	4	0.0	1.3	30.7	2.5	1.34	1.00	1954	23	19.3	29.	1969	11	4.4	.2	.1		
APR	58.8	22.8	40.8	76.	1954	19	2.	1970	2	0.0	0.0	27.3	0.0	1.24	1.13	1958	8	4.8	8.	1970	1	3.7	.4	.1		
MAY	68.5	30.3	49.5	87.	1956	31	8.	1967	1	0.0	0.0	20.5	0.0	1.12	1.22	1955	8	1.4	0.	0	0	4.0	.3	.1		
JUN	78.4	36.6	57.5	93.	1954	18	18.	1951	4	.6	0.0	7.4	0.0	.72	1.13	1952	3	0.0	0.	0	0	2.4	.1	0.0		
JUL	82.7	45.5	64.1	93.	1958	11	27.	1956	5	1.1	0.0	.4	0.0	1.80	1.35	1967	17	0.0	0.	0	0	5.4	.9	.2		
AUG	80.7	44.6	62.7	92.	1958	2	28.	1964	21	.5	0.0	1.0	0.0	2.54	1.33	1963	10	0.0	0.	0	0	7.5	1.1	.1		
SEP	74.5	36.3	55.3	98.	1955	6	20.	1970	26	.2	0.0	8.9	0.0	1.89	1.51	1970	5	.1	0.	0	0	4.7	1.1	.4		
OCT	64.8	26.5	45.7	82.	1958	15	5.	1955	28	0.0	.1	25.0	0.0	1.88	1.75	1959	1	3.8	10.	1961	30	3.7	1.4	.4		
NOV	49.7	16.3	33.1	68.	1967	13	-25.	1952	29	0.0	1.1	29.3	1.3	1.40	1.20	1965	25	12.0	16.	1964	15	3.5	.7	.2		
DEC	39.6	6.4	23.0	62.	1958	1	-32.	1961	12	0.0	6.8	30.9	8.6	2.10	2.77	1955	2	30.1	40.	1967	21	4.6	1.2	.2		
ANNUAL	60.4	23.9	42.0							2.	18.	240.	33.	19.0				124.				53.	9.	2.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.23	.17	.22	.31	.12	0.00	.29	1.06	.06	0.00	.35	.26	12.15
.10	.38	.26	.34	.42	.20	.06	.44	1.79	.15	0.00	.48	.43	14.45
.20	.66	.41	.53	.60	.35	.17	.71	1.62	.34	.48	.69	.73	16.43
.30	.93	.56	.72	.77	.51	.28	.95	1.88	.58	.89	.87	1.02	18.78
.40	1.23	.71	.91	.93	.68	.39	1.21	2.13	.87	1.24	.05	1.33	21.31
.50	1.56	.87	1.11	1.09	.87	.53	1.49	2.39	1.22	1.60	.23	1.67	25.36
.60	1.94	1.05	1.35	1.28	1.04	.69	1.80	2.66	1.66	1.99	.44	2.08	29.95
.70	2.42	1.28	1.63	1.51	1.37	.89	2.19	2.98	2.24	2.44	.69	2.57	35.36
.80	3.05	1.58	2.01	1.80	1.75	1.17	2.71	3.37	3.07	3.05	.02	3.24	42.95
.90	4.13	2.07	2.63	2.26	2.38	1.64	3.55	3.98	4.51	4.00	.53	4.35	55.36
.95	5.17	2.53	3.22	2.70	2.99	2.10	4.36	4.53	5.98	4.90	3.02	5.41	77.47
ALPHA	1.49	1.88	1.90	2.68	1.39	1.21	1.86	5.56	.86	2.18	2.74	1.56	16.70
BETA	1.33	.56	.70	.46	.80	.63	.97	.46	2.21	1.01	.51	1.35	1.15
Q	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHARP PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.83	.67	.89	1.17	.57	.00	.14	3.21		1.54	1.22	5.26	
1952	3.69	.41	1.46	2.17D		1.25	.92	1.69	1.62	.93	2.52	.93	
1953	1.11	.50	2.09	1.91	1.16	.73	2.78	1.92	.01	2.57	1.31	.84	17.43
1954	1.46	.34	2.60	.54	2.01	.16	1.18	3.57	2.14	1.04	.79D	.63	15.93*
1955	1.03	1.41	.07	.97	2.15	.16	.93	3.22	.97	T	1.78	3.65	16.31
1956	4.54	.72	.97	1.54	.56	.37	1.78	1.49	.01	1.47	.24	.46	13.45
1957	7.79	.90	1.14	2.18	3.43	.45	5.78	3.59	.09	4.78	2.34	1.39	33.86
1958	1.42	1.63	2.89	2.01	.67	.47	.80	2.34	1.86	1.46	1.28	.22	16.75
1959	.20	1.90	.21	2.01	1.29	1.13	1.17	2.75	2.47	4.76	.47	3.24	21.41
1960	1.80	1.87	1.46	.67	1.63	.63	.69	.83	1.31	2.10	.68	2.01	15.68
1961	.82	.55	2.96	.82	.26	.31	2.72	2.33	2.98	4.46	.72	2.30	20.93
1962	.82	2.02	1.29	.45	.38	.04	.93	1.17	2.25	2.65	2.32	1.07	15.39
1963	2.14	1.96	.95	.93	.02	.38	.36	4.24	2.31	2.47	.85	.41	17.02
1964	.65	.68	1.08	1.34	.76	.05	1.43	2.59	1.1	.03	2.54	3.85	16.86
1965	2.46	1.14	1.08	2.17	1.25	.98	4.13	1.31	3.15	1.74	2.75	4.93	27.09
1966	.67D	1.00	.41	.42	1.16	1.10	1.34	1.92	.78	.31	1.24	4.88	15.23*
1967	1.24	.05	.91	.13	1.10	1.53	2.80	4.97	1.86	.46	.32	2.25	17.52
1968	1.11	.94	.69	1.32	1.06	.28	2.26	3.76	.69	.59	1.34	1.44	15.48
1969	4.54	2.14	.73	.59	1.76	2.80	2.49	2.33	3.75	3.41	1.06	.53	26.18
1970	.25	.19	2.86	1.55E	.13	1.64	2.04	2.60	5.68	1.76	1.72	1.81	22.23*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							22.0				.0	.0	
51-52	.0	.0	.0	.0	4.0		17.0	8.0			.0	.0	
52-53	.0	.0	.0	.0						T		.0	
53-54	.0	.0	.0	.0	6.5						.0	T	
54-55	.0	T	.0	.0		8.1	20.5	16.6	2.2	6.4	.0	T	
55-56	T	T	.0	.0	8.5	7.1	58.5	3.6	12.4	6.0	.0	.0	102.1
56-57	.0	.0	.0	2.0	9.0	10.0	106.9	5.0		18.0	9.0	.0	
57-58	.0	.0	.0	.0	34.0	20.0	27.0		30.1	13.5	.0	.0	
58-59	.0	.0	.0	.0	11.0	3.0	6.0	34.0	2.5		T	.0	
59-60	.0	.0	3.0	17.0		41.0	39.2	48.0	15.5	T	6.0	.0	
60-61	.0	.0	.0	2.0	7.0	27.5	12.0	9.5	36.0	.0	.0	.0	94.0
61-62	.0	.0	T	31.0	3.1	52.0	25.0	27.0	25.0	.0	.0	.0	163.1
62-63	.0	.0	.0	.0	16.0	12.0	35.0	29.0		2.0	.0	.0	
63-64	.0	.0	.0	.0	5.5	8.0	19.0	22.0		9.0	.0	.0	
64-65	.0	.0	.0	.0	46.0	61.0	30.0	16.0	17.5		T	.0	
65-66	.0	.0	.0	5.0	13.0	61.0		24.5		1.0	.0	.0	
66-67	.0	.0	.0	.0	2.0	29.0	28.0	1.0	5.1	.0	.0	.0	65.1
67-68	.0	.0	.0	3.0		72.0	24.0	25.0	11.0	12.0	2.0	.0	
68-69	.0	.0	.0	.0		53.0	55.0	61.0	31.0	.0	5.0	.0	
69-70	.0	.0	.0	10.0	7.0	12.5	7.0	1.5	43.0		4.0	.0	

T Trace amount
E Estimate

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.5M	41.0M	53.1M	58.3		74.4M	76.0M					32.5M	
1952	34.2M	39.3M	39.6M			81.7M	83.7M	81.4M	75.8M	69.6M	41.7M	29.3	
1953	39.4M	41.2M	50.0M	58.1M	62.7M	81.4M	81.9M	80.5M	78.8M	63.7M	49.2M	34.3	60.1*
1954	38.6M	45.1M	42.1	65.3	68.9	80.6M	84.8M	81.0M	75.8M	67.5M	56.3	39.3M	62.1*
1955	33.3M	35.6M	48.6M	57.8M	67.0M	78.6M	82.7M	83.2	79.5	72.1M		43.5	
1956	46.5M	40.9	54.2	60.6	73.5M	83.5M	84.7	80.1M	81.2	67.1	50.8	45.4	64.0*
1957	39.1	48.7	50.6	56.0	61.6M	80.3M	81.4	80.0M	76.5	60.9	44.5	44.7	60.4*
1958	44.3	49.5M	45.4	57.5	73.8	81.9M	85.2	85.1M	75.9	66.7	51.5	48.3	63.8*
1959	42.0	40.4	50.3	59.9	67.7	81.1	85.6M	80.1	74.0M	61.5	51.3	43.9	61.5*
1960	34.9	35.2	50.5M	60.8	66.8	78.2	83.0M	83.6M	76.7	61.5M	51.2M	37.9	60.0*
1961	41.8	43.6	47.1M	58.3	70.2	80.8	82.2M	79.6	68.7	61.4	44.7	34.7	59.4*
1962	36.7	41.1	44.1	63.2	69.0M	79.5M	81.9	82.6M	73.6	65.0M	50.5M	44.6M	61.0*
1963	32.5	45.1M	47.8	58.8	72.6	76.8	83.8	79.2	76.5	68.0M	52.4	42.3	61.3*
1964	37.8	37.7M	43.2	55.9	68.4	77.1	83.9	79.5	72.5M	69.0	47.3	35.7	59.0*
1965	38.2	40.6	43.4M	56.4	64.9	73.5	80.8	78.8	68.0	67.8	51.9	40.8M	58.8*
1966	35.3	36.5	52.6	61.0M	72.1M	76.8	84.3	81.5	75.4	66.0	52.8	39.8	61.2*
1967	37.6	44.3	56.0	59.7	67.9	73.3	81.6	76.9	73.1	66.3	55.1	36.2	60.7
1968	40.8	46.3	51.8	54.6	66.0	79.3M	80.5	75.2	72.9	65.4	45.3	36.3	59.5*
1969	38.7	40.5	43.5	61.3M	70.4	73.0	82.1	82.8M	72.7	55.5	49.7	42.6	59.4*
1970	36.6	49.8	45.3	53.9M	70.3	75.5M	82.4	81.5	68.8	56.1	48.8	39.2	59.2*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 4.6M	- 2.5M	9.1M	17.5		25.6M	37.8M	42.4M				- .4M	
1952	.6M	.6M	10.0M			41.4M	49.4M	47.2M	37.8M	22.1M	8.5M	- .5	
1953	- .1	.9M	15.5M	21.4M	30.0M	39.5M	49.6M	43.7M	32.4M	26.3M	17.6M	.2	23.1*
1954	2.7M	9.4	14.3	24.3	34.5	36.2M	49.9M	43.5M	38.8M	30.4M	14.0M	4.0M	25.2*
1955	- 2.0M	.9M	11.1M	20.9M	29.9M	35.8M	42.2M	47.0M	33.2	20.2	12.4M	6.0	21.5*
1956	12.1M	1.0M	11.3	20.3	26.6M	35.3M	38.1	34.3M		24.1	8.9	1.1	
1957	11.3	13.6	16.2	22.2	31.7M	37.3M	48.3	47.2M	31.7	32.7	17.5	7.4	26.4*
1958	4.3	13.5M	18.3	23.2	32.7	35.8M	40.5	46.2M	38.9	24.2	16.6	10.9	25.6*
1959	4.6	9.4	15.3	24.4	31.0	40.7	43.6M	47.8	32.7M	26.2	14.7	12.3	25.2*
1960	- 1.0	.5	16.2M	23.7	28.3	37.1	42.8M	41.3M	39.0	29.2M	17.3M	9.7	23.6*
1961	1.5	10.1	17.8M	22.9	31.3	39.5	45.0M	48.3	36.3	26.0	19.7	2.1	25.0*
1962	1.0	16.1	11.4	26.8	29.5M	36.2M	44.1	40.8M	38.9	29.2M	20.7M	12.2M	25.6*
1963	- 1.8	11.6M	16.0	24.1	30.9	35.8	47.3	47.8	40.4	32.0M	18.4	5.3	25.7*
1964	- 4.1M	.9M	10.2	22.0	31.1	34.9		43.8M	39.2	24.9	14.7	5.6	
1965	6.7	3.8	14.9M	26.3	29.8M	35.7	48.0	42.3	35.0	25.5	20.5	13.9M	25.2*
1966	7.0	.6	13.4	22.7M	31.4M	37.8	48.3	44.3	35.9	25.4	21.0	8.9	24.7*
1967	- .5	10.2	22.4	22.4	28.6	37.4	48.0	44.3	38.3	24.2	16.7	6.4	24.9
1968	3.6	13.3	18.1	23.6	28.8	36.6M	46.4	44.5	32.6	27.1	17.5	4.0	24.7*
1969	10.6	5.5	10.9	25.9	31.6	37.3	49.1	47.2M	38.5	27.4	14.9	13.3	26.0*
1970	6.3	14.2	15.6	18.1M	27.5	35.6M	46.0	47.3	34.6	24.9	17.5	5.0	24.4*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	17.0M	19.3M	31.1M	37.5		50.0M	56.9M					16.1M	
1952	17.4M	20.0M	24.8M			61.6M	60.6M	64.3M	56.8M	45.9M	25.1M	14.4	
1953	19.7M	21.1M	32.8M	35.8M	46.4M	60.5M	65.3M	62.1M	55.6M	45.0M	33.4M	17.3	41.6*
1954	20.7M	27.3M	28.2	44.8	51.7	58.4M	67.4M	62.3M	57.3M	49.0M	35.2M	21.7M	43.7*
1955	15.7M	16.3M	29.9M	39.4M	48.5M	57.2M	63.0M	65.1M	55.4	46.2M		24.3	
1956	29.3M	21.0M	32.8	40.5	50.1M	59.4M	61.4	57.2M		45.6	29.9	23.3	
1957	25.2	31.2	33.4	39.1	46.7M	58.9M	64.9	63.6M	54.1	46.8	31.0	26.1	43.4*
1958	24.3	31.5M	31.9	40.4	53.3	58.9M	62.9	65.7M	57.4	46.5	34.1	29.6	44.7*
1959	23.3	24.9	32.8	42.2	49.4	60.9	64.6M	64.0	53.4M	43.9	33.0	28.1	43.4*
1960	17.0	17.4	33.4M	42.3	47.6	57.7	62.9M	62.5M	57.9	45.4M	34.3M	23.8	41.9*
1961													
1961	21.7	26.9	32.5M	40.6	50.8	60.2	63.6M	64.0	52.5	43.7	32.2	18.4	42.3*
1962	18.9	28.6	27.8	45.0	49.3M	57.9M	63.0	61.7M	56.3	47.1M	35.6M	28.4M	43.3*
1963	15.4	28.4M	31.9	41.5	51.8	56.3	65.6	63.5	58.5	50.0M	35.4	23.3	43.5*
1964	16.9M	19.3M	26.7	39.0	49.8	56.0		61.7M	55.9M	47.0	31.0	20.7	
1965	22.5	22.2	29.2M	41.4	47.4M	54.6	64.4	63.6	51.5	46.7	36.2	27.4M	42.0*
1966	21.2	18.6	33.0	41.9M	51.8M	57.3	66.3	62.9	55.7	45.7	36.9	24.4	43.0*
1967	18.6	27.3	39.2	41.1	48.3	55.4	64.8	60.6	55.7	45.3	35.9	21.3	42.5
1968	22.2	29.8	35.0	39.1	47.4	58.0M	63.5	59.9	52.8	46.3	31.4	20.2	42.1*
1969	24.7	23.0	27.2	43.6M	51.0	55.2	65.6	65.0M	55.6	41.5	32.3	28.3	42.7*
1970	22.5	32.0	30.5	36.0M	48.9	55.6M	64.2	64.4	51.7	40.5	33.2	22.1	41.8*

SEASON-- JUL

50-51

51-52

52-53

53-54

54-55

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PALISADE 1S

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEAR'S			EXTREMES						MEAN NO OF DAYS						SNOW, SLEET				MEAN NO OF DAYS				
										MAX			MIN			MEAN		GREATEST		MAX. DEPTH ON GROUND				
	AVERAGE	AVERAGE	AVERAGE	RECORD	YEAR	DAY	RECORD	YEAR	DAY	90	52	52	0	MEAN	GREATEST	YEAR	DAY	MEAN	MAX. DEPTH	YEAR	DAY	.10	.50	1.00
MAXIMUM	MINIMUM	MONTHLY	HIGHEST			LOWEST			OR ABOVE	OR BELOW	OR BELOW	OR BELOW		DAY				ON GROUND			OR MORE	OR MORE	OR MORE	
JAN	39.9	18.6	29.3	64.	1956	8	-20.	1963	12	0.0	5.8	29.5	1.1	.49	.75	1956	16	4.7	8.	1957	5	2.2	.1	0.0
FEB	47.1	24.8	35.9	73.	1961	12	-12.	1951	1	0.0	1.6	23.5	.5	.61	.90	1962	13	1.9	5.	1955	18	2.2	.1	0.0
MAR	55.3	31.2	43.3	77.	1956	24	9.	1952	23	0.0	.3	16.8	0.0	.77	.87	1953	30	3.1	2.	1956	14	2.5	.3	0.0
APR	66.3	40.1	53.2	86.	1969	23	23.	1955	4	0.0	0.0	4.4	0.0	.82	1.30	1965	27	0.0	0.	0	0	2.6	.3	.1
MAY	77.6	49.6	63.6	96.	1956	31	30.	1968	7	2.0	0.0	0.0	0.0	.72	.65	1961	5	0.0	0.	0	0	2.4	.2	0.0
JUN	87.9	57.6	72.8	105.	1954	23	39.	1954	7	14.5	0.0	0.0	0.0	.54	1.04	1969	24	0.0	0.	0	0	1.8	.2	.1
JUL	94.3	64.1	79.2	104.	1960	27	45.	1969	1	27.1	0.0	0.0	0.0	.55	.58	1967	18	0.0	0.	0	0	1.8	.2	0.0
AUG	90.9	61.8	76.3	103.	1970	4	45.	1968	23	20.6	0.0	0.0	0.0	1.20	1.16	1957	30	0.0	0.	0	0	3.3	.6	.1
SEP	83.1	53.4	68.2	97.	1960	4	29.	1968	17	6.1	0.0	.1	0.0	1.15	1.76	1958	13	0.0	0.	0	0	3.4	.6	.2
OCT	70.8	42.5	56.7	90.	1963	2	24.	1970	28	0.0	0.0	2.1	0.0	.98	1.80	1957	13	0.0	0.	0	0	2.6	.5	.1
NOV	53.8	30.8	42.3	74.	1958	11	5.	1952	27	0.0	.5	16.9	0.0	.74	.85	1953	18	.7	6.	1954	30	2.4	.3	0.0
DEC	41.9	21.0	31.5	65.	1955	24	-7.	1962	28	0.0	3.8	29.2	.4	.54	.70	1966	7	4.0	8.	1967	16	2.0	.1	0.0
ANNUAL	67.4	41.3	54.4							70.	12.	123.	2.	9.1				14.				29.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.05	.19	0.00	0.00	0.00	.31	0.00	0.00	.16	.09	4.40
.10	.11	0.00	.10	.24	.05	.07	.12	.42	0.00	0.00	.23	.14	5.54
.20	.20	.22	.19	.34	.15	.09	.21	.59	.26	.24	.34	.22	7.54
.30	.28	.33	.30	.49	.27	.16	.29	.75	.46	.50	.44	.29	7.37
.40	.35	.43	.42	.60	.47	.25	.37	.90	.66	.68	.54	.37	8.05
.50	.43	.53	.56	.71	.51	.35	.46	1.06	.88	.86	.64	.45	8.77
.60	.51	.64	.72	.84	.67	.48	.55	1.24	1.13	1.05	.76	.55	9.53
.70	.61	.78	.93	.90	.88	.65	.64	1.45	1.45	1.24	.90	.66	10.39
.80	.74	.95	1.19	1.19	1.17	.89	.81	1.72	1.87	1.57	1.08	.82	11.46
.90	.95	1.23	1.73	1.51	1.65	1.31	1.05	2.16	2.57	2.02	1.38	1.06	13.06
.95	1.15	1.48	2.23	1.81	2.14	1.73	1.27	2.57	3.24	2.45	1.66	1.30	14.48
ALPHA	2.35	2.39	1.11	2.51	1.13	.91	2.22	2.81	1.47	2.51	2.43	1.94	9.31
BETA	.22	.28	.70	.33	.67	.63	.43	.87	.87	.46	.31	.28	.98
Q	.05	.10	0.00	0.00	.05	.05	.05	0.00	.10	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.23	.77	.06	.34	.77	.80	.33	1.87	.64	1.21	.21	1.33	6.62
1952	.46	.22	.73	.77	.40	.16	.44	.87	.62	.00	.33	.49	5.49
1953	.46	.23	1.23	1.00	.87	.12	.52	1.44	.00	1.50	1.75	.14	9.26
1954	.14	.55	.44	.76	.55	.94	.34	.34	2.74	1.16	1.63	.21	9.81
1955	.17	.80	.03	1.43	1.12	.20	.67	1.47	.31	.11	.17	.12	6.60
1956	.91	.29	.38	.42	.21	.20	.53	.41	T	.83	.21	.23	4.68
1957	1.41	.32	.94	1.78	2.26	1.05	1.23	2.30	.10	2.74	1.65	.23	16.56
1958	.43	1.06	1.13	.25	.87	.04	.13	.33	2.95	.39	.49	.24	8.37
1959	.19	.59	.29	.92	.05	.12	.12	1.73	1.03	.88	.29	.88	7.05
1960	.59	.92	1.32	.50	.24	.15	T	.39	1.03	.58	.32	.20	6.24
1961	.00	.21	1.84	1.07	1.31	T	.11	1.50	3.47	.94	1.12	.20	11.77
1962	.47	1.76	.11	1.00	.14	.40	.15	.42	1.22	.91	.52	.23	7.23
1963	.40	.51	.98	.28	.01	.470	.77	2.29	1.08	.00	.86	.42	8.07*
1964	.55	.00	.74	.89	.39	.28	.65	1.24	.53	.00	.31	.560	6.74*
1965	.99	.50	.89	2.25	1.56	1.15	1.42	1.40	2.94	1.49	1.01	.79	16.39
1966	.38	1.31	.06	.81	.95	.17	.32	.55	.54	.63	.71	1.27	7.75
1967	.27	.24	.19	.14	1.71	.89	1.15	1.31	.71	.57	.54	1.31	8.73
1968	.10	1.53	.47	.91	.41	.01	.66	1.52	.15	1.30	.56	.45	8.07
1969	1.03	.39	.88	.30	.53	2.45	.23	.93	1.19	2.39	.70	.55	11.71
1970	.59	T	2.72	.61	T	1.22	.66	1.46	1.63	1.31	.85	1.00	12.65

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							4.6	8.5	1.3	T	.0	.0	
51-52	.0	.0	.0	.0	T		.8	3.0	10.1	.0	.0	.0	
52-53	.0	.0	.0	.0		5.0	T				.0	.0	
53-54	.0	.0	.0	.0				T	T	.0	T	.0	
54-55	.0	.0	.0	.0	6.5	T	2.8			T	.0	.0	
55-56	.0	.0	.0	.0		1.8		4.0	5.5	T	.0	.0	
56-57	.0	.0	.0	T	2.3		28.3			T	.0	.0	
57-58	.0	.0	.0	.0						.0	.0	.0	
58-59	.0	.0	.0	.0			2.0		.0	.0	.0	.0	
59-60	.0	.0	.0	.0	.0					.0	.0	.0	
60-61	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	
61-62	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	
62-63	.0	.0	.0	.0	.0	.0		.0		.0	.0	.0	
63-64	.0	.0	.0	.0	.0			.0	14.0	.0	.0	.0	
64-65	.0	.0	.0	.0		1.0			.0	.0	.0	.0	
65-66	.0	.0	.0	.0	.0	T				.0	.0	.0	
66-67	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	
67-68	.0	.0	.0	.0	.0	18.5	2.7		.0	T	.0	.0	
68-69	.0	.0	.0	.0	T	5.8	1.3			.0	.0	.0	
69-70	.0	.0	.0	.0	.0			.0		.0	.0	.0	

* One or more of the months were zero. The annual mean is 11.71.

T Trace, on a day when it fell.

0.00 to 0.09 inches.

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	39.4M	45.6	55.7	66.6	77.0	84.1	95.6	89.5	84.2	68.8	50.3	37.4	66.2*
1952	38.2	42.8	43.5	67.4M	78.6	89.8	93.0	93.5	85.7	77.5	51.4	40.5	67.0*
1953	46.1	48.8	60.8	64.7	72.1	91.4	94.8	90.0	87.5	72.0	56.6	40.8	64.4*
1954	46.5	58.8	56.4M	74.0	80.7	84.5	95.4M	90.6	83.4	71.5	58.7	39.5	70.4*
1955	37.9	36.8	53.2	65.8	77.4	86.2	94.5	91.5	86.6	74.1	49.3	47.9	66.8
1956	48.8	44.7	60.6	68.1	80.5	92.7	93.1	89.5	89.5	73.3	49.1	39.4	69.1
1957	37.3	44.9	57.9	62.3	70.8	86.4	91.3M	83.3	82.8	67.7	47.3	43.8	65.1*
1958	42.9M	51.4	52.2	63.9	81.9	90.4	94.0	94.4	82.9	73.3	55.4	50.0	69.4*
1959	41.9	48.3	57.1	68.5	77.3	92.5	95.4	91.8	80.4	67.7	54.1	44.3	68.3
1960	37.3	39.5	57.6	70.2	77.0	90.9	96.1	93.7	85.5	68.9	55.7	44.1	68.0
1961	47.1	52.3	55.2	65.5	79.1	92.2	94.5	90.9	74.6	68.3	49.8M	35.2	67.1*
1962	37.5	48.7M	53.1	72.1	76.7	86.3	93.1	92.5	83.3	72.9	58.1	44.5	68.3*
1963	25.5	52.9	55.4	66.5	81.4M	88.2M	95.9	88.3	85.2	76.9	56.4	41.3	67.8*
1964	37.9	41.4	48.7	62.4	76.2	84.7	96.2M	87.2M	81.6	75.1	50.4	39.5	65.1*
1965	42.8	45.4	49.4	63.6	73.0	93.5	92.7	90.5	74.7	72.3	59.3	43.5	65.9
1966	37.5	41.1	58.9	67.4	81.9	88.3	96.1	93.6	84.3	69.6	57.6M	42.3	68.3*
1967	37.5	50.4	62.2	65.8	74.0	81.5	93.8	92.7	83.8	73.3	58.1	34.6	67.3
1968	33.2	48.5	58.5	59.6	74.4	89.0	93.1	84.1	82.1	70.4	51.1	33.7	65.2
1969	42.0	44.7	52.7	71.5	82.9	93.6	93.5	94.1	83.9	59.0	52.5	45.0	67.1
1970	40.0	54.6	52.5M	59.9	79.6	86.3	93.8	93.9	79.4	63.3	54.1	44.3	66.8*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	18.6	23.6	32.0	40.9	51.1	55.2	66.3	62.5	52.7	41.7	28.3	17.4	40.9
1952	20.8	22.3	24.2	41.5	50.4	56.6M	58.1	61.5	53.9M	45.8M	28.4	21.5	41.2*
1953	26.0	25.2	32.6	39.7	44.9	59.7	66.9	61.1	55.9	43.8	33.5	20.0	42.5
1954	25.0	30.7	31.3	44.2	51.8	57.9	66.5M	61.3	55.6	44.5	34.0	20.3	43.6*
1955	17.9	14.4	28.6	38.4	48.4	56.4	63.2	63.7	55.3	42.5	28.6	29.1	40.5
1956	29.4	21.2	31.0	42.2	51.3	60.7	63.6	58.9	55.8	43.8	26.2	18.5	41.9
1957	20.0	24.9	33.8	39.1	45.7	55.6	62.5M	63.4	49.5	42.8	26.9	20.1	40.1*
1958	19.1M	23.4	29.0	35.5	49.0	57.1	59.9	63.3	53.2	43.9	31.1	27.5	41.2*
1959	21.5	27.4	31.0	40.5	50.9	59.7	64.1	61.5	52.3	40.5	27.7	24.4	41.5
1960	18.9	22.2	33.3	42.3	49.3	58.5	64.1	60.7	54.9	40.5	30.1	19.9	41.2
1961	16.5	26.1	33.8	40.4	51.4	62.1	65.6M	64.2	47.8	41.8	29.5	16.6	41.3*
1962	15.4	24.9	28.0	42.8	48.2	57.1	61.1	53.4	52.0	42.5	32.8	20.7	40.7
1963	4.5	27.7	30.3	39.6	51.7M	59.3M	65.5	62.9	56.9	49.1	33.1	18.9	41.5*
1964	13.7	16.6	26.4	39.8	49.5	56.5	66.2M	60.5	52.5	43.8	29.5	22.8	39.7*
1965	23.0	24.0	29.8	40.5	47.5	55.0	62.2	53.9	47.1	43.4	36.7	25.5	41.2*
1966	16.4	19.9	32.4	40.0	52.0	58.1	67.4	63.4	54.1	41.6	35.6M	23.5	42.0*
1967	16.5	26.1	34.0	39.5	48.0	56.2	65.6	63.9	54.5	42.3	31.3	14.5	41.4
1968	7.5	31.6	34.5	37.8	47.3	59.5	63.8	59.4	51.5	42.2	30.7	12.3	39.7
1969	21.0	25.1	28.4	42.0	52.7	53.3	64.4	65.0	55.6	37.2	29.5	24.3	41.7
1970	21.1	29.2	31.6M	35.6	49.8	57.2	64.5	64.7	51.4	36.0	31.3	21.9	41.4*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.2M	34.6	43.9	53.8	64.1	69.7	81.0	76.0	68.5	55.3	39.3	27.4	53.6*
1952	29.5	32.6	38.4	54.6M	64.7	73.2M	75.6	76.0	72.3M	61.7M	39.3	33.3	54.1*
1953	36.1	37.0	46.7	52.2	58.5	75.6	80.9	75.6	71.7	57.9	45.1	33.4	55.6
1954	35.8	44.8	44.1M	59.1	66.3	73.2	81.0M	76.0	69.5	58.0	46.4	29.9	57.0*
1955	27.9	25.6	40.9	52.1	62.9	71.3	78.9	77.6	71.0	58.3	39.0	38.5	53.7
1956	39.1	33.0	45.8	55.2	65.9	76.7	79.4	74.2	72.7	58.6	37.7	29.0	55.5
1957	28.7	34.9	45.9	50.7	58.3	71.0	76.9M	74.4	66.2	55.3	37.1	32.0	52.6*
1958	31.0M	40.4	40.6	49.7	65.5	74.0	77.0	77.4	68.1	58.6	43.3	33.5	55.3*
1959	31.7	37.9	44.1	54.5	64.1	76.1	79.8	76.7	65.4	54.2	40.9	34.4	55.1
1960	28.1	30.9	45.5	56.3	63.2	74.7	83.1	77.2	70.2	54.7	42.9	32.0	54.7
1961	31.8	39.2	44.5	53.0	65.3	77.2	80.1M	77.6	61.2	55.1	39.7M	26.4	54.3*
1962	26.5	38.8M	40.6	57.5	62.5	72.0	77.1	76.0	67.7	57.7	45.5	32.7	54.6*
1963	15.0	40.3	42.9	53.1	66.6M	73.8M	83.7	75.6	71.1	62.5	44.8	30.1	54.7*
1964	25.8	23.0	37.6	50.6	62.9	70.6	81.2M	73.9M	67.1	54.5	40.0	31.2	52.5*
1965	32.9	34.7	39.6	52.1	60.3	69.3	77.5	75.2	60.9M	57.9	48.0	34.5	53.6*
1966	27.0	30.5	45.7	53.7	67.0	73.2	81.8	78.5	69.2	55.6	46.6M	33.2	55.2*
1967	27.0	38.3	50.1	52.7	61.0	68.9	73.7	78.3	69.2	57.8	44.7	24.5	54.4
1968	20.4	39.5	46.5	48.7	60.9	74.3	78.5	71.3	65.8	56.3	40.9	25.9	52.5
1969	31.5	34.9	40.6	56.8	67.8	68.5	79.0	80.1	69.8	48.1	41.1	34.9	54.4
1970	30.6	41.9	42.1M	47.8	64.7	71.8	79.2	79.3	65.4	50.7	42.7	33.1	54.1*

SERIAL

50-92

51-92 .0

52-93 .0

53-94

54-95

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PALISADE LAKES GSSE 05 6271 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
										90 OR ABOVE	32 OR BELOW													
JAN	36.2	2.1	19.2	51.	1966	7	-23.	1967	7	0.0	9.7	31.0	12.9	1.85	1.43	1952	18	28.2	57.	1952	26	5.3	.8	.2
FEB	37.4	4.7	21.1	52.	1967	28	-24.	1966	16	0.0	6.4	28.2	11.5	1.17	1.02	1966	8	19.6	52.	1952	1	4.1	.5	.1
MAR	42.6	12.4	27.5	66.	1966	31	-25.	1966	4	0.0	4.6	30.7	3.4	1.57	1.45	1967	5	22.0	58.	1952	2	4.4	.7	.1
APR	51.5	19.3	35.5	69.	1969	22	-4.	1970	4	0.0	0.0	29.1	.8	1.35	1.10	1961	7	10.5	36.	1952	1	4.2	.6	.1
MAY	61.9	28.4	45.2	78.	1967	23	7.	1967	1	0.0	0.0	23.0	0.0	1.14	1.21	1955	8	2.3	4.	1954	1	3.8	.5	.1
JUN	71.3	33.5	52.3	89.	1967	27	14.	1969	25	0.0	0.0	12.2	0.0	1.00	1.53	1952	3	.1	0.	0	0	3.8	.4	0.0
JUL	78.3	41.3	59.8	88.	1966	9	20.	1968	1	0.0	0.0	.9	0.0	2.83	1.87	1957	26	0.0	0.	0	0	8.4	1.4	.5
AUG	74.9	39.0	56.9	88.	1962	15	21.	1965	19	0.0	0.0	4.1	0.0	3.11	1.50	1953	1	0.0	0.	0	0	8.2	1.6	.1
SEP	71.0	33.6	52.3	83.	1962	1	17.	1968	17	0.0	0.0	11.9	0.0	2.17	2.92	1970	4	.2	1.	1969	24	6.1	1.5	.4
OCT	64.1	24.7	44.4	76.	1969	13	6.	1968	18	0.0	0.0	27.6	0.0	1.95	1.56	1959	1	3.9	6.	1969	8	4.0	1.5	.3
NOV	49.5	15.0	32.3	69.	1969	3	-12.	1969	19	0.0	.5	30.0	2.3	1.63	1.19	1966	8	16.3	28.	1964	15	4.0	.9	.4
DEC	36.2	2.6	19.6	59.	1966	22	-23.	1968	22	0.0	11.8	31.0	14.1	1.96	1.92	1966	6	27.4	49.	1964	31	4.4	1.2	.5
ANNUAL	56.4	21.8	39.0							0.	33.	260.	45.	21.7				130.				61.	12.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.23	.21	.21	.46	.14	.12	.62	.74	0.00	0.00	.30	.17	14.03
.10	.37	.32	.34	.59	.23	.20	.88	1.04	.17	.15	.44	.30	15.47
.20	.63	.49	.56	.78	.34	.35	1.29	1.49	.47	.43	.68	.56	17.34
.30	.89	.65	.78	.94	.55	.49	1.67	1.90	.79	.71	.90	.83	18.78
.40	1.16	.81	1.01	1.09	.72	.63	2.04	2.30	1.15	1.03	1.13	1.13	20.07
.50	1.47	.99	1.26	1.24	.91	.80	2.46	2.72	1.45	1.40	1.37	1.47	21.33
.60	1.82	1.18	1.56	1.41	1.13	.99	2.90	3.20	1.84	1.84	1.65	1.88	22.65
.70	2.26	1.43	1.92	1.61	1.40	1.22	3.44	3.77	2.39	2.39	1.98	2.39	23.99
.80	2.85	1.75	2.41	1.86	1.77	1.52	4.15	4.51	3.03	3.17	2.43	3.09	25.30
.90	3.53	2.27	3.01	2.25	2.37	1.85	5.29	5.69	4.07	4.47	3.15	4.26	26.59
.95	4.77	2.76	3.48	2.61	2.96	2.19	6.36	6.80	5.43	5.77	3.84	5.42	30.82
ALPHA	1.54	2.04	1.63	4.04	1.53	1.55	2.38	2.61	1.15	1.15	2.03	1.26	17.91
BETA	1.20	.57	.96	.33	.75	.65	1.19	1.19	2.00	1.79	.80	1.56	1.21
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.72	.72	1.24	1.06	.89	.10	1.64	5.91	.14	1.83	1.83	5.23	22.37
1952	4.39	.65	2.44	1.48	.83	2.16	2.92	4.33	1.92	.00	2.24	.63	23.46
1953	.72	1.27	1.38	1.85	1.16	.52	3.14	2.63	.36	3.47	1.56	.73	13.49
1954	2.15	.17	2.10	.95	2.95	.15	3.27	2.46	2.53	1.42	.70	1.44	20.29
1955	1.41	2.30	.05	1.30	2.53	.62	3.43	3.01	1.76	.09	1.74	2.32	20.53
1956	4.39	.77	1.30	1.30	.45	.44	1.72	1.71	.07	1.63	.55	.71	15.04
1957	6.82	1.43	1.44	2.54	3.49	.82	7.03	4.61	T	5.55	5.15	1.23	45.38
1958	1.49	1.74	2.54	1.81	.94	.78	.94	2.20	3.53	1.16	.91	.13	18.17
1959	.26	1.91	.10	1.88	1.14	1.72	1.44	5.29	2.16	4.90	.44	3.59	24.83
1960	1.47	1.57	.83	1.12	.38	1.05	1.11	.49	2.64	2.50	.62	1.31	15.09
1961	1.44	.46	3.35	1.19	.50	.78	3.31	2.90	1.70	2.47	1.30	1.24	19.64
1962	1.08	2.28	1.19	.62	.72	.18	2.00	.73	2.10	2.68	2.25	.42	16.25
1963	1.57	.89	.42	1.40	.02	.99	2.65	4.93	3.40	1.27	.58	.33	18.45
1964	1.52	.78	1.83	1.80	.70	.14	2.34	.45	3.52	.08	3.61	1.83	17.60
1965	1.87	1.22	1.60	2.36	1.15	1.84	3.45	2.10	1.95	2.24	2.66	5.58	23.82
1966	.60	1.81	.85	.84	1.11	1.32	1.86	2.07	.94	.55	1.26	5.07	18.28
1967	1.39	.15	4.06	.41	.97	2.80	4.75	4.18	2.18	.09	.26	4.11	25.35
1968	1.35	.59	.98	1.39	1.88	.60	3.70	5.00	1.24	1.13	2.67	2.22	23.15
1969	3.09	2.12	1.67	.22	.96	1.03	5.81	4.27	2.91	3.77	.72	.47	27.04
1970	.24	.17	2.01	1.49	.30	2.05	.15	3.23	8.72	2.19E	1.48	.57	22.60*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				1.5	27.0	59.2	42.0	17.5	25.5	6.0	2.0	T	200.1
51-52	.0	.0	.0	1.5	27.0	59.2	42.0	17.5	25.5	6.0	2.0	T	200.1
52-53	.0	T	.0	.0	33.5	14.0	12.6	25.0	13.0	21.5	.5	.0	120.1
53-54	.0	.0	.0	2.0	11.5	11.5	31.3	2.3	33.5	2.0	9.0	.0	103.1
54-55	T	.0	T	1.0	4.5	15.8	21.4	39.3	.8	17.5	T	T	100.3
55-56	T	T	T	.5	18.5	25.8	63.0	13.0	19.5	6.0	T	.0	146.3
56-57	.0	.0	.0	4.0	7.3	9.5	93.0	9.8	16.0	24.5	9.0	.0	173.1
57-58	.0	.0	T	6.0	33.3	14.5	23.0	23.5	39.3	17.0	.0	.0	156.7
58-59	.0	.0	.0	3.0	8.0	2.8	6.5	40.0	1.0	6.0	.0	.0	67.3
59-60	.0	.0	.3			39.0	21.7	27.1	4.3	4.5	.0	.0	
60-61	.0	.0	.0	1.0		18.8	6.0	10.0	35.5	.0	.0	.0	
61-62	.0	.0	T	18.0	3.0	24.0	14.0	26.0	19.5	1.5	2.0	.0	108.0
62-63	.0	.0	.0	2.0	6.1	13.0	22.0	12.0	3.5	3.5	.0	.0	62.1
63-64	.0	.0	.0	.0	6.0	5.0	8.0	12.5	34.3		.0	.0	
64-65	.0	.0	.0	.0	48.0	44.0	24.1	22.0	23.0	23.5	7.5	.0	192.1
65-66	.0	.0	.0	8.0	10.0	53.0	15.0	27.0	11.0	12.0	T	.0	136.0
66-67	.0	.0	.0	T	10.0	37.0	24.0	3.0	14.5	2.0	T	.0	90.5
67-68	.0	.0	.0	T	6.0	48.0	23.0	29.0	19.0	24.5	7.0	2.0	143.5
68-69	.0	.0	.0	.0	23.0	51.0	57.0	41.0	35.0	2.0	8.0	.0	218.0
69-70	.0	.0	.0	23.0		24.0	4.0	6.0	49.0	22.0	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962							77.0	73.2	73.4	62.5	48.9	33.6	
1963		35.9	38.0	56.5	58.4	67.5	78.3	75.7	72.3	65.1	49.0	35.6	
1964	31.7	31.5	35.8	49.0	63.2	70.9	76.5	71.5	68.2	65.5	50.6	32.4	54.0
1965	37.3	34.8	39.7	47.2	56.5		78.0	75.1			47.7	39.1	
1966	34.3	33.8	47.1	55.2	67.3	71.8	80.9	76.0	71.2	62.0	48.6	37.8	57.2
1967	36.1	41.4	49.0	53.6	62.4	68.9	77.6	71.7	68.0	62.9	51.2	33.2	56.3
1968	39.3	42.8	46.0	49.2	60.9	75.5	77.0	69.4	68.4	61.5	43.3	33.3	55.6
1969	34.0	36.9	40.9	54.9	64.0M	69.4	79.5	76.9	72.5	69.1	56.9	41.3	58.4*
1970	36.6	42.2	44.1	45.8	62.3	75.2M	79.7	78.6	74.4			39.2	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962							38.3	35.6	34.1	25.9	19.9		
1963		16.8	20.8	24.7	34.3	34.3		39.1	35.1	27.3	17.5	.4	
1964	.3	- 2.8	5.7	14.8	29.6	30.4	39.6	35.7	35.2	22.1	6.3	- 2.6	17.9
1965	7.7	9.6	13.5	18.5	27.7	35.0	40.1	36.4			17.9	8.2	
1966	- 3.6	- 5.0	9.6	20.8	27.2	32.6	42.3	38.2	31.2	21.3	18.3	6.2	19.9
1967	- .7	5.3	14.2	18.9	24.6	33.0	42.4	39.6	34.4	22.3	14.7	2.7	21.3
1968	2.1	7.1	11.9	20.2	26.9	32.3	38.9	35.8	27.8	23.1	14.1	- .7	20.0
1969	5.1	- .5	9.2	23.6	30.0M	34.4	39.5	42.1	37.1	31.2	11.5	8.0	22.6*
1970	3.9	7.2	10.6	13.1	27.1	36.4M	43.7	47.1	34.2			- 1.3	

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962							57.9	57.4	53.8	44.2	34.4		
1963		26.4	29.4	40.6	46.4	50.9		57.4	53.7	45.2	33.3	18.0	
1964	16.0	14.4	20.8	32.4	46.4	50.6	58.1	53.6	51.7	43.8	28.5	14.9	35.9
1965	22.5	22.2	26.6	32.9	42.1		53.1	55.8			32.8	23.7	
1966	15.4	14.4	24.4	38.0	47.3	52.2	51.6	57.1	51.2	41.7	33.5	22.0	38.6
1967	17.7	23.4	33.6	36.3	43.5	51.0	60.0	55.7	51.2	42.6	33.0	15.0	38.0
1968	20.7	25.0	29.0	34.7	43.9	53.9	58.0	53.1	48.1	42.3	28.7	16.3	37.8
1969	21.6	18.2	25.1	39.3	47.0 ^M	51.9	59.5	53.5	54.8	50.2	34.2	24.7	40.5*
1970	20.3	24.7	27.4	29.5	44.7	55.8 ^T	64.2	62.9	54.3			19.0	

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PARADOX

05 6315 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)														PRECIPITATION (INCHES)											
	MEANS				EXTREMES				MEAN: NO OF DAYS						SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN.	42.2	14.0	28.0	63.	1956	8	-21.	1963	13	.1	3.3	30.3	3.8	.98	.90	1969	25	6.1	16.	1968	12	3.1	.4	0.0		
FEB	48.7	19.7	34.2	71.	1958	22	-16.	1955	21	0.0	.8	26.8	1.0	.90	.91	1955	17	5.7	7.	1960	2	3.1	.4	0.0		
MAR	55.0	23.3	39.2	79.	1966	31	5.	1954	3	0.0	.2	27.7	0.0	.76	.67	1970	1	3.1	7.	1960	1	2.2	.2	0.0		
APR	65.5	30.8	48.2	87.	1962	19	10.	1955	5	0.0	0.0	17.6	0.0	.88	1.22	1965	27	1.0	1.	1966	19	2.9	.2	.1		
MAY	76.6	39.3	58.0	96.	1956	31	19.	1967	2	1.8	0.0	4.3	0.0	.75	1.05	1967	26	0.0	0.	0	0	2.7	.2	.1		
JUN.	86.7	46.9	66.9	103.	1961	22	28.	1954	7	13.0	0.0	.3	0.0	.48	.91	1965	10	0.0	0.	0	0	1.5	.1	0.0		
JUL	92.6	53.8	73.3	104.	1959	23	39.	1955	8	24.1	0.0	0.0	0.0	1.18	1.63	1968	23	0.0	0.	0	0	3.8	.4	.1		
AUG	88.7	52.3	70.5	104.	1958	12	34.	1968	24	15.2	0.0	0.0	0.0	1.72	1.13	1957	30	0.0	0.	0	0	4.9	.7	.1		
SEP	81.9	42.4	62.2	99.	1959	1	24.	1970	26	4.4	0.0	2.1	0.0	1.05	2.20	1965	18	.1	0.	0	0	2.9	.3	.1		
OCT	70.4	32.5	51.4	90.	1956	6	13.	1970	27	.1	0.0	15.9	0.0	1.23	1.32	1953	23	.3	4.	1970	26	2.2	.7	0.0		
NOV	53.7	22.3	38.0	73.	1967	15	-10.	1952	27	0.0	.6	26.8	.3	.97	1.03	1965	23	1.7	13.	1955	17	2.9	.5	.1		
DEC	42.9	15.3	29.1	66.	1958	5	-18.	1961	12	0.0	3.1	29.7	2.1	1.06	1.20	1953	4	5.8	20.	1953	5	3.1	.5	0.0		
ANNUAL	67.7	33.0	50.4							59.	8.	18.1	7.	12.0				24.				35.	5.	1.		

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.11	.05	0.00	.16	0.00	0.00	.23	.64	0.00	0.00	0.00	0.00	7.16
.10	.12	.10	0.00	.23	.16	.05	.34	.80	.08	0.00	.44	.27	8.03
.20	.16	.16	.16	.36	.29	.12	.51	1.03	.23	.25	.60	.46	9.18
.30	.16	.33	.29	.48	.41	.15	.67	1.22	.38	.51	.72	.62	10.07
.40	.16	.47	.42	.60	.52	.27	.84	1.41	.55	.74	.83	.77	10.88
.50	.17	.63	.57	.73	.64	.36	1.01	1.60	.75	.99	.94	.93	11.67
.60	.19	.83	.74	.89	.77	.46	1.20	1.80	.98	1.26	1.05	1.11	12.50
.70	.19	1.08	.96	1.07	.94	.59	1.44	2.04	1.28	1.60	1.18	1.32	13.43
.80	.51	1.44	1.25	1.31	1.15	.77	1.75	2.34	1.70	2.03	1.34	1.59	14.58
.90	2.04	2.05	1.73	1.70	1.49	1.07	2.26	2.81	2.40	2.74	1.59	2.02	16.28
.95	2.56	2.66	2.21	2.08	1.81	1.36	2.74	3.24	3.09	3.42	1.81	2.43	17.77
ALPHA	1.48	1.04	1.37	1.99	2.15	1.29	2.18	4.52	1.15	1.78	5.59	2.56	13.52
BETA	.66	.87	.62	.44	.37	.49	.54	.38	.95	.81	.18	.44	.88
Q	0.00	0.00	.10	0.00	.05	.05	0.00	0.00	.05	.15	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.49	.16	T	1.18	.97	.05	.62	2.06	.21	.94	1.01	1.64	9.33
1952	2.23	.82	1.48	1.70	.30	.48	1.79	.74	1.13	.00	1.21	.63	12.51
1953	.69	.25	.46	.63	.59	.19	.59	2.40	.11	3.07	1.11	1.27	11.33
1954	.24	.13	1.34	.93	.25	.24	.72	.83	2.10	2.15	1.10	.51	13.54
1955	1.67	2.13	.00	.45	1.15	.66	1.38	3.05	.11	.05	1.10	.84	12.59
1956	1.75	.40	.11	.15	.33	.08	1.24	1.09	.05	.76	T	.42	6.48
1957	2.54	.86	.80	2.07	2.24	.94	2.10	3.53	.03	3.73	1.88	.66	21.35
1958	.54	2.13	1.02	.40	.28	.25	.14	1.82	2.07	.36	.57	T	9.58
1959	.45	1.29	.03	.36	.34	.55	.65	1.99	.66	1.27	.32	1.91	9.88
1960	.49	2.08	.95	.96	.25	.55	.50	.88	.52	1.35	.54	.68	9.75
1961	.20	.14	1.34	.84	.96	.00	.88	2.36	2.36	2.00	.88	.51	12.47
1962	.28	1.85	.39	.70	.39	.47	.33	.88	1.62	1.13	.60	1.07	9.71
1963	1.65	.83	1.05	.61	.32	.44	.90	3.01	.70	.99	.84	.25	11.64
1964	.13	.03	.76	1.29	.53	.20	2.73	2.03	1.34	.00	.92	1.29	11.25
1965	1.21	1.09	.77	2.09	1.15	1.67	2.09	1.70	2.92	2.390	2.10	2.24	21.42*
1966	.27	.930	.050	.92	.51	.08	.84	.66	1.04	.71	1.26	3.27	10.54*
1967	.70	.06	.21	.25	2.18	1.06	1.52	1.56	.83	.00	.90	1.91	11.24
1968	.39	1.14	.85	.52	1.23	.75	2.33	1.17	.12	.74	.66	.53	10.05
1969	2.90	1.49	.56	.07	.95	1.21	2.02	1.29	1.23	2.03	.91	.60	15.26
1970	.73	.15	3.03	1.12	T	.33	.30	1.40	1.73	1.02	1.56	.99	12.36

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							2.0	3.5	T	T	.0	.0	
51-52	.0	.0	.0	.0	.1			12.0	10.0	.0	.0	.0	
52-53	.0	.0	.0	.0		9.5		.5		.0	.0	.0	
53-54	.0	.0	.0	.0		20.0	1.0			.0	.0	.0	
54-55	.0	T	.0	.0	4.5	1.0	12.3	16.4	.0	.0	.0	.0	34.2
55-56	.0	.0	.0	.0	12.6	2.9	5.0	2.2		.0	.0	.0	
56-57	.0	.0	.0	.0	T	2.0	21.4			.0	.0	.0	
57-58	.0	.0	.0	.0	2.0	2.0	8.6	6.2	2.0	.0	.0	.0	20.8
58-59	.0	.0	.0	.0	2.5	.0	4.3	17.7	1.0	.0	.0	.0	19.5
59-60	.0	.0	.0	.0		10.8	2.1	23.2	1.3	.9	.0	.0	
60-61	.0	.0	.0	.0	.0	1.0		.0	4.0	.0	.0	.0	
61-62	.0	.0	.0	.0	T	16.6	4.3	2.1	T	.0	.0	.0	23.0
62-63	.0	.0	.0	.0		3.2	10.0	T	6.2	1.0	.0	.0	
63-64	.0	.0	.0	.0	.3	2.3	1.7	T		4.7	.4	.0	
64-65	.0	.0	.0	.0		3.6	3.6	9.0	.6	.0	.0	.0	
65-66	.0	.0	1.0	.0	1.2	5.6	4.0			4.0	.0	.0	
66-67	.0	.0	.0	.0	.0	5.3	8.6				.0	.0	
67-68	.0	.0	.0	.0	1.2		1.6	2.8	T	3.5	.0	.0	17.7
68-69	.0	.0	.0	.0	.0	9.4		3.0	3.9	.0	.0	.0	
69-70	.0	.0	.0	.0		3.1	5.5	.0	14.3	.0	.0	.0	

PARADCK

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	44.4	51.5	55.8	65.9	75.0	84.4	94.4	87.4M	92.4M	67.2M	47.1	36.2M	65.9*
1952		42.0	46.9M	64.6	75.4	86.1	89.2	89.1M	93.8	73.0	50.5	39.0	
1953	48.7M	43.0M	59.1	64.8	71.0	90.4	93.4	85.2	86.7	66.9M	52.7	34.3	67.0*
1954	42.6	56.0	52.8	72.8	79.3M	85.7	92.6	83.3	79.6	71.5	57.2M	42.6	63.3*
1955	37.7M	38.8	53.3M	55.6	70.2	79.3	89.9	84.5	81.4	72.7	51.2	46.5	63.8*
1956	47.5	46.8	61.0	56.7	80.3	92.5	93.1	88.5	89.7	73.2	51.0	40.7	69.3
1957	41.1	53.6M	57.1	52.0	69.3	80.7	90.3	87.2	83.5	65.3M	48.4	47.5	60.0*
1958	45.1	51.3	50.3M	64.3M	81.7	91.1	93.6	94.4	82.2	73.7	56.1	52.5	69.7*
1959	45.3	47.3	56.7	69.3	77.8	91.9	95.7	89.7	81.2	69.3	56.8M	45.3M	68.9*
1960	38.5M	41.1	58.4	68.9	77.1	90.1	95.5	93.4	85.7	68.2	57.6		
1961	47.0M	51.3		65.7	77.9M	92.5	93.7	83.0	74.7	68.5M	52.6	37.2	
1962	38.9	48.1	52.8	72.4	75.4	87.2	92.1	92.1	82.9	73.9		47.2	
1963	33.6	53.6	56.2	66.1	82.2M	86.7	96.0	86.4	85.6	75.7	59.1M	43.9M	68.8*
1964	42.5M	45.3M	51.5	61.7M	77.3	86.3	95.5	87.0	80.7	77.5	50.1	43.0	66.5*
1965	44.3	46.2	52.2	63.4	71.9	79.7M	90.7M	88.8	75.3			44.3	
1966	42.2			67.8	81.3	87.4	93.9	90.4	82.2	70.8	58.8	44.3	
1967	42.1	52.6	62.5	64.3	73.8	82.0	91.6	89.1	82.2	74.2	59.7		
1968	35.4	50.2	59.7	61.9	75.6	87.5	88.9	81.5	73.5	70.5	50.7	39.6	65.1
1969	42.2	45.5M	52.6	70.2	80.8	81.7	91.1	90.5	82.4	58.8	53.3M	44.2	65.9*
1970	42.4	55.6	51.2	59.1	78.6	85.6	91.0	83.8M	75.4	61.2	53.8	43.5	65.7*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.5	19.0	22.6	33.1	41.6	44.3	54.1	51.6M	39.0M	31.4M	20.0	13.5	32.1*
1952	18.9M	17.9	21.4M	32.9	39.5	45.7	51.4	53.0M	42.9	29.5	17.5	13.5	31.9*
1953	20.4M	18.7M	23.0	28.8	35.8	47.2	54.5	50.7	33.5	31.0M	22.6	4.3	31.3*
1954	16.7	18.6	20.5	31.9	37.3	43.3	53.3	45.9	42.1	30.9	20.3M	12.5	31.1*
1955	6.1M	4.4	19.0M	23.1	36.3	44.1	49.9	50.8	37.2	28.7	21.9	22.8	28.7*
1956	22.9	17.1	20.2	31.3	40.2	49.0	52.1	49.6	41.4	32.8	17.1	12.9	32.2
1957	21.4	27.8M	29.4	31.8	36.2	45.5	54.2	54.1	39.2	37.2M	23.5	18.3	34.8*
1958	13.9	25.1	25.6M	29.9M	40.7	49.8	51.8	54.6	46.0	33.5	22.8	17.3	34.3*
1959	15.5	21.0	22.7	31.1	41.6	50.6	54.0	54.4	44.3	31.7	19.5M	18.0M	33.7*
1960	12.4M	16.1	26.7	32.5	39.7	48.3	53.6	51.1	44.9	34.6	25.7		
1961	7.4M	19.8		31.5	40.7M	50.0	53.5	56.0	41.4	32.4M	23.9	9.2	
1962	8.5	25.8	21.4	33.4	38.2	46.5	51.5	49.5	43.6	34.1		15.4	
1963	4.8	23.6	24.0	31.5	40.9M	46.8	54.9	56.0	45.9	38.5	26.0M	12.4M	33.8*
1964	9.9M	13.0M	20.5	32.5M	39.5	46.7	57.2	51.9	43.0	31.9	22.3	19.4	32.3*
1965	23.6	18.1	24.4	33.0	38.5	44.1M	54.4M	50.5	39.7			21.9	
1966	13.5			31.1	39.1	48.0	55.3	51.9	44.0	32.0	25.5	17.7	
1967	11.9	21.0	28.2	31.3	38.1	46.4	55.3	54.1	45.6	31.9	22.0		
1968	5.1	24.7	25.1	29.2	38.5	47.3M		43.2	37.0	37.4	25.2M	9.7	
1969	19.5	22.1M	21.4	31.0	42.0	46.8	56.3	55.3	46.2	32.0	20.5M	18.3	34.3*
1970	15.3	20.9	24.8	25.9	42.0	46.6	54.9	56.5M	44.4	30.8	25.2	16.6	33.8*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FFB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.5	34.8	39.2	49.5	56.3	64.4	74.3	63.5M	60.7M	49.3M	33.6	24.8M	49.0*
1952		30.2	34.2M	48.8	57.5	65.9	70.3	71.1M	63.4	53.3	34.0	26.3	
1953	34.6M	33.9M	41.1	46.8	53.4	68.8	74.0	68.5	62.6	49.0M	37.7	19.6	49.2*
1954	29.7	37.3	36.7	51.4	58.3M	64.5	73.0	67.1	60.9	51.2	38.8M	27.6	49.7*
1955	21.9M	21.6	36.2M	41.4	53.3	61.7	69.9	67.7	59.3	50.7	36.6	34.7	46.3*
1956	35.2	32.0	40.6	49.0	60.3	70.8	72.6	69.1	65.6	53.0	34.1	26.8	50.8
1957	31.3	40.7M	42.9	46.8	52.8	66.1	72.3	70.7	61.4	51.3M	36.0	32.9	50.4*
1958	29.5	39.2	39.2M	47.1M	61.2	70.5	72.7	74.5	64.1	53.6	39.5	35.2	52.0*
1959	30.4	34.2	39.7	50.2	59.7	71.3	74.9	72.1	62.8	50.5	38.2M	31.3M	51.3*
1960	25.5M	28.6	42.6	50.7	58.4	69.2	74.5	72.3	65.3	51.4	41.7		
1961	27.2M	35.6		48.6	59.3M	71.3	73.6	72.5	58.1	50.5M	38.3	23.2	
1962	23.7	37.0	37.1	52.9	56.8	66.9	71.8	70.8	63.3	54.0		31.3	
1963	19.2	38.6	40.1	48.8	61.6M	66.8	75.5	71.2	65.8	57.1	42.6M	28.1M	51.3*
1964	26.2M	29.2M	36.0	47.1M	58.4	66.5	75.4	69.5	61.9	54.7	36.2	31.2	49.4*
1965	32.5	32.2	38.3	49.2	55.2	61.9M	72.6M	69.7	59.0			33.1	
1966	27.9			49.5	60.2	67.7	74.6	71.2	63.1	51.4	42.2	31.3	
1967	27.0	36.8	45.4	47.8	56.0	64.2	73.5	71.6	63.9	53.1	40.9		
1968	20.3	37.5	42.4	45.6	57.1	67.4M		65.4	59.3	52.0	38.0M	34.7	
1969	30.9	33.8M	37.0	50.6	61.4	64.3	73.7	72.9	63.3	45.4	36.9M	31.5	50.1*
1970	28.9	39.3	38.0	42.5	60.3	67.1	73.0	73.2M	60.4	46.0	39.5	30.1	49.8*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

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- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PARKER 9E

05 6326 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)											
	MEANS			EXTREMES				MEAN NO. OF DAYS						SNOW, SLEET				MEAN NO. OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW	0 OR BELOW										
JAN	44.7	11.9	28.3	70.	1967	29	-38.	1963	12	0.0	5.0	30.3	5.8	.27	.45	1968	22	7.6	10.	1962	14	1.2	0.0	0.0	
FEB	47.4	15.2	31.4	72.	1963	5	-33.	1951	1	0.0	3.8	26.9	3.6	.37	.55	1957	28	8.9	14.	1960	29	1.6	.1	0.0	
MAR	49.7	18.9	34.4	78.	1967	29	-18.	1969	8	0.0	3.2	29.1	2.3	.62	.60	1961	28	12.6	18.	1959	26	3.0	.2	0.0	
APR	61.6	29.2	44.9	84.	1968	11	-3.	1959	12	0.0	.4	19.7	.1	1.16	1.25	1957	2	9.0	17.	1957	2	3.8	.4	.1	
MAY	70.5	39.1	54.9	90.	1954	20	18.	1954	2	0.0	0.0	5.5	0.0	2.22	2.00	1957	9	2.2	10.	1957	16	4.5	1.5	.7	
JUN	80.2	47.5	63.8	103.	1954	23	27.	1951	2	5.4	0.0	.4	0.0	1.78	2.90	1965	5	0.0	0.	0	0	4.4	1.1	.4	
JUL	86.8	54.5	70.7	101.	1954	11	39.	1952	8	12.9	0.0	0.0	0.0	1.78	1.70	1967	15	0.0	0.	0	0	4.8	1.4	.2	
AUG	84.3	52.7	68.5	98.	1954	3	32.	1964	22	7.5	0.0	0.0	0.0	1.77	3.00	1951	3	0.0	0.	0	0	4.2	1.2	.3	
SEP	77.4	43.2	60.2	95.	1958	2	18.	1959	30	1.8	0.0	2.8	0.0	.99	1.35	1961	24	1.5	10.	1959	29	2.8	.8	.2	
OCT	67.1	32.4	49.8	85.	1967	12	-10.	1969	13	0.0	.1	15.1	.1	.89	1.45	1960	18	4.7	18.	1969	12	2.5	.6	.2	
NOV	54.2	21.0	37.1	74.	1966	7	-20.	1955	16	0.0	1.9	27.6	1.3	.46	.70	1970	13	7.8	9.	1969	2	1.9	.1	0.0	
DEC	46.9	14.4	30.7	71.	1955	24	-23.	1961	10	0.0	3.4	30.4	3.8	.26	.50	1954	27	6.9	9.	1954	27	1.2	.1	0.0	
ANNUAL	64.2	31.5	47.8							28.	18.	188.	17.	12.6				61.				36.	7.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.13	0.00	.26	.15	.25	.25	0.00	0.00	.10	.06	6.97
.10	0.00	0.00	.18	.40	.43	.27	.39	.39	0.00	.06	.14	.08	7.96
.20	.09	.13	.28	.61	.74	.50	.65	.65	.26	.17	.21	.12	9.27
.30	.15	.20	.36	.77	.85	.75	.85	.85	.43	.30	.27	.15	10.31
.40	.20	.26	.44	.92	.95	.85	.90	.90	.60	.45	.33	.19	11.25
.50	.25	.32	.53	1.07	1.15	1.02	1.15	1.15	.79	.62	.47	.22	12.18
.60	.30	.39	.63	1.24	1.34	1.20	1.44	1.44	1.00	.82	.67	.38	13.17
.70	.36	.47	.76	1.43	1.54	1.36	1.77	1.77	1.25	.99	.87	.48	14.24
.80	.44	.58	.92	1.67	1.81	1.61	2.18	2.18	1.50	1.09	.95	.55	15.65
.90	.56	.75	1.17	2.04	2.21	2.01	2.73	2.73	1.80	1.46	.87	.68	17.70
.95	.67	.92	1.42	2.39	2.59	2.39	3.60	3.60	2.16	1.69	.87	.88	19.52
ALPHA	2.71	2.29	2.26	3.69	1.50	1.24	1.67	1.67	1.64	1.05	2.32	2.40	10.65
BETA	.12	.18	.27	.33	1.48	1.44	1.07	1.06	.67	.90	.20	.11	1.18
Q	.15	.10	0.00	.05	0.00	0.00	0.00	0.00	.10	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.57	.38	.46	1.39	1.54	1.31	1.53	4.31	.53	1.25	.77	.21	14.26
1952	T	.28	1.04	2.11	2.21	.08	.51	1.71	.37	.27	.76	.23	9.37
1953	.41	.55	.53	1.74	2.12	1.79	1.53	2.03	.08	.27	.20	.67	11.49
1954	.15	.08	.25	.70	.37	.53	2.31	1.05	.55	.11	.42	.50	6.99
1955	.05	.11	.21	.32	2.88	1.18	1.00	3.27	1.00	.15	.30	.05	11.13
1956	.17	.22	.35	.37	.82	.37	2.59	1.84	.00	.48	.31	.39	7.91
1957	.24	.55	.55	2.83	5.75	1.26	2.71	2.19	.78	2.24	.25	.07	19.42
1958	.35	.88	.74	1.77	4.86	1.12	1.83	1.17	1.73	.58	.50	.36	15.94
1959	.84	.62	1.70	.97	2.74	1.68	.70	.13	1.00	1.50	.77	.12	12.77
1960	.47	1.05	.51	1.17	2.15	.22	2.20	.20	.33	2.13	.09	.55	11.08
1961	T	.46	1.76	.99	2.26	2.29	1.07	1.37	3.91	.60	.50	.10	15.31
1962	.40	.39	.28	1.11	2.30	2.82	1.15	.35	.34	.15	.55	.16	10.00
1963	.30	.05	.55	T	.32	2.26	.08	5.22	2.12	.10	.25	.26	11.51
1964	.20	.47	.81	.70	2.17	1.77	.15	.99	T	T	1.03	.26	8.55
1965	.28	.33	.56	.95	1.04	5.67	3.73	2.16	2.10	.58	.06	.33	17.78
1966	.15	.37	.12	.47	.33	.92	2.61	.87	.74	.90	.10	.13	7.68
1967	.35	T	.25	1.18	3.75	2.83	5.03	.55	.80	1.05	.25	.15	16.24
1968	.45	.40	.30	1.57	.53	.10	2.03	1.75	.54	.64	.57	.23	9.13
1969	T	.25	.31	1.79	5.92	3.37	.80	2.02	1.30	4.17	.53	.33	20.40
1970	.10	T	1.15	1.13	.35	3.97	1.21	2.45	1.90	.88	.90	.100	14.14*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							18.5	5.0	13.0	11.0	.0	T	65.5
51-52	T	.0	3.0	2.5	16.0	9.0	T	13.0	18.0	7.0	.0	.0	58.0
52-53	.0	.0	.0	T	17.0	4.0	10.0	10.0	7.0	8.0	2.0	T	31.0
53-54	.0	.0	.0	T	6.0	18.0	3.0		5.0	6.0	3.0	T	30.0
54-55	.0	.0	.0	T	4.0	9.0	1.0	8.0	5.0	4.0	T	.0	83.0
55-56	.0	.0	.0	T	5.0	2.0	5.0	6.0	9.0	3.0	.0	.0	67.0
56-57	.0	.0	.0	3.0	14.0	8.0	8.0	4.0	9.0	23.0	14.0	.0	95.0
57-58	.0	.0	T	3.0	5.0	2.0	14.0	14.0	16.0	13.0	.0	.0	92.0
58-59	.0	.0	.0	2.0	7.0	6.0	15.0	14.0	33.0	18.0	T	.0	63.0
59-60	.0	.0	14.0	10.0	5.0	3.0	12.0	22.0	14.0	6.0	6.0	.0	63.0
60-61	.0	.0	.0	8.0	6.0	15.0	T	13.0	24.0	12.0	8.0	.0	68.0
61-62	.0	.0	2.0	6.0	9.0	4.0	17.0	10.0	6.0	14.0	.0	.0	35.1
62-63	.0	.0	3.0	.0	7.0	3.1	8.0	1.0	13.0	T	.0	.0	70.0
63-64	.0	.0	.0	1.0	3.0	9.0	5.0	18.0	20.0	11.0	3.0	.0	63.0
64-65	.0	.0	.0	.0	7.0	2.0	8.0	17.0	25.0	4.0	T	.0	36.0
65-66	.0	.0	2.0	.0	2.0	7.0	6.0	9.0	3.0	4.0	3.0	.0	46.0
66-67	.0	.0	.0	9.0	3.0	2.0	11.0	5.0	5.0	7.0	4.0	.0	53.0
67-68	.0	.0	.0	2.0	6.0	15.0	5.0	5.0	6.0	12.0	T	.0	42.0
68-69	.0	.0	.0	2.0	12.0	10.0	4.0	T	11.0	3.0	.0	.0	
69-70	.0	.0	.0	43.0	9.0	7.0	1.1	.1		15.0	1.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.7	48.3	48.9	56.4	70.3	73.4	88.0	82.3	77.0	63.5	51.1	41.2	61.6
1952	47.7	46.3	46.2	59.9	68.4	87.2	83.3	85.7	81.3	70.6	45.3	42.3	64.2
1953	50.4	45.5	57.4	55.5	64.7	83.9	81.1	84.0	82.9	63.1	56.7	41.6	65.1
1954	46.9	58.6	48.4	69.5	70.6	86.9	90.6	85.5	81.8	69.6	57.6	43.7	67.6
1955	40.3	41.5	52.7	64.3	71.2	76.8	89.5	85.0	78.1	73.0	50.4	49.3	64.1
1956	48.0	40.0	53.1	59.5	73.5	89.2	86.2	81.7	82.5	71.2	47.3	45.0	64.8
1957	38.2	53.2	49.7	51.5	63.7	78.1	84.7	82.7	76.0	62.9	46.5	51.8	61.6
1958	44.1	49.6	41.6	54.6	72.8	80.7	83.6	87.6	78.7	66.9	55.5	47.5	63.5
1959	43.8	43.2	47.3	58.3	67.1	82.2	87.4	87.1	75.1	60.9	53.1	49.0	62.8
1960	37.6	33.5	46.4	61.8	68.7	82.7	85.6	87.3	78.7	65.6	55.7	41.0	62.1
1961	43.0	46.4	48.9	57.4	68.2	75.1	85.3	84.3	68.5	64.1	48.4	40.6	61.1
1962	38.6	45.9	48.6	64.3	74.3	76.9	85.5	88.8	77.3	65.8	57.3	49.3	64.8
1963	34.9	50.8	54.3	67.3	76.3	84.3	90.7	80.2	73.3	72.2	58.8	45.6	66.1
1964	44.3	39.5	44.9	59.5M	72.2	78.5	90.7	84.6	77.7	70.2	55.5	43.5	63.9*
1965	56.3	46.1	41.3	62.6	70.6	76.1M	93.4	79.8	69.3	65.6	64.0	54.7	64.4*
1966	46.1	44.7	60.5	61.8	74.8	81.3	88.6	82.4	76.8	69.9	61.5	50.7	66.6
1967	51.2	52.3	60.3	65.7	69.3	73.3	81.9	81.1	76.9	72.5	59.4	44.4M	65.7*
1968	46.9	51.7	57.7	58.6	68.6	84.8	84.8	81.9M	77.3	70.7	52.8	47.3	65.3*
1969	50.5	51.2	46.6	67.1	71.5	72.0	86.4	85.7	76.9	53.1	51.4	48.3	63.5
1970	47.0	59.7	39.6M	56.5	74.2	77.9	86.2	86.2	76.9	62.0	55.0	50.8	64.3*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	8.1	16.0	18.3	27.8	40.2	43.2	54.9	53.1	42.3	31.2	18.6	11.3	30.5
1952	17.2	15.5	17.6	31.0	39.6	49.3	53.2	54.6	44.3	32.1	14.1	15.1	32.0
1953	19.5	14.6	22.9	25.7	35.0	50.9	59.8	56.7	44.8	36.8	24.9	16.5	34.0*
1954	16.5	25.1	18.8	34.2	36.2M	47.0	57.9	51.1	47.3	31.9	23.3	16.5	34.0*
1955	11.4	13.2	21.9	29.5	41.2	46.7	55.4	54.6	45.2	33.3	15.0	18.5	32.2
1956	16.8	8.6	20.6	28.4	43.2	53.9	54.6	50.8	44.6	35.7	18.7	19.3	32.9
1957	8.8M	21.7M	22.1	26.7	38.8	46.9	54.4	53.5	40.1	35.5	19.6	20.3	32.5*
1958	11.6	20.6	16.7	27.4	44.2	49.9	52.2	54.3	44.8	33.6	21.7	18.6	33.0
1959	13.0	14.9	19.2	28.4	39.4	50.4	51.8	54.1	41.7	29.3	16.8	16.9	31.3
1960	5.2	4.4	19.8	30.3	36.9	47.0	52.3	50.8	45.4	33.9	19.3	12.7	30.0
1961	12.5	18.1	22.7	27.9	39.5	47.7	52.3	53.0	39.1	31.4	18.9	10.2	31.1
1962	3.1	16.6	18.5	32.5	39.6	46.7	53.0	51.8	43.5	33.1	23.5	15.0	31.4
1963	.5	19.9	20.5	33.5	41.2	47.6	55.9	55.0	49.9	39.5	23.6	10.9	33.1
1964	11.9	8.0	15.2	29.6M	35.1	46.0	55.7	50.8	41.7	30.6	21.0	16.1	30.5*
1965	17.6	9.7	10.0	30.7	38.0	47.5	53.9	51.0	39.1	34.1	24.8	16.8	31.1
1966	8.7	10.2	22.1	28.4	41.1	48.1	58.0	51.5	44.8	29.1	20.8	11.5	31.2
1967	13.2	14.9	22.0	30.1	34.2	45.1	51.6	47.5	40.1	30.4	19.3	9.2	29.8
1968	13.7	16.9	20.6	24.3	34.5	47.0	51.6	50.1M	41.1	33.4	18.3	10.2	30.3*
1969	15.8	17.0	12.4	32.7	40.9	42.9	55.1	53.5	45.2	23.5	17.8	13.2	30.8
1970	10.5	18.3	17.3	24.9	37.6	44.8	53.9	55.3	41.2	28.4	20.7	15.5	30.7

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.4	32.2	33.9	42.1	55.3	58.3	71.5	67.7	60.0	47.4	34.9	26.5	46.1
1952	32.5	31.2	31.9	45.5	54.0	68.5	73.8	70.7	62.8	51.4	29.7	28.7	48.1
1953	35.0	30.6	40.2	40.6	49.9	67.4	74.1	73.4		53.0	40.4	26.1	
1954	31.7	41.7	33.6	51.9	54.4M	66.5	74.3	68.3	64.6	49.3	40.5	32.6	50.8*
1955	25.9	27.4	37.3	46.9	56.2	61.8	72.5	69.8	61.7	51.7	32.7	33.9	48.2
1956	32.4	24.3	36.9	44.0	58.4	71.6	70.4	66.3	63.6	53.5	33.0	31.7	48.8
1957	23.5M	37.5M	35.9	39.1	51.3	62.5	69.6	68.1	58.1	49.7	33.1	36.1	47.0*
1958	27.9	34.6	29.2	41.0	58.5	65.3	67.9	71.0	61.8	50.3	36.6	33.1	48.3
1959	28.4	29.1	33.3	43.4	53.3	66.3	69.6	70.6	58.4	49.1	35.0	32.5	47.1
1960	22.9	19.0	32.6	46.1	52.8	64.9	69.0	69.1	62.1	43.8	37.5	20.9	46.1
1961	27.8	32.3	35.8	42.7	53.9	62.9	68.9	68.7	53.9	47.8	33.7	25.4	46.1
1962	20.9	31.3	33.6	48.4	57.0	61.8	69.8	73.3	60.4	51.5	40.4	32.2	48.1
1963	17.2	35.4	37.4	50.4	58.8	66.0	73.3	67.6	64.1	55.9	41.2	26.3	49.6
1964	28.1	23.8	30.1	44.6M	55.7	62.3	73.2	67.7	59.7	50.4	38.3	32.3	47.2*
1965	37.0	27.9	25.7	46.7	54.3	61.8M	68.7	65.4	53.7	51.9	44.4	35.8	47.5*
1966	27.4	27.5	41.3	45.1	58.0	64.7	73.3	67.0	60.8	49.5	41.2	31.1	48.9
1967	32.2	33.6	41.2	47.9	51.8	59.2	66.8	64.3	58.5	51.7	39.4	26.5M	47.8*
1968	30.3	34.3	39.2	41.5	51.6	65.9	69.2	66.6M	59.2	52.3	35.6	28.9	47.9*
1969	33.2	34.1	29.5	49.9	56.2	57.5	70.8	70.1	61.1	38.3	34.6	30.3	47.2
1970	28.8	39.0	28.5M	40.7	55.9	61.4	70.1	70.8	59.1	45.2	37.9	33.2	47.6*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PARSHALL

05 6342 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	YEARS			EXTREMES						MEAN: NO OF DAYS			SIGN, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW												
JAN:														1.14	.60	1957	14	18.6					4.0	.4	0.0
FEB:														1.07	.65	1967	15	18.8	50.	1953	4	4.3	.1	0.0	
MAR:														1.51	1.00	1957	22	17.4	53.	1953	21	5.7	.2	.1	
APR:														1.09	1.50	1957	7	13.1	40.	1952	1	3.5	.5	.1	
MAY:														1.40	1.08	1962	26	3.6	11.	1952	1	4.7	.4	.1	
JUN:														1.57	.94	1959	28	.4	5.	1951	3	4.8	.6	0.0	
JUL:														1.45	1.40	1965	23	0.0	0.	0	0	4.4	.7	.1	
AUG:														1.87	.97	1952	10	0.0	0.	0	0	5.8	.8	0.0	
SEP:														1.69	1.65	1961	24	5.8	0.	0	0	5.1	1.3	.2	
OCT:														1.12	.85	1969	4	5.3	12.	1951	21	3.1	.9	0.0	
NOV:														1.10	.76	1958	16	14.5	12.	1954	30	3.3	.6	0.0	
DEC:														1.14	1.40	1951	30	23.7				3.2	.4	.1	
ANNUAL														16.1				122.				52.	7.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.17	.37	.53	.19	.32	0.00	.35	.44	0.00	.14	.33	.31	10.26
.10	.26	.47	.65	.28	.45	.45	.70	.82	.23	.23	.50	.49	11.31
.20	.43	.61	.88	.44	.66	.74	.70	1.18	.51	.38	.70	.58	13.66
.30	.59	.74	1.06	.59	.84	.97	.89	1.30	.77	.54	.72	.72	15.70
.40	.75	.86	1.22	.75	1.03	1.19	1.07	1.50	1.04	.71	.85	.87	18.64
.50	.93	.98	1.39	.91	1.22	1.41	1.27	1.72	1.34	.89	.99	1.01	21.55
.60	1.14	1.12	1.58	1.10	1.44	1.66	1.49	1.96	1.58	1.10	1.14	1.18	26.50
.70	1.39	1.27	1.80	1.33	1.70	1.95	1.75	2.33	2.00	1.37	1.31	1.37	31.56
.80	1.73	1.47	2.27	1.70	2.04	2.30	2.09	3.08	2.67	1.73	1.54	1.62	38.86
.90	2.28	1.79	3.00	2.14	2.53	2.80	2.64	4.03	3.60	2.32	1.89	2.01	50.75
.95	2.81	2.07	4.00	2.61	3.09	3.45	3.15	5.63	4.51	2.89	2.22	2.38	72.41
ALPHA	1.75	4.01	4.19	1.95	2.53	2.96	2.65	4.01	1.66	1.54	3.39	3.01	18.17
BETA	.65	.27	.36	.56	.55	.56	.55	.47	1.14	.72	.32	.38	.87
Q	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	.05	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

PARSHALL

05 6342 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951						3.13	.85	2.32	1.55	2.33	.73	4.02	
1952	1.84	1.08	2.05	.82	2.23	.87	1.93	3.85	.86	.33	1.80	.55	17.94
1953	.63	.35	.93	1.35	1.38	.81	1.46	1.66	T	1.05	.88		
1954	.650	.75	1.39	.41	1.27	.72	1.15	1.11	2.57	.98	1.37	.53	12.65*
1955	.42	1.35	1.71	.46	1.70	1.39	1.77	3.44	.540	.970	2.370	.830	16.22*
1956								1.46	.11	.64	.67	1.62	
1957	2.69	.91	3.01	3.40	2.95	1.90	2.46	1.86	.80		.30	.63	
1958	.52	.82	1.44	.82	.94	1.29	1.17	.90	.92	1.30	1.36	.53	12.03
1959	1.82	2.28	1.38	1.20	2.01	1.54	1.42	1.61	4.16	2.26	.22	.57	25.47
1960	.25	1.63	1.58	1.23	1.75	.36	.93	1.63	1.13	1.77	.65	.73	12.91
1961	.40	1.07	1.17	2.05	1.43	.95	2.32	2.76	7.33	.74	.97	.73	21.42
1962	1.870	1.39	.63	1.30	2.85	1.35	.64	1.23	.87	.45	.65	.53	13.20*
1963	1.96	.97	1.50	.95	.33	3.13	.12	3.98	.73	.72	.36	.73	14.55
1964	1.28	1.26	2.56	.56	.58	1.52	.83	2.59	1.21	.83	1.45	1.93	18.65
1965	2.55	.75	3.19	.70	1.10	1.75	4.31	1.07	3.37	.20	1.70	1.42	22.11
1966	.09	.33	.45	.86	1.27	.94	1.14	.40	1.06	.87	.63	1.75	5.73
1967	.92	2.15	1.39	.52	.19	3.62	1.69	1.10	1.73	1.10	1.35	1.25	16.69
1968	.38	1.56	.68	.60	.95	T	.74	1.71	1.78	.25	1.72	.83E	11.15*
1969	1.50	.73	.85	1.75	1.87	3.76	1.24	1.56	.64	3.32	.70	1.53	23.07
1970	.83	.50	1.30	1.57	.42	1.13	.86	1.54	2.42	2.10	2.16	.87	15.70

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51												6.5	
51-52	T	T		21.2	15.7	84.5	34.9	24.2	37.5	11.0		.3	
52-53	.0	T	.0	T	24.5	14.7	23.5	10.0	17.2	25.3	28.0	.3	143.2
53-54	T	.0	.0	6.5	16.0			8.0	17.8	1.0	2.3	T	
54-55	.0	.0	.0	5.5	13.5	8.3	7.0	12.1	21.9	5.0	2.0	T	75.3
55-56	.0	.0											
56-57	.0	.0	.0					9.0	13.0	30.0	.0	.3	
57-58	.0	.0	T								.0	.3	
58-59	.0	.0	.3		6.0		23.0	21.0	13.0	15.0	8.0	.0	
59-60	.0	.0	19.0		5.0		3.0	21.0	14.0	3.0	T	.0	
60-61	.0	T	.0	8.0	17.0	10.0	5.0	17.5	13.0	33.5		.0	
61-62	.0	.3	61.3		22.3						.0	.3	
62-63	.0	.0	.0	.0	.0	8.0	33.0	17.0		.0	.0	.0	
63-64	.0	.0	.0	3.0							.0	.0	
64-65	.0	.0	.0	4.0	17.0				6.0	.0	.0	.0	
65-66	.0	.0	7.0	.0	21.0	8.5		5.5	5.0	9.0	2.0	.0	
66-67	.0	.0	.0	10.0	7.0	32.0	22.0	41.0	22.0		T	.0	
67-68	.0	.0			16.5			33.0		18.3	12.0	.3	
68-69	.0			6.0	37.0								
69-70	.0	.0									.0	.3	

CLIMATOLOGY REPORT NO. 77-1

PENROSE

05 6410 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAS		EXTREMES				MEAN NO OF DAYS						SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW												
JAN															.29	.55	1960	14	1.2	4.	1951	31	1.4	.1	0.0
FEB															.30	.39	1957	28	5.4	0.	0	0	1.0	0.0	0.0
MAR															.66	1.25	1965	25	6.2	3.	1952	13	1.5	.3	.1
APR															1.30	2.45	1956	15	2.2	3.	1952	9	1.6	.5	.2
MAY															1.40	2.25	1967	26	0.0	0.	0	0	1.5	.7	.3
JUN															1.22	1.12	1962	3	0.0	0.	0	0	3.3	1.0	.3
JUL															2.03	3.00	1966	14	0.0	0.	0	0	5.1	1.9	.6
AUG															2.25	2.25	1969	22	0.0	0.	0	0	5.2	1.9	.4
SEP															1.17	1.63	1960	9	1.5	0.	0	0	3.1	.9	.4
OCT															.93	1.60	1959	1	1.5	0.	0	0	1.8	.5	.1
NOV															.46	.95	1967	4	2.9	2.	1952	24	1.1	.1	0.0
DEC															.37	.65	1967	21	3.4	4.	1951	13	1.1	.1	0.0
ANNUAL															12.4				24.				28.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.32	0.00	0.00	0.00	0.00	6.46
.10	0.00	.04	0.00	.15	.12	.15	.34	.51	0.00	0.00	0.05	0.00	7.46
.20	0.00	.09	0.00	.26	.21	.30	.70	.83	0.00	0.00	.17	0.00	8.80
.30	.13	.13	.39	.54	.56	.47	1.01	1.15	.64	0.00	.17	.03	9.86
.40	.19	.14	.49	.77	.79	.66	1.13	1.47	.83	.22	.18	.10	10.83
.50	.25	.24	.60	1.00	1.05	.88	1.67	1.83	1.02	.63	.34	.25	11.80
.60	.31	.30	.71	1.27	1.35	1.14	2.06	2.24	1.24	.88	.44	.34	12.80
.70	.38	.38	.84	1.61	1.73	1.48	2.53	2.75	1.49	1.19	.56	.46	13.98
.80	.48	.48	1.01	2.07	2.24	1.96	3.43	3.43	1.82	1.60	.73	.63	15.42
.90	.62	.64	1.27	2.83	3.10	2.76	4.54	4.54	2.35	2.00	.91	.91	17.57
.95	.76	.82	1.51	3.57	3.95	3.55	5.62	5.62	2.84	2.97	1.29	1.19	19.49
ALPHA	2.39	1.47	2.92	1.43	1.32	1.10	1.84	1.71	2.42	1.29	1.31	1.13	9.31
BETA	.15	.22	.25	.28	.28	0.17	0.16	0.17	.54	.90	.37	.39	1.31
Q	.20	.05	.10	.05	.05	0.00	.05	0.00	.10	.20	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

PENROSE

05 6410 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.39	.28	.94	.57	2.17	.24	1.13	1.75	.33	1.40	1.39	.31	13.60
1952	.00	.17	.64	2.82	.62	.03	.22	2.74	.20	.33	.68	.35	8.50
1953	.00	.14	.26	1.53	1.21	.22	1.49	1.33	.00	.79	.59	.54	8.10
1954	.15	.04	.260	.40	.71	.68	.66	1.05	.31	.21	.21	.10	4.79*
1955	.13	.18	.11	.05	4.15	.47	1.42	1.65	.75	.30	.15	.23	9.26
1956	.66	.18	.52	2.82	.72	1.89	1.85	.93	.00	.30	.15	.37	13.13
1957	.25	.39	.62	3.65				2.65	.54	.80	1.47	.00	
1958	.35	.35	1.59	.93	2.84	.64	1.16	1.52	.30	.32	.29	.05	11.35
1959	.68	.43	1.02	1.73	2.31	.62	.31	1.97	2.41	3.57	.30	.03	15.28
1960	.65	.31	.68	.63	2.07	1.38	2.51	.41	2.53	1.930	.03	.95	14.13*
1961	.12	1.44	.74	.36	.80	1.93	4.35	4.00	1.55	.30	.45	.86	17.37
1962	.50	.40	.33	2.10	T	2.22	1.14	.30	.31	.60	.70	.10	9.20
1963	.65	.04	.90	.00	.04	1.46	T	6.71	1.97	.30	.14	.57	12.78
1964	.15	.50	1.40	.76	.70	.61	.75	.65	1.40	.00	.73	.28	7.93
1965	.25	.63	1.37	3.95	.70	3.01	2.05	5.95	1.50	.70	T	T	20.11
1966	.34	.15	.00	.72	.85	1.10	8.40	1.05	1.60	.00	.02	.00	14.23
1967	T	.23	.00	1.20	3.24	4.05	2.60	.50	2.54	1.15	.95	1.55	18.01
1968	.05	.05	.70	.40	.14	.05	3.85	3.90	1.75	.50	.45	.25	12.59
1969	.00	.15	.50	.75	2.55	1.25	1.70	3.45	1.25	3.25E	.25	.85	15.95*
1970	.40	.00	.59	1.30	.70	1.45	2.33	2.50	1.15	1.75	.48	.35	12.67

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								4.2	7.6	2.5	.0	.0	
51-52	.0	.0	T	3.0	11.5	4.0	.0	2.0			.0	.0	
52-53	.0	.0	.0	.0			.0				.0	.0	
53-54	.0	.0	.0	.0						.0		.0	
54-55	.0	.0	.0	.0	.0	2.0	.0				.0	.0	
55-56	.0	.0	.0	.0							.0	.0	
56-57	.0	.0	.0	.0				.0				.0	
57-58	.0	.0	.0	.0		.0		4.0		.0	.0	.0	
58-59	.0	.0	.0	.0	7.0			11.0	13.0	13.0	.0	.0	
59-60	.0	.0	30.0	13.0		.0		11.0		.0	.0	.0	
60-61	.0	.0	.0			10.5		12.2		.0	.0	.0	
61-62	.0	.0	.0	8.0		15.0	6.0	5.0	4.0	13.0	.0	.0	
62-63	.0	.0	.0	.0	.0	3.0		3.0	8.0	.0	.0	.0	
63-64	.0	.0	.0	4.0	.0	.0					.0	.0	
64-65	.0	.0	.0	.0	11.0	3.0	2.5	18.5		.0	.0	.0	
65-66	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	
66-67	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	
67-68	.0	.0	.0	.0					.0	.0	.0	.0	
68-69	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
69-70	.0	.0	.0	.0				.0	.0	.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

PITKIN

05 6513 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS				EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	27.2	-3.1	12.1	49.	1969	14	-20.	1967	8	0.0	22.0	31.0	19.3	1.75	1.10	1957	13	25.1	70.	1952	26	5.5	1.1	.2
FEB	29.5	-3.0	13.3	45.	1967	25	-31.	1965	13	0.0	16.9	28.3	18.7	1.23	1.00	1963	1	17.8	61.	1952	1	5.2	.5	.1
MAR	35.5	4.2	19.9	57.	1966	31	-30.	1965	3	0.0	11.1	31.0	10.4	1.40	.90	1958	16	20.0	54.	1965	27	5.6	.3	0.0
APR	46.9	15.5	31.2	68.	1969	22	-9.	1966	5	0.0	1.3	29.9	1.4	1.35	1.00	1958	8	17.0	43.	1965	2	5.1	.8	.1
MAY	59.7	23.7	41.7	76.	1969	27	2.	1970	2	0.0	0.0	29.7	0.0	1.21	.60	1967	26	6.4	13.	1958	1	5.1	.4	0.0
JUN	67.3	29.2	48.2	81.	1968	23	18.	1970	1	0.0	0.0	24.4	0.0	1.12	1.50	1969	26	.7	2.	1965	11	4.2	.5	.1
JUL	74.6	37.1	55.9	83.	1966	18	21.	1968	1	0.0	0.0	4.1	0.0	2.16	.95	1952	25	0.0	0.	0	0	6.9	1.4	0.0
AUG	71.3	36.0	53.7	82.	1966	1	22.	1968	24	0.0	0.0	7.8	0.0	2.22	1.20	1968	10	0.0	0.	0	0	7.8	1.1	.2
SEP	65.2	28.3	46.8	77.	1966	23	12.	1970	26	0.0	0.0	24.5	0.0	1.50	1.30	1970	12	1.8	8.	1961	3	5.2	1.1	.1
OCT	55.0	19.2	37.1	72.	1963	2	-2.	1967	30	0.0	.4	30.6	.3	1.06	2.00	1969	2	7.0	23.	1969	3	3.6	.5	.1
NOV	43.9	9.7	25.3	57.	1967	15	-21.	1969	18	0.0	4.5	30.0	5.8	1.20	1.10	1953	5	16.1	20.	1965	26	4.2	.5	.1
DEC	29.5	-4	14.6	45.	1966	1	-28.	1964	13	0.0	20.4	31.0	16.9	1.74	2.00	1966	6	23.8	52.	1951	31	5.4	.9	.1
ANNUAL	51.3	16.5	33.4							0.	76.	302.	73.	18.0				136.				64.	9.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.32	.50	.45	.50	.32	.09	.65	.53	0.00	0.00	.57	.48	12.37
.10	.48	.61	.59	.63	.43	.17	.85	.74	0.00	.23	.68	.65	13.44
.20	.74	.77	.78	.81	.61	.32	.67	1.06	.62	.43	.82	.90	14.81
.30	.97	.90	.95	.96	.76	.47	1.26	1.35	.88	.59	.96	1.12	15.86
.40	1.22	.93	1.11	1.11	.91	.64	1.55	1.64	1.11	.74	1.04	1.33	16.79
.50	1.48	1.15	1.28	1.26	1.07	.84	1.86	1.95	1.35	.91	1.15	1.56	17.70
.60	1.77	1.29	1.46	1.42	1.25	1.07	2.21	2.29	1.61	1.09	1.26	1.81	18.64
.70	2.03	1.64	1.67	1.60	1.45	1.36	2.63	2.70	1.91	1.32	1.39	2.10	19.67
.80	2.31	1.84	1.85	1.84	1.73	1.77	3.18	3.23	2.24	1.61	1.56	2.48	20.94
.90	2.59	2.05	2.08	2.21	2.15	2.44	4.07	4.08	2.40	2.01	1.80	3.08	22.78
.95	4.10	2.21	2.77	2.55	2.56	3.10	4.90	4.87	3.45	2.51	2.03	3.64	24.38
ALPHA	2.07	5.35	3.70	4.52	2.88	1.25	2.31	2.60	2.85	2.26	7.21	3.06	23.91
BETA	.84	.23	.38	.30	.42	.90	.34	.86	.58	.49	.17	.57	.75
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.10	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.00	1.25	.90	1.35	.40	.45	.33	2.65	.60	.90	1.65	4.80	17.25
1952	2.60	.60	1.55	1.00	.80	.60	2.95	1.70	1.40	.00	1.10	1.05	15.35
1953	2.05	.75	2.20	1.95	2.20	1.10	3.00	1.35	.30	1.30	1.55	.90	18.25
1954	.80	.65	1.70	.40	1.70	.15	2.35	1.15	2.60	.80	1.10	.90	14.20
1955	1.05	1.20	1.55	1.00	1.45	.35	2.85	3.45	.70	.50	1.10	1.70	15.90
1956	3.20	1.65	.50	2.05	.70	.50	.60	1.60	.65	1.20	1.10	1.40	15.15
1957	4.40	1.30	.95	2.00	3.35	1.10	4.20	2.25	.30	1.40	1.50	1.60	23.95
1958	.60	2.00	2.00	2.10	.50	.40	.25	.85	1.05	.20	1.00	1.00	11.95
1959	.50	2.80	1.15	1.75	.55	.60	1.50	2.05	3.00	1.25	.50	.50	16.55
1960	.50	1.90	2.10	1.40	1.05	.35	1.60	.30	.40	.90	1.00	1.30	12.70
1961	.40	1.00	2.00	2.80	1.20	.25	1.45	1.90	3.50	1.80	1.55	1.20	19.05
1962	3.50	1.90	.90	1.05	.75	.20	1.60	.40	1.90	.90	.60	1.20	14.90
1963	3.10	1.60	1.10	.60	.25	1.40	1.65	4.45	1.45	1.20	.90	1.10	15.80
1964	.90	.65	2.85	1.30	1.50	1.20	2.30	2.10	1.30	.10	1.30	3.70	15.90
1965	1.90	.90	2.00	.60	1.30	1.95	2.90	2.20	2.20	.80	2.70	1.25	20.60
1966	.40	.85	.45	2.00	1.50	2.30	.35	1.05	.70	1.10	.80	4.45	16.45
1967	1.50	.80	1.00	.60	1.90	1.45	1.65	3.60	1.85	1.00	1.20	2.50	19.05
1968	1.60	1.15	.55	1.40	1.40	.20	3.60	4.30	1.10	.50	1.10	1.50	17.70
1969	3.40	.90	.50	.90	1.20	4.50	3.50	3.65	1.85	3.60	.30	1.45	26.75
1970	.75	.70	2.15	.75	.45	3.35	4.55	3.50	3.70	1.90	1.75	1.05	24.60

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				4.0	20.0	64.0	26.0	14.0	12.0	11.0	1.0	.0	170.0
51-52	.0	.0	.0	.0	18.0	17.0	43.0	11.0	21.0	9.0	.0	.0	152.0
52-53	.0	.0	.0	.0	21.0	13.0	13.0	8.0	18.0	.0	5.0	2.0	88.0
53-54	.0	.0	.0	8.0	10.5	10.0	13.0	14.0	19.0	10.0	7.0	.0	94.5
54-55	.0	.0	.0	1.0	10.5	23.0	45.0	27.0	9.5	28.0	4.0	.0	154.5
55-56	.0	.0	.0	5.0	13.0	23.0	62.0	19.0	13.0	30.0	22.0	.0	194.0
56-57	.0	.0	1.0	13.0	14.0	20.0	62.0	19.0	13.0	30.0	22.0	.0	194.0
57-58	.0	.0	.0	6.0	25.0	26.0	11.0	32.0	30.0	29.0	1.0	.0	160.0
58-59	.0	.0	.0	2.0	12.0	15.0	15.0	40.0	16.0	17.0	.0	.0	115.0
59-60	.0	.0	9.0	10.0	7.0	7.0	7.0	26.0	30.0	10.0	6.0	.0	112.0
60-61	.0	.0	.0	6.0	12.0	22.0	6.0	14.0	25.0	34.0	13.0	.0	133.0
61-62	.0	.0	12.0	12.0	20.0	20.0	49.0	29.0	16.0	17.0	5.0	.0	180.0
62-63	.0	.0	.0	3.0	9.0	19.0	41.0	15.0	13.0	11.0	.0	2.0	112.0
63-64	.0	.0	.0	5.0	13.0	16.0	14.0	10.0	46.0	16.0	12.0	T	132.0
64-65	.0	.0	.0	1.0	22.0	56.0	27.0	13.0	35.0	8.0	13.2	6.0	161.2
65-66	.0	.0	8.0	2.0	33.0	16.0	7.0	14.0	7.0	25.0	8.0	.0	121.0
66-67	.0	.0	.0	4.0	10.0	24.0	24.0	14.0	13.0	4.0	7.0	.0	134.0
67-68	.0	.0	.0	3.0	18.0	35.0	16.0	18.0	8.0	17.0	8.0	.0	124.0
68-69	.0	.0	.0	2.0	16.0	20.0	43.0	14.0	8.0	7.0	1.0	T	111.0
69-70	.0	.0	.0	36.5	12.0	32.0	11.5	12.0	29.5	24.5	1.0	4.0	163.0

PITKIN

05 6513 2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963								72.1	69.3	61.0	44.0	29.9	
1964	24.5	25.0	31.0	44.5	59.8	67.7	76.1	69.6	64.2	59.8	40.0	27.0	49.1
1965	28.9	27.5	29.4	46.6	56.5	65.1	72.5	69.3	59.8	59.6	41.1	32.1	49.1
1966	23.1	26.1	40.6	49.8	62.8	68.2	73.1	75.2	63.6	56.3	44.3	26.6	51.7
1967	27.2	31.3	42.6	50.2	57.0	66.0	74.3	69.9	65.1	57.3	43.7	27.4	51.0
1968	27.0	33.1	38.4	42.8	56.8	71.7	73.7	67.6	64.4	56.9	36.9	30.6	50.0
1969	33.5	28.4	33.0	52.2	64.1	64.6	74.4	74.4	66.9	40.8	37.5	33.2	50.4
1970	26.1	35.2	33.4	41.7	60.8	67.5	73.4	72.5	62.3	46.1	39.5	29.4	49.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963								39.2	32.1	24.8	11.0	- 2.4	
1964	- 8.8	- 9.3	- .5	14.8	23.2	28.4	37.4	34.7	29.1	13.0	9.6	.3	14.7
1965	2.0	- 4.6	3.7	17.8	24.3	29.4	37.7	34.0	27.9	19.9	13.3	2.9	17.4
1966	-10.2	- 7.5	5.7	16.8	24.4	29.9	38.2	34.2	27.2	19.3	12.1	- 1.2	15.7
1967	- 1.0	- 1.9	12.0	18.0	23.3	30.2	37.5	33.9	29.1	18.9	9.8	- 1.4	17.4
1968	- 2.9	2.1	4.8	13.5	22.5	28.5	35.1	34.9	24.4	14.6	5.3	- 2.6	15.4
1969	3.0	- 3.3	- .1	13.1	26.5	29.3	37.5	33.7	30.3	16.3	3.9	1.6	16.8
1970	- 4.0	3.7	4.0	9.8	21.4	28.4	35.5	38.2	27.2	16.8	12.5	.3	16.1

PIITKIN

05 6513 2

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963								55.7	50.7	42.9	27.5	13.8	
1964	7.9	7.3	15.3	29.7	41.5	46.1	55.8	52.2	46.2	39.4	24.8	13.7	32.0
1965	15.5	11.5	16.6	32.3	40.4	47.3	55.1	51.7	43.3	39.8	27.2	17.5	33.2
1966	6.5	9.3	23.2	33.3	43.6	49.1	58.2	54.7	48.4	37.8	28.2	12.7	33.8
1967	13.1	14.7	27.3	34.1	40.2	48.1	55.9	51.9	47.1	38.1	26.8	13.3	34.2
1968	12.1	17.6	21.6	28.2	39.7	50.1	54.3	51.4	44.4	37.3	21.1	14.0	32.7
1969	18.3	12.6	16.5	35.2	45.3	47.0	56.0	55.6	48.6	29.6	20.7	17.4	33.7
1970	11.1	13.5	18.7	25.6	41.1	48.0	54.5	55.4	44.8	31.5	26.0	14.7	32.6

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PLACERVILLE

05 6524 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)									
	MEANS			EXTREMES						MEAN NO OF DAYS			SIGN. SLEET				MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW											
JAN																						
FEB																						
MAR																						
APR																						
MAY																						
JUN																						
JUL																						
AUG																						
SEP																						
OCT																						
NOV																						
DEC																						
ANNUAL																						

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.18	.18	0.00	0.00	0.00	0.00	.12	.39	0.00	0.00	.15	.33	5.16
.10	.26	.27	.12	.14	0.00	0.00	.24	.57	0.00	0.00	.24	.44	7.22
.20	.41	.42	.31	.34	.29	0.00	.48	.87	0.00	.25	.39	.60	9.52
.30	.55	.57	.49	.52	.48	.30	.74	1.14	.26	.45	.54	.73	11.07
.40	.65	.72	.69	.71	.67	.35	1.04	1.42	.55	.67	.69	.87	12.73
.50	.85	.88	.92	.92	.86	.50	1.39	1.72	.87	.90	.86	1.01	14.44
.60	1.03	1.07	1.19	1.17	1.08	.67	1.62	2.06	1.26	1.18	1.05	1.16	16.29
.70	1.25	1.30	1.53	1.47	1.35	.87	2.36	2.47	1.75	1.52	1.28	1.34	18.63
.80	1.54	1.61	1.99	1.88	1.70	1.14	3.12	3.01	2.43	1.98	1.60	1.57	21.17
.90	2.00	2.10	2.76	2.56	2.27	1.57	4.41	3.88	3.58	2.75	2.12	1.93	25.39
.95	2.45	2.58	3.51	3.22	2.82	1.98	5.09	4.71	4.72	3.50	2.62	2.26	29.25
ALPHA	1.94	1.88	1.29	1.49	1.80	1.66	1.08	2.13	1.12	1.38	1.72	3.36	4.51
BETA	.53	.57	1.01	.84	.66	.51	1.80	.95	1.58	.98	.61	.33	3.45
Q	0.00	0.00	.05	.05	.11	.21	0.00	0.00	.21	.11	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

PLACEVILLE

05 6524 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.31	.29	.22	.21	.55	.13	.30	.56	.37	.26	.39		
1952	.44	1.14	.73	.62	.33	.00	.70	.66	.28	.00	.51	.60	6.27
1953	.49	.33	.93	.81	.54	.19	.37	.38	.13	.29	.25	.23	4.99
1954											.72		
1955	.900	1.450	1.000	1.380	1.810	.620	.28	2.91	T	.19	.90	.93	12.37*
1956	2.40	.07	.04	.24	.76	.89	.79	.35	.30	1.10	.300	1.15	8.33*
1957	2.050	.65	1.53	1.87	3.60	.08	4.43	3.63	.00	2.98	2.40	.73	23.81*
1958	1.67	1.79	.96	.78	T	.00	.28	2.52	1.75	1.40	1.04	.59	12.78
1959	.42	.90	1.40	1.00	.19	.55	.29	3.36	2.04	2.45	.30	.49	13.99
1960	1.320	1.99	2.44	1.37	.82	.72	.80	.36	1.05	1.11	1.40	.90	14.24*
1961	.95	1.18	2.63	1.26	.66	T	.95	2.15	1.85	2.25	.89	.45	15.22
1962	.16	1.61	.23	.83	1.62	.72	.63	.95	1.50	.41	3.75	.43	12.84
1963	.42	.98	1.27	.07	.34	.57	.68	1.78	.00	2.32	.64	1.220	13.29*
1964	1.33	1.46	4.52	3.66	1.50	.67	3.01	2.28	6.10	.00	1.94	2.07	24.54
1965	2.03	2.15	1.38	3.99	3.29	1.69	9.370	2.32	1.49	.55	1.53	1.79	31.58*
1966	.15	.750	T	.83	.55	.57	.86	2.71	.76	.23	.57	1.92	9.91*
1967	.76	.13	.94	.45	1.77	1.46	3.03	2.32	.55	.91	.10	1.51	13.83
1968	.650	1.12	.22	1.76	.75	T	3.05	2.86	T	.45	.75	1.83	13.45*
1969	1.62	1.70	.70	T	1.03	2.51	2.47	3.68	3.28	3.23	1.18	1.53	22.93
1970	1.37	.56	2.33	1.42	.00	1.24	4.18	2.66	5.17	2.99	1.47	1.57	24.96

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							10.0	2.5	1.2	7.1		.0	
51-52	T	.0	.0	1.5		37.8	8.7		11.6	.8	T	.0	
52-53	T	T	3.0	.0	12.0	26.0		4.4	10.3		.0	.0	
53-54	T	T	.0	T									
54-55												.0	
55-56	.0	.0	.0	.0		1.9	16.0	5.0	3.5	3.5	T	.0	
56-57	.0	.0	.0									.0	
57-58	.0	.0	.0		15.0	6.0	21.8	10.9	5.8	T	T	.0	
58-59	.0	.0	.0	T	10.1	6.3		3.4	6.5	2.0	.0	.0	
59-60	.0	.0			T			13.0	22.0	.0	T	.0	
60-61	.0	.0	.0	T	8.5	17.0	8.0	8.0	27.0	6.0	T	.0	74.5
61-62	.0	.0	.0	5.0	16.0	8.0	3.0	14.5	3.5	.0	.0	.0	50.0
62-63	.0	.0	.0	.0	2.0	3.0	4.4	8.3	11.6	.0	.0	.0	29.3
63-64	.0	.0	.0	T	3.8	13.8	16.8	15.1	41.5	9.3	T	T	100.3
64-65	.0	.0	.0	.0	21.5	6.0	23.0	21.0	14.3	.5	.0	.0	91.3
65-66	.0	.0	.3	5.0	7.0	12.0	5.3	13.0	T	10.0	T	.0	52.6
66-67	.0	.0	.0	2.0	5.0	10.0	7.0	3.0	11.0	7.0	T	.0	45.0
67-68	.0	.0	.0	4.0	3.0	23.0	9.0	10.0	3.0	14.0	T	.0	66.0
68-69	.0	.0	.0	.0	9.0	17.0	10.0	14.0	6.0	T	.0	.0	56.0
69-70	.0	.0	.0	8.0	10.0	16.0	10.0	5.0	23.0	13.0	.0	.0	85.0

CLIMATOLOGY REPORT NO. 77-1

PUEBLO WBAP

05 6740 :

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S				EXTREMES				MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	45.3	13.4	29.4	74.			-28.	1959	4	0.0	5.7	30.4	4.6	.28	.42	1956	17	5.9	13.	1960	17	1.4	0.0	0.0
FEB	46.1	19.0	34.0	77.	1970	17	-31.			0.0	3.3	26.5	1.9	.34	.41	1962	17	4.7	5.	1965	15	1.4	0.0	0.0
MAR	54.1	24.3	39.2	84.	1966	31	-10.	1964	9	0.0	1.9	25.9	.6	.61	.57	1964	6	7.1	9.	1964	8	2.3	.1	0.0
APP	66.1	35.7	51.0	88.	1965	22	2.	1957	8	0.0	.1	9.2	0.0	.94	1.99	1967	13	2.9	5.	1958	2	2.2	.5	.1
MAY	76.9	46.5	61.7	97.	1970	18	27.	1962	1	2.9	0.0	.5	0.0	1.52	2.31	1957	15	0.0	0.	0	0	3.5	.7	.3
JUN	86.7	55.0	70.9	105.	1954	23	39.	1970	5	12.4	0.0	0.0	0.0	1.23	1.50	1961	1	0.0	0.	0	0	3.1	.7	.1
JUL	92.0	61.7	76.9	103.	1970	14	50.	1961	22	21.8	0.0	0.0	0.0	1.85	1.87	1968	2	0.0	0.	0	0	4.2	1.1	.2
AUG	89.4	59.6	74.5	104.	1969	8	40.	1968	24	17.2	0.0	0.0	0.0	1.81	2.95	1955	29	0.0	0.	0	0	3.6	1.0	.3
SEP	81.5	50.8	66.2	98.	1964	2	31.	1965	21	6.6	0.0	.2	0.0	.89	1.14	1959	29	.8	1.	1959	29	2.2	.5	.1
OCT	70.6	37.9	54.3	92.	1964	1	18.	1966	19	.2	0.0	7.1	0.0	.98	2.77	1957	8	1.1	4.	1969	12	2.1	.6	.1
NOV	57.0	25.5	41.3	78.	1965	1	-12.	1958	28	0.0	1.2	24.4	.3	.44	.58	1957	1	2.9	5.	1962	17	1.5	.1	0.0
DEC	46.1	17.3	33.2	77.	1970	8	-28.	1961	12	0.0	3.9	30.0	1.6	.28	.34	1967	12	4.2	10.	1967	16	1.1	0.0	0.0
ANNUAL	68.2	37.2	52.7							61.	16.	154.	9.	11.2				30.				28.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	0.00	.12	0.00	.18	.18	.43	.27	0.00	.02	0.00	0.00	5.73
.10	.05	.09	.17	.03	.30	.28	.61	.42	.13	.06	.02	0.00	6.65
.20	.08	.15	.26	.13	.51	.45	.88	.68	.29	.15	.07	.03	7.90
.30	.12	.21	.34	.26	.72	.63	1.12	.93	.43	.27	.13	.07	8.90
.40	.16	.28	.43	.36	.95	.81	1.36	1.19	.57	.41	.20	.12	9.82
.50	.21	.37	.50	.43	1.20	1.00	1.61	1.48	.73	.60	.28	.18	10.73
.60	.27	.46	.62	.59	1.50	1.23	1.90	1.81	.90	.84	.39	.25	11.70
.70	.34	.53	.74	1.12	1.66	1.50	2.24	2.21	1.12	1.15	.52	.34	12.40
.80	.44	.65	.90	1.55	2.36	1.87	2.68	2.75	1.40	1.61	.72	.47	14.17
.90	.60	.85	1.17	2.30	3.17	2.45	3.34	3.63	1.87	2.42	1.06	.69	16.22
.95	.76	.97	1.41	3.06	3.97	3.04	4.06	4.47	2.31	3.24	1.40	.91	18.06
ALPHA	1.33	2.75	2.15	.88	1.50	1.74	2.57	1.75	1.75	.76	.92	.98	8.63
BETA	.21	.13	.28	1.13	1.01	.70	.72	1.03	.54	1.29	.50	.32	1.29
Q	0.00	.06	0.00	.06	0.00	0.00	0.00	0.00	.06	0.00	.06	.12	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	.54	.27	.44	.58	1.88	.55	1.73	.80	.02	.70	.23	.13	7.87
1955	.11	.45	.16	.02	4.08	1.64	1.27	5.85	.33	.10	.19	.09	14.79
1956	.74	.21	.82	1.15	.52	.48	1.54	.58	T	.06	.25	.31	8.66
1957	.19	.25	.14	4.02	5.43	.84	2.29	2.18	.40	4.91	2.43	.61	23.09
1958	.07	.42	.90	.56	2.30	.94	.83	1.28	.68	1.29	.37	.02	5.66
1959	.76	.36	.85	1.35	2.09	1.14	.74	2.62	2.49	1.32	.31	T	13.73
1960	.66	.68	.76	.46	1.06	1.31	3.06	.08	1.21	2.19	.27	.83	12.54
1961	.04	.47	.69	.08	1.10	4.25	2.51	2.62	1.23	.11	.62	.64	14.37
1962	.24	.64	.95	1.41	.31	.78	1.92	.51	.20	.48	.77	.19	8.40
1963	.33	.28	.32	T	.39	.46	.25	2.28	.38	.25	.53	.44	6.51
1964	.04	.20	1.11	.03	1.88	.13	.73	2.79	1.11	.02	.26	.03	8.29
1965	.13	.71	.42	1.46	.30	2.79	2.41	2.59	1.12	.38	.31	.67	12.55
1966	.31	.17	.05	.24	.38	.79	1.68	1.34	1.65	.21	T	.14	6.27
1967	.13	.12	.23	2.03	1.25	2.03	3.53	1.07	.83	.79	.11	.33	13.11
1968	.10	.54	.78	.68	1.62	.23	4.41	.30	.52	.29	.43	.36	12.92
1969	.04	.05	.82	.54	.87	1.74	1.73	1.58	1.25	2.04	.48	.53	11.67
1970	.25	T	.92	1.32	.44	.77	.73	1.64	1.24	1.55	.45	T	9.28

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52													
52-53													
53-54							10.1	3.8	5.1	1.4	T	.0	
54-55	T	.0	.0	T	1.3	2.8	1.2	5.4	1.7	.2	T	T	12.6
55-56	.0	T	T	.4	1.7	1.7	13.4	5.6	12.7	.4	.0	.0	35.9
56-57	.0	.0	.0	.0	3.5	3.0	5.3	T	.8	21.2	.0	.0	33.8
57-58	.0	.0	.0	.6	8.7	.3	1.9	2.5	7.2	1.3	.0	.0	22.5
58-59	.0	.0	.0	T	5.5	.2	13.9	7.6	1.4	8.9	.0	.0	37.5
59-60	.0	.0	14.0	6.7	.5	.1	15.5	11.0	4.0	.8	.0	.0	50.6
60-61	.0	.0	.0	T	3.4	11.6	1.8	4.9	4.8	.5	T	.0	27.0
61-62	.0	.0	.0	.7	9.2	12.4	7.6	8.1	11.9	2.8	.0	.0	52.7
62-63	.0	.0	.0	.0	4.8	1.3	7.0	1.8	4.1	.0	.0	.0	19.0
63-64	.0	.0	.0	T	T	5.9	.5	4.0	15.7	.3	.0	.0	26.4
64-65	.0	.0	.0	.0	2.9	.0	5.4	14.4	9.4	.0	.0	.0	33.4
65-66	.0	.0	T	.0	.1	1.1	9.9	3.0	.5	1.3	.2	.0	16.1
66-67	.0	.0	.0	.1	T	2.6	1.7	1.2	3.0	.5	.0	.0	9.1
67-68	.0	.0	.0	T	1.3	15.3	2.9	6.6	9.3	4.6	T	.0	40.0
68-69	.0	.0	.0	.0	4.0	7.1	1.1	.6	12.7	.0	.0	.0	25.5
69-70	.0	.0	.0	3.9	2.8	5.9	3.3	T	15.3	5.6	.0	.0	36.8

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	43.4	51.3	57.8	60.9	75.0	90.6	94.2	93.2	85.6	69.5	61.2	53.5	69.1
1955	44.5	43.6	56.7	68.9	75.4	82.4	93.5	88.8	81.6	73.5	53.9	52.2	67.9
1956	45.6	42.8	56.4	67.1	78.4	93.3	90.5	87.4	86.6	75.3	52.3	51.5	68.6
1957	43.3	58.1	53.7	56.4	68.9	82.8	91.0	83.1	80.6	67.1	49.2	56.7	66.4
1958	49.3	51.6	45.3	61.9	79.8	87.5	83.9	81.7	82.8	71.1	57.6	50.3	68.2
1959	42.9	47.8	56.2	64.2	75.6	89.3	91.3	93.4	78.7	63.8	56.5	51.2	67.3
1960	38.6	35.2	52.5	68.8	75.5	87.5	84.3	81.7	82.5	69.0	58.2	41.4	65.9
1961	47.7	50.2	54.7	65.7	75.3	84.3	88.1	87.1	74.3	70.0	51.3	40.5	65.8
1962	40.6	51.0	53.1	67.7	80.6	84.5	83.5	82.3	81.1	74.4	57.6	52.3	68.7
1963	35.7	54.5	54.4	72.2	80.6	89.8	96.2	87.7	85.0	76.0	60.0	41.7	70.0
1964	49.1	43.5	49.3	65.8	78.2	85.1	95.4	90.1	82.6	74.6	56.6	51.2	63.6
1965	54.7	45.1	46.3	69.6	77.6	84.7	92.4	87.5	75.2	75.7	64.6	54.1	69.0
1966	42.4	46.6	63.2	67.7	81.5	87.7	95.1	85.5	81.8	69.3	59.9	46.1	69.0
1967	51.1	52.9	61.5	69.9	72.9	82.9	88.9	84.8	77.2	68.6	54.7	36.7	66.8
1968	41.5	47.2	57.1	64.8	72.7	83.3	88.9	87.1	83.9	75.0	54.0	46.1	67.3
1969	51.4	53.4	49.1	70.7	77.8	81.1	93.8	82.3	83.9	61.5	60.6	52.1	69.0
1970	48.1	59.1	53.1	66.0	81.7	90.7	95.6	85.1	82.3	64.3	61.3	57.6	71.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	13.0	19.0	22.2	33.6	46.7	57.9	64.3	59.5	53.8	39.4	27.8	17.6	37.9
1955	15.0	11.8	22.7	35.9	47.4	53.9	61.4	60.9	50.5	37.3	22.0	20.2	36.6
1956	13.7	12.9	25.0	34.8	48.6	59.2	61.0	58.3	51.2	38.8	21.6	16.3	37.0
1957	13.2	25.3	28.4	32.8	45.9	52.7	61.9	53.7	46.6	42.0	25.4	21.3	37.9
1958	15.5	24.3	25.2	34.2	49.7	56.1	59.9	60.5	52.4	39.0	24.7	20.6	38.5
1959	12.9	19.6	23.6	32.8	46.3	55.7	58.1	59.4	47.2	34.9	20.8	19.2	35.9
1960	8.1	13.9	24.3	38.2	43.9	55.4	58.9	58.6	51.7	39.5	26.1	18.2	36.4
1961	14.0	20.6	28.3	33.2	46.7	54.8	53.2	60.3	45.5	34.8	24.2	9.7	35.9
1962	6.3	20.2	20.6	37.7	45.2	53.3	53.4	57.7	50.9	38.9	28.4	19.7	36.5
1963	2.9	22.8	25.9	38.8	48.0	56.0	63.5	61.0	55.1	44.1	27.1	11.7	38.1
1964	17.3	11.8	18.5	33.2	44.4	52.6	61.1	56.6	51.6	35.0	26.6	19.8	35.7
1965	18.3	13.9	16.7	37.9	44.9	54.4	61.1	55.8	48.0	38.3	27.3	16.0	36.1
1966	8.6	17.2	25.0	33.0	43.2	53.8	64.6	58.8	52.2	33.6	25.2	13.0	35.7
1967	18.0	19.1	29.2	39.1	45.0	55.2	62.7	53.8	49.9	36.0	22.0	10.2	37.1
1968	14.3	23.3	28.4	35.9	45.9	53.6	60.1	55.8	52.1	40.8	26.6	15.5	37.7
1969	21.5	22.1	23.5	41.4	50.8	54.9	66.6	65.7	55.7	31.3	27.3	21.5	40.9
1970	15.3	24.4	25.2	35.6	48.6	55.5	65.0	64.5	49.1	35.7	29.9	19.1	39.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUJ
1951													
1952													
1953													
1954	28.2	35.2	38.0	47.3	60.9	74.3	79.3	74.9	69.8	54.5	44.5	35.6	53.5
1955	29.8	27.7	39.7	52.4	61.4	68.2	77.5	74.9	66.1	55.4	38.0	36.2	52.3
1956	29.7	27.9	40.7	49.0	63.5	76.3	75.8	72.9	63.3	57.1	37.0	35.2	52.8
1957	28.3	41.7	41.1	44.6	57.4	67.8	76.5	74.4	63.6	54.6	37.3	39.0	52.2
1958	32.4	38.0	35.3	48.1	64.8	71.8	74.4	76.1	67.6	55.1	41.2	35.5	53.4
1959	27.9	33.7	39.9	48.5	61.0	72.5	74.7	74.9	63.0	43.4	36.7	35.2	51.6
1960	23.4	24.6	34.4	53.5	59.7	71.5	74.1	75.2	67.1	54.3	42.2	29.8	51.2
1961	30.9	35.4	41.5	49.5	61.0	69.5	73.7	73.7	59.9	52.4	37.8	25.1	50.9
1962	23.5	35.6	36.9	52.7	62.9	68.9	74.5	75.0	66.2	56.7	43.0	36.0	52.6
1963	19.3	38.7	42.2	55.5	64.3	72.9	73.9	74.4	73.1	51.1	43.6	26.7	54.1
1964	33.2	27.7	33.9	49.5	61.3	69.4	73.8	73.4	67.1	54.8	41.6	35.5	52.2
1965	36.5	29.5	31.5	53.8	61.3	69.6	76.8	72.2	61.6	50.0	46.0	36.1	52.6
1966	25.5	31.9	44.1	50.4	62.4	70.8	79.9	72.7	67.0	51.5	42.6	29.6	52.4
1967	34.6	36.0	45.4	54.5	55.0	69.1	75.8	71.8	63.6	52.3	38.4	23.5	52.0
1968	27.9	35.3	42.8	50.2	59.3	71.5	74.5	71.5	68.0	57.9	40.3	31.8	52.5
1969	36.5	37.8	36.3	56.1	64.3	68.0	80.2	79.0	69.8	49.9	44.0	36.8	54.9
1970	31.7	41.8	39.2	50.8	65.2	73.1	80.3	73.8	65.7	50.0	45.6	38.4	55.1

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PUEBLO RESEVOIR

05 6743 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEANS			EXTREMES						MEAN NO OF DAYS		GREATEST				SNOW, SLEET			MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.0 OR MORE	.50 OR MORE	1.00 OR MORE
JAN														.21	.43	1960	14	4.3	12.	1960	15	.8	0.0	0.0
FEB														.23	.61	1962	18	2.0	6.	1962	18	1.1	.1	0.0
MAR														.53	.60	1952	21	2.5	12.	1964	8	1.7	.1	0.0
APR														.97	1.75	1957	2	2.5	4.	1962	8	2.3	.4	.1
MAY														1.90	3.02	1968	25	0.0	0.	0	0	3.6	1.1	.5
JUN														1.00	1.44	1965	5	0.0	0.	0	0	2.8	.5	.2
JUL														1.83	2.08	1969	20	0.0	0.	0	0	4.8	1.1	.2
AUG														1.95	2.35	1965	22	0.0	0.	0	0	3.9	1.2	.5
SEP														.91	1.24	1964	16	0.0	0.	0	0	2.3	.5	.2
OCT														.71	1.25	1959	1	.1	2.	1959	1	1.6	.5	.2
NOV														.41	.68	1957	7	.7	4.	1958	28	1.4	.1	0.0
DEC														.31	.98	1967	13		6.	1960	11	.9	.1	0.0
ANNUAL														11.0								27.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.08	0.00	.31	.19	.39	.32	0.00	0.00	0.00	0.00	6.44
.10	.01	.02	.12	0.00	.47	.28	.56	.44	.14	0.00	0.00	0.00	7.24
.20	.04	.06	.20	.15	.74	.42	.83	.77	.35	.07	.06	.02	8.31
.30	.07	.09	.27	.30	.81	.54	.90	.84	.49	.12	.12	.06	9.15
.40	.10	.13	.35	.47	.87	.60	.96	.91	.62	.20	.19	.10	9.91
.50	.14	.17	.43	.67	.90	.85	1.00	.96	.77	.34	.28	.19	10.63
.60	.19	.22	.53	.90	1.01	1.01	1.01	.96	.93	.49	.38	.27	11.43
.70	.25	.28	.65	1.20	1.32	1.22	1.23	1.03	1.13	.69	.50	.34	12.31
.80	.34	.37	.81	1.61	1.49	1.49	1.69	1.39	1.39	1.20	.68	.53	13.39
.90	.49	.51	1.07	2.31	3.75	1.93	3.44	3.46	1.82	1.72	.98	.80	14.99
.95	.64	.66	1.32	3.00	4.61	2.34	4.14	4.74	2.22	2.23	1.28	1.07	16.41
ALPHA	1.02	1.29	1.73	1.13	1.86	2.08	2.34	1.96	2.07	1.23	1.10	.93	12.79
BETA	.22	.19	.31	.96	1.02	0.48	.78	1.05	.46	.69	.42	.40	1.86
Q	.05	.05	0.00	.11	0.00	0.00	0.00	0.00	.05	.16	.11	.16	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.45	.14	.38	.60	2.20	.82	.93	2.22	.58	.97	.81	.17	10.33
1952	.03	.02	.80	2.21	1.34	.29	1.98	1.37	.62	.06	.30	.33	9.34
1953	.07	.03	.09	.53	1.44	.41	1.21	1.99	.15	.54	.22	.37	6.96
1954	.15	.01	.23	.21	2.04	1.34	1.16	1.49	.10	.52	.50	.05	7.80
1955	.04	.32	.09	T	5.27	.91	1.35	1.15	.80	.14	.10	.11	10.28
1956	.54	.26	.46	1.44	1.43	.51	1.41	.79	T	.09	.22	.37	7.52
1957	.13	.22	.41	3.85	4.44	1.60	1.90	1.13	.71	1.65	2.24	T	18.18
1958	.05	.39	.93	.84	3.00	.99	1.72	2.98	.83	1.97	.23	T	13.03
1959	.56	.23	1.04	1.10	1.48	.69	.32	2.09	1.73	2.27	.31	T	11.61
1960	.51	.66	.31	.89	1.00	.77	3.05	.05	.70	2.15	.26	.63	10.98
1961	.06	.32	.91	.15	1.02	1.95	2.26	3.69	1.33	.25	.47	.41	12.82
1962	.20	.67	.46	1.25	.48	.87	3.06	.38	.14	.33	.76	.01	8.61
1963	.21	.14	.22	.00	.52	.64	.11	4.42	1.72	.00	.36	.20	8.54
1964	T	.19	1.15	.02	1.38	.08	.00	1.42	1.61	.00	.27	.09	6.80
1965	.02	.47	.51	2.10	.26	2.17	2.75	5.13	.81	.37	T	.06	14.65
1966	.40	.19	.03	.18	.47	.35	2.32	2.52	.93	.38	.04	.300	8.17*
1967	.05	.16	.27	1.600	1.25	2.53	3.16	1.29	1.93	1.05	T	2.16	13.45*
1968	.47	.14	.48	.79	4.80	.39	3.24	1.75	1.06	.07	.61	.14	13.94
1969	.02	.05	.96	.58E	2.20	1.69	2.67	1.49	.67	1.65	.37E	.44E	12.78*
1970		.00	.88			1.01	1.49	1.77	1.75				

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51											T	.0	.0
51-52		.0	.0	.0			.0	T			.0	.0	.0
52-53	.0	.0	.0	.0					.0			.0	.0
53-54	.0	.0	.0	.0	.0					.0		.0	.0
54-55	.0	.0	.0	.0	.0					.0	.0	.0	.0
55-56	.0	.0	.0	.0							.0	.0	.0
56-57	.0	.0	.0	.0			2.6	T	.5	18.5	.0	.0	.0
57-58	.0	.0	.0	.0		T				T	.0	.0	.0
58-59	.0	.0	.0	T		T	6.5		T	3.0	.0	.0	.0
59-60	.0	.0	T	2.0	T	T	14.0	7.5	3.0	.0	.0	.0	26.5
60-61	.0	.0	.0	.0		2.0					.0	.0	.0
61-62	.0	.0	.0	.0	5.0					4.0	.0	.0	.0
62-63	.0	.0	.0	.0			5.0	1.0		.0	.0	.0	.0
63-64	.0	.0	.0	.0	.0		T	3.5			.0	.0	.0
64-65	.0	.0	.0	.0						.0	.0	.0	.0
65-66	.0	.0	.0	.0	.0						T	.0	.0
66-67	.0	.0	.0	.0	T		2.5	2.0			.0	.0	.0
67-68	.0	.0	.0	.0	T						.0	.0	.0
68-69	.0	.0	.0	.0	.0					.0	.0	.0	.0
69-70	.0	.0	.0	.0			4.0	.0	8.8		.0	.0	.0

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968					72.3M		89.8M	85.0M	80.8	71.7	53.0	45.4M	
1969	53.3	52.0	46.5M	70.5	78.0	83.0	92.1	91.4	82.2	65.0	59.6M	53.6	68.9*
1970	46.3	59.4	52.0M	65.5	82.4	87.9	94.5	93.5	82.7	67.2M		55.3	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968					50.2M		62.2M	59.1M	50.4	39.9	27.5	19.1M	
1969	23.8	22.0	22.8	41.8	48.3	53.9	64.3	61.1	51.8	31.8	25.0M	20.3	38.9*
1970	14.4	20.9	21.4M	33.5	46.1	53.0	63.1	61.5	44.8	32.8		16.3	

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968						61.3M	76.0M	72.6M	65.6	55.8	40.3	32.3M	
1969	38.6	37.0	34.7M	56.2	63.2	69.5	73.2	76.3	67.0	49.4	42.3M	37.0	54.0*
1970	30.4	40.2	36.7M	49.5	64.3	70.5	78.8	77.5	63.8	50.0M		37.1	

SEASON

50-51

51-52

52-53

53-54

54-55

55-56

56-57

57-58

58-59

59-60

60-61

61-62

62-63

63-64

64-65

65-66

66-67

67-68

68-69

69-70

70-71

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

PYRAMID

05 6797 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)													
	MEAN'S			EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN														1.76	.94	1970	28	35.1					6.1	.5	0.0
FEB														1.73	.86	1962	25	32.1					5.7	.7	0.0
MAR														1.82	1.02	1954	21	31.8					6.3	.2	.1
APR														1.94	1.25	1970	18	24.7					5.8	1.1	.1
MAY														1.35	1.32	1960	5	5.8	0.	0	0		4.2	.3	.1
JUN														1.24	.95	1957	15	.3	4.	1951	1		4.0	.8	0.0
JUL														1.30	.88	1965	22	0.0	0.	0	0		4.3	.6	0.0
AUG														1.92	1.63	1952	10	0.0	0.	0	0		6.0	.9	.1
SEP														1.53	2.90	1961	22	3.5	0.	0	0		4.0	.7	0.0
OCT														1.50	1.50	1970	7	9.4	1.	1964	31		3.3	.8	.2
NOV														1.62	.78	1969	17	22.3					4.9	.6	0.0
DEC														1.78	2.50	1969	5	29.8					5.1	.5	.2
ANNUAL														19.5				195.					60.	8.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.59	.66	.73	.76	.32	0.00	.32	.45	.08	0.00	.59	.44	13.60
.10	.76	.82	.89	.93	.45	0.00	.44	.63	.17	.04	.74	.61	14.74
.20	1.01	1.05	1.13	1.19	.64	.31	.63	1.10	.35	.81	.96	.87	15.20
.30	.72	1.24	1.33	1.40	.82	.53	.80	1.32	.56	.84	1.14	1.00	17.31
.40	.42	1.42	1.51	1.60	1.00	.74	.97	1.54	.79	1.06	1.32	1.10	18.20
.50	.63	1.61	1.70	1.81	1.18	.97	1.14	1.76	1.07	1.29	1.56	1.28	20.25
.60	.46	1.81	1.91	2.03	1.39	1.24	1.34	2.01	1.41	1.56	1.69	1.48	22.55
.70	.13	1.05	1.14	1.26	1.54	1.57	1.57	2.29	1.85	1.87	1.92	1.55	24.62
.80	.48	1.34	1.44	1.51	1.97	2.00	1.88	3.56	2.66	2.27	2.21	1.83	26.68
.90	.02	1.80	1.90	2.01	2.49	3.41	3.35	4.51	3.91	3.53	3.65	2.22	28.62
.95	.51	3.22	3.32	3.56	2.98	3.72	2.92	3.74	4.56	3.54	3.06	3.83	26.30
ALPHA	3.82	4.69	5.11	4.92	2.57	1.60	2.69	3.94	1.02	2.30	4.39	2.72	25.32
BETA	.47	.37	.36	.39	.53	.86	.48	.49	1.50	.69	.37	.65	.77
Q	0.00	0.00	0.00	0.00	0.00	.10	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

PYRAMID

05 6797 2

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.72	.73	.45	1.87	1.66	1.68	1.16	1.37	.45	2.05	1.33	3.53	18.55
1952	1.98	.81	2.28	.36	1.75	.25	.68	3.30	.13	.02	1.35	1.33	13.67
1953	2.37	.76	2.11	2.93	1.03	.40	2.11	.74	.03	.62	.89	1.65	15.69
1954	.89	1.21	2.02	2.05	.93	.39	.53	1.55	2.69	1.07	1.19	.95	16.38
1955	.96	1.61	1.57	1.46	.85	1.00	1.13	2.61	.20	1.68	4.46	1.18	18.71
1956	3.05	3.00	.61	2.47	1.62	.12	1.39	1.66	.20	1.02	1.97	1.95	19.01
1957	4.24	1.45	2.00	2.84	3.50	2.30	1.50	3.17	.65	2.10	1.91	1.94	27.50
1958	.75	2.59	1.82	1.69	.55	.75	.89	.76	2.24	.22	1.02	1.67	14.93
1959	1.56	2.44	3.14	1.92	1.39	2.60	.98	2.49	3.33	2.22	1.38	.31	22.76
1960	1.48	2.52	2.91	1.47	2.34	T	.560	1.380	1.06	1.01	1.60	1.03	17.43*
1961	.43	1.69	2.16	2.84	1.59	T	1.59	1.81	6.87	1.61	.93	.52	22.04
1962	2.44	3.61	2.00	2.25	.72	.75	.59	.68	.55	1.46	1.30	1.53	17.64
1963	1.25	1.13	1.15	1.04	.10	1.32	.15	3.24	1.33	.50	1.00	.55	12.76
1964	.95	1.33	2.13	1.97	1.13	1.89	1.57	2.60	.34	.56	1.58	3.40	19.95
1965	2.52	1.03	2.49	.97	1.85	1.92	3.73	2.39	3.16	.40	1.87	1.09	23.42
1966	1.06	1.28	.95	1.05	1.52	.28	2.69	2.17	1.02	2.56	.44	2.68	17.70
1967	1.82	2.25	1.65	1.73	1.89	2.80	1.31	1.16	2.37	1.39	1.46	2.65	22.48
1968	1.20	2.84	1.41	2.71	1.59	1.17	.36	2.55	.81	1.51	2.93	1.57	21.25
1969	2.70	.96	1.03	1.49	.39	3.94	1.10	2.21	2.01	3.98	1.77	4.09	25.67
1970	2.39	1.34	2.52	3.57	.64	1.80	1.67	.42	1.13	3.25	2.47	1.67	22.87

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							40.5	17.0	15.0	16.0	.0	4.0	
51-52	.0	.0	.0	13.5	27.0	60.0	51.5	23.5	43.3	7.0	.0	.0	225.0
52-53	.0	.0	.0	.0	14.0	20.0	45.3	18.0	36.0	36.0	14.0	.0	181.0
53-54	.0	.0	.0	3.0	10.0	34.0	25.3	24.0	40.0	37.0	11.0	T	184.0
54-55	.0	.0	.0	10.0	19.0	20.0	24.0	28.0	32.0	29.0	4.0	.3	169.0
55-56	.0	.0	T	10.0	64.0	34.0	51.0	63.0	13.0	29.0	.0	.0	264.0
56-57	.0	.0	.0	7.0	34.0	36.0	45.5	25.0	40.0	39.0	.0	.0	
57-58	.0	.0	T	T	28.0	52.0	13.0	51.0	41.0	26.0	6.0	.0	217.0
58-59	.0	.0	T	2.0	18.0	23.0	38.0	45.0	56.0	26.5	2.0	.3	210.5
59-60	.0	.0	7.0	15.0	12.0	5.5		46.0	44.0	19.0	15.0	.0	
60-61	.0	.0	.0	10.0	19.0	25.0	10.0	31.0	35.0	36.0	14.0	.3	180.0
61-62	.0	.0	51.0	18.0	16.0	22.0	52.0	73.0	28.0	26.0	.0	.3	286.0
62-63	.0	.0	.0	2.0	11.0	20.0	25.0	23.0	27.0	6.0	.0	.3	113.0
63-64	.0	.0	.0	2.0	14.0	10.0	21.0	30.0	40.0	31.0	14.0	.0	162.0
64-65	.0	.0	.0	.5	20.0	44.5	38.5	13.6	34.5	7.1	7.5	.3	166.2
65-66	.0	.0	11.3	T	17.0	17.5	17.5	22.5	16.0	8.5	5.0	.3	115.3
66-67	.0	.0	T	14.0	3.7	35.5	35.0	34.0	22.5	25.0	8.2	.3	181.9
67-68	.0	.0	T	6.5	22.5	43.0	14.0	30.0	19.5	34.5	8.0	.0	196.0
68-69	.0	.0	T	10.5	47.5	23.3	39.0	14.5	15.5	13.0	.0	1.0	164.3
69-70	.0	.0	.0	42.5	22.0	37.0	37.5	23.0	38.5	40.5	1.0	T	242.0

CLIMATOLOGY REPORT NO. 77-1

RANGELY

05 6832 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW												0 OR BELOW
JAN	32.5	1.5	17.0	54.	1963	31	-37.	1952	2	0.0	15.4	30.9	14.9	.57	.97	1956	16	6.2	16.	1952	19	2.5	.1	0.0
FEB	40.1	9.0	24.6	63.	1958	19	-32.	1951	1	0.0	6.2	28.1	7.3	.76	.95	1951	28	7.8	14.	1960	29	2.3	.2	0.0
MAR	49.4	19.2	34.3	74.	1956	24	-17.	1966	4	0.0	1.5	29.8	1.0	.67	1.00	1957	22	4.5	14.	1960	4	2.0	.3	.1
APR	63.1	31.0	47.1	86.	1954	28	11.	1960	17	0.0	0.0	18.5	0.0	.73	.70	1968	17	.8	2.	1952	1	2.8	.1	0.0
MAY	74.5	40.2	57.4	95.	1956	31	20.	1967	1	.9	0.0	3.5	0.0	.72	.71	1967	29	.1	0.	0	0	2.7	.2	0.0
JUN	85.1	47.5	66.3	104.	1954	23	30.	1968	30	10.5	0.0	.2	0.0	.68	2.00	1970	10	0.0	0.	0	0	1.8	.3	.1
JUL	92.5	54.1	73.3	102.	1960	27	40.	1956	2	23.0	0.0	0.0	0.0	.71	1.38	1964	13	0.0	0.	0	0	2.4	.3	.1
AUG	88.9	51.2	70.1	101.	1958	13	32.	1964	30	15.5	0.0	.1	0.0	1.10	1.42	1953	1	0.0	0.	0	0	3.1	.4	0.0
SEP	80.9	40.8	60.9	98.	1958	3	24.	1965	18	2.7	0.0	4.4	0.0	1.13	1.08	1963	6	0.0	0.	0	0	2.9	.7	.1
OCT	67.5	29.3	48.8	86.	1963	1	8.	1960	31	0.0	0.0	21.7	0.0	.83	1.25	1956	24	.1	0.	0	0	2.5	.5	.1
NOV	50.1	18.7	34.4	72.	1952	2	-18.	1969	18	0.0	1.7	28.7	1.0	.61	.68	1964	13	2.5	5.	1953	18	1.9	.2	0.0
DEC	35.6	6.2	20.9	60.	1966	1	-25.	1966	29	0.0	11.7	30.7	10.3	.63	.90	1951	30	6.4	6.	1969	26	2.0	.3	0.0
ANNUAL	62.6	28.5	45.6							53.	36.	197.	34.	9.1				28.				29.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.09	0.00	0.00	.07	0.00	0.00	.16	0.00	0.00	0.00	.07	4.90
.10	0.00	.15	.07	.17	.12	0.00	0.00	.25	0.00	0.00	.09	.12	5.62
.20	.19	.26	.17	.30	.21	.08	.12	.40	.13	.16	.19	.21	7.59
.30	.29	.34	.27	.41	.31	.21	.24	.56	.37	.33	.29	.30	7.35
.40	.38	.44	.38	.52	.42	.34	.37	.72	.59	.47	.38	.39	8.75
.50	.48	.60	.50	.63	.55	.48	.51	.89	.83	.63	.49	.50	9.44
.60	.59	.75	.65	.76	.69	.65	.67	1.09	1.11	.82	.61	.62	9.44
.70	.72	.93	.82	.91	.87	.86	.88	1.34	1.44	1.04	.77	.77	10.29
.80	.90	1.17	1.07	1.10	1.12	1.14	1.17	1.67	1.90	1.35	.97	.98	11.31
.90	1.17	1.57	1.47	1.61	1.54	1.61	1.65	2.22	2.64	1.85	1.30	1.32	12.83
.95	1.44	1.96	1.87	1.70	1.95	2.06	2.12	2.74	3.36	2.34	1.62	1.65	14.19
ALPHA	2.11	1.54	1.35	2.38	1.32	1.34	1.24	1.70	1.46	1.47	1.52	1.48	10.02
BETA	.30	.49	.52	.32	.54	.60	.64	.65	.92	.63	.40	.42	.90
Q	.10	0.00	.05	.05	0.00	.16	.11	0.00	.17	.11	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.45	1.40	.06	.71	1.05	.87	.28					2.08	
1952	.95	.12	1.02	.42	.34	.92	.94	2.32	.45	.00	.11	.87	8.46
1953	.65	.65	1.17	1.08	.75	.24	.27	1.83	T	.80	.95	.26	8.65
1954	.88	.13	1.39	.24	.68	.93	.77	.38	2.39	1.74	.75	.66	10.94
1955	.47	1.53	.31	.69	.35	.41	.4	1.21	.07	.58	.55	.03	6.34
1956	1.39	1.04	T	.72	.41	.00	.46	1.05	.00	1.67	.07	1.15	7.96
1957	1.90	.80	2.82	1.37	2.35	1.33	.92	3.21	.00	1.06	1.31	.50	17.57
1958	.10	1.15	.15	.15	.30	T	T	.20	1.21	T	.30D	.20	3.76*
1959	.20	.58	.10	.17	.35	.40	.35	1.82	1.72D	.48D	.00	.74	6.91*
1960	.30	1.00	1.10	.68	1.00	.12	.16	.29	.98	1.00D	.74	.36	7.73*
1961	T	.21	.88	.82	.85	T	.34	.86	4.35	1.48	.35	.37	10.51
1962	.59	2.62	.37	.40	.12	.41	T	.48	.59	.08	.69	.17	6.52
1963	.24	.07	.39	1.38	.08	.45	.18	1.83	1.63D	.03	1.02	.29	7.59*
1964	T	.35	.74	.72	.25	.28	1.81	.82	.69	.25	1.45	1.43	8.79
1965	.91	.72	.21	.40	1.62	1.65	2.17	.49	2.19D	.93	1.52	1.05	13.86*
1966	.38	.53	.69	.00	.14	.06	1.76	.73	.95	1.59	.24	.76	7.83
1967	.33	.52			1.73					.62	.08	.76	
1968	.27	.70	.42	2.21	1.58	.36	.06	1.72	.21	.34	.23	.57E	8.67*
1969	1.06	.88	.19	1.17	.12	1.47	.84	.19	2.06	1.23	.65	.08	9.94
1970	.31	.15	.63	.49	.27	2.94	1.96	.32	.78	1.80	.67	.27	10.59

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51	.0						5.8	14.0	1.1	T	T	.0	
51-52	.0					15.0	13.5	1.8	14.0	.0	.0	.0	
52-53	.0	T	.0	.0							T	.0	
53-54	.0	.0	.0		6.2					.0	.0	.0	
54-55	.0	.0	.0	T	2.0	1.0	6.5	19.0	2.0	T	.0	.0	30.5
55-56	.0	.0	.0	.0		.1		12.5	T	T	.0	.0	
56-57	.0	.0	.0	.0		11.5	19.0	8.0	18.0		.0	.0	
57-58	.0	.0	.0	T		5.6	1.0	11.0	T	T	.0	.0	
58-59	.0	.0	.0	.0		4.0	2.0	11.0	T	2.0	.0	.0	
59-60	.0	.0			.0		3.1	6.3	5.0	.0	3.0	.0	
60-61	.0	.0	.0	.0	T		T	2.5	6.5	4.5	.0	.0	
61-62	.0	.0	.0	.8	2.2	7.6	10.0	7.5	1.5		.0	.0	
62-63	.0	.0	.0	.0	T	2.0	5.5	.0	T	5.0	.0	.0	12.5
63-64	.0	.0	.0	.0	1.0	4.0	T	6.5	10.5	.0	.0	.0	22.0
64-65	.0	.0	.0	.0	15.5	13.0	11.0	8.5	3.0	T	.0	.0	51.0
65-66	.0	.0		.0	.0		5.0	7.0	8.0	.0	.0	.0	
66-67	.0	.0	.0	.0							.0	.0	
67-68				.0					T	T	T	.0	
68-69	.0	.0	.0	.0	1.0		7.2	9.0	2.5	T	.0	.0	
69-70	.0	.0	.0				3.7	T			.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.2	42.7	51.2	64.1	74.9	81.4	94.7					31.1	
1952	22.8	30.6	39.8	63.9	76.6	86.4	92.3	89.2	85.0	74.7	47.1	36.5	62.1
1953	38.3	40.9	55.5	61.4	68.4	87.8	94.4	87.8	85.4	68.6	53.4	37.7	65.0
1954	40.5	52.0	51.9	71.0	79.1	86.3	94.4	89.6	81.6M	68.5	55.8	32.2	66.9*
1955	30.6	30.0	46.5	62.5	77.3	84.2	94.9	90.9	84.2	68.8M	44.3M	42.1	63.0*
1956	41.6	36.3	55.1	63.4	78.1	90.7	92.1	88.0	86.7	72.0M	45.7	29.7	65.0*
1957	26.0	36.3	51.3	59.0	67.6	82.3	89.4	86.2	80.4	64.8	43.4	41.0	60.6
1958	36.5	47.8	47.0	59.7	79.6	89.3	91.2	93.3	81.3	69.7	52.5	46.2	66.3
1959	37.9	43.1	52.8	65.0	72.8	88.8	92.3	87.9		65.4M	51.7	37.2	
1960	26.3	32.1	51.4	66.1	74.1	87.3	94.0	90.8	83.0	66.9	51.5	36.2	63.3
1961	40.7M	47.0	52.0	61.6	75.3	89.1	92.4	89.7	71.1	63.0	43.7	31.9	63.1*
1962	27.3	38.5M	43.8	67.7	74.4	84.3	90.9	90.3	81.7	71.1	55.2	40.5	63.8*
1963	28.2	50.9	52.4	61.4	79.1	83.7	93.4	86.6	80.7M	73.4	52.1	34.3	64.7*
1964	34.0	38.3	42.9M	61.8M	73.9	81.9	95.0	86.9M		70.6	40.4	28.4	
1965	30.1	35.2	40.6M	60.6M	69.5	79.1	87.6M	86.6		68.7M	54.6	36.4	
1966	33.5	38.3	54.0	65.3	76.5	85.6	93.7	90.0	79.6	64.1	57.3	29.1	63.9
1967	25.6	32.4			65.0					69.9	56.2	28.5	
1968	26.1	43.7	56.1	58.6	72.6	87.2	93.4M	84.3	76.9	67.6	47.6	34.6M	62.4*
1969	37.9	38.6	43.7	66.9	80.3	79.4	92.6	92.4	81.0	56.8	49.6	39.5	63.2
1970	34.4	47.8	49.9	58.7	75.3	81.9	88.9	90.4M	75.5	58.5	50.2	38.6	62.5*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 1.2	16.1	21.2	32.1	41.4	46.1	55.9					3.2	
1952	- 6.0	- 4.0	13.1	33.4M	42.0	47.9	54.4	53.7	43.5	27.9	13.5	7.2	27.2*
1953	6.9	10.1	25.0	30.8	38.0	48.4	58.3	53.5	41.2	31.1	24.6	9.0	31.4
1954	9.6	21.3	21.2	34.6	42.1	48.4	59.0	49.4	47.1M	33.4	22.0	2.8	32.6*
1955	- 1.0	- 4.1	15.7	30.2	38.1	46.8	54.6	54.6	41.6	29.8M	16.0M	18.3	28.4*
1956	19.1	6.3	21.5	32.3	43.0	50.0	52.5	50.0	39.1	29.6M	16.2	1.3	30.1*
1957	- 2.0	3.6	23.2	33.0	41.8	47.0	52.5	51.7	34.6	29.7	15.2	6.0	28.0
1958	1.5	16.3	19.0	24.3	35.6	44.8	49.7	51.8	42.5	26.2	15.5	11.5	28.2
1959	8.5	15.3	19.9	29.7	40.7	49.3	53.0	53.1		32.3M	18.5	12.4	
1960	.6	1.1	21.2	31.7	39.4	45.6	52.2	45.6	40.2	25.7	13.3	- .8	26.3
1961	- 6.0M	9.7	17.5	28.6	42.5	50.1	54.5	54.5	39.4	30.3	18.3	4.5	28.7*
1962	- 6.9	10.5M	15.2	35.6	39.4	47.7	52.0	47.6	41.1	31.6	22.1	7.6	28.6*
1963	- 3.4	18.0	20.3	32.3	44.1	46.9	54.0	54.1	47.7M	36.1	22.8	4.4	31.4*
1964	.7	8.4	17.4M	31.7M	39.5	47.2	55.8	50.6M		30.6	15.8	7.1	
1965	5.2	3.5	11.5M	33.7M	40.5	46.6	53.7M	48.8		28.8M	25.8	11.9	
1966	2.4	6.9	18.2	29.0	38.5	46.5	54.0	47.9	38.3	23.9	19.7	- 2.3	26.9
1967	- 4.0	4.6M			38.2					29.0	20.7	.5	
1968	- 7.7	7.7	24.8	25.0	37.9	45.2	51.6M	45.5	34.7	24.7	18.1	- 1.7M	25.7*
1969	9.5	8.6	16.1	32.3	42.1	48.1	55.1	54.4	41.5		15.2	10.0	
1970	3.6	20.8	23.3	27.4	38.4	49.2	54.7	55.6	38.9	27.4	22.5	10.4	31.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.0	29.4	36.2	48.1	58.2	63.8	75.3					17.2	
1952	8.4	13.3	26.5	48.7M	59.3	67.2	73.4	71.5	64.3	51.3	30.3	21.9	44.7*
1953	22.6	25.5	40.3	46.1	53.2	68.1	76.4	70.7	63.3	49.9	39.0	23.4	48.2
1954	25.1	36.7	36.6	52.8	60.6	67.4	76.7	69.5	64.4M	51.0	38.9	17.5	49.8*
1955	14.8	13.0	31.1	46.4	57.7	65.5	74.8	72.8	62.9	49.3M	30.2M	30.2	45.7*
1956	30.4	21.3	38.3	47.9	60.6	70.4	72.3	69.0	62.9	50.8M	31.0	15.5	47.5*
1957	12.0	20.0	37.3	46.0	54.7	64.7	71.0	69.0	57.5	47.3	29.3	23.5	44.4
1958	20.0	32.1	33.0	42.0	57.6	67.1	70.5	72.6	61.9	48.0	34.0	28.9	47.3
1959	23.2	29.2	36.4	47.4	56.8	69.1	72.7	70.5	68.2	48.9M	35.1	24.8	
1960	13.5	16.6	36.3	48.9	56.8	66.5	73.1	68.2	61.6	46.3	32.4	17.7	44.8
1961	17.4M	28.4	34.8	45.1	58.9	69.6	73.5	72.1	55.3	46.7	31.0	18.2	45.9*
1962	10.2	24.5M	29.5	51.7	56.9	66.0	71.5	69.0	61.4	51.4	38.7	24.1	46.2*
1963	12.4	34.5	36.4	46.9	61.6	65.3	73.7	70.4	64.2M	54.8	37.5	19.4	48.1*
1964	17.4	23.4	30.2M	46.8M	56.7	64.6	75.4	68.8M		50.6	28.1	17.8	
1965	17.7	19.4	26.1M	47.2M	55.0	62.9	70.7M	67.7		48.8M	40.2	24.2	
1966	18.0	22.6	36.1	47.2	57.5	66.1	73.9	69.0	59.0	44.0	38.5	13.4	45.4
1967	10.8	18.5M			51.6					49.5	38.5	14.5	
1968	9.2	25.7	40.5	42.3	55.3	66.7	72.5M	64.9	55.8	46.2	32.9	16.5M	44.0*
1969	23.7	23.6	29.9	49.6	61.2	63.8	73.9	73.4	61.3		32.4	24.8	
1970	19.0	34.3	36.6	43.1	56.9	65.6	71.8	73.0M	57.2	43.0	36.4	24.5	46.8*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data:

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

RED FEATHER LAKES

05 6925 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND						
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW					10 OR MORE	50 OR MORE	1.00 OR MORE				
JAN	35.7	13.2	24.5	57.	1968	25	-35.	1963	12	0.0	10.3	30.3	4.4	.55	.50	1958	14	8.0	11.	1951	31	1.6	.1	0.0
FEB	37.5	13.1	25.4	62.	1958	22	-28.	1951	1	0.0	7.5	27.6	3.4	.71	.92	1953	19	11.4	12.	1953	19	2.3	.2	0.0
MAR	39.4	13.4	26.5	64.	1966	31	-26.	1965	19	0.0	8.1	30.4	4.2	1.34	1.19	1953	30	20.3	22.	1970	31	3.5	.6	0.0
APR	47.9	22.6	35.3	73.	1965	22	-12.	1970	4	0.0	1.9	26.7	.4	1.81	2.24	1957	2	16.1	25.	1959	10	3.7	.9	.4
MAY	58.8	31.9	45.4	80.	1970	20	8.	1970	1	0.0	.1	16.6	0.0	2.26	2.03	1969	7	4.1	6.	1952	15	5.1	1.3	.3
JUN	68.6	38.6	53.6	97.	1954	20	20.	1954	3	0.0	0.0	4.5	0.0	2.02	1.76	1970	11	.5	2.	1970	11	6.1	.9	.4
JUL	77.2	44.6	60.9	94.	1954	12	28.	1968	2	.2	0.0	.3	0.0	2.03	1.40	1951	30	0.0	0.	0	0	5.8	.6	.2
AUG	74.2	43.5	58.9	93.	1969	10	24.	1966	24	.1	0.0	.8	0.0	2.20	1.90	1967	9	0.0	0.	0	0	5.8	.9	.2
SEP	67.8	36.5	52.1	84.	1966	23	13.	1959	30	0.0	.2	8.6	0.0	1.26	1.66	1970	1	1.3	5.	1959	30	3.6	.7	.1
OCT	58.5	29.2	43.8	78.	1953	8	-12.	1969	13	0.0	.4	19.7	.1	.93	1.63	1969	11	6.8	24.	1969	12	2.3	.5	.1
NOV	44.2	19.5	31.7	66.	1965	1	-15.	1952	26	0.0	3.3	27.8	1.1	.77	.90	1955	11	9.6	9.	1958	17	2.3	.3	0.0
DEC	38.0	13.9	26.2	61.	1952	15	-21.	1969	29	0.0	9.5	29.9	3.9	.66	.76	1958	12	11.6	17.	1958	14	2.4	.2	0.0
ANNUAL	54.1	26.7	40.5							0.	41.	223.	18.	16.5				90.				45.	7.	2.

PRECIPITATION FITTED WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.22	.48	.52	.55	.56	.83	.76	.13	.06	.14	.15	12.13
.10	.09	.24	.50	.70	.76	.75	1.02	.97	.22	.11	.21	.21	13.00
.20	.19	.39	.70	.96	1.09	1.04	1.28	1.27	.39	.23	.32	.31	14.11
.30	.29	.48	.86	1.18	1.37	1.29	1.50	1.53	.56	.35	.43	.39	14.55
.40	.36	.56	1.03	1.40	1.58	1.54	1.70	1.77	.75	.49	.53	.48	15.69
.50	.44	.65	1.20	1.63	1.79	1.80	1.91	2.02	.97	.66	.65	.58	16.41
.60	.54	.74	1.38	1.88	2.03	2.09	2.13	2.30	1.22	.85	.78	.68	17.14
.70	.66	.86	1.61	2.17	2.34	2.43	2.39	2.62	1.53	1.12	.94	.81	17.46
.80	.81	1.00	1.80	2.56	2.78	2.88	2.71	3.02	1.96	1.49	1.15	.97	18.24
.90	1.06	1.23	2.35	3.16	4.13	4.57	4.21	3.66	2.68	2.10	1.49	1.24	20.36
.95	1.30	1.44	2.77	3.72	4.93	4.22	3.66	4.24	3.38	2.71	1.81	1.48	21.59
ALPHA	2.03	3.50	3.12	3.22	2.85	3.05	5.37	4.08	1.37	1.08	2.05	2.43	33.03
BETA	.28	.20	.43	.56	.66	.66	.38	.54	.92	.86	.38	.27	.50
Q	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.19	.42	1.42	2.52	2.88	1.63	2.30	1.96	.42	1.99	.72	2.32	19.88
1952	T	.36	1.75	3.09	2.10	.95	1.43	1.87	.26	.12	1.54	.23	13.68
1953	.22	1.64	1.73	1.96	1.77	1.75	2.26	2.89	.22	.35	.90	.16	15.91
1954	.07	.35	2.03	.45	1.36	.63	2.87	1.89	2.22	1.060	1.34	1.12	15.48*
1955	.32	1.01	1.62	.32	2.12	1.20	1.76	5.11	1.00	.25	1.60	.55	16.86
1956	.81	1.39	.65	2.32	2.51	.23	2.49	1.49	.06	.10	1.08	.61	13.74
1957	.86	.85	.62	3.45	4.61	2.92	2.42	1.20	.76	1.49	.46	.26	19.91
1958	.52	.16	1.83	1.99	4.26	2.03	1.82	3.11	.82	.50	.85	1.32	15.21
1959	.59	.43	1.53	2.06	3.11	1.86	.88	1.56	2.31				
1960													
1961													
1962									.33	.55	.46	.62	
1963	.57	.95	1.06	.89	.62	2.11	2.56	3.97	1.42	.31	.09	.37	14.92
1964	.25	.620	.87	1.72	1.47	1.85	1.24	1.78	1.21	.94	.36	.67	12.68*
1965	.95	.48	1.26	1.62	2.18	3.34	2.48	1.34	2.68	.95	.14	.74	18.16
1966	.14	.63	.51	1.60	.22	1.99	3.03	1.67	1.46	.62	.28	.42	12.57
1967	1.06	.64	1.24	1.55	2.72	4.92	3.12	3.90	1.71	1.34	.43	.550	23.16*
1968	.300	.94	.22	2.97	1.60	2.19	1.58	1.90	.47	1.00	1.56	.39	15.12*
1969	.92	.90	.83	1.43	3.97	2.11	.42	1.34	.38	4.23	.47	.65	17.36
1970	.19	.38	3.42	.71	1.00	2.56	1.95	.69	4.23	.89E	.81	.31	17.14*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			3.0	14.0	10.5	33.0	16.9	8.0	16.2	20.5	1.0	2.5	
51-52	.0	.0	.0	4.8	18.2	3.0	T	7.3	21.1	18.0	20.0	.0	126.9
52-53	.0	.0	.0	2.0	6.1	3.4	3.2	29.0	14.5	31.0	6.5	.0	110.2
53-54	.0	.0	.0	10.0	15.5	3.7	3.0	5.8	27.0	4.0	2.0	1.5	55.8
54-55	.0	.0	.0	10.0	15.5	3.7	3.7	10.2	19.0	5.5	6.1	.0	
55-56	.0	.0	.0	.0	17.0	6.5	11.5	27.0	8.5	10.0	.0	.0	80.5
56-57	.0	.0	.0	2.0	16.0	11.0	11.5	11.5	9.5	35.5	6.0	.0	
57-58	.0	.0	.0	3.0	6.0	7.0	.5	25.0	16.5		T	T	
58-59	.0	.0	T	7.3	16.0	23.6	10.9	11.5	25.0	34.0	10.6	.0	138.9
59-60	.0	.0	5.5										
60-61													
61-62													
62-63			T	T	9.0	14.5	14.3	13.7		6.6	.0	.0	
63-64	.0	.0	.0	T	2.0	9.5					.0	.0	
64-65	.0	.0	.0	T	3.9	7.5						.0	
65-66	.0	.0	.8	.5	T	5.6				11.6	.5	.0	
66-67	.0	.0	.0	4.7	4.0			8.4		17.0	5.5	.0	
67-68	.0	.0	T	T	17.0	21.0	3.5	11.0	7.6	16.2	2.0	.0	79.5
68-69	.0	.0	.3	9.5			15.6	13.4	16.5	8.0	T	T	
69-70	.0	.0	.0	53.6	6.2	6.0	4.5	4.0	53.3	7.0	1.0	4.0	139.6

RED FEATHER LAKES 05 6925 4

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	30.3	38.5	33.2	42.3M	58.3	63.0	77.5	73.0	67.7	54.9	42.6	33.9	51.4*
1952	34.7	35.6	35.3	50.0	59.0		78.4	73.5	73.4M	61.5	35.4M	37.5	
1953	39.9	35.2	42.8M	44.2	52.9	71.5	75.1M	73.9M	70.8M	60.0M		36.0	
1954	39.9M	45.1M	37.3M	54.2M	59.6	73.2M	79.9	75.3M	70.9				
1955	32.8	29.9	37.9	48.0M	56.1M	67.8M	74.7	70.3	69.4	60.5	39.7	37.7	53.1*
1956	40.0	32.2	41.0	46.9	62.1	76.3	75.9		73.8	60.5M	40.7	41.1	
1957	32.5	42.3	42.4	45.0	54.2	66.4	70.4M	74.7M					
1958		44.3	36.7	45.3	63.8M	73.0	73.3M	74.7	63.0	57.3	44.1	40.8M	
1959	33.5	33.8	35.9	46.3	54.8	71.6	74.3	73.8	61.2				
1960													
1961									67.3M	59.2	47.0	42.3M	
1962									69.3	62.3	46.5	35.7	54.1*
1963	28.2M	38.0	39.8	48.1	62.1	68.7	77.7	70.2	65.2	58.5	44.8M	36.2	52.1*
1964	33.1	31.3M	34.0	45.6	58.3	65.7	50.1	71.8	66.2	58.5	44.8M	36.2	52.1*
1965	38.5	37.5	33.3	51.2	56.8	65.1	74.8	71.2	57.5	62.6M	47.8	41.7	53.2*
1966	34.7	34.6	47.9	49.0	64.8M	70.4	79.3	74.9	63.5	57.8M	49.3M	40.5M	56.1*
1967	37.9M	38.1M	48.2M	52.3M	55.0M	63.8M	74.7M	74.1M	67.2M	59.4	46.0M	35.5	54.4*
1968	41.5	41.8	43.9M	45.8	56.1	72.0	76.1	71.0	60.3	59.4	42.3	35.2M	54.2*
1969	39.3	34.1	38.5	54.5	62.8	62.0	79.1	78.6	63.8	45.4	46.2	40.5M	54.6*
1970	35.1	42.5	37.0	43.3M	63.4	69.5	76.6	78.2	64.0		43.8M	38.2	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.5	15.4	12.5	21.9M	32.5	32.8	41.9	41.5	31.4	24.4	13.3	9.3	23.6*
1952	10.2	10.5	10.5	22.8	30.1		40.6	42.3	34.7M	27.3	9.5M	17.0	
1953	21.6	12.4	19.1M	17.6	28.8	41.2	47.3M	43.7M	37.4M	28.9M		11.2	
1954	16.4M	21.4M	11.6M	26.8M	29.4	35.2M	45.6	43.2M	38.7		24.5M	7.5M	
1955	9.1	5.4	8.3	18.5M	29.0M	36.2M	43.0	44.7	35.4	27.4	15.6	18.6	24.4*
1956	15.1	5.6	16.4	23.5	34.6	39.3	43.1		36.5	26.7M	14.0	17.8	
1957	6.9	11.7	15.7	21.1	31.4	37.1	43.4M	42.8M					
1958		19.0	9.2	22.5	37.3M	41.9	45.2M	47.6	40.5	31.0	22.8	18.7M	
1959	10.8	12.7	16.8	23.8	32.7	44.5	45.3	47.5	37.0				
1960													
1961									39.2M	33.1	24.8	19.1M	
1962									43.5	30.4	24.1	14.5	29.3*
1963	4.8M	17.8	14.4	24.8	33.9	41.5	48.7	47.7	43.5	30.4	24.1	14.5	29.3*
1964	10.1	6.3M	10.1	21.5	33.0M	38.5	43.5	43.7	36.5	29.7	20.1M	11.3	25.9*
1965	17.3	10.3	3.5	26.4	30.7	39.2	44.3	39.8M	31.1	30.8	24.7	16.5M	26.2*
1966	11.0	4.8M	16.6M	19.7M	30.5M	37.0	44.7	33.3	36.6	24.8M	21.8M	13.3M	25.0*
1967	16.1M	12.0M	23.0M	21.7M	29.3M	36.7M	43.0M	41.4M	35.5M	34.2	21.9M	8.5	26.9*
1968	16.5	16.6	19.6M	22.5	30.9	39.4	43.6	41.6	33.3	32.6	15.5	14.3M	27.2*
1969	20.2	13.9	5.9	25.8	33.7	37.9	44.2	45.1	37.9	21.6	22.3	15.6M	27.0*
1970	18.2	20.5	15.1	23.6M	34.1	38.7	44.8	44.7	33.3		17.0M	8.7	

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	18.4	27.0	25.4	32.1M	45.4	47.9	53.7	57.3	43.6	39.7	28.0	23.1	37.6*
1952	22.5	23.1	22.9	35.4	44.6		53.5	53.9	54.1M	44.4	22.5M	27.3	
1953	30.8	23.7	31.0M	30.9	40.9	56.4	63.0M	53.4M	54.1M	44.5M		23.6	
1954	29.2M	33.3M	24.5M	40.8M	44.5	54.2M	62.8	53.5M	54.3				
1955	21.0	17.7	23.1	33.7M	42.6M	52.0M	61.4	60.5	52.9	44.0	27.7	26.2	33.7*
1956	27.6	18.9	28.7	35.2	48.4	57.8	59.5		55.2	43.6M	27.4	29.5	
1957	19.7	30.4	29.1	33.1	42.8	51.8	53.9M	58.8M					
1958		31.7	23.0	33.9	50.5M	56.0	53.1M	61.2	54.3	44.2	33.5	29.8M	
1959	22.2	23.3	26.4	35.1	43.8	58.1	59.3	60.7	49.1				
1960													
1961													
1962									53.3M	46.2	35.9	31.0M	
1963	16.5M	27.9	27.1	36.5	48.0	55.1	63.2	53.0	56.4	49.4	36.3	25.1	41.7*
1964	21.6	18.8M	22.1	33.6	45.7M	52.1	64.8	57.8	51.4	44.1	32.5M	24.0	39.0*
1965	27.9	23.9	18.4	38.8	43.8	52.2	59.6	55.5M	44.3	46.7M	36.3	29.1M	39.7*
1966	22.9	19.7M	32.3M	34.4M	47.7M	53.7	62.0	57.1	53.2	41.3M	35.6M	26.8M	40.6*
1967	27.0M	25.1M	35.6M	37.2M	42.2M	50.3M	58.9M	57.8M	51.4M	46.8	34.0M	22.0	40.7*
1968	29.0	29.2	31.8M	34.2	43.5	55.7	59.9	56.3	49.8	45.5	28.9	24.8M	40.7*
1969	29.8	26.0	22.2	40.2	46.3	50.0	61.7	61.9	53.9	33.5	34.3	28.0M	40.8*
1970	26.7	31.5	26.1	33.5M	48.8	54.1	60.7	61.5	48.7		36.4M	23.5	

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

E Amount is partially estimated.

D Water equivalent of snowfall wholly or partly estimated.

M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.

* One or more of the above codes encountered in computing the annual mean or total.

T Trace, an amount too small to measure.

+ Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

RICO

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET			MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE			
										90 OR ABOVE	32 OR BELOW											32 OR BELOW	0 OR BELOW	
JAN	38.6	4.1	21.4	59.	1968	24	-36.	1963	12	0.0	7.8	31.0	10.9	2.47	1.20	1969	26	31.7	72.	1952	25	7.1	1.6	.2
FEB	39.5	5.8	22.7	58.	1963	5	-25.	1965	13	0.0	5.3	28.1	8.9	1.84	1.20	1958	25	25.4	69.	1969	19	6.4	.9	.1
MAR	42.3	11.1	26.7	66.	1966	31	-20.	1962	14	0.0	4.2	31.0	5.8	2.09	1.60	1965	24	26.0	69.	1952	26	7.1	.7	.1
APR	50.8	20.7	35.8	72.	1960	8	-4.	1963	3	0.0	.3	28.3	.2	1.93	1.15	1965	9	20.1	63.	1965	10	6.8	.8	.1
MAY	62.0	28.0	45.0	78.	1969	26	8.	1967	2	0.0	0.0	26.4	0.0	1.46	.85	1960	5	6.0	12.	1951	1	5.5	.5	0.0
JUN	70.6	32.9	51.8	87.	1970	26	23.	1970	1	0.0	0.0	14.7	0.0	1.10	.95	1969	24	0.0	0.	0	0	4.0	.5	0.0
JUL	76.5	40.5	58.5	87.	1959	25	27.	1968	1	0.0	0.0	1.1	0.0	2.86	1.45	1957	12	0.0	0.	0	0	8.8	1.6	.2
AUG	74.2	40.0	57.1	87.	1962	15	24.	1964	23	0.0	0.0	2.2	0.0	2.70	2.40	1957	31	0.0	0.	0	0	8.2	1.2	.2
SEP	67.3	33.1	50.2	84.	1960	4	17.	1965	21	0.0	0.0	14.2	0.0	2.38	2.07	1959	16	.8	7.	1959	30	6.8	1.2	.4
OCT	59.9	25.2	42.6	78.	1963	1	-1.	1970	27	0.0	.2	28.3	.1	2.11	2.80	1959	30	9.3	16.	1969	4	5.5	1.2	.2
NOV	48.0	16.1	32.0	68.	1967	13	-7.	1969	18	0.0	1.5	29.8	1.7	2.09	2.30	1965	25	21.6	37.	1964	19	5.3	1.0	.3
DEC	40.0	7.6	23.8	61.	1958	18	-25.	1961	12	0.0	7.0	30.9	6.9	2.58	2.95	1966	6	30.2	57.	1967	21	6.6	1.1	.4
ANNUAL	55.7	22.0	38.9							0.	26.	266.	34.	25.7				171.				78.	12.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.70	.39	.71	.72	.25	0.00	1.05	.98	.24	0.00	.72	.53	17.11
.10	.94	.55	.91	.90	.38	.33	1.32	.41	.41	0.00	.92	.76	18.78
.20	1.29	.82	1.20	1.16	.59	.54	1.70	.74	.74	.77	1.21	1.14	20.95
.30	1.60	1.07	1.44	1.38	.79	.70	2.03	.91	.91	1.15	1.45	1.49	22.62
.40	1.90	1.33	1.67	1.58	.99	.85	2.34	.95	1.07	1.43	1.68	1.84	24.11
.50	2.21	1.63	1.92	1.79	1.22	1.00	2.65	.97	1.11	1.84	1.92	2.21	25.56
.60	2.51	1.93	2.22	2.02	1.47	1.17	2.99	.91	1.15	2.22	2.19	2.51	27.07
.70	2.81	2.24	2.53	2.28	1.78	1.36	3.39	.91	1.15	2.53	2.49	2.81	28.75
.80	3.11	2.54	2.83	2.58	2.07	1.62	3.90	.91	1.15	2.83	2.79	3.11	30.80
.90	3.41	2.84	3.13	2.88	2.35	1.91	4.68	.91	1.15	3.13	3.09	3.41	33.80
.95	3.71	3.14	3.43	3.18	2.64	2.14	5.40	.91	1.15	3.43	3.39	3.71	36.42
ALPHA	3.15	2.29	3.99	4.62	1.94	3.11	4.44	4.17	1.37	2.41	4.03	2.25	19.40
BETA	.79	.80	.52	.42	.75	.37	.64	.67	1.73	.97	.52	1.15	1.34
Q	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.37	1.06	1.53	1.68	1.55	.40	2.23	1.71	2.31	1.33	2.34	6.36	24.62
1952	3.48	1.30	2.10	1.65	.35	1.04	1.89	1.60	2.65	.30	2.31	2.57	23.98
1953	2.54	.70	2.18	2.33	2.00	.39	4.22	2.32	4.49	4.31	1.48	1.10	23.56
1954	1.50	.56	2.61	.60	1.70	.65	3.95	2.37	4.80	1.80	1.52	1.45	23.51
1955	2.45	3.01	.44	1.73	.55	.72	2.55	.07	.32	.32	2.37	3.14	
1956	4.30	1.35	1.12	.83	.97	1.33	2.33	.51	.25	1.65	1.14	1.24	17.12
1957	6.77	2.03	2.87	3.92	4.96	.65	5.33	6.01	.65	3.95	3.950	1.90	42.35*
1958	1.83	3.01	2.09	2.13	.470	T	.60	2.10	2.30	.95	2.30	.58	16.05*
1959	1.34	3.51	1.65	2.35	.95	.95	2.13	1.63	4.07	4.38	1.60	3.30	27.83
1960	1.73	3.23	2.48	2.50	1.99	.94	1.66	1.350	2.75	3.15	1.80	2.15	25.73*
1961	.73	1.43	4.18	1.53	1.77	.96	1.50	3.30	2.81	2.85	1.53	1.12	23.71
1962	2.20	3.80	1.85	1.17	2.35	1.45	1.50	1.87	3.03	2.23	1.85	.97	24.27
1963	2.67	1.55	3.00	1.10	.42	.92	3.04	4.30	1.28	1.40	.88	.78	21.94
1964	1.80	.60	3.25	3.50	1.62	1.12	5.00	3.51	2.55	.00	5.03	4.60	32.56
1965	1.82	1.32	3.37	3.62	2.25	1.53	4.48	2.89	3.05	1.60	4.88	3.37	34.18
1966	.65	1.20	.64	1.36	1.55	1.53	1.79	2.74	1.50	1.15	1.58	6.90	22.59
1967	2.10	.71	1.20	1.10	1.33	2.07	2.98	3.72	3.42	.60	.62	5.03	24.94
1968	1.97	2.23	1.15	2.63	1.35	.25	4.45	2.30	.25	1.90	1.36	2.09	22.43
1969	6.26	4.04	1.37	1.37	.93	3.03	3.33	3.22	4.33	3.82	1.65	.99	36.34
1970	1.40	.25	2.65	1.44	.10	2.01	2.32	4.27	5.05	2.82	2.58	1.88	26.77

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51	T	.0	.0	4.5	29.0	70.5	31.0	17.0	19.0	15.0	13.0	T	
51-52	T	.0	T	.0	26.3	32.5	47.5	15.0	29.0	20.0	3.0	.0	218.5
52-53	T	.0	T	.0	26.3	32.5	30.5	10.5	26.0	29.5	9.0	.0	164.3
53-54	.0	.0	.0	19.0	21.0	17.0	25.0	9.0	33.0	1.3	9.0	T	134.3
54-55	T	.0	T	T	17.5	16.0	39.0	44.0	7.0	30.5	4.5	T	158.5
55-56	T	.0	.0	4.0	32.0	46.0	56.5	22.0	20.0	13.5	5.0	.0	
56-57	.0	.0	.0	14.0	14.5	17.0	112.0	21.1	37.3	45.5	43.5	.0	304.9
57-58	.0	.0	T	14.0	46.0	24.0	25.0	37.5	28.0	21.3	.0	.0	
58-59	.0	.0	.0	17.5	17.5	17.5	17.0	35.0	14.0	4.5	4.0	T	
59-60	.0	.0	8.0	20.5	14.0	35.5	30.5	43.5	40.0	41.0	12.5	.0	242.5
60-61	.0	.0	.0	3.0	7.0	36.0	10.5	16.8	58.5	.0	3.0	.0	
61-62	.0	.0	4.0	.0	.0	18.0	23.0	43.0	18.5	13.0	.0	.0	
62-63	.0	.0	.0	3.0	5.5	12.5	22.5	21.0	29.0	5.0	.0	.0	100.5
63-64	.0	.0	.0	T	5.5	9.5	22.5	11.0	37.5	.0	.0	.0	
64-65	.0	.0	1.0	.0	49.5	49.5	20.5	.0	40.0	39.5	8.0	.0	
65-66	.0	.0	2.0	15.0	39.0	35.0	10.5	17.0	8.5	14.5	.0	.0	141.5
66-67	.0	.0	.0	.0	22.0	.0	27.5	4.5	13.0	11.1	.0	.0	
67-68	.0	.0	.0	2.0	6.0	62.0	29.5	29.5	16.0	2.0	.0	.0	169.0
68-69	.0	.0	.0	3.0	14.0	27.0	.0	57.0	15.5	9.5	T	T	
69-70	.0	.0	.0	38.5	16.0	14.5	21.0	.0	34.0	20.5	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									68.6	62.7M	51.4	49.6	
1959	43.0	39.0	45.4	54.8	60.0	74.9	83.1	72.8	65.8	59.6	47.7	44.0	57.3
1960	35.2	33.1	43.5	52.3	60.8	74.4	79.0	79.5	71.3	56.5M	46.5	39.5	56.1*
1961	43.6	41.0	42.7	49.9	62.8	76.0	76.4	73.2	62.6	57.6	43.2	35.0	55.3
1962	33.9	39.5	38.7	56.5	60.2	70.4	75.0	75.8	68.8	62.8	50.8	45.4	56.9
1963	35.6	43.8	42.2	50.9	65.6	69.9	77.4	72.5	72.0	64.1	51.4	41.8	57.3
1964	35.3	35.0	38.1	46.2	61.4	69.5	76.5	72.4	65.2	65.3	44.9	35.1	53.8
1965	38.9	40.6	39.1	47.0	57.5	66.2	73.6	72.3	61.8	64.7	48.2	40.5	54.3
1966	36.5	35.7	46.8	54.7	65.1	70.1	77.5	75.3	69.5	60.3	50.4M	38.4	56.7*
1967	37.9M	42.1	47.2	50.2	59.9	65.9	76.9	74.1	57.8	62.5	51.1	35.6	55.9*
1968	42.0	43.7	45.7	46.5	58.9	74.0	74.0	69.5	63.2	61.1	43.5	36.4	55.3
1969	38.5	35.6	37.9	54.7	66.8	66.6	76.4	76.8	67.3	49.8	47.7	40.4	54.9
1970	37.9	45.0	40.4	45.2	64.6	69.7	74.7M	76.1	64.6	51.5	44.8	38.5	54.4*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									34.9	25.7	15.6	14.0	
1959	6.9	8.0	12.9	22.5	29.6	35.3	39.3	41.6	32.1	25.5	14.5	12.5	23.4
1960	1.0	.2	16.9	22.8	27.2	35.2	39.6	38.9	34.7	26.3M	15.9	6.0	22.0*
1961	3.5	8.3	15.7	21.2	28.8	33.9	39.0	41.5	32.2	24.2	11.8	5.6	22.1
1962	5.7	11.3	6.0	23.9	29.3	31.3	37.7	36.4	33.5	25.6	18.8	10.4	22.6
1963	1.7	9.8	10.1	22.7	29.5	31.6	40.7	42.7	35.1	28.9	17.5	6.5	23.2
1964	.4	.4	6.4	18.4	27.5	31.7	41.8	38.6	32.9	24.6	12.9	4.0	20.0
1965	8.9	2.5	7.5	20.6	26.8	31.4	41.4	38.6	31.9	24.4	19.6	9.2	21.9
1966	.7	1.1	13.6	21.4	29.0	33.3	41.6	40.4	32.5	24.7	18.2M	6.0	21.6*
1967	3.3M	6.5	14.0	21.8	26.5	33.1	42.3	39.4	34.2	26.4	19.1	6.0	23.1*
1968	4.4	10.5	11.5	16.6	27.4	32.4	39.7	37.5	29.5	25.4	15.1	4.1	21.2
1969	10.9	4.1	5.7	22.2	28.7	31.9	41.5	42.1	34.0	27.4	12.9	10.2	22.2
1970	3.0	9.8	9.4	14.5	25.9	33.8	41.0M	42.7	31.6	22.4	16.8	1.7	21.2*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									51.8	44.2M	33.5	31.8	
1959	25.0	23.5	29.2	38.7	44.8	55.1	59.7	57.2	49.0	42.6	31.1	28.3	40.4
1960	18.1	16.5	30.2	37.6	44.0	54.8	59.3	59.2	53.0	41.4M	32.2	22.8	39.1*
1961	23.6	24.7	29.2	35.6	45.8	55.0	57.7	57.4	47.4	40.9	27.5	20.3	38.3
1962	22.3	25.4	22.4	40.2	44.8	50.9	56.4	56.1	51.2	44.7	34.8	27.9	39.8
1963	18.7	26.8	26.2	36.8	47.6	50.8	59.1	57.6	54.1	46.5	34.5	24.2	40.2
1964	17.9	17.7	22.3	32.3	44.5	50.6	59.2	55.5	49.6	45.0	28.9	19.5	35.9
1965	23.9	21.6	23.3	34.3	42.2	49.9	57.5	55.5	46.9	44.6	33.9	24.9	38.1
1966	17.9	17.3	30.2	38.1	47.1	51.7	59.6	57.9	51.0	42.5	34.3M	22.2	39.2*
1967	20.6M	24.3	32.6	36.0	43.2	49.5	59.6	56.8	51.0	44.5	35.1	20.3	39.5*
1968	23.2	27.1	28.6	31.6	43.2	53.2	56.9	53.5	48.9	43.3	29.3	20.3	38.3
1969	24.7	19.9	21.8	33.5	47.8	49.3	59.3	59.5	50.7	36.1	30.3	25.3	38.6
1970	20.5	27.4	24.9	29.9	45.3	51.8	57.9M	59.4	48.1	37.0	30.8	21.1	37.8*

SEASON

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEARS			EXTREMES						MEAN; NO OF DAYS			SNOW, SLEET						MEAN; NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	36.0	9.8	23.4	57.	1956	8	-38.	1963	12	0.0	8.7	30.8	7.3	.91	.75	1969	27	8.8	20.	1952	8	3.1	.1	0.0
FEB	42.9	15.8	29.4	67.	1962	11	-32.	1951	1	0.0	3.2	27.7	2.6	.80	.59	1959	9	9.8	18.	1957	1	3.0	.1	0.0
MAR	51.6	22.2	36.9	75.	1953	29	-4.	1962	1	0.0	.7	28.5	.3	.73	.53	1953	30	3.8	10.	1952	2	2.6	.1	0.0
APR	63.1	30.0	46.5	83.	1952	28	10.	1966	5	0.0	0.0	20.0	0.0	.84	.83	1959	27	1.0	2.	1966	19	2.8	.1	0.0
MAY	73.9	37.8	55.9	94.	1956	31	20.	1970	2	.6	0.0	5.8	0.0	.84	.75	1966	11	0.0	0.	0	0	2.7	.2	0.0
JUN	83.2	43.9	63.6	100.	1954	23	29.	1962	9	6.1	0.0	.8	0.0	.91	1.46	1969	24	0.0	0.	0	0	2.5	.4	.2
JUL	85.9	52.4	70.1	101.	1954	11	33.	1968	1	18.0	0.0	0.0	0.0	.81	.67	1970	7	0.0	0.	0	0	2.6	.3	0.0
AUG	86.7	49.3	68.0	99.	1958	12	31.	1960	17	10.9	0.0	.1	0.0	1.35	1.00	1952	27	0.0	0.	0	0	3.8	.4	0.0
SEP	79.4	39.8	56.6	98.	1954	1	23.	1970	26	1.9	0.0	3.9	0.0	1.02	.92	1970	5	.3	5.	1965	18	3.6	.6	0.0
OCT	67.8	31.0	48.9	86.	1963	2	12.	1970	28	0.0	0.0	20.7	0.0	1.20	1.95	1957	13	.3	3.	1969	12	3.0	.6	.1
NOV	51.1	21.9	36.0	71.	1952	1	-16.	1955	16	0.0	.8	27.4	.3	.86	.65	1970	7	4.9	10.	1954	30	2.8	.2	0.0
DEC	38.2	11.5	24.9	59.	1965	29	-27.	1962	26	0.0	6.5	30.5	4.7	1.03	1.42	1966	6	13.5	20.	1967	22	2.9	.3	.1
ANNUAL	63.8	31.2	47.0							38.	20.	196.	15.	11.3				42.				35.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.11	.12	.12	.29	.05	.06	.07	.23	0.00	0.00	.23	.20	6.79
.10	.19	.18	.18	.37	.10	.11	.13	.35	.10	.17	.31	.29	7.63
.20	.31	.30	.29	.48	.20	.23	.23	.54	.26	.37	.43	.44	8.75
.30	.44	.41	.39	.58	.31	.35	.35	.73	.41	.56	.54	.58	9.62
.40	.57	.53	.49	.67	.44	.49	.47	.92	.57	.75	.65	.72	10.41
.50	.70	.65	.60	.77	.59	.55	.61	1.12	.76	.95	.77	.87	11.18
.60	.83	.80	.74	.87	.78	.73	.78	1.30	.94	1.19	.89	.94	11.95
.70	1.11	.88	.80	.93	1.04	1.10	.99	1.60	1.26	1.49	1.04	1.05	12.81
.80	1.40	1.22	1.10	1.15	1.34	1.10	1.27	2.03	1.54	1.89	1.24	1.53	14.03
.90	1.88	1.62	1.44	1.39	1.90	1.64	1.76	2.65	2.28	2.54	1.55	1.97	15.70
.95	2.34	1.99	1.77	1.61	2.45	2.63	2.23	3.24	2.90	3.17	1.83	2.39	17.17
ALPHA	1.56	1.73	1.86	4.09	1.06	1.10	1.27	1.92	1.29	1.60	2.80	2.14	12.99
BETA	.58	.46	.39	.20	.79	.83	.64	.70	.63	.79	.30	.48	.88
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.45	.48	.21	1.15	.69	1.03	.47	1.56	.44	1.17	.64	4.06	13.35
1952	1.05	.25	1.80	.16	.78	.64	.56	2.26	.06	.00	.53	.42	8.51
1953	.64	.19	1.16	1.27	1.73	.65	1.17	2.08	.31	1.48	1.43	.35	12.46
1954	.87	.29	.86	.93	.76	1.55	1.500	1.940	2.32	1.46	1.52	.57	14.57*
1955	.54	.98	.20	.47	1.71	.54	.73	1.39	.15	.56	1.69	.72	10.13
1956	1.31	1.31	.20	1.27	.09	.12	1.54	.85	.00	.35	.49	.82	8.85
1957	2.75	.91	1.16	1.29	2.79	2.10	1.36	4.18	.16	3.34	1.39	.77	22.20
1958	.25	1.01	1.02	.62	.31	.24	.77	.22	1.51	.29	.53		
1959	.62	1.54	.40	1.67	.42	.97	.10	2.40	1.53	1.72	.07	.78	12.22
1960	.67	1.26	1.19	.62	.53	.20	.02	.55	.51	.52	.61	.58	7.26
1961	.01	.55	1.14	.92	1.01	.07	.25	1.15	2.37	1.08	.65	.70	10.41
1962	1.04	2.19	.17	.97	.51	.16	.23	.12	.69	.89	.52	.47	7.96
1963	.61	.28	.63	.37	.02	.78	.23	1.55	1.15	1.51	.78	.43	8.31
1964	.65	.14	.72	.82	1.40	1.16	.50	1.01	.96	.03	1.05	1.10	9.54
1965	.67	.52	1.23	.60	.43	1.10	2.03	.36	2.31	.92	1.04	.58	11.44
1966	.53	.37	.12	.45	1.11	.10	.24	.47	.45	1.72	.39	2.41	8.36
1967	.54	.34	.41	.50	1.61	2.24	1.84	1.07	1.35	.43	.57	2.23	13.19
1968	.32	2.13	.39	1.13	.61	.09	.53	1.64	.21	1.19	.93	1.21	10.43
1969	2.64	1.11	.22	.48	.21	2.52	.31	1.43	1.66	3.63	.69	.41	15.31
1970	.62	.20	1.31	.97	.02	1.90	1.74	.77	1.78	1.58	1.76	.85	13.54

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							24.7	7.5	3.5	.0	.0	.0	
51-52	.0	.0	.0	.0	7.5	33.0	7.5	4.1	14.0	.0	.0	.0	66.1
52-53	.0	.0	.0	.0					4.5	4.5	.0	.0	
53-54	.0	.0	.0	.0			6.3	.0	1.0	.0	.0	.0	
54-55	.0		.0	T		1.5	12.2	13.6	3.0	1.6	T	T	
55-56	.0	.0	.0	1.5	19.5		6.3	21.9	2.0	1.0	.0	.0	
56-57	.0	.0	.0	.0							.0	.0	
57-58	.0	.0	.0		9.5	10.5		9.5			.0	.0	
58-59	.0	.0	.0		1.1		7.7	15.8		2.3	.0	.0	
59-60	.0	.0	.0	.0	T	9.8	10.0	19.5			.0	.0	
60-61	.0	.0	.0	.0			.0				.0	.0	
61-62	.0	.0	.0								.0	.0	
62-63	.0	.0	.0	.0	2.0	9.5		.0	.8	.0	.0	.0	
63-64	.0	.0	.0	.0	.0	6.4				.0	.0	.0	
64-65	.0	.0	.0	.0			8.5	4.5	4.0	.0	T	.0	
65-66	.0	.0	7.0	.0	T	1.0	10.0	7.5	3.0	3.0	T	.0	31.5
66-67	.0	.0	.0	T				2.4	2.2	.3	.0	.0	
67-68	.0	.0	.0	T	7.0	37.6	4.5	15.5	.5		T	.0	
68-69	.0	.0	.0	.0	7.0	21.7		14.0			.0	.0	
69-70	.0	.0	.0	4.0	4.5	4.3	7.6	4.5	6.5	T	.0	.0	31.4

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	34.1	39.5	50.3	62.1	72.2	79.0	91.2	86.3	80.2	64.5	47.0	32.8	61.6
1952	32.0	35.8	42.5	64.3	73.4	84.3M	89.0M	85.2	81.5	74.6	49.3	30.7	62.4*
1953	42.0	44.2	55.8	59.1	66.6	85.9	90.3	84.9	84.6	73.6	53.2	30.3	64.7
1954	42.6	53.6	52.7	69.5	77.1	84.0	92.0M	86.5M	78.2	68.5	55.1	33.0M	65.9*
1955	31.7	34.8	48.0	63.2	74.9	82.8	92.9	89.3	83.8M	73.2	45.1	40.5	63.1*
1956	44.0	33.7	54.7	64.0	78.8	89.8	89.8	85.0	86.1	71.4	45.8	36.1	65.4
1957	42.0	42.4	53.1	59.4	66.3	81.0	87.6	84.8	73.1	64.4	44.5	43.7	61.6
1958	43.3	48.1	50.1	60.3	78.8	87.4	99.3	92.0	79.8	71.5	52.9		
1959	38.6	42.2	52.7	64.0	73.8	86.8	93.1	85.4	75.4	64.3	53.1	43.3	64.1
1960	34.6	35.3	53.1	65.8	72.5	85.3	90.4	88.8	81.2	60.1	52.8	40.5	64.0
1961	44.0	47.5	52.2	61.7	74.7	85.3	89.3	87.6	69.7	64.7	48.8	34.5	63.3
1962	34.0	43.6	48.3	67.0	71.8	81.9	87.4	87.7M	79.4	70.4	56.5	43.5	64.3*
1963	29.1	51.2	54.2	65.5	77.4	82.0	91.2	84.1	82.2	73.3	55.0	39.5	65.3
1964	33.2	37.1	44.8	60.6	73.5	80.7	91.7	84.1	77.9	71.6	48.7	36.6	61.7
1965	40.4	42.9	47.5	61.9	71.3	79.5	86.3	84.2	71.3	79.0	55.6	42.7	62.8
1966	37.2	39.9	57.7	66.4	76.6	83.6	91.4	88.8	82.1	66.0	56.6	37.0	65.3
1967	35.7	45.0	59.9	63.9	71.8	77.9M	88.9	87.9	80.5	69.8	55.9	31.9	64.1*
1968	33.3	43.2	55.4	58.1	71.6	86.4	86.6	81.7	78.4	61.0	46.8	36.5	62.4
1969	37.8	40.8	50.2	67.8	79.7	78.9	90.2	90.8	80.3	56.1	49.7	42.3	63.8
1970	39.1	51.5	49.8	57.5	76.1	81.5	88.6	88.5	75.6	59.0	50.4	40.3	63.2

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.1	13.6	22.3M	33.0	41.0	43.0	51.5	50.7	37.2	31.6	18.8	6.2	29.6*
1952	5.5	9.3	18.5	32.7M	39.8	46.1M	50.4M	50.7	41.0	28.6	16.0	7.9	28.7*
1953	15.3	14.9	22.7	28.8	36.0	45.3	52.9	48.2	38.0	24.7	19.8M	12.1	30.4*
1954	17.7	22.4	24.9M	33.3	40.2	44.1	55.5M	47.0M	44.0	32.3M	23.5	7.9	32.7*
1955	6.3	5.6	19.9	27.6	37.8	42.0	48.8	51.7	37.0	27.5	16.1	15.3	28.0
1956	19.8	7.8	18.3	29.6	37.5M	43.0	48.9	44.7	35.6	23.3	17.2	8.6	28.4*
1957	13.0	18.5	26.7	32.8	37.7	43.9	45.6	52.1	37.4	35.1	22.0	14.8	32.0
1958	11.6	23.9	25.0	28.3	38.8	44.6	46.5	52.5	43.1	30.8	22.1		
1959	13.1	18.3	23.5	30.2	39.2	44.4	44.5	45.4	36.5	24.4	16.3	12.4	29.4
1960	11.6	13.8	23.6	28.6	33.4	40.8	46.9	44.9	41.9	29.4	18.9	9.6	28.6
1961	4.5	15.0	24.0	28.7	39.0	43.9	53.2	51.8	38.1	29.0	19.9	7.0	29.3
1962	2.4	19.6	17.6	29.8	35.7	40.3	44.5	42.8	39.0	30.1	21.9	10.5	27.9
1963	- 1.1	20.3	21.3	29.5	37.0	42.6	50.8	52.1	42.3	34.1	23.1	7.8	30.0
1964	.8	8.3	18.2	31.4	37.1	44.0	52.5	50.4	41.6	25.6	22.5	16.3	29.3
1965	17.7	17.6	21.8	31.9	37.5	44.1	52.5	49.5	40.1	29.8	27.5	13.6	32.4
1966	7.6	11.5	21.1	27.4	38.2	45.3	54.1	49.1	42.1	29.8	26.1	15.1	30.6
1967	11.5	19.3	27.4	31.1	37.8	46.0	53.3	50.7	43.3	30.3	21.1	8.2	31.7
1968	2.2	19.3	23.3	27.7	36.6	44.7	53.9	48.0	36.2	30.1	22.3	9.6	29.2
1969	13.8	15.5	19.9	31.3	39.9	44.1	51.1	52.1	43.1	29.7	19.7	16.7	31.4
1970	16.4	20.6	23.5	26.5	36.6	45.4	52.0	50.8	39.3	27.3	23.6	14.0	31.3

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AVERAGE TEMPERATURE (F)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	20.1	26.6	36.3M	47.6	56.6	61.2	71.4	68.5	58.7	48.1	32.9	19.5	45.6*
1952	18.8	22.6	30.6	48.5M	56.6	65.5M	63.7M	68.0	61.3	50.6	32.2	22.3	45.6*
1953	29.0	24.6	39.5	44.0	51.3	65.6	71.9	66.6	61.3	50.2	36.5M	25.2	47.5*
1954	30.2	38.0	37.8M	51.4	58.7	64.1	73.8M	66.8M	61.1	50.4M	39.3	20.5M	49.3*
1955	19.0	20.2	34.0	45.4	56.4	62.4	70.9	70.5	60.4M	43.9	30.6	28.2	45.6*
1956	31.9	23.3	36.5	46.2	58.2M	66.4	69.4	64.9	60.9	50.4	31.5	22.4	46.9*
1957	23.7	30.5	39.9	46.1	52.0	62.5	68.6	68.5	58.3	49.8	33.3	27.8	46.8
1958	26.0	35.0	37.6	44.3	58.8	66.2	68.2	72.3	61.5	51.2	37.5	27.8	46.8
1959	25.9	30.3	38.1	47.1	56.5	65.6	67.3	65.4	56.0	46.4	34.7	27.8	46.8
1960	23.1	25.1	38.4	47.2	53.0	63.1	69.7	66.9	61.6	47.8	35.9	25.1	46.3
1961	24.3	31.3	38.1	45.2	56.9	64.6	69.6	63.8	53.9	46.9	34.4	20.8	46.3
1962	18.2	31.6	33.0	48.4	53.8	61.1	66.0	65.3M	59.2	50.3	39.2	27.1	46.1*
1963	14.0	35.8	37.8	47.5	57.2	62.3	71.0	68.1	62.3	53.7	39.1	23.2	47.7
1964	17.0	22.7	31.5	45.5	55.3	62.4	72.1	67.3	59.8	50.6	35.6	26.5	45.5
1965	29.1	30.3	34.7	46.9	54.4	61.8	69.4	66.9	55.7	43.9	41.6	30.7	47.6
1966	22.4	25.7	39.4	46.9	57.4	64.5	72.8	63.0	62.1	47.9	41.4	26.1	48.0
1967	23.6	32.2	43.7	47.5	54.8	62.0M	71.1	63.3	61.9	50.1	38.5	20.1	47.9*
1968	17.8	31.3	39.4	42.9	54.1	65.6	69.8	64.9	57.3	49.6	34.6	23.1	45.9
1969	25.8	23.2	35.1	49.6	59.8	61.5	70.7	71.5	61.7	42.9	34.7	29.8	47.6
1970	27.8	36.1	36.7	42.0	56.4	63.5	70.3	69.7	57.5	43.2	37.0	27.2	47.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

ROCKY FORD 2SE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEANS			EXTREMES						MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN.	47.7	12.6	30.2	76.	1951	26	-20.	1963	13	0.0	4.0	30.2	4.7	.28	.62	1961	27	4.8	7.	1960	18	.9	.1	0.0
FEB	52.2	17.7	35.0	81.	1962	12	-22.	1961	28	0.0	2.3	26.7	1.5	.26	.45	1960	14	4.3	15.	1960	20	1.1	0.0	0.0
MAR	58.2	23.1	40.7	86.	1963	28	-20.	1960	3	0.0	1.5	26.6	.5	.55	.58	1953	31	4.6	14.	1960	2	1.7	0.0	0.0
APR	70.2	34.7	52.5	92.	1965	22	3.	1957	8	.1	0.0	11.5	0.0	1.13	2.20	1957	2	1.7	3.	1959	9	2.6	.5	.2
MAY	79.7	45.1	62.4	99.	1967	24	22.	1967	1	3.8	0.0	1.5	0.0	1.68	2.42	1955	19	.2	0.	0	0	3.8	.8	.2
JUN.	89.4	54.4	71.9	106.	1954	24	36.	1970	5	16.8	0.0	0.0	0.0	1.35	2.45	1965	17	0.0	0.	0	0	3.1	.6	.2
JUL	94.3	59.6	77.0	107.	1960	27	45.	1952	8	24.8	0.0	0.0	0.0	1.98	2.31	1966	23	0.0	0.	0	0	4.7	1.1	.5
AUG	92.0	57.3	74.6	105.	1963	1	42.	1964	28	22.7	0.0	0.0	0.0	1.43	2.75	1965	19	0.0	0.	0	0	3.1	.9	.2
SEP	84.8	47.8	66.3	101.	1959	6	27.	1961	25	9.6	0.0	.4	0.0	1.11	2.14	1966	27	0.0	0.	0	0	2.5	.6	.3
OCT	73.4	35.2	54.3	95.	1954	2	11.	1969	13	.9	0.0	11.9	0.0	.85	2.20	1957	8	.5	1.	1969	13	2.1	.5	.1
NOV	58.0	23.0	40.5	81.	1958	10	-16.	1952	27	0.0	.9	26.5	.5	.43	.70	1957	7	2.9	3.	1958	17	1.3	.1	0.0
DEC	49.1	15.3	32.2	79.	1955	24	-28.	1961	12	0.0	2.9	30.2	1.9	.24	.26	1960	6	4.1	8.	1960	11	.7	0.0	0.0
ANNUAL	70.7	35.5	53.1							79.	12.	166.	9.	11.3				23.				26.	5.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.07	0.00	.30	.07	.53	.34	0.00	0.00	0.00	0.00	5.90
.10	.04	.03	.11	.17	.45	.15	.72	.48	.22	.04	.07	0.00	7.70
.20	.08	.07	.19	.36	.70	.31	1.00	.69	.42	.22	.15	0.00	8.74
.30	.13	.11	.27	.54	.93	.49	1.26	.87	.59	.35	.22	.12	9.58
.40	.17	.16	.35	.72	1.16	.70	1.50	1.06	.76	.48	.29	.16	10.32
.50	.22	.20	.44	.91	1.41	.94	1.76	1.25	.94	.64	.36	.20	11.04
.60	.28	.26	.54	1.14	1.70	1.24	2.05	1.47	1.14	.82	.44	.25	11.80
.70	.35	.33	.67	1.41	2.04	1.63	2.39	1.73	1.38	1.05	.54	.31	12.65
.80	.45	.42	.85	1.78	2.51	2.17	2.83	2.08	1.71	1.36	.68	.38	13.69
.90	.61	.57	1.14	2.38	3.25	3.10	3.53	2.62	2.23	1.88	.89	.50	15.23
.95	.76	.72	1.41	2.96	3.96	4.02	4.18	3.13	2.72	2.39	1.10	.60	16.58
ALPHA	1.50	1.42	1.58	1.67	2.03	1.02	2.94	2.62	2.04	1.33	1.83	2.36	14.52
BETA	.20	.19	.35	.33	.33	1.33	.67	.55	.57	.67	.25	.13	.78
Q	.05	.05	0.00	.05	0.00	0.00	0.00	0.00	.65	.65	.65	.65	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.71	.21	.39	.85	2.86	4.53	.89	1.04	.15	.75	.78	.25	13.42
1952	.32	.26	.73	1.7A	.61	.25	.76	1.39	1.62	T	.67	.41	8.50
1953	.15	.05	1.50	1.49	3.79	.29	1.40	1.41	.25	.41	.71	.47	11.90
1954	.25	.25	.57	.25	1.47	.18	4.49	2.62	1.32	1.35	.05	.25	13.05
1955	.18	.27	.14	.56	4.23	.29	1.28	2.72	2.19	.06	.32	.08	12.32
1956	.35	.31	.41	1.60	1.25	.59	1.11	1.16	T	.36	.36	.06	7.56
1957	.15	.02	.63	4.53	2.32	2.12	1.18	1.59	.95	2.64	1.94	T	18.07
1958	.53	.32	1.09	1.26	2.23	1.15	2.73	1.05	2.02	.52	.35	.16	13.41
1959	.74	.26	.43	1.05	2.07	1.31	.72	.44	1.27	1.38	.17	T	9.84
1960	.80	1.16	.08	2.56	.41	.46	1.04	.81	1.55	2.25	.16	.81	12.09
1961	.04	.75	1.01	.32	1.53	2.81	1.72	1.90	.75	.12	.38	.18	11.51
1962	.19	.11	.52	1.09	1.75	1.17	3.06	.16	.42	.53	.60	.17	10.38
1963	.15	.18	.48	.00	.28	2.04	.78	2.37	1.68	.18	.35	.19	8.98
1964	.02	.22	.14	.46	1.65	.1A	1.22	1.01	.41	.23	.29	.11	6.14
1965	.28	.22	.32	.36	.95	5.74	4.09	3.13	1.55	1.34	.10	.41	18.49
1966	.37	.29	.02	.58	.16	.10	4.54	.95	3.11	.70	T	.13	10.95
1967	.24	.03	.19	.19	1.91	1.44	2.25	1.21	.50	.73	.41	.63	6.70
1968	.05	.27	.50	.47	1.20	.77	1.41	2.83	.40	.22	.20	.19	8.51
1969	T	.08	.93	2.19	1.81	1.23	1.69	1.02	.57	1.85	.30	.26	12.13
1970	.12	T	.95	1.10	.24	.36	2.43	.44	1.50	1.33	.56	.00	9.03

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				T	8.0	5.0	10.6		6.2	1.9	.0	.5	
51-52	.0	.0	.0	T	8.0	5.0	3.8	T	6.0	5.0	T	.3	27.8
52-53	.0	.0	.0	.0	9.2	3.2	2.0	1.5	1.9	2.0	T	.0	19.6
53-54	.0	.0	.0	.0	5.5	5.1	4.5	2.0	3.0	.0	4.0	.3	24.1
54-55	.0	.0	T	.0	.3	4.0	1.0	4.3	1.3	T	.0	T	10.9
55-56	.0	.0	.0	T	1.6	1.0	6.5	7.1	5.9	2.0	.0	.0	24.1
56-57	.0	.0	.0	T	3.0	.3	3.3	T	3.0	5.5	.0	.0	15.1
57-58	.0	.0	.0	T	4.5	.0	7.5	2.9	6.4	4.0	.0	.0	25.3
58-59	.0	.0	.0	.0	8.4	3.1	13.9	5.1	T	6.7	.0	.0	37.2
59-60	.0	.0	.0	3.4	1.5	T	10.0	20.0	3.3	T	.0	.0	37.9
60-61	.0	.0	.0	T	3.2	18.5	1.5	10.5	6.5	1.0	.0	.0	41.2
61-62	.0	.0	.0	.0	1.0	8.0	5.0	1.0	7.5	T	.0	.0	22.5
62-63	.0	.0	.0	.0	5.5	1.5	3.3	1.0	2.0	.0	.0	.0	13.0
63-64	.0	.0	.0	T	2.0	6.0	2.0	9.0	3.5	T	.0	.0	22.5
64-65	.0	.0	.0	.0	2.0	1.5	7.0	7.5	7.0	.0	.0	.0	25.0
65-66	.0	.0	.0	.0	1.0	6.5	9.5	5.5	.5	2.0	.0	.0	25.0
66-67	.0	.0	.0	T	.0	2.5	2.0	.7	T	.3	.0	.0	5.2
67-68	.0	.0	.0	.0	1.6	10.4	1.5	3.4	4.5	T	T	.0	21.5
68-69	.0	.0	.0	.0	T	6.0	T	T	13.1	.9	.3	.0	19.1
69-70	.0	.0	.0	4.0	.5	T	1.0	T	11.5	4.2	.0	.0	21.2

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	44.7	54.7	57.7	65.4	78.4	81.4	94.2	91.5	83.5	70.9	54.5	49.4	64.9
1952	52.8	54.2	55.4	67.7	78.2	95.3	94.3	92.7	85.7	75.4	50.8	45.6	70.7
1953	58.5	54.6	65.4	67.1	74.2	93.2	95.0	91.2	83.1	74.4	60.3	45.3	72.3
1954	50.9	65.9	59.0	73.3	76.7	93.8	97.0	91.4	83.6	71.3	63.4	53.3	74.1
1955	46.1	47.1	63.9	72.4	78.2	84.9	95.8	91.9	85.2	76.8	57.4	52.2	71.0
1956	50.2	45.1	62.7	67.5	82.6	94.7	92.9	90.5	89.5	77.4	55.8	53.6	71.9
1957	44.4	53.8	55.8	62.7	73.9	85.2	94.4	92.0	82.8	70.2	51.6	54.7	69.4
1958	49.5	50.0	45.7	55.6	81.9	90.1	90.9	93.9	86.2	74.0	58.8	52.1	69.6
1959	42.3	47.3	61.2	68.5	80.3	92.2	93.8	93.9	82.6	67.3	58.6	51.6	69.9
1960	40.1	34.3	52.5	73.4	80.0	91.4	92.5	94.5	85.0	71.2	60.2	46.3	66.0
1961	44.3	51.8	58.2	65.9	79.4	83.6	91.5	90.3	79.7	73.9	53.0	44.3	68.7
1962	40.9	56.1	57.9	72.1	83.7	86.7	91.5	94.3	84.4	77.4	59.1	52.6	71.4
1963	40.3	58.4	62.3	75.3	82.9	91.0	97.5	91.1	87.6	75.5	61.9	43.5	72.6
1964	51.3	44.6	57.2	68.9	81.1	84.7	97.8	92.1	83.6	75.8	57.6	50.6	70.8
1965	54.0	50.0	48.5	72.9	79.3	85.1	92.4	93.9	78.9	76.2	64.1	49.7	70.1
1966	39.0	42.5	66.3	72.4	85.0	91.3	97.2	83.8	85.5	74.0	60.3	47.1	70.9
1967	53.9	57.4	69.1	76.0	77.8	86.2	92.3	83.9	83.5	76.7	59.8	42.5	72.1
1968	48.8	53.3	62.8	68.0	76.8	92.9	93.3	83.2	85.3	77.3	54.5	45.7	70.7
1969	53.6	55.0	49.3	73.2	75.5	85.1	95.1	94.6	85.5	61.3	55.5	49.2	70.1
1970	49.0	60.6	54.1	67.6	83.7	89.6	94.9	95.5	84.5	66.6	58.2	54.3	71.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.1	18.8	22.3	33.2	46.4	50.7	59.4	53.4	45.8	34.4	20.6	14.5	34.9
1952	17.3	19.3	23.7	36.5	44.5	57.5	58.2	58.7	48.6	31.5	18.8	15.9	35.9
1953	20.1	15.1	25.7	33.3	42.7	54.0	62.5	59.0	47.3	37.5	25.2	17.5	36.9
1954	15.9	23.2	23.4	37.0	45.7	55.3	62.7	56.6	50.8	37.0	23.4	14.9	37.2
1955	14.7	12.0	21.5	35.5	45.9	52.4	61.1	60.1	48.4	34.7	20.5	16.5	35.4
1956	16.1	13.5	24.1	33.2	47.0	57.4	58.8	55.2	47.4	37.3	20.7	16.6	35.6
1957	12.3	22.6	27.2	34.6	45.3	52.9	60.3	53.3	45.7	41.2	25.8	18.3	37.1
1958	11.7	22.9	24.7	33.4	49.6	57.3	59.0	53.5	52.4	35.6	23.9	19.8	37.4
1959	11.0	21.1	23.3	33.2	47.2	57.0	57.5	59.6	45.9	34.5	20.0	18.6	35.7
1960	8.2	10.4	22.5	37.8	43.5	54.7	57.1	57.2	43.2	37.7	24.6	12.3	34.7
1961	13.0	21.1	27.3	32.9	45.5	53.0	56.7	57.5	44.5	32.2	22.4	8.6	34.6
1962	3.6	13.3	17.8	36.3	45.4	52.4	57.8	55.3	43.6	30.3	24.3	16.5	34.4
1963	2.2	20.0	25.4	37.0	47.1	55.3	59.9	53.5	52.5	42.2	25.8	10.8	36.4
1964	14.0	14.8	21.1	32.3	44.4	53.7	60.6	55.3	48.8	32.8	25.8	18.1	35.1
1965	17.8	15.1	17.6	37.1	44.7	53.3	53.5	54.4	44.2	31.5	26.2	18.8	35.2
1966	6.7	14.3	25.1	34.4	43.3	55.6	63.5	56.0	50.7	33.2	24.1	11.1	34.8
1967	15.6	18.0	28.1	37.1	41.2	52.2	59.1	54.3	45.7	33.3	20.3	12.5	34.8
1968	12.3	17.1	24.6	30.4	40.8	54.0	57.3	55.8	44.4	34.0	21.4	10.2	33.6
1969	16.3	18.9	16.9	37.8	45.7	51.1	60.2	58.7	50.0	33.1	21.1	16.4	35.5
1970	9.7	18.4	19.5	31.5	45.5	52.9	60.0	58.2	45.4	31.9	26.0	15.9	34.5

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.4	36.8	40.0	49.3	62.4	66.1	76.8	75.0	64.7	52.7	37.6	32.0	51.9
1952	35.1	36.8	39.6	52.1	61.4	76.4	76.3	75.7	67.2	53.5	34.8	30.5	53.3
1953	39.3	34.9	45.6	50.2	58.5	75.6	74.3	74.6	67.7	56.0	42.8	31.7	54.6
1954	33.4	44.6	47.7	57.7	61.2	74.3	73.9	74.0	63.7	54.2	43.4	34.4	55.7
1955	30.4	29.6	42.7	54.0	62.1	68.7	78.5	76.0	66.8	55.8	39.0	35.4	53.3
1956	33.2	29.3	43.4	53.4	64.8	76.1	75.9	72.9	68.5	57.4	38.3	35.1	53.8
1957	28.4	41.2	41.5	43.7	55.6	69.6	77.6	75.7	64.3	55.7	36.7	38.4	53.3
1958	30.1	36.5	35.2	49.5	65.8	74.0	75.7	76.2	69.3	54.8	41.4	34.9	53.6
1959	26.7	34.2	42.3	53.9	63.6	74.6	75.7	75.8	64.3	50.9	39.3	35.1	52.9
1960	24.2	22.6	37.5	55.6	61.8	73.1	74.3	75.9	67.1	54.5	42.4	26.0	51.3
1961	28.7	36.5	42.8	53.9	62.5	70.8	74.1	73.9	62.1	53.1	37.7	26.5	51.5
1962	22.3	37.2	37.9	54.2	64.6	69.6	74.7	74.8	65.5	56.3	41.7	34.6	52.9
1963	21.3	33.2	43.9	56.2	65.0	73.2	78.7	74.8	73.1	60.9	43.9	27.2	54.5
1964	32.7	29.7	39.2	50.6	62.8	71.2	79.2	73.7	65.2	54.3	41.7	34.4	53.0
1965	35.9	32.6	33.1	55.0	62.3	69.2	76.2	71.7	61.5	54.9	45.2	34.3	52.7
1966	22.9	28.4	45.7	53.4	64.2	73.5	83.4	72.9	68.1	53.6	42.5	29.1	52.9
1967	34.8	37.7	48.6	56.6	59.5	69.2	75.7	72.1	64.6	55.0	40.1	27.5	53.5
1968	30.6	35.2	43.7	49.2	58.8	73.5	75.9	72.5	64.9	55.7	38.0	28.0	52.2
1969	35.0	36.9	33.1	55.5	62.6	69.1	77.7	75.7	67.4	47.2	40.3	32.3	52.3
1970	29.4	33.5	36.8	49.6	64.6	71.3	77.5	76.9	65.0	49.3	42.1	35.4	53.1

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

RUSH 2NNE

05 7287 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN	44.8	10.8	27.9	71.	1967	11	-27.	1963	12	0.0	5.6	30.9	6.3	.24	.40	1960	14	3.8	6.	1962	10	1.0	0.0	0.0	
FEB	46.9	13.3	30.1	76.	1962	11	-20.	1962	28	0.0	4.0	28.1	2.6	.19	.45	1960	14	3.1	8.	1960	29	.6	0.0	0.0	
MAR	51.6	18.3	34.5	82.	1963	28	-11.	1965	19	0.0	3.5	29.4	1.8	.57	.45	1963	11	6.6	7.	1963	13	2.2	0.0	0.0	
APR	62.9	28.0	45.5	85.	1962	19	-1.	1959	10	0.0	.3	21.7	.1	.91	1.20	1957	2	3.3	8.	1959	9	2.1	.5	.1	
MAY	72.9	38.8	55.9	87.	1967	24	21.	1970	2	1.3	0.0	5.3	0.0	2.07	1.77	1967	26	.4	0.	0	0	4.7	1.5	.5	
JUN	80.5	47.1	63.8	102.	1968	28	32.	1970	1	5.0	0.0	.1	0.0	1.67	1.25	1961	30	0.0	0.	0	0	4.4	1.3	.2	
JUL	87.1	53.7	70.4	104.	1964	4	41.	1961	22	12.1	0.0	0.0	0.0	2.19	2.00	1951	11	0.0	0.	0	0	5.3	1.3	.4	
AUG	84.2	51.6	68.3	103.	1969	9	39.	1964	30	7.5	0.0	0.0	0.0	2.74	3.65	1957	3	0.0	0.	0	0	4.5	1.8	.7	
SEP	76.7	43.4	60.1	100.	1959	8	24.	1965	16	2.5	0.0	2.2	0.0	1.02	1.27	1951	6	.5	11.	1959	30	2.6	.8	0.0	
OCT	66.9	32.6	49.8	90.	1967	3	3.	1969	13	.2	.2	14.8	0.0	.72	1.80	1960	18	1.6	8.	1959	2	2.1	.5	.1	
NOV	54.8	21.8	38.3	75.	1967	12	-8.	1959	13	0.0	1.5	28.3	.4	.31	.45	1962	15	2.8	6.	1962	16	1.1	0.0	0.0	
DEC	46.4	14.4	30.5	75.	1965	4	-20.	1961	12	0.0	3.5	30.7	3.0	.20	.36	1969	4	3.3	6.	1967	15	.6	0.0	0.0	
ANNUAL	64.5	31.1	47.8							29.	19.	197.	14.	12.8				26.				31.	8.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.13	0.00	.47	.32	.37	.64	.15	0.00	0.00	0.00	6.96
.10	.03	.02	.18	0.00	.66	.47	.56	.89	.24	0.00	0.00	0.00	7.98
.20	.07	.06	.26	.18	.97	.72	.87	1.30	.39	.08	.15	.07	9.35
.30	.11	.09	.34	.33	1.27	.94	1.17	1.65	.53	.22	.20	.11	10.44
.40	.15	.12	.41	.49	1.57	1.17	1.48	2.01	.68	.36	.25	.14	11.42
.50	.19	.16	.49	.67	1.80	1.47	1.83	2.41	.84	.50	.34	.17	12.40
.60	.24	.19	.58	.87	2.03	1.69	2.20	2.91	1.02	.69	.40	.21	13.44
.70	.30	.24	.69	1.13	2.25	1.93	2.67	3.32	1.25	.91	.50	.27	14.51
.80	.38	.30	.83	1.49	2.47	2.29	3.29	4.08	1.55	1.22	.67	.32	15.61
.90	.51	.41	1.06	2.08	3.33	3.19	4.30	5.03	2.05	1.43	.84	.41	16.82
.95	.63	.52	1.27	2.66	4.59	4.66	5.26	6.02	2.52	2.23	.68	.50	20.14
ALPHA	1.61	1.50	2.43	1.30	2.49	2.16	1.91	2.55	1.77	1.27	3.65	2.25	10.02
BETA	.16	.13	.24	.77	.83	.77	1.14	1.07	.58	.67	.10	.10	1.28
Q	.05	.05	0.00	.10	0.00	0.00	0.00	0.00	0.00	.15	.10	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.35	.18	.29	.80	1.98	2.25	3.27	1.94	1.66	1.78	.46	.07	15.26
1952	.17	.10	1.33	2.30	2.05	.61	.97	5.84	.72	.00	.60	.23	14.52
1953	.02	.07	.50	1.82	1.87	.94	1.43	2.73	.15	.71	.37	.37	11.28
1954	.15	.03	.51	.03	1.53	.91	1.08	2.85	.27	.97	.19	.18	8.70
1955	.20	.26	.31	.10	1.63	1.00	1.51	3.35	1.20	.13	.20	.03	9.92
1956	.48	.15	.43	.27	1.25	1.74	2.00	2.54	.22	.41	.50	.12	10.11
1957	.37	.15	.51	4.14	6.01	1.52	2.19	4.18	1.20	1.35	.92	.09	22.63
1958	.10	.34	1.01	.72	5.31	3.01	4.84	1.23	1.26	.87	.30	.10	19.09
1959	.33	.16	.76	.83	1.32	2.10	.33	1.17	2.16	.73	.26	.07	10.19
1960	.52	.71	.53	.31	1.54	1.48	1.26	.72	.49	2.50	.15	.44	12.65
1961	.07	.42	1.16	.70	1.71	3.23	1.42	4.76	1.84	.13	.39	.23	16.09
1962	.69	.15	.32	.85	1.75	2.05	1.82	.31	1.08	.50	.63	.32	8.88
1963	.34	.01	.73	.00	1.00	1.50	1.80	6.31	2.48	.23	.12	.17	14.69
1964	.03	.18	.59	.00	2.30	.25	.07	1.81	.62	.00	.25	.00	5.81
1965	.10	.42	.83	.69	1.61	3.44	3.37	4.16	.82	.65	T	.24	16.33
1966	.32	.06	.02	.70	.48	.56	1.73	1.81	1.84	.25	.00	.11	7.88
1967	.21	.12	.18	1.02	3.69	2.64	3.50	2.78	.63	.75	.20	.37	15.79
1968	.40	.25	.42	.91	.47	.99	4.78	2.46	.85	.38	.23	.32	12.44
1969	.12	.08	.65	.76	3.29	1.87	2.73	2.63	1.27	1.91	.21	.51	16.03
1970	.03	.00	.74	1.18	.62	1.51	3.27	1.15	.71	1.40	.30	T	10.88

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							4.3	2.5	3.8		T	T	
51-52	T	.0	.0	3.5	5.5	1.3	1.0	4.8	15.3	3.5	.0	.0	34.9
52-53	.0	.0	.0	.0	8.5	6.3	2.0	2.0	6.0	9.0	3.1	.0	36.9
53-54	.0	.0	.0	T	4.0	5.8	5.8	1.8	4.0	.0	2.0	.0	23.4
54-55	.0	.0	.0	T	2.3	3.0	5.0	4.5	6.5	1.0	.0	.0	22.3
55-56	.0	.0	.0	T	2.5	.5	8.0	1.3	6.0	2.1	.0	.0	20.4
56-57	.0	.0	.0	2.0		2.0	7.6	1.5	6.5	22.0	.0	.0	
57-58	.0	.0	.0	2.0	5.0		1.0	4.0	3.8		.0	.0	
58-59	.0	.0	.0	T	3.5	3.5	8.5	5.0	9.1	8.0	.0	.0	37.6
59-60	.0	.0	11.0	T	1.0	1.5	6.1		5.6	1.0	.0	.0	
60-61	.0	.0	.0		1.5		2.0	6.5			.0	.0	
61-62	.0	.0	.0	.0	2.5	4.5		2.0	3.3	2.5	.0	.0	
62-63	.0	.0	.0	.0	6.0	2.0		T	13.5	.0	.0	.0	
63-64	.0	.0	.0	2.0	1.0	3.5	.7	6.5		.0	.0	.0	
64-65	.0	.0	.0	.0	3.0	.0	1.0	7.0		.0	.0	.0	
65-66	.0	.0	.0	.0	T	4.0	6.0	2.0	.5	1.5	2.0	.0	16.0
66-67	.0	.0	.0	2.0	.0	2.0	4.0	2.0	2.0	3.0	.5	.0	15.5
67-68	.0	.0	.0	1.0	3.0	6.5	3.5	4.5	4.5	4.1	1.0	.0	20.0
68-69	.0	.0	.0	.0	1.8	5.0	2.4	1.5		1.5	.0	.0	
69-70	.0	.0	.0	12.5	2.0	7.0	.0	.0	10.7	1.0	.0	.0	33.2

RUSH 2NNE

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									80.2	68.2	55.6	47.4	
1959	44.2	44.1	51.5	60.1	70.9	82.7	87.1	88.5	75.7	51.9	52.1	49.5	64.0
1960	39.6	33.6	48.2	63.9	71.3	82.1	84.4	88.5	78.7	66.3	55.3	42.5	62.9
1961	47.9	49.1	48.5	57.3	68.7	80.6	85.0	82.2	73.3	66.4	56.1	40.3	62.2
1962	39.0	47.6	49.4	63.5	75.5	78.4	84.7	90.8	79.4	70.9	56.4	49.1	65.3
1963	37.5	54.3	53.4	66.2	78.3	85.2	91.2	81.6	78.5	76.4	56.0	44.3	67.0
1964	44.7	40.5	46.0	64.4	75.2	81.7	93.4	86.3	77.4	70.2	52.2	49.2	65.1
1965	51.9	47.2	39.3	66.2	73.8	75.3	86.6	81.5	66.9	70.7	59.4	51.0	64.2
1966	41.8	42.4	56.6	63.8	76.9	83.2	91.2	82.2	76.9	66.6	58.3	45.3	65.6
1967	49.0	51.4	60.7	66.4	68.7	75.3	82.4	81.6	77.9	65.3	56.4	33.5	64.7
1968	46.0	48.1	57.2	59.8M	68.5	84.6	83.9	79.9	78.6	71.6	50.5	48.2	64.7*
1969	53.7	50.1	44.3	63.6	70.5	75.5	88.5	87.2M	77.2	51.9	53.8	45.8	63.4*
1970	45.9	54.3	49.5	59.3	76.8	81.3	86.1	88.2	79.8	60.8	56.0	50.3	65.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958								48.0		35.4	21.4	18.6	
1959	13.5	16.6	17.9	27.1	39.8	50.0	53.5	52.5	41.5	29.6	16.0	13.1	30.8
1960	10.6	7.5	20.3	31.5	38.4	48.8	52.4	50.8	46.9	36.4	22.6	18.1	32.1
1961	14.9	17.7	22.9	26.9	40.9	49.2	52.1	52.3	38.7	29.0	17.7	7.2	30.8
1962	3.6	15.9	17.6	31.4	41.2	47.8	53.5	51.0	44.5	35.3	23.3	16.9	31.8
1963	2.1	17.3	20.2	29.1	41.2	48.7	55.5	53.7	46.3	39.9	24.3	11.2	32.5
1964	10.9	7.6	15.3	26.1	38.7	45.3	54.4	43.8	43.6	32.5	22.1	14.3	30.1
1965	16.0	9.8	11.2	30.7	39.8	47.4	52.9	49.1	38.4	35.3	25.0	17.1	31.1
1966	5.3	9.5	20.6	24.7	37.4	47.4	58.3	51.5	45.9	39.5	23.5	12.4	30.6
1967	14.1	13.9	22.5	23.7	34.3	45.2	52.4	53.7	41.2	31.7	20.0	7.3	30.2
1968	11.5	13.2	19.0	25.0M	34.8	47.9	53.6	51.0M	41.9	31.3	23.3	13.5	30.5*
1969	16.9	15.4	15.0	31.4	41.8M	44.3	55.3	54.2M	45.8	26.6	21.7	19.7	32.1*
1970	13.3	15.4	17.1	24.0	37.7	43.2	52.5	53.1	41.7	30.1	22.7	19.6	30.6

RUSH 2NNE

05 7287 1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958									64.1	51.8	38.5	33.5	
1959	27.4	33.4	34.7	43.6	55.4	66.4	68.3	70.5	58.5	45.7	34.1	33.8	47.5
1960	25.1	23.6	34.6	47.7	54.9	65.5	68.5	69.7	62.8	51.4	39.0	30.3	47.5
1961	31.4	33.4	35.7	42.1	54.8	64.9	68.6	67.3	54.5	47.7	33.9	23.6	46.5
1962	21.3	31.8	33.5	47.5	58.4	63.1	69.1	70.9	61.5	53.1	39.9	32.6	48.6
1963	19.8	35.8	37.0	47.7	59.8	67.0	73.4	67.7	62.4	58.1	40.2	28.1	49.8
1964	27.8	24.1	32.7	45.3	57.0	63.5	74.1	68.1	60.5	51.4	37.2	32.1	47.7
1965	34.0	28.5	25.3	48.5	56.8	61.4	69.9	65.3	52.7	53.3	42.2	34.1	47.6
1966	23.6	26.3	39.6	44.3	57.2	65.3	74.5	66.9	61.4	48.5	40.9	29.1	48.1
1967	31.6	32.7	41.6	47.6	51.5	60.3	67.6	55.2	59.6	40.9	38.2	22.9	47.5
1968	28.8	30.7	38.1	42.4M	51.7	66.3	68.8	65.5M	60.3	51.8	36.8	30.9	47.7*
1969	33.8	32.8	29.7	47.5	56.2M	60.4	71.8	70.7M	51.5	39.3	37.8	31.5	47.8*
1970	29.6	34.9	33.3	41.7	57.3	62.1	63.3	70.7	60.8	45.5	39.4	33.7	48.2

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

RYE

05 7315 :

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION: (INCHES)										
	YEARS			EXTREMES						MEAN NO. OF DAYS				SIGNS, SLEET				MEAN NO. OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		JULY		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN.	44.0	15.2	29.6	68.	1951	22	-26.	1963	13	0.0	4.8	29.5	3.8	.86	1.20	1960	14	13.5	23.	1962	10	2.8	.6	.2
FEB	45.8	16.6	31.2	71.	1957	14	-25.	1951	1	0.0	3.5	26.9	2.7	1.30	1.67	1965	9	13.4	36.	1965	9	3.4	.6	.1
MAR	49.2	20.0	34.5	79.	1963	29	-15.	1969	9	0.0	3.0	27.9	1.9	1.94	1.59	1968	11	22.8	33.	1970	31	4.1	1.2	.4
APR	59.4	29.8	44.6	86.	1963	1	0.	1959	12	0.0	.2	19.5	0.0	2.71	3.61	1957	2	15.9	28.	1957	2	3.8	1.5	.8
MAY	68.8	38.6	53.7	93.	1964	20	16.	1954	2	.2	0.0	5.5	0.0	3.10	6.10	1955	18	2.2	14.	1954	1	3.9	1.6	.8
JUN.	78.5	46.1	62.3	97.	1966	15	30.	1954	3	1.8	0.0	.5	0.0	1.59	1.65	1963	16	.2	0.	0	0	4.2	.8	.2
JUL	82.4	51.8	67.1	97.	1964	2	38.	1968	1	4.3	0.0	0.0	0.0	3.26	4.42	1965	30	0.0	0.	0	0	7.2	2.2	.4
AUG	79.2	50.3	64.8	95.	1963	1	34.	1968	24	1.1	0.0	0.0	0.0	3.20	4.00	1966	1	0.0	0.	0	0	7.1	1.6	.7
SEP	74.2	42.9	58.5	90.	1960	5	23.	1970	26	.2	0.0	1.6	0.0	1.50	2.26	1959	29	1.2	14.	1959	30	3.1	1.2	.5
OCT	64.1	33.2	48.4	89.	1962	13	7.	1969	13	0.0	.3	14.7	0.0	1.70	2.69	1969	12	5.6	17.	1959	1	4.0	1.1	.4
NOV	57.8	22.5	37.2	78.	1962	9	-11.	1952	26	0.0	2.0	26.2	.8	1.25	1.50	1957	2	12.8	15.	1961	13	2.6	.8	.1
DEC	45.8	17.1	31.5	73.	1955	23	-14.	1963	11	0.0	3.7	29.7	2.0	.92	1.11	1954	27	15.7	29.	1961	12	2.1	.4	.1
ANNUAL	62.0	32.1	47.0							8.	18.	182.	11.	23.3				103.				48.	14.	5.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.10	0.00	.43	0.00	.37	.22	.81	.83	0.00	.19	0.00	.08	14.83
.10	.17	.20	.61	1.06	.61	.35	1.11	1.13	.34	.32	.29	.14	16.40
.20	.29	.42	.90	1.55	.85	.58	1.59	1.60	.62	.55	.52	.26	18.46
.30	.41	.62	1.15	1.90	1.48	.80	2.01	2.00	.84	.79	.71	.39	20.05
.40	.54	.82	1.41	2.23	1.74	1.03	2.43	2.41	1.06	1.04	.89	.53	21.48
.50	.68	1.04	1.68	2.56	2.05	1.29	2.87	2.83	1.30	1.33	1.08	.89	22.87
.60	.85	1.30	1.99	3.11	2.37	1.49	3.36	3.30	1.55	1.66	1.30	.88	24.32
.70	1.06	1.61	2.76	3.79	2.79	1.65	3.94	3.86	1.84	1.97	1.54	1.12	25.94
.80	1.34	2.03	3.84	4.82	3.80	1.83	4.70	4.59	2.27	2.63	1.90	1.46	27.93
.90	1.70	2.77	5.61	7.61	5.45	2.23	5.91	5.75	2.91	3.56	2.44	2.02	30.45
.95	2.25	3.38	8.34	11.33	8.06	3.00	7.04	6.83	3.52	4.47	2.95	2.57	33.41
ALPHA	1.51	1.67	2.43	4.43	1.51	1.67	2.71	2.84	2.33	1.45	2.33	1.24	16.84
BETA	.57	.82	.80	.64	2.05	.95	1.20	1.13	.67	1.17	.57	.75	1.39
Q	0.00	.05	0.00	.05	0.00	0.00	0.00	0.00	.05	0.00	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

RYE

05 7315 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.17	.84	1.74	3.09	2.27	2.02	1.41	3.02	.55	1.03	1.64	1.33	20.08
1952	.15	1.37	1.53	4.32	4.76	.13	2.10	2.16	.67	.26	2.11	.32	20.49
1953	.21	1.10	1.68	1.35	4.02	.24	3.43	3.08	.29	.43	1.33	1.40	19.37
1954	.29	.61	1.41	1.22	4.25	1.35	3.63	1.33	.73	1.11	1.11	1.31	13.38
1955	.19	1.52	.53	.98	11.74	2.04	1.33	3.10	.90	.38	1.06	.15	24.58
1956	1.27	1.24	1.86	3.67	1.75	.88	2.32	1.70	.30	.27	2.16	.77	18.39
1957	1.12	.43	1.33	3.17	6.72	3.12	4.34	2.35	1.32	2.14	4.40	.34	35.53
1958	.83	.55	2.87	2.12	2.56	.86	2.53	1.69	1.80	1.53	.51	1.12	18.97
1959	2.97	1.41	3.55	3.34	2.55	1.53	1.08	2.08	3.69	3.41	1.03	1.30	28.00
1960	1.65	2.26	1.74	2.57	.60	1.43	3.16	.84	2.62	6.31	.89	1.93	25.70
1961	.80	2.48	2.09	2.42	4.64	3.18	5.59	6.50	1.63	1.32	1.75	1.60	34.50
1962	1.42	.68	1.68	2.96	.22	.92	5.83	.580	1.40	1.00	.50	.04	17.38*
1963	.10	.02	.81	.00	.35	2.60	.62	4.84	1.75	.56	.32	.64	12.61
1964	.85	2.98	2.43	2.55	2.03	1.63	1.58	3.92	1.73	.30	1.20	.99	22.24
1965	.41	3.13	1.94	3.85	1.06	2.89	8.17	6.13	2.13	.65	T	.32	30.68
1966	1.34	.37	.15	1.87	1.39	.44	3.48	7.79	1.28	.54	.17	.53	19.90
1967	.67	2.19	.54	3.05	2.65	1.49	2.85	3.69	.97	2.29	.37	1.24E	22.51*
1968	1.30	1.55	2.75	2.88	3.25	.20	7.06	4.93	.38	1.32	1.27	.97	28.25
1969	.17	T	3.03	2.82	4.03	4.20	1.85	1.83	3.03	4.59	.37	1.63	27.36
1970	.38	.69	5.11	1.75	1.23	.58	1.72	2.32	2.67	3.79	1.87	.05	22.16

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							20.4	12.1	22.5	12.1	.0	4.3	
51-52	T	.0	3.2	6.8	24.4	13.7	.0	17.4	23.4	.3	.0	.0	83.9
52-53	.0	.0	.0	T	26.4	12.2	5.0	17.3	17.6	16.3	13.5	.3	108.3
53-54	.0	.0	.0	6.1	20.0	30.6	4.2	9.5	20.7	4.6	16.1	.0	111.8
54-55	T	.0	.0	4.3	7.4		2.0			12.4	T	.0	
55-56	.0	.0	.0	1.2	15.5	2.1	17.0	21.0	22.0	19.0	3.3	.3	130.8
56-57	.0	.0	.0	.0	25.2	10.3	13.1	2.0	20.5	53.8	7.5	.0	137.4
57-58	.0	.0	.0	1.0	38.2	1.0	14.5	10.5	31.4	19.5	.0	.0	116.1
58-59	.0	.0	T	3.0	8.0		37.0	19.0	33.0	35.0	T	.0	
59-60	.0	.0	14.0	17.5	13.1	14.0	16.5	25.2	14.5	12.0	T	.0	130.8
60-61	.0	.0	.0	15.0	8.0	22.8	10.2	32.3	20.5	21.3	4.3	.0	134.4
61-62	.0	.0	4.0	7.0	26.0	31.0	30.5	8.5	14.1	10.0	T	.0	131.1
62-63	.0	.0	.0	.0	5.0			.0		.0	.0	.0	
63-64	.0	.0	.0	.0							.0	.0	
64-65	.0	.0	.0	.0	T						.0	.0	
65-66	.0	.0		.0	.0				.0		.0	.0	
66-67	.0	.0	.0		T						.0	.0	
67-68	.0	.0	.0		.0						.0	.0	
68-69	.0	.0	T	.0				.0		.0	.0	.0	
69-70	.0	.0	.0			30.6	5.5		55.7	.0	.0	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.1	50.6	50.0	55.9	68.0	73.9	84.6	82.1	76.8	63.6	50.1	44.7	61.8
1952	48.2	47.3	46.0	54.2	68.4	83.5	85.5	32.5M	78.2	69.9	46.1	44.5	63.3*
1953	53.3	47.4	56.4	56.4	63.7	82.1	44.1	83.1	74.8	56.1	56.6	44.9	64.2
1954	49.6	58.8	48.6	67.5	66.2	82.9	84.9	83.0	89.2	65.9	58.3	52.0	66.5
1955	44.2	43.3	53.7	60.1	67.5	74.6	85.2	81.3	77.3	69.6	52.2	51.1	63.3
1956	47.9	42.6	54.0	58.3	71.9	83.4	82.3	80.2	82.3	70.2	51.9	49.5	64.5
1957	44.1	56.0	51.4	53.7	62.1	76.4	82.3	30.0	73.8	61.0	45.1	51.7	61.5
1958	45.2	48.3	42.2	55.3	71.3	80.3	80.7	82.3	76.9	65.5	56.0	49.5	62.8
1959	45.2	44.5	50.3	58.9	67.5	79.7	82.1	81.2	73.8	66.2	55.3	48.4	62.3
1960	42.8	35.2	51.4	62.6	68.4	80.1	81.2	83.1	75.8	62.6	55.7	43.2	61.8
1961	46.8	47.0	49.6	57.8	69.1	76.9	79.6	78.4	73.2	63.9	48.0	40.7	60.7
1962	49.4	48.8	48.5	61.0	73.4	77.3	79.9	75.7	75.7	72.6	60.2	47.0	63.2*
1963	38.7	48.9	52.5M	70.3	76.6	84.8	90.4	80.9	77.9	71.4	56.4	45.0	66.2*
1964	43.9	39.2	48.4	60.8	74.0	79.7M	88.2	31.5	75.5	66.4M	53.6	46.8	63.2*
1965	50.3	45.9	43.6	63.4	72.4	79.3	83.7	78.6	69.8	67.1	57.3	51.1	63.5
1966	40.6	42.1	57.3	63.7	74.7	82.3M	79.4	66.9	66.7	57.8	50.1	38.7	60.1*
1967	39.9	39.3	52.4	57.8	61.2	69.6	75.0	71.5	70.0	61.0	47.4		
1968	38.7	39.8	49.1	53.6	62.2	77.0	75.4	71.4	67.0	61.6	43.1	37.7	56.4
1969	42.6		37.5	57.7	64.5	67.5	74.3	77.9	66.4	48.1	43.7	37.0	
1970	35.9	45.0	40.2	54.6	73.0	78.3	84.9	82.3	72.3	57.3	49.5	47.0	60.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.4	20.3	21.4	28.5	38.0	42.6	54.4	52.6	42.6	32.5	21.9	18.4	32.3
1952	22.6	18.6	19.8	31.5	38.8	50.3	52.9	52.3M	47.0	34.7	18.9	18.3	33.8*
1953	24.9	17.1	26.5	27.8	35.5	50.4	55.5	50.8	45.8	37.0	26.9	15.0	34.5
1954	21.6	26.8	22.3	34.9	37.3	47.3	55.9	52.1	47.3	36.3	27.8	20.5	35.8
1955	16.8	13.0	21.2	32.0	39.9	44.5	54.1	53.6	46.1	35.2	21.1	21.7	33.3
1956	19.6	13.4	21.1	28.3	42.0	50.2	51.5	50.7	45.7	36.3	19.8	20.1	33.2
1957	15.3	24.9	24.2	26.4	35.9	46.2	53.4	53.1	41.2	36.5	18.7	21.7	33.1
1958	16.4	22.6	18.1	29.1	42.6	48.4	50.7	52.8	45.7	36.2	25.3	21.2	34.1
1959	14.6	17.5	20.4	33.1	40.3	49.3	50.1	53.2	43.3	31.6	20.3	21.2	32.7
1960	13.6	9.7	22.6	32.6	37.9	47.5	50.2	50.5	46.5	30.3	24.7	17.3	32.5
1961	15.5	17.8	24.8	28.3	40.0	47.4	50.5	52.1	39.9	32.6	22.8	19.6	32.0
1962	8.4	20.7	18.5	33.2	39.2	45.2	50.0				26.8	19.2	
1963	7.9	20.3	38.7	41.2	47.2	53.4	52.1	46.6	37.7	24.2	11.3		
1964	12.1	5.9	13.7	27.5	40.2	44.1	51.9	46.6	41.6	29.2	21.2	14.2	29.0
1965	17.7	11.7	10.4	31.0	37.2	43.3	50.0	46.1	37.6	33.8	24.1	16.4	29.7
1966	7.7	7.5	20.6	24.1	37.7	46.1	56.1	48.6	43.5	31.5	27.8	16.0	30.6
1967	16.6	15.1	27.0	33.2	36.6	44.4	50.4	43.2	41.1	32.9	22.3		
1968	13.1	16.6	23.5	27.3	36.5	44.8	47.9	45.5	37.0	30.9	17.5	13.7	29.2
1969	16.1		10.8	28.7	35.6	39.0	47.0	45.9	38.7	23.8	16.0	12.0	
1970	7.9	14.0	13.1	23.2	39.5	43.5	49.9	49.8	38.1	23.3	21.8	17.4	28.9

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.8	35.5	35.7	42.2	53.0	58.3	69.5	67.4	53.7	48.1	36.0	31.6	47.1
1952	35.4	32.9	32.9	45.4	53.6	66.9	69.2	67.4M	52.6	52.3	32.5	32.4	48.5*
1953	39.1	32.3	41.5	42.1	49.6	66.3	63.8	65.5	62.3	51.6	41.8	30.5	49.4
1954	35.6	42.8	35.5	51.2	51.8	65.1	70.4	67.6	63.8	51.1	43.1	36.3	51.2
1955	30.5	28.2	37.5	46.1	53.7	59.6	63.7	67.5	61.7	52.4	36.7	36.4	48.3
1956	33.8	28.0	37.6	43.3	57.0	66.8	66.9	65.5	64.0	53.3	35.9	34.3	48.9
1957	29.7	40.5	37.8	40.1	49.0	61.3	67.3	66.6	57.5	48.8	31.9	36.7	47.3
1958	30.8	35.5	39.2	42.2	57.0	64.4	65.7	67.6	61.3	50.9	40.7	35.4	48.5
1959	29.9	31.0	35.4	44.5	53.9	64.5	65.1	67.2	58.6	45.9	37.8	34.3	47.5
1960	28.2	22.5	37.0	47.6	53.2	63.8	65.7	65.8	61.2	49.5	40.2	30.3	47.2
1961	31.2	33.4	37.2	43.1	54.6	62.2	65.1	65.3	55.1	48.3	35.4	25.7	46.4
1962	24.4	34.8	33.5	47.1	56.3	51.1	65.0				43.5	33.1	
1963	23.3	34.6		54.3	58.9	66.0	71.9	66.5	62.3	54.4	40.3	28.4	
1964	28.0	22.6	31.1	44.2	57.1	61.9M	73.1	64.3	58.6	47.8M	37.4	30.5	46.1*
1965	34.0	28.8	27.0	47.2	54.8	61.3	66.9	62.4	53.2	43.0	40.7	34.5	46.6
1966	24.2	24.8	39.0	43.9	56.2	64.5M	67.8	57.8	55.1	44.7	39.0	27.4	45.4*
1967	28.4	27.2	39.7	45.5	48.9	57.0	62.7	59.9	55.6	47.0	34.9		
1968	25.9	28.2	36.3	40.5	49.4	60.9	61.7	58.5	52.0	46.3	30.3	24.0	42.8
1969	29.4		24.2	43.2	50.1	53.3	62.7	61.9	52.6	36.0	29.9	24.5	
1970	21.9	29.5	26.7	38.9	56.3	60.9	67.4	66.1	55.2	42.8	35.7	32.2	44.5

SEASON

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

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CLIMATOLOGY REPORT NO. 77-1

SAGUACHE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SHOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	37.0	6.3	21.7	58.	1969	7	-21.	1965	13	0.0	9.6	30.8	8.3	.23	.54	1956	17	3.7	10.	1968	19	.8	.1	0.0
FEB	41.6	11.8	26.7	63.	1970	17	-24.	1951	2	0.0	4.7	28.2	3.7	.25	.33	1965	10	3.9	12.	1966	14	1.1	0.0	0.0
MAR	48.7	17.3	33.0	70.	1966	31	-6.	1965	3	0.0	1.8	30.8	.5	.37	.69	1953	30	4.7	5.	1953	30	1.4	0.0	0.0
APR	58.9	25.2	42.1	77.	1965	22	7.	1959	10	0.0	0.0	26.8	0.0	.60	1.07	1952	21	4.0	6.	1957	2	1.5	.1	0.0
MAY	68.7	34.2	51.5	84.	1967	24	16.	1953	2	0.0	0.0	11.3	0.0	.78	.94	1957	8	.9	2.	1969	7	2.5	.5	0.0
JUN	77.6	41.4	59.5	93.	1954	23	26.	1954	7	.4	0.0	1.2	0.0	.64	1.05	1953	19	.1	0.	0	0	2.0	.1	0.0
JUL	81.8	48.1	65.0	92.	1951	7	37.	1958	4	.6	0.0	0.0	0.0	1.72	1.50	1969	17	0.0	0.	0	0	5.2	.9	.1
AUG	79.2	46.4	62.8	89.	1954	3	33.	1964	28	0.0	0.0	0.0	0.0	1.73	1.01	1955	19	0.0	0.	0	0	5.5	.6	.1
SEP	73.8	38.2	56.0	88.	1954	1	18.	1970	26	0.0	0.0	3.6	0.0	.86	1.00	1961	3	.1	1.	1961	3	3.1	.4	.1
OCT	63.6	29.1	46.4	79.	1963	1	9.	1969	13	0.0	0.0	22.6	0.0	.87	.98	1965	18	3.3	10.	1969	12	2.1	.6	0.0
NOV	48.2	17.3	32.8	68.	1953	3	-12.	1952	26	0.0	2.0	29.4	1.1	.37	.52	1952	9	3.5	6.	1964	18	1.5	0.0	0.0
DEC	38.1	8.6	23.4	60.	1960	2	-21.	1967	21	0.0	8.3	31.0	6.1	.38	.65	1965	23	5.9	14.	1967	19	1.5	.1	0.0
ANNUAL	59.6	27.0	43.4							1.	26.	216.	20.	8.8				30.				28.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.03	0.00	0.00	.40	.50	0.00	0.00	0.00	0.00	4.70
.10	0.00	0.00	.09	.06	0.00	0.00	.55	.66	0.00	0.00	0.00	0.00	5.41
.20	.02	.06	.15	.13	.31	.18	.81	.91	.22	.07	.07	.08	6.36
.30	.06	.12	.21	.21	.44	.30	1.03	1.13	.37	.21	.12	.15	7.11
.40	.10	.16	.26	.30	.57	.41	1.26	1.33	.52	.35	.19	.21	7.80
.50	.15	.21	.32	.41	.69	.53	1.50	1.55	.68	.55	.26	.29	8.49
.60	.21	.27	.38	.45	.83	.66	1.76	1.79	.88	.78	.35	.37	9.21
.70	.28	.32	.46	.57	.99	.82	2.08	2.07	1.09	1.07	.43	.48	10.03
.80	.37	.40	.56	.73	1.20	1.03	2.50	2.44	1.37	1.47	.60	.68	10.84
.90	.57	.53	.76	1.10	1.63	1.38	3.17	3.01	1.87	2.17	.85	.87	11.58
.95	.74	.63	.87	1.42	1.84	1.70	3.80	3.55	2.34	2.66	1.10	1.10	13.92
ALPHA	1.07	2.15	2.35	.98	2.64	1.81	2.51	3.23	1.64	1.04	1.22	1.39	9.60
BETA	.25	.14	.17	.62	.33	.40	.68	.53	.58	.49	.33	.31	9.92
Q	.15	.15	.05	0.00	.10	.10	0.00	0.00	.10	.15	.10	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAFF PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

SAGUACHE

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.48	.35	.21	1.42	.20	.15	.75	2.86	T	.42	.51	.05	7.40
1952	.75	.05	.48	1.57	.47	.20	1.76	.84	1.22	.04	.74	.17	8.29
1953	T	.42	.82	.75	1.27	1.45	2.45	1.74	T	1.08	.80	.23	11.01
1954	.04	.03	.08	.02	1.33	.67	2.90	1.55	1.12	.21	.15	.23	7.73
1955	.08	.12	.05	.67	1.26	T	.66	3.76	.59	T	.12	.20	7.51
1956	.82	.11	.35	.41	.46	.27	1.28	.70	.10	.47	.59	.26	6.22
1957	.59	.00	.43	1.31	2.78	1.21	3.45	2.96	.33	2.02	1.36	.08	16.22
1958	.41	.19	.48	.59	.37	.38	.79	1.37	.75	.64	.24	.20	6.41
1959	.02	.49	.18	1.14	.95	.83	1.24	1.01	.77	2.71	.07	T	9.41
1960	.40	.46	.25	.02	.47	.42	1.65	.48	.16	1.71	.16	.37	7.05
1961	.07	.14	.93	.48	.65	.52	1.07	2.06	1.28	2.30	.35	.24	10.29
1962	.17	.26	.31	.24	.00	.53	.84	.38	.92	.45	.59	.54	5.23
1963	.13	.54	.31	.02	T	.64	.77	1.16	1.01	.74	.43	.11	5.46
1964	T	.44	.25	1.11	.31	.82	1.95	1.43	1.46	T	.70	.31	6.78
1965	.21	.46	.74	.51	.79	.72	3.17	1.71	1.65	1.60	T	1.12	12.68
1966	.08	.43	T	.55	.78	.47	.51	2.20	.77	.24	.19	.39	6.61
1967	T	T	.18	.41	1.33	1.30	2.43	3.30	.81	.70	.00	1.95	11.71
1968	.07	.19	.24	.18	.73	T	3.17	1.14	.74	.13	.25	.35	7.19
1969	.20	.28	.39	.17	.90	2.36	3.19	2.46	1.65	2.80	.02	.36	14.78
1970	.03	T	.71	.10	.33	.55	.30	1.39	2.13	.22	.63	.00	5.79

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.2	5.6	3.9	9.0	.0	1.0	35.6
51-52	.0	T	.0	.5	5.1	1.5	12.8	1.2	7.2	7.3	.0	.0	36.6
52-53	.0	.0	.0	.0	7.1	2.7	T	8.7	8.1	5.2	4.8	.0	
53-54	.0	T	.0		4.7	3.7	1.2	.4	.0	.0	3.3	.0	
54-55	.0	.0	.0	.0	3.2	4.3	1.4	2.0	.8	8.2	T	.0	19.9
55-56	.0	.0	.0	.0	2.0	2.7	12.2	2.0	4.0	7.7		.0	
56-57	.0	.0	.0	T	11.5	3.2	10.6	.0	2.2	10.2	T	.0	37.7
57-58	.0	.0	.0	.0	7.7	1.5	6.0	1.7	7.0	1.0	.0	.0	24.9
58-59	.0	.0	.0	.0	3.7	3.6	.7	7.7	2.5	8.2	.0	.0	26.4
59-60	.0	.0	1.5	12.0	.5	.0	4.6	8.0	2.2	.0	.0	.0	28.8
60-61	.0	.0	.0		.0	9.8	1.1	1.6	11.1	3.2	4.2	.0	
61-62	.0	.0	1.5	15.3	5.4	5.3	3.8	3.5	3.8	.0	.0	.0	38.6
62-63	.0	.0	.0	.0	3.4	6.7	2.3	6.0	5.4	.0	.0	.0	23.8
63-64	.0	.0	.0	.0	5.0	2.1	.2	6.9	3.7	6.3	.0	.0	23.9
64-65	.0	.0	.0	.0	9.6	3.9	3.2	7.9	8.7	4.8	.0	.0	38.1
65-66	.0	.0	.0	12.2	.0	18.5	2.0	6.9	.0	4.2	T	.0	43.8
66-67	.0	.0	.0	T	1.2	5.3	.5	T	2.1	3.7	.0	.0	12.8
67-68	.0	.0	.0	.0	.0	25.2	1.2	3.6	3.5	1.8	.0	.0	35.3
68-69	.0	.0	.0	.0	.0	9.5	3.3	4.6	6.5	.0	3.2	.0	27.1
69-70	.0	.0	.0	19.0	.0	7.9	.0	.0	10.6	.0	1.5	.0	39.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.0	41.9	49.1	57.0	69.9	77.0	85.9	79.4	79.3	62.6	43.9	36.3	69.3
1952	34.1	35.2	43.3	61.5	69.3	81.7	81.5	79.5	75.1	63.3	41.3	32.4	58.9
1953	44.2	41.7	52.1	56.5	63.5	75.9	81.0	73.5	77.2	64.4	50.2	35.4	60.4
1954	41.0	53.2	49.4	67.0	71.5	80.7	82.2	80.4	75.0	60.5	54.8	41.1	63.6
1955	36.8	33.4	51.1	58.0	67.6	75.9	83.0	81.2	76.6	66.5	49.3	42.3	60.6
1956	41.8	37.7	52.5	58.5	73.0	80.4	82.8	78.3	79.3	64.9	45.0	40.7	61.2
1957	37.1	47.9	49.7	54.7	60.9	75.4	79.7	77.5	73.1	58.9	38.2	38.5	57.6
1958	36.5	44.4	45.0	55.7	71.5	80.8M	81.2	82.6	74.5	64.7	50.4	45.5	61.1*
1959	39.3	41.1	49.5	58.7	67.4M	80.3M	81.8	78.6	73.3	60.2	49.3	43.4	60.2*
1960	32.1	32.8	50.0	62.4	68.6	81.3	81.4	82.4	75.0	61.8	51.6	35.2	59.6
1961	35.6	44.5	49.6	57.7	69.4	79.0	81.3	79.9	69.5	62.8	41.7	33.0	58.6
1962	35.7	44.3	45.0	62.6	69.2	76.1	78.8	80.1	73.1	66.5	51.7	43.9	60.6
1963	34.6	44.3	49.7	61.1	72.3	77.5	84.4	78.8	77.5	68.7	51.1	39.3	61.6
1964	36.9	35.7	44.3	56.8	68.6	75.8	83.9	78.4	71.0	67.0	45.0	29.3	57.8
1965	35.0	38.9	43.2	58.8	65.0	74.2	73.8	77.4	63.4	66.1	51.7	38.7	58.1
1966	30.0	33.3	51.8	60.2	72.0	76.8	83.5	79.5	75.0	63.7	52.5	38.7	59.8
1967	39.8	44.6	56.5	59.5	66.3	72.8	80.6	75.9	70.8	65.9	51.4	30.6	53.6
1968	29.5	37.3	49.6	55.1	65.7	79.0	79.8	75.4	71.2	64.3	45.8	36.1	57.4
1969	41.2	41.5	45.8	62.8	71.7	72.3	80.5M	79.1	71.0	52.4	48.7	38.2	53.8*
1970	38.6	49.2	46.5	54.4	70.0	75.5	82.3	81.2	70.0	56.6	49.9	41.6	59.7

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.5	11.1	16.2	26.0	34.4	38.4	48.5	46.5	36.5	26.2	12.0	8.4	26.1
1952	5.0	10.4	14.1	28.4	35.5	43.1	46.9	46.8	38.8	27.5	12.6	3.5	26.1
1953	12.3	10.1	18.7	24.2	30.6	42.2	49.1	44.0	36.7	28.8	19.3	6.6	26.9
1954	7.1	17.8	17.4	27.0	36.5	40.0	50.4	45.2	39.5	31.8	21.3	9.2	28.6
1955	5.9	6.0	14.6	22.5	34.6	40.0	45.7	49.5	37.2	28.1	15.9	11.6	26.0
1956	12.2	7.6	16.7	25.4	36.0	44.1	46.4	43.6	39.5	29.1	14.2	9.5	26.9
1957	10.5	20.2	21.0	24.7	33.9	41.4	49.0	47.6	35.7	31.0	15.8	10.5	28.4
1958	6.5	17.5	17.8	25.1	37.5	43.1M	45.2	47.8	39.4	30.1	17.6	15.2	28.6*
1959	7.8	12.4	16.5	25.5	33.3M	45.1M	45.7	47.1	36.6	28.8	17.3	13.3	27.5*
1960	2.6	7.3	20.4	26.3	33.3	42.0	47.1	44.4	40.4	30.2	17.2	5.4	26.4
1961	1.2	14.6	20.1	24.8	33.7	42.8	47.4	48.3	34.8	27.1	17.1	4.6	26.4
1962	6.9	15.6	14.9	29.7	32.5	40.1	46.7	43.5	38.4	30.3	21.8	14.2	27.9
1963	3.0	13.0	17.1	23.5	34.7	39.6	49.5	43.0	43.1	34.4	18.4	9.3	27.9
1964	4.5	6.7	13.5	24.1	34.9	40.5	49.5	46.2	39.8	28.5	15.0	3.3	25.6
1965	8.4	11.2	15.0	25.5	32.6	39.8	48.7	45.2	36.8	30.4	22.0	10.4	27.3
1966	- .3	2.6	18.2	25.6	35.3	41.5	50.1	45.9	33.8	27.0	18.9	9.2	26.2
1967	7.2	12.6	19.6	27.1	33.7	41.1	49.9	46.0	39.8	29.5	17.7M	3.9	27.0*
1968	- 2.6	11.9	19.2	23.3	32.5	42.2	47.7	42.9	34.5	28.7	16.4	4.9	25.2
1969	10.0	11.8	16.5	27.7	36.9	40.5	49.7M	49.8	40.7	27.4	17.5	10.3	28.2*
1970	8.1	15.4	18.5	29.8	31.8	40.1	48.4	43.6	36.1	26.5	17.3	8.6	26.8

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.3	26.5	32.7	41.5	52.2	57.7	67.7	63.0	57.4	44.4	28.0	22.4	43.2
1952	19.6	24.3	24.6	44.5	52.4	62.4	64.2	63.2	57.0	47.9	27.3	14.5	42.5
1953	23.3	25.9	35.4	40.4	47.1	60.5	65.1	61.6	57.2	46.6	34.5	21.0	43.7
1954	24.1	35.5	33.4	47.0	54.0	60.4	66.3	62.8	57.3	49.2	38.1	25.2	46.1
1955	21.4	22.7	32.9	40.3	51.1	58.0	64.4	65.4	56.9	47.3	32.6	27.0	43.3
1956	27.0	22.7	34.6	42.0	54.5	62.3	64.6	61.0	58.9	47.0	29.6	25.1	44.1
1957	23.8	34.1	35.4	33.7	47.4	58.4	64.4	62.6	54.4	45.0	27.0	24.5	43.1
1958	21.5	31.0	31.4	40.4	54.5	62.0M	63.2	65.2	57.0	47.4	34.0	30.4	44.8*
1959	23.6	26.8	33.0	42.1	50.4M	62.7M	63.9	62.9	55.0	44.5	33.3	28.4	43.9*
1960	17.4	20.1	35.2	44.4	51.0	61.7	64.3	63.4	58.2	46.0	34.4	20.3	43.0
1961	18.4	29.6	34.9	41.3	51.6	60.9	64.4	63.6	52.2	45.0	29.4	18.8	42.5
1962	21.3	30.0	30.0	46.2	50.9	58.1	62.8	61.8	55.8	48.7	36.8	29.1	44.3
1963	18.8	25.7	33.4	42.3	53.5	58.6	67.0	63.9	60.3	51.6	34.8	24.3	44.6
1964	20.7	21.2	28.9	40.5	51.6	58.2	66.8	62.3	55.4	47.8	30.0	16.5	41.7
1965	21.9	25.1	29.6	42.2	48.8	57.0	64.3	61.3	52.6	48.3	36.9	24.6	42.7
1966	14.9	18.0	35.0	42.9	53.7	59.2	66.8	62.7	57.4	45.4	35.7	24.1	43.0
1967	23.5	25.6	38.1	41.3	50.0	57.0	65.3	61.0	55.3	47.7	34.6M	17.2	43.3*
1968	13.5	24.6	34.4	39.2	49.1	60.6	63.3	59.2	53.0	46.5	31.1	20.5	41.3
1969	25.6	26.7	31.2	45.3	54.3	56.4	65.1M	64.5	55.9	39.9	33.1	24.3	43.5*
1970	23.4	32.3	32.5	37.8	50.9	57.8	65.4	65.4	53.1	41.6	33.6	25.2	43.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

SALIDA

05 7370 :

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

YEAR	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	EXTREMES											MEAN NO OF DAYS				SIGN. SLEET				MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	44.2	13.8	29.0	65.	1969	7	-24.	1963	12	0.0	2.8	29.4	3.5	.23	.41	1951	30	3.2	9.	1951	31	.8	0.0	0.0
FEB	46.8	14.8	30.8	67.	1963	5	-33.	1951	1	0.0	2.0	26.6	2.8	.48	1.12	1955	3	6.5	17.	1955	3	1.4	.2	.1
MAR	51.8	15.8	35.9	74.	1966	31	-19.	1965	3	0.0	.9	29.0	1.1	.74	1.34	1953	30	9.2	18.	1961	28	2.1	.2	0.0
APR	61.2	28.0	44.6	81.	1959	30	-7.	1957	8	0.0	0.0	22.5	0.0	.94	1.27	1957	2	7.5	12.	1957	2	2.4	.4	.1
MAY	71.5	35.8	53.2	85.	1969	27	15.	1953	2	0.0	0.0	8.3	0.0	1.28	1.44	1954	1	2.2	6.	1966	12	3.1	.6	.2
JUN	79.1	42.7	60.9	95.	1954	23	24.	1954	8	.3	0.0	.9	0.0	.70	.80	1967	17	0.0	0.	0	0	2.6	.3	0.0
JUL	83.7	48.0	65.9	94.	1954	11	36.	1955	8	1.3	0.0	0.0	0.0	1.73	1.44	1963	7	0.0	0.	0	0	4.7	.6	.1
AUG	81.1	46.4	63.7	91.	1965	13	31.	1968	24	.3	0.0	.1	0.0	1.61	1.56	1955	19	0.0	0.	0	0	5.2	.6	.1
SEP	75.2	38.0	56.6	89.	1960	4	20.	1970	26	0.0	0.0	5.8	0.0	.78	1.10	1965	19	1.2	7.	1961	3	2.5	.4	.2
OCT	65.8	28.5	47.2	81.	1965	10	5.	1969	31	0.0	.1	23.0	0.0	1.24	1.75	1961	29	7.8	42.	1961	30	2.1	.8	.4
NOV	52.5	19.7	36.2	70.	1954	6	-18.	1952	27	0.0	1.2	26.9	.8	.64	.69	1953	19	7.5	28.	1964	19	1.8	.3	0.0
DEC	44.2	13.7	28.9	63.	1965	5	-20.	1954	28	0.0	3.4	29.5	3.4	.65	.73	1967	14	7.5	31.	1967	16	1.9	.3	0.0
ANNUAL	63.7	29.2	46.2							2.	10.	202.	12.	11.0				53.				30.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.12	.12	.06	.38	.29	.08	0.00	0.00	0.00	6.21
.10	0.00	.03	.19	.19	.23	.11	.54	.40	.14	0.00	.04	.11	7.08
.20	.01	.09	.32	.33	.43	.20	.80	.65	.25	.16	.12	.22	8.24
.30	.04	.16	.43	.46	.60	.30	1.03	.87	.35	.34	.21	.32	9.15
.40	.08	.24	.54	.60	.80	.41	1.25	1.10	.47	.55	.31	.42	9.98
.50	.12	.33	.65	.75	1.01	.53	1.50	1.35	.60	.80	.43	.53	10.81
.60	.15	.44	.77	.93	1.26	.67	1.77	1.63	.76	1.11	.58	.66	11.67
.70	.27	.58	.92	1.15	1.56	.85	2.10	1.97	.95	1.51	.78	.81	12.65
.80	.39	.78	1.11	1.44	1.94	1.10	2.53	2.42	1.22	2.08	1.06	1.01	13.86
.90	.62	1.12	1.41	1.93	2.67	1.51	3.22	3.16	1.66	3.05	1.53	1.33	15.66
.95	.85	1.45	1.69	2.40	3.35	1.91	3.86	3.86	2.09	4.02	2.00	1.64	17.26
ALPHA	.71	1.05	2.55	1.58	1.49	1.29	2.42	1.95	1.39	.98	.99	1.83	10.78
BETA	.37	.48	.30	.59	.86	.54	.71	.83	.56	1.41	.68	.37	1.03
Q	.10	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00	.10	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.86	.48	1.45	.80	1.16	.56	.34	1.48	.11	.93	.49	.41	9.11
1952	.09	.03	.62	1.7A	.97	.15	2.47	1.10	.80	.00	.90	.33	9.24
1953	.02	.53	1.50	.69	1.92	.09	3.55	.50	.21	3.00	1.33	.75	14.09
1954	.08	.15	.26	.26	2.24	.17	1.88	1.01	.78	.40	.67	.65	8.55
1955	.08	2.22	.58	.61	1.50	.28	.43	5.95	.47	.07	.21	.27	12.67
1956	.79	.46	.68	2.07	.95	.63	.78	.97	.09	.56	1.31	.25	9.57
1957	.92	.06	.54	3.13	3.77	.60	1.98	1.51	.10	1.11	2.85	T	16.57
1958	.46	.05	.52	1.14	.56	.54	.99	1.31	.23	.74	.29	.28	7.11
1959	.30	.62	.55	1.08	.90	.81	.67	.86	1.83	4.33	.11	.09	12.35
1960	.43	.32	.33	.79	1.29	.70	1.77	.39	.58	1.68	.39	1.48	10.35
1961	.10	.52	1.64	.64	1.96	.84	2.69	2.40	1.49	4.02	.90	.72	17.92
1962	.27	.07	.13	.58	.04	.49	.24	.41	.60	1.12	.45	.50	4.91
1963	.14	.29	.71	.03	.26	.12	1.98	2.39	1.48	.31	.23	.47	8.91
1964	.01	.61	1.03	.55	.90	.34	1.82	2.39	1.41	.90	1.68	.16	10.94
1965	.06	1.39	.93	1.23	.63	1.83	1.65	3.02	2.25	.95	.03	.74	14.71
1966	T	.92	T	.44	.99	2.38	1.03	1.16	.30	.16	.02	.52	7.92
1967	.02	.10	.25	.43	1.91	1.65	1.74	2.08	1.16	.40	.52	2.55	12.71
1968	T	.48	.55	1.79	.58	.05	3.20	.90	.31	.21	.31	.73	9.08
1969	.03	.24	.59	.20	2.95	.98	3.82	.21	.73	4.00	T	1.37E	15.12*
1970	.01	T	1.91	.52	.13		1.29	2.20		.14	.16		

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.8	4.0	15.1	.4	.0	.0	
51-52	.0	.0	.0	2.0	4.1	3.5	.3	.4	7.0	2.0	.0	.0	19.3
52-53	.0	.0	.0	.0	13.9	6.2	.3	3.4	10.4		6.0	.0	
53-54	.0	.0	.0	14.5	13.5	11.0	1.3	1.9	2.9	T	10.5	.0	55.6
54-55	.0	T	.0	T	4.5	6.7	1.5	26.4	4.3	6.8	.0	.0	50.2
55-56	.0	T	.0	T	3.0	4.3	7.8	7.0	10.8	13.5	3.0	.0	49.4
56-57	.0	.0	.0		17.0	4.3	8.5	T		30.3	11.0	.0	
57-58	.0	.0	.0	.0	29.0	T	9.0	T	4.5	13.0	.0	.3	55.5
58-59	.0	.0	.0	1.0	4.5	3.0	4.5	10.0	4.0	13.0	.0	.0	40.0
59-60	.0	.0	9.5	37.0	2.0	1.0	5.5	3.0	3.0	7.5	.0	.3	68.5
60-61	.0	.0	.0	5.2	4.0	17.7	1.8	7.6	26.0	6.3	6.0	.0	74.6
61-62	.0	.0	15.2	49.0	11.2	7.9	2.9	2.3	1.3	2.6	.0	.0	92.4
62-63	.0	.0	.0	T	2.3	5.5	3.0	2.8	6.5	.0	.0	.0	20.1
63-64	.0	.0	.0	4.0	2.0	7.5	T	12.7	12.0	8.0	.0	.3	46.2
64-65	.0	.0	.0	.0	27.7	.0		16.6	12.2	2.5	.0	.3	
65-66	.0	.0	T	.0	.5	7.4	T	13.0	T	4.0	6.0	.3	30.9
66-67	.0	.0	.0	.4	.0	3.5	.4	1.4	2.0	5.0	2.0	.3	14.7
67-68	.0	.0	.0	T	7.3	33.8	T	8.0	6.5	20.5	T	.0	76.1
68-69	.0	.0	.0	T	2.1	12.0	.3	3.0	10.5	1.0	.0	.3	28.9
69-70	.0	.0	.0	30.0	T		.3	T	36.1	5.3	T	.0	

SALIDA

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.3	48.2	52.2	59.8	69.7	76.6M	87.1	81.0	78.8	67.5	50.8	41.9	62.7*
1952	45.5	44.9	49.7	66.0	69.6	82.9	82.5	81.6	77.1	71.0	45.2	33.2	63.3
1953	43.5	44.5	55.6	57.2	64.8	81.4	84.9	81.5	78.3	64.8	53.9	41.7	63.1
1954	47.8	56.5	51.4	67.4	71.5	81.4	85.3	81.9	76.3	69.0	58.1	45.8	66.0
1955	41.2	39.4	51.0	60.8	67.5	76.4	84.4	82.5	76.9	68.2	52.5	47.6	62.4
1956	48.0	41.2	54.1	60.1	74.1	82.5	83.0	83.0	80.2	67.7	48.2	45.7	63.8
1957	41.7	53.1	53.3	56.2	65.1	77.5	81.7	80.9	74.4	62.2	43.5	46.7	61.4
1958	43.1	50.3	48.0	57.4	74.0	81.9	83.7	84.1	76.6	66.4	56.1	50.9	64.5
1959	46.1	44.3	52.2	63.8	69.7	81.6	83.8	81.2	73.0	61.8	54.5	49.0	63.2
1960	42.1	39.7	54.9	64.9	70.6	80.1	83.3	83.4	76.7	62.4	55.7	40.3	62.8
1961	44.3	49.4	52.4	60.2	71.4	80.6	82.9	81.2	71.6	64.6	46.1	39.4	62.0
1962	42.0	48.7	50.3	65.9	72.1	78.4	82.2	82.3	75.2	69.1	56.7	49.3	64.4
1963	40.0	50.5	53.1	64.2	74.5	80.1	86.1	80.1	78.1	72.3	57.1	45.4	65.1
1964	41.9	41.4	46.9	59.4	71.0	78.5	85.3	78.7	74.0	70.6	49.7	41.1	61.6
1965	45.6	44.5	45.7	60.8	68.5	75.2	82.5	80.5M	70.5M	70.0M	56.8M	46.3M	62.2*
1966	44.2M	41.6	57.0	62.9	73.4	78.4	84.8	80.9	76.4	66.4	57.2	43.3	63.9*
1967	44.8	46.9M	59.1	61.8	69.2	74.5	82.9	78.6	73.5	69.1M	55.8	38.3	62.9*
1968	42.2	46.3	52.8	55.6	66.9	81.0	82.3	77.1	73.1	66.0	50.1	43.1	61.5
1969	48.5	47.0	47.7	65.6	72.9	73.2	84.9	83.6	73.9	52.6	53.0		
1970	43.5	53.6	49.6	56.6	73.1		80.3	78.2	68.7M	55.2	49.3		

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	15.0	19.0	21.3	29.5	36.8	39.9M	48.6	47.0	36.5	29.0	17.2	19.4	29.9*
1952	16.6	10.0	15.4	26.0	33.9	43.9	45.1	45.3	34.8	23.4	12.4	6.9	26.1
1953	18.7	9.9	20.7	25.4	32.9	41.4	45.7	42.7	35.0	26.3	20.4	11.8	27.6
1954	18.6	20.9	20.6	30.1	37.1	41.9	49.1	43.4	38.8	33.1	20.7	11.1	30.5
1955	11.2	5.5	21.7	27.9	35.1	40.9	47.8	50.4	39.2	28.3	22.6	21.9	29.4
1956	17.8	12.3	19.2	25.8	38.7	44.7	46.6	44.6	36.9	29.5	13.8	12.5	28.5
1957	16.3	22.6	23.0	27.3	36.9	42.4	48.1	48.1	34.5	32.1	15.7	15.8	30.2
1958	7.2	17.9	16.3	26.6	37.8	44.8	46.9	47.1	39.1	29.1	23.1	19.2	29.6
1959	15.3	17.1	22.5	28.1	38.9	45.0	47.1	49.0	37.5	26.6	19.8	15.0	30.3
1960	12.7	12.5	22.5	29.8	34.5	43.3	46.5	45.4	41.5	31.4	24.7	11.4	29.7
1961	8.2	17.8	24.2	28.0	37.0	42.9	45.9	45.5	38.2	27.6	16.6	12.8	29.0
1962	9.5	22.0	17.4	31.0	34.3	40.8	47.2	42.8	39.5	30.2	22.4	14.5	29.3
1963	9.6	18.6	20.2	30.1	37.6	42.1	49.6	49.0	41.7	32.7	21.4	9.0	30.1
1964	11.1	8.6	17.1	24.5	35.3	43.2	43.5	45.5	40.6	27.5	19.8	16.5	28.6
1965	19.4	12.4	14.4	32.2	34.6	43.2	50.0	46.4M	35.6M	26.5M	24.5M	14.5M	29.4*
1966	8.6M	6.5M	19.8	27.2M	34.7M	40.8M	50.1M	45.5	37.5	25.1	21.9	12.1	27.5*
1967	15.4M	14.9M	25.4M	29.2	34.9	43.8	49.7	44.4	38.5	31.1M	19.9M	8.3	29.7*
1968	11.2M	15.1	19.3	23.9	33.9	41.6	46.4	45.3	34.9	27.1	13.4	12.6	27.1*
1969	19.6	15.5	15.4	29.1	37.2	42.8	50.5	48.8	38.4	25.1	16.9		
1970	13.9	17.6	19.9	25.3	34.7		49.5	49.8	39.4M	28.6	27.5		

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.7	33.6	36.8	44.7	53.3	58.3 ^M	67.9	64.0	57.7	46.3	34.0	30.7	46.3*
1952	31.1	29.5	32.6	46.5	51.8	63.4	63.8	63.5	56.0	47.2	28.8	23.1	44.8
1953	33.6	27.2	31.2	41.3	48.9	61.4	65.3	62.1	56.7	45.6	37.2	26.8	45.4
1954	33.2	38.7	36.0	48.8	54.3	61.7	67.2	62.7	57.6	51.1	39.4	28.5	48.3
1955	26.2	22.5	36.4	44.4	51.3	58.7	66.1	66.5	59.1	48.3	37.6	34.2	45.9
1956	32.9	26.8	36.7	43.5	56.4	63.6	65.1	62.3	58.6	48.1	31.0	29.1	46.2
1957	29.0	37.9	38.2	41.8	51.0	63.0	64.9	64.5	54.5	47.2	29.6	31.3	45.8
1958	25.2	34.1	32.2	42.0	55.9	63.4	65.3	65.6	57.9	48.0	39.6	35.1	47.1
1959	30.7	30.7	37.4	44.5	54.3	63.8	65.5	65.1	55.3	44.2	37.2	32.0	46.7
1960	27.4	26.1	38.7	47.4	52.6	61.7	64.9	64.4	59.1	46.9	40.2	25.9	46.3
1961	26.3	33.6	38.3	44.1	54.2	61.8	64.4	64.9	54.9	46.1	31.4	26.1	45.5
1962	25.8	35.4	33.9	48.5	53.2	59.6	64.7	62.6	57.4	49.7	39.6	32.0	46.9
1963	24.8	34.6	36.7	47.2	56.1	61.1	67.9	64.6	59.9	52.5	39.3	27.2	47.7
1964	26.5	25.0	32.0	44.5	53.2	60.9	67.4	62.1	57.3	49.1	34.8	28.3	45.1
1965	32.5	28.5	30.1	45.5	51.6	59.2	66.3	63.5 ^M	53.6 ^M	48.3 ^M	40.7 ^M	30.6 ^M	45.9*
1966	26.4 ^M	24.1 ^M	38.4	45.1 ^M	54.1 ^M	59.6 ^M	67.5 ^M	63.2	57.0	45.8	39.6	27.7	45.7*
1967	30.1 ^M	30.9 ^M	42.3 ^M	45.5	52.1	59.2	66.3	61.5	56.2	50.1 ^M	37.9 ^M	23.3	46.3*
1968	26.7 ^M	30.7	36.1	39.8	50.4	61.3	64.4	61.2	54.0	47.6	31.8	27.9	44.3*
1969	34.1	31.3	31.6	47.4	55.1	58.0	67.7	66.2	56.2	38.9	35.0		
1970	28.7	35.6	34.8	41.0	53.9		64.9	64.0	54.1 ^M	41.9	36.4		

SEARCH

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
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- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

SHOSHONE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)													
	YEARS		EXTREMES				MEAN NO. OF DAYS						SNOW, SLEET				MEAN NO. OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.			MIN.			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN															2.02	1.04	1962	8	21.5	37.	1957	27	6.3	.9	.1	
FEB															1.66	1.14	1963	1	15.6	36.	1952	4	5.6	.8	.1	
MAR															1.54	1.20	1953	30	7.5	35.	1952	2	5.1	.4	0.0	
APR															2.06	1.39	1959	27	.5	16.	1952	1	5.7	1.1	.1	
MAY															1.54	1.08	1966	11	0.0	0.	0	0	5.0	.8	.1	
JUN															1.23	2.05	1969	24	0.0	0.	0	0	3.2	.5	.1	
JUL															1.13	1.04	1956	2	0.0	0.	0	0	3.4	.2	.1	
AUG															1.77	1.08	1955	8	0.0	0.	0	0	5.6	.5	.1	
SEP															1.70	1.16	1961	3	0.0	0.	0	0	4.6	1.3	.1	
OCT															1.76	2.13	1970	7	.3	0.	0	0	4.5	1.3	.1	
NOV															1.74	1.60	1965	25	7.7	14.	1956	5	5.4	.9	.1	
DEC															2.04	2.45	1951	30	18.7	31.	1951	31	5.7	.9	.1	
ANNUAL															20.2				72.				60.	10.	1.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.45	.49	.29	.68	.33	.28	.22	.83	.07	0.00	.65	.54	14.48
.10	.64	.65	.42	.88	.48	.39	.33	.98	.15	.40	.81	.73	15.59
.20	.93	.89	.65	1.16	.70	.57	.49	1.19	.34	.72	1.04	1.02	17.01
.30	1.20	1.09	.86	1.41	.91	.73	.64	1.37	.56	.98	1.24	1.28	18.08
.40	1.47	1.30	1.07	1.64	1.11	.90	.80	1.52	.82	1.24	1.43	1.54	19.03
.50	1.75	1.50	1.30	1.88	1.33	1.07	.96	1.65	1.11	1.52	1.62	1.81	20.90
.60	2.07	1.73	1.56	2.14	1.58	1.26	1.15	1.85	1.33	1.82	1.82	2.11	20.90
.70	2.36	1.99	1.87	2.45	1.87	1.49	1.38	2.03	1.59	2.03	2.06	2.42	21.95
.80	2.77	2.34	2.29	2.85	2.27	1.88	1.68	2.29	1.91	2.37	2.37	2.82	23.23
.90	3.27	2.88	2.97	3.45	2.88	2.27	2.16	2.66	2.31	3.07	2.84	3.64	25.07
.95	4.53	3.38	3.61	4.03	3.45	2.73	2.62	3.99	3.07	4.15	3.27	4.32	26.66
ALPHA	2.42	3.33	2.07	3.84	2.38	2.47	2.18	7.02	.91	2.29	4.53	2.89	29.44
BETA	.84	.50	.74	.54	.65	.50	.52	.25	1.86	.81	.38	.71	.69
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.08	1.68	.59	3.07	.81	1.48	.83	2.04	.84	2.15	1.97	7.11	24.70
1952	3.02	1.21	3.11	.52	1.33	1.03	1.94	2.32	.72	.00	1.70	1.73	16.63
1953	2.67	.96	2.42	2.36	1.90	1.14	1.85	2.03	.01	1.71	1.18	.59	18.23
1954	1.32	.47	1.62	1.79	1.06	.59	1.35	1.52	3.31	1.90	1.83	1.43	19.19
1955	1.62	1.73	.90	1.23	2.18	.84	1.38	2.49	.08	1.54	2.53	2.11	19.63
1956	3.22	2.68	.40	3.05	.51	.44	2.28	.75	.16	1.47	1.41	2.04	18.41
1957	4.66	1.75	2.26	4.03	4.03	2.52	.82	1.76	.30	2.54	2.43	2.32	29.42
1958	.75	1.92	2.33	1.34	.39	.18	.81	.54	1.90	.68	1.66	2.00	14.50
1959	1.52	3.37	.62	2.77	1.53	1.34	.56	2.07	3.08	3.09	.52	.79	21.26
1960	1.45	2.11	2.99	1.19	1.47	1.02	.07	1.22	1.29	1.25	1.72	1.15	16.93
1961	.25	1.34	2.60	2.39	2.14	.39	.21	1.40	6.39	1.56	1.74	1.67	21.78
1962	3.74	4.15	.98	2.13	1.70	1.14	1.05	1.24	1.11	1.79	.52	.73	20.25
1963	2.35	1.81	1.91	1.75	.24	1.59	.74	1.77	1.53	1.83	1.59	.57	17.69
1964	1.29	.66	1.71	3.19	1.47	1.43	.88	2.33	.99	.13	1.61	3.67	19.36
1965	2.15	.82	2.33	1.48	2.39	.90	2.69	1.78	3.96	.52	4.49	1.84	25.35
1966	.75	.77	.22	1.14	1.91	.56	.48	1.69	.47	2.04	1.64	2.20	13.87
1967	2.01	1.32	1.11	.83	2.15	2.06	1.10	1.99	2.08	.50	.86	3.11	19.22
1968	.38	2.78	.63	2.53	2.26	.54	.65	2.35	.69	1.55	1.33	1.62	18.01
1969	4.30	.95	.22	.74	1.07	3.73	.94	2.41	2.26	4.16	1.36	2.21	24.35
1970	1.57	.73	1.80	3.60	.24	1.64	1.95	1.01	3.14	4.52	2.79	1.89	24.88

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51					15.0	46.0	23.0	15.0	4.0	3.0		T	
51-52	.0	.0	.0	.0	6.0	28.7	23.5	17.7	37.0	.0	T	.0	139.2
52-53	.0	.0	.0	.0		10.5	26.5	4.0	12.0	T	T	.0	77.2
53-54	.0	.0	.0	T		12.0	14.5	.0		.0	.0	.0	
54-55	.0	.0	.0	T	13.0	22.0	22.0	35.1	T	3.0	.0	.0	85.1
55-56	.0	.0	.0	5.0	18.0	23.0	26.0	48.0	3.0		.0	.0	
56-57	.0	.0	.0	.5	21.0	24.5	73.0	9.0			.0	.0	
57-58	.0	.0	.0	.0	14.0	17.0		10.0	4.0	1.0	.0	.0	
58-59	.0	.0	.0	.0					.0	.0	.0	.0	
59-60	.0	.0	.0	.0	1.0	6.5	10.7			T	.0	.0	
60-61	.0	.0	.0	.0		18.0	2.5				.0	.0	
61-62	.0	.0	.0	.0	4.0	16.0	25.5	18.0	6.0	.0	.0	.0	69.5
62-63	.0	.0	.0	.0	.0		16.0	T		T	.0	.0	
63-64	.0	.0	.0	.0	T	7.5					.0	.0	
64-65	.0	.0	.0	.0			10.7				T	.0	
65-66	.0	.0	T	.0							.0	.0	
66-67	.0	.0	.0	.0						T	.0	.0	
67-68	.0	.0	.0	.0	.0		8.0	8.0	T	T	.0	.0	
68-69	.0	.0	.0	T	8.0					.0	.0	.0	
69-70	.0	.0	.0			14.0	12.9				.0	.0	

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ALPHA
BETA
G

MIKE

CLIMATOLOGY REPORT NO. 77-1

SILVERTON 2NE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	54.5	-3	17.1	64	1953	10	-37	1963	12	0.0	11.9	31.0	17.7	1.53	1.00	1952	13	25.1	68	1952	18	5.2	.5	0.0
FEB	56.5	.6	18.6	54	1963	8	-34	1951	1	0.0	8.2	28.2	14.7	1.42	1.25	1968	22	22.5	69	1952	2	5.5	.5	.1
MAR	59.4	6.6	23.0	59	1966	31	-25	1962	14	0.0	5.9	31.0	9.5	1.66	.81	1965	24	22.0	68	1952	12	6.1	.4	0.0
APR	47.4	18.4	32.9	69	1959	23	-10	1958	22	0.0	1.2	29.2	.8	1.49	1.04	1958	8	14.8	63	1958	9	5.9	.5	.1
MAY	58.6	27.2	43.0	75	1970	25	9	1953	2	0.0	.1	26.8	0.0	1.33	1.10	1962	27	2.9	12	1958	1	4.5	.4	.1
JUN	68.4	32.3	50.4	84	1954	22	16	1954	7	0.0	0.0	17.3	0.0	1.20	.75	1969	11	0.0	0	0	0	4.9	.4	0.0
JUL	73.7	38.5	56.1	85	1964	5	26	1968	1	0.0	0.0	2.9	0.0	2.79	.99	1952	6	0.0	0	0	0	9.8	1.2	0.0
AUG	71.1	37.7	54.4	83	1960	22	25	1964	28	0.0	0.0	4.8	0.0	3.04	1.30	1958	5	0.0	0	0	0	10.2	1.6	.1
SEP	66.1	30.8	48.4	80	1960	6	17	1965	22	0.0	0.0	19.4	0.0	2.47	2.05	1970	6	.8	16	1959	30	6.9	1.4	.4
OCT	56.9	23.0	39.9	78	1960	8	-2	1969	5	0.0	.1	28.7	.1	2.07	2.00	1961	9	7.2	19	1959	1	5.8	1.4	.3
NOV	44.0	10.9	27.5	65	1962	3	-23	1952	27	0.0	2.5	29.9	5.8	1.47	1.01	1966	8	21.2	27	1957	6	4.8	.4	.1
DEC	35.7	1.9	18.8	58	1958	21	-30	1961	12	0.0	10.4	30.9	15.2	1.89	1.60	1951	30	23.9	58	1951	31	5.5	.9	.2
ANNUAL	52.5	18.8	35.6							0.	40.	280.	64.	22.4				140.				75.	10.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.41	.30	.54	.53	.37	.23	1.33	1.50	.32	0.00	.37	.33	15.77
.10	.55	.44	.70	.67	.49	.34	1.57	1.76	.52	0.00	.51	.44	17.06
.20	.77	.64	.93	.88	.68	.51	1.90	2.11	.87	.69	.72	.77	18.71
.30	.97	.83	1.13	1.05	.85	.67	2.17	2.39	1.22	1.06	.91	1.03	19.97
.40	1.16	1.02	1.32	1.21	1.01	.84	2.44	2.65	1.41	1.22	1.10	1.24	21.04
.50	1.36	1.22	1.52	1.38	1.18	1.02	2.71	2.91	1.58	1.37	1.24	1.54	22.16
.60	1.58	1.45	1.73	1.56	1.37	1.22	2.93	3.19	1.77	1.55	1.30	1.74	23.28
.70	1.85	1.72	1.99	1.77	1.60	1.46	3.23	3.50	2.02	1.76	1.50	1.90	24.51
.80	2.19	2.08	2.31	2.05	1.89	1.79	3.61	3.89	2.35	2.05	1.78	2.18	25.81
.90	2.73	2.65	2.82	2.46	2.35	2.31	4.18	4.48	2.82	2.42	2.12	2.58	27.19
.95	3.24	3.19	3.28	2.85	2.78	2.80	4.69	5.01	3.29	2.82	2.50	3.08	28.68
ALPHA	2.92	2.36	3.73	4.26	3.04	2.11	7.20	7.88	1.61	2.20	2.76	1.97	26.40
BETA	.52	.60	.45	.35	.44	.57	.39	.39	1.54	1.05	.53	.96	.85
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.11	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.24	1.07	.86	1.13	1.08	.11	1.33	3.21	1.25	1.40	2.16	5.26	20.10
1952	3.77	1.18	2.13	2.09	1.61	.87	3.71	3.35	2.48	.00	2.02	1.18	24.39
1953	1.03	.41	2.07	1.78	1.55	.97	3.31	1.55	.38	3.39	1.22	.49	14.15
1954	.58	.71	1.33	.47	1.41	1.25	3.92	2.43	3.52	2.25	.81	.94	19.72
1955	1.10	1.41	.48	1.48	2.03	.89	2.430	2.96	1.31	.13	1.33	2.40	18.60*
1956	2.62	.66	.77	.70	1.10	.85	2.410	1.28	.18	1.61	.62	.94	13.74*
1957	2.58	.74	1.61	2.03	2.47	.65	4.17	5.81	.31	3.92	3.21	1.61	29.54
1958	1.20	2.81	1.95	2.37	.29	1.18	1.36	2.89					.50
1959	.87	1.55	1.46	1.99	1.40	.90	2.50	3.21	2.80	3.01	.11	1.95	21.75
1960	1.53	2.29	2.61	1.51	.85	1.03	1.68	1.89	2.74	2.57	1.62	1.28	21.60
1961	.23	1.08	3.71	1.71	1.26	.86	1.52	3.09	3.81	4.83	1.59	.89	24.58
1962	1.87	3.04	1.10	1.06	1.75	.56	1.46	1.53	3.20	3.31	1.06	.56	20.50
1963	1.11	2.03	2.58	.81	.63	1.23	2.65	4.29	2.07	1.48	.90	.69	20.57
1964	.91	.52	2.33	1.68	1.41	.65	2.88	3.34	2.73	.00	3.18	3.62	23.45
1965	1.49	1.07	2.32	2.95	1.79	1.23	3.74	3.80	5.23	1.61	1.85	3.58	30.66
1966	.78	.82	.65	1.47	2.10	1.61	2.78	2.30	1.91	1.09	1.10	3.90	20.51
1967	1.64	.75	.64	.62	.82	2.14	1.96	3.42	1.33	.67	.61	4.32	18.92
1968	1.87	3.24	.99	2.07	1.64	.17	4.05	3.55	.80	1.39	1.23	1.59	22.58
1969	3.43	2.66	1.26	.43	1.25	4.43	4.11	2.52	3.34	4.72	1.31	.61	30.07
1970	.76	.22	2.39	1.53	.10	2.15	3.81	4.34	7.45	1.97	2.02	1.41	28.15

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							28.0	19.0	18.0	17.3	1.0	T	
51-52	.0	T	.0	9.0	49.0	67.0	65.0	28.9	47.5	27.0	6.5	T	299.9
52-53	.0	.0	.0	.0	27.5	28.6	23.5	10.0	43.5	33.0	7.5	.0	173.6
53-54	.0	.0	.0	25.0	28.5	11.0	15.5	16.0	33.0	.0	7.0	T	136.0
54-55	.0	.0	.0	1.0	14.5	13.5	27.5	42.5	12.5	25.5	4.5	.0	141.5
55-56		.0	.0	3.0	33.5	59.5	57.5	14.0	13.0	6.0	2.0	.0	
56-57	.0	.0	.0	13.0	14.0	25.0	81.5	19.0	30.5	46.0	19.0	.0	248.0
57-58	.0	.0	T	30.0	55.0	33.0	25.5	61.0	41.0	36.0	3.0	.0	284.5
58-59	.0	.0	.0			1.8	6.0	12.5	10.0	2.0	2.0	.0	
59-60	.0	.0	16.0		8.0		18.0	23.0	20.0	6.0	T	.0	
60-61	.0	.0	.0	2.0		16.0	2.0	15.0	29.0	13.5	T	.0	
61-62	.0	.0	T		14.0	8.0	21.0	31.0	6.0	4.0	T	T	
62-63	.0	.0	.0	T	6.0	9.0	16.0	20.0	19.0	3.0	.0	.0	73.0
63-64	.0	.0	.0	T	8.0	13.0	15.0					.0	
64-65	.0	.0	T	.0	30.0	30.0	12.0	11.0	17.0	25.0	T	.0	125.0
65-66	.0	.0	.0	6.0	14.0		7.0	7.0	5.0	8.0	2.0	.0	
66-67	.0	.0	.0	.0	16.0	22.0	16.0			1.5	T	.0	
67-68	.0	.0	.0	1.0	9.0	45.0	25.0	35.0	9.0	14.0	T	T	139.0
68-69	.0	.0	T		11.0	17.0	31.0	36.0	11.0	T	.0	T	
69-70	.0	.0	.0	19.5	17.0	10.0	9.0	4.0	31.0	12.5	T	T	103.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	32.0	36.6	36.9	45.3	56.1	65.5	75.0	68.8M	67.8M	52.5	38.4	30.3	50.4*
1952	30.0	32.7	31.5	46.2	55.7M	68.6	71.7	69.7	65.3	62.5	39.2	31.8	50.4*
1953	38.3	35.0	41.2	43.3	53.0M	69.6	73.4	69.8	67.5	56.2	44.3	32.9	52.0*
1954	36.7	42.9	37.0	53.5	60.5	69.0	71.4	70.1	62.8	57.5	48.0	36.2	53.8
1955	30.6	31.5	38.7	44.7	55.4	65.2		72.2	67.8	59.0	40.9		35.7M
1956	36.2	31.6	41.7	47.6	60.9	72.0		68.8	72.5	55.9	41.3		36.5
1957	30.2	42.1	38.9	42.9	50.2	66.6	71.1	68.7	66.0	50.9	36.9		50.1
1958	35.2	37.5	36.1	43.2	60.1M	72.4M	73.9	74.8					41.7
1959	37.7	35.0	41.7	51.5	59.3	72.8	77.3	69.4	66.5	54.0	45.9		54.4
1960	31.3	30.3	43.4	49.9	61.2	70.7	76.7	76.3	71.4	55.8	46.5		54.1
1961	38.8	39.3	42.0	46.5	60.6	74.2	74.3	73.0	60.8	55.9	40.1		53.2
1962	33.7	36.9	38.0	52.9	57.1	67.6	71.9	71.3	64.5	62.5	50.2		54.0
1963	34.4	41.8	40.5	49.5	63.2	68.1	76.3	72.0	69.7	62.4	47.5		55.3
1964	33.0	31.9	35.5	45.9	60.0	67.8	76.0	70.1	66.4	62.1	43.1		52.1
1965	35.9	38.3	37.3	47.3	55.3	65.3	72.3	70.5	59.5	62.8M	50.5		52.7*
1966	33.2	32.6	45.3	51.3	63.3	69.0	74.8	73.6	67.0	56.9	47.0		54.0
1967	35.5	38.0	44.6	48.1	58.0	63.5	73.9	70.4	67.0	60.6	50.3		53.7
1968	36.0	41.0	42.7	43.8	55.9	71.3	71.2	66.8	65.6	57.7	41.2		52.3
1969	35.7	34.6	37.2	51.4	63.3	63.7	72.9	74.0	64.9	47.2	42.1		52.0
1970	34.8	41.1	38.1	42.8	63.2	66.0	72.2	72.0	62.2	48.2	42.1		51.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.2	4.7	7.9	18.9	27.3	28.0	38.2	37.9M	27.8M	23.3	7.1	2.4	18.7*
1952	.8	- 3.4	2.9	18.5	28.1M	33.2	37.2	39.5	30.7	20.8	8.3	1.1	18.1*
1953	5.8	.6	11.2	17.9	25.3	37.4M	*1.9M	36.8	28.0	20.8	12.4	1.4	20.0*
1954	4.2	5.6	8.9	22.0	28.5	31.9	*1.7	35.8	33.9	26.7	15.7	.2	21.3
1955	- 3.5	- 5.2	7.0	14.7	27.0	30.0		40.2	29.7	21.6	9.9		6.4M
1956	7.1	- 2.9	6.2	18.4	28.2	32.7		33.3	28.2	20.1	4.7	- .6	
1957	4.5	9.4	10.3	17.9	25.9	31.8	39.7	40.2	27.5	25.3	5.0	.4	19.8
1958	- 4.3	4.0	2.3	13.9	27.0M	33.2M	35.3	37.8					8.3
1959	2.5	.8	7.5	20.0	28.7	34.9	37.4	39.8	30.3	21.5	10.7		19.8
1960	- 4.7	- 2.5	9.9	18.8	25.2	32.3	35.6	35.0	32.0	23.6	12.2	- .3	18.1
1961	- 2.8	3.8	11.7	15.9	27.0	31.3	35.2	39.1	30.0	20.8	2.5	- 2.0	17.7
1962	- 3.8	7.1	- 1.6	24.0	26.8	31.1	35.3	34.5	31.9	23.7	14.5		19.0
1963	- 1.6	2.2	3.4	21.0	28.7	31.6	38.8	39.1	34.5	25.9	13.0		19.8
1964	- 2.5	- 4.3	3.0	17.4	26.3	31.7	38.7	37.1	31.3	21.8	11.1	- 1.5M	17.5*
1965	3.7	- 4.5	4.9	22.1	27.7	31.4	39.0	36.0	31.2	22.9M	17.4		19.6*
1966	- 9.8	- 7.8	8.0	18.9	27.6	33.2	40.8	36.7	31.2	23.7	14.3		18.2
1967	- 2.4M	- 1.8	13.5	19.4	26.5	32.3	40.9	37.4	33.0	22.7	13.4		19.7*
1968	- 2.9	2.1	8.6	16.3	27.5	32.1	38.8	37.7	28.1	24.3	11.3	- 1.5	18.9
1969	3.8	- 3.0	.6	20.6	28.6	32.3	40.9	40.5	34.6	20.9	9.3		19.7
1970	- 1.1	6.6	5.7	11.8	26.9	33.9	38.4	38.8	30.9	22.0	13.6		19.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	16.6	20.7	22.4	32.1	41.7	46.8	56.6	53.4M	47.8H	37.9	22.8	16.4	34.6*
1952	15.4	14.7	17.2	32.4	41.9M	50.9	54.5	54.6	49.0	41.7	23.8	16.5	34.3*
1953	22.1	17.8	26.2	30.6	39.2M	53.5M	57.7M	53.3	47.3	36.5	28.4	17.2	36.0*
1954	20.5	24.3	23.0	37.8	44.5	50.5	56.6	53.0	48.4	42.1	31.9	18.2	37.6
1955	13.6	13.2	22.9	29.7	41.2	47.6		56.2	48.8	40.3	25.4	21.1M	
1956	21.7	14.4	24.0	33.0	44.6	52.4		51.1	50.4	38.0	23.0	18.0	
1957	17.4	25.8	24.6	30.4	38.1	49.2	55.4	54.5	46.8	38.1	21.0	18.3	35.0
1958	15.5	20.8	19.2	28.6	43.6M	52.8M	54.6	56.3				25.0	
1959	20.1	17.9	24.6	35.8	44.0	53.9	57.4	54.6	48.4	37.8	28.3	22.6	37.1
1960	13.3	13.9	26.7	34.4	43.2	51.5	56.2	55.7	51.7	39.7	29.4	17.7	36.1
1961	18.0	21.6	26.9	31.2	43.8	52.9	54.8	56.1	45.4	38.4	21.3	15.6	35.5
1962	15.0	22.0	19.2	38.5	42.0	49.4	53.6	52.9	48.2	43.1	32.4	23.0	36.5
1963	16.4	22.0	22.0	35.3	46.0	49.9	57.6	55.6	52.1	44.2	30.3	19.7	37.6
1964	15.3	13.8	19.3	31.7	43.2	49.8	57.4	53.6	48.9	42.0	27.1	15.9M	34.8*
1965	19.8	16.9	21.1	34.7	41.5	48.4	55.7	53.3	45.4	42.3M	34.0	20.2	36.2*
1966	11.7	12.4	26.7	35.1	45.5	51.1	57.8	55.2	49.1	40.3	30.7	18.1	36.1
1967	16.6M	13.1	29.1	33.8	42.3	47.9	57.4	53.9	50.0	41.7	31.9	17.8	36.7*
1968	16.6	21.6	25.7	30.1	41.7	51.7	55.0	52.3	46.9	43.0	26.3	16.3	35.6
1969	19.8	15.8	18.9	36.0	46.0	48.0	56.9	57.3	49.8	34.1	25.7	22.2	35.9
1970	16.9	23.9	21.9	27.3	45.1	50.0	55.3	55.4	46.6	35.1	27.9	17.0	35.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

SPICER 2NE

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SIGN. SLEET						MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	29.1	6.9	18.0	47.	1969	7	-48.	1963	12	0.0	19.2	31.0	8.4	1.07	.80	1952	25	26.4	45.	1952	7	4.0	.1	0.0
FEB	31.5	7.4	19.5	51.	1963	5	-31.	1962	28	0.0	14.9	28.0	7.6	.90	.80	1957	9	21.3	45.	1952	29	3.2	.1	0.0
MAR	36.0	10.5	23.2	58.	1964	31	-28.	1965	18	0.0	11.1	30.8	5.7	.91	.60	1957	22	26.6	48.	1965	28	3.8	.1	0.0
APR	46.9	20.6	33.8	69.	1969	22	-8.	1970	1	0.0	1.5	28.2	.4	1.20	1.90	1958	23	17.7	33.	1965	6	3.2	.1	.1
MAY	60.5	33.0	45.2	78.	1954	19	1.	1970	1	0.0	0.0	20.4	0.0	1.16	.80	1951	14	5.2	7.	1951	14	4.1	.2	0.0
JUN.	68.9	35.4	52.1	87.	1961	27	21.	1970	1	0.0	0.0	8.4	0.0	1.29	1.20	1957	13	.1	0.	0	0	4.2	.5	.1
JUL	76.8	43.8	58.8	91.	1954	13	19.	1955	8	.1	0.0	1.2	0.0	1.38	1.10	1955	27	0.0	0.	0	0	4.5	.6	.1
AUG	73.8	38.8	56.3	86.	1969	26	21.	1964	22	.1	0.0	3.2	0.0	1.89	.94	1966	4	0.0	0.	0	0	5.6	.9	0.0
SEP	67.4	31.5	49.5	86.	1954	3	7.	1962	9	0.0	0.0	17.2	0.0	1.11	.87	1961	22	2.1	12.	1961	23	3.9	.4	0.0
OCT	56.5	22.7	39.6	76.	1957	1	-9.	1969	13	0.0	.6	28.6	.2	.80	.79	1962	19	4.1	18.	1969	18	2.5	.5	0.0
NOV	40.6	14.2	27.4	61.	1965	8	-17.	1961	5	0.0	5.6	29.7	3.6	.91	1.00	1953	6	18.9	24.	1968	16	3.3	.2	0.0
DEC	31.1	6.9	18.6	51.	1953	14	-26.	1969	29	0.0	18.5	30.8	8.5	1.20	1.10	1951	29	26.8	40.	1951	30	3.4	.2	0.0
ANNUAL	52.1	22.4	37.2							0.	71.	258.	34.	13.8				149.				46.	4.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.23	.24	.27	0.00	.42	0.00	.43	.79	0.00	0.00	.25	.36	9.57
.10	.33	.33	.36	.46	.53	.30	.56	.96	0.00	.08	.33	.48	10.39
.20	.49	.46	.49	.68	.68	.54	.76	1.20	.17	.21	.47	.65	11.44
.30	.63	.57	.60	.84	.82	.74	.93	1.40	.35	.33	.58	.79	12.25
.40	.77	.69	.71	.99	.94	.93	1.09	1.59	.54	.46	.79	.94	12.96
.50	.92	.80	.82	1.14	1.07	1.13	1.26	1.78	.77	.61	.94	1.09	13.65
.60	1.09	.94	.94	1.29	1.21	1.35	1.44	1.98	1.04	.78	.95	1.25	14.37
.70	1.30	1.09	1.09	1.47	1.37	1.61	1.66	2.22	1.38	1.00	1.10	1.44	15.16
.80	1.56	1.29	1.28	1.70	1.58	1.96	1.94	2.51	1.85	1.29	1.31	1.69	16.13
.90	1.89	1.61	1.58	2.05	1.91	2.51	2.37	2.97	2.66	1.78	1.63	2.08	17.54
.95	2.39	1.91	1.85	2.38	2.20	3.02	2.77	3.38	3.45	2.27	1.92	2.44	18.76
ALPHA	2.39	2.93	3.32	4.41	4.33	2.40	3.54	5.52	1.13	1.33	2.98	3.38	24.31
BETA	.45	.31	.27	.29	.27	.57	.39	.34	1.11	.64	.31	.36	.57
Q	0.00	0.00	0.00	.05	0.00	.05	0.00	0.00	.11	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.55	1.13	.41	2.20	1.85	2.01	.73	2.52	.33	.35	1.20	3.74	17.96
1952	1.30	.70	1.630	2.16	1.81	.45	2.35	1.70	T	T	.55	.50	13.15*
1953	1.00	.50	.50	.60	.45	1.03	2.25	2.35	.32	.92	1.80	.95	12.07
1954	.70	.90	2.15	T	1.64	.50	1.43	1.85	3.10	1.45	1.55	1.00	16.27
1955	.40	1.50	.95	.70	1.050	.980	2.25	3.25	.45	1.93	1.33	.930	14.89*
1956	1.30	2.25	1.30	1.80	1.00	.45	2.35	1.30	T	.36	.46	1.40	13.97
1957	2.10	1.03	1.20	2.10	2.30	3.10	1.20	.45	.60	1.280	.450	1.430	17.61*
1958	.50	.70	1.30	1.90	.50	.00	.57	1.270	.29	.34	1.090	1.390	9.55*
1959													
1960	.260	.540	.480	.520	1.100	.65	1.60	.98	1.22	.58	1.15	.83	9.91*
1961	.30	.58	.99	1.18	2.00	.78	1.70	2.90	4.37	.68	.56	1.39	17.43
1962	1.14	2.44	.29	1.48	1.36	2.34	1.17	3.20	.28	1.16	.52	.63	16.01
1963	2.88	1.12	.85	.96	.52	1.44	.95	3.39	1.22	.11	.55	.53	14.52
1964	.52	.31	1.25	1.14	.94	1.26	.63	1.16	.82	.16	.94	2.81	11.94
1965	1.51	.34	1.33	.86	.83	1.44	2.15	2.10	2.77	.24	1.36	.53	15.46
1966	.29	.33	.33	.51	1.39	.41	.33	1.32	.67	1.54	.12	1.49	8.73
1967	1.49	1.18	.69	.64	.95	1.99	1.37	1.06	1.93	.36	.97	.94	13.57
1968	.46	.56	.45	1.94	1.27	.52	.41	1.47	.68	.66	1.62	.75	10.73
1969	1.52	.68	.36	1.25	.51	3.60	1.74	1.38	.98	2.80	.30	.80	15.62
1970	1.04	.43	.81	.91	.54	1.62	1.14	2.45	1.46	1.56	.86	.73	13.55

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							17.2	14.0	7.2	20.0	7.0		
51-52	T	.0	.0		11.0	43.0	13.0	7.0			14.0	.0	
52-53	.0	T	.0	T	12.0	12.0	8.0	6.0		6.0	.0	.0	
53-54	.0	.0	.0	2.0		6.0	6.0	9.0	20.0	T	3.0	T	
54-55	T	.0	.0	4.0	18.0	13.0	12.0	9.0	16.0	6.0			
55-56	.0	.0	T	8.0	16.0		19.0	35.0	19.0	6.0	T	.0	
56-57	.0	.0	.0	T			25.0	13.0	12.0	20.0		2.0	
57-58	.0	.0	3.0	T			5.0	9.0	11.0	6.0	4.0	.0	
58-59	.0		T										
59-60											19.0	.0	
60-61	.0	.0	.0	9.0	25.0	17.3	3.0	17.0	28.0	37.0	24.0	T	165.3
61-62	.0	.0	34.0	5.0	13.8	47.0	44.0	74.0	17.0	34.0	2.0	T	270.8
62-63	.0	.0	.0	.0	17.0	26.0	61.0	23.0	23.0	23.0	T	.0	176.0
63-64	.0	.0	.0	.0	8.0		23.0	14.8	56.0			.0	
64-65	.0	.0	.0	.0	41.0	77.0	73.0	24.0	78.0		10.0	.0	
65-66	.0	.0		6.0	36.0	16.1	23.0	19.0	21.0	4.0	.0	.0	
66-67	.0	.0	.0	23.0	3.0		17.0	60.0		23.0	.0	.0	
67-68	.0	.0	.0		34.0		24.0	31.0		19.0	.0	.0	
68-69	.0	.0	.0								.0	.0	
69-70	.0	.0	.0		13.0			3.3	37.0		T	T	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.5	31.4	34.0	45.4	61.9	61.9	78.9	75.6	70.8	53.9	36.9	25.8	50.3
1952	26.0	27.9	30.6	47.0	62.5	73.7	77.4	71.8	57.6	64.4			
1953	34.4	27.9M	41.8M	44.2	60.4	74.2	73.6	74.4	74.1	64.3	44.3	32.2	54.4*
1954	33.8	33.3	35.4	53.9	62.0	71.1	83.2	74.7	71.8	55.8M	45.7	31.2	54.8*
1955	31.3		39.6M	49.7			83.8	74.7	68.5	60.1	40.2	34.6	
1956	34.7	23.4	36.4	48.4	64.8	78.1	77.5	75.5	74.1	59.6	39.2	35.3	53.9
1957	27.2	35.5	38.3	42.7	56.4	65.3	77.5	75.7	69.8				
1958	29.7	37.8	34.8M	41.8	64.1	70.4			66.9M	53.6			
1959													
1960					60.4M	69.9	74.7	76.2M	70.2	54.7M	40.7M	29.0	
1961	30.0	32.1	38.2	44.0	59.3	70.8	74.2	74.6M	56.5	53.4M	37.7	25.9	49.7*
1962	24.2	33.6	33.9M	50.9	58.9M	68.1	74.4M	75.2M	68.5M	58.1M	43.7	32.9	51.9*
1963	22.6M	35.7	36.8	49.3	63.6	69.4M	77.7	72.3	70.1	62.7	45.4	31.3M	53.1*
1964	25.9	24.3	31.1M	44.2M	60.2	67.0	77.2	63.3	64.2	56.8M	37.5	27.4	48.8*
1965	30.2M	29.4	27.8	46.8	57.4M	66.5M	72.6M	69.9M	57.7	60.1	42.6	33.8M	49.5*
1966	26.6	27.8	41.7M	49.2	61.2	69.1	78.6	73.8	68.8M	53.3	44.6	27.5	51.9*
1967	29.2	29.9	41.7	49.3	55.5M	64.2	73.7	72.6	66.1	56.3M	40.8M	24.9	50.3*
1968	29.0	33.0	38.5	42.3	55.5	70.1M	73.9	68.8	63.4	55.6M	34.0M	23.4	49.4*
1969	33.6	31.3M	31.7M	52.9M	64.2	62.3	76.0M	76.9	64.2M	42.8	38.1	31.6M	50.4*
1970	27.9M	35.6M	35.9M	41.4M	60.2	67.3M	74.6	75.7	63.5M	46.1M	37.1M	33.5	49.7*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	7.3	10.1	13.0	23.4	31.9	31.8	42.0	39.2	30.1	27.5	11.0	8.5	23.0
1952	5.7	5.6	8.3	22.5	30.6	37.9	43.1	40.0	30.3	18.7			
1953	17.0	1.8M	19.0M	19.4	30.7	36.4	43.3	37.3	31.1	21.6	17.0	3.5	23.1*
1954	14.4	15.5	14.3	29.1	31.8	34.1	42.3	39.5	35.4	24.9	16.9	3.3	25.0
1955	3.9		7.8	15.5			37.0	39.5	31.9	21.5	9.1	19.6	
1956	11.6	.4	10.5	19.0	31.5	37.2	38.0	34.5	30.2	23.8	6.0	8.7	21.0
1957	7.7	14.8	13.1	20.8	31.4	34.5	42.3	39.2	27.8				
1958	2.5	15.4	12.8M	20.6	34.2	39.0			31.4M	16.0			
1959													
1960					28.9M	35.5	38.6	38.0M	35.5	23.2M	15.3M	1.2	
1961	.0	5.0	11.2	17.8	30.3	36.5	40.4	40.7M	29.3	23.2	9.8M	5.2	20.8*
1962	- 1.9	12.6	6.5M	23.5	31.1M	35.2M	39.5M	36.7M	31.2M	24.6M	17.9	7.7	22.0*
1963	.5M	10.3	10.3	21.9	29.9	35.0M	40.5	43.1	35.6	28.4	18.9	7.7M	23.5*
1964	3.1M	- 2.9	5.9M	18.8M	28.2	35.5	41.4	34.1	29.7	20.4M	13.6	6.7	19.9*
1965	11.2M	4.1	1.1	23.4	25.4M	34.3M	41.3M	37.8M	30.2	24.8	20.7	10.5M	22.4*
1966	2.4	.9	13.0M	20.7	30.2	35.3	42.8	37.6	32.1M	22.5	18.5	5.3	21.8*
1967	10.9	6.7	17.5	20.3	27.8M	35.3	41.4	37.7	32.0	26.3M	14.7M	3.6	22.8*
1968	6.5	9.7	10.4	16.6	25.2	35.4M	40.4	39.0	23.3M	21.6M	8.6	7.7	20.9*
1969	13.0	7.7M	1.2M	23.0M	30.8	34.2	41.1M	40.0	34.7M	19.3	11.7	6.6M	21.9*
1970	8.0M	8.8M	9.1M	16.3M	26.4	33.1M	39.5	40.9	30.0M	16.4M	17.0M	9.2	21.4*

SPICER 2NE

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	17.4	20.8	23.5	34.4	46.5	46.9	63.5	57.4	50.5	43.7	24.0	17.2	36.7
1952	15.9	16.8	19.5	34.8	46.6	55.8	63.3	55.9	43.2	41.6			
1953	25.7	14.9M	30.4M	31.3	45.6	55.3	61.5	55.9	52.6	43.0	30.9	17.5	39.8*
1954	24.1	27.4	24.9	41.0	46.9	52.6	62.4	55.6	53.6	43.4M	31.3	17.3	39.9*
1955	17.6		23.7M	32.6			58.9	57.1	50.2	40.8	24.7	25.1	
1956	23.2	11.9	23.5	34.0	48.2	57.7	57.8	55.0	52.2	41.7	22.6	22.0	37.5
1957	17.5	25.2	25.7	31.8	43.9	49.9	59.9	57.5	43.8				
1958	16.1	26.6	23.8M	31.2	49.2	54.7			43.2M	37.8			
1959													
1960					44.7M	52.7	56.7	57.1M	52.9	39.0M	28.0M	15.1	
1961	15.0	18.6	24.7	30.9	44.8	53.7	57.3	57.7M	42.9	38.3M	23.8M	15.6	35.3*
1962	11.2	23.1	20.2M	37.2	45.0M	51.7M	56.5M	56.3M	43.9M	41.4M	30.8	23.3	36.9*
1963	11.6M	23.0	23.6	35.6	46.8	52.2M	59.1	57.7	50.9	45.6	32.2	19.4M	38.3*
1964	14.5M	10.7	18.5M	31.5M	44.2	51.3	59.3	53.7	47.0	38.6M	25.6	17.1	34.3*
1965	20.7M	16.8	14.5	35.1	42.9M	50.7M	57.3M	53.9M	44.0	42.5	31.7	22.2M	36.0*
1966	14.5	14.4	27.4M	35.0	45.7	52.2	60.7	55.7	50.5M	37.9	31.6	16.4	36.8*
1967	20.1	15.3	29.6	34.8	41.7M	49.8	57.6	55.2	49.1	41.0M	27.8M	14.3	36.6*
1968	17.8	20.9	24.5	29.5	40.4	52.8M	57.2	53.9	46.2M	39.6M	21.3M	18.1	35.2*
1969	23.3	19.5M	16.5M	38.0M	47.5	48.3	58.6M	58.4	51.5M	31.1	24.9	19.1M	36.4*
1970	18.0M	22.2M	22.5M	28.9M	43.3	50.2M	57.1	58.3	46.8M	32.3M	27.1M	20.0	35.6*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

SPRINGFIELD

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS							SNOW, SLEET		MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN														.33	.92	1960	14	4.5	9.	1960	19	1.0	.2	0.0
FEB														.34	.81	1960	4	5.1	8.	1960	4	1.4	.1	0.0
MAR														.71	1.04	1969	2	8.0	10.	1957	25	2.3	.3	.1
APR														.96	1.25	1969	16	1.7	5.	1955	1	2.3	.7	.1
MAY														2.44	5.40	1951	15	0.0	0.	0	0	4.7	1.6	.5
JUN														2.14	5.81	1965	17	.2	0.	0	0	4.1	1.2	.6
JUL														2.82	2.68	1966	23	0.0	0.	0	0	5.1	2.3	.9
AUG														1.80	1.96	1956	19	0.0	0.	0	0	3.6	1.4	.5
SEP														.98	2.05	1969	17	0.0	0.	0	0	2.4	.6	.1
OCT														.79	2.73	1965	17	.7	3.	1969	12	2.0	.4	.2
NOV														.47	.77	1961	15	3.4	9.	1961	16	1.4	.2	0.0
DEC														.33	.56	1959	27	4.1	6.	1964	3	1.2	.1	0.0
ANNUAL														14.1				28.				31.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.01	.07	.08	.51	.15	.54	.77	0.00	0.00	0.00	0.00	8.03
.10	.01	.03	.12	.14	.73	.28	.80	.94	.10	0.00	0.00	.04	9.11
.20	.05	.06	.21	.27	1.09	.55	1.21	1.17	.25	.04	.09	.13	10.54
.30	.09	.11	.31	.40	1.41	.84	1.59	1.35	.40	.16	.17	.15	11.67
.40	.14	.16	.42	.55	1.74	1.17	1.94	1.53	.56	.30	.25	.20	12.69
.50	.21	.22	.54	.71	2.09	1.55	2.39	1.70	.74	.46	.34	.28	13.70
.60	.29	.30	.68	.91	2.49	2.01	2.86	1.89	.95	.67	.45	.33	14.76
.70	.39	.40	.86	1.16	2.96	2.60	3.43	2.11	1.22	.95	.59	.41	15.96
.80	.54	.55	1.11	1.51	3.59	3.41	4.18	2.36	1.58	1.34	.78	.52	17.43
.90	.81	.81	1.52	2.09	4.59	4.74	5.39	2.80	2.19	2.02	1.10	.70	19.62
.95	1.07	1.07	1.92	2.67	5.55	6.16	6.54	3.18	2.79	2.71	1.41	.88	21.56
ALPHA	.87	.87	1.33	1.23	2.28	1.13	2.14	5.84	1.30	.91	1.75	1.54	11.53
BETA	.40	.39	.63	.78	1.67	1.90	1.31	.31	.79	1.02	.42	.22	1.22
Q	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.15	.10	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

SPRINGFIELD

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.29	.08	.16	.28	5.95	3.21	2.22	2.53	.92	.47	.34	T	16.55
1952	.12	.22	.44	1.56	1.56	.25	1.11	1.18	.84	.00	.35	.16	7.50
1953	.02	.06	.52	.34	1.04	.89	2.39	2.08	.00	.65	1.10	.53	9.60
1954	.20	.07	.18	.16	1.70	1.22	3.20	1.10	.15	1.40	T	.15	9.53
1955	.05	.14	.08	2.73	4.61	.61	.46	1.76	1.24	.02	.06	.47	12.23
1956	.25	.16	.23	.79	1.02	.80	2.82	2.13	.12	.17	.35	.03	8.87
1957	.11	.08	2.32	2.26	3.38	2.55	4.13	2.76	.42	.81	.65	.64	19.11
1958	.29	.57	1.25	1.15	3.93	1.47	3.41	.95	.63	.37	.48	.28	14.52
1959	.49	.41	1.21	.57	2.73	1.20	3.38	2.66	.13	2.09	.23	.99	16.69
1960	1.74	1.48	.51	1.42	1.09	1.89	.84	1.77	1.63	2.46	.13	.92	15.88
1961	.06	.70	.35	.56	.68	3.20	3.65	1.60	1.41	.86	1.80	.13	14.98
1962	.57	.01	.64	.89	2.21	3.29	3.36	.35	.62	.19	.65	.13	13.43
1963	.04	.33	.51	.36	1.20	2.43	2.31	2.41	1.61	.30	.15	.26	11.61
1964	.00	1.59	.49	.79	5.01	.84	.15	1.53	.31	T	1.19	.56	12.46
1965	.45	.32	.62	.03	1.83	9.72	4.33	2.73	.36	3.03	.32	.53	23.97
1966	.88	.18	.17	.12	.26	.53	7.27	1.31	1.76	.19	.33	.37	13.04
1967	.56	.07	.08	.62	2.98	4.89	2.26	1.27	.87	.27	.25	.42	14.54
1968	.09	.16	.58	.31	2.26	.54	3.09	2.11	.23	.00	.39	.33	10.16
1969	.37	.13	2.30	2.71	3.81	3.65	2.24	2.10	3.32	1.99	.25	.22	23.09
1970	.01	.04	1.43	1.49	1.47	.26	2.89	1.61	3.11	.78	1.36E	.13	14.28*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							9.5	1.0	2.2	2.9	T	4.0	
51-52	.0	T		.0	8.5	T	3.0	3.5	7.3	T	.0	.0	
52-53	.0	.0	.0	.0	5.5	2.5	T	T	T	T	T	.0	
53-54	.0	.0	.6	T			4.0	T		.0	T	.0	
54-55	.0	.0	.0	.0	.0	2.5	1.0	1.4	.8	5.1	.0	.0	10.8
55-56	.0	.0	.0	T	T	5.0	1.5	.5	4.0	T	.0	.0	11.0
56-57	.0	.0	.0	T	3.3	.4	3.3	.9	21.9	1.2	.0	.3	30.9
57-58	.0	.0	.0	.2	4.2	.5	4.7	9.9	12.3	6.0	.0	.3	37.8
58-59	.0	.0	.0	.0	9.4	6.2	7.9	6.0		6.6	.0	.0	
59-60	.0	.0	.0	2.6	2.2	10.0	10.8	21.8	7.1	2.0	.0	.0	56.5
60-61	.0	.0	.0	1.0	1.5	7.5	2.4	9.9	3.7	4.2	.5	.0	30.7
61-62	.0	.0	.0	T	13.0	2.3	9.3	.9	5.8	.5	.0	.3	30.8
62-63	.0	.0	.0	.0	4.9	.0	1.9	4.6	5.1	.0	.0	.0	16.5
63-64	.0	.0	.0	.0	.0		.0	22.5			.0	.0	
64-65	.0	.0	T	.0			5.5	3.2	11.0	.0	.0	.3	
65-66	.0	.0	T	.0	.5	8.0	9.5	3.8	3.0	.0	.0	.0	24.8
66-67	.0	.0	.0	T	.3	5.0	8.1			.0	.2	.3	
67-68	.0	.0	.0	.0	2.0	12.0	2.1	1.7		T	.0	.0	
68-69	.0	.0	.0	.0	.0	5.0	1.0	T	22.4		.0	.7	
69-70	.0	.0	.0	7.5	2.0	1.0	.5	.5	14.0		.0	.0	

CLIMATOLOGY REPORT NO. 77-1

STEAMBOAT SPRINGS

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES				MEAN: NO OF DAYS					SNOW, SLEET			MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN			GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										00 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW										
JAN	29.2	1.5	15.4	51.	1956	8	-50.	1963	12	0.0	19.5	30.9	14.2	2.79	1.48	1965	29	37.9	51.	1952	25	8.8	1.0	.1
FEB	34.1	4.6	19.4	55.	1962	11	-44.	1951	1	0.0	11.6	28.2	10.8	2.16	1.13	1959	4	28.5	49.	1952	29	7.4	.6	.1
MAR	41.1	10.9	26.0	60.	1967	28	-31.	1956	12	0.0	4.6	30.7	6.4	1.96	.92	1964	26	22.4	52.	1952	1	6.9	.4	0.0
APR	52.7	23.5	38.1	74.	1969	22	0.	1955	5	0.0	.5	27.4	0.0	2.27	1.20	1968	19	14.6	42.	1952	1	7.1	.9	.1
MAY	65.4	31.2	48.3	87.	1964	27	16.	1967	1	0.0	0.0	19.5	0.0	1.89	1.05	1953	20	2.6	0.	0	0	6.7	.8	0.0
JUN	74.7	35.4	55.1	94.	1954	23	23.	1970	1	.2	0.0	8.9	0.0	1.62	1.20	1970	11	0.0	0.	0	0	4.6	.8	.2
JUL	82.8	40.9	61.8	96.	1954	11	25.	1968	1	1.6	0.0	1.5	0.0	1.56	1.29	1953	29	0.0	0.	0	0	4.6	.5	0.0
AUG	79.9	40.1	60.0	92.	1962	14	24.	1962	28	.6	0.0	3.4	0.0	1.76	1.15	1965	3	0.0	0.	0	0	4.9	.6	.1
SEP	72.3	31.8	52.1	91.	1960	3	12.	1961	25	.1	0.0	17.0	0.0	1.79	2.55	1961	22	1.9	8.	1961	22	5.6	.9	.3
OCT	61.1	23.6	42.4	79.	1963	4	5.	1952	15	0.0	0.0	27.2	0.0	1.72	1.62	1966	3	5.4	10.	1955	31	4.6	.9	.2
NOV	43.2	13.5	28.4	65.	1965	1	-26.	1952	27	0.0	4.8	29.3	4.7	1.85	1.13	1955	13	19.4	23.	1955	17	5.9	.8	.1
DEC	31.1	4.1	17.6	58.	1955	24	-36.	1962	26	0.0	17.7	30.9	12.8	2.59	1.42	1951	30	32.8	46.	1951	31	7.5	1.0	.1
ANNUAL	55.6	21.7	38.7							3.	59.	255.	49.	24.0				165.				75.	9.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	1.07	1.09	1.71	1.89	1.53	1.34	1.52	1.76	1.12	0.00	1.80	1.86	17.37
.10	1.33	1.69	1.89	1.10	1.71	1.49	1.64	1.82	1.23	1.97	1.11	1.86	18.66
.20	1.70	1.37	1.12	1.40	1.98	1.72	1.88	1.14	1.45	1.00	1.47	1.78	20.30
.30	1.91	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	21.54
.40	2.10	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	22.64
.50	2.30	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	23.70
.60	2.50	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	24.74
.70	2.69	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	25.79
.80	2.87	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	26.80
.90	3.05	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	27.80
.95	3.17	1.10	1.12	1.64	1.72	1.72	1.88	1.14	1.70	1.00	1.07	1.78	28.80
ALPHA	4.77	5.45	4.33	4.97	3.10	2.29	3.83	5.93	1.11	1.49	5.90	3.86	31.34
BETA	.58	.40	.45	.46	.01	.71	.41	.10	1.61	1.21	.31	.67	.76
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	3.43	2.49	1.21	4.01	1.37	1.78	1.77	2.03	.54	2.50	1.43	7.26	25.62
1952	3.53	2.40	3.32	1.77	1.68	1.84	2.93	2.01	.40	T	1.14	2.30	22.59
1953	4.08	1.82	2.56	2.14	1.71	1.54	1.93	1.54	.37	1.34	1.89	1.72	22.34
1954	1.87	.64	3.51	1.31	1.61	.45	.92	2.17	3.21	2.40	1.68	1.79	21.55
1955	2.61	2.00	1.30	.95	2.00	1.73	.58	2.00	.50	2.02	4.14	2.12	21.95
1956	4.70	3.21	.91	3.59	.95	.24	2.48	1.44	.15	.92	1.93	3.25	23.67
1957	5.01	2.73	2.93	3.27	5.17	3.85	2.19	1.25	.71	3.14	2.98	2.77	35.89
1958	2.02	2.24	2.66	1.96	.94	.34	1.25	1.22	2.20	.37	2.29	2.53	19.72
1959	1.92	3.34	2.46	2.20	1.91	1.54	.97	2.41	5.17	3.39	1.10	.82	26.93
1960	2.16	3.31	3.00	1.85	1.72	.83	1.10	.95	1.35	1.28	2.10	1.75	21.35
1961	.69	1.59	1.75	2.89	2.94	1.16	1.51	1.09	8.15	1.26	1.77	2.63	27.48
1962	2.02	4.21	.98	2.28	2.01	.87	.28	.41	.84	1.57	1.31	1.23	17.71
1963	3.32	1.20	1.68	3.38	.51	1.38	.94	2.17	1.25	1.15	1.17	1.29	19.14
1964	2.00	1.64	3.12	2.45	1.74	2.48	1.04	2.59	.85	.42	1.82	5.600	25.76*
1965	4.36	.86	1.85	2.16	3.74	2.39	2.52	3.03	3.67	.37	2.68	1.55	28.88
1966	.90	1.32	.99	.60	1.65	.51	1.10	2.47	1.51	2.60	.58	2.92	17.15
1967	2.99	2.08	2.16	1.25	2.55	2.29	2.16	1.96	1.72	1.13	1.59	4.24	26.17
1968	1.73	2.68	.92	3.73	2.42	1.01	1.13	1.42	.79	1.76	2.53	2.04	22.21
1969	3.26	1.85	.59	1.92	.34	3.59	2.92	2.32	1.50	3.67	1.42	2.45	25.53
1970	3.17	1.57	1.38	2.64	.90	2.52	1.40	.96	1.30	3.92	1.88	1.56	23.20

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							49.2	34.4	15.9	10.3	2.0	.0	
51-52	.0	.0	.0	10.4	21.9	84.6	50.5	37.2	42.5	4.3	1.0	.0	252.4
52-53	.0	.0	.0	.0	14.3	27.5	42.8	23.0	15.0	17.3	3.9	.0	140.8
53-54	.0	.0	.0	3.7	9.6	26.5	28.5	10.6	35.4	2.1	1.0	.0	117.4
54-55	.0	.0	.0	1.7	9.3	18.4	48.4	29.4	15.0	6.0	4.0	.0	134.2
55-56	.0	.0	.0	14.5	50.7	32.3	54.1	43.6	15.8	20.1	4.0	.0	235.1
56-57	.0	.0	.0	2.5	25.5	39.5	71.0	28.1	23.3	15.3	.0	.0	
57-58	.0	.0	.0	1.0	29.8	40.5	26.6	23.6	30.7	12.6	.0	.0	164.8
58-59	.0	.0	T	.6	23.3	20.8	29.5	38.4	29.2	13.8	.0	.0	155.6
59-60	.0	.0	2.4	4.1	8.4	9.3	27.2	44.6	40.8	5.4	.0	.0	146.2
60-61	.0	.0	.0	4.9	21.9	23.4	12.8	23.1	25.5	26.8	3.0	.0	141.4
61-62	.0	.0	19.6	5.1	25.6	44.3	31.0	50.8	14.1	11.5	1.7	.0	203.7
62-63	.0	.0	.0	.7	6.8	16.2	38.6	11.5	24.8	20.2	.0	.0	118.8
63-64	.0	.0	.0	.6	8.9	19.3	33.3	26.6	23.9	23.9	5.9	.0	
64-65	.0	.0	.0	1.5	27.1	52.4	51.6	13.1	27.9	21.1	11.7	.0	206.4
65-66	.0	.0	13.2	.0	18.1	18.1	15.6	21.9	12.5	4.9	.0	.0	104.4
66-67	.0	.0	.0	4.9	6.4	29.1	47.8	33.7	16.5	11.0	2.6	.0	152.1
67-68	.0	.0	.0	4.1	13.2	62.7	29.7	25.3	11.4	30.7	7.6	.0	182.7
68-69	.0	.0	1.6	5.4	30.9	34.8	34.4	27.3	10.8	7.0	.0	.0	152.2
69-70	.0	.0	.0	24.6	15.1	34.5	35.3	21.9	17.6	25.4	1.5	.0	176.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.2	35.4	41.5	51.6	65.7	69.4	83.9	79.8	73.3	57.5	41.1	29.6	54.6
1952	26.5	29.8	36.5	52.7	65.1	77.9	81.1	78.5	76.9	67.7	46.1	28.3	55.1
1953	34.2	33.5	45.1	49.3	60.0	76.8	83.5	79.1	76.9	62.9	48.1	28.5	56.5
1954	35.3	42.6	41.9	59.8	68.5	76.6	86.1	80.8	73.7	62.5	52.6	28.2	53.1
1955	26.9	29.5	38.2	52.7	64.5	71.7	85.4	82.1	76.2	63.0	37.2	34.5	55.1
1956	34.4	26.9	42.5	52.8	68.8	80.5	81.0	78.2	77.8	64.6	34.5	28.4	55.9
1957	28.4	37.7	43.0	50.2	60.0	72.1	79.4	78.2	71.7	60.1	36.9	31.4	54.1
1958	26.8	39.6	41.4	49.6	71.0	79.3	81.4	84.3	72.9	65.0	45.0	35.1	57.6
1959	32.5	35.6	40.6	53.1	64.7	79.7	83.7	79.2	68.7	56.6	44.0	39.9	56.5*
1960	29.5	29.5	43.5	57.0	64.5	77.3	84.8	82.9	75.6	60.8	43.6	31.7	56.7
1961	30.2	37.4	43.5	51.1	66.0	78.5	82.2	82.3	61.4	58.6	46.6	27.3	54.9
1962	24.6	36.5	39.0	57.7	65.5	74.1	81.4	81.4	75.0	64.4	56.9	36.7	57.3
1963	24.9	33.8	43.4	55.3	69.6	75.7	85.1	78.1	76.7	67.8	48.3	34.3	58.3
1964	26.0	27.3	36.5	49.5	66.0	71.4	85.7	78.0	71.8	64.9	43.1	29.9	54.2
1965	31.1	33.1	35.8	52.1	61.9	71.1	79.2	76.3	63.1	65.3	47.5	35.1M	54.4*
1966	28.5	31.7	46.5	55.6	66.7	75.8M	85.4	79.5	73.8	58.7	49.6	29.7	57.0*
1967	31.2	34.9	47.0	55.5	60.3	69.6	80.5	80.1	70.7	60.0	44.8	24.6	54.9
1968	25.5	34.1	42.4	46.5	59.9	74.9	81.4	74.7	69.8	60.0	36.1	28.0	52.7
1969	31.4	32.8	36.9	56.5	70.2	69.1	82.7	82.4	73.1	49.4	40.5	31.0	54.7
1970	29.5	36.2	37.8	45.9	66.4	73.3	81.3	83.1	68.0	51.1	40.4	30.2	53.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.1	5.4	12.1M	26.7	32.1	33.1	40.5	41.3	28.0	26.4	9.0	4.4	21.7*
1952	.1	.5	8.8	23.2	32.8	35.4	40.1	40.7	30.6	19.5	7.8	1.5	20.0
1953	9.6	2.3	13.4	21.0	29.5	36.0	42.6	39.3	30.5	24.8	20.1	3.6	22.7
1954	6.8	5.3	14.8	25.8	32.3	35.7	45.3	38.8	35.8	26.9	17.9	.8	24.1
1955	.6	2.0	5.9	20.0	30.2	34.4	40.1	43.8	31.3	23.0	9.5	12.5	20.8
1956	9.4	4.8	9.6	25.0	33.7	35.3	40.4	38.0	29.4	22.4	3.9	.5	20.2
1957	.5	3.3	14.5	24.7	33.1	36.5	42.8	41.4	29.5	27.7	11.5	.9	22.6
1958	3.6	12.6	13.5	21.7	32.1	34.6	38.2	40.6	32.6	21.2	12.5	8.1	22.0
1959	3.3	7.3	10.6	22.5	32.2	37.2M	39.2	41.5	31.1	24.4	12.7	6.9	22.4*
1960	3.7	2.3	15.9	23.7	29.0	34.7	38.9	36.7	34.2	24.0	13.2	1.5	21.2
1961	8.4	7.0	15.5	23.5	31.1	35.4	40.0	42.9	30.4	24.0	11.5	3.3	21.4
1962	9.5	12.4	6.5	25.8	30.9	34.6	37.3	35.0	29.5	23.5	16.6	6.2	20.7
1963	4.3	12.4	10.0	24.3	30.4	34.6	41.0	44.5	36.2	27.2	15.4	4.0	23.0
1964	4.5	5.0	4.6	23.2	30.4	35.1	41.8	38.5	30.0	13.6	16.4	5.7	19.7
1965	7.6	1.1	2.0	24.9	30.9	36.7	41.7	39.7	32.4	22.8	20.0	5.6M	22.0*
1966	1.8	3.4	11.2	23.1	30.3	34.3M	41.7	38.1	33.2	22.3	19.2	4.6	21.6*
1967	8.7	4.8	15.4	24.7	30.5	36.0	41.7	39.1	34.0	22.8	13.0	4.2	23.0
1968	5.1	7.7	12.4	19.6	30.2	36.1	41.4	40.1	29.5	24.6	9.3	4.0	20.8
1969	8.9	3.6	6.2	26.0	32.8	36.5	42.2	42.1	35.5	24.5	11.0	4.5	22.8
1970	6.9	4.4	13.3	19.8	29.9	35.8	40.8	40.4	31.5	20.6	26.1	3.5	22.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.2	20.4	26.8M	39.2	48.9	51.4	62.2	60.1	50.7	42.0	25.1	17.3	38.2*
1952	13.2	14.7	22.7	38.0	49.0	56.7	60.6	59.6	53.8	43.6	24.0	14.9	37.6
1953	21.9	17.9	29.3	35.2	44.8	56.4	63.1	59.2	53.7	43.9	34.1	16.1	39.6
1954	21.1	25.5	28.4	42.3	50.4	56.2	65.7	59.8	55.3	44.7	35.3	13.7	41.6
1955	13.8	13.3	22.1	36.4	47.4	53.1	62.8	63.0	53.8	43.0	23.4	23.5	38.0
1956	21.9	11.1	26.1	38.9	51.3	57.9	60.7	58.1	53.6	43.5	19.2	14.5	38.1
1957	14.5	23.5	28.3	37.5	46.6	54.3	61.1	59.8	50.1	43.9	24.2	16.2	38.4
1958	11.6	26.1	27.5	35.7	51.6	57.0	59.3	52.5	52.8	43.1	28.8	21.6	39.8
1959	17.9	21.5	25.6	37.8	48.5	58.5M	61.5	60.4	49.9	40.5	28.4	23.4	39.5*
1960	16.6	15.9	29.7	40.4	46.8	56.0	61.9	59.8	54.9	42.4	28.4	15.1	39.0
1961	10.9	22.2	29.5	37.3	48.6	57.0	61.1	62.6	45.9	41.3	26.1	15.3	38.2
1962	7.6	24.5	22.8	41.8	48.2	54.4	59.2	58.2	52.3	44.0	33.8	21.5	39.0
1963	10.3	26.1	26.7	39.6	50.0	55.2	63.1	61.3	56.5	47.5	31.9	19.2	40.6
1964	10.8	11.2	20.6	36.4	48.2	53.3	63.8	53.3	50.9	42.3	25.8	17.8	37.0
1965	19.4	17.1	18.9	38.5	46.4	53.9	60.5	57.5	47.8	44.6	33.8	20.4M	38.2*
1966	13.4	17.6	28.9	39.4	49.5	55.1M	63.6	58.8	53.5	40.5	34.4	17.2	39.3*
1967	20.0	19.9	31.7	40.1	45.4	52.8	61.1	59.6	52.4	41.4	28.9	14.4	39.0
1968	10.2	20.9	27.4	33.2	45.1	55.5	61.4	57.4	49.2	42.3	22.7	16.0	36.8
1969	20.2	18.2	21.6	41.3	51.5	52.9	62.5	62.3	54.3	37.0	25.8	17.8	38.8
1970	18.2	20.3	25.6	32.9	48.2	54.6	61.1	62.8	49.8	35.9	30.3	15.9	38.0

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

STERLING

05 7950 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

YEARS	TEMPERATURE (F)												PRECIPITATION (INCHES)																			
	EXTREMES												MEAN NO OF DAYS																			
													MAX.					MIN.					SNOW, SLEET					MEAN NO OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE								
JAN	39.5	10.0	25.1	77.	1970	25	-22.	1966	21	0.0	8.5	31.0	6.2	.20	.34	1952	19	3.4	4.	1951	29	.8	0.0	0.0								
FEB	44.5	16.1	30.3	77.	1954	9	-29.	1951	1	0.0	5.7	28.0	2.3	.20	.40	1953	21	3.1	0.	0	0	.3	0.0	0.0								
MAR	49.0	21.3	35.2	86.	1963	29	-21.	1960	3	0.0	4.4	27.8	.8	.45	.73	1953	31	6.0				1.5	.1	0.0								
APR	61.5	32.5	47.1	89.	1962	26	7.	1957	8	0.0	.5	14.4	0.0	1.11	1.34	1953	7	2.0	3.	1951	10	2.7	.4	.1								
MAY	72.1	43.9	58.0	95.	1970	19	23.	1954	2	1.5	0.0	1.9	0.0	3.05	1.85	1955	17	.3	0.	0	0	6.2	2.6	.7								
JUN	82.0	52.0	67.4	106.	1968	21	30.	1954	3	7.7	0.0	.1	0.0	2.63	1.90	1966	8	0.0	0.	0	0	5.6	2.1	.5								
JUL	89.4	58.2	73.9	105.	1964	23	37.	1952	8	16.7	0.0	0.0	0.0	2.76	2.56	1963	27	0.0	0.	0	0	6.1	2.1	.6								
AUG	87.4	55.0	71.6	105.	1960	5	35.	1964	28	14.0	0.0	0.0	0.0	1.64	4.88	1968	15	0.0	0.	0	0	3.4	.6	.4								
SEP	77.6	45.0	61.3	99.	1959	7	21.	1964	27	-3.8	0.0	1.3	0.0	1.02	1.01	1963	21	0.0	0.	0	0	3.1	.6	.1								
OCT	66.3	33.8	50.1	91.	1953	2	8.	1969	14	.1	.3	13.2	0.0	1.00	1.60	1965	19	0.0	0.	0	0	2.4	.6	.2								
NOV	51.1	22.1	36.6	77.	1958	11	-10.	1952	27	0.0	2.9	28.4	.6	.38	.93	1956	3	2.2	10.	1952	17	.9	.1	0.0								
DEC	41.4	14.0	27.8	70.	1970	1	-17.	1968	31	0.0	7.2	30.8	2.6	.31	.54	1952	13	3.7	4.	1960	5	1.2	.1	0.0								
ANNUAL	63.5	33.9	48.7							44.	30.	177.	13.	14.7				21.				34.	9.	3.								

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.20	.70	.69	.48	.12	0.00	.11	0.00	0.00	9.26
.10	.03	.00	.05	.29	.98	.94	.73	.23	.08	.19	0.00	0.00	10.27
.20	.06	.03	.13	.46	1.43	1.32	1.13	.44	.23	.32	0.00	.08	11.59
.30	.09	.07	.20	.61	1.66	1.55	1.35	.67	.34	.46	.11	.13	12.61
.40	.13	.11	.27	.76	1.89	1.77	1.57	.92	.55	.61	.20	.19	13.53
.50	.16	.14	.33	.93	2.03	1.90	1.69	1.21	.74	.78	.26	.24	14.53
.60	.19	.17	.44	1.12	2.13	2.00	1.77	1.34	.94	.98	.33	.31	15.43
.70	.23	.20	.56	1.35	2.25	2.12	1.87	1.47	1.25	1.33	.44	.43	16.42
.80	.31	.27	.72	1.66	2.45	2.32	2.06	1.60	1.65	1.55	.64	.60	17.70
.90	.42	.36	.98	2.16	3.44	3.31	3.08	2.32	2.32	2.10	.89	.87	19.59
.95	.52	.45	1.24	2.63	6.76	6.59	6.57	4.65	2.98	2.63	1.14	.84	21.24
ALPHA	1.68	1.46	1.44	1.99	2.49	2.88	1.98	1.18	1.18	1.44	1.56	1.65	15.13
BETA	.12	.16	.33	.56	1.22	1.91	1.39	1.40	.90	.69	.30	.21	.91
Q	.05	.15	.05	0.00	0.00	0.00	0.00	0.00	.05	0.00	.20	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING 75% PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

STERLING

05 7950 4

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.24	.29	.10	1.95	.93	3.76	2.15	2.05	1.40	1.71	.31	.30	15.19
1952	.36	.58	.44	1.97	3.71	.73	.13	2.47	.91	.30	.86	.54	12.92
1953	.18	.54	.83	3.06	.64	2.25	2.72	2.18	.10	1.15	.89	.90	15.44
1954	.14	T	.32	.30	1.70	.93	2.16	.61	.50	.47	T	.14	7.27
1955	.22	.20	.11	.50	4.94	2.39	1.78	1.82	1.41	.32	.77	.02	14.48
1956	.17	.10	.17	.49	1.41	3.55	3.73	1.98	.03	.39	1.59	.61	14.19
1957	.05	T	.34	1.53	4.49	2.89	3.11	1.10	.14	1.05	.26	.15	15.11
1958	.07	.42	1.24	1.94	2.14	2.49	3.81	2.03	2.34	.11	.13	.55	17.27
1959	.44	.25	1.15	.28	4.91	2.25	.75	1.09	1.36	1.20	T	T	13.68
1960	.51	.58	.17	.54	2.21	1.95	3.64	.25	.63	1.66	.03	.42	12.59
1961	.01	.07	2.00	.71	4.87	1.00	4.80	.30	2.11	.12	.16	.07	16.22
1962	.20	.09	.20	.37	5.20	3.73	7.90	.52	.03	1.68	.29	.34	20.55
1963	.46	.07	.21	.40	1.89	2.06	4.13	4.01	2.03	1.05	.29	.32	16.97
1964	.00	.09	.12	1.95	1.65	2.19	.33	.40	.35	.45	T	T	7.59
1965	.17	.22	.24	.36	2.54	3.00	3.16	.94	2.42	1.61	T	.57	15.23
1966	.29	.13	T	1.45	.39	3.30	2.74	2.35	1.66	.53	.53	.05	13.42
1967	.19	.02	.20	1.62	5.34	4.22	2.56	.62	.40	.24	.54	.51	20.56
1968	.04	.22	.47	.51	4.65	.41	2.17	5.90	.16	.61	.30	.26	15.70
1969	.07	.04	.26	.63	4.62	3.18	1.81	2.18	1.52	4.21	.13	.19	18.84
1970	.15	T	.45	1.59	2.75	2.31	1.48	.02	.92	1.10	.46	.22	11.45

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				.0			3.5	4.0		7.0	.0	.0	
51-52	.0	.0	.0	.0						.0	.0	.0	
52-53	.0	.0	.0	.0		6.0	8.0	7.0	3.0	7.0	.0	T	
53-54	.0	.0	.0	.0		4.0		.0		6.0	5.0	T	
54-55	.0	.0	.0	T	.3	4.0				T	T	.0	
55-56	.0	.0	T	.0	3.0	1.0		3.3	5.5		.0	.0	
56-57	.0	.0	.0	.0		7.0	1.0				T	.0	
57-58	.0	.0	.0	T			1.0	4.5	18.8	3.0	.0	.0	
58-59	.0	.0	.0		3.0		7.0		13.0	1.0	.0	.0	
59-60	.0	.0	T		T	T		8.0	T	.0	.0	.0	
60-61	.0	.0	.0	.0								.0	
61-62	.0	.0	.0	.0						T	T	.0	
62-63	.0	.0	.0	.0			12.0	T		.0	.0	.0	
63-64	.0	.0	.0	.0			.0				.0	.0	
64-65	.0	.0	.0	.0	T	T	3.0	7.0	2.9	.0	.0	.0	12.8
65-66	.0	.0	.0	.0	T	10.0			T	4.0	T	.0	
66-67	.0	.0	.0	T	9.0	3.0		1.0	5.0			.0	
67-68	.0	.0	.0	.0	6.5		.0	1.0		T	.0	.0	
68-69	.0	.0	.0	.0			2.0	1.0		.0	.0	.0	
69-70	.0	.0	.0		.0		T	.0			.0	.0	

STERLING

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.2	42.9	48.6	56.3	72.2	74.5	85.3	86.0	74.4	63.9	50.8	38.1	61.2
1952	43.4	46.6	43.7	63.4	71.5	81.7	89.6	87.3	82.3	70.2	45.8	32.5	63.8
1953	44.3	44.7	59.2	55.6	68.2	85.5	93.9	87.5	84.5	72.2	53.8	43.4	65.5
1954	41.1	59.5	47.6	69.8	68.9	85.8	93.3	89.4	84.2	64.4	59.2	46.6	67.5
1955	33.8	38.2	51.9	66.3	74.7	76.3	91.2	91.0	83.1	70.2	44.5	39.9	63.2
1956	43.4	36.6	52.5	60.3	73.2	88.9	88.6	85.2	80.2	72.1	44.1	42.6	64.0
1957	35.0	52.3	49.0	53.2	67.2	80.1	89.7	87.9	75.6	61.0	46.9	51.4	62.5
1958	46.6	45.7	37.5	55.8	75.7	81.5	84.5	89.1	83.4	67.1	52.4	40.4	63.1
1959	38.4	37.1	43.9	53.9	69.9	84.2	89.3	83.7	76.3	59.3	48.5	48.2	62.9
1960	33.0	32.1	46.5	65.7	71.2	80.8	90.2	90.4	79.4	67.1	53.0	39.4	62.4
1961	43.0	47.5	48.7	57.7	68.9	84.1	88.5	87.6	71.2	65.0	47.5	38.9M	62.6*
1962	31.1	45.4	49.1M	66.6	75.8	80.5	87.3	83.7	76.7	63.3	55.5	44.3	64.1*
1963	27.1	49.8	53.0	66.9	78.3	87.2	93.7	85.8	73.5	74.0	55.2	37.2	65.7
1964	45.3	39.6	45.5	60.6	75.5M	80.0	94.2	85.9	73.1M	69.5	54.4	43.5	64.4*
1965	47.1	41.0	39.9	65.4	72.7	78.2	88.5	84.2	64.2M	69.1	57.2	43.0	62.5*
1966	33.1	34.4	55.6	59.4	75.3	81.1	90.7	83.2	76.7	55.3	50.9	42.0	62.3
1967	44.6	48.4	57.8	65.1	64.7	74.6	86.9	87.0	75.3	68.6	51.2	35.3	63.3
1968	37.4	46.8	56.4	58.6	66.7	85.2	87.8	83.5	76.8	63.3	49.8	37.3	62.9
1969	39.5	47.0	43.7	66.6	74.5	75.9	89.6	88.3	73.8	51.1	51.6	44.3	62.6
1970	40.7	52.5	45.0	57.5	76.2	82.1	89.5	90.5	75.2	59.8	49.4	43.6	63.5

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	10.5	13.4	18.4	29.5	44.4	48.5	53.2	57.6	44.4	33.8	19.0	11.1	32.0
1952	12.7	16.2	19.6	33.2	42.4	54.6	63.0	56.3	45.3	32.2	17.8	10.5	33.4
1953	18.5	13.4	27.2	29.5	41.9	55.3	62.6	57.5	45.8	36.8	25.3	14.5	35.9
1954	13.8	22.7	19.3	34.6	42.4	53.1	60.8	55.9	48.1	33.1	23.1	12.3	34.9
1955	5.2	9.2	17.5	32.4	44.8	51.2	59.5	59.6	47.7	35.2	18.6	15.6	33.0
1956	16.0	10.1	21.5	29.7	45.7	54.7	55.9	51.0	34.6	29.5	21.2	19.9	32.9
1957	7.0	19.3	22.8	31.4	42.2	51.6	53.2	56.3	40.8	38.3	21.3	18.4	34.0
1958	11.0	19.7	18.2	33.1	48.7	54.3	55.5	56.5	47.5	33.4	20.6	15.8	34.4
1959	10.5	14.5	23.3	32.1	45.2	55.8	55.5	55.7	43.9	31.9	19.7	19.6	34.0
1960	8.7	12.9	22.6	36.3	42.7	53.0	55.0	53.4	44.3	34.1	21.8	12.6	33.1
1961	11.4	19.0	25.2	29.4	41.5	51.1	56.1	57.8	42.8	33.4	20.4	9.9M	33.2*
1962	2.9	15.6	20.0M	34.3	44.9	51.7	56.8	52.3	44.0	34.5	24.1	15.5	33.1*
1963	.5	23.3	25.6	35.2	46.4	55.7	60.0	57.5	50.3	38.4	22.9	16.2	35.5
1964	14.9	12.8	19.1	33.6	44.8	50.4	59.2	52.7	43.0M	31.5	21.9	10.4	32.8*
1965	14.8	9.4	11.4	34.4	42.4	52.7	58.5	53.2	40.3M	36.4	26.8	16.5	33.1*
1966	5.9	11.1	24.5	29.9	42.6	52.4	62.1	54.3	47.5	31.5	23.6	13.9	33.3
1967	15.5	17.6	25.2	34.2	40.7	51.8	58.8	54.5	46.1	33.2	21.4	10.0	34.1
1968	10.8	13.1	25.0	30.0	41.7	55.4	59.1	54.9	43.9	34.6	22.7	13.6	34.0
1969	13.2	19.9	18.9	37.4	47.3	50.9	60.4	60.2	50.7	31.1	25.0	19.8	36.1
1970	13.5	19.0	21.2	30.7	45.9	52.8	59.7	53.3	43.9	32.2	24.8	14.2	34.8

STERLING

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	25.9	28.2	33.5	42.9	58.3	61.5	69.3	71.8	59.4	48.9	34.9	24.0	46.6
1952	28.1	31.4	31.7	48.3	57.0	71.7	74.8	72.1	63.8	51.2	31.8	21.5	48.6
1953	31.4	31.6	43.2	42.6	55.1	70.4	75.3	72.5	65.2	54.5	39.6	27.5	50.7
1954	27.5	41.1	33.5	52.2	55.7	69.5	77.1	72.7	66.2	48.8	41.2	29.5	51.3
1955	19.5	23.7	34.7	49.4	59.8	63.8	75.4	75.3	63.9	52.7	31.6	27.8	48.1
1956	29.7	23.4	37.0	45.0	59.5	71.8	72.3	64.1	59.9	50.8	32.7	31.3	48.5
1957	21.0	36.1	35.9	42.3	54.7	65.9	74.0	72.1	55.2	49.7	34.1	34.9	48.2
1958	28.8	32.2	27.9	44.5	62.2	67.9	70.0	72.8	64.0	50.3	36.5	28.1	48.8
1959	24.5	25.8	36.1	46.0	57.6	72.0	72.7	72.7	60.1	45.9	34.1	33.9	48.5
1960	20.9	22.5	34.6	51.0	57.0	66.9	72.6	71.9	61.9	50.6	37.4	26.0	47.8
1961	27.2	34.3	37.0	43.6	55.2	67.6	72.3	72.7	57.0	49.2	34.0	24.4M	47.9*
1962	17.0	30.5	34.6M	50.5	60.4	66.2	72.1	70.5	60.4	51.4	39.8	29.9	48.6*
1963	13.3	36.6	39.3	51.1	62.4	71.5	76.9	71.7	65.2	50.2	39.1	23.7	50.6
1964	29.7	26.2	32.3	47.1	60.2M	65.2	76.7	69.3	61.1M	50.5	38.2	27.3	48.6*
1965	31.0	25.2	25.7	49.9	57.6	65.5	73.5	68.7	52.3M	52.8	42.0	29.5	47.8*
1966	19.5	22.8	40.1	44.7	55.0	65.8	76.4	68.8	62.1	48.4	37.3	28.3	47.8
1967	30.1	33.0	41.5	49.7	52.7	63.2	72.9	73.8	60.7	50.9	36.3	22.3	48.7
1968	24.1	33.0	40.7	44.3	54.2	70.3	73.5	69.2	60.4	51.5	36.3	24.3	48.5
1969	26.4	33.5	31.3	52.0	60.9	63.4	75.0	74.2	65.3	41.1	38.3	31.4	49.4
1970	27.1	35.8	33.1	44.1	61.1	67.5	74.6	74.9	59.6	46.0	37.1	28.9	49.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

STONINGTON

05 7992 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)														
	YEARS			EXTREMES					MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS										
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN		MAX. DEPTH ON GROUND		YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW					MEAN	MAX.	MEAN	MAX.					
JAN													.35	.96	1951	14	4.1	10.	1951	14	1.1	0.0	0.0			
FEB													.28	.45	1951	25	2.1	5.	1956	2	.9	0.0	0.0			
MAR													.53	1.20	1962	24	3.4	7.	1969	14	1.4	.3	.1			
APR													.96	2.32	1955	13	.2	0.	0	0	2.1	.5	.2			
MAY													2.17	1.95	1955	20	0.0	0.	0	0	4.4	1.3	.6			
JUN													2.25	1.91	1967	16	0.0	0.	0	0	4.8	1.9	.6			
JUL													2.72	2.60	1966	23	0.0	0.	0	0	4.7	1.9	1.0			
AUG													2.06	2.31	1968	10	0.0	0.	0	0	4.0	1.4	.5			
SEP													1.28	2.00	1965	20	0.0	0.	0	0	2.5	.9	.4			
OCT													.91	4.56	1965	17	.3	0.	0	0	1.6	.6	.2			
NOV													.42	1.21	1953	6	2.0	4.	1953	22	1.0	.2	0.0			
DEC													.25	.50	1965	10	2.9	4.	1968	18	1.3	0.0	0.0			
ANNUAL													14.2				15.				30.	9.	4.			

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.38	0.00	.29	.52	0.00	0.00	0.00	0.00	6.26
.10	0.00	0.00	.04	.04	.57	.52	.50	.71	0.00	0.00	0.00	0.00	9.72
.20	.03	.09	.11	.15	.89	.94	.87	1.01	.13	0.00	0.00	.06	10.72
.30	.10	.14	.13	.23	1.18	1.28	1.25	1.28	.30	.03	.12	.11	11.62
.40	.17	.19	.27	.43	1.49	1.66	1.81	1.54	.52	.13	.21	.15	12.61
.50	.24	.24	.37	.62	1.82	1.96	2.11	1.81	.78	.30	.31	.20	14.62
.60	.33	.29	.42	.85	2.19	2.35	2.55	2.22	1.11	.55	.42	.25	15.62
.70	.44	.36	.45	1.15	2.55	2.81	3.02	2.64	1.54	.93	.55	.31	17.60
.80	.59	.44	.55	1.53	3.02	3.41	3.72	3.06	2.15	1.52	.73	.40	19.52
.90	.84	.58	1.05	2.31	4.23	5.13	5.79	4.72	3.22	2.83	1.80	.54	21.52
.95	1.08	.72	1.59	3.06	5.16	6.26	7.19	6.42	4.31	3.83	1.30	.68	21.36
ALPHA	1.24	2.06	1.09	.92	1.98	2.40	1.43	2.75	.88	.55	1.53	1.63	12.39
BETA	.33	.15	.51	1.10	1.10	.99	1.90	.75	1.62	2.07	.35	.17	1.14
Q	.16	.11	.05	.05	0.00	.05	0.00	0.00	.11	.21	.21	.10	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA.
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

STONINGTON

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.59	.47	.51	.53	3.54	4.17	1.69	1.73	.15	.46	.52	.05	15.51
1952	.10	.28	.54	2.59	1.21	.00	.93	2.69	.71	.30	.34	.04	9.47
1953	T	.26	.50	.73	1.58	.73	2.81	3.27	.02	1.81	1.66	.36	13.33
1954	.21	.09	.15	.22	1.29	1.40	2.75	2.08	.11	1.60	.03	.12	10.05
1955	.05	.16	.06	2.72	5.34	.92	.95	2.18	1.71	.02	.12	.18	13.51
1956	.30	.10	.09	.02	1.46	1.75	5.18	2.33	.00	T	.34	.010	11.58*
1957												.00	
1958	.37	.65	1.76	3.05	5.00	2.05	6.75	1.50	1.38	.00	.60	.27	23.38
1959	.60	.40	.57	.60	3.31	1.72	4.35	1.00	T	3.10	.350	.34	15.54*
1960	.86	.57	.29	1.28	2.75	2.76	.28	.70	2.56	2.03	T	.74	14.82
1961	.08	.37	.26	.36	.38	2.15	2.19	2.17	1.96	.83	.79	.23	11.77
1962	.46	T	1.40	.72	2.15	3.45	2.45	.21	1.00	.99	.50	.11	12.54
1963	.10	.39	.64	.27	1.92	3.15	1.27	.86	1.24	.17	.00	.35	10.36
1964	.33	.66	.05	.21	3.25	1.09	.76	.55	.11	.02	1.14	.26	8.43
1965	.45	.16	.08	T	1.57	5.00	4.84	3.05	4.38	4.93	.00	.73	25.16
1966	.81	.44	.00	.15	.18	2.17	4.66	2.86	2.27	.04	.00	.45	14.03
1967	.21	.03	.07	1.54	1.99	6.04	3.60	2.74	1.23	.05	.18	.24E	17.92*
1968	T	.16	1.17	.05	1.56	1.40	2.49	3.35	.17	T	.25	.30	10.90
1969	.05	.13	1.02	1.46	2.29	3.04	1.14	3.63	2.83	1.51	.26	.18	17.59
1970	.00	T	.86	1.57	.42	.71	3.73	2.15	2.44	.55	.97	.60	13.37

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.6	.0		T	.0	.5	
51-52	.0	.0	.0	.0	3.0		2.0	2.0	6.2		T	.0	
52-53	.0	.0	.0	.0	6.0	1.0	T	4.5	T	.0	T	.0	11.5
53-54	T	.0	.0	T	5.0	2.0	4.5	T	.0	.0	T	T	11.5
54-55	.0	.0	.0	T	.0	2.5	.5	2.5	1.0		.0	.0	
55-56	.0	.0	.0	T	1.5	2.0	5.0	2.0	2.5	T	.0	.0	13.0
56-57	.0	.0	.0	.0									
57-58						.0		.0		.0	.0	.0	
58-59	.0	.0	.0	.0					.3	.0	.0	.0	
59-60	.0	.0	.0	.0		3.0	11.0	12.0	4.0	.0	.0	.3	
60-61	.0	.0	.0	T	T	6.3	1.0	6.0	2.3	T	.0	.3	15.0
61-62	.0	.0	.0	.0	6.0	2.0	2.0	.5	1.0	T	.0	.0	13.5
62-63	.0	.0	.0	.0	5.0	1.0	2.0	1.0	T	.0	.0	.0	9.0
63-64	.0	.0	.0	.0	.0	5.5	4.0		2.5	1.0	.0	.0	
64-65	.0	.0	.0	.0	T	4.0	3.5	2.0	2.5	.0	.0	.0	12.0
65-66	.0	.0	.0	.0	.0	3.0	10.3	.3	.3	.0	.0	.0	13.3
66-67	.0	.0	.0	.0	.0	7.0	7.5	1.0	.5	.0	.0	.0	16.0
67-68	.0	.0	.0	T	.8		T	1.3	7.3	.3	.0	.0	
68-69	.0	.0	.0	.0	.0	5.3	1.0	.0	17.8	T	.0	.0	23.8
69-70	.0	.0	.0	2.0	T	T	.3	.5	10.0	2.0	.0	.0	14.5

CLIMATOLOGY REPORT NO. 77-1

STRATTON 3NE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	45.9	15.5	29.7	77.	1951	26	-22.	1963	12	0.0	6.0	30.0	4.2	.35	.56	1962	8	4.8	13.	1960	18	1.3	.1	0.0
FEB	47.3	19.0	33.2	80.	1962	11	-21.	1951	1	0.0	3.6	26.5	1.4	.39	.50	1960	4	4.0	17.	1960	29	1.2	.1	0.0
MAR	51.6	22.7	37.2	85.	1963	28	-19.	1960	3	0.0	2.8	27.0	.9	.79	.85	1952	21	7.5	22.	1960	5	2.6	.2	0.0
APR	64.2	33.5	48.9	88.	1962	20	10.	1968	4	0.0	0.0	13.3	0.0	1.23	1.30	1969	4	3.2	8.	1953	11	3.0	.4	.1
MAY	74.3	44.6	59.5	96.	1967	24	21.	1967	1	2.3	0.0	1.8	0.0	2.43	1.93	1962	16	.3	5.	1954	2	4.8	1.6	.6
JUN	85.0	53.7	69.4	106.	1954	23	30.	1951	2	11.3	0.0	0.0	0.0	2.36	1.95	1965	17	0.0	0.	0	0	5.3	1.5	.5
JUL	90.7	60.1	75.6	108.	1954	10	38.	1969	6	19.0	0.0	0.0	0.0	2.47	1.87	1969	6	0.0	0.	0	0	4.5	1.7	.6
AUG	89.2	58.2	73.7	105.	1969	8	38.	1969	23	17.1	0.0	0.0	0.0	2.30	8.00	1969	23	0.0	0.	0	0	4.5	1.5	.5
SEP	80.3	48.7	64.6	100.	1960	2	28.	1961	30	6.0	0.0	.6	0.0	1.34	1.85	1962	15	.1	0.	0	0	3.1	.8	.3
OCT	69.1	37.3	53.2	92.	1954	2	12.	1959	31	.4	.1	8.2	0.0	1.04	1.45	1955	4	1.7	5.	1969	30	2.5	.7	.2
NOV	53.5	25.0	39.2	81.	1955	4	-6.	1955	16	0.0	2.3	25.1	.4	.59	.79	1953	20	3.0	6.	1961	12	1.6	.2	0.0
DEC	45.2	17.9	31.6	81.	1955	24	-19.	1961	12	0.0	4.4	30.0	1.4	.35	.80	1953	3	5.1	6.	1961	11	1.1	0.0	0.0
ANNUAL	66.2	36.2	51.2							56.	19.	163.	8.	15.6				31.				35.	9.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.17	.10	.86	.25	.19	.32	0.00	.10	0.00	0.00	0.05
.10	0.00	0.00	.25	.18	1.08	.43	.35	.51	.19	.18	0.00	.05	10.22
.20	0.00	.06	.36	.35	1.42	.75	.67	.84	.41	.32	.12	.11	11.79
.30	.13	.12	.47	.52	1.70	1.08	1.01	1.16	.62	.47	.22	.16	13.01
.40	.25	.18	.57	.70	1.97	1.44	1.38	1.50	.83	.62	.32	.22	14.12
.50	.41	.26	.69	.92	2.24	1.84	1.82	1.86	1.07	.80	.48	.28	15.21
.60	.55	.35	.81	1.17	2.54	2.30	2.34	2.29	1.34	1.01	.57	.38	16.36
.70	.68	.48	1.00	1.49	2.84	2.59	2.63	2.51	1.57	1.27	.74	.53	17.55
.80	.85	.65	1.18	1.84	3.14	2.89	2.91	2.81	1.84	1.53	.97	.65	18.84
.90	.93	.95	1.48	2.68	3.03	3.00	3.45	4.66	2.65	2.23	1.36	.74	21.60
.95	.90	1.24	1.79	3.42	4.67	3.29	4.97	5.76	3.56	2.81	1.74	.92	23.69
ALPHA	2.16	1.06	2.38	1.74	4.17	1.41	1.18	1.69	1.59	1.36	1.31	1.59	12.12
BETA	.19	.41	.33	.99	.58	1.68	2.08	1.36	.89	.77	.50	.23	1.29
Q	.20	.10	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.10	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.25	.67	.32	1.68	2.32	6.19	3.47	.75	1.13	.34	1.07	.16	18.85
1952	.13	.70	1.68	2.55	2.02	.20	1.64	2.00	2.03	.26	1.21	.58	15.00
1953	.20	.41	.55	3.60	1.94	.37	1.49	.98	1	1.09	1.69	1.16	13.48
1954	.37	T	.46	.14	1.57	.54	.30	2.46	.12	1.02	.02	.53	7.53
1955	.28	.62	.50	1.30	1.60	3.39	.14	1.36	.75	1.86	.43	.29	12.58
1956	.75	.41	.83	.25	1.48	.65	2.03	.92	.56	.66	1.88	.43	10.82
1957	.37	.06	1.36	2.86	6.24	2.83	5.49	3.78	1.08	1.05	.24	.23	29.59
1958	.43	.35	1.04	1.70	4.08	1.31	4.73	1.81	1.33	.87	.26	.46	16.37
1959	.50	.18	1.73	.37	2.18	2.20	.35	2.33	1.58	1.77	.04	.35	14.58
1960	1.10	2.14	.65	1.18	2.43	2.28	1.90	.10	.45	2.11	.31	.86	15.51
1961	T	.17	1.12	.86	3.52	2.73	2.30	1.96	1.32	.51	1.06	.20	15.77
1962	.76	.09	.38	.33	2.54	3.92	1.33	2.21	1.99	.52	.61	.03	15.31
1963	.38	.19	2.02	.16	1.63	.98	4.73	1.11	2.95	.24	.37	.35	15.11
1964	T	.62	.58	1.33	2.89	1.25	.05	.49	.56	.02	.34	.03	8.16
1965	.41	.87	.27	.04	1.37	8.48	1.38	4.41	3.31	1.10	T	.44	22.08
1966	.44	.19	.52	1.16	.56	2.08	3.32	2.80	3.81	.65	T	.11	15.64
1967	.18	.02	.10	.63	3.86	3.25	2.57	1.99	2.62	.56	.50	.38	16.76
1968	.03	.07	.46	1.14	1.79	.61	6.74	2.48	.25	.17	.55	.29	14.58
1969	T	.12	.44	2.28	2.44	.73	3.40	9.43	.34	3.62	.62	.10	23.52
1970	.00	.00	.87	.91	1.21	3.31	1.40	2.58	.70	1.95	.55	T	13.48

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							6.7	6.7	3.0	9.5	.0	T	
51-52	T	.0	2.0	T	8.3		1.0			5.0	T	.0	
52-53	.0	.0	.0	.9				5.0	6.0	9.5	T	.0	
53-54	.0	.0	.0	.0	1.8	18.5	4.0	T		.9	6.0	.0	
54-55	.0	.0	.0	T	.5	6.5	4.5	8.1	7.5	T	.0	T	27.1
55-56	.0	.0	.0	T	2.2	3.0	10.8	2.4	10.5	2.5	.0	.0	31.4
56-57	.0	.0	.0	5.0		5.0	4.8		10.5	4.0	.0	.0	
57-58	.0	.0	T	.1	T	.5	5.0	1.0	8.0	7.0	.0	.0	21.6
58-59	.0	.0	.0	T			6.0				.0	.0	
59-60	.0	.0	T		T	3.0	15.0	27.0	10.0	T	.0	.0	
60-61	.0	.0	.0		4.0	11.8	T	1.0		5.0	.0	.0	
61-62	.0	.0	.0	.0	11.0	6.0	13.5		.0	.0	.0	.0	
62-63	.0	.0	.0	.0	7.0	1.0		3.0	19.1	.0	.0	.0	
63-64	.0	.0	.0	T	3.0	5.8	T	3.0		8.0	.0	.0	
64-65	.0	.0	.0	.0	2.0	2.0	4.5		4.0	.0	.0	.0	
65-66	.0	.0	T	.0	T		8.0	3.0	.5	3.0	.0	.0	
66-67	.0	.0	.0	6.0	.0			T		.0	.0	.0	
67-68	.0	.0	.0	.0	8.0		T	3.0	4.0	T	T	.0	
68-69	.0	.0	.0	.0	.0		T	3.0	3.0	.0	.0	.0	
69-70	.0	.0	.0	10.0	3.5	3.0	.0	.0	14.0	7.0	.0	.0	37.5

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.1	49.6	51.5	60.4	74.6	75.6	85.5	89.0	79.0	67.4	52.4	42.9	64.2*
1952	48.2	49.1	48.0	53.4	72.5	93.2	92.1	83.8	84.1	72.0	48.6	42.6	67.0
1953	53.1	48.6	59.9	59.4	69.6	90.1	91.1	81.9	85.5	75.5	55.9	41.4	68.2
1954	45.5	59.7	49.3	72.9	70.9	90.8	97.0	91.7	87.5	65.0	59.7	51.3	70.4
1955	41.6	41.9	54.2	68.6	75.4	79.7	95.8	92.1	82.0	74.9	51.9	48.0	67.2
1956	46.5	44.1	57.9	62.8	77.9	93.6	90.4	83.7	86.4	70.0	48.4M	49.5	69.6*
1957	37.6	53.5	49.4	56.6	66.7	82.9	91.2	89.1	79.5	63.9	50.4	53.7	64.6
1958	49.4	48.4	40.0	58.9	78.2	85.2	85.0	90.1M	82.1	69.5	56.1	46.5M	65.8*
1959	43.0	42.6	53.3	62.6	71.2	87.3	90.8	91.1	78.2	62.5	50.7	46.3	65.2
1960	36.7	29.7	44.2	66.7	73.0	82.6	88.9	92.7	82.3	68.1	55.2	40.5	63.4
1961	44.6	49.9	52.4	60.1	70.9	84.9	88.9	89.2M	73.2	69.9	48.2	38.5	64.2*
1962	36.5	49.7	51.9	67.8	79.6	81.9	88.9	91.4	77.3	73.8	55.8	49.1	66.7
1963	33.5	52.7	54.6	68.5	78.2	89.4	93.7	89.7M	82.0	76.0	59.1	33.5	68.1*
1964	47.6	39.9	49.2	62.2	76.9	83.4	95.5	90.7M	81.1	71.0	53.2	47.1	66.5*
1965	51.0	45.7	43.8	69.7	78.1	79.2	89.2M	84.5	68.6	71.7	59.6	49.4	65.9*
1966	35.5	39.4	59.6	61.9	79.6	85.6	93.2	83.6M	77.7	68.0	56.1	43.0	65.2*
1967	48.9	52.2	62.3	68.8	70.8	80.6	86.9	85.2	74.4	71.5	51.1	38.9	66.3
1968	44.9	49.2	58.4	63.4	69.1	89.4	87.1	84.4	81.2	72.1	50.5	41.9	66.0
1969	46.3	47.4	45.1	67.0	74.5	81.5	92.0	89.7	80.0	54.8	52.8	43.7	64.6
1970	44.6	53.8	47.4	61.7	78.9	83.8	91.3	92.2	79.4	60.2	53.5	48.2	66.3

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.2	20.4	20.7	30.7	45.0	49.6	59.2	57.7	46.2	35.5	22.7	15.2	34.8
1952	18.1	18.4	20.8	35.0	44.2	58.6	59.7	60.0	50.3	35.9	22.8	19.0	36.9
1953	23.9	18.3	28.3	30.7	41.5	57.6	61.6	59.4	51.1	39.8	29.8	18.7	38.4
1954	29.6	28.4	22.1	37.7	43.5	54.7	64.1	59.5	53.7	37.5	29.2	20.4	39.3
1955	17.0	15.6	21.0	36.5	46.8	51.4	62.8	60.8	50.7	39.0	21.0	19.7	36.9
1956	19.1	15.8	25.2	30.5	47.8	59.6	59.5	57.1	50.2	40.4	22.8M	22.6	37.6*
1957	10.8	24.1	25.0	32.1	41.9	52.4	61.2	59.7	45.2	40.2	25.2	23.3	36.7
1958	18.5	22.0	20.5	32.2	47.8	55.6M	64.4	59.5M	50.8	34.8	23.2	18.3	36.7
1959	13.6	16.7	22.3	29.3	42.9	54.0	56.0	58.9	45.5	32.3	19.8	18.5	34.2
1960	10.0	8.1	20.4	36.1	40.9	50.5	55.9	56.5	47.3	37.9	23.7	16.0	33.6
1961	15.5	19.5	24.9	29.0	41.2	50.3	56.6	57.2M	42.3	33.0	20.8	13.1	33.5*
1962	9.6	20.0	19.9	33.6	46.5	51.3	54.2	54.9	47.5	36.3	27.3	18.7	35.1
1963	1.8	22.9	26.9	34.7M	46.5	56.2	61.0	59.5M	53.9	43.5	26.1	13.0	37.2*
1964	16.9	15.8	20.5	32.5M	43.6	51.2	62.0	57.2M	47.9	35.1	26.6	16.9	35.5*
1965	21.6	15.7	15.1	36.5	46.5	54.2	60.1M	55.3	43.6	41.5	29.4	21.2	36.7*
1966	4.7	16.5	29.0	34.8	45.4	54.8	64.1	58.5M	52.1	36.5	26.8	16.6	36.9*
1967	22.2	19.9	27.1	37.9	44.5	54.2	60.2	56.9	49.3	38.8	25.1	15.3	37.6
1968	18.8	20.1	26.7	31.4	41.9	56.3	60.3	56.6	47.6	35.0	25.0	13.4	36.4
1969	16.0	21.1	19.1	38.9	48.0	50.8	60.5	60.1	53.2	33.9	26.2	21.2	37.4
1970	14.5	19.8	19.0	30.6	45.2	51.3	59.6	59.9	46.3	33.9	25.8	17.1	35.1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.2	35.0	36.1	45.6	59.3M	62.6	72.4	73.4	62.6	51.5	37.6	29.1	49.5*
1952	33.2	33.8	34.4	49.2	58.4	75.9	75.9	74.9	67.2	54.0	35.7	30.8	52.0
1953	38.5	33.5	44.1	45.1	55.6	73.9	76.4	74.2	63.8	56.7	42.9	30.1	53.3
1954	33.1	44.1	35.7	55.3	57.2	72.8	80.5	75.6	70.6	52.8	44.5	35.3	54.9
1955	29.3	28.8	37.6	52.6	61.1	65.6	79.3	76.5	66.4	57.2	36.5	33.3	52.1
1956	32.8	30.0	41.6	46.7	62.9	76.6	75.0	73.4	68.5	58.2	35.6M	36.1	53.1*
1957	24.2	38.8	37.4	44.4	54.3	67.6	76.2	73.9	62.4	52.1	37.8	38.5	50.6
1958	34.0	35.2	30.3	45.6	63.0	70.4M		74.8M	65.5	52.2	39.7	32.5M	
1959	28.3	29.7	37.8	46.0	57.1	70.7	73.4	75.0	61.9	47.4	35.3	33.7	49.7
1960	23.4	18.9	32.3	51.4	57.0	66.6	72.4	74.6	64.8	53.0	39.5	28.3	48.5
1961	30.1	34.7	38.7	44.1	56.1	67.6	72.3	73.2M	57.8	51.5	34.5	25.3	48.9*
1962	22.6	34.9	35.9	50.7	63.2	66.6	73.6	73.2	62.4	53.8	41.6	33.9	51.0
1963	17.7	37.8	40.8	51.6M	62.4	72.8	77.4	74.6M	68.0	59.8	42.6	26.3	52.7*
1964	32.3	27.9	34.9	47.4M	60.3	67.3	78.8	74.0M	64.5	53.1	39.9	32.0	51.0*
1965	36.3	30.7	29.5	53.1	62.3	66.7	74.7M	69.9	56.1	56.6	44.5	35.3	51.3*
1966	22.1	27.5	43.8	48.4	62.5	70.2	78.7	71.1M	64.9	52.3	41.5	29.8	51.1*
1967	35.6	36.1	44.7	53.4	57.7	67.4	73.6	71.1	63.9	55.2	38.1	27.1	52.0
1968	31.9	34.7	42.6	47.4	55.5	72.9	73.7	70.2	64.4	55.6	37.8	27.7	51.2
1969	31.2	34.3	32.1	53.0	61.3	66.2	76.3	74.9	65.6	44.4	39.5	32.5	51.6
1970	29.6	36.8	33.2	46.2	62.1	67.6	75.5	76.1	62.9	47.1	39.7	32.7	50.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

SUGARLOAF RESEVOIR

05 8064 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAN'S			EXTREMES						MEAN NO OF DAYS		SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE			
										90 OR ABOVE	32 OR BELOW													
JAN.	25.1	-3.2	13.0	50.	1956	5	-55.	1962	10	0.0	20.0	31.0	17.9	1.87	.95	1962	7		52.	1962	21	6.5	.8	0.0
FEB	29.9	-3.7	13.1	53.	1963	6	-49.	1962	28	0.0	17.8	28.3	16.5	1.90	.87	1959	4		52.	1962	25	7.2	.7	0.0
MAR	34.1	1.9	18.0	55.	1956	24	-44.	1965	3	0.0	12.9	30.9	13.1	1.89	.79	1955	10		59.	1965	28	6.9	.4	0.0
APR	42.3	15.2	28.8	60.	1959	30	-22.	1959	12	0.0	3.6	29.8	2.3	1.63	1.32	1957	2		64.	1957	7	5.9	.2	.1
MAY	52.6	25.1	38.7	79.	1955	15	-3.	1962	1	0.0	.2	28.4	.1	1.23	.90	1957	15	.7	28.	1957	1	4.1	.1	0.0
JUN.	63.4	33.2	48.3	85.	1954	23	20.	1955	2	0.0	0.0	12.6	0.0	.91	1.24	1963	16	0.0	0.	0	0	2.9	.1	.1
JUL	69.9	39.1	54.5	80.	1964	10	25.	1962	15	0.0	0.0	1.6	0.0	1.92	1.05	1959	25	0.0	0.	0	0	6.0	.7	.1
AUG	67.2	37.8	52.5	80.	1958	8	23.	1964	28	0.0	0.0	3.5	0.0	1.93	1.02	1963	5	0.0	0.	0	0	7.1	.6	.1
SEP	61.6	31.2	46.4	76.	1960	5	8.	1961	25	0.0	.1	17.9	0.0	1.25	1.43	1959	29	0.0	24.	1959	29	4.0	.2	.1
OCT	52.4	24.5	38.5	69.	1963	14	5.	1962	30	0.0	1.3	29.2	0.0	1.07	.96	1963	20	0.0	26.	1959	1	3.9	.6	0.0
NOV	38.4	11.7	25.1	58.	1964	5	-32.	1951	15	0.0	7.9	30.0	4.9	1.22	.60	1954	30	13.9	20.	1954	30	4.2	.1	0.0
DEC	32.7	.1	15.4	53.	1965	4	-45.	1964	30	0.0	17.9	31.0	16.1	1.90	1.50	1951	30		44.	1964	28	5.9	.6	.1
ANNUAL	47.8	18.0	32.9							0.	82.	274.	71.	18.7								65.	5.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.33	.71	.79	.45	.39	.15	.88	.46	.13	0.00	.42	.45	13.53
.10	.49	.89	.96	.60	.50	.23	1.05	.84	.22	.44	.53	.63	14.53
.20	.76	1.14	1.21	.84	.68	.36	1.28	1.11	.39	.65	.70	.91	15.04
.30	1.02	1.35	1.41	1.04	.82	.49	1.47	1.11	.57	.78	.84	1.16	16.97
.40	1.28	1.56	1.61	1.24	.97	.61	1.65	1.11	.76	.91	.98	1.40	17.88
.50	1.55	1.76	1.81	1.45	1.11	.76	1.82	1.11	.97	1.03	1.12	1.67	18.76
.60	1.81	1.99	2.04	1.65	1.28	.92	2.01	1.11	1.22	1.16	1.27	1.96	19.67
.70	2.08	2.25	2.30	1.84	1.47	1.11	2.20	1.11	1.53	1.31	1.45	2.31	20.68
.80	2.31	2.58	2.63	2.08	1.71	1.37	2.33	1.11	1.79	1.50	1.65	2.77	21.40
.90	2.65	2.99	3.04	2.33	2.08	1.60	2.51	1.11	2.05	1.79	1.94	3.04	22.67
.95	4.46	3.56	3.38	3.41	2.45	2.20	3.28	3.74	3.34	2.05	2.37	4.18	25.20
ALPHA	1.97	4.57	5.57	3.02	3.57	1.88	6.66	3.99	1.40	5.20	3.99	2.58	28.40
BETA	.95	.42	.34	.54	.34	.48	.29	.46	.90	.22	.31	.74	6.67
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.66	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.4	9.4	18.1	24.4	33.7	42.5	53.7	51.6	46.0	37.0	19.7	8.1	29.7
1952	14.4	11.5	13.5	30.3	37.8	49.4	54.8	51.3	47.6	34.9	17.5	13.3	31.8
1953	20.0				38.0	50.3	55.1	51.7	46.1	37.9	28.7	11.8	
1954	21.8M			35.1M	43.3	50.4	57.1	53.0	48.5	40.8	29.9	15.2	
1955	10.5			28.2M	39.3	46.8	55.1	55.1	47.6	34.2	23.3	20.3	
1956	16.6	8.3	21.4M	31.0M		50.4M	53.0	50.4	48.6	35.8	17.9	15.2	
1957	12.1	20.6	21.5	26.4	36.4	47.4	54.0	53.3	45.2	38.4	20.6	16.1	32.7
1958	9.7	18.1	15.5	27.5	42.9	51.3	54.3	56.2	47.0	36.8	27.9	21.2	34.1
1959	14.9	14.2	17.4	28.0	39.7	52.0	54.3	53.7	44.2	34.6	25.8	19.2	33.2
1960	13.0	3.9	23.5	31.1	38.9	49.9	54.1	52.5	49.6	37.7	25.6	14.5	33.3
1961	12.7	14.9	21.4	27.4	38.6	49.4	53.3	53.5	41.2	35.1	20.1	10.7	31.5
1962	8.1	17.3	11.8	30.8	36.9	45.9	50.2	49.4	44.1	41.0	30.3	19.3	32.1
1963	10.9	13.1	18.0M	31.7	42.6	48.9	55.6	53.6	50.5	42.5	29.3	15.4	34.8*
1964	7.8	6.7	13.4	24.7	36.0	45.4	56.1	51.1	45.5	37.1	23.5	11.7	29.9
1965	15.4	11.8	12.3	26.4	36.3	46.9	54.8	51.4	42.8	40.3	29.9	16.4	32.2
1966	7.1	8.0	20.8	28.5	41.7	49.5	58.0	54.4	50.0	39.4	31.2	13.0	34.0
1967	14.9	13.7	24.8	28.9	36.5	45.3	53.5	50.3	45.6	37.5	25.3	11.4	32.3
1968	11.8	14.5	16.5M										
1969													
1970													

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TACOMA

05 8154 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MAY'S			EXTREMES				MEAN NO. OF DAYS					SNOW, SLEET				MEAN NO. OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.			MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN.																									
FEB																									
MAR																									
APR																									
MAY																									
JUN.																									
JUL																									
AUG																									
SEP																									
OCT																									
NOV																									
DEC																									
ANNUAL																									

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.26	.19	.21	.38	.20	0.00	.93	1.00	.38	0.00	.40	.33	14.22
.10	.41	.29	.34	.51	.31	.16	1.17	1.20	.54	0.00	.53	.51	13.75
.20	.68	.46	.55	.71	.47	.39	1.52	1.60	.84	.00	.74	.80	12.60
.30	.94	.62	.75	.89	.63	.56	1.81	2.03	.85	.00	.92	1.12	10.77
.40	1.22	.78	.97	1.06	.79	.73	2.04	2.35	1.15	1.36	1.09	1.44	10.02
.50	1.52	.97	1.20	1.24	.97	.92	2.38	2.68	1.48	1.74	1.27	1.78	9.02
.60	1.87	1.17	1.47	1.43	1.16	1.13	2.69	3.04	1.84	2.17	1.47	2.17	8.11
.70	2.30	1.42	1.80	1.67	1.41	1.39	3.05	3.46	2.38	2.67	1.71	2.66	7.43
.80	2.88	1.76	2.25	1.97	1.73	1.74	3.51	4.00	3.07	3.32	2.02	3.31	6.84
.90	3.83	2.31	3.00	2.45	2.24	2.30	4.22	4.84	4.22	4.35	2.50	4.36	5.40
.95	4.95	2.63	3.67	2.90	2.74	2.84	4.87	5.60	5.35	5.32	2.95	5.37	4.45
ALPHA	1.65	1.86	1.72	3.04	2.00	1.62	4.38	4.12	1.30	2.20	3.12	1.76	20.83
BETA	1.14	.63	.86	.46	.58	.65	.59	.71	1.51	1.09	.46	1.23	1.02
Q	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00	.15	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.83	.45	1.18	1.41	.71	T	1.54	3.72	.83	2.40	1.60	5.59	21.30
1952	3.29	.49	1.94	2.82	.55	1.59	1.49	1.84	1.68	T	1.54	.72	18.62
1953	1.18	.72	1.38	1.98	1.03	.97	2.19	1.51	.20	3.48	1.57	.81	17.02
1954	1.44	.15	1.79	.55	2.39	.54	4.29	1.35	3.07	1.84	.51	1.44	13.36
1955	1.52	1.98	.07	1.56	2.10	.47	2.12	3.24	.76	T	1.35	2.60	13.37
1956	2.81	1.01	.86	.86	.45	1.08	3.23	1.68	.19	1.92	.41	.92	15.42
1957	7.850	.94	1.23	2.22	3.11	1.07	5.53	3.78	.03	4.77	3.90	1.02	35.46*
1958	1.11	1.89	2.28	1.68	.46	.92	1.11	2.30	2.04	1.58	1.09	.22	17.28
1959	.22	2.14	.19	1.84	.85	1.87	2.54	3.79	2.14	3.06	.83	3.20	23.15
1960	1.63	1.66	1.52	1.58	.87	.69	1.73	.84	1.31	3.98	1.39	1.99	19.79
1961	.44	.58	3.89	1.47	.67	.12	1.04	4.46	2.92	3.38	1.29	1.24	21.50
1962	.99	2.38	1.13	.39	1.66	.37	.78	.35	2.65	3.06	1.76	1.49	17.61
1963	2.15	.87	1.16	.84	.42	.85	2.74	5.36	1.80	1.35	.65	.67	18.86
1964	.54	.62	1.81	1.52	.69	.36	1.76	2.73	2.46	T	2.31	2.82	17.62
1965	1.70	1.44	1.65	2.72	1.72	1.04	3.85	4.45	3.48	1.58	2.32	4.59	30.54
1966	.45	.94	.40	1.31	1.33	1.59	2.36	1.90	2.09	.42	1.71	4.53	19.08
1967	1.44	.24	.31	.19	.69	3.08	4.25	5.47	1.29	.21	.30	4.71	22.18
1968	1.61	1.19	1.00	1.23	2.04	.33	3.10	2.87	.63	1.14	.91	2.16	18.21
1969	4.16	3.43	2.30	.57	1.23	3.79	3.23	3.30	2.45	4.47	.93	.30	30.25
1970	.66	.21	3.41	.96	.06	1.63	3.00	2.71	5.97	1.42	1.42	2.20	23.55

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							28.1	9.0	21.0	8.0		.0	
51-52	T	.0	T	1.0	16.0	39.0	46.0	15.5	31.0	12.5	T	.0	161.0
52-53	T	.0	.0	T	27.0	18.0	16.0	10.5	22.0	21.0	T	T	114.5
53-54	.0	T	T		6.0	18.0	21.0	1.8	20.5	T	3.0	.0	
54-55	.0	.0	.0	T	T	15.5	37.0	50.5	2.0	T	.0	.0	105.0
55-56	T	.0	.0	.0	19.5	34.8	49.0	15.5	9.0	2.0	T	.0	129.8
56-57	.0	.0	.0	5.0	11.5	14.0		8.0	18.5	26.0	1.5	.0	
57-58	.0	.0	.0	.0	28.0	18.5	21.0	34.0	37.0	30.5	.0	.0	169.0
58-59	.0	.0	.0	T		6.0	5.5	41.5	2.5	T	.0	.0	
59-60	.0	.0	2.0	8.0	7.0	51.0	29.8	31.5	26.8		.0	.0	
60-61	.0	.0	.0		5.0	27.0	7.0	11.3	55.0	5.8	5.0	.0	
61-62	.0	.0	.0	10.5	22.5	26.0	15.5	35.0	25.5	T	T	.0	136.0
62-63	.0	.0	.0	.0	17.0	19.0	37.0	12.0	16.5	3.0	.0	.0	104.5
63-64	.0	.0	.0	.0	8.0	16.0	12.0	14.0	38.5		.5	T	
64-65	.0	.0	.0	.0	37.0	39.5	29.5	25.5	21.0	22.0	3.5	.0	178.0
65-66	.0	.0	.0	6.0	9.5	45.5	11.0	21.0	7.0	12.0	.0	.0	112.0
66-67	.0	.0	.0	.0	9.5	21.0	20.0	4.0	.5	.5	.0	.0	55.5
67-68	.0	.0	.0	.0	5.0	67.5	27.0	13.0	12.5	9.0	2.0	.0	142.0
68-69	.0	.0	.0	.0	3.0		77.5	53.0	31.3	.0	.0	.0	
69-70	.0	.0	.0		15.0	8.5	10.0	6.5	46.5	12.0	.0	.0	

CLIMATOLOGY REPORT NO. 77-1

TAYLOR PARK

05 8184 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN: NO OF DAYS			SNOW, SLEET				MEAN: NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	NO OF DAYS			
										90 OR ABOVE	52 OR BELOW	32 OR BELOW									0 OR BELOW	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	26.7	-9.6	8.6	54.	1953	24	-54.	1963	12	0.0	23.0	31.0	22.2	1.47	.95	1957	13	29.4	58.	1957	27	5.2	.9	0.0
FEB	31.2	-8.9	11.2	50.	1962	11	-60.	1951	1	0.0	15.9	28.2	20.4	1.15	.80	1963	2	21.4	62.	1965	1	5.2	.4	0.0
MAR	36.5	-1.7	17.5	59.	1967	24	-42.	1965	3	0.0	9.7	30.9	16.9	1.29	.80	1958	16	24.1	72.	1965	29	5.9	.2	0.0
APR	45.4	14.0	29.7	67.	1954	18	-27.	1957	8	0.0	1.8	29.8	3.6	1.26	.70	1960	12	19.4	71.	1957	7	5.4	.5	0.0
MAY	56.7	26.6	41.7	75.	1956	31	0.	1953	2	0.0	.1	27.3	.1	1.24	.80	1957	8	6.4	40.	1957	1	5.5	.4	0.0
JUN.	67.2	34.3	50.7	85.	1954	22	25.	1970	2	0.0	0.0	10.7	0.0	.97	1.30	1965	12	.1	2.	1969	26	3.8	.5	.1
JUL	72.0	41.3	56.7	81.	1966	10	27.	1968	1	0.0	0.0	.3	0.0	1.74	.75	1955	26	0.0	0.	0	0	6.8	.5	0.0
AUG	69.2	40.4	54.8	84.	1964	15	28.	1968	24	0.0	0.0	1.4	0.0	2.06	1.25	1968	6	0.0	0.	0	0	7.7	.8	.1
SEP	63.8	32.5	48.2	79.	1960	5	17.	1961	25	0.0	0.0	15.5	0.0	1.47	1.15	1970	13	.4	0.	0	0	5.2	1.0	.1
OCT	54.3	23.7	39.0	71.	1964	15	4.	1970	28	0.0	.3	28.4	0.0	1.14	1.25	1969	3	7.0	13.	1969	12	3.3	.8	.1
NOV	39.0	10.1	24.6	65.	1952	4	-27.	1952	27	0.0	7.3	29.9	6.3	1.17	.95	1965	24	17.3	24.	1965	27	4.8	.5	0.0
DEC	27.6	-5.8	10.9	57.	1966	1	-48.	1961	12	0.0	21.9	31.0	20.9	1.55	2.60	1966	6	26.0	63.	1964	28	5.7	.5	.1
ANNUAL	49.7	16.4	32.8							0.	80.	265.	91.	16.5				151.				64.	7.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.24	.24	.41	.39	.28	.09	.72	.60	.13	0.00	.48	.33	11.91
.10	.37	.34	.53	.51	.39	.15	.88	.80	.23	.16	.59	.47	12.81
.20	.58	.70	.71	.69	.57	.28	1.10	1.09	.42	.35	.74	.70	13.96
.30	.78	.82	.87	.84	.74	.42	1.29	1.35	.62	.53	.87	.90	14.83
.40	.90	.92	1.02	.99	.90	.57	1.46	1.50	.85	.71	.98	1.11	15.60
.50	1.22	1.07	1.17	1.14	1.06	.73	1.64	1.74	1.10	.90	1.10	1.33	16.34
.60	1.48	1.21	1.35	1.31	1.27	.93	1.83	1.94	1.40	1.13	1.23	1.54	17.11
.70	1.80	1.36	1.55	1.51	1.50	1.18	2.04	2.14	1.79	1.51	1.38	1.68	17.96
.80	2.23	1.56	1.81	1.77	1.75	1.52	2.32	2.41	2.31	1.79	1.57	1.88	18.99
.90	2.92	1.87	2.21	2.17	2.30	2.10	2.74	3.00	3.19	2.41	1.85	2.29	20.48
.95	3.58	2.14	2.59	2.54	2.76	2.66	3.12	4.23	4.06	3.01	2.11	3.51	21.77
ALPHA	1.87	4.67	3.56	3.51	2.45	1.29	5.44	3.76	1.26	1.60	5.38	2.32	30.16
BETA	.79	.25	.36	.36	.51	.75	.32	.63	1.16	.75	.22	.67	.55
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TAYLOR PARK

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.30	.90	.65	1.35	.65	.55	1.15	1.75	.50	.75	1.35	4.20	15.10
1952	1.95	.85	1.75	.65	.90	.50	2.20	2.05	1.20	T	1.10	.35	14.10
1953	1.49	.45	1.60	1.10	1.85	.75	2.40	2.15	.35	1.70	1.15	.75	15.44
1954	.85	.80	1.81	.75	1.70	.30	3.15	.70	1.45	.45	1.30	1.10	14.36
1955	1.06	1.27	1.36	.50	1.70	.60	2.55	4.55	.20	.85	1.65	1.40	17.69
1956	2.75	1.31	.85	2.20	1.05	1.50	.35	1.25	.50	1.50	1.00	.75	15.61
1957	4.65	1.40	1.30	2.50	3.05	1.15	2.55	2.15	.15	.95	1.35	1.50	22.70
1958	.55	1.40	1.85	1.40	.40	.10	.45	1.35	1.35	.25	.65	.70	10.45
1959	.50	2.00	.85	1.80	.70	1.05	1.45	1.85	4.05	1.50	.60	.45	16.40
1960	.50	2.40	1.25	1.55	1.00	.10	1.55	.30	.75	.95	1.45	.60	12.40
1961	.30	.95	2.10	2.00	1.20	.35	.89	1.67	4.20	3.00	1.65	1.00	19.31
1962	3.00	1.95	.35	1.75	1.10	.15	1.73	.80	1.10	.90	.75	1.65	14.65*
1963	1.25	2.65	.85	.40	.80	1.20	1.15	4.35	.75	1.65	.40	.80	15.25*
1964	.50	.55	2.35	1.35	1.10	.90	2.15	3.00	.85	.05	2.00	3.65	18.45
1965	1.45	1.05	2.75	1.40	1.15	1.95	2.65	2.40	1.80	.90	2.50	1.15	21.15
1966	.40	.85	.40	1.05	2.55	1.30	1.15	1.25	1.00	.95	1.90	4.95	16.85*
1967	2.15	.90	.85	.25	1.50	1.80	1.65	2.20	2.75	.20	.75	2.25	17.25
1968	.75	1.05	.50	1.50	.95	.10	2.20	3.60	1.15	.75	1.30	1.15	15.00
1969	3.45	1.00	.85	.55	1.40	3.60	1.70	1.90	1.50	3.85	.55	1.80	22.15
1970	.65	.30	1.60	1.20	.05	1.45	1.16	2.00	4.00	1.60	1.00	.80	15.81

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							24.0	17.0	12.0	12.0	.1	T	
51-52	.0	T	.0	5.5	23.5	75.0	31.0	17.0	47.0	4.0	T	.0	203.0
52-53	.0	T	.0	.0	21.1	20.0	38.0	11.0	30.0	23.0	17.0	.0	160.1
53-54	T	.0	T	14.0	17.0	15.0	17.0	14.0	30.0	2.0	9.0	.5	118.5
54-55	.0	.0	.0	1.0	14.0	16.0	22.0	22.0	29.0	11.0	6.0	.0	121.0
55-56	.0	.0	.0	8.0	23.0	28.0	37.0	25.0	18.0	23.0	4.0	.0	166.0
56-57	.0	.0	.0	15.0	22.0	16.0	83.0	20.0	27.5	52.0	17.0	2.0	254.5
57-58	.0	.0	T	1.0	23.0	29.0	12.0	27.0	38.0	28.0	3.0	.0	161.0
58-59	.0	.0	.0	1.0	16.5	14.0	11.0	40.0	16.0	26.0	2.5	T	121.0
59-60	.0	.0			9.8	7.5	8.5	47.5	23.0	20.5	6.0	.0	
60-61	.0	.0	T	3.5	20.5	12.0	6.5	15.5	37.5	28.0	17.0	.0	140.5
61-62	.0	.0			25.5	16.0	81.0	46.5	7.5	19.4	1.0	.0	
62-63	.0	.0	T	.5	2.5		30.0	7.0	14.5	8.0	T	T	
63-64	.0	.0	.0		T				47.1			.0	
64-65	.0	.0	T	T	26.3	55.8	28.0	15.3		10.4	12.5	T	
65-66	.0	.0	2.0	6.0	27.4	15.8	10.1	14.0	7.0		7.6	.0	
66-67	.0	.0	.0	2.0	14.3		39.1	16.0	15.0			.0	
67-68	.0	.0	.0	1.0	14.5	47.0	15.5	24.0	14.1	25.0		T	
68-69	.0	T	T	4.5	21.0	23.0	51.5	17.5	13.5	4.5		.0	
69-70	.0	.0	.0	43.0		36.5	12.5	10.5	32.0	32.5	T	.0	

TAYLOR PARK

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.3	34.0	36.1	44.4	56.9	64.3	74.7	67.9	66.7	50.9	31.6	24.7	48.2
1952	23.6	28.3	31.0	47.6	55.0	70.7	71.8	69.0	65.0	59.4	35.6	23.1	48.3
1953	32.0	30.4	39.0	41.9	51.6	70.0	72.3	68.5	66.6	55.0	42.1	29.0	49.9
1954	31.3	37.6	36.1	52.9	60.0	69.3	71.4	70.4	64.4	57.2	45.7	24.5	51.7
1955	23.3	26.6	35.3	44.7	56.5	65.3	72.6	69.1	66.8	56.5	35.3	28.8	48.4
1956	28.1	26.1	39.5	44.2	60.8	72.0	71.8	67.2	69.1	54.6	34.3	26.0	49.5
1957	24.8	35.3	37.0	41.5	50.2	64.5	68.9	68.8	63.7	50.1	33.8	29.1	47.3
1958	23.1	34.0	34.2	42.8	60.4	70.7	72.6	71.4	64.7	56.8	41.7	34.1	50.5
1959	29.6	28.8	36.7	45.7	56.2	71.0	72.4	69.5	61.8	51.5	40.6	33.5	49.8
1960	27.4	25.4	39.8	49.7	57.0	70.2	72.4	73.6	66.5	52.6	39.6	28.9	50.3
1961	30.2	32.8	38.5	44.0	58.3	70.6	71.5	70.8	57.6	53.5	35.2	24.4	49.0
1962	21.5	32.4	33.5	48.9	56.4	66.2	70.6	70.4	64.2	58.0	44.2	32.9	49.9
1963	24.9	35.3	36.7	47.6	60.8	67.9	73.3	67.7	67.8	59.9	44.1	31.1	51.4
1964	25.7	27.7	31.8	42.8	57.5	66.0	74.2	67.0	62.5	58.9	40.2	24.5	48.2
1965	28.9	32.1	32.5	45.4	52.3	62.3	69.8	67.8	57.0	58.6	42.1	28.9	48.1
1966	22.3	27.6M	41.7	47.7	59.1	65.2	74.0	70.4	64.6	54.9	42.0	21.7	49.3*
1967	27.8	32.5	42.9	45.8	52.8	62.2	71.5	66.9	62.3	55.0	42.8	26.1	49.1
1968	26.5	33.9	39.1	40.5	53.1	68.9	70.5	65.2	61.5	54.7	34.0	27.1	47.9
1969	30.1	26.9	35.3	49.5	60.9	61.8	72.3	72.4	62.4	42.8	36.9	26.6	48.2
1970	26.2	36.0	34.3	40.7	58.4	64.4	72.2	70.9	60.7	46.1	38.3	26.9	47.9

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 9.8	- 6.2	- 1.6	16.9	28.3	32.3	42.7	40.9	29.3	22.7	2.2	- 5.8	16.0
1952	- 8.1	-13.8	- 6.6	13.8	28.1	36.8	40.6	41.5	34.0	22.8	8.6	-10.2	15.6
1953	- 3.4	-14.5	.3	7.3	24.6	35.9	42.9	39.9	31.6	24.2	15.4	- 3.3	16.7
1954	- 4.1	- 5.5	3.5	20.4	30.2	35.1	45.1	38.8	35.4	27.5	16.0	-10.7	19.3
1955	-14.8	-15.7	- 2.2	12.5	28.2	33.3	40.2	43.9	31.7	21.7	7.1	- 3.1	15.2
1956	- 1.1	- 9.6	- 1.8	13.7	27.9	36.0	40.1	37.0	29.5	18.9	- 4.3	-14.1	14.4
1957	- 4.9	- .6	2.4	13.3	24.6	33.4	44.1	43.1	30.6	27.6	10.4	- 6.5	18.1
1958	-15.5	- 4.5	- 3.5	10.6	28.5	36.1	38.5	40.6	34.2	23.7	11.7	1.1	16.8
1959	- 8.8	- 0.5	- 3.5	14.8	27.2	36.0	39.0	40.0	31.0	22.2	9.4	- 2.3	16.4
1960	-11.3	- 7.9	8.7	16.8	24.5	34.2	40.1	38.3	34.3	23.7	4.2	- 9.7	16.3
1961	-17.6	- 6.3	4.8	13.6	27.5	35.4	40.4	43.5	31.7	23.8	5.7M	- 6.9	16.3*
1962	-14.8	2.4	- 8.2	16.3	26.1	33.5	39.3	37.0	32.6	25.2	15.9	- 1.6	17.0
1963	- 9.4	- 6.4	- 2.9	20.0	28.3	34.1	40.4	43.3	35.2	27.1	14.2	- 7.4	18.0
1964	-13.6	-14.0	- 5.4	12.0	26.5	33.1	42.4	39.9	33.5	24.1	13.2	- 4.7	15.6
1965	- 3.1	-13.2	- 1.4	16.2	24.0	31.4	41.5	38.2	31.7	24.9	19.2	- 2.6M	17.2*
1966	-18.9	-15.9M	- 3.8	16.4	26.2	34.1	42.5	37.7	31.7	23.8	13.8	- 6.0	15.1*
1967	- 6.7	-10.6	6.0	14.1	24.5	33.4	40.5	38.2	33.4	23.7	11.6	- 4.2	17.0
1968	-12.8	- 5.6	- 4.8	9.8	24.0	33.1	40.5	39.9	30.5	23.9	6.1	- 5.3	14.9
1969	- .5	-13.0	- 7.9	17.8	29.5	33.8	42.9	43.9	35.8	20.7	6.3	- 5.7	17.0
1970	-12.2	- 9.0	- 5.2	4.3	23.5	34.5	41.7	42.3	31.9	20.9	14.9	- 7.3	15.0

TAYLOR PARK

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	8.3	13.3	17.3	30.7	42.6	48.3	58.7	54.4	48.0	36.0	17.0	9.5	32.1
1952	7.8	7.3	12.2	30.7	41.6	53.8	58.2	55.3	49.5	41.1	22.1	6.5	32.3
1953	14.3	8.0	19.7	24.6	38.1	53.0	57.6	54.2	49.1	39.6	28.3	12.5	33.3
1954	13.6	16.1	19.8	30.7	45.1	52.2	58.3	54.6	49.9	42.4	30.9	6.9	35.5
1955	4.3	5.5	16.6	28.6	42.4	49.3	56.4	56.5	43.3	39.1	21.2	12.9	31.8
1956	13.5	8.3	18.9	29.0	44.4	54.0	56.3	52.1	49.3	36.8	15.0	6.0	31.9
1957	10.0	17.4	19.7	27.4	37.4	49.0	56.5	56.0	47.2	38.9	22.1	11.3	32.7
1958	3.8	14.8	15.4	26.7	44.5	53.4	55.6	56.0	49.5	43.3	26.7	17.0	33.7
1959	10.4	13.2	16.6	30.3	41.7	53.5	55.7	54.8	46.4	36.9	25.0	15.6	33.1
1960	8.1	8.8	24.3	33.3	40.8	52.2	56.3	56.0	50.4	38.2	21.9	9.6	33.3
1961	6.3	13.3	21.7	28.8	42.9	53.0	56.0	57.2	44.7	38.7	20.5M	9.9	32.7*
1962	3.4	17.4	12.7	32.6	41.3	49.9	55.0	53.7	48.4	41.6	30.1	15.7	33.5
1963	7.8	14.5	16.9	33.8	44.6	51.0	55.9	55.5	51.5	43.5	29.2	11.9	34.8
1964	6.1	6.9	13.2	27.4	42.0	49.6	58.3	53.5	48.0	41.5	26.7	9.9	31.9
1965	12.9	9.5	15.6	30.8	38.2	46.9	55.7	53.0	44.4	41.8	30.7	13.2M	32.7*
1966	1.7	5.9M	19.0	32.1	42.7	49.7	58.3	54.1	48.2	39.4	27.9	7.9	32.2*
1967	10.6	11.0	24.5	30.0	38.7	47.8	56.0	52.6	47.9	39.4	27.2	11.0	33.1
1968	6.9	14.2	17.2	25.2	38.6	51.3	55.5	52.6	46.0	39.3	20.1	10.3	31.5
1969	14.8	7.0	13.7	33.7	45.2	47.8	57.6	58.2	49.1	31.8	21.6	10.5	32.6
1970	7.0	13.5	14.6	22.5	41.0	49.5	57.0	56.6	46.3	33.5	26.6	9.6	31.5

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TELLURIDE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	37.5	6.4	22.0	55.	1953	10	-32.	1963	13	0.0	7.9	30.9	9.6	1.48	.90	1961	27	22.2	38.	1965	7	4.9	.3	0.0
FEB	39.2	7.8	23.5	60.	1963	5	-33.	1951	1	0.0	6.0	28.1	7.8	1.54	1.10	1969	16	22.4	54.	1958	15	5.1	.6	.1
MAR	41.7	13.2	27.5	67.	1966	31	-17.	1965	3	0.0	4.3	30.8	4.1	1.68	.75	1961	7	23.9	37.	1964	27	6.2	.4	0.0
APR	51.2	22.3	36.0	71.	1962	18	-5.	1957	8	0.0	.7	27.9	.1	1.95	1.43	1960	12	21.2	40.	1958	9	5.8	.4	.2
MAY	62.2	30.3	46.3	81.	1956	31	12.	1970	2	0.0	0.0	21.4	0.0	1.61	1.10	1962	27	4.3	9.	1954	1	5.0	.6	.1
JUN.	72.3	35.7	54.0	90.	1954	23	20.	1954	7	0.0	0.0	8.7	0.0	.99	1.15	1969	24	.2	0.	0	0	3.7	.3	.1
JUL	77.3	41.7	59.6	89.	1963	19	27.	1968	1	0.0	0.0	.7	0.0	2.63	1.12	1952	6	0.0	0.	0	0	8.3	1.1	.1
AUG	74.4	40.7	57.6	88.	1969	8	22.	1955	30	0.0	0.0	2.5	0.0	2.91	1.12	1963	5	0.0	0.	0	0	9.8	1.2	.1
SEP	69.0	34.1	51.6	85.	1959	6	15.	1965	21	0.0	0.0	12.5	0.0	2.05	1.53	1970	5	1.4	8.	1959	30	6.4	1.1	.2
OCT	60.3	25.9	43.1	76.	1962	13	0.	1956	30	0.0	0.0	25.7	0.0	1.97	1.95	1969	3	10.5	17.	1969	4	4.6	1.3	.4
NOV	46.5	15.1	30.0	67.	1967	15	-16.	1952	27	0.0	2.5	29.4	2.5	1.41	.86	1966	8	20.5	18.	1970	27	4.7	.3	0.0
DEC	39.2	7.6	22.9	58.	1959	16	-24.	1961	12	0.0	7.3	30.9	7.8	1.53	1.10	1967	19	20.9	26.	1967	20	4.7	.5	.1
ANNUAL	55.8	23.4	39.6							0.	29.	250.	32.	21.8				147.				69.	8.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.55	.36	.51	.74	.42	.14	1.05	.91	.17	0.00	.51	.49	14.78
.10	.69	.50	.67	.92	.57	.22	1.29	1.19	.30	.23	.64	.64	16.11
.20	.89	.73	.91	1.18	.80	.36	1.63	1.60	.57	.54	.84	.85	17.83
.30	1.06	.93	1.12	1.40	1.01	.50	1.93	1.95	.66	.64	1.00	1.03	19.14
.40	1.22	1.13	1.31	1.61	1.21	.64	2.29	2.29	1.17	1.16	1.15	1.21	20.30
.50	1.38	1.34	1.52	1.82	1.42	.80	2.66	2.66	1.46	1.46	1.31	1.40	21.44
.60	1.55	1.58	1.75	2.04	1.65	.98	3.03	3.03	1.63	1.63	1.48	1.60	22.61
.70	1.76	1.86	2.01	2.31	1.94	1.20	3.41	3.41	1.81	1.81	1.68	1.73	23.92
.80	2.02	2.23	2.36	2.64	2.31	1.51	3.79	3.79	2.07	2.07	1.93	1.94	25.51
.90	2.41	2.82	2.89	3.16	2.88	2.00	4.19	4.19	2.39	2.39	2.33	2.33	27.83
.95	2.78	3.38	3.39	3.63	3.42	2.48	4.80	4.80	2.74	2.74	2.69	2.65	29.85
ALPHA	4.57	2.56	3.45	4.71	2.86	1.66	5.08	3.56	1.22	1.40	4.33	3.64	22.34
BETA	.32	.60	.49	.41	.56	.59	.52	.82	1.68	1.48	.33	.42	.97
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TELLURIDE

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.19	2.21	.89	2.26	1.56	.19	2.35	1.88	1.17	1.24	1.73	2.92	20.62
1952	2.12	1.47	1.62	2.54	2.41	.29	2.62	2.54	1.71	T	.35	1.21	19.48
1953	1.30	.42	1.30	1.67	2.64	1.14	3.56	1.74	.26	3.08	1.23	.61	18.45
1954	.32	.35	.76	.67	1.78	.69	2.48	1.01	3.26	1.46	.36	.55	13.99
1955	.74	1.02	.69	1.50	2.43	.40	3.19	2.94	.33	.09	1.28	1.43	16.04
1956	1.640	1.18	1.33	1.79	1.55	.95	2.51	1.73	.08	1.17	1.10	1.74	16.77*
1957	2.45	.93	2.36	3.52	3.36	.91	3.99	4.97	.07	3.50	3.24	1.05	30.45
1958	1.97	3.83	1.88	2.49	.34	.24	.62	1.56	1.91	1.25	1.11	.62	17.82
1959	.67	2.03	1.38	1.61	1.32	.52	2.73	3.16	3.11	2.04	.61	1.54	20.77
1960	1.38	2.20	2.74	2.41	.84	.92	1.50	.59	2.20	2.14	1.25	1.29	19.46
1961	.92	1.75	4.14	2.84	1.45	.37	.82	5.52	4.01	2.91	2.06	.79	27.48
1962	1.03	2.70	1.17	1.38	1.88	.44	1.35	1.47	2.44	2.58	1.23	.63	18.27
1963	1.99	1.91	2.75	.50	.70	1.23	2.35	6.80	1.37	3.32	1.08	1.23	25.28
1964	1.46	.57	3.00	2.31	1.71	.66	3.79	3.84	2.63	.94	2.57	2.66	25.24
1965	1.82	1.01	2.38	3.12	2.36	1.60	3.92	3.29	4.51	1.83	1.67	2.51	30.09
1966	.88	.77	.83	1.83	1.84	1.28	2.34	2.32	1.72	1.23	1.63	2.61	19.25
1967	1.33	.73	.76	1.11	2.16	1.58	3.17	3.57	2.57	.96	.36	3.33	21.50
1968	.97	3.03	.62	2.78	.97	.15	4.49	3.08	.47	1.30	.74	1.33	19.94
1969	2.88	2.13	.90	.82	.66	3.58	2.29	2.47	3.14	6.20	1.10	1.60	27.77
1970	1.62	.49	2.09	1.85	.20	2.57	2.50	3.75	4.32	3.15	2.50	1.04	26.08

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51						26.1	31.5	19.6	9.5	15.7	.0	.0	
51-52	.0	T	.0			27.6	19.7	17.5	18.0		.0	.0	
52-53	.0	T	.0	.0	20.8	27.3	27.3	12.7	33.5	9.0	T	T	130.9
53-54	T	T	.0	.0		11.2	6.5	9.1				T	
54-55	.0	.0	.0	T	12.5	6.9	16.5	17.5		17.5	6.0	.0	
55-56	T	.0	.0		29.0	30.0	17.8	17.5	17.5	6.5	6.0	.0	
56-57	.0	.0	.0	15.0	21.5	24.0	41.0	14.0	30.5	44.0	22.0	.0	212.0
57-58	.0	.0	.0	21.0	45.0	23.0	39.0	63.0	29.0	31.0	.0	.0	251.0
58-59	.0	.0	.0	10.0	15.0	11.0	13.5	35.0	20.0		4.0	.0	
59-60	.0	.0	23.0	14.0	8.0	23.0	20.7	33.0	35.0	22.0	2.0	.0	181.7
60-61	.0	.0	.0	10.0		16.0	11.0	22.0	55.0	38.0	13.0	.0	
61-62	.0	.0	5.0	8.5	29.5	10.5	14.0	34.0	15.0	7.0	3.5	T	127.0
62-63	.0	.0	.0	10.0	15.0	8.0	29.5	24.0	32.0	4.0	.0	.0	122.5
63-64	.0	.0	.0	10.0	18.0	19.0	17.9	8.0	27.0	27.0	4.0	2.0	
64-65	.0	.0	.0	.0	33.0	31.0		14.0	31.0	38.0	4.0	2.0	
65-66	.0	.0	.0	18.0	16.0	31.0	13.0	11.0	11.0	21.0	11.0	.0	132.0
66-67	.0	.0	.0	2.0	23.0	18.0	19.0		10.0		6.0	.0	
67-68	.0	.0	.0	7.0	3.0	45.0	14.0	39.0	7.0	33.0	.0	.0	149.0
68-69	.0	.0	.0	2.0	11.0	17.5	39.0	27.0		1.0	.0	T	
69-70	.0	.0	.0	41.0	15.0	24.0	26.0	7.0	27.0	24.0	.0	.0	164.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.8	41.4	42.6	51.7	61.5	69.4	79.3	74.2	71.5	58.2	43.9	35.5	55.5
1952	36.6	37.5	37.9	53.5	62.1	74.5	75.0M	74.1	69.3M	65.7	43.5	37.5	55.6*
1953	42.3	36.6	42.8	47.0	55.0	72.5M	77.1	74.0M	71.2	60.5M	48.4	36.0	55.3*
1954	42.4	46.8	40.1	57.9M	63.5M	73.1	76.5	74.5M	66.9M	60.0	51.2	40.9M	57.8*
1955	34.6	33.7M	40.4	46.6M	58.5M	68.0	77.3	74.3	71.1	62.4	44.2	39.3	54.2*
1956	39.8	34.9	44.8	54.0	66.8	76.4	77.9	73.1	76.6	61.7	43.3	38.8	57.3
1957	34.4	45.2	43.2	48.1	55.1	72.6	75.6	72.9	71.2	56.2	41.2	40.6	54.7
1958	37.6	42.9	39.9	48.3	67.6	76.1	78.5	79.0	70.4	62.1	47.7	43.0	57.8
1959	39.5	38.4	42.2	52.8	61.3	76.1	80.0	73.3	67.0	57.8	47.6	42.9	56.6
1960	34.5	34.2	43.9	54.7	62.0	74.6	79.8	79.9	71.3	58.0	50.7M	37.5	56.8*
1961	40.4	40.0	42.8M	49.9	64.6	76.9	77.6	74.3	62.4	58.8	42.3	33.9	55.3*
1962	35.7	40.1	38.9	57.5	61.7	72.5	76.1	77.0	69.8M	64.1	50.1	42.0	57.1*
1963	34.2	43.0	41.9	53.6	67.1	72.0	79.5	71.9	73.0	65.0	50.1	38.6	57.5
1964	34.8	33.0	37.5	48.4	61.9	70.8	77.8	72.6	67.1	65.6	44.5	35.8	54.2
1965	38.0	38.5	37.5	49.0	56.8	68.1	74.2	72.7	61.6	64.8M	48.3	39.2	54.1*
1966	34.4	34.0	47.2	54.2	66.4	72.5	78.6	76.3	70.0M	59.4M	50.4	36.6	56.7*
1967	38.2	41.5	47.6	51.2	60.5	67.9	76.4	73.2	68.6	63.0	49.4	33.9	56.0
1968	39.2	42.1	44.5	45.6	60.1	74.6	75.3	70.6	67.7	62.2	42.2	35.5	55.0
1969	39.3	37.9	38.8	55.8	67.4	67.7	77.0	76.5	68.0	49.3	46.4	38.5	55.2
1970	37.3	42.5	39.7	44.1	65.0	69.3	77.3	74.6	65.4	50.7	44.9	38.6	54.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	7.5	12.1	14.7	24.6	31.4	32.3	42.4	40.6	32.6	27.4	14.5	9.4	24.1
1952	9.7	6.2	11.7	24.1	31.9	40.4	42.7M	43.0	35.3	24.9	13.7	7.0	24.2*
1953	10.9	5.9	16.2	22.3	29.3	38.0	44.3	40.6M	33.4	27.4M	17.7	6.5	24.4*
1954	13.2	14.5	15.1	27.2M	31.9M	37.4M	46.0	41.2M	38.8M	29.7	19.4	8.3M	26.9*
1955	4.9	4.4M	13.8	16.0M	28.7M	35.6	41.7	41.4	34.9	25.8	13.6	13.4	22.5*
1956	13.9	4.5	10.3	22.4	31.0	34.9	38.3	36.1	32.6	23.2	6.1	1.9	21.3
1957	9.3	15.4	15.0	20.7	27.5	35.0	38.4	38.0	29.3	29.4	8.0	6.9	22.7
1958	3.8	12.5	10.5	19.8	32.1	38.1	38.9	41.7	35.0	25.6	15.2	10.6	23.7
1959	7.5	7.7	13.1	23.4	31.9	38.8	41.2	42.0	33.8	25.4	13.5	10.8	24.1
1960	2.5	3.0	15.7	23.7M	28.4	35.5	39.0	39.1	36.3	26.5	16.6	6.3	22.7*
1961	2.1	9.1	16.9M	21.9	31.9	35.1	40.4	44.0	33.0	25.5	12.0	5.0	23.2*
1962	3.8	14.1	9.4	25.6	30.3	33.8	38.6	38.0	32.9M	27.1	18.9	9.3	23.5*
1963	2.2	10.7	13.5	25.4	32.9	35.3	42.3	43.9	37.0	29.5	17.5	5.5	24.6
1964	.2	.2	8.2	19.8	29.9	34.4	43.4	40.5	33.9	24.3	14.2	5.9	21.2
1965	10.4	3.8	10.5	22.6	30.0	33.6	43.4	39.4	34.3	23.8M	20.0	10.8	23.6*
1966	.7	.9	14.7	22.1	30.9	36.1	43.4	39.7	33.9M	24.2M	19.9	6.6	22.6*
1967	6.8	8.6	21.6	24.1	28.4	35.0	43.5	39.8	35.3	25.0	17.3	5.7	24.3
1968	5.9	11.0	12.9	19.0	28.6	34.7	41.5	39.0	31.2	26.9	15.2	5.9	22.7
1969	10.2	6.7	8.0	24.2	30.7	33.9	43.9	42.8	36.0	23.2	12.1	9.8	23.5
1970	5.0	9.9	12.5	16.9	28.7	35.4	41.7	42.8	32.4	22.2	16.5	6.5	22.5

TELLURIDE

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	22.2	26.4	28.7	38.2	46.5	50.9	60.3	57.4	52.1	42.8	29.2	22.5	39.9
1952	23.2	21.9	24.4	38.8	47.0	57.5	58.3M	58.6	52.3M	45.4	28.6	22.3	39.3*
1953	26.6	21.3	29.5	34.7	42.2	55.3M	61.7	57.3M	52.3	44.0M	33.1	21.3	39.3*
1954	27.8	30.7	27.6	42.6M	47.7M	55.3M	61.3	57.9M	52.3M	44.9	35.3	24.0M	42.4*
1955	19.8	16.7M	27.1	31.3M	43.6M	51.8	59.5	57.9	53.0	44.1	28.9	26.4	38.3*
1956	26.9	19.7	27.6	38.2	48.9	55.7	58.1	54.6	54.6	42.5	24.7	20.4	39.3
1957	21.9	30.3	29.1	34.4	41.3	53.8	57.0	55.5	50.3	42.8	24.6	23.3	39.7
1958	20.7	27.7	25.2	34.1	49.9	57.1	58.7	60.4	52.7	43.9	31.5	26.8	40.7
1959	23.5	23.1	27.7	38.1	46.6	57.5	60.5	57.7	50.4	41.6	30.6	26.9	40.4
1960	18.5	14.6	29.5	39.2M	45.2	55.1	59.4	59.5	53.8	42.3	33.7M	21.9	39.8*
1961	21.3	24.6	29.0M	35.9	48.3	56.5	59.0	59.2	47.7	42.2	27.2	19.5	39.3*
1962	19.8	27.1	24.2	41.6	46.0	53.2	57.4	57.5	51.4M	45.6	34.5	25.7	40.3*
1963	18.2	26.9	27.7	39.5	50.0	53.7	60.9	57.9	55.0	47.3	33.8	22.1	41.1
1964	17.3	16.4	22.9	34.1	45.9	52.6	60.5	55.6	50.5	45.0	29.4	20.9	37.7
1965	24.2	21.2	24.0	35.8	43.4	50.9	58.8	56.1	48.0	44.3M	34.2	25.0	38.8*
1966	16.9	17.5	31.0	38.2	48.7	54.3	61.0	58.0	52.0M	41.8M	35.2	21.6	39.7*
1967	22.5	25.1	34.6	37.7	44.5	51.5	60.0	56.5	52.0	44.9	33.4	19.8	40.1
1968	22.6	26.6	28.7	32.3	44.4	54.7	58.4	54.8	49.5	44.6	28.7	25.7	38.8
1969	24.8	22.3	23.4	40.0	49.1	50.8	60.5	59.7	52.0	36.3	29.3	24.2	39.4
1970	21.2	26.2	26.1	30.5	46.9	52.4	59.5	58.7	48.9	36.5	30.7	22.6	39.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TRINIDAD

05 8429 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEAS			EXTREMES				MEAN: NO OF DAYS					STOW, SLEET				MEAN: NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		JUL			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN: NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW	.10 OR MORE									.50 OR MORE	1.00 OR MORE	
JAN	47.8	18.1	33.0	73.	1969	7	-32.	1963	12	0.0	3.1	28.9	2.3	.31	.57	1960	14	7.5	12.	1960	17	1.0	.1	0.0	
FEB	49.6	21.4	35.7	78.	1957	12	-12.	1955	20	0.0	2.8	25.2	1.2	.49	.56	1961	4	8.6	16.	1964	4	2.4	.1	0.0	
MAR	54.1	25.2	39.7	78.	1967	28	-10.	1965	3	0.0	2.2	24.0	.6	.60	.67	1962	30	6.4	12.	1970	31	2.2	.1	0.0	
APR	64.9	35.0	50.0	85.	1965	22	4.	1959	12	0.0	.1	11.7	0.0	1.08	1.16	1960	13	4.6	13.	1958	12	2.5	.6	.2	
MAY	73.7	44.5	59.1	89.	1967	24	23.	1962	1	0.0	0.0	2.3	0.0	1.80	3.72	1955	19	0.0	1.	1970	1	3.8	.9	.4	
JUN	82.3	53.1	67.7	96.	1954	23	31.	1954	3	4.2	0.0	.1	0.0	1.53	1.68	1967	20	0.0	0.	0	0	3.5	.7	.3	
JUL	85.9	58.2	72.1	97.	1960	2	43.	1958	8	7.6	0.0	0.0	0.0	2.32	2.36	1966	30	0.0	0.	0	0	5.9	1.4	.3	
AUG	83.8	56.4	70.1	95.	1969	8	39.	1963	19	4.1	0.0	0.0	0.0	2.25	2.50	1964	9	0.0	0.	0	0	4.9	1.1	.3	
SEP	78.9	49.1	64.0	93.	1954	7	26.	1970	26	1.2	0.0	.5	0.0	.86	1.70	1970	22	0.0	0.	0	0	2.3	.3	.1	
OCT	69.1	38.2	53.7	90.	1964	1	15.	1969	13	.1	.2	7.3	0.0	.99	1.57	1960	15	.6	8.	1960	15	2.6	.5	.1	
NOV	57.0	27.6	42.3	76.	1967	16	-7.	1957	22	0.0	.8	21.6	.2	.51	.63	1962	17	5.9	7.	1969	18	1.9	.1	0.0	
DEC	50.2	21.7	36.0	77.	1955	23	-11.	1961	12	0.0	2.2	27.5	.7	.48	.44	1958	29	8.3	10.	1967	16	1.8	0.0	0.0	
ANNUAL	66.6	37.5	52.0							17.	11.	149.	5.	13.2				42.				35.	6.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.05	.06	.07	0.00	.17	.17	.49	.54	.08	0.00	0.00	.04	9.19
.10	.08	.10	.12	.21	.30	.28	.70	.75	.14	.08	.14	.08	9.46
.20	.12	.17	.20	.42	.55	.49	1.04	1.08	.25	.24	.24	.14	10.96
.30	.16	.23	.29	.59	.60	.70	1.35	1.37	.37	.39	.31	.21	11.72
.40	.21	.31	.38	.76	1.07	.93	1.66	1.66	.50	.55	.38	.28	12.39
.50	.25	.39	.48	.93	1.37	1.19	1.99	1.97	.65	.74	.46	.36	13.05
.60	.31	.49	.59	1.12	1.74	1.49	2.37	2.32	.83	.95	.54	.46	13.73
.70	.40	.60	.74	1.36	2.19	1.86	2.82	2.73	1.05	1.23	.64	.58	14.48
.80	.46	.77	.93	1.54	2.81	2.39	3.61	3.43	1.36	1.60	.76	.75	15.39
.90	.61	1.03	1.25	2.15	3.84	3.22	4.86	4.61	1.87	2.23	.96	1.04	16.71
.95	.74	1.29	1.57	2.61	4.86	4.04	5.26	4.93	2.37	2.84	1.14	1.31	17.87
ALPHA	1.86	1.49	1.51	2.20	1.34	1.43	2.31	2.61	1.29	1.28	2.89	1.30	24.88
BETA	.16	.33	.40	.52	1.34	1.07	1.00	.87	.67	.82	.19	.37	.53
Q	0.00	0.00	0.00	.06	0.00	0.00	0.00	0.00	0.00	.06	.06	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TRINIDAD

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954	.150	.24	.31	.11	2.47	.42	2.70	2.76	.19	1.04	.31	.20	10.93*
1955	.08	.33	.29	1.13	7.78	.13	.58	2.98	.61	.14	.44	.03	14.52
1956	.25	.40	.32	.34	1.83	.78	2.14	2.38	.33	.34	.70	.18	8.69
1957	.19	.01	.98	3.23	2.43	1.75	2.75	.67	.60	1.25	1.47	.03	15.41
1958	.58	.52	1.01	.98	1.12	1.23	2.65	2.42	.19	.95	.33	.72	12.73
1959	.66	.43	.65	.64	2.45	1.33	1.64	1.83	.13	1.40	.51	.61	12.29
1960	1.00	.90	.03	1.65	.06	.51	1.10	.25	.55	3.57	.12	.65	10.59
1961	.08	1.10	1.11	.95	.82	1.81	2.31	3.56	1.09	.69	.91	.930	15.33*
1962	.30	.06	.78	.35	.94	1.50	2.47	.69	.64	1.33	.77	.33	9.86
1963	.18	.72	.19	.00	.49	1.86	.18	2.36	2.85	.56	.22	.33	9.91
1964	.34	1.13	.34	1.01	1.33	.75	1.17	3.66	1.46	T	.67	.41	12.27
1965	.21	.65	.63	1.26	2.96	4.55	3.18	2.30	1.03	.67	.00	.37	17.81
1966	.45	.41	.08	.79	.42	2.13	5.85	2.51	.92	.11	.16	.43	14.26
1967	.34	.60	.18	1.06	2.37	4.35	1.11	4.72	.89	.57	.33	1.34	17.87
1968	.19	.49	.73	1.28	1.07	.31	4.23	3.11	.51	.97	.60	.29	13.78
1969	.04	.24	1.32	2.37	1.41	2.45	2.05	1.52	.56	1.65	.59	1.63	15.29
1970	.16	.18	1.28	1.28	.56	.49	3.33	.90	2.49	2.20	.56	.63	13.34

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51													
51-52													
52-53													
53-54										.0	T	.0	
54-55	.0	.0	.0	T		4.0	1.0			.0	.0		
55-56	.0	.0	.0	.0						T	.0	.0	
56-57	.0	.0	.0	.0	11.5	1.8	2.5	.1	9.4		.0	.0	
57-58	.0	.0	.0	.0	8.0	.8		6.8	.5		T	.0	
58-59	.0	.0	.0	.0	8.0	9.1	15.5	4.8	8.0	7.3	T	.0	52.7
59-60	.0	.0	T			11.0	19.0	12.5	.3	5.0	T	.0	
60-61	.0	.0	.0	8.0		17.0		13.7		9.0	.0	.0	
61-62	.0	.0	.0	1.0	14.0		10.0		8.0	T	.0	.0	
62-63	.0	.0	.0	.0	6.0	6.0		8.0	3.5	.0	.0	.0	
63-64	.0	.0	.0	.0	3.0	11.5	11.0			T	.0	.0	
64-65	.0	.0	.0	.0	5.5	11.0	3.0	17.5	15.0	1.5	.0	.0	53.5
65-66	.0	.0	.0	.0	.0	2.0	10.2	9.5	1.0	0.0	.0	.0	30.7
66-67	.0	.0	.0	T	T		8.0			10.5	T	.0	
67-68	.0	.0	.0		3.5	24.0		9.3	12.0	9.0	T	.0	
68-69	.0	.0	.0	.0	5.5	9.5	.5				.0	.0	
69-70	.0	.0	.0				1.7	4.0		5.0	T	.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954		62.0	53.1	73.3	71.8	86.6	87.4	84.1	83.9	69.7	61.1	53.2	
1955	47.5	45.6	59.0	64.5	71.1	79.8	96.0	83.1	80.9	73.4	57.3	54.3	66.9
1956	52.4	45.4	59.3	64.9	80.5	87.0	86.3	84.0	84.7	73.3	53.9	51.8	68.6
1957	49.2	59.9	54.9	59.2	67.3	81.4	85.5	83.1	77.9	65.4	48.1	55.6	65.6
1958	46.9	52.9M	45.7	59.3	74.5	85.1	86.4	85.1	80.3	69.3	60.1	53.8	66.6*
1959	45.7	48.4	55.6	63.5	73.5	82.6	85.7	84.5	80.3	66.8	58.2	49.6	66.2
1960	41.8	35.0	55.2	67.3	72.5	84.4	84.2	87.3	78.9	66.6	59.6	45.4	64.9
1961	49.6	50.3	53.9	63.5	74.9	81.9	83.4	81.8	76.9	69.8	51.2	44.7M	65.2*
1962	43.3	54.5	53.5	66.6	77.9	79.8	83.8	88.2	79.5	72.5	57.9	52.3	67.5
1963	41.2	51.9	55.9	69.2	77.0	83.8	89.6	81.9	79.6	73.0	59.1	47.5	67.5
1964	48.3M	43.1	50.6	62.7	74.3	82.4	89.2	84.9	76.7	72.5	57.5	49.2	65.7*
1965	51.6	48.6	45.8	65.9	72.3	78.9	84.2	81.5	73.9	70.9	61.4	53.4	65.7
1966	43.8	43.7	60.8	65.6	76.5	82.8	83.5	81.3	78.6	68.6	61.3	49.8	66.7
1967	53.0	52.4	64.7	68.9	71.2	79.2	84.0	79.8	75.4	70.4	58.0	41.9	66.6
1968	48.3	51.5	55.5	61.0	70.0	85.2	83.6	80.2	77.9	71.5	53.7	49.3	65.7
1969	55.6	50.9	45.2	66.2	72.5	77.0	86.4	86.7	78.2	60.0	55.1	48.4	65.2
1970	46.5	55.8	50.8	61.2	75.6	81.8	95.5	86.4	77.8	61.3	55.2	53.1	66.0

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954		27.1	24.4	39.1	44.5	56.2	61.2	57.0	53.0	41.3	29.9	20.4	
1955	19.9	16.3	24.5	32.7	43.7	50.2	56.5	57.4	48.9	37.9	23.2	25.5	36.4
1956	23.8	15.9	25.6	32.3	46.7	57.1	57.4	55.1	50.2	39.8	23.4	22.3	37.6
1957	18.0	30.6	24.6	32.4	40.0	50.1	58.5	56.3	45.3	39.8	24.4	23.9	37.3
1958	17.9	24.3M	23.6	32.1	46.5	54.7	55.7	56.4	51.6	36.3	28.7	23.5	37.8*
1959	17.0	24.2	26.1	33.1	46.6	54.2	56.9	58.7	47.7	36.8	23.1	23.2	37.3
1960	15.4	13.2	25.9	37.0	43.8	54.3	57.6	56.4	49.3	36.5	26.7	20.0	36.4
1961	16.4	22.2	27.5	33.7	46.1	52.4	56.7	56.9	46.7	37.1	25.1	18.3M	36.5*
1962	12.8	24.6	21.9	37.9	42.7	50.8	56.9	55.5	50.6	40.5	29.5	22.2	37.2
1963	8.3	24.0	24.6	38.9	48.0	56.2	60.5	54.2	52.4	43.8	30.9	17.4	38.8
1964	16.0M	12.7	22.7	33.2	45.7	54.3	60.5	55.5	49.2	36.2	27.9M	20.6	36.2*
1965	22.6	17.5	17.6	36.3	42.8	51.3	57.9	55.5	48.0	37.2	31.2	24.3	36.9
1966	14.8	17.5	28.3	33.9	45.3	54.7	61.3	56.3	48.5	37.2	33.2	19.8	37.6
1967	21.4	21.7	31.8	39.5	46.3	51.2	58.2	54.5	49.3	34.5	28.5	17.1	37.6
1968	20.1	23.0	27.3	32.7	42.5	53.5	56.3	55.5	45.7	34.8	26.9	20.2	37.0
1969	24.8	23.8	19.6	38.2	45.5	48.8	59.2	58.9	51.6	34.8	27.5	24.5	38.1
1970	20.4	24.3	23.6	32.1	45.3	50.9	58.7	58.8	45.9	33.6	29.2	25.3	37.4

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954		44.6	38.8	56.2	58.2	71.4	74.3	70.6	64.5	55.5	45.5	36.8	
1955	33.7	31.0	41.8	48.6	57.4	65.0	71.3	70.3	64.9	59.7	40.3	40.2	51.7
1956	38.1	31.2	42.5	48.6	63.6	72.1	71.9	69.6	67.5	56.6	38.7	37.1	53.1
1957	33.6	45.3	41.8	45.8	53.7	65.8	72.0	69.7	61.6	52.6	36.3	39.8	51.5
1958	32.4	39.6M	34.7	45.7	60.5	69.9	71.1	70.8	65.0	53.8	44.4	38.7	52.2*
1959	31.4	36.3	40.9	48.3	60.1	68.4	71.3	71.6	63.9	51.8	40.7	36.4	51.8
1960	28.6	24.1	40.6	52.5	58.2	69.4	70.9	71.9	64.1	51.6	43.2	32.7	50.7
1961	33.0	36.3	40.7	43.6	60.5	67.2	70.1	69.4	61.8	53.5	38.2	31.5M	50.9*
1962	28.1	39.6	37.7	52.3	60.3	65.3	70.4	71.9	65.1	56.5	43.7	37.3	52.4
1963	24.8	38.0	42.3	54.1	62.5	71.0	75.1	68.1	66.0	58.4	45.0	32.5	53.2
1964	32.2M	26.4	36.7	48.0	60.0	68.4	74.9	70.2	63.0	54.4	42.7M	34.3	51.3*
1965	37.1	33.1	31.7	51.1	57.6	65.1	71.1	68.5	61.0	54.1	46.3	39.2	51.3
1966	29.3	30.6	44.6	49.8	60.9	68.8	74.9	68.8	63.6	52.9	47.3	34.3	52.2
1967	37.2	37.1	48.3	54.2	55.8	65.2	71.1	67.2	61.9	54.5	43.3	29.5	52.1
1968	34.2	37.3	41.4	46.6	56.3	69.4	70.0	67.9	62.3	55.7	40.3	35.1	51.4
1969	40.2	37.4	32.4	52.5	59.0	62.9	72.8	72.8	64.9	47.4	41.3	36.5	51.7
1970	33.5	40.1	37.2	46.7	60.5	66.4	72.1	72.6	62.4	47.3	42.7	39.2	51.7

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TRINIDAD FAA

05 8434 1

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S				EXTREMES				MEAN; NO OF DAYS				SHOW, SHEET				MEAN; NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN; NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	47.2	16.1	51.7	72.	1956	4	-32.	1963	12	0.0	4.3	29.6	3.4	.32	.60	1966	2	4.0	11.	1960	18	1.1	.1	0.0
FEB	49.4	18.9	34.2	77.	1951	11	-20.	1951	1	0.0	3.4	26.7	1.8	.46	.57	1961	4	6.7	10.	1964	5	1.3	.1	0.0
MAR	54.0	23.3	38.7	81.	1966	31	-10.	1965	20	0.0	2.9	25.8	.6	.69	.82	1970	31	6.8	6.	1960	3	2.4	.1	0.0
APR	64.6	33.9	49.3	90.	1965	22	4.	1957	8	0.0	0.0	12.8	0.0	1.04	1.40	1969	16	4.9	7.	1970	1	2.8	.6	.1
MAY	74.4	44.2	59.3	93.	1956	9	24.	1954	2	.9	0.0	2.1	0.0	1.79	2.69	1955	18	.5	4.	1953	13	4.0	.9	.4
JUN	84.4	53.1	68.8	101.	1960	28	35.	1954	3	8.8	0.0	0.0	0.0	1.29	1.54	1969	16	0.0	0.	0	0	3.4	.8	.4
JUL	89.0	59.1	74.1	102.	1964	5	43.	1952	8	16.3	0.0	0.0	0.0	1.93	1.43	1953	11	0.0	0.	0	0	4.9	1.2	.3
AUG	86.9	57.1	72.0	99.	1969	8	43.	1964	28	11.9	0.0	0.0	0.0	1.83	1.67	1965	19	0.0	0.	0	0	4.3	.9	.4
SEP	82.3	49.1	64.7	98.	1954	1	28.	1965	21	3.3	0.0	.5	0.0	.69	.90	1952	12	.1	0.	0	0	2.1	.2	0.0
OCT	69.6	37.5	53.6	89.	1954	1	10.	1969	13	0.0	.1	7.6	0.0	.84	1.06	1960	17	2.8	5.	1970	15	2.8	.6	.1
NOV	56.1	25.3	40.7	77.	1964	8	-14.	1952	26	0.0	1.8	24.1	.7	.52	.56	1958	17	5.2	7.	1953	19	1.8	.1	0.0
DEC	48.9	18.3	33.6	76.	1965	4	-16.	1968	22	0.0	3.7	29.7	1.5	.50	.77	1961	9	7.3	10.	1967	16	1.8	.1	0.0
ANNUAL	67.1	36.3	51.7							41.	16.	159.	8.	11.9				39.				33.	6.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.03	.05	.10	0.00	.20	.07	.61	.45	0.00	0.00	0.00	0.00	7.37
.10	.05	.09	.15	.28	.46	.14	.79	.51	.16	0.00	.13	.10	8.20
.20	.10	.15	.25	.58	.72	.29	1.06	.78	.28	.23	.19	.19	9.29
.30	.14	.22	.35	.63	.96	.46	1.30	1.03	.39	.41	.31	.27	10.13
.40	.19	.29	.45	.77	1.21	.66	1.52	1.28	.49	.57	.38	.34	10.89
.50	.24	.36	.56	.92	1.49	.89	1.76	1.55	.60	.73	.46	.42	11.63
.60	.31	.45	.68	1.09	1.80	1.18	2.01	1.86	.72	.90	.55	.52	12.41
.70	.39	.56	.84	1.29	2.14	1.55	2.31	2.23	.86	1.09	.65	.63	13.28
.80	.50	.70	1.15	1.54	2.69	2.08	2.70	2.72	1.05	1.35	.78	.78	14.35
.90	.69	.94	1.40	1.94	3.51	2.97	3.31	3.51	1.35	1.76	.99	1.01	15.42
.95	.87	1.18	1.73	2.32	4.29	3.87	4.87	4.26	1.63	2.14	1.19	1.24	17.30
ALPHA	1.32	1.53	1.67	2.78	1.92	1.00	3.56	2.12	2.28	2.35	2.58	2.03	15.30
BETA	.24	.30	.41	.34	.53	1.29	.54	.76	.32	.42	.21	.26	.78
0	0.00	0.00	0.00	.05	0.00	0.00	0.00	0.00	.05	.15	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.31	.12	1.39	.71	1.25	.99	1.20	3.11	.18	.75	.78	.22	10.92
1952	.09	.91	.59	1.54	1.66	.12	1.39	1.03	1.24	T	.53	.43	9.53
1953	.17	.33	.19	.60	4.20	1.54	2.66	1.77	.17	.71	.78	.64	13.76
1954	.09	.23	.39	.46	1.93	.11	3.36	1.84	.81	.99	.20	.34	10.66
1955	.04	.68	.31	.77	6.40	.15	.75	3.05	.52	.24	.30	.03	13.29
1956	.17	.46	.45	.30	1.44	.52	1.53	.55	T	T	.66	.23	6.36
1957	.13	.06	1.22	3.63	3.23	.37	.98	.29	.29	.60	1.38	.14	12.32
1958	.24	.12	.46	.93	1.22	2.34	2.94	2.66	.16	.50	.61	1.06	13.28
1959	.75	.32	.83	.62	2.24	1.15	.97	1.16	.35	1.02	.50	.64	10.55
1960	.99	.99	.23	.96	.19	.43	.65	.33	.97	2.77	.17	.65	9.33
1961	.09	1.01	.85	.68	.68	1.59	2.47	1.80	.83	.60	.85	1.13	12.55
1962	.32	.04	.36	.46	.97	.81	2.40	.73	.61	1.38	.63	.13	8.24
1963	.53	.68	.23	.00	.39	1.26	1.17	3.23	1.45	.41	.09	.27	9.71
1964	.25	1.06	.19	1.15	1.56	.39	1.14	.43	1.73	T	.62	.44	8.96
1965	.15	.76	.52	1.18	1.26	6.33	3.91	2.88	.76	.68	.00	.26	18.75
1966	1.30	.17	.08	.99	.45	.95	2.04	3.02	.47	.30	.12	.43	10.32
1967	.42	.37	.32	.64	1.60	3.36	.65	3.53	.44	.54	.25	1.23	13.45
1968	.09	.37	1.36	1.71	1.19	.13	2.68	1.66	.44	.75	.77	.71	11.91
1969	.07	.31	1.32	2.55	2.46	2.81	2.52	2.67	.74	2.35	.62	1.12	20.14
1970	.19	.11	1.95	.85	1.41	.38	3.21	.70	1.65	2.18	.59	T	13.22

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51				1.0	6.3	4.6	4.9	1.5	12.5	5.3	T	.0	
51-52	.0	T	T	T	10.5	6.0	2.9	10.6	3.1	2.8	T	.0	36.3
52-53	.0	.0	.0	T	10.5	6.0	2.3	3.2	.7	T	3.4	T	26.1
53-54	.0	T	.0	T	9.6	9.0	2.5	2.6	4.5	T	.4	.0	28.6
54-55	T	.0	.0	T	1.0	8.0	.4	11.7	4.3	2.0	T	.0	27.4
55-56	.0	.0	.0	T	1.0	1.6	4.1	9.8	5.0	T	.0	.0	21.5
56-57	.0	.0	.0	.0	10.2	1.0	2.2	T	9.0	13.0	3.6	.0	36.2
57-58	.0	.0	.0	T	5.5	3.0	5.4	1.9	5.0	6.0	.0	.0	27.8
58-59	.0	.0	.0	T	9.6	12.3	10.0	5.3	7.3	6.1	T	.0	50.6
59-60	.0	.0	1.0	6.4	8.0	9.1	11.5	13.5	1.0	3.5	T	.0	54.0
60-61	.0	.0	.0	10.8	1.7	15.7	2.9	8.9	6.6	5.2	.0	.0	52.8
61-62	.0	.0	T	3.7	8.3	5.8	5.6	1.0	1.5	.2	.0	.0	26.1
62-63	.0	.0	.0	.0	6.1	8.0	10.5	7.4	4.0	.0	.0	.0	36.0
63-64	.0	.0	.0	2.0	1.1	5.5	3.7	18.9	3.0	0.0	.0	.0	43.2
64-65	.0	.0	.0	.0	2.4	5.6	1.7	18.6	11.2	2.3	T	.0	41.8
65-66	.0	.0	T	.0	.0	4.5	13.2	3.0	1.0	9.7	.5	.0	31.9
66-67	.0	.0	.0	3.5	.5	3.5	6.0	6.0	4.0	6.5	1.0	.0	31.0
67-68	.0	.0	.0	2.0	3.6	20.0	2.1	4.9	12.0	11.7	T	.0	55.3
68-69	.0	.0	.0	6.5	6.7	10.5	1.0	4.0	18.1	12.0	.0	.0	58.8
69-70	.0	.0	.0	7.6	6.5	11.5	2.5	1.3	15.2	5.2	1.2	.0	51.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	43.0	55.0	53.3	60.6	73.4	81.3	91.6	88.9	81.1	68.1	53.9	47.3	66.5
1952	53.4	48.9	51.1	63.7	72.7	91.0	93.3	83.1	81.6	72.0	46.4	47.1	67.5
1953	53.6	50.1	60.7	62.6	70.5	89.6	91.0	85.4	84.8	70.1	56.4	44.3	68.7
1954	53.4	60.6	54.2	73.1	73.9	89.7	92.7	93.7	85.8	70.5	61.5	51.4	71.3
1955	47.5	44.1	56.5	65.4	72.1	81.4	93.5	87.2	83.3	74.0	55.9	54.7	67.7
1956	52.4	45.2	58.8	65.4	81.2	90.4	89.0	85.0	85.6	74.1	52.1	51.3	69.3
1957	49.0	59.6	53.6	58.3	67.9	82.6	88.4	97.1	73.5	67.5	47.3	55.6	69.4
1958	47.4	52.9	46.2	59.4	77.5	95.1	87.8	88.2	83.9	70.4	58.1	50.9	67.1
1959	40.2	47.5	53.5	64.3	75.1	85.5	88.3	87.4	80.4	64.9	55.7	48.8	66.0
1960	39.2	33.3	53.8	67.7	73.7	85.7	87.3	90.0	80.2	66.9	59.2	43.3	65.0
1961	48.0	47.1	54.0	63.8	74.5	83.1	96.8	85.6	75.7	70.5	51.2	42.8	65.3
1962	40.9	53.4	53.8	66.8	78.6	81.4	95.3	89.0	78.7	73.3	57.9	51.4	67.5
1963	39.0	50.8	57.5	69.9	79.0	86.2	91.7	84.6	82.4	74.6	60.3	46.9	68.6
1964	45.6	37.0	50.7	62.1	75.4	83.4	91.7	87.4	77.5	71.1	54.5	48.7	65.4
1965	52.3	46.6	45.8	66.9	72.9	80.6	87.8	94.3	74.6	71.7	63.7	54.1	66.8
1966	42.0	44.0	62.1	64.4	78.2	84.2	91.3	83.8	79.7	69.5	61.1	47.1	67.3
1967	50.9	51.5	63.8	68.4	71.2	80.7	85.7	82.3	76.7	70.3	60.0	40.3	66.9
1968	47.5	51.7	56.1	61.0	70.3	86.2	85.4	81.8	73.6	71.7	51.8	47.7	65.8
1969	54.5	51.8	45.3	66.5	73.7	77.5	88.5	93.6	79.8	59.1	55.9	47.7	65.7
1970	45.2	56.2	49.5	61.6	75.6	83.1	88.4	89.1	78.0	61.1	55.4	55.1	66.5

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.0	19.2	21.9	31.7	44.1	48.1	59.2	57.7	46.6	35.6	22.3	15.8	34.7
1952	20.6	20.2	21.8	34.2	44.4	57.3	58.3	57.4	50.2	36.0	18.0	16.4	36.2
1953	22.1	18.3	27.4	30.3	40.9	55.6	60.3	55.3	50.0	37.3	28.0	15.7	36.9
1954	20.9	24.4	21.8	37.9	43.6	54.3	60.7	56.6	51.2	38.9	27.4	16.6	37.9
1955	17.5	11.2	21.2	33.7	43.3	49.0	58.1	56.7	43.5	36.1	20.2	20.7	34.7
1956	18.8	13.0	22.8	31.9	45.2	59.1	57.7	55.3	51.1	39.9	21.5	20.5	36.3
1957	14.4	26.7	26.2	30.3	41.8	49.9	58.5	57.4	47.0	39.9	23.3	21.0	36.3
1958	16.5	23.1	22.4	32.3	48.0	55.3	56.9	59.0	51.4	38.1	25.3	19.5	37.2
1959	11.0	20.9	23.6	32.9	44.1	54.2	57.3	59.0	47.9	35.5	20.7	22.1	35.8
1960	11.7	8.9	23.7	36.3	43.3	54.0	57.3	57.9	51.3	38.4	27.0	20.2	35.8
1961	18.0	20.3	27.3	30.7	43.3	53.3	57.4	58.3	44.9	35.1	23.9	14.6	35.6
1962	9.0	21.4	20.4	39.2	44.6	51.3	57.9	56.5	49.0	39.6	29.7	21.4	36.6
1963	6.1	22.2	26.0	38.0	46.1	56.0	61.6	57.5	52.8	44.5	28.9	14.7	37.9
1964	15.5	12.3	21.8	31.9	46.4	52.7	61.1	56.1	49.9	37.8	26.9	19.0	35.0
1965	20.5	14.5	15.7	35.8	44.2	51.8	59.2	55.4	45.7	38.6	31.3	22.5	36.3
1966	9.1	15.4	26.0	33.3	45.8	54.8	61.9	57.0	49.9	36.1	28.9	15.8	36.2
1967	19.3	20.5	28.7	37.4	40.2	51.7	54.9	55.0	48.2	36.9	26.0	14.3	36.5
1968	14.5	21.9	26.6	31.8	41.8	51.9	57.6	55.6	47.7	39.5	25.8	14.9	36.4
1969	21.8	20.7	19.2	37.5	47.2	49.3	60.7	59.5	51.8	32.7	25.1	19.6	37.1
1970	14.8	23.1	20.9	30.7	45.6	51.5	59.6	59.7	47.1	33.6	27.0	20.1	36.1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	28.5	37.1	37.6	46.2	58.8	64.7	75.4	73.3	63.9	51.9	38.1	31.8	50.6
1952	37.0	34.6	36.5	49.0	58.6	74.2	74.3	73.3	66.0	54.0	33.2	31.3	51.9
1953	37.9	34.2	44.1	46.5	55.7	72.6	75.7	71.9	67.4	54.2	43.2	30.3	52.8
1954	37.2	42.5	38.0	55.5	58.8	72.0	76.7	72.7	68.5	54.7	44.5	34.0	54.6
1955	32.5	27.7	38.9	43.6	57.7	69.2	74.3	72.0	65.9	55.1	38.1	37.7	51.2
1956	35.6	29.1	40.8	48.7	63.2	74.3	73.4	70.7	63.4	57.0	36.8	36.2	52.9
1957	31.7	43.2	39.9	44.3	54.9	66.2	73.5	72.3	63.3	53.7	35.2	38.3	51.4
1958	32.0	38.0	34.3	45.9	62.8	70.2	72.4	73.1	66.2	54.3	41.7	35.2	52.2
1959	25.6	34.2	38.6	48.6	59.6	69.9	72.8	73.2	64.2	50.2	38.2	35.5	50.9
1960	25.5	21.1	38.8	52.0	58.5	69.9	72.3	74.0	65.8	52.7	43.1	31.6	50.4
1961	33.0	33.7	40.7	47.3	58.9	69.2	72.1	72.0	60.3	52.8	37.6	28.7	50.4
1962	25.0	37.4	37.1	53.0	61.6	66.4	71.6	72.8	61.9	55.2	43.8	36.4	52.1
1963	22.6	36.5	41.8	54.0	62.6	71.1	76.7	71.1	67.6	59.6	44.6	30.8	53.3
1964	30.6	24.7	36.3	47.0	60.9	68.1	76.4	71.8	63.7	54.5	40.7	33.9	50.7
1965	36.4	30.6	30.8	51.4	58.6	66.2	73.5	69.9	60.2	55.2	47.5	38.3	51.6
1966	25.6	29.7	44.1	48.9	62.0	69.5	76.6	70.4	64.8	52.8	45.0	31.5	51.7
1967	35.1	36.0	46.3	52.0	55.7	65.2	73.3	68.7	62.5	53.6	43.0	27.2	51.7
1968	33.5	36.8	41.4	46.4	56.1	70.1	71.5	68.7	63.2	55.6	38.8	31.3	51.1
1969	38.2	36.3	32.3	52.0	60.5	63.4	74.6	74.1	65.8	45.9	40.5	33.7	51.4
1970	30.0	39.7	35.2	46.2	60.6	67.3	74.0	74.4	62.6	47.4	41.2	37.6	51.4

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TROY 1SE

05 8468 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAS			EXTREMES						MEAN NO OF DAYS			WIND, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN														.27	.91	1960	14	3.4	6.	1966	21	1.1	.1	0.0
FEB														.32	.53	1952	2	5.0	9.	1964	4	1.2	.1	0.0
MAR														.56	.74	1959	20	6.3	18.	1957	24	2.1	.2	0.0
APR														1.13	1.92	1969	4	3.5	13.	1955	13	2.7	.5	.1
MAY														2.13	4.27	1951	15	.1	0.	0	0	4.1	1.4	.4
JUN														1.66	4.02	1965	17	0.0	0.	0	0	3.6	1.2	.4
JUL														2.94	3.51	1958	6	0.0	0.	0	0	5.6	1.7	.8
AUG														2.23	2.30	1951	20	0.0	0.	0	0	4.6	1.5	.6
SEP														1.12	1.85	1963	21	0.0	0.	0	0	2.8	.8	.2
OCT														.77	1.93	1965	17	.8	4.	1960	15	2.1	.5	.1
NOV														.47	.93	1953	6	3.3	8.	1961	15	1.2	.1	0.0
DEC														.52	.67	1960	4	4.3	10.	1967	15	1.1	.1	0.0
ANNUAL														13.9				27.				32.	8.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.06	0.00	.63	.26	.60	.46	0.00	0.00	0.00	0.00	6.33
.10	0.00	0.00	.10	.12	.83	.40	.66	.67	.07	.02	0.00	.03	9.34
.20	.04	.05	.18	.30	1.13	.64	.99	.99	.22	.10	.09	.08	10.68
.30	.09	.11	.26	.47	1.40	.87	1.59	1.29	.38	.20	.17	.13	11.71
.40	.13	.16	.34	.65	1.84	1.11	2.09	1.78	.56	.32	.25	.18	12.66
.50	.19	.24	.44	.84	2.21	1.34	2.59	2.29	.78	.47	.34	.24	13.58
.60	.25	.32	.55	1.10	2.56	1.67	3.00	2.71	1.04	.66	.45	.31	14.55
.70	.34	.41	.68	1.39	2.91	2.03	3.31	3.03	1.37	.91	.64	.40	15.53
.80	.45	.51	.87	1.80	3.01	2.52	3.34	3.28	1.83	1.28	.77	.52	16.97
.90	.65	.75	1.18	2.48	3.71	3.56	4.20	4.20	2.63	1.92	1.07	.72	18.94
.95	.84	.95	1.48	3.14	4.36	4.08	4.72	5.07	3.41	2.57	1.37	.92	20.68
ALPHA	1.13	1.48	1.43	1.36	3.28	1.80	2.24	2.29	1.06	.81	1.30	1.28	13.51
BETA	.27	.26	.39	.87	.65	.92	1.31	.97	1.12	.40	.27	.27	1.03
Q	.10	.15	0.60	0.05	0.00	0.00	0.00	0.00	.05	.05	.10	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.38	.02	.38	.76	5.11	.79	3.72	4.71	.02	.67	.40	.05	17.01
1952	.23	.62	.56	3.14	1.43	.95	.33	1.06	.49	T	.41	.21	9.43
1953	.10	.15	.21	1.52	1.41	.51	2.67	2.20	.09	.10	1.64	.71	11.31
1954	.29	.56	.28	.12	1.55	1.15	3.81	2.17	.68	2.31	.37	.23	13.22
1955	.12	.21	.34	2.15	5.31	.50	1.15	1.99	.82	.10	.12	.23	13.04
1956	.19	.31	.51	.46	1.96	.79	3.61	2.94	.03	.41	.29	.07	11.54
1957	.14	T	1.96	3.44	2.85	.43	3.36	2.69	.52	.88	.92	.10	17.34
1958	.24	.56	1.50	.99	3.37	1.18	9.14	4.47	.85	.05	.22	.75	23.32
1959	.56	.25	1.03	.570	2.78	1.87	2.10	2.80	.28	2.27	.32	.52	15.35*
1960	1.17	.91	.35	.44	2.60	.78	3.97	.15	1.61	2.87	.07	1.49	16.41
1961	.04	.72	.52	.22	1.01	2.42	4.98	1.07	1.71	.80	.78	.08	14.35
1962	.79	T	.25	1.60	1.29	3.85	2.30	.27	.39	.16	.51	.06	11.47
1963	.03	.39	.17	.03	1.39	2.14	2.12	2.58	3.69	.28	T	.13	12.92
1964	.05	1.01	.07	.51	1.13	.39	.64	1.56	.29	.02	1.40	.09	7.20
1965	.23	.21	.36	.21	2.60	5.85	1.40	2.98	1.42	1.93	.00	.51	17.70
1966	.50	.11	.05	.39	.49	.80	2.37	2.55	2.88	.14	.05	.22	10.55
1967	.35	.12	.11	.50	.93	3.01	1.97	2.92	.90	.20	.38	.46	11.85
1968	T	.08	.76	1.32	1.32	.81	5.85	1.38	.55	.33	.45	.17	13.02
1969	T	.23	1.13	3.23	2.33	3.47	2.11	2.90	3.72	1.30	.20	.40	21.02
1970	.02	.00	.67	.91	1.74	1.55	1.06	1.15	1.55	.61	1.11	T	10.37

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							5.5	.3	5.0	7.0	T	.0	
51-52	T	.0	.0	T	6.0	1.0	4.0		6.0	T	.0	.0	
52-53	.0	.0	.0	.0		2.0	.7		.0	.0	T	.0	
53-54	.0	.0	.0	.0	5.0	9.0	4.0	6.0	3.0	.0	1.0	.0	28.0
54-55	.0	.0	.0	.0	1.0	4.0	T	2.0	5.0	16.0	.0	.0	28.0
55-56	.0	.0	.0	T	T	3.0	3.0	5.0	5.0	3.0	.0	.5	19.0
56-57	.0	.0	.0	.0	4.0	.5	2.0	T	25.5	T	.0	.0	32.0
57-58	.0	.0	.0	.0	8.0	1.5	3.2	3.5	14.0	6.0	.0	.0	36.2
58-59	.0	.0	.0	.0	4.5	12.0	9.0	6.0	10.0	.0	.0	.0	
59-60	.0	.0	.0	2.0	4.0	5.0	6.0	19.0	3.0	4.0	.0	.0	43.0
60-61	.0	.0	.0	4.0	T	16.0	1.0	14.0	4.0	3.0	.0	.0	42.0
61-62	.0	.0	.0	1.0	11.0	1.5	10.5	T	2.0	2.0	.0	.0	28.0
62-63	.0	.0	.0	.0	6.0	.5	1.5	4.0	2.5	.0	.0	.0	14.5
63-64	.0	.0	.0	T	T	2.5	1.4	17.0	T	4.0	.0	.0	24.9
64-65	.0	.0	.0	.0	2.5	3.0	4.0	6.5	3.0	.0	.0	.0	19.0
65-66	.0	.0	.0	.0	.0	3.5	8.0	2.0	T	1.0	.0	.0	14.5
66-67	.0	.0	.0	T	T	3.0	4.0	2.0	1.0	T	.0	.0	
67-68	.0	.0	.0	1.0	6.0	11.5	T	.9	10.0	1.0	.0	.0	30.4
68-69	.0	.0	.0	T	T	4.0	T	2.0	10.0	7.0	.0	.0	32.0
69-70	.0	.0	.0	5.0	T	3.5	.5	.0	8.5	8.5	.0	.0	26.0

CLIMATOLOGY REPORT NO. 77-1

TWIN LAKES RES

05 8501 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES					MEAN NO OF DAYS							SNOW, SLEET			MEAN NO OF DAYS					
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE	
										90 OR ABOVE	52 OR BELOW	32 OR BELOW												0 OR BELOW
JAN													.61	1.00	1956	27	8.6	26.	1965	1	1.0	.2	.1	
FEB													.52	1.32	1955	18	9.7	38.	1965	11	2.1	.1	.1	
MAR													.52	.53	1955	10	8.7	21.	1955	26	2.0	.1	0.0	
APR													.65	.78	1958	9	6.0	6.	1959	28	1.8	.1	0.0	
MAY	57.8	26.0	41.9	73.	1969	28	0.	1968	7	0.0	0.0	26.7	.3	.89	1.50	1957	9	1.3	8.	1969	7	2.4	.3	.1
JUN	65.8	33.5	49.7	79.	1970	27	23.	1970	2	0.0	0.0	11.7	0.0	.69	.90	1960	7	0.0	0.	0	0	2.6	.3	0.0
JUL	73.3	41.4	57.4	80.	1970	3	26.	1968	1	0.0	0.0	1.3	0.0	1.34	.82	1955	26	0.0	0.	0	0	4.0	.4	0.0
AUG	71.1	40.5	55.8	81.	1969	8	27.	1968	24	0.0	0.0	2.0	0.0	1.75	.95	1951	3	0.0	0.	0	0	5.4	.7	0.0
SEP	64.0	31.8	47.9	73.	1969	6	18.	1970	26	0.0	0.0		0.0	.96	1.10	1970	22	0.0	13.	1959	30	3.2	.5	.1
OCT	51.8	22.9	37.4	66.	1970	2	5.	1970	26	0.0	1.3	27.7	0.0	.68	.70	1963	21	2.5	18.	1961	30	2.5	.3	0.0
NOV	41.7	14.7	28.2	59.	1967	15	-13.	1968	29	0.0	3.8	29.5	1.5	.40	.88	1964	16		16.	1964	28	1.4	.1	0.0
DEC	33.0	4.0	18.5	52.	1969	14	-31.	1969	29	0.0		29.7		.86	1.32	1951	30	14.0	36.	1964	28	1.2	.2	.1
ANNUAL														9.9								30.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.01	0.00	.04	.12	.09	.04	.14	.35	0.00	0.00	.05	.05	6.75
.10	.03	.04	.08	.18	.15	.08	.24	.51	.17	.08	.08	.10	7.36
.20	.08	.12	.15	.28	.27	.16	.42	.77	.35	.19	.14	.21	8.16
.30	.15	.20	.22	.37	.40	.25	.61	1.01	.50	.30	.20	.33	8.77
.40	.24	.28	.30	.46	.53	.36	.81	1.24	.65	.41	.26	.46	9.31
.50	.36	.38	.39	.55	.68	.48	1.04	1.50	.81	.53	.32	.61	9.84
.60	.50	.49	.50	.66	.86	.63	1.30	1.79	.99	.67	.40	.80	10.39
.70	.71	.64	.64	.80	1.09	.83	1.54	2.13	1.20	.84	.49	1.04	11.00
.80	1.00	.84	.82	.97	1.40	1.10	2.09	2.59	1.45	1.08	.62	1.37	11.74
.90	1.53	1.17	1.14	1.25	1.91	1.57	2.54	3.33	1.93	1.47	.83	1.94	12.83
.95	2.07	1.50	1.44	1.53	2.41	2.03	3.58	4.02	2.36	1.66	1.03	2.50	13.77
ALPHA	.70	1.22	1.26	2.10	1.34	1.04	1.39	2.22	2.07	1.47	1.54	1.08	21.60
BETA	.87	.45	.41	.31	.66	.66	.96	.79	.49	.49	.25	.79	.46
Q	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	.06	.06	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TWIN LAKES RES 05 8531 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	1.00	.17	.03	.80	.56	.67	.49	1.68	.60	.66	.32	4.87	11.85
1952	1.01	.07	.93	.99	.61	.51	3.46	3.09	.75	.80	.61	.23	12.26
1953	.05	.90	.90	.80	2.01	.44							
1954												.49	
1955	.31	2.07	.91	.21	1.13	.02	3.26	3.37	.150	.20	.45	.14	12.22*
1956	2.22	1.16	.83		.87					.71	.37	.72	
1957	1.81	.19	.15	1.63	3.34	.23	1.32	1.63	T	.26	.650	.19	11.40*
1958	.05	T	.58	1.34	.25					.67	.29	.07	
1959	.56	.72	.21	.31	.52	.46	.24	.79	1.62	1.03	.04		
1960	.41	.77	.26	.13	.65	1.14	.92	.10	.75	.89	.09	.71	6.73
1961	.02	.29	.80	.87	.70	.17	.75	1.91	2.43	2.13	.65	.37	11.06
1962	1.58	.77	.15	1.11	.40	.02	.03	.40	.41	.67	.21	.45	6.20
1963	.59	.40	.55	.14	.26	1.22	.71	2.17	.93	.92	.16	.39	3.49
1964	.09	.370	.54	.76	.53	.41	.57	1.61	.33	.10	1.38	1.81	8.50*
1965	.37	.42	1.65	.72	.33	1.27	1.18	1.68	1.38	.99	.65	.56	10.71
1966	.03	.42	.12	.75	.61	.29	1.33	1.30	.45	.24	.62	1.84	7.70
1967	.24	.46	.06	.25E	1.22	1.63	1.14	2.36	1.24	.29	.23	1.24E	10.18*
1968	.06	.53	.38	.36	.30	.22	2.65	2.38E	.64	.36	.15	.23	3.04*
1969	1.16	.12	.08E	.20	2.64	2.11	1.62	1.07	1.05	2.07	.05	.64	12.22*
1970	.03	.01	.83	.40	.03	.84	1.68	2.22	3.32	.66	.34	.32	10.38

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								2.0	.0	.0	.0	.0	
51-52	.0	.0	.0		.0					.0	.0	.0	
52-53	.0	.0	.0	.0			.2					.0	
53-54													
54-55						7.5	6.0	23.8	23.0	1.0	.0	.0	
55-56	.0	.0		.0	12.0		21.0		9.5		.0	.0	
56-57				10.3		9.5	22.7			12.0	.0	.0	
57-58	.0	.0	.0	.0				T		21.3	3.0		
58-59			.0										
59-60	.0	.0					9.0				10.0	.0	
60-61	.0	.0	.0	2.0		18.0		8.0		12.0	2.0	.0	
61-62	.0	.0						26.5	5.0		T		
62-63											.0	T	
63-64	.0	.0	.0	4.0			.9					.0	
64-65	.0	.0	.0	2.0						4.0		.0	
65-66	.0	.0	.0			21.0						.0	
66-67	.0	.0	.0					10.5			2.0	.0	
67-68	.0	.0	.0	.0					6.0	3.0	.0	.0	
68-69	.0	.0	.0	1.0			.5	7.0		1.0		.0	
69-70	.0	.0	.0					.0			.0	.0	

TWIN LAKES RES 05 8501 1

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967					56.0	63.6	73.7	69.0	65.5M	57.7	45.3	29.0M	
1968	34.2M	36.2	40.4	42.6	54.7	70.2	72.1	67.4	62.7	55.3	38.6	32.7M	50.6*
1969	36.3	34.1		51.3	61.4	62.5	73.9	74.8	66.2	45.0	41.6	35.7	
1970			33.6	39.9	59.2	66.8	73.6	73.2	61.5	48.7	41.2	34.7	

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967					27.2	35.5	42.9	33.3	34.4M	27.3	14.3	1.6M	
1968	.1M	4.9	4.7	15.8	24.4	31.8	43.2	40.0	28.4	21.5	12.1	4.1M	19.0*
1969	7.3	- 3.5		19.5	29.0	34.2	41.7	41.5	32.8	20.4	14.7	5.2	
1970			4.9	10.5	23.6	32.7	40.9	41.2	31.5	22.5	17.7M	5.1	

TWIN LAKES RES 05 4501 1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	17.2M	20.6	22.6	29.2	41.6	49.5	58.3	54.2	50.0M	42.5	29.8	15.3M	
1969	21.8	15.3		35.4	45.2	48.4	57.8	58.2	49.5	32.7	25.2	20.5	34.9*
1970			19.3	25.2	41.4	49.8	57.3	57.2	45.5	35.6	29.5M	19.9	

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

TWO BUTTES

05 8510 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEAN'S		EXTREMES						MEAN NO. OF DAYS				SNOW, SLEET				MEAN NO. OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE		
									90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN.	47.4	17.3	52.4	81.	1951	26	-19.	1963	12	0.0	5.0	30.1	2.9	.27	.90	1960	14	3.1	1.	1965	22	.9	.1	0.0
FEB	45.7	21.8	55.3	82.	1962	11	-16.	1951	1	0.0	3.1	25.6	1.2	.29	.48	1964	3	3.7	9.	1964	4	1.2	0.0	0.0
MAR	56.0	25.6	43.8	91.	1963	28	-9.	1960	3	.1	2.1	24.6	.4	.49	.60	1959	20	3.3	3.	1955	31	1.9	.2	0.0
APR	67.6	36.4	52.0	93.	1965	22	10.	1964	5	.2	.1	9.8	0.0	.70	1.49	1969	15	.6	0.	0	0	2.0	.5	.1
MAY	78.0	46.3	62.2	99.	1963	8	20.	1967	1	4.3	0.0	1.2	0.0	2.32	6.60	1951	15	.2	0.	0	0	3.5	1.4	.3
JUN.	87.4	56.0	71.7	106.	1952	14	34.	1951	2	14.1	0.0	0.0	0.0	2.50	9.21	1965	17	0.0	0.	0	0	4.0	1.4	.5
JUL	92.7	61.2	77.0	106.	1953	1	46.	1952	8	22.0	0.0	0.0	0.0	1.90	1.54	1963	28	0.0	0.	0	0	5.0	1.6	.3
AUG	91.3	59.2	75.3	106.	1962	10	42.	1964	27	21.2	0.0	0.0	0.0	1.92	2.15	1965	20	0.0	0.	0	0	4.0	1.1	.5
SEP	83.2	50.1	66.7	101.	1959	6	29.	1961	25	8.6	0.0	.2	0.0	.81	1.32	1965	20	0.0	0.	0	0	1.8	.5	.2
OCT	72.9	39.3	56.1	92.	1964	1	18.	1957	26	.5	0.0	5.5	0.0	.68	2.89	1965	17	0.0	0.	0	0	1.7	.4	.1
NOV	56.9	27.0	42.0	84.	1964	2	-5.	1959	14	0.0	.6	23.0	.3	.41	.50	1962	17	1.1	0.	0	0	1.3	.1	0.0
DEC	48.5	20.4	34.5	81.	1955	24	-11.	1961	12	0.0	3.6	29.9	.9	.22	.33	1960	10	2.7	4.	1959	14	.8	0.0	0.0
ANNUAL	62.5	38.5	54.0							7.1	14.	150.	6.	12.5				15.				28.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	0.00	.33	0.00	.50	.56	0.00	0.00	0.00	0.00	7.04
.10	0.00	.00	.07	.12	.52	.20	.66	.74	0.00	0.00	0.00	.01	8.04
.20	0.00	.03	.16	.25	.86	.57	.96	1.01	.07	0.00	0.00	.04	9.49
.30	.03	.06	.24	.36	1.18	.66	1.20	1.25	.02	.06	.09	.07	10.60
.40	.09	.11	.32	.47	1.52	1.37	1.44	1.49	.06	.16	.18	.11	11.62
.50	.15	.17	.40	.58	1.89	1.83	1.69	1.73	.11	.30	.27	.15	12.63
.60	.23	.24	.40	.72	2.31	2.39	1.97	2.00	.16	.45	.38	.20	13.64
.70	.33	.34	.62	.83	2.84	3.03	2.30	2.37	.21	.76	.57	.27	14.64
.80	.47	.48	.78	1.03	3.44	3.85	2.73	2.80	.29	1.16	.72	.36	15.64
.90	.67	.74	1.03	1.64	4.09	4.85	3.43	3.57	.41	1.58	1.04	.53	16.64
.95	.95	1.01	1.28	1.77	5.80	7.24	4.03	3.96	.62	2.03	1.35	.69	17.64
ALPHA	1.01	.72	1.73	1.91	1.70	1.24	2.91	3.21	2.38	.70	1.21	1.01	9.83
BETA	.35	.43	.30	.39	1.36	2.14	.66	.60	.39	1.20	.43	.23	1.33
Q	.24	.06	.06	.06	0.00	.06	0.00	0.00	.13	.20	.20	.06	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TMC BUTTES

05 8510 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.55	.01	.29	.67	8.18	2.40	1.09	1.99	.18	.43	.44	T	16.23
1952	.15	.41	.48	1.54	.97	.40	.29	4.05	.88	.00		.03	
1953	T	.31	.75	.55	1.46	.72	1.96	1.00	.30	.34	.83	.38	8.00
1954	.10	.08	.17	.18	.93	.90	2.66	3.30	.42	1.46	.30	.02	15.22
1955	.07	.02	.33	.15	4.35	.21	.80	2.02	1.04	.01	.06	.33	9.33
1956	.25	.08	.120	.17	1.42	.92	3.50	1.74	.30	.03	.30	.01	8.54*
1957	.02	.10	1.26	1.26	2.91	2.30	1.25	1.20	.64	.67	.33	.04	12.58
1958	.57	.66	1.53	1.66	3.03	2.32	2.11	2.45	.32	T	.41	.13	15.16
1959	.35	.36	.85	.44	2.49	1.27	.94	1.47	.55	1.87	.10	.52	11.21
1960	1.15	1.19	.43	1.36	.99	2.71	1.23	.97	.65	1.50	.06	.50	12.74
1961	.00	.65	.35	.68	.46	2.61	3.83	1.82	.98	.65	1.06	.04	13.11
1962	.48	.02	.93	1.46	2.30	4.20	3.02	.57	1.13	.13	.73	.05	15.02
1963	.00	.18	.28	.42	2.05	2.12	2.92	.92	1.78	.15	.10	.43	11.32
1964	.03	.77	.18	.50	3.92	1.40	1.94	.65	.42	.30	1.20	.360	11.37*
1965	.10	.19	.40	.00	1.90	13.64	2.07	3.97	2.49	2.89	T	.45	28.10
1966	.72	.19	.07	.21	.34	.00		2.680	1.53		.00	.28	
1967	.00	T	.00	.69	3.69	4.34E	.85						
1968													
1969													
1970					.40								

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							7.8	T	3.5	.0	.0	.0	
51-52	.0	.0	.0	T	4.2	T	2.5		6.5	.0	.0	.0	
52-53	.0	.0	.0	.0		.8	.0			.0	.0	.0	
53-54	.0	.0	.0	.0	3.0	5.0		2.0	.0	.0	.0	.0	
54-55	.0	.0	.0	.0	.0	3.0	T		3.0	2.0	.0	.0	
55-56	.0	.0	.0	.0	.0	3.5	4.0	1.8			.0	.0	
56-57	.0	.0	.0	.0		.0	T		7.5		.0	.0	
57-58	.0	.0	.0	.0	.0	.0	4.0	4.5		.0	.0	.0	
58-59	.0	.0	.0	.0	4.5	3.0	7.9	7.0	7.5		.0	.0	
59-60	.0	.0	.0	.0			8.0		4.0		.0	.0	
60-61	.0	.0	.0	.0	.8		.0	11.0		.0	.0	.0	
61-62	.0	.0	.0	.0						.0	.0	.0	
62-63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63-64	.0	.0	.0	.0	.0		1.0	10.0	1.0	5.5	.0	.0	
64-65	.0	.0	.0	.0			1.0	3.0	5.0	.0	.0	.0	
65-66	.0	.0	.0	.0	.0	8.0	11.0	1.5	1.0	.0	.0	.0	21.5
66-67	.0	.0	.0	.0	.0	6.5	.0	.0	.0	.0	3.0	.0	
67-68	.0												
68-69											.0	.0	
69-70	.0	.0									.0		

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.4	37.2	40.1	48.8	60.6	64.5	70.0	75.6	65.2	53.4	37.9	31.1M	51.7*
1952	36.2	36.4	37.9	50.8	61.4	79.4	78.1	77.7	67.7	54.4		33.2M	
1953	41.2	36.4	46.3	49.0	58.9	77.2	77.3	74.9	63.9	56.3	43.4	31.5	55.2
1954	34.0	44.6	39.4	57.0	59.2M	74.4	79.5M	74.9	71.9	54.9	44.6	36.9	55.9*
1955	31.9	31.3	41.3	53.6	61.3	67.1	78.0	75.8	67.6	57.5	40.4	35.3	53.4
1956	33.6	31.1		49.4	65.6	75.4	74.3	72.6	65.9	57.8	40.7	38.1	
1957	30.0M	41.6	41.8	48.3	58.8	69.1	78.0M	75.9	65.1	55.1	39.7	41.1	53.8*
1958	34.0	35.7	32.4	49.2	64.3	72.2	74.4	76.2	68.8	59.8	42.6	35.2	53.4
1959	29.2	33.2	41.4	49.9	61.1	72.3M	74.6M	76.6	64.7	51.3	41.2	36.9M	52.7*
1960	29.2	25.7	38.3	55.7	60.5	71.7	74.2	75.8	67.0	55.6	43.6M	33.1	52.5*
1961	34.1	36.9	42.7	50.2	62.7	71.5	75.1	73.8	63.0	54.6	37.1M	30.1	52.7*
1962	26.0	37.7	39.6	52.6	65.7	69.4	74.5	76.6	66.1	58.2	43.6	36.3	53.9
1963	22.7	39.7	44.8	56.6	65.4	73.0	79.6	76.9	70.8	62.5	45.7	26.4	55.3
1964	35.2	28.6	39.2	49.6	62.2	70.5	81.0	73.8	65.7	55.6	43.6		
1965	38.9M	34.4	32.2	55.6	61.1	68.1	75.5	74.4	63.9	58.9	49.8	39.1	54.3*
1966	25.3	31.7M	45.9	48.5	66.3	73.1	80.1M	72.8M	63.0		35.4	31.9	
1967	39.9M	37.4	49.9	57.6	59.1	70.7M	77.2						
1968					54.5M								
1969						65.3M							
1970													

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

VALLECITO DAM

05 8582 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES						MEAN NO OF DAYS				SIGNS, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		JUL		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW											
JAN	58.2	6.5	22.4	58.	1956	9	-35.	1963	12	0.0	6.9	31.0	9.5	2.37	1.53	1952	18	29.4				5.9	1.2	.2
FEB	41.1	7.8	24.5	61.	1958	21	-31.	1951	1	0.0	3.6	28.2	8.1	1.57	1.11	1959	9	20.7				4.8	1.0	.1
MAR	46.1	15.1	30.7	69.	1966	31	-21.	1966	4	0.0	1.8	30.7	3.1	2.07	1.02	1952	11	23.8	29.	1965	29	5.5	1.1	0.0
APR	56.5	25.1	40.8	75.	1959	5	1.	1958	5	0.0	0.0	27.2	0.0	1.86	1.52	1966	22	9.5	26.	1952	1	4.7	1.2	.1
MAY	65.9	32.9	49.4	85.	1951	27	16.	1967	1	0.0	0.0	14.3	0.0	1.37	1.50	1968	12	1.4	0.	0	0	3.5	.7	.2
JUN	76.0	39.9	58.0	92.	1954	22	23.	1969	1	.2	0.0	2.8	0.0	1.06	1.96	1952	3	0.0	0.	0	0	3.3	.4	.1
JUL	81.7	47.7	64.7	92.	1958	11	36.	1970	1	1.1	0.0	0.0	0.0	2.61	1.98	1954	23	0.0	0.	0	0	6.7	1.2	.4
AUG	78.7	46.5	62.6	91.	1962	15	32.	1964	21	.3	0.0	0.0	0.0	3.07	2.78	1969	4	0.0	0.	0	0	8.4	1.6	.2
SEP	73.3	39.4	56.4	88.	1956	15	22.	1965	21	0.0	0.0	3.2	0.0	2.10	1.92	1958	13	0.0	0.	0	0	5.1	1.5	.4
OCT	63.1	30.7	46.9	81.	1963	1	11.	1970	28	0.0	0.0	20.2	0.0	2.32	2.34	1961	9	2.8	2.	1965	18	4.1	1.6	.6
NOV	48.9	21.6	34.8	67.	1967	15	-10.	1952	27	0.0	1.3	29.3	.5	1.90	1.63	1966	8	13.8	16.	1964	15	4.2	1.2	.2
DEC	39.7	11.6	25.7	61.	1958	2	-22.	1951	21	0.0	6.3	31.0	5.1	2.81	2.55	1966	6	28.5	30.	1964	31	5.1	2.0	.7
ANNUAL	52.1	27.0	43.1							2.	20.	218.	26.	25.1				130.				61.	15.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.41	.31	.39	.62	.26	.10	.66	.85	.15	0.00	.55	.40	16.47
.10	.62	.45	.57	.80	.38	.17	.91	1.14	.28	.11	.73	.63	15.09
.20	.96	.69	.88	1.05	.58	.31	1.28	1.58	.55	.38	1.00	.83	13.20
.30	1.29	.90	1.16	1.27	.77	.46	1.62	1.97	.83	.69	1.24	1.42	11.82
.40	1.62	1.11	1.44	1.48	.96	.62	1.95	2.35	1.16	.87	1.67	1.83	10.28
.50	1.98	1.34	1.70	1.70	1.35	.81	2.30	2.75	1.53	1.17	2.07	2.24	8.80
.60	2.40	1.60	2.10	2.04	1.75	1.10	2.71	3.18	1.94	1.41	2.52	2.82	7.69
.70	2.90	1.92	2.53	2.32	2.03	1.30	3.15	3.70	2.35	1.80	3.00	3.43	6.80
.80	3.57	2.33	3.09	2.57	2.53	1.57	3.16	4.38	3.35	2.60	3.60	4.29	6.00
.90	4.65	3.00	4.49	3.13	3.63	2.29	4.71	5.44	4.00	3.32	4.60	5.69	5.00
.95	5.68	3.63	4.86	3.64	3.19	2.91	5.60	6.43	6.02	7.38	3.91	7.04	35.29
ALPHA	1.95	2.19	2.09	3.87	2.11	1.30	2.77	3.04	1.14	.93	3.22	1.69	19.07
BETA	1.22	.72	.99	.46	.65	.82	.94	1.01	1.64	2.63	.54	1.66	1.32
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.60	.60	1.33	2.27	.75	.05	1.48	3.17	.60	2.10	1.91	7.27	24.13
1952	5.34	.50	2.86	2.13	.97	2.46	3.46	2.50	1.66	.00	3.30	.95	26.18
1953	1.45	.84	1.71	2.49	.83	.72	2.83	2.05	.20	4.67	2.70	1.31	21.84
1954	1.88	.38	2.71	.80	2.34	.49	5.46	1.88	3.34	1.41	.78	1.76	23.23
1955	1.70	3.27	.28	1.75	3.34	.40	1.69	4.28	.60	.03	2.09	2.67	22.35
1956	4.26	1.24	.85	1.15	.32	.56	2.23	.92	.10	1.89	.59	1.13	15.21
1957	7.81	1.23	1.95	3.63	3.40	1.09	6.02	5.08	.39	5.92	4.81	1.32	42.35
1958	1.32	2.15	3.73	2.15	.96	.57	.37	1.14	3.61	2.02	1.12	.31	19.45
1959	.49	3.20	.25	2.10	.85	1.15	1.53	3.46	1.90	5.46	.75	4.80	26.03
1960	2.49	2.52	1.54	1.47	1.23	.87	1.79	1.24	1.72	3.92	1.38	2.63	22.80
1961	.62	.76	5.59	1.77	.35	.43	1.93	4.32	2.92	4.60	1.25	2.05	26.59
1962	1.51	3.31	1.80	.76	1.27	.13	1.22	.54	2.39	3.71	2.20	2.02	26.86
1963	2.59	1.49	1.61	1.39	.43	.62	2.16	5.26	2.16	1.67	1.17	.67	21.22
1964	.91	1.01	3.20	2.72	.97	.18	2.63	5.56	2.78	.96	2.93	4.13	27.13
1965	2.76	1.76	2.70	3.84	2.39	1.25	3.19	1.69	3.34	1.65	3.46	6.13	34.17
1966	.78	1.90	.76	2.13	1.96	2.00	.47	2.37	1.34	.47	2.30	6.69	23.17
1967	1.44	.33	.70	.35	.90	1.46	2.59	4.71	2.23	.33	.62	5.63	21.09
1968	2.24	1.42	1.66	2.09	2.22	.48	4.05	2.31	.26	1.22	1.34	2.29	21.56
1969	4.80	3.17	1.99	.95	1.64	4.04	4.31	5.03	5.18	4.66	1.21	.54	36.93
1970	.49	.42	4.25	1.17	.21	2.31	2.53	3.97	5.66	1.52	2.08	1.69	26.30

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	38.8	41.3	44.0	56.3	66.3	76.6	86.5	79.4	76.9	61.0	45.3	35.1	59.3
1952	33.7	34.0	39.5	57.1	66.3	76.4	80.1	79.3	76.0	72.9	44.5	37.6	58.3
1953	43.1	41.2	49.6	55.5	60.9	79.1	82.6	74.6	79.1	63.8	52.1	38.1	60.4
1954	42.0	51.0	46.4	64.6	68.1	78.1	81.7	79.1	74.0	65.2	55.8	41.7	62.3
1955	35.1	35.8	47.7	55.7	62.8	74.7	82.4	79.3	75.4	69.1	46.4	40.3	58.9
1956	43.6	37.2	59.8	57.1	70.0	81.0	82.0	79.4	81.0	64.3	47.5	41.7	61.3
1957	36.1	45.1	47.2	52.4	58.1	75.1	77.5	75.3	73.4	57.1	42.6	42.5	56.7
1958	40.9	45.1	40.8	53.3	69.5	78.8	82.8	93.4	72.8	64.5	52.1	49.3	61.1
1959	42.9	40.3	49.5	53.7	65.8	79.8	83.9	77.9	72.6	63.7	46.8	44.2	60.3
1960	33.8	33.7	48.9	59.7	65.0	77.6	82.1	83.5	78.4	59.8	51.1	38.0	59.1
1961	41.3	42.7	46.2	56.1	67.3	79.7	82.4	78.1	67.1	60.6	44.4	35.5	58.5
1962	38.5	41.1	42.4	51.6	65.8	78.0	81.9	82.8	73.4	63.5	52.1	43.3	60.7
1963	32.0	43.6	46.2	56.3	70.3	75.6	84.4	76.8	74.8	67.5	51.8	40.9	60.0
1964	37.5	36.5	41.7	53.6	66.2	75.4	83.1	76.1	69.5	67.8	46.2	35.9	57.5
1965	38.1	39.9	41.9	53.6	61.1	70.0	78.3	77.5	65.6	65.9	52.0	40.5	57.2
1966	34.4	34.5	50.4	58.9	69.3	74.7	83.5	79.3	74.3	64.4	52.4	38.9	59.6
1967	37.4	43.7	52.7	56.8	65.2	70.4	81.5	75.0	73.4	65.7	53.1	34.2	58.8
1968	39.1	43.8	48.0	52.0	63.0	77.3	79.6	73.2	72.8	64.4	45.7	35.9	57.9
1969	38.0	38.6	41.5	59.6	68.6	70.6	79.1	73.7	73.7	53.1	49.0	42.3	57.5
1970	37.8	48.1	43.5	50.7	68.3	72.6	80.2	79.6	68.3	54.1	47.3	38.2	57.4

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	8.2	9.9	15.9	26.6	34.1	38.4	49.6	48.0	37.8	33.3	17.6	5.3	26.9
1952	6.8	2.9	8.6	26.6	33.7	42.1	47.5	48.3	43.4	30.6	16.7	8.7	26.1
1953	7.3	5.2	18.1	24.0	30.3	42.4	50.6	45.5	39.2	30.9	22.4	7.5	26.9
1954	9.3	13.2	17.1	29.2	33.5	39.6	48.7	44.9	42.3	34.1	24.3	13.7	29.2
1955	3.4	.1	15.3	22.5	31.5	37.5	45.2	48.3	33.7	30.7	20.0	13.6	25.7
1956	16.2	2.6	15.7	25.3	34.5	42.6	45.7	43.5	40.0	30.3	15.5	6.5	26.5
1957	11.9	16.6	17.3	23.5	31.3	39.3	48.1	47.5	35.0	32.4	16.6	13.2	27.8
1958	4.9	11.0	13.3	22.1	34.8	40.8	44.1	47.5	41.7	31.7	22.0	18.9	27.7
1959	10.1	7.8	16.9	26.3	34.5	44.4	47.4	48.4	33.7	29.9	16.5	16.6	28.1
1960	1.2	1.2	17.5	26.5	31.9	41.5	46.6	45.5	41.8	30.2	21.3	12.3	26.5
1961	2.4	9.2	18.6	24.0	33.7	41.6	46.4	48.5	37.0	29.9	19.6	5.7	26.4
1962	5.1	14.8	19.3	27.0	31.1	38.3	45.5	43.5	40.2	31.1	23.9	16.3	27.3
1963	.0	13.4	15.2	25.4	35.3	38.5	46.3	48.4	42.8	34.4	21.7	9.3	27.7
1964	1.5	.6	9.0	22.4	32.7	38.3	48.5	45.4	33.9	29.5	19.5	8.8	24.5
1965	8.4	4.0	12.6	28.3	31.9	37.7	48.4	44.7	37.1	30.5	24.5	16.5	27.1
1966	.6	.5	15.7	26.1	34.0	39.6	49.0	44.9	33.0	30.8	25.2	13.7	26.6
1967	5.9	10.3	23.3	25.4	32.0	39.0	49.3	45.8	40.5	31.2	22.3	8.3	27.7
1968	5.3	11.1	16.6	23.9	31.3	39.5	47.1	44.4	36.0	30.7	20.6	7.5	26.2
1969	13.0	5.5	10.5	26.6	34.3	35.5	49.3	43.1	41.1	28.9	20.3	16.2	28.0
1970	9.1	16.6	14.9	19.6	31.8	39.0	47.9	43.6	37.2	27.0	20.7	11.6	27.0

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	23.5	25.6	32.0	41.5	50.2	57.5	63.1	63.7	57.4	45.7	31.5	20.5	43.1
1952	20.3	20.5	24.1	41.9	50.0	59.3	63.8	63.8	58.2	50.8	30.6	23.2	42.2
1953	25.2	23.1	33.9	39.6	45.5	60.8	66.6	62.6	59.2	47.4	37.3	22.3	43.7
1954	25.7	32.1	31.8	46.9	50.8	58.9	65.2	62.0	58.2	49.7	40.1	27.7	45.8
1955	19.3	18.0	31.5	39.1	47.2	56.1	63.0	63.8	58.1	49.4	34.2	27.0	42.2
1956	29.9	19.9	33.3	41.2	52.3	61.8	63.9	61.5	60.5	47.2	31.5	24.1	43.9
1957	24.0	30.9	32.3	38.0	44.7	57.2	62.8	61.4	54.7	44.8	28.6	27.9	42.3
1958	22.9	28.1	27.1	37.7	52.2	59.8	63.5	65.5	57.3	48.1	37.1	33.9	44.4
1959	26.5	24.1	33.2	43.0	50.2	60.1	65.7	63.2	55.7	45.3	31.7	30.4	44.3
1960	17.5	17.5	33.2	43.1	48.5	59.6	64.4	64.5	59.1	45.0	36.2	25.2	42.8
1961	21.9	26.0	32.4	40.1	50.5	60.7	64.4	63.3	52.1	45.3	32.0	20.6	42.4
1962	21.8	28.0	26.4	44.3	48.5	57.2	63.7	63.2	56.8	47.3	38.0	33.4	43.8
1963	16.0	28.5	30.7	40.9	52.8	57.1	66.4	62.6	58.8	51.3	36.8	25.1	43.9
1964	19.5	18.0	25.4	38.0	49.5	56.9	65.8	60.8	54.2	48.7	32.9	22.4	41.0
1965	23.3	22.3	27.3	41.0	46.5	53.9	63.6	61.1	51.9	48.2	38.3	28.5	42.1
1966	17.5	17.5	33.1	42.5	51.7	57.2	66.3	62.1	56.7	47.6	38.8	26.3	43.1
1967	21.7	27.0	38.3	41.1	48.6	54.7	65.4	60.4	55.5	48.0	37.7	21.3	43.3
1968	22.2	27.5	32.3	38.0	47.2	58.4	63.4	58.8	54.4	47.6	33.2	21.7	42.1
1969	25.5	22.6	26.0	43.1	51.5	54.6	64.2	64.4	55.9	41.0	34.7	30.1	42.6
1970	23.5	32.4	29.2	35.2	50.1	55.8	64.1	64.2	52.8	40.5	34.0	24.9	42.2

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

VONA

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEARS		EXTREMES				MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST YEAR	DAY	RECORD LOWEST YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE			
							90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW														
JAN.											.40	1.17	1960	14	4.7	11.	1960	21	1.4	.1	.1			
FEB											.41	.66	1960	4	4.0	9.	1960	29	1.6	.1	0.0			
MAR											.81	.90	1952	21	8.3	12.	1960	4	3.1	.3	0.0			
APR											1.19	1.45	1953	23	4.3	7.	1964	5	2.9	.5	0.0			
MAY											2.62	2.06	1957	31	.7	5.	1954	2	5.1	1.6	.6			
JUN											2.10	1.65	1965	17	0.0	0.	0	0	5.0	1.4	.3			
JUL											2.75	2.11	1960	4	0.0	0.	0	0	5.4	1.9	.5			
AUG											1.93	3.20	1963	4	0.0	0.	0	0	3.8	1.4	.3			
SEP											1.30	2.22	1963	8	.2	1.	1959	30	3.2	.8	.2			
OCT											.97	1.71	1960	19	3.0	6.	1969	30	2.6	.6	.1			
NOV											.54	.76	1951	5	4.5	6.	1961	13	1.6	.1	0.0			
DEC											.39	.55	1953	3	3.9	7.	1954	27	1.2	.1	0.0			
ANNUAL											15.4				33.				37.	9.	2.			

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.23	.11	.93	.19	.64	.47	0.00	.07	0.00	.04	8.77
.10	0.00	0.00	.31	.20	1.18	.34	.90	.65	.28	.14	.08	.07	9.95
.20	.07	.08	.42	.36	1.53	.62	1.30	.94	.51	.26	.17	.12	11.52
.30	.14	.16	.52	.52	1.83	.91	1.66	1.19	.71	.40	.26	.18	12.74
.40	.21	.24	.62	.70	2.12	1.23	2.02	1.44	.90	.55	.34	.23	13.86
.50	.29	.33	.73	.91	2.41	1.59	2.49	1.70	1.11	.72	.43	.30	14.96
.60	.38	.42	.84	1.15	2.73	1.88	2.82	1.94	1.34	.92	.54	.38	16.12
.70	.50	.53	.98	1.45	3.01	2.17	3.33	2.08	1.61	1.18	.67	.47	17.43
.80	.66	.68	1.16	1.86	3.33	2.46	3.69	2.28	1.94	1.54	.84	.61	19.04
.90	.94	.93	1.43	2.55	3.66	2.80	4.09	2.52	2.56	2.14	1.13	.83	21.64
.95	1.21	1.16	1.69	3.23	5.00	5.76	6.04	4.20	3.11	2.73	1.40	1.04	23.56
ALPHA	1.23	1.69	3.10	1.33	4.24	1.29	2.56	2.67	2.18	1.20	1.67	1.38	11.52
BETA	.36	.29	.26	.90	.62	1.62	1.07	.72	.63	.81	.34	.28	1.34
Q	.10	.15	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER H₁Y₁ = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

VONA

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.47	.45	.36	1.55	3.15	4.52	4.01	1.33	1.12	.95	1.30	.28	19.19
1952	.22	.85	1.26	2.15	1.60	.02	1.64	1.57	1.75	.33	.89	.57	12.86
1953	.20	.34	.34	3.41	2.42	.95	2.92	1.59	.30	.52	.93	.69	14.41
1954	.33	T	.36	.12	1.46	.67	.29	1.50	.51	.75	.34	.63	6.64
1955	.25	.44	.41	.97	2.80	2.77	.45	.83	.72	.44	.21	.15	10.44
1956	.31	.35	.55	.30	.73	.55	1.94	1.50	.89	.67	1.23	.35	9.38
1957	.34	T	1.23	2.95	7.31	1.42	4.37	2.51	1.16	.65	.42	.21	22.52
1958	.43	.64	1.29	1.60	3.02	2.73	5.81	1.46	2.33	1.03	.25	.35	26.64
1959	.73	.15	1.22	.54	2.38	1.58	.97	2.74	1.31	1.92	.11	.32	13.97
1960	1.72	1.75	.75	1.28	3.50	2.23	3.64	.21	.77	2.51	.53	1.50	20.43
1961	.02	.33	1.45	.78	3.78	2.97	2.36	3.34	1.78	.35	1.04	.42	18.52
1962	.90	.23	.77	.43	2.81	1.97	3.97	1.93	.76	.35	.56	.38	14.66
1963	.66	.22	1.97	.10	2.08	1.72	3.15	3.99	3.72	.18	.38	.37	13.55
1964	T	.84	1.11	1.78	3.13	.62	1.07	.40	.56	.02	.44	.02	5.99
1965	.47	.71	.50	.07	1.42	6.62	2.23	3.90	3.38	.88	.00	.51	20.69
1966	.55	.32	.41	1.29	.94	2.35	4.31	1.27	2.43	.72	.05	.11	14.75
1967	.38	.02	.17	.44	3.56	3.53	2.87	1.47	1.74	.75	.69	.42	16.04
1968	.03	.23	.71	1.21	1.85	.47	4.13	1.46	.22	.20	.53	.56	11.54
1969	.04	.38	.62	1.76	2.06	.67	2.50	2.58	.33	4.10	.50	.21	15.75
1970	T	.00	.79	1.03	2.33	3.67	2.45	3.30	.76	2.06	.67	.02	17.09

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							5.0	5.0	4.5	6.5	.0	.3	
51-52	.0	.0	.0	1.0	9.5	3.0	2.0	8.0	11.5	1.0	.0	.0	36.0
52-53	.0	.0	.0	1.0	7.0	5.5	2.0	3.5	3.0	8.5	.0	.0	30.5
53-54	.0	.0	.0	.0	9.0	7.5	4.0	T	3.0	.5	7.0	.0	31.0
54-55	.0	.0	.0	.0	.5	8.0	3.0	4.5	4.0	2.0	.0	.0	22.0
55-56	.0	.0	.0	2.0	2.5	2.0	5.0	4.0	9.0	3.5	.0	.0	28.0
56-57	.0	.0	.0	3.0	12.0	4.5	4.5	T	9.5	11.0	.0	.0	44.5
57-58	.0	.0	.0	1.0	2.0	3.0	4.5	4.0	13.0	12.0	.0	.0	39.5
58-59	.0	.0	.0	2.0	3.5	3.0	9.0	1.5	10.5	4.0	.0	.0	33.5
59-60	.0	.0	3.5	10.0	T	3.5	16.0	16.0	6.0	3.0	.0	.0	58.5
60-61	.0	.0	.0	2.0	5.0	12.5	T	4.0	13.0	5.0	2.0	.0	43.5
61-62	.0	.0	.0	.0	9.0	5.0	11.0	2.5	7.0	T	.0	.0	34.5
62-63	.0	.0	.0	.0	5.0	1.0	10.0	2.0	21.0	.0	.0	.0	39.0
63-64	.0	.0	.0	.0	3.0	5.0	T	8.5	14.0	16.0	.0	.0	46.5
64-65	.0	.0	.0	.0	6.0	T	6.0	13.0	3.0	.0	.0	.0	30.0
65-66	.0	.0	.0	.0	.0	3.0	6.5	1.0	5.0	2.0	.5	.0	18.0
66-67	.0	.0	.0	6.0	T	1.0	5.0	T	1.0	T	.0	.0	13.0
67-68	.0	.0	.0	T	7.0	5.0	.0	1.0	7.0	4.0	2.0	.0	26.0
68-69	.0	.0	.0	.0	1.0	4.0	T	4.0	7.0	.0	.0	.0	16.0
69-70	.0	.0	.0	25.0	4.0	1.0	T	.0	9.0	7.0	2.0	.0	48.0

CLIMATOLOGY REPORT NO. 77-1

WAGON WHEEL GAP 3N 05 8742 5

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR'S	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	EXTREMES						MEAN: NO OF DAYS				SNOW, SLEET				MEAN: NO OF DAYS						
				RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX.		MIN.		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	32.5	-8.1	12.1	57.	1967	24	-39.	1965	12	0.0	14.1	31.0	24.5	.45	.60	1952	14	7.8	32.	1952	19	1.6	0.0	0.0
FEB	36.9	-4.5	16.6	62.	1954	11	-36.	1965	13	0.0	9.1	28.2	17.9	.36	.27	1966	8	6.1	25.	1968	18	1.5	0.0	0.0
MAR	41.8	5.1	23.6	63.	1967	18	-26.	1965	5	0.0	4.7	31.0	10.5	.62	.45	1965	25	8.7	29.	1965	25	2.5	0.0	0.0
APR	51.5	18.4	34.9	79.	1962	18	-10.	1965	11	0.0	.6	29.7	.5	.83	1.05	1958	8	8.8	12.	1958	8	3.0	.2	.1
MAY	62.2	25.6	43.9	83.	1964	17	5.	1970	14	0.0	0.0	27.4	0.0	.77	1.10	1959	9	.4	4.	1969	7	2.1	.5	.1
JUN	71.9	30.7	51.4	96.	1958	26	14.	1954	7	.1	0.0	20.4	0.0	.72	.66	1969	26	0.0	3.	1969	26	2.2	.2	0.0
JUL	77.4	39.0	58.2	88.	1963	20	22.	1968	1	0.0	0.0	3.5	0.0	2.13	2.58	1957	20	0.0	0.	0	0	6.4	.7	.1
AUG	74.7	38.4	56.6	85.	1960	31	21.	1964	28	0.0	0.0	5.9	0.0	2.27	.85	1952	21	0.0	0.	0	0	7.9	.8	0.0
SEP	69.6	29.0	49.3	83.	1960	6	11.	1970	25	0.0	0.0	21.6	0.0	1.17	1.75	1970	6	.1	1.	1964	21	4.1	.5	.1
OCT	61.5	19.1	39.7	78.	1967	14	-2.	1969	7	0.0	.3	30.0	.1	1.20	1.80	1959	1	.6	18.	1961	30	3.1	.8	.2
NOV	44.9	6.3	25.6	67.	1967	14	-32.	1952	27	0.0	4.3	30.0	8.3	.65	1.05	1964	15	9.9	13.	1951	24	2.5	.5	.1
DEC	35.7	-5.4	14.2	58.	1958	4	-40.	1961	12	0.0	12.9	30.9	21.7	.74	.95	1951	31	11.0	28.	1964	31	2.5	.4	0.0
ANNUAL	54.9	16.2	35.6							0.	46.	290.	85.	11.9				53.				39.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.06	.14	.34	.11	.06	.52	.86	.05	0.00	0.00	.05	7.00
.10	.06	.09	.20	.41	.17	.11	.72	1.37	.12	0.00	.04	.09	7.89
.20	.13	.14	.29	.52	.26	.21	1.03	1.36	.25	.21	.20	.18	9.06
.30	.20	.24	.37	.61	.39	.31	1.31	1.63	.41	.46	.30	.28	9.97
.40	.28	.34	.45	.70	.50	.42	1.58	1.87	.59	.69	.40	.40	10.80
.50	.35	.30	.54	.78	.62	.56	1.87	2.11	.80	.93	.51	.53	11.63
.60	.45	.36	.63	.87	.77	.69	2.19	2.38	1.07	1.21	.64	.69	12.46
.70	.56	.44	.75	.98	.94	.88	2.54	2.49	1.41	1.54	.81	.90	13.22
.80	.71	.54	.90	1.11	1.18	1.14	3.08	3.08	1.89	1.89	1.02	1.19	14.60
.90	.97	.72	1.14	1.32	1.56	1.56	3.88	3.68	2.73	2.71	1.37	1.68	16.35
.95	1.21	.88	1.37	1.51	1.93	1.98	4.62	4.23	3.56	3.41	1.72	2.17	17.90
ALPHA	1.53	1.80	3.48	5.26	1.45	1.79	2.45	4.48	.96	1.63	1.59	1.08	12.72
BETA	.31	.20	.25	.16	.46	.56	.80	.49	1.22	.66	.43	.69	.92
Q	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.15	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

WAGON WHEEL GAP 3N 05 8742 5

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.45	.62	.31	1.06	.23	.17	.72	2.51	.10	.98	.97	1.61	9.62
1952	1.72	.15	.98	1.22	.65	.31	2.95	4.37	1.07	T	.79	.32	14.24
1953	.13	.39	.57	.78	1.73	.81	2.81	.96	.10	1.48	.48	.02	10.26
1954	.30	.13	.70	.53	1.57	.08	3.45	2.05	1.43	.49	.830	.20	11.71*
1955	.45	.36	.08	.73	1.91	.53	1.73	1.79	.50	T	.42	.53	8.57
1956	.58	.24	.23	1.19	.44	.53	.69	1.20	.35	1.13	.37	.52	7.16
1957	1.57	.05	1.06	1.30	1.40	.53	5.92	3.35	.02	2.59	1.72	.04	19.22
1958	.45	.25	.80	1.55	.55	.59	1.15	2.07	.63	.76	.30	.10	9.17
1959	.16	.91	.30	.68	1.37	1.07	.62	4.62	1.08	3.95	.23	.72	15.11
1960	.67	.67	.53	.52	.35	.36	.98	.61	.28	1.74	.09	.66	7.66
1961	T	.08	1.55	1.20	.26	.37	.95	3.13	1.58	3.12	.60	.59	13.43
1962	.27	1.14	.40	.44	.28	.05	1.15	1.33	1.75	.97	.33	.50	8.61
1963	.33	.22	.65	.25	.32	.39	1.35	1.33	1.23	.47	.55	.33	7.68
1964	.12	.35	.73	.88	.430	.58	2.38	2.55	1.64	T	3.11	1.45	14.32*
1965	.40	.25	1.10	1.10	1.09	1.01	1.73	2.34	2.76	.98	.67	1.83	15.20
1966	.05	.33	.12	.58	1.060	1.72	1.96	.97	1.16	.34	.75	.67	9.81*
1967	.35	.14	.45	.42	.42	1.53	1.97	3.24	1.54	.17	T	3.00	13.23
1968	.30	.27	.36	1.02	.35	.08	3.62	2.72	.57	.34	.45	.87	10.95
1969	.43	.55	.52	.47	.95	2.81	4.27	1.35	1.54	3.26	.15	.21	17.11
1970	.10	.08	.92	.73	.04	.97	2.57	2.35	4.50	1.31E	.17	.62E	14.96*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							8.0	11.5	5.0	7.5	T	.0	
51-52	.0	.0	.3		15.5	25.0	27.3	1.2	19.5	5.0	1.0	.0	
52-53	.0	.0	.0	.0	10.0	7.5	2.5	5.5	3.5	9.0	5.0		
53-54													
54-55		.0		.0		4.0		8.0	1.0	7.7	.0	.0	
55-56	T	.0	.0	.0	5.5	4.1	9.5	5.0	3.5		T	.0	
56-57	.0	.0	.0			9.5	24.0	1.0	15.5	15.5	1.5	.0	
57-58	.0	.0	.0				7.0	4.5	14.5	16.5	T	.0	
58-59	.0	.0	.0	6.0	6.0	2.0	3.0	17.5		2.0	T	.0	
59-60	.0	.0	T		.9	12.0	9.0		8.5	2.0	T	T	
60-61	.0	.0	.0			11.5	T				T	.0	
61-62	.0	.0	T		12.0	8.0			9.0		.0	.0	
62-63	.0	.0	.0	.0		7.5			10.0		T	.0	
63-64	.0	.0	.0	.0			3.0	7.0				.0	
64-65	.0	.0	1.0	T	47.5		8.0	4.5		12.0	T	.0	
65-66	.0	.0	T			27.5	.5	7.0			T	.0	
66-67	.0	.0	.0	T	6.0			2.7			.0	.0	
67-68	.0	.0	.0	.0	T		7.0	4.1		11.0	.0	.0	
68-69	.0	.0	.0	.5		13.0		9.5	10.0			.0	
69-70	.0	.0	.0		3.5		.2	2.3			.0	.0	

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.7	41.0	42.4	50.8	61.9	70.0	79.3	74.6M	72.1M	58.5	39.1	30.4	54.7*
1952	28.1	32.6	37.3	52.8	61.8	74.0	76.7	73.9	70.5	67.0	41.5	26.8	53.6
1953	39.2	36.6	45.3M	50.0	55.5	74.2	77.7	75.3	73.4	59.7	46.4	37.5M	55.9*
1954	39.8	49.0	42.5	59.8	64.5	73.6	76.6	74.2M	70.6	63.2M	53.7	32.6	58.3*
1955	28.2	32.4	44.3	49.0	60.6	69.8	77.0	76.4M	72.7M	65.7M	44.5	37.4	54.8*
1956	38.0	32.6	45.8	52.5	65.7	77.1	79.1	73.6M	76.4	61.9M	37.8	29.9	55.9*
1957	30.7	40.5	42.3	48.6	55.6	71.2M	73.5	73.7	70.4	54.7	35.5	34.7	52.6*
1958	30.5	39.9	38.3	48.0	65.4M	75.3M	78.0M	77.9	70.2	63.9M	46.3M	44.5	56.5*
1959	39.6	35.5	43.0	52.1	61.1	74.7	80.2M	73.4	68.8M	54.2M	45.1	37.3	55.4*
1960	23.4	28.9	45.9M	54.4M	62.5	73.9M	78.9M	78.6	72.4M	56.6M	49.8M	32.5	54.8*
1961	32.9	41.0	43.5	49.6	63.2	75.9	77.0	73.9	64.5	59.7	36.7	28.3	53.9
1962	29.3M	38.1	37.3M	55.7M	52.3	67.2M	71.0M	76.7M	76.5	69.3M	63.5	40.6	56.8*
1963	32.6	43.4	43.1	52.3	67.2M	71.0M	80.2	74.0	73.1	65.7M	48.3	30.9	56.8*
1964	30.6M	31.2	35.8	49.0	64.6M	71.2	76.5	73.7	67.2	65.1	41.7	26.2M	52.9*
1965	28.5	38.0	48.7	48.7	57.8	67.2	76.0M	73.6	63.1	64.7M	48.7	30.5	52.9*
1966	21.2M	38.5	49.2	54.1	65.6M	71.0	77.9	76.4M	70.3	61.8	46.6	33.5	53.4*
1967	34.2	38.5	49.2	52.5	59.5	66.9	77.3	73.7M	66.7	62.7	52.1	29.9	55.3*
1968	25.1	34.8	42.3	45.6	60.1	73.7	74.9M	69.6	66.1M	61.1	44.0	33.5	52.8*
1969	37.9	32.4	38.3	54.2	65.6	66.6	75.8	75.6M	67.2M	47.8	45.5	40.2	53.9*
1970	34.5	44.5	40.0	45.9	63.1	69.0	75.8	75.6M	64.5	48.1	43.6	36.3	53.4*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	- 2.7	.2	6.5	19.5	26.2	27.0	39.6	38.5M	24.4M	17.6	.6	-10.2	15.6*
1952	-13.9	-13.6	- 5.5	21.7	26.9	32.8	38.4	40.5	29.2	16.1	.3	-12.9	13.3
1953	- 1.5	- 6.3	10.2M	18.3	25.4	31.6	40.5	34.8	25.1	19.5	9.7	1.2M	17.4*
1954	- 2.1	6.2	10.8	20.9	28.8	31.1	43.1	37.5M	31.5	24.3M	12.2	- 8.5	19.7*
1955	-14.1	-10.9	8.6	15.2	25.5	29.0	37.5	42.0M	26.6M	15.1M	4.8	- 2.2	14.8*
1956	1.1	- 8.4	8.8	18.6	26.1	32.6	36.8	33.5M	25.5	17.6M	- .9	-10.0	15.1*
1957	- 5.3	3.8	9.4	19.8	27.1	31.8M	42.4	41.2	25.9	22.6	.2M	- 3.8	17.9*
1958	- 9.4	1.7	4.7	16.7	26.0M	30.4M	33.8M	38.7	31.3	18.0M	9.0M	4.5	17.1*
1959	- 2.3	- 3.5	9.4	20.2	26.5	35.0	37.3M	42.1	28.2M	19.9M	9.5	.4	18.6*
1960	-15.9	-12.8	9.1M	20.3M	23.6	31.4M	35.8M	34.2	30.7M	22.0M	8.5M	- 4.1	15.2*
1961	-12.5	1.9	11.2	18.0	25.1	31.6	36.7	43.3	30.0	19.5	- .9M	-11.4	16.0*
1962	- 7.6M	.1	- 5.8M	21.3M	25.4	29.3	37.0M	34.0	30.7M	21.1	11.6	.4	16.5*
1963	- 8.5	5.9	5.8	19.5	26.5M	30.2M	39.6	41.8	34.7	23.3M	5.9	-11.3	17.8*
1964	-14.6M	-12.3	- 3.2	18.0	25.9M	28.4	40.9	36.7	32.0	16.1	2.6	-12.1M	13.2*
1965	- 6.4M	-11.9	- 2.3	13.9	25.1	28.6	38.7M	35.1	28.8	17.4M	10.2	- 8.7	14.0*
1966	-20.3	-15.8	2.6	18.2	24.3M	31.4	40.2	34.7M	27.3	17.7	8.7	- 2.7	13.9*
1967	- 5.9	- 1.9	15.2	18.3	24.5	31.3	40.0	38.4M	32.0	17.9	7.0	- 6.5	17.5*
1968	-13.6	- 5.3	1.3	14.1	23.5	26.8	38.6M	37.2	25.1M	19.5	8.1	- 6.5	14.2*
1969	- 1.9	- 7.4	.7	22.5	26.2	31.7	42.6	42.1M	33.0M	18.3	8.2	.9	17.8*
1970	- 5.3	4.5	6.9	14.1	22.8	30.5	39.9	41.9M	28.9	18.5	10.5	- 3.7	17.5*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	17.0	20.6	24.5	35.2	44.1	48.5	53.5	56.6M	48.3M	38.1	19.9	10.1	35.2*
1952	7.1	9.5	15.9	37.3	44.4	53.4	57.6	57.2	43.3	41.6	20.9	7.0	33.5
1953	18.9	15.2	27.4M	34.2	40.5	52.9	54.1	55.1	49.3	39.6	28.1	19.4M	36.7*
1954	18.9	27.6	26.7	40.4	46.7	52.4	59.3	55.9M	51.1	43.8M	33.0	12.1	39.0*
1955	7.1	10.8	26.5	32.1	43.1	49.4	57.3	53.2M	43.7M	40.4M	24.7	17.5	34.8*
1956	19.6	12.1	27.3	35.6	45.9	54.9	58.0	53.6M	51.0	39.8M	18.5	10.0	35.5*
1957	12.7	22.2	25.9	34.2	41.4	51.5M	53.0	57.5	48.2	38.7	17.9M	15.5	35.3*
1958	10.6	20.8	21.5	32.4	45.7M	52.9M	55.3M	58.3	50.8	41.3M	27.7M	24.5	36.8*
1959	18.7	16.0	26.2	36.2	43.8	54.9	58.3M	57.8	44.5M	37.1M	27.3	18.9	37.0*
1960	3.8	8.1	27.5M	37.4M	43.1	52.7M	57.4M	56.4	51.5M	39.3M	29.2M	14.2	35.1*
1961	10.2	21.5	27.4	33.8	44.2	53.8	56.9	58.6	47.3	39.6	17.9M	8.5	35.0*
1962	10.9M	19.1	15.8M	35.0M			56.9M	55.3	50.0M	42.3	31.3	20.5	
1963	12.1	24.7	24.5	35.9	46.3M	50.6M	59.3	57.9	53.9	44.5M	27.1	9.8	37.3*
1964	8.0M	9.5	16.3	33.5	45.3M	49.8	59.7	55.2	49.5	40.5	22.2	7.1M	33.1*
1965		8.3	17.9	31.3	41.5	47.9	57.4M	54.4	46.0	41.1M	29.5	16.9	
1966	.5M			36.2	45.0M	51.2	59.1	55.5M	48.8	39.8	27.7	15.4	
1967	14.2	18.3	32.2	35.4	42.0	49.1	53.7	56.1M	49.4	40.3	29.6	11.7	36.4*
1968	6.3	14.8	21.8	29.9	41.8	51.3	56.8M	53.4	46.5M	40.3	26.1	13.5	33.6*
1969	18.3	12.5	18.8	37.4	45.9	49.2	53.2	58.9M	52.1M	37.1	26.9	20.6	35.9*
1970	14.6	24.5	23.5	30.0	43.0	49.8	57.3	58.8M	46.7	33.3	27.1	16.3	35.5*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- † Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WALDEN

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)													PRECIPITATION (INCHES)										
	MEANS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR		RECORD LOWEST	YEAR		90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	-10 OR MORE	-50 OR MORE	1.00 OR MORE
					YEAR	DAY		YEAR	DAY															
JAN	27.7	2.0	15.3	48.	1954	6	-48.	1963	12	0.0	21.0	30.9	12.9	.50	.45	1969	23	7.7	32.	1952	1	2.1	0.0	0.0
FEB	30.7	4.3	17.5	53.	1954	8	-49.	1951	1	0.0	15.0	28.2	10.7	.40	.37	1957	9	6.0	23.	1957	9	1.6	0.0	0.0
MAR	36.2	9.5	22.9	61.	1953	20	-32.	1956	12	0.0	10.6	30.9	6.8	.44	.46	1958	16	6.2	19.	1952	2	1.9	0.0	0.0
APR	48.8	20.0	34.4	72.	1969	22	-5.	1964	4	0.0	1.6	29.0	.6	.60	.62	1967	25	5.3	13.	1952	1	2.1	.1	0.0
MAY	61.0	28.0	44.5	80.	1969	27	10.	1967	1	0.0	0.0	23.4	0.0	.98	.75	1957	9	2.9	5.	1968	6	3.1	.3	0.0
JUN	70.4	35.5	53.0	89.	1954	23	21.	1970	1	0.0	0.0	7.9	0.0	1.13	1.16	1969	17	.3	0.	0	0	3.2	.4	.2
JUL	77.7	39.3	58.5	91.	1954	12	23.	1968	1	0.0	0.0	2.7	0.0	1.41	2.19	1952	28	0.0	0.	0	0	3.6	.6	.1
AUG	74.7	36.9	55.8	87.	1969	10	20.	1968	30	0.0	0.0	7.3	0.0	1.48	.86	1951	2	0.0	0.	0	0	4.8	.4	0.0
SEP	67.7	28.6	48.2	87.	1959	5	5.	1959	30	0.0	0.0	21.0	0.0	1.05	.96	1961	22	1.5	6.	1961	22	3.9	.4	0.0
OCT	56.2	20.5	38.4	75.	1963	4	-3.	1954	27	0.0	.6	28.9	.2	.75	.83	1966	3	3.4	8.	1970	7	2.4	.4	0.0
NOV	40.2	12.1	26.2	66.	1953	16	-27.	1957	22	0.0	6.8	29.5	5.3	.54	.75	1968	16	6.9	18.	1955	15	2.1	.1	0.0
DEC	30.0	4.7	17.4	53.	1962	16	-35.	1962	26	0.0	18.9	30.9	10.7	.61	.90	1951	30	8.6	32.	1951	31	1.8	.1	0.0
ANNUAL	51.8	22.2	36.0							0.	75.	271.	47.	9.9				49.				33.	3.	0.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.08	.11	.13	.09	.32	.10	.27	.54	0.00	0.00	.15	.09	6.77
.10	.12	.15	.17	.14	.41	.18	.39	.68	.13	0.00	.20	.15	7.36
.20	.20	.21	.23	.23	.57	.33	.60	.88	.30	.15	.28	.23	8.14
.30	.27	.27	.29	.31	.67	.42	.79	.97	.47	.28	.35	.32	8.73
.40	.34	.31	.34	.39	.78	.66	.98	1.01	.63	.41	.41	.41	9.25
.50	.42	.36	.40	.49	.90	.86	1.19	1.11	.82	.56	.48	.50	9.76
.60	.51	.42	.46	.60	1.03	1.09	1.43	1.55	1.03	.73	.56	.61	10.29
.70	.61	.49	.54	.73	1.18	1.35	1.72	1.76	1.30	.94	.65	.75	10.87
.80	.76	.56	.63	.91	1.37	1.76	2.16	2.02	1.66	1.23	.77	.93	11.59
.90	1.00	.71	.77	1.19	1.67	2.45	2.72	2.43	2.25	1.71	.96	1.22	12.63
.95	1.22	.84	.91	1.47	1.95	3.11	3.30	2.80	2.83	2.17	1.14	1.50	13.53
ALPHA	1.86	3.06	3.18	1.77	3.69	1.29	2.09	4.41	1.50	1.35	3.01	1.79	22.95
BETA	.27	.13	.14	.34	.27	.88	.67	.34	.73	.62	.18	.34	0.43
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.10	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

WALDEN

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.75	.30	.18	1.01	.97	1.91	1.08	2.41	.10	2.09	.36	2.40	13.56
1952	.59	.57	.88	.05	1.66	.93	3.16	1.56	.25	.00	.44	.44	10.46
1953	.38	.13	.20	.32	.87	.81	2.87	1.31	.33	.45	.68	.23	9.04
1954	.20	.31	1.11	.35	1.06	.75	1.95	1.49	1.51	1.26	.52	.33	10.69
1955	.13	.15	.58	.10	.99	.61	.46	2.96	.19	.54	1.49	.70	9.20
1956	.90	.68	.19	.85	.74	.12	3.06	1.69	T	T	.24	.63	9.36
1957	1.25	.83	.48	1.11	2.69	2.23	1.58	.81	.33	.49	.32	.14	12.76
1958	.19	.23	.67	.21	.50	.46	1.18	1.59	1.18	.24	.45	.78	7.48
1959	.12	.40	.51	.15	1.38	1.24	1.38	1.61	1.92	.86	.26	.15	9.98
1960	.25	.27	.24	.25	1.07	.05	1.64	1.30	.80	.62	.46	.20	7.15
1961	.10	.20	.39	.99	1.73	.89	2.45	1.36	3.75	.34	.63	.27	13.10
1962	.66	1.11	.12	1.00	.60	1.94	.12	.42	.63	.95	.23	.35	8.03
1963	.55	.29	.36	.68	.39	1.80	.35	2.99	.93	.36	.40	.10	9.21
1964	.40	.28	.52	.54	.30	.26	.46	1.01	.37	.05	.58	1.15	5.32
1965	.42	.34	.38	.37	.90	1.15	1.65	1.87	2.94	.18	.65	.38	11.23
1966	.08	.27	.63	.44	.93	.32	.49	1.59	1.20	1.54	.10	1.17	8.76
1967	.82	.82	.64	.79	1.16	2.53	1.28	.51	1.87	.34	.45	.81	12.04
1968	.43	.40	.17	1.83	.83	.12	1.16	1.51	.61	.88	1.49	.59	10.32
1969	1.38	.16	.27	.51	.52	3.04	1.32	.62	.93	2.05	.44	.69	11.93
1970	.46	.35	.31	.37	.39	1.54	.67	1.01	.98	1.41	.67	.33	8.55

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.3	4.5	2.3	2.8	5.0	.5	
51-52	T	T	.0	11.5	4.2	31.0	7.8	8.0	12.1	.5	2.8	.0	77.9
52-53	.0	T	.0	.0	6.3	7.0	5.5	2.0	2.5	3.2	3.5	.0	30.0
53-54	.0	.0	.0	1.5		3.7	3.0	4.0	15.0	T	T	.4	
54-55	.0	T	.0	7.5	4.2	5.5	2.0		8.0	1.5	6.2	T	
55-56	.0	T	.0	2.5	22.5	9.0	12.2	10.5	3.0	3.3	1.0	.0	64.0
56-57	.0	.0	.0	T	3.0	10.5	19.0	9.5	7.0	12.7	4.5	T	66.2
57-58	.0	.0	T	.7	5.0	2.5	3.2	3.5	3.0	3.0	.5	.0	27.4
58-59	.0	.0	T	1.0	8.0	10.0	2.5	6.5	7.7	2.5	5.5	.0	43.7
59-60	.0	.0	3.5	3.0	3.2	2.5	4.0	4.7	3.5	2.5	5.0	.0	31.9
60-61	.0	.0	.0	6.0	8.0	4.0	1.5	3.0	5.5	12.0	7.5	.0	47.5
61-62	.0	.0	21.5	3.5	8.3	5.0	7.5	13.5	2.0	8.5	T	T	69.8
62-63	.0	.0	.0	.0	2.5	5.0	3.0	1.5	5.0	.5	.0	.0	23.5
63-64	.0	.0	.0	T	4.3	2.3	6.0	4.0	9.0	6.8	3.5	T	35.9
64-65	.0	.0	.0	.0	8.5	15.7	5.0	5.0		4.0	6.5	.0	
65-66	.0	.0		1.0	6.5	5.7	1.2			2.2	T	.0	
66-67	.0	.0	.0	5.0	1.8	15.0	11.5	11.0	8.0	9.5	1.0	.0	62.8
67-68	.0	.0	1.5	1.5	5.5	12.3	6.8		2.0	19.5	5.5	.0	
68-69	.0	.0	1.5	7.5	15.3	9.5	22.0		3.5	5.5	.7	T	
69-70	.0	.0	.0		7.0	12.0	10.5	5.5	6.0	5.5	.0	5.0	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.1	32.9	37.7M	46.5	60.7M	64.0	76.2	72.7	66.6	50.8	36.8	26.9	50.1*
1952	25.6	26.9	31.9	49.2	59.6	74.0	76.3	73.4	71.1	62.3	34.6	25.3	50.9
1953	33.7	30.5	41.3	45.3	55.3	72.6	76.9	71.7	68.8	57.8	45.5M	28.4	52.3*
1954	35.2	40.8	37.3	54.7	63.2	72.0	80.0	75.3	70.1M	56.3	46.0	28.2	54.9*
1955	23.5	25.3M	34.2	50.7	61.6	67.2	78.8	75.5	70.1	56.3	34.1M	31.1M	50.7*
1956	32.7	22.4	34.9	49.2	64.1	75.8	75.1	72.0	72.8	58.9	34.7	26.9M	51.6*
1957	24.3	34.5	35.2	46.1M	55.4	68.1	75.1	73.9	66.6	55.2	35.1	32.7	50.7*
1958	27.3	36.6	35.3	45.9	66.4	74.1	76.0	77.9	69.4	60.2	44.9	34.0	54.0
1959	28.3	30.5	34.9	48.4	60.3	74.7	77.7	74.3M	64.9	51.3	40.8	38.7	52.1*
1960	28.1	23.9	40.2	52.7	60.5	72.8	78.6	76.8	70.9	55.7	40.0M	29.2	52.5*
1961	30.5	34.4	39.7	46.1M	61.5	72.4	76.4	76.5	58.2	54.8	36.6	25.6	51.1*
1962	20.2M	32.7	32.0	52.8	61.2	69.5	76.1	75.8	68.8M	58.7	45.7	35.8	52.4*
1963	20.8	34.7	37.2	50.2	63.8	70.2	79.4	72.2	71.8	62.8	45.6	34.4	53.6
1964	25.8	24.8	31.3	46.1	61.3	68.9	81.5	73.3	67.7	59.5	38.9	26.4	50.5
1965	28.3	28.2	26.5	48.9	58.1	68.2	75.8	72.3	60.0	62.5	44.7	34.5	50.7
1966	27.4	30.0	44.7	52.4	63.6	71.8	81.5	75.8	70.1	54.7	45.3	26.3	53.6
1967	28.4	30.0M	42.4	51.1	57.2	66.3	76.8	75.1	66.3	56.8	42.7	24.8	51.5*
1968	26.6	30.1	42.4	43.3	55.6	71.4	76.7	70.2	64.7	56.2	33.3	28.3	49.9
1969	33.1	31.1	30.7	54.1	66.9	64.5	79.3	80.0	70.4	44.5	38.8	32.3	52.1
1970	26.5	34.0	34.5	42.5	64.4	70.3	77.9	78.9	64.7	49.1	39.8	30.2	51.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.3	5.5	12.1M	21.9	30.5M	33.1	38.7	36.0	25.9	23.7	9.2	7.2	20.7*
1952	1.2	- 1.0M	4.3	19.8	29.0	37.3	37.5	36.6	25.4	15.8	2.2	- 3.0	17.1*
1953	12.5	- .5	14.5	15.8	23.9	35.0	39.5	35.2	26.5	20.0	16.8M	4.0	20.3*
1954	15.3	12.6	10.9	24.7	29.1	34.4	42.2	35.0	32.4M	23.6	15.9	- 1.4	22.9*
1955	- 4.8	- .5M	9.3	18.0	28.3	34.3	38.8	40.9	28.4	19.6	12.7M	12.9M	19.8*
1956	9.4	- 5.2	8.7	21.7	32.0	37.3	38.9	35.6	26.1	19.8	6.6	- .4M	19.2*
1957	1.1	12.2	11.5	20.5	28.6	36.1	42.8	38.3	24.3	22.9	7.9	8.2	21.2
1958	- 4.6	13.8	9.6	17.9	24.9	36.3	37.0	38.3	29.2	16.7	13.8	9.4	20.5
1959	3.9	5.7	11.2	19.7	28.1	36.9	36.7	38.0M	27.7	22.0	13.9	4.9	20.7*
1960	1.4	- 4.1	15.9	20.3	26.4	35.1	36.2	34.4	32.0	20.8	13.0M	.8	19.4*
1961	- 2.0	8.2	14.6	20.9M	30.0	36.8	39.7	40.5	29.2	21.7	8.7	5.7	21.2*
1962	- 8.5M	10.8	5.0	22.2	30.3	35.7	37.1	32.7	28.0M	20.5	13.6	5.1	19.4*
1963	- 3.8	10.5	10.6	19.9	26.1	35.2	37.6	39.5	31.7	23.7	14.9	5.8	21.0
1964	- 1.4	- 4.5	4.5	20.1	26.7	35.9	41.4	36.7	27.3	17.7	11.6	4.6	18.4
1965	5.5	3.0	- 1.2	22.8	27.0	36.7	41.8	35.6	30.3	20.4	18.3	9.9	20.8
1966	2.6	1.3	12.2	18.3	28.3	35.1	40.5	34.7	30.0	19.7	17.2	- 1.6	19.9
1967	6.7	2.5	17.2	15.7	26.3	35.2	39.9	34.5	30.2	22.0	10.5	1.0	20.4
1968	.7	3.3	5.6	15.7	24.7	33.9	39.3	37.5	25.6	21.7	5.2	6.3	18.3
1969	12.5	5.8	1.8	23.1	28.5	35.7	40.7	38.4	32.0	20.4	10.9	5.7	21.3
1970	7.9	6.0	11.9	16.7	26.9	34.5	40.1	37.9	28.8	16.7	19.4	8.7	21.5

WALDEN

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	14.7	19.2	24.9M	34.2	45.5M	48.6	58.5	55.4	45.3	37.3	23.0	17.1	35.4*
1952	13.4	13.0M	18.1	34.5	44.3	55.7	55.9	55.2	48.3	33.1	18.4	11.2	34.0*
1953	23.1	15.0	27.9	30.6	39.6	53.4	53.2	53.5	47.7	38.9	31.2M	19.2	35.3*
1954	25.3	25.7	24.1	39.7	46.2	53.2	61.1	55.2	51.3M	40.7	31.0	13.4	34.9*
1955	9.4	12.4M	21.8	34.4	45.0	50.8	58.8	58.2	49.3	38.0	23.4M	22.2M	35.3*
1956	21.1	8.6	21.8	35.5	48.1	56.6	57.0	53.8	49.5	39.4	20.7	13.3M	35.5*
1957	12.7	23.4	23.4	33.3M	42.0	52.1	59.0	56.1	45.5	33.1	21.5	20.5	35.7*
1958	11.4	25.2	22.5	31.9	47.3	55.2	56.5	58.1	49.3	38.5	29.4	21.7	37.3
1959	15.1	18.1	23.1	34.1	44.2	55.8	57.2	55.2M	46.3	36.7	27.4	21.8	36.4*
1960	14.8	9.9	28.1	36.5	43.5	54.0	57.4	55.6	51.5	33.3	26.5M	15.1	35.9*
1961	14.3	21.3	27.2	33.5M	45.8	54.6	58.1	58.5	43.7	38.3	22.7	15.7	36.1*
1962	5.9M	21.8	18.5	37.5	45.8	52.6	56.6	54.3	43.4M	39.7	29.7	20.5	35.9*
1963	5.5	22.6	23.9	35.1	45.0	52.7	53.5	55.9	51.8	45.3	30.3	20.1	37.3
1964	12.2	10.2	17.9	33.1	44.0	52.4	61.5	55.0	47.5	38.6	25.3	15.5	34.4
1965	16.9	15.6	12.7	35.9	42.6	52.5	58.8	54.0	45.2	41.5	31.5	22.2	35.8
1966	15.0	15.7	28.5	35.4	46.0	53.5	61.0	55.3	50.1	37.2	31.3	12.4	36.8
1967	17.6	16.3M	29.8	34.9	41.3	50.8	58.4	54.8	48.3	39.4	26.6	12.3	36.0*
1968	13.7	16.7	24.0	29.5	40.2	52.7	58.0	53.9	45.2	35.0	19.3	17.3	34.1
1969	22.8	18.5	16.3	38.6	47.7	50.1	60.0	53.2	51.2	32.5	24.9	19.1	36.7
1970	17.2	20.0	23.2	30.6	45.7	52.4	59.0	58.4	46.8	32.9	25.6	19.5	35.3

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WALSENBURG POWER PL 05 8781 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO OF DAYS			SIGN. SLEET			MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	1.00 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN	46.8	21.1	34.0	69.	1953	11	-36.	1963	12	0.0	3.3	24.6	2.5	.55	.89	1960	14	10.6	14.	1960	17	2.1	.2	0.0
FEB	48.8	22.2	35.5	72.	1963	5	-25.	1951	1	0.0	2.5	22.8	1.6	.95	.74	1963	10	15.3	12.	1964	4	3.5	.4	0.0
MAR	52.9	24.8	38.9	78.	1966	31	-14.	1965	20	0.0	2.3	23.3	1.0	1.20	1.31	1962	30	16.1	9.	1962	30	3.6	.5	.1
APR	63.4	33.4	48.4	85.	1965	22	0.	1959	10	0.0	0.0	14.4	0.0	1.88	3.00	1967	13	11.3	24.	1967	13	3.6	1.1	.4
MAY	73.2	42.8	58.0	90.	1967	24	14.	1954	1	.1	0.0	2.4	0.0	2.03	1.56	1957	15	1.3	5.	1961	13	3.6	.9	.4
JUN	82.8	50.7	66.8	100.	1956	24	33.	1951	3	5.5	0.0	0.0	0.0	1.19	1.25	1957	1	0.0	0.	0	0	3.1	.9	.1
JUL	86.8	57.0	71.9	97.	1966	17	43.	1968	1	11.0	0.0	0.0	0.0	2.10	2.00	1966	24	0.0	0.	0	0	5.2	1.4	.3
AUG	84.5	55.5	70.0	97.	1963	1	37.	1964	28	5.8	0.0	0.0	0.0	1.78	1.84	1961	3	0.0	0.	0	0	3.7	.9	.4
SEP	78.8	47.9	63.4	93.	1960	2	26.	1961	25	1.1	0.0	.6	0.0	.87	2.45	1963	21	.2	0.	0	0	2.1	.5	.1
OCT	68.3	38.3	53.3	88.	1952	1	12.	1969	12	0.0	.1	7.8	0.0	1.15	1.45	1960	15	5.8	14.	1960	15	3.3	.8	.2
NOV	55.2	28.1	41.7	74.	1956	10	-10.	1952	27	0.0	1.3	19.3	.5	.75	.61	1951	1	8.3	7.	1951	1	2.2	.1	0.0
DEC	48.0	22.5	35.3	73.	1965	4	-15.	1967	31	0.0	3.0	24.9	1.6	.64	.75	1964	3	10.7	14.	1967	15	2.6	.1	0.0
ANNUAL	65.9	37.1	51.5							24.	13.	140.	7.	15.1				80.				38.	8.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.06	.16	.41	0.00	.28	0.00	.39	.39	0.00	0.00	0.00	.08	9.82
.10	.10	.24	.52	.55	.45	.21	.57	.56	0.00	.07	.29	.14	10.81
.20	.18	.38	.69	.40	.74	.42	.88	.82	.24	.21	.42	.23	12.09
.30	.25	.51	.83	1.17	1.02	.60	1.16	1.06	.40	.35	.52	.37	13.07
.40	.33	.64	.96	1.43	1.32	.79	1.45	1.29	.55	.56	.61	.41	13.96
.50	.43	.79	1.10	1.70	1.64	.98	1.77	1.54	.71	.78	.70	.51	14.82
.60	.53	.95	1.25	1.99	2.02	1.21	2.13	1.83	.69	1.05	.80	.64	15.72
.70	.67	1.16	1.43	2.33	2.49	1.48	2.56	2.17	1.11	1.39	.91	.78	16.72
.80	.85	1.42	1.65	2.77	3.11	1.75	3.14	2.61	1.40	1.88	1.06	.99	17.96
.90	1.15	1.85	2.00	3.46	4.14	2.43	4.07	3.33	1.87	2.70	1.28	1.31	19.72
.95	1.45	2.28	2.33	4.10	5.12	3.00	4.96	4.00	2.33	3.53	1.48	1.63	21.29
ALPHA	1.43	1.92	3.99	3.02	1.66	1.87	2.03	2.40	1.77	1.02	4.29	1.61	18.53
BETA	.38	.49	.30	.64	1.22	.67	1.03	.74	.55	1.18	.18	.40	.81
Q	0.00	0.00	0.00	.05	0.00	.05	0.00	0.00	.10	.05	.05	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.67	.32	1.48	2.01	2.59	.69	1.13	3.38	.55	.65	1.34	.53	15.06
1952	.14	.60	.65	2.79	3.15	.37	1.13	1.50	.31	.02	.95	.53	12.68
1953	.05	.78	.64	.75	2.78	.65	.34	.33	.30	.36	.91	1.09	9.88
1954	.31	.37	1.01	.45	2.59	.00	2.38	1.21	.09	.75	.45	.64	10.28
1955	.15	1.24	.830	1.170	6.20	.27	1.59	2.92	.24	.59	.70	.120	15.93*
1956	.83	.75	1.23	1.25	2.53	.71	1.57	.79	.33	T	1.16	.55	11.37
1957	.70	.04	.89	5.64	5.33	2.82	1.56	1.06	.20	.88	1.88	.06	21.06
1958	.78	.51	2.42	2.05	.83	1.15	.91	1.12	.23	.69	.45	.93	12.14
1959	1.21	.62	1.99	1.73	2.01	.98	.40	1.39	.80	2.44	.90	.61	14.98
1960	1.57	2.09	.60	1.09	.52	.46	3.63	.74	1.36	3.90	.29	.90	17.15
1961	.18	1.68	1.63	2.39	2.06	2.15	2.25	3.34	1.04	1.25	.44	.78	19.59
1962	.63	.36	1.65	1.28	.44	.57	.94	.38	.70	1.67	.72	.38	9.72
1963	.80	1.21	.93	T	.35	1.71	.94	3.20	3.29	1.38	.20	.74	14.73
1964	.48	2.28	1.25	.84	1.62	.97	.96	1.63	1.34	.04	.79	1.00	12.90
1965	.09	1.28	1.32	3.63	.38	3.09	6.06	1.97	1.33	.53	T	.22	15.80
1966	.73	.70	.21	1.45	.74	.95	4.46	3.57	.75	.14	.39	.53	14.69
1967	.86	1.61	.51	3.00	2.35	2.50	1.27	1.89	.82	1.25	.82	1.77	15.66
1968	.48	1.44	1.45	2.70	1.73	.14	6.97	1.74	1.42	.32	.76	.40	20.05
1969	.05	.62	1.53	.99	2.12	2.37	1.27	3.05	.71	2.79	.71	1.03	17.23
1970	.22	.34	1.90	2.40	.37	1.25	1.83	.19	1.97	2.78	.65	.02	13.92

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.2	3.0		5.5	.0	.0	
51-52	.0	.0	.0						17.0		.0	.0	
52-53	.0	.0	.0	.0	10.0	7.0			7.0	6.0	1.0	.0	
53-54	.0	.0	.0	.0	10.0	15.0				.0	5.0	.0	
54-55	.0	.0	.0	T		10.0	2.0				.0	.0	
55-56	.0	.0	.0	T			9.5			T	T	.0	
56-57	.0	.0	.0	.0		9.0	15.5	.4	15.0		4.0	.0	
57-58	.0	.0	.0	1.0	19.0	2.0	12.0	6.5	20.5	14.5	.0	.0	76.0
58-59	.0	.0	.0	T	7.5		16.0	10.5	11.0	21.0	.0	.0	
59-60	.0	.0	4.0	17.0	10.0	12.0	20.5	41.5	7.0	5.0	.0	.0	117.0
60-61	.0	.0	.0	23.0	2.5	16.0	3.5	22.5	16.5	26.0	7.0	.0	117.0
61-62	.0	.0	T	5.0	11.5	17.5	16.0	6.0	16.5	6.0	T	.0	78.5
62-63	.0	.0	.0	.0	6.5	4.0	12.0	14.5		.0	.0	.0	
63-64	.0	.0	.0	3.0	3.0	13.0	11.0	36.5	20.5	10.0	.0	.0	97.0
64-65	.0	.0	.0	.0	6.0		2.0	23.0	24.0	12.0	.0	.0	
65-66	.0	.0	.0	.0	.0	3.0	19.0	12.5	3.0	12.5	2.0	.0	52.0
66-67	.0	.0	.0	2.0	3.5	6.5	12.0	23.0	6.5	24.0	4.5	.0	56.0
67-68	.0	.0	.0	5.0	10.0	23.5	6.0	15.5	25.0	20.0	.0	.0	113.0
68-69	.0	.0	.0	6.0	15.0	7.0	2.0	3.0	23.5	4.0	.5	.0	67.0
69-70	.0	.0	.0	22.0	10.0	19.5	6.5	4.5	24.5	22.0	1.0	.0	113.0

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	44.0	51.6	52.3	54.0	72.1	77.1	87.1	83.1	77.6	65.1	53.2	45.8	63.9
1952	48.6	47.6	50.5	62.2	71.1	85.1	85.2	83.1	77.1	69.0	48.3	45.3	64.5
1953	54.2	48.5	58.4	61.1	66.6	84.6	84.9	82.7	79.7	67.0	57.5	46.0	65.9
1954	51.5	59.5	50.4	70.3	69.3	84.1	86.0	83.6	73.4	67.9	59.8	51.9	67.9
1955	45.9	43.7	55.5	64.3	70.2	77.4	85.3	81.4	77.4	69.2	54.5		
1956	49.6	43.5	56.6	63.2	78.5	88.6	86.4	84.1	85.3	72.0	52.3	49.9	67.5
1957	46.2	56.9	54.7	57.0	66.5	81.3	95.9M	84.5	79.0	66.5	46.3M	52.9	64.8*
1958	46.8	53.4	44.2	54.9	76.3	85.4	87.0	87.5	81.5M	63.1	58.2M	52.5	66.7*
1959	46.2	48.3	55.3	62.6	73.4	85.5	88.7	87.0	79.2	69.2	57.8	50.6	66.7
1960	42.9	35.4	53.8	66.3	73.1	86.2	85.6	88.9	78.1	64.7	56.5	44.9	64.7
1961	49.7	49.4	53.3	62.5	74.3	82.4	85.1M	82.5	75.9	68.2	50.6	41.7	64.6*
1962	42.2	51.1	52.9	65.1	77.9	82.0	86.6	80.0	80.0	72.0	57.8	51.3	67.6
1963	38.6M	51.4	54.6	69.1	78.6	85.2	91.0M	83.2	81.8	73.8	59.6	47.2	67.8*
1964	44.4	38.7	48.7	62.3	74.0	82.1	90.7	85.6	77.0	71.3	53.5	46.0	64.5
1965	51.0	47.3	44.1	65.2	72.4	80.1	85.5	82.2	74.5	72.6	61.9	52.6	65.8
1966	42.9	44.4	60.5	66.0	78.1	84.4	93.3	83.1	80.4	70.1	59.9	48.2	67.4
1967	49.0	53.0	63.5	67.6	71.4	80.1	85.5	82.2	77.7	72.2	56.9	40.2	66.4
1968	46.9	50.2	55.4	58.8	70.3	85.8	84.6	80.5	77.5	70.5	52.0	46.4	64.9
1969	51.5	48.8	43.9	65.7	73.3	77.7	88.0	87.1	78.4	58.9	54.8	47.4	64.7
1970	44.7	51.5	49.4	60.0	75.6	81.0	87.0	87.7	77.6	60.0	53.6	50.8	65.1

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	22.8	25.8	25.6	32.8	43.6	47.1	58.7	58.0	47.1	37.8	25.7	24.5	37.4
1952	27.9	25.3	24.8	34.3	43.8	56.3	58.0	51.8	50.3	38.1	24.0	24.1	38.8
1953	30.6	21.8	32.1	32.8	41.0	55.6	59.9	56.4	50.7	40.7	31.7	22.5	39.7
1954	29.3	31.1	24.8	40.8	43.3	53.8	60.0	57.6	53.5	42.9	31.9	25.8	41.1
1955	22.9	18.4	28.1	36.9	44.8	49.0	58.4	56.6	50.3	40.5	26.2		
1956	22.2	17.2	25.9	31.5	44.6	53.9	55.1	53.8	47.9	39.8	24.1	23.9	36.7
1957	21.1	31.7	27.1	30.5	41.3	49.0	57.1	56.5	43.6	40.9	24.1M	27.3	37.4*
1958	20.3	25.9	21.5	30.8	45.3	52.0	54.2	55.9	49.6	37.8	28.4M	22.3	37.0*
1959	19.2	21.6	24.4	32.0	42.3	52.6	54.3	56.8	45.0	34.5	22.9	22.4	35.7
1960	16.4	12.5	24.3	34.9	40.8	50.3	55.5	54.7	49.7	38.0	30.3	21.3	35.7
1961	19.0	21.0	27.0	31.0	41.6	50.0	53.9	55.4	43.9	35.4	26.3	18.1	35.4
1962	10.8	24.8	21.5	35.4	42.2	47.5	55.9	55.8	48.1	41.1	29.5	22.5	36.3
1963	9.7M	23.3	26.2	35.8	43.6	51.5	56.9M	55.6	50.8	40.6	30.8	17.5	37.3*
1964	18.1	12.8	21.6	32.0	44.3	49.0	58.1	53.0	48.5	36.1	28.5	23.5	35.5
1965	24.9	18.4	15.5	36.3	42.0	48.5	56.2	51.9	43.9	37.3	32.9	26.5	36.2
1966	15.2	19.3	28.7	31.5	43.5	51.4	59.1	53.6	47.7	30.9	32.5	18.7	36.5
1967	22.9	21.9	30.2	33.9	40.0	48.5	55.6	52.9	46.5	39.0	27.6	15.9	36.2
1968	22.2	22.1	27.1	30.8	40.0	50.6	54.3	53.6	46.6	35.8	26.5	22.8	36.4
1969	26.9	23.7	17.4	35.3	44.6	47.8	53.6	56.7	49.8	32.0	28.2	23.5	37.1
1970	20.5	21.1	22.6	29.7	42.8	49.2	56.7	57.1	44.5	34.3	29.2	26.2	36.3

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	33.4	35.7	39.0	45.3	57.9	62.1	72.9	70.6	62.4	51.5	39.5	35.2	50.7
1952	38.3	36.5	37.7	43.3	57.5	70.7	71.5	71.0	63.7	53.9	36.2	34.7	51.7
1953	42.4	36.2	45.3	47.2	53.8	70.1	72.4	69.6	65.2	53.9	44.6	33.3	52.8
1954	40.4	45.3	37.6	55.4	56.6	69.0	73.0	70.6	66.5	54.9	45.9	35.3	54.5
1955	34.4	31.1	41.8	50.6	57.5	63.2	71.3	69.0	63.3	54.9	40.4		
1956	35.9	30.4	41.3	47.4	61.6	71.3	70.3	63.0	65.6	55.9	38.2	36.9	52.1
1957	33.7	43.8	40.9	43.8	53.9	65.2	71.5M	70.5	61.3	53.7	35.2M	40.1	51.1*
1958	33.6	34.7	32.9	44.8	60.8	68.7	70.6	71.7	65.6M	53.5	43.3M	37.4	51.9*
1959	32.7	35.0	39.9	47.3	57.9	69.1	71.5	71.9	62.1	49.9	40.4	36.5	51.2
1960	29.7	24.0	39.1	50.6	57.3	68.3	70.6	71.8	63.9	51.4	43.4	33.1	50.2
1961	34.4	36.2	40.2	46.2	58.0	66.2	69.5M	69.0	59.9	51.8	38.5	29.9	50.0*
1962	26.5	39.0	37.2	50.3	60.1	64.8	71.3	72.9	64.1	56.6	43.7	36.3	52.0
1963	24.2M	37.4	40.4	52.5	61.1	68.4	75.0M	63.4	65.3	50.7	45.2	32.4	52.6*
1964	31.3	25.8	35.1	47.2	59.2	65.6	74.4	63.4	62.8	53.7	41.0	34.2	50.0
1965	38.0	32.9	29.8	50.8	57.2	64.3	70.9	67.1	59.2	55.0	47.4	39.6	51.0
1966	29.1	31.9	44.6	48.8	60.8	67.9	74.7	64.4	64.1	53.5	46.2	33.5	52.0
1967	36.0	35.0	46.9	50.8	55.7	64.3	70.6	67.6	62.1	55.6	42.3	28.1	51.3
1968	34.6	36.2	41.3	44.7	55.2	68.2	69.5	67.1	62.2	55.2	39.3	34.6	50.7
1969	39.2	35.3	30.7	51.6	59.0	62.8	73.8	71.9	64.1	45.5	41.5	35.5	50.9
1970	32.6	38.3	36.0	44.9	59.2	65.1	71.9	72.4	61.1	47.2	41.4	38.5	50.7

SEASON

19-71
19-70Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WATERDALE

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAY		MIN:			MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	0 OR BELOW											
JAN	44.4	14.5	29.5	72.	1953	12	-31.	1963	12	0.0	5.4	29.3	4.0	.41	.93	1962	8	7.1	10.	1962	9	1.5	.1	0.0	
FEB	47.1	17.4	32.3	78.	1954	8	-28.	1951	1	0.0	3.1	26.9	2.3	.50	.59	1955	3	6.7	13.	1956	8	1.9	.2	0.0	
MAR	51.6	21.3	36.1	79.	1956	31	-20.	1960	4	0.0	2.9	27.4	1.3	1.14	1.13	1961	18	12.9	18.	1970	31	3.2	.5	.1	
APR	61.3	30.6	46.0	85.	1955	30	-5.	1959	10	0.0	.3	18.2	.1	1.59	2.95	1957	2	5.6	18.	1957	2	3.9	.6	.3	
MAY	71.0	40.1	55.6	92.	1969	27	21.	1954	2	.5	0.0	3.1	0.0	2.83	2.23	1958	9	.1	0.	0	0	5.4	2.0	.6	
JUN	80.4	47.2	63.8	100.	1956	13	30.	1954	3	5.5	0.0	.1	0.0	2.16	3.12	1963	16	.1	0.	0	0	5.4	1.4	.2	
JUL	87.9	52.9	70.4	102.	1954	9	38.	1952	8	14.1	0.0	0.0	0.0	1.65	1.56	1955	24	0.0	0.	0	0	4.4	.9	.2	
AUG	85.4	51.7	68.6	99.	1969	8	33.	1956	30	9.0	0.0	0.0	0.0	1.79	4.18	1951	2	0.0	0.	0	0	4.1	.8	.2	
SEP	77.4	43.0	61.2	97.	1955	1	23.	1959	30	2.3	0.0	1.8	0.0	1.32	1.39	1970	22	.4	0.	0	0	3.9	1.0	.2	
OCT	67.0	34.0	51.5	88.	1964	1	7.	1969	13	0.0	.1	12.6	0.0	1.20	2.00	1951	5	3.0	11.	1969	12	2.9	.8	.2	
NOV	52.9	23.3	39.1	75.	1964	8	-11.	1958	28	0.0	2.0	26.5	.6	.55	.50	1955	11	5.2	5.	1958	16	1.9	.1	0.0	
DEC	45.7	17.2	31.4	74.	1957	9	-16.	1964	17	0.0	4.3	30.0	1.9	.41	.70	1958	12	6.1	9.	1958	12	1.4	.1	0.0	
ANNUAL	64.3	32.8	48.6							31.	18.	176.	10.	15.6				47.				40.	8.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.07	0.00	.17	.19	.59	.69	.34	.75	.15	.05	0.00	0.00	8.20
.10	.10	.04	.26	.31	.85	.89	.49	.40	.26	.11	.14	.07	9.47
.20	.16	.17	.43	.54	1.27	1.20	.73	.66	.44	.25	.24	.14	11.17
.30	.20	.25	.54	.76	1.64	1.46	.95	.91	.63	.41	.32	.20	12.63
.40	.29	.33	.75	.99	2.02	1.71	1.17	1.17	.82	.59	.40	.27	13.77
.50	.34	.41	.93	1.26	2.43	1.97	1.41	1.45	1.06	.81	.55	.34	15.00
.60	.41	.51	1.13	1.56	2.89	2.25	1.68	1.79	1.29	1.09	.57	.42	16.30
.70	.48	.63	1.32	1.94	3.44	2.59	2.01	2.19	1.61	1.44	.68	.52	17.78
.80	.56	.79	1.73	2.65	4.16	3.01	2.44	2.74	2.04	1.95	.82	.65	19.61
.90	.69	1.04	2.25	3.30	5.32	3.84	3.13	3.64	2.74	2.82	1.04	.86	22.35
.95	1.00	1.29	2.82	4.12	6.41	4.30	3.78	4.50	3.43	3.69	1.25	1.06	24.80
ALPHA	1.84	1.78	1.74	1.52	2.31	3.64	2.24	1.68	1.50	.94	2.55	1.75	9.27
BETA	.22	.30	.65	1.04	1.23	.59	.74	1.07	.88	1.28	.23	.25	1.68
Q	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

WATERDALE

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.97	.77	.61	1.53	2.65	1.92	1.58	6.66	.78	3.02	.46	1.18	22.13
1952	.03	.05	1.96	2.23	3.00	1.67	.54	1.30	.16	.16	1.09	.12	13.17
1953	.28	.25	1.41	1.83	2.37	1.23	1.32	.98	.12	.17	.33	.12	10.41
1954	.30	.03	.53	.33	1.30	1.18	1.20	.21	.88	.36	.56	.33	7.97
1955	.18	.99	1.10	.01	2.18	2.56	2.35	2.47	2.03	.36	1.07	.71	16.01
1956	.47	.87	.63	1.28	3.49	.53	1.19	2.36	.35	.18	.84	.44	12.62
1957	.79	.87	.33	5.13	6.21	1.90	1.39	3.17	1.20	2.31	.69	T	24.19
1958	.10	.40	2.33	1.63	5.85	2.04	1.20	.77	1.01	.94	.38	.78	17.33
1959	.45	.81	1.03	3.13	3.36	1.43	.71	.57	2.80	4.06	.62	.03	18.46
1960	.36	.76	.73	.95	2.08	1.29	1.07	.15	.49	2.30	.42	.90	11.50
1961	.33	.53	3.53	.86	4.05	3.30	3.74	2.19	4.26	.77	.60	.24	24.40
1962	1.02	.75	.35	1.28	1.28	2.25	3.80	.52	.75	.69	.64	.21	13.54
1963	.75	.32	1.01	.51	.41	4.42	.24	1.94	2.53	.42	.20	.52	13.27
1964	.18	.33	.460	1.55	2.28	.81	.35	.90	.45	.07	.51	.53	8.42*
1965	.49	.48	1.09	1.51	2.60	3.20	3.77	.57	2.22	.21	.00	.40	16.54
1966	.22	.84	.06	1.31	.46	1.47	1.55	1.00	1.76	.43	.33	.23	9.71
1967	.68	.16	.88	2.40	5.10	4.55	3.11	4.18	1.33	.99	.71	.85	24.84
1968	.19	.70	.99	1.85	2.58	1.05	.73	2.89	.38	.55	.62	.16	12.69
1969	.36	.17	.68	1.44	3.90	3.38	1.84	1.06	.53	4.87	.52	.23	19.13
1970	.09	T	3.00	.99	.57	3.01	1.38	1.23	2.15	1.41	.73	.15	14.71

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							15.0	5.0	12.3	6.0	.0	1.0	
51-52	.0	.0	T		5.0	16.0	1.0	.0	25.4	T	.0	T	
52-53	.0	.0	.0	T						25.5	.0	T	
53-54	.0	.0	.0	.0	3.0	1.5	3.5	.5	5.2		1.0	.0	
54-55	.0	.0	.0	.0	5.0	5.0	2.3	21.0	15.0	.0	.0	.0	46.3
55-56	.0	.0	.0	1.0	10.0	7.0	9.5	17.0	10.0	1.0	.0	.0	55.5
56-57	.0	.0	.0	.0	11.5	6.9	9.7	3.0	7.0	26.0	.0	.0	64.1
57-58	.0	.0	.0	.0	4.5	T	2.5	4.5	17.1		.0	.0	
58-59	.0	.0	.0	3.0	6.0	12.5	6.0	14.2	6.5		.0	.0	
59-60	.0	.0	8.0	15.0		1.0	5.5		9.2		.0	.0	
60-61	.0	.0	.0	.0	5.0	7.7	5.0	6.5		T	.0	.0	
61-62	.0	.0	.0	4.0	6.5	7.5	15.5	11.0	5.5	6.0	.0	.0	56.0
62-63	.0	.0	.0	.0	8.0	2.0	15.0	8.5	15.6	.0	.0	.0	50.1
63-64	.0	.0	.0	.0	.0		3.0	3.5			.0	.0	
64-65	.0	.0	.0	.0	4.0	8.8	8.0		13.3	2.0	.0	.0	
65-66	.0	.0	.0	.0	.0	4.5		11.0	.0	6.0	2.0	.0	
66-67	.0	.0	.0	.0	4.5		18.5	1.0		6.7	.0	.0	
67-68	.0	.0	.0	.0	9.0	12.5	.0		11.0	3.0	.0	.0	
68-69	.0	.0	.0	.0		5.0	6.5	1.0		.0	.0	.0	
69-70	.0	.0	.0	24.1	4.1	4.4	1.0	.0	42.0	4.0	.0	.0	83.6

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	40.8	48.5	49.7	57.3	68.3	72.5	87.5	82.2	75.4	62.3	49.7	41.1	61.3
1952	45.2	43.6	44.1M	61.9	68.8	44.5	85.2	86.2	81.8	70.8	45.6	44.4	64.1*
1953	54.6	47.4	60.0	55.7	66.4	84.7	89.3	35.7	81.9	71.8	56.2	46.5M	66.7*
1954	52.2	61.4	49.2	69.4	71.6	86.7	91.5	87.8	82.0	67.4	58.6	49.9	68.7
1955	42.5	39.5	51.2	66.8	73.3	75.9	91.3	85.7	79.7	71.4	49.0	47.2	64.5
1956	46.7	39.0	54.8	59.5	71.3	89.5	86.9	83.2	83.9	73.1	53.3	50.5	66.0
1957	38.2	52.4	51.7	53.0	63.8	78.6	83.3	84.6	73.6	61.4	47.4	53.3	62.2
1958	48.2	51.0	41.1	56.4	73.5	81.0	83.5	39.4	80.8M	70.0	55.2	46.1	64.7*
1959	41.2	39.4	51.8	59.3	68.9	84.0	88.4	87.3	73.2	60.9	53.4	49.5	63.1
1960	40.6	35.4	49.8	65.2	70.1	83.3	88.2	87.9	79.3	66.2	54.0	42.4	63.6
1961	46.7	49.8	49.5	60.4M	68.4M	79.8	85.3	83.8	67.8	64.7	48.7	39.8	62.1*
1962	36.1	43.5	49.9	64.2	72.9	75.2	85.6	86.6	78.3	71.5	57.0	48.8	64.5
1963	36.0	54.4	52.6	65.0	76.7	83.1	90.9	33.8M	81.4	72.4	58.2	44.2	66.6*
1964	46.3	43.6	61.4	61.4	73.8	74.5	91.4	85.6	78.4	69.3	53.0	46.3M	66.6*
1965	43.6	45.5	43.8	64.3	69.8	76.4	86.1	83.1	67.3	71.6	59.0	48.5	63.7
1966	41.6	41.3	60.1	60.6	77.0	79.9	91.8	84.2	77.6	67.7	54.4	44.7	65.1
1967	49.3	52.7	59.3	62.9	67.9M	73.6M	84.4	83.7	75.9	68.6	53.5	37.9	64.1*
1968	45.5	47.7	57.3	59.7	68.1	83.7	86.5	82.5	76.0	68.2	49.0	43.2	63.9
1969	47.0	45.9	45.6	67.1	73.5	73.1	88.8	87.7	79.2	51.1	51.4	43.9	62.9
1970	43.6	53.4M	44.9	55.9	75.5	79.9	85.7	86.7	74.2	59.3	52.0	45.7	63.0*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	13.7	18.3	19.9	30.7	40.1	42.1	51.8	51.0	40.1	30.3	19.1	15.3	31.0
1952	16.5	19.0	17.6M	32.9	40.5	48.5	50.7	50.2	42.5	31.5	17.9	17.2	32.0*
1953	24.3	16.8	25.5	27.2	37.9	48.3	52.0	48.2	42.0	34.0	24.0	15.5M	33.0*
1954	17.0	23.3	18.7	33.4	39.1	46.5	55.0	50.5	46.2	33.6	24.9	17.3	33.8
1955	11.2	10.0	19.0	29.9	40.0	46.2	53.6	55.2	44.2	35.3	20.4	18.2	31.8
1956	18.4	10.3	22.6	30.2	42.6	48.9	52.0	43.5	42.4	33.7	21.0	21.2	32.7
1957	8.7	21.6	23.3	28.4	39.5	47.6	52.4	52.4	40.1	35.9	21.0	20.7	32.6
1958	14.1	19.7	20.2	29.2	41.9	46.3	49.9	51.0	41.5M	34.6	21.6	16.9	32.2*
1959	13.3	14.5	20.2	26.0	39.5	45.9	47.7	51.1	40.5	30.6	19.4	18.7	30.6
1960	12.0	10.2	19.6	31.5	37.5	47.8	52.4	50.9	45.0	36.8	24.8	16.8	32.1
1961	12.8	17.9	22.2	30.1M	40.2M	46.9	51.1	52.1	40.4	33.5	22.0	12.5	31.8*
1962	2.9	17.7	20.8	32.4	39.3	46.2	50.3	47.5	44.3	36.7	26.3	18.3	32.0
1963	1.5	24.1	22.6	32.2	40.5	49.8	54.3	53.0M	48.8	40.1	25.7	12.5	33.8*
1964	17.7	13.1	33.0	33.0	40.5	46.1	54.2	43.1	41.7	32.0	24.8	18.4M	33.7
1965	21.2	14.6	13.5	34.7	40.3	46.6	55.5	51.9	40.2	35.3	28.4	20.2	33.7
1966	11.7	11.4	25.4	29.4	40.0	47.0	53.0	51.1	43.7	33.3	24.7	16.1	32.6
1967	20.1	21.8	28.4	31.1	37.7M	45.1	53.5	53.4	44.6	36.0	22.3	12.2	33.4*
1968	15.4	19.9	26.5	28.5	38.6	48.7	52.7	52.9	41.6	36.1	22.1	15.0	34.2
1969	18.0	20.9	18.7	37.4	44.8	45.2	55.6	55.8	47.3	23.9	26.1	21.1	35.4
1970	18.9	22.3M	20.9	28.7	42.5	48.7	54.9	55.0	43.3	32.4	28.8	19.6	34.8*

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	27.3	31.4	34.8	44.0	54.2	57.3	63.7	65.6	57.8	46.3	34.4	28.1	45.2
1952	30.9	34.3	30.6M	47.2	54.7	66.5	68.5	68.2	62.2	51.2	31.8	30.4	48.1*
1953	39.5	32.1	40.7	41.5	52.2	66.5	70.7	67.0	62.0	52.9	40.1	31.3M	48.9*
1954	33.6	41.9	34.0	51.4	55.4	66.7	73.3	63.2	64.1	50.5	41.8	33.6	51.3
1955	26.9	24.8	35.1	48.4	56.7	61.1	72.3	71.0	62.0	52.4	34.7	32.7	45.2
1956	32.6	24.7	38.7	44.9	57.0	69.2	69.5	56.4	63.2	53.4	37.2	39.9	49.4
1957	23.5	37.0	37.5	40.7	51.7	63.1	70.7	68.5	56.0	48.7	34.2	36.3	47.5
1958	31.2	35.4	30.7	42.3	57.7	63.7	66.7	70.2	61.2M	52.3	38.4	31.5	49.4*
1959	27.3	27.0	36.0	42.7	54.2	55.0	66.1	69.2	56.6	45.8	36.4	34.1	46.3
1960	26.3	23.3	34.7	48.4	53.8	65.6	70.3	69.4	62.2	51.5	39.4	29.6	47.9
1961	29.8	33.9	35.9	45.3M	54.3M	63.4	69.2	69.0	54.1	49.1	35.4	26.2	47.0*
1962	19.5	30.6	35.4	48.3	56.1	62.7	68.3	63.1	61.3	54.1	41.7	33.4	48.3
1963	18.8	39.3	37.6	48.6	58.6	66.5	72.6	68.4M	65.1	56.3	42.3	28.4	50.2*
1964	32.0	28.4	34.0	45.7	57.2	62.3	72.8	67.4	60.1	50.7	38.9	32.3M	46.3
1965	34.9	30.1	28.7	49.5	55.1	62.5	70.8	67.5	53.8	53.5	43.7	34.4	48.7
1966	26.7	26.4	42.8	45.0	58.5	63.5	74.9	67.7	60.7	50.4	39.6	30.4	48.3
1967	34.7	37.3	43.9	47.0	52.8M	59.4M	69.0	68.6	63.3	52.3	37.3	25.1	49.0*
1968	30.5	33.8	41.9	43.6	53.4	66.2	69.6	67.7	58.8	52.2	39.6	29.1	43.5
1969	32.5	33.4	32.2	52.3	55.2	60.7	72.7	71.8	63.5	40.5	38.8	32.5	49.2
1970	31.3	38.1M	32.9	42.3	59.0	64.3	73.3	71.4	58.8	45.7	40.4	32.7	48.9*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WESTCLIFFE

05 8931 1

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO. OF DAYS			SIGNS, SLEET				MEAN NO. OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN	32.9	6.3	23.1	63.	1956	5	-41.	1963	12	0.0	6.3	30.8	10.5	1.48	1.69	1951	30	7.5	8.	1956	17	1.9	.1	0.0
FEB	42.1	8.6	25.3	67.	1951	10	-45.	1951	1	0.0	4.3	27.2	7.3	.64	.45	1967	20	10.7	13.	1964	23	1.8	0.0	0.0
MAR	46.5	15.1	30.8	72.	1966	31	-20.	1965	3	0.0	2.8	29.4	4.6	1.24	.93	1961	28	17.2	22.	1970	31	3.4	.8	0.0
APR	56.3	24.2	40.3	75.	1959	30	-17.	1959	10	0.0	0.0	25.1	.8	1.54	2.18	1952	21	14.2	22.	1970	1	3.6	.5	.1
MAY	66.7	32.0	49.4	83.	1958	28	8.	1956	15	0.0	0.0	16.4	0.0	1.74	3.81	1955	18	5.9	8.	1955	18	3.6	1.0	.2
JUN	76.8	39.5	58.1	94.	1954	24	22.	1965	10	.1	0.0	3.4	0.0	.98	1.35	1965	5	0.0	0.	0	0	3.2	.5	.1
JUL	81.8	44.4	63.1	92.	1963	19	30.	1956	3	.6	0.0	.3	0.0	2.51	1.88	1964	24	.1	0.	0	0	6.8	1.2	.2
AUG	76.9	45.8	61.4	91.	1958	13	28.	1964	21	.1	0.0	.4	0.0	2.73	3.66	1966	2	0.0	0.	0	0	6.8	1.4	.4
SEP	73.5	34.8	54.2	89.	1961	5	13.	1972	26	0.0	0.0	11.6	0.0	1.12	1.78	1959	30	2.5	24.	1959	30	3.1	.5	.4
OCT	63.3	24.8	44.1	80.	1953	8	-7.	1967	30	0.0	0.0	25.2	.1	1.30	1.54	1959	1	10.3	32.	1959	2	3.4	.8	.3
NOV	49.5	14.5	32.1	68.	1954	6	-29.	1957	22	0.0	2.3	28.8	3.7	.65	1.63	1964	18	12.0	24.	1964	18	2.0	.4	.1
DEC	42.1	7.0	24.7	67.	1965	4	-28.	1961	12	0.0	5.9	30.6	9.2	.71	.85	1967	14	11.9	27.	1967	14	2.0	.3	0.0
ANNUAL	57.8	24.5	42.2							1.	22.	22.	36.	15.9				92.				42.	7.	2.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.07	.06	0.00	.28	.17	.07	.74	.68	.13	0.00	.07	0.00	2.42
.10	.11	.11	.34	.42	.29	.13	.98	.94	.21	.16	.13	.16	2.42
.20	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.30	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.40	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.50	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.60	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.70	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.80	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.90	.13	.14	.57	.64	.53	.26	1.34	1.34	.37	.37	.24	.24	2.42
.95	1.19	1.75	2.79	3.64	4.70	5.15	5.15	5.15	2.79	3.64	4.70	5.15	23.68
ALPHA	1.75	1.33	2.74	2.04	1.34	1.16	3.27	2.72	1.48	1.24	2.26	2.26	13.27
BETA	.27	.48	.48	.76	1.29	.85	.77	1.00	.76	.93	.69	.33	1.20
C	0.00	0.00	.05	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 C= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

WESTCLIFFE

08 8931 1

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.93	.44	1.18	1.31	.91	.18	1.72	1.00	.46	1.30	1.11	.67	11.51
1952	.21	.47	.55	3.04	1.89	.06	3.03	1.69	.91	.30	1.01	.30	13.20
1953	.14	.30	.87	1.36	2.38	.32	4.13		.36	.99	1.19	.83	
1954	.21	.45	.73	.28	1.63	1.21	2.19	1.09	1.34	.59	.52	.53	10.52
1955	.25	1.10	.24	1.56	6.16	.33	1.56	3.44	.50	.12	.34	.30	16.00
1956	1.20	.30	.96	3.51	1.02	.12	1.55	1.50	.33	.35	1.21	.92	12.69
1957	.85	.28	1.36	3.55	5.66	1.58	3.27	2.23	.77	.70	3.33	.03	23.24
1958	.82	.04	1.56	1.43	1.24	.59	.29	3.10	.30	1.56	.56	.34	12.33
1959	1.16	.63	1.65	2.56	2.16	1.42	.32	3.06	2.31	4.35	.13	.34	21.32
1960	.86	1.37	.72	.75	.93	.60	3.50	1.39	1.87	2.37	.37	.93	15.65
1961	.26	2.07	2.27	.85	1.50	2.19	2.31	3.55	1.87	1.73	.49	1.17	20.37
1962	.34	.25	.45	1.76	.16	.41	1.72	.38	1.19	.77	1.00	.42	8.85
1963	.56	.23	1.330	.09	.08	.91	1.52	2.56	.62	.92	.20	.74	5.76*
1964	.26	1.94	1.53	.71	1.12	.42	4.65	1.72	1.32	.13	3.04	.83	17.70
1965	.21	.70	2.230	1.71	.40	3.27	5.03	2.17	2.44	1.27	.20	.55	20.18*
1966	.43	.43	T	.95	.51	.79	1.37	7.59	.65	.47	.13	.70	14.62
1967	.430	1.19	.51	1.17	2.45	1.15	4.11	5.75	.71	1.75	.11	2.01	22.05*
1968	.26	.48	1.24	1.59	.86	.37	3.11	4.11	.62	.75	1.40	.67	15.16
1969	.03	.13	1.46	.58	2.60	2.88	2.25	2.84	1.51	3.34	.21	1.02	14.15
1970	.17	.07	3.99	1.41	.58	1.03	1.55	2.55	2.31	2.57	.86	.07	17.56

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							13.0	4.5	18.0	16.0	T	.5	
51-52	1.0	.0		4.5	12.5	8.5	T	8.0	7.0	13.0	8.5	.0	
52-53	.0	T	.0	.0		5.6	1.8		13.0	9.0	9.3	T	
53-54	.0	T	.0	3.5	16.0	9.5	2.3	7.5	11.0	1.5	8.0	T	58.3
54-55	T	.0	.0	8.0	3.5	6.5	4.5	19.0	4.5	12.5	17.0	.0	81.5
55-56	T	T	.0	.0	4.5	5.0	22.0	9.0	11.5	31.0	4.0	.0	67.0
56-57	.0	.0	.0	T	20.5	14.0	17.0	2.5	14.0	33.5	25.0	.0	126.5
57-58	.0	.0	.0	.6	42.0	.0	11.0	.5	24.0	16.0	.0	.0	94.1
58-59	.0	.0	.0	11.0	7.0	4.5	15.0	15.0	17.0	32.0	9.0	.0	110.5
59-60	.0	.0	24.0	42.0		6.5	9.0	16.0	9.5	6.5	5.5	.0	
60-61	.0	.0	.0	17.0	3.5	16.5	4.5	25.0	33.0	11.5	9.0	.0	126.5
61-62	.0	.0	16.0	15.0	8.0	17.0	5.5	3.0	8.0	12.5	.0	.0	88.0
62-63	.0	.0	.0	3.0	10.0	6.5	10.0	4.0	12.5	T	.0	.0	46.0
63-64	.0	.0	.0	6.0	1.5	15.5	5.0	34.0	24.0	8.5	1.0	.0	55.5
64-65	.0	.0	T	.0	45.0	13.0	3.5			11.0	T	.0	
65-66	.0	.0	2.0	5.0		8.0	7.0	7.5	T	11.0	4.5	.0	
66-67	.0	.0	.0	4.0	1.5			13.5	3.0	9.0	6.0	.0	
67-68	.0	.0	.0	14.0	3.0	57.0	6.5	12.0	22.5	24.0	T	.0	139.5
68-69	.0	.0	T	7.0		11.0	1.0	2.0	24.5	3.0	3.0	.0	
69-70	.0	.0	.0	35.0	4.0	21.5	3.5	1.5	61.1	15.5	9.0	.0	151.1

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	36.1M	44.0	47.4	55.0	67.1M	74.6M	85.9	79.0M	75.7M	62.0M	45.7	40.4M	59.4*
1952	43.5M	42.6	43.0M	57.8M	65.9M	81.0M	80.5M	74.6M	74.6M	69.7M	41.9	38.7M	
1953	46.9	42.1M	51.1M	55.5M	61.1	80.4M	81.7	79.6M	78.3M	64.4M	49.8	39.3M	60.9*
1954	45.4M	53.2	46.4M	64.4M	68.7M	80.0M	82.7M	75.6M	66.0M	56.0	46.0M		
1955	39.4	37.4M	49.4M	57.1	64.5M	74.3M	81.9M	79.5	75.5M	67.9	51.9	47.1	60.5*
1956	46.3	36.5M	49.6	55.4	71.1M	81.8M	81.9M	78.1	79.7	65.4M	43.4	36.1	60.4*
1957	37.2	49.4	48.5	52.4M	59.3	74.1	79.0	78.2M	73.0M	62.2M	38.8M	42.2	57.9*
1958	38.9M	45.0	43.1	53.4	70.3M	79.1M	83.3M	82.3	73.3M	64.9M	52.2M	48.2	61.2*
1959	39.3	39.4	46.0	55.3	65.2	79.2	82.5M	78.9M	71.9	54.8	52.0	45.6	59.2*
1960	37.9	34.0	49.7	60.1	66.0M	77.9	79.7	82.2	74.4	59.1	52.9M	37.3	59.3*
1961	39.3	42.0M	45.0	53.5	66.7	77.1M	79.2	77.7	68.3	60.8	42.6		
1962	34.2	43.3	45.3	60.0	68.3M	76.3	79.7	81.3	73.5	67.5	53.0	47.2M	60.8*
1963	35.1	46.0	47.4	59.6M	71.8M	78.3M	85.4	79.3M	77.7M	70.1M	54.7	39.9	62.1*
1964	36.8	32.8	38.4	54.8	66.9	75.2	83.8M	78.6	78.6	66.4	45.1	36.0M	
1965	43.6	39.9M	41.1M	55.2	64.8	72.2	80.3M	76.8	65.7M	66.2	54.4	45.3	58.8*
1966	38.2	38.8	54.3	59.6M	69.9M	76.7	85.2M	78.4M	73.4M	64.0M	55.2M	44.1M	61.5*
1967		41.4	53.6	58.4	64.6	72.7	80.3	73.9M	70.3M	65.1M	52.4	34.6	
1968	36.4	38.7	45.9M	50.8	63.6	78.4	78.9M	75.0	71.7M	64.2		41.2	
1969	45.3M	44.7	42.3	60.1M	70.3	70.3M	81.1M	81.0M	73.8M	52.1	50.6M	42.9	59.5*
1970	38.6	46.9M	43.4	48.1	68.3M	75.6M	82.6	81.0M	69.8M	54.7	48.8M	46.3M	58.8*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	3.7M	12.3	17.4M	24.1	31.5M	34.5M	44.8	44.9M	32.3M	23.2M	12.9	10.0M	24.3*
1952	14.0M	7.5	14.6M	24.4M	31.7M	42.5M	43.8M	33.9M	33.9M	19.2M	6.6	2.3M	
1953	14.3M	4.6M	17.5M	23.1M	25.8	40.7M	43.9	39.0M	29.4M	23.5M	13.3	1.5M	23.4*
1954	12.6M	15.3	12.1M	25.9M	31.5M	37.9M	43.3M		37.2M	30.4M	16.9	6.1M	
1955	6.2	- 1.2M	18.0M	26.6	32.4M	37.7M	44.3M	43.7	35.4M	21.7	15.6	13.6	24.5*
1956	9.1	3.3M	15.7	22.0	33.1M	40.2M	38.3M	40.4	32.8	24.0M	5.6	- .8	22.0*
1957	6.6	19.0	18.2	19.3M	31.0	37.5	45.8	42.9M	28.7M	29.5M	3.7M	6.8	24.3*
1958	1.1M	12.7	12.4	19.6	32.2M	40.5M	39.6M	43.2	37.4M	22.9M	16.2M	13.5	24.3*
1959	5.8	12.0	16.0	22.4	36.2	41.3	41.1M	44.6M	34.2	22.4	13.9	8.8	24.9*
1960	4.1	1.3	16.8	28.0	25.9	40.6	41.5	43.1	36.9	26.2	19.0M	5.6	24.6*
1961	- 1.2	8.4	18.6	24.2	34.4	39.3M	42.6	45.2	34.1	21.9	14.3	1.0M	23.6*
1962	.5	17.2	12.3	26.4	30.6M	35.9	43.5	42.6	36.9	26.9	16.1	10.3M	24.9*
1963	- 3.8	14.5	14.9	26.9M	31.4M	41.5M	44.5	45.6M	39.7M	33.2M	17.3	1.1	25.3*
1964	.7	- 2.9	7.7	25.0	33.5	38.4	45.8M	43.6		22.6	15.0	5.1M	
1965	15.1	5.1M	9.5	28.5	32.7	39.5	46.8M	41.6	34.6M	24.1	19.4	12.4	25.8*
1966	1.3	4.3	16.7M	22.4M	30.3M	38.7	47.1M	45.4M	36.3M	25.9M	19.7M	8.1M	24.7*
1967		5.8M	23.3	28.1	30.8	41.1	48.1	43.0M	36.9M	26.6M	19.3	3.0	
1968	3.7	4.9	14.9M	20.7M	31.1	40.9	48.2M	44.8	34.3M	27.9		9.5	
1969	17.8M	11.9	10.6	26.9M	34.6	40.0M	48.4M	47.8M	34.4M	25.8	12.0M	8.5	26.9*
1970	6.4	15.9M	12.2	18.9	32.1M	41.1M	45.7	47.7M	31.9M	21.7	16.8M	12.9M	25.4*

WESTCLIFFE

05 8931 1

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	19.9M	24.2	32.4M	39.6	49.3M	54.6M	65.4	62.0M	54.3M	42.6M	29.3	25.3M	41.9*
1952	26.8M	25.1	26.9M	41.1M	48.8M	61.8M	62.2M		54.3M	44.2M	24.3	21.5M	
1953	30.6M	23.4M	34.3M	39.3M	45.5	60.5M	62.3	59.3M	53.9M	44.0M	31.6	20.4M	42.1*
1954	29.1M	34.3	29.3M	45.2M	50.1M	59.0M	54.0M		50.5M	44.2M	36.5	26.1M	
1955	22.8	15.1M	33.7M	41.9	48.5M	56.0M	63.1M	61.6	55.5M	44.8	33.8	37.4	42.5*
1956	27.7	19.9M	32.7	38.7	52.1M	61.0M	60.1M	59.3	55.3	44.7M	24.5	17.7	41.2*
1957	22.9	34.2	33.4	35.9M	45.2	55.8	62.4	60.6M	50.3M	45.9M	21.3M	24.5	41.1*
1958	20.0M	24.9	27.8	36.5	51.3M	59.8M	61.5M	62.8	55.4M	41.9M	34.2M	30.9	42.8*
1959	22.6	25.7	31.0	38.9	50.7	60.3	61.9M	61.6M	53.1	38.6	33.0	27.2	42.1*
1960	21.0	17.7	34.3	44.1	48.0M	59.3	60.6	62.7	55.7	42.7	36.0M	21.5	42.0*
1961	19.1	25.2M	31.8	38.9	50.5	58.2M	60.9	61.5	51.2	41.4	28.5		
1962	17.4	30.3	28.8	43.2	49.5M	56.1	61.6	62.0	55.2	47.2	34.6	23.3M	42.9*
1963	15.7	30.3	31.2	43.3M	51.6M	59.9M	65.0	62.5M	58.7M	53.2M	36.0	23.5	43.7*
1964	18.8	15.0	23.1	39.9	50.2	56.8	64.8M	61.1		44.5	30.1	20.6M	
1965	29.4	22.5M	25.3M	41.9	48.8	55.8	63.6M	59.2	50.2M	45.2	36.9	28.9	42.3*
1966	19.8	21.6	35.5M	41.0M	50.1M	57.7	56.2M	61.9M	55.0M	45.0M	37.5M	26.1M	43.1*
1967		23.6M	38.5	43.3	47.7	56.9	54.2	58.5M	53.6M	45.9M	35.9	18.3	
1968	20.1	21.6	30.4M	35.8M	47.4	50.7	62.6M	53.9	53.0M	48.1		25.4	
1969	31.6M	24.3	26.5	43.5M	52.5	55.2M	64.9M	64.4M	55.1M	39.0	31.3M	25.7	43.2*
1970	22.5	32.4M	27.8	33.5	50.2M	56.4M	64.2	64.4M	50.9M	33.2	33.8M	29.6M	42.2*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrences.

CLIMATOLOGY REPORT NO. 77-1

WETMORE 2S

05 8986 1

COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	YEAR'S			EXTREMES				MEAN NO OF DAYS					SNOW, SLEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX			MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW												
JAN.	46.3	18.2	32.3	68.	1954	24	-29.	1963	12	0.0	3.7	29.0	2.3	.61	1.14	1960	14	8.4	14.	1960	14	1.8	.1	.1	
FEB	49.0	20.0	34.0	73.	1951	10	-22.	1951	1	0.0	2.4	25.2	1.8	1.01	1.15	1965	11	12.6	20.	1965	11	2.1	.5	.1	
MAR	52.2	23.5	37.8	77.	1966	31	-9.	1954	3	0.0	1.8	25.6	1.0	1.64	1.30	1953	30	16.4	14.	1964	8	3.4	1.4	.2	
APR	62.0	32.4	47.2	85.	1954	18	3.	1959	12	0.0	.1	15.4	0.0	2.34	3.29	1957	2	7.6	28.	1957	2	3.5	1.3	.6	
MAY	71.4	41.4	56.4	90.	1951	28	19.	1954	2	.1	0.0	2.8	0.0	2.90	3.33	1955	18	1.7	9.	1954	1	4.6	1.9	.9	
JUN.	81.6	49.0	65.3	102.	1954	23	30.	1954	3	5.3	0.0	.2	0.0	1.35	2.00	1963	16	.1	0.	0	0	3.6	.9	.1	
JUL	86.9	55.2	71.1	101.	1952	22	41.	1952	8	12.3	0.0	0.0	0.0	2.45	1.78	1965	31	0.0	0.	0	0	5.6	1.6	.3	
AUG	83.9	53.8	68.9	99.	1967	25	41.	1964	28	6.1	0.0	0.0	0.0	2.85	2.00	1961	12	0.0	0.	0	0	6.4	1.4	.4	
SEP	78.2	46.7	62.5	95.	1960	5	27.	1965	21	2.0	0.0	.9	0.0	1.14	1.73	1961	3	1.7	5.	1961	3	3.7	.6	.2	
OCT	68.1	37.5	52.0	88.	1967	19	18.	1967	30	0.0	0.0	7.9	0.0	1.27	1.80	1959	1	4.0	7.	1967	29	3.0	.9	.2	
NOV	54.5	26.1	40.4	79.	1967	13	-8.	1952	26	0.0	1.6	22.8	.4	1.02	1.15	1951	5	13.9	16.	1951	1	2.0	.6	0.0	
DEC	47.6	20.4	34.1	75.	1965	4	-8.	1963	11	0.0	3.0	28.8	1.2	.97	2.05	1954	27	9.5	20.	1954	27	1.2	.2	.1	
ANNUAL	64.8	35.1	49.9							26.	13.	158.	7.	19.6				76.				41.	11.	3.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROR. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	.25	0.00	0.00	0.00	0.00	1.11	.58	.12	0.00	.12	0.00	11.80
.10	.14	.35	.83	.51	.52	.22	1.33	.84	.21	.04	.21	.21	13.21
.20	.26	.50	1.11	.96	1.07	.46	1.63	1.26	.37	.16	.35	.43	15.06
.30	.35	.63	1.29	1.32	1.52	.70	1.87	1.64	.52	.33	.49	.55	16.49
.40	.44	.76	1.46	1.66	1.97	.92	2.10	2.03	.69	.53	.64	.69	17.79
.50	.53	1.09	1.62	2.03	2.45	1.15	2.33	2.44	.89	.78	.81	.84	19.07
.60	.64	1.04	1.78	2.43	2.98	1.41	2.57	2.90	1.11	1.10	1.01	1.01	20.41
.70	.76	1.23	1.97	2.91	3.63	1.74	2.85	3.46	1.39	1.51	1.25	1.21	21.90
.80	.93	1.45	2.20	3.55	4.48	2.16	3.21	4.20	1.77	2.11	1.57	1.48	23.74
.90	1.19	1.83	2.55	4.05	5.23	2.86	3.74	5.39	2.40	3.16	2.11	1.89	25.46
.95	1.43	2.18	2.87	5.51	7.15	3.52	4.22	6.51	3.01	4.23	2.64	2.28	28.85
ALPHA	2.41	2.74	7.56	2.35	2.04	1.87	6.50	2.25	1.43	.83	1.64	2.38	13.98
BETA	.27	.37	.23	1.05	1.51	.79	.38	1.27	.80	1.62	.66	.43	1.40
C	.06	0.00	.66	.06	.06	.06	0.00	0.00	0.00	.06	0.00	.06	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 C = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.2	36.6	36.7	44.8	56.1	60.4	72.0	67.9M	60.7	49.7	37.7	31.4	48.6*
1952	34.7	34.4	34.4	47.0		69.3	71.3	70.2	65.2	53.9	33.9	32.2	
1953	39.9	34.3	42.9	43.9	51.9	68.8	71.8	68.7	65.4	53.5	42.1	32.0	51.3
1954	36.5	43.6	35.4	53.2	54.3	68.1	74.1	70.4	69.0	53.7M	44.5	36.4	53.0*
1955	31.0	28.9	39.1	48.7	57.1	63.3	71.5	70.5	64.1	54.3	36.7	35.5	50.1
1956	34.0	28.4	38.9	44.9	58.2	66.4	67.3	65.8	65.1		36.9	36.0	
1957	29.7	40.4	39.1	41.1	52.1	63.8	69.7	69.2	61.2	51.2	35.1	38.5	49.2
1958	34.0	38.4	30.9	44.8	59.8	66.3	69.5	71.9	64.3	53.5	42.5	37.3	51.1
1959	31.3	32.5	38.3M	46.3	55.9M	67.7	70.1	70.7	60.9	48.0	40.1	37.5	49.9*
1960	29.0	24.2	38.5	50.0	55.2	66.5	70.2	70.8	64.5	52.3M	41.6	32.1	49.6*
1961	33.1	35.9	38.0	45.9	56.3	64.4	68.7	67.6	56.8	50.0	36.8	28.9	48.5
1962	26.5	35.7	36.1	49.2	58.5	63.6M	70.4	71.1	62.8	54.4	42.9	36.3	50.6*
1963	23.7	38.1	39.0	51.0	60.9	67.3	74.0	68.1	65.3	58.2	43.5	31.1	51.7
1964	31.6	27.1	33.2	47.1	57.7	64.0	73.7	68.5	61.4	53.3	40.3	33.9	49.3
1965	37.3	32.0	29.1	48.9	56.0	63.1	70.6M	66.2	55.7	54.9	45.5	38.2	49.8*
1966	29.0	29.8	43.5	46.9	58.6	66.3	73.3	66.5	61.8	50.7	42.6	32.2	50.2
1967	35.8	34.4	44.6	50.3	54.1	61.3	69.7	66.6	60.9	53.4	42.3	28.9	50.2
1968	35.6M	37.5	43.3	46.1									
1969													
1970													

SEASON

- 50-51
- 51-52
- 52-53
- 53-54
- 54-55

Summary Table

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- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WINDSOR

05 9147 4

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)												
	MEANS		EXTREMES				MEAN NO OF DAYS						SNO. SFEET				MEAN NO OF DAYS								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN				MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
									90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	.10 OR MORE	.50 OR MORE									1.00 OR MORE		
JAN														.27	.48	1962	8	3.3	6.	1952	30	.9	0.0	0.0	
FEB														.28	.51	1951	13	2.7	1.	1952	19	1.4	0.0	0.0	
MAR														.81	1.10	1961	28	7.3	12.	1959	26	2.4	.3	.1	
APR														1.12	1.45	1957	2	1.0	9.	1957	3	2.5	.5	.1	
MAY														2.39	1.70	1961	13	0.0	0.	0	0	4.5	1.6	.8	
JUN														1.83	1.61	1961	5	0.0	0.	0	0	4.4	1.2	.2	
JUL														1.33	1.98	1954	15	0.0	0.	0	0	2.6	.5	.1	
AUG														1.28	2.34	1951	3	0.0	0.	0	0	2.9	.5	.1	
SEP														1.12	2.19	1963	23	0.0	0.	0	0	2.9	.4	.2	
OCT														1.01	1.22	1962	6	0.0	0.	0	0	2.5	.4	.1	
NOV														.42	.56	1955	11	1.7	4.	1952	1	1.6	.1	0.0	
DEC														.29	.60	1958	12	2.6	5.	1951	31	.7	.1	0.0	
ANNUAL														12.1				19.				29.	5.	2.	

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	.04	.28	.52	.36	.18	.11	0.00	.03	0.00	0.00	7.02
.10	.03	.08	.14	.38	.74	.52	.24	.20	.09	.07	.07	0.00	7.95
.20	.07	.14	.25	.55	1.09	.79	.48	.37	.26	.17	.14	.06	9.17
.30	.11	.18	.36	.69	1.41	1.04	.65	.55	.43	.29	.21	.12	10.13
.40	.15	.21	.49	.83	1.73	1.29	.87	.74	.61	.45	.28	.18	11.01
.50	.20	.29	.62	.98	2.07	1.56	1.07	.96	.87	.64	.35	.24	11.87
.60	.26	.34	.74	1.13	2.40	1.84	1.32	1.23	1.07	.88	.43	.30	12.77
.70	.33	.40	.93	1.35	2.71	2.13	1.56	1.51	1.34	1.20	.53	.38	13.79
.80	.43	.50	1.17	1.61	3.02	2.43	1.87	1.81	1.61	1.46	.66	.44	14.95
.90	.60	.50	1.74	2.02	4.47	3.50	2.70	2.77	2.77	2.46	.88	.64	16.32
.95	.77	.59	2.20	2.40	5.38	4.25	3.34	3.51	3.25	3.28	1.04	.80	18.57
ALPHA	1.27	3.18	1.35	2.74	2.38	2.15	1.66	1.28	1.22	.81	1.78	1.67	11.88
BETA	.22	.09	.60	.41	1.01	.85	.80	1.00	.97	1.26	.25	.18	1.03
Q	.05	.05	0.00	0.00	0.00	0.00	0.00	0.00	.05	0.00	.05	.15	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA= SHAPE PARAMETER BETA= SCALE PARAMETER
 Q= NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

WINDSCR

05 9147 4

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.42	.53	.12	1.14	2.22	2.00	1.41	3.44	.71	2.28	.32	.94	15.53
1952	T	.11	1.26	.93	3.98	2.18	.24	1.08	.13	.23	.75	.33	13.49
1953	.13	.29	1.14	1.25	2.18	.91	1.54	.54	.05	.10	.35	.31	8.79
1954	.13	.00	.66	.15	2.03	.63	2.44	1.79	.73	.32	.86	.39	12.13
1955	.56	.210	1.06	.55	.97	2.32	2.09	2.83	1.40	.32	1.18	.43	13.92*
1956	.35	.33	.44	1.13	2.45	.76	1.01	1.49	.00	.93	.62	.45	9.06
1957	.41	.10	.46	2.43	4.64	2.05	.89	1.97	.80	1.85	.32	.00	16.01
1958	.07	.35	1.47	1.95	6.21	2.43	1.41	.73	.43	.53	.30	.78	16.57
1959	.32	.34	1.58	1.48	2.32	.11	1.32	.29	1.84	2.88	.02	.00	12.50
1960	.39	.52	.35	.93	1.46	.57	1.02	.04	.28	2.20	.06	.29	8.02
1961	.05	.25	3.06	.27	4.50	2.00	2.29	2.60	3.35	.77	.39	.20	15.73
1962	.81	.34	.12	.38	2.80	1.24	1.24	1.37	.42	1.22	.73	.11	10.78
1963	.59	.39	.91	.41	.36	2.75	.38	2.79	3.45	.46	.11	.64	13.25
1964	.23	.14	.81	1.53	1.480	.580	.04	.21	.34	.31	.33	.12	5.82*
1965	.11	.56	.41	.92	1.72	3.62	3.29	.52	2.22	.33	.00	.40	14.10
1966	.04	.35	.05	.86	.29	1.75	.29	1.12	1.71	.29	.38	.32	7.47
1967	.46	.21	.32	2.21	2.68	3.65	1.92	.76	.69	.56	.24	.14	13.84
1968	.03	.23	.60	1.18	1.84						.45	.11	
1969	.24	.17	.15	1.24	2.55	2.31	.64	.49	.92	3.46	.37	.00	12.65
1970	.62	.04	1.32	1.44	1.05E	2.91E	1.72E	.22	1.78	1.44	.72	.27	12.94*

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							9.0	2.0	5.0	5.5	T	.3	
51-52	.0	T		.0	6.0	11.5	T	.5	15.0	T	.0	T	
52-53	.0	.0	.0	.0		.0					.0	.0	
53-54	.0	.0	.0	.0				.0		T		.0	
54-55	.0	.0	.0	.0							.0	.0	
55-56	.0	.0	.0	.0							.0	.0	
56-57	.0	.0	.0	.0				.0			.0	.0	
57-58	.0	.0	.0	.0	2.0	.0				T	.0	.0	
58-59	.0	.0	.0	.0							.0	.0	
59-60	.0	.0	.0	.0	.0	.0					.0	.0	
60-61	.0	.0	.0	.0	T			T				.0	
61-62	.0	.0	.0	.0							.0	.0	
62-63	.0	.0	.0	.0				.0		T	.0	.0	
63-64	.0	.0	.0	.0	.0		T				.0	.0	
64-65	.0	.0	.0	.0				13.5	6.8	3.5	T	.0	
65-66	.0	.0	T	.0	.0						T	.0	
66-67	.0	.0	.0	T			9.5				T	.0	
67-68	.0	.0	.0	.0	5.5		.0	5.0	5.0	T	.0	.0	
68-69						1.5	4.5	3.5	4.8	.3	.0	.0	
69-70	.0	.0	.0				.0				.0	.0	

CLIMATOLOGY REPORT NO. 77-1

WINTER PARK

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	MEANS			EXTREMES						MEAN NO. OF DAYS			SIGN. SLEET				MEAN NO. OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.														2.52	1.14	1955	17	42.0	58.	1952	1	8.0	.9	.1
FEB														2.13	.70	1967	19	35.2	60.	1956	19	7.4	.7	0.0
MAR														2.59	.80	1952	31	38.1	59.	1965	26	8.6	.8	0.0
APR														2.99	1.34	1957	2	31.7	59.	1970	5	8.9	1.4	.2
MAY														2.63	2.78	1969	7	7.6	39.	1970	1	7.4	1.2	.2
JUN.														2.14	1.45	1970	12	.3	7.	1970	12	6.0	1.1	.2
JUL														2.07	1.15	1957	13	0.0	0.	0	0	6.8	.7	.1
AUG														2.37	1.55	1957	13	0.0	0.	0	0	6.8	.9	.1
SEP														2.04	1.72	1959	27	3.3	20.	1959	28	5.4	1.2	.3
OCT														1.89	1.10	1967	29	12.8	26.	1969	5	5.8	1.2	.2
NOV														1.97	.92	1965	26	26.9	30.	1955	24	6.2	.8	0.0
DEC														2.48	1.90	1952	23	30.2	56.	1951	31	7.2	.8	.1
ANNUAL														27.8				237.				85.	12.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.10	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.20	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.30	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.40	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.50	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.60	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.70	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.80	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.90	.00	.00	.13	.40	.86	.48	.92	.97	.27	.47	.89	.66	20.61
.95	4.61	3.37	4.32	5.08	5.18	4.77	3.60	4.27	5.15	4.09	3.46	4.58	35.93
ALPHA	5.02	9.77	6.07	6.92	3.75	2.46	6.22	5.34	1.64	2.69	5.88	4.25	35.47
BETA	.50	.22	.43	.43	.70	0.87	.33	.44	1.24	.70	.33	.51	6.78
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.72	2.01	2.00	3.73	2.90	3.89	1.52	2.27	1.82	2.30	1.89	6.64	33.75
1952	3.05	1.63	3.28	3.22	3.14	1.90	2.76	3.35	.93	.54	1.34	2.88	23.38
1953	3.12	1.73	2.46	3.68	3.73	2.00	2.49	1.93	.42	1.41	1.40	1.97	26.34
1954	1.24	1.01	3.34	1.50	2.50	.95	3.15	1.41	3.23	1.70	1.42	1.77	23.22
1955	3.17	1.66	3.21	1.22	3.30	1.52	1.75	3.07	.43	2.48	4.19	2.24	28.01
1956	3.38	3.15	1.11	3.57	1.77	.12	2.33	2.61	.08	2.28	1.36	1.75	23.53
1957	4.73	1.83	2.72	6.41	5.15	2.07	3.50	4.66	1.40	1.81	2.05	2.31	35.64
1958	1.26	2.10	3.07	2.81	1.75	1.42	1.21	1.45	.91	.92	1.58	2.63	21.01
1959	3.61	3.11	3.07	1.65	3.33	2.62	.33	1.42	4.41	3.70	1.37	.53	29.81
1960	1.43	3.42	4.26	2.50	2.94	1.14	2.01	.92	1.55	1.46	1.40	2.00	25.03
1961	1.18	1.68	2.62	4.25	2.96	1.35	3.00	2.57	7.14	1.61	2.17	2.03	32.81
1962	3.19	3.17	1.45	4.03	2.11	1.68	1.40	.82	1.17	1.26	.82	1.52	22.62
1963	3.38	1.95	2.12	1.65	.76	3.77	1.35	5.07	1.88	1.15	1.07	2.03	26.18
1964	1.74	1.76	3.34	2.62	.86	2.16	1.44	2.36	1.24	.73	1.89	4.16	24.35
1965	3.18	1.20	3.96	2.38	2.88	2.51	4.40	2.80	2.52	.29	3.70	1.44	31.26
1966	.86	2.04	.98	2.84	1.44	2.00	2.14	2.26	2.06	1.78	1.49	2.40	22.29
1967	2.64	3.20	2.92	3.58	3.00	2.92	1.40	1.82	2.58	2.74	1.74	3.91	32.35
1968	1.10	2.48	1.54	2.46	3.16	.62	1.46	2.03	2.02	1.12	3.23	1.84	23.01
1969	2.73	1.69	1.04	2.36	4.48	5.63	1.88	2.30	1.44	5.56	2.10	2.73	33.96
1970	2.67	1.96	3.32	3.41	.50	2.55	1.28	2.28	3.40	2.98	3.12	2.71	30.18

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51					30.0	95.0	51.0	47.0	43.0	37.5	7.0	.3	
51-52	.0	.0	.0		19.0	34.0	50.5	39.0	50.5	21.5	.0	.0	
52-53	.0	.0	.0	.0	23.5	38.5	22.5	15.5	35.5	5.0	.0	.0	204.0
53-54	.0	.0	.0	7.0	20.0	27.0	40.5	24.5	57.5	25.5	2.0	.0	204.0
54-55	.0	.0	.0										
55-56	.0	.0	.0	15.0	63.5	42.0	59.0	48.0	23.0	47.5		.0	
56-57	.0	.0	.0	14.0	21.5	29.0	81.5	32.5	41.0	72.0		.0	
57-58	.0	.0		6.0	33.0	43.5	34.5	35.0	49.0	36.5	.5	.0	
58-59	.0	.0			16.5	41.5	59.0	52.0	52.5	23.5	12.0	.3	
59-60	.0	.0	36.0	29.0	19.0	15.0	27.0	45.5	49.0	22.0	21.0	.3	263.5
60-61	.0	.5	.0	5.0	19.5	35.0	20.0	27.0	33.0	50.0	11.0	.0	201.0
61-62	.0	.0		19.0	30.5	45.5	50.5	50.5	27.0	42.0	5.0	.3	
62-63	.0	.0	.0	2.0	7.0	25.5	55.0	22.5	25.5	14.5	2.0	.3	154.0
63-64	.0	.0	.0	4.0	15.0	33.0	27.0	29.0	46.5	34.5	3.0	.3	192.0
64-65	.0	.0	.0	5.0	26.0	59.0	50.5	21.5	57.0	25.5	11.5	.3	256.0
65-66	.0	.0	.0	.0	51.5	24.5	13.5	30.0	13.0	24.5	.0	.3	163.0
66-67	.0	.0	.0	14.5	16.5	32.5	46.0	50.0	32.5	16.5	16.5	.3	249.0
67-68	.0	.0	.0	15.5	25.5	65.0	17.0	45.0	24.0	21.5	11.5	.3	229.0
68-69	.0	.0	3.5	.0		27.0	33.0	13.5	13.5	27.0	20.0	.3	
69-70	.0	.0	.0	54.0	28.0	36.0	30.0	23.0	42.5	34.5	3.0	7.0	264.0

CLIMATOLOGY REPORT NO. 77-1

WOLF CREEK 4W

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COLORADO CLIMATOLOGY OFFICE
 COLORADO STATE UNIVERSITY
 FT. COLLINS, CO. 80523

YEAR	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	AVERAGE		EXTREMES		MEAN NO OF DAYS			SNO, SLEET			MEAN NO OF DAYS													
	MAXIMUM	MINIMUM	RECORD HIGHEST	RECORD LOWEST	MAX	MIN	90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW	MEAN	GREATEST DAY	MAX. DEPTH ON GROUND	.10 OR MORE	.50 OR MORE	1.00 OR MORE								
	MONTHLY	MONTHLY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY	YEAR	DAY								
JAN	34.0	11.6	22.8	59	1956	1	-10	1955	22	0.0	15.2	31.0	2.7	4.36	3.20	1956	27	74.9	128	1968	31	6.6	2.6	1.3
FEB	34.7	10.3	22.5	56	1954	4	-19	1951	1	0.0	12.5	28.5	3.7	3.83	2.02	1955	18	52.8	134	1968	15	7.4	3.3	1.1
MAR	37.5	13.7	25.6	57	1953	6	-8	1952	22	0.0	7.7	30.8	1.7	4.87	2.55	1952	11	57.0	117	1965	29	9.3	3.5	1.4
APR	46.1	23.3	34.8	67	1954	11	2	1955	4	0.0	2.0	29.2	0.0	3.10	2.35	1961	8	31.8	154	1952	1	5.8	2.0	.7
MAY	55.3	30.5	42.9	73	1951	26	12	1953	2	0.0	.4	17.6	0.0	1.81	2.18	1955	8	6.5	96	1952	1	3.9	1.3	.3
JUN	68.2	38.0	53.1	88	1954	22	25	1954	7	0.0	0.0	5.2	0.0	1.12	1.45	1952	3	.3	0	0	0	3.5	.7	.1
JUL	73.7	45.5	59.6	88	1953	25	32	1955	7	0.0	0.0	.2	0.0	2.99	1.82	1967	17	0.0	0	0	0	7.9	1.7	.5
AUG	71.7	43.3	57.5	84	1952	1	35	1956	2	0.0	0.0	0.0	0.0	3.40	1.38	1964	12	0.0	0	0	0	8.3	2.5	.5
SEP	67.9	37.6	52.7	78	1955	2	20	1955	21	0.0	0.0	4.0	0.0	2.92	3.20	1970	6	1.7	15	1959	30	6.8	1.9	.5
OCT	57.2	29.5	43.4	75	1952	9	12	1956	24	0.0	.2	20.8	0.0	3.03	2.75	1959	2	16.2	42	1959	4	5.1	2.2	.9
NOV	43.2	17.5	31.4	67	1953	2	-8	1955	16	0.0	6.0	30.0	2.0	3.92	2.70	1969	16	51.4	68	1952	24	5.5	2.4	1.1
DEC	35.8	11.4	23.7	58	1955	23	-9	1951	21	0.0	12.2	31.0	3.5	5.46	4.90	1951	30	70.7	91	1965	31	7.4	3.4	1.4
ANNUAL	50.8	24.9	37.9							56	228	15	40.8					363				78	28	10

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.67	1.01	.91	1.24	0.00	0.00	.62	.78	0.00	0.00	1.30	1.10	30.04
.10	1.04	1.38	1.34	1.53	.42	.09	.89	1.10	0.00	0.00	1.67	1.60	32.00
.20	1.67	1.93	1.96	1.53	.75	.25	1.33	1.59	.87	.81	2.21	2.40	34.48
.30	2.27	2.42	2.27	1.53	1.03	.42	1.73	2.04	1.40	1.35	2.68	3.13	36.35
.40	2.90	2.90	3.39	2.27	1.29	.60	2.13	2.49	1.90	1.87	3.12	3.27	38.00
.50	3.58	3.40	4.12	2.90	1.57	.81	2.57	2.96	2.42	2.44	3.59	4.27	39.58
.60	4.37	4.96	4.94	3.79	1.88	1.08	3.05	3.63	3.01	3.07	4.09	5.26	41.21
.70	5.33	5.63	5.94	4.44	2.26	1.38	3.63	4.12	3.72	3.85	4.68	6.54	43.00
.80	6.62	5.49	7.26	4.15	2.74	1.72	4.41	4.96	4.65	4.88	5.44	8.07	45.16
.90	8.71	6.85	9.39	4.92	3.52	2.56	5.64	6.28	6.15	6.56	6.61	10.35	48.28
.95	10.72	8.13	11.42	5.63	4.25	3.29	6.80	7.53	7.58	8.17	7.70	12.52	50.96
ALPHA	1.79	2.90	2.08	5.17	2.35	1.18	2.28	2.50	1.94	1.73	3.82	2.23	39.16
BETA	2.44	1.00	2.34	.60	.01	1.60	1.31	1.36	1.68	1.96	1.03	2.45	1.02
Q	0.00	0.00	0.00	0.00	.05	.05	0.00	0.00	.11	.11	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 Q = NO. OF MONTHS HAVING ZERO PRECIPITATION / TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	6.79	2.44	3.09	3.20	1.91	.00	3.55				7.35	16.01	
1952	11.21	4.20	9.44	3.29	.68	1.73	2.23	5.97	4.15	T	7.99	2.97	53.66
1953	3.09	1.58	4.99	6.01	2.87	1.47	4.12	2.36	.15	4.50	4.60	2.15	37.89
1954	6.18	1.35	7.82	1.04	3.03	.35	4.49	5.33	3.97	2.23	2.00	2.51	40.37
1955	5.15	8.13	1.16	3.59	3.76	.10	3.54	2.95	.83	.38	6.08	7.03	42.76
1956	10.67	4.46	3.24	4.76	1.210	1.180	2.570	.80	.00	3.45	1.92	2.73	36.99*
1957					5.41	.07	4.06	4.02	.00	7.43	3.82	3.13	
1958	2.00	4.95	7.45	3.80	1.95	.60	1.08	1.50	4.40	1.74	2.85	1.20	33.48
1959	.90	6.79	.75	4.82	1.39	1.39	1.51	6.03	3.81	8.59	1.48	7.09	44.55
1960	6.00	4.87	5.09	3.97	1.89	.61	.89	1.59	1.57	2.60	2.96	3.73	35.74
1961	.780	3.39	12.74	3.71	2.50	.72	2.53	5.47	4.68	5.33	3.45	4.10	49.40*
1962	2.35	7.68	4.39	1.31	1.42	.29	2.15	1.09	3.16	3.15	4.24	2.88	34.12
1963	5.40	2.85	2.25	2.51	.27	1.06	2.28	2.92	3.08	1.83	2.46	1.58	28.51
1964	1.71	2.56	5.15	3.37	.44	.18	3.56	4.75	3.98	T	5.48	10.120	41.34*
1965	6.61	2.23	5.640	2.17	2.56	1.16	3.23	.60	5.93	1.71	4.52	9.57	46.33*
1966	.91	3.55	1.70	1.99	.65	1.94	.11	1.41	1.98	2.36	3.75	12.350	32.70*
1967	2.68	.73	2.21	1.78	1.40	2.84	7.38	6.29	.97	.40	.61	8.03	35.98
1968	4.77	2.57	1.59E	2.26E	1.67E	.48E	4.53	5.64	1.29	.70	4.06	5.42	35.12*
1969	4.89E	7.02	2.93	1.43	1.20	5.25	3.35	2.90	4.35	7.60	4.00	2.36	46.95*
1970	.80	1.52	10.95	3.86	T	1.00	1.95	2.95	7.35	3.43	4.80	3.93	42.46

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							104.0	40.0	59.0	35.0	10.0	.0	
51-52	T				73.0	181.0	135.3	61.0	116.0	20.0	T	T	
52-53	.0	T	T	.0	125.0	49.5	49.0	26.0	88.0	78.0	16.0	T	431.5
53-54	.0	.0	.0	27.0	43.0	26.0	74.0	20.0	96.0	6.0	18.0	T	310.0
54-55	T	T	.0	2.0	26.0	36.0	93.0	101.5	25.0	35.0	17.0	.0	335.5
55-56	.0	T	.0	5.4	71.5	85.5	170.5	62.0	40.0				
56-57		.0	.0	20.0				17.0	43.0		T	.0	
57-58	.0	.0	.0					51.5	107.0	48.0	T	.0	
58-59	.0	.0	.0	8.0	42.0	16.0	17.5	118.0	16.0	31.0	T	.0	248.5
59-60	.0	.0	22.0	73.0	10.0	93.0	60.0	83.0	63.0		9.5	.0	
60-61	.0	.0	.0									.0	
61-62	.0	.0										.0	
62-63	.0	.0	.0				97.1	53.5	37.6	23.0	T	2.0	
63-64	.0	.0	.0	6.0	34.0	40.0	26.0	57.3	1.3	41.5	3.0	.0	209.1
64-65	.0	.0		T	81.0		89.5	32.0		46.0	15.0	T	
65-66	.0	.0	7.0	10.0	56.0	105.5	34.0	98.5	20.0	16.0	7.0	2.0	316.0
66-67	.0	.0	.0	2.0	53.0	130.0	53.0	14.0	25.0	18.0	T	.0	311.0
67-68	.0	.0	.0				113.0	56.0					
68-69	.0	.0	.0	T				79.5	43.0	13.5	8.0	T	
69-70	.0	.0	.0	41.5	16.1	27.0	12.0	15.0	127.0	37.0	.0	2.0	277.6

WOLF CREEK 4W

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	21.1	23.7	24.5	32.0	43.7	51.7	61.8			40.8M	27.3	20.5	
1952	20.8	21.0	20.9	35.9	43.9	53.5	59.7	58.4	53.2	48.0	27.3	21.3	33.6
1953	25.4	21.8	29.4	32.7	38.8	54.7	63.4	57.0	54.5	42.6	33.5	22.1	35.3
1954	25.2M	31.2	25.3	41.3	46.3	54.8	60.3	56.1	52.2	44.5	36.3	26.2	41.6*
1955	18.9	17.9	26.1	30.5	42.0	50.7	57.2	58.2	48.5	42.7	32.1	27.0	37.7
1956	27.6	19.7	28.3					57.7	55.0	41.7	25.8	24.5	
1957	20.8M												
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													

SE-4506

50-51

51-52

52-53

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

WRAY

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)												PRECIPITATION (INCHES)											
	YEAR'S			EXTREMES						MEAN NO OF DAYS			SNOW, SLEET				MEAN NO OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	MEAN NO OF DAYS		
										90 OR ABOVE	52 OR BELOW	52 OR BELOW	0 OR BELOW									.10 OR MORE	.50 OR MORE	1.00 OR MORE
JAN.	44.1	14.0	29.1	74.	1970	27	-19.	1963	12	0.0	5.9	30.5	4.1	.33	.60	1952	13	3.7	12.	1960	17	1.1	0.0	0.0
FEB	49.7	18.4	33.6	80.	1970	17	-21.	1960	25	0.0	3.3	27.2	1.4	.35	.60	1952	28	3.3	9.	1960	4	.7	0.0	0.0
MAR	53.5	22.6	38.1	88.	1967	29	-24.	1960	3	0.0	2.5	26.8	.8	.77	.76	1970	18	6.8	9.	1970	18	2.4	.2	0.0
APR	66.3	33.9	50.1	93.	1962	25	9.	1953	12	.3	.1	12.5	0.0	1.40	2.00	1953	24	1.7	10.	1961	8	2.8	.8	.1
MAY	76.4	45.1	60.7	99.	1965	2	22.	1967	1	3.9	0.0	1.4	0.0	3.05	3.56	1951	15	.1	1.	1968	16	6.3	2.3	.5
JUN	86.1	54.4	70.3	110.	1954	23	25.	1954	3	11.8	0.0	.1	0.0	3.20	3.20	1962	30	0.0	0.	0	0	6.3	2.4	.9
JUL	91.9	60.3	76.0	112.	1954	11	39.	1952	8	20.3	0.0	0.0	0.0	2.71	2.13	1962	31	0.0	0.	0	0	5.2	2.0	.9
AUG	90.3	58.0	74.2	105.	1970	6	37.	1964	30	19.0	0.0	0.0	0.0	2.41	2.66	1961	1	0.0	0.	0	0	4.1	1.5	.7
SEP	81.7	47.2	64.5	102.	1960	3	28.	1965	24	6.9	0.0	.8	0.0	1.34	1.96	1951	2	0.0	0.	0	0	2.9	.7	.2
OCT	70.9	34.8	52.6	96.	1967	3	11.	1959	31	1.1	0.0	11.7	0.0	.93	1.27	1960	18	1.7	9.	1969	12	2.3	.6	.2
NOV	55.1	23.3	39.5	80.	1964	8	-14.	1952	27	0.0	1.4	27.7	.5	.47	.53	1967	2	1.9	4.	1967	2	1.0	.1	0.0
DEC	45.6	16.0	30.8	77.	1965	4	-19.	1961	12	0.0	3.9	30.6	2.3	.41	1.05	1952	13	3.7	5.	1967	17	1.3	0.0	0.0
ANNUAL	67.7	36.0	51.9							63.	17.	169.	9.	17.4				23.				36.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.04	.57	.59	.63	.67	0.00	0.00	0.00	0.00	10.30
.15	0.00	0.00	0.00	.17	.84	.87	.88	.89	0.00	0.00	0.00	0.00	11.63
.20	0.00	0.00	0.00	.35	1.29	1.34	1.38	1.40	0.00	0.00	0.00	0.00	12.60
.30	.05	.08	.19	.54	1.71	1.78	1.81	1.84	.25	.27	.15	.17	13.30
.40	.15	.15	.52	.75	2.13	2.22	2.25	2.28	.50	.53	.29	.29	14.60
.50	.22	.23	.65	1.00	2.54	2.70	2.74	2.77	.73	.76	.37	.36	15.78
.60	.30	.33	.80	1.31	3.10	3.25	3.28	3.30	1.00	1.00	.47	.47	16.94
.70	.40	.44	.99	1.70	3.72	3.91	3.94	3.96	1.30	1.38	.58	.52	18.15
.80	.55	.61	1.22	2.24	4.54	4.72	4.74	4.75	1.68	1.74	.74	.63	19.51
.90	.80	.88	1.61	3.15	5.88	6.19	6.25	6.25	2.19	2.28	.99	.81	21.19
.95	1.04	1.15	1.47	4.06	7.15	7.54	7.54	7.54	3.05	3.18	1.24	.98	23.66
ALPHA	1.04	1.19	2.06	1.10	2.09	2.06	2.54	3.05	1.35	1.82	1.60	2.30	13.39
BETA	.35	.37	.42	1.28	1.40	1.56	1.86	.79	1.10	.57	.31	.19	1.30
0	.10	.20	.10	0.00	0.00	0.00	0.00	.10	.10	.10	.05	.05	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.05	1.00	.00	2.07	5.69	2.08	3.36	1.23	4.59	1.28	.51	.53	22.26
1952	.70	1.25	.20	3.47	3.32	.55	.51	1.46	.54	.00	.800	1.30	14.01*
1953	T	.60	T	5.20	.48	1.25	1.27	2.59	.00	.70	1.10	.42	13.63
1954	.40	.00	.60	.05	1.81	.70	2.05	2.87	.97	.89	.18	.43	11.01
1955	.40	.54	.27	.90	3.24	2.46	.84	.69	1.15	T	.210	.25	10.95*
1956	.520	.04	.38	.19	2.55	.53	1.81	4.380	.10	.78	2.20	.36	13.84*
1957	.02	T	.92	2.65	6.29	3.54	4.33	2.710	.00	1.15	.33	.36	22.27*
1958	.23	.36	2.35	2.80	5.32	4.50	3.30	2.09	.96	.70	.42	.86	23.89
1959	.830	.370	1.960	.12	2.22	1.93	2.37	2.35	1.86	1.74	T	T	15.75*
1960	.86	1.02	.40	.81	2.83	4.04	3.59	1.33	.65	2.14	.26	.80	18.73
1961	.02	T	1.80	1.51	3.13	2.09	2.35	4.35	1.86	.25	.56	.33	18.22
1962	.44	.14	.48	.72	4.66	10.95	7.01	1.01	1.92	.42	.50	.19	28.46
1963	.54	.04	1.29	.25	1.11	1.32	2.45	3.60	3.22	.33	.45	.21	14.89
1964	T	.45	.83	2.24	1.70	3.06	.66	.87	.90	.37	.26	.07	11.41
1965	.45	.68	.61	.37	1.84	6.19	4.42	2.80	3.02	1.18	.04	.58	22.18
1966	.64	.17	.72	.61	.21	4.43	6.41	4.33	3.22	1.10	.12	.16	22.12
1967	.20	T	.18	1.31	4.74	5.23	1.49	.97	.76	.23	.53	.74	16.43
1968	.02	.19	.40	.55	3.87	2.61	1.10	5.64	.21	.27	.20	.41	14.67
1969	.20	.14	.69	1.27	5.70	3.23	2.51	1.45	.26	4.01	.19	.21	15.86
1970	.06	.06	1.41	.85	1.11	3.22	2.21	1.43	.55	1.01	.49	.11	12.51

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51							2.0	11.0	.0	.0	.0	.0	
51-52	.0	.0	.0	.0	T	5.0	.0	T	2.0	.0	.0	.0	7.0
52-53	.0	.0	.0	.0	8.0		1.0	6.0	.0		.0	.0	
53-54	.0	.0	.0	.0			4.0	.0		.0		.0	
54-55	.0	T	.0	.0		4.0	4.0		3.0	T		T	
55-56	.0	.0	.0	T							.0	.0	
56-57	.0	.0	.0	.0			2.0	T			.0	.0	
57-58	.0	.0	.0	.0	T						.0	.0	
58-59	.0	.0	.0	.0						2.5	.0	.0	
59-60	.0	.0	T	9.0	T	.0	14.5	19.0	10.9	T	.0	.0	52.4
60-61	.0	.0	.0	T	2.6	5.8	.2	T	17.5	10.0	.0	.0	36.1
61-62	.0	.0	.0	.0	4.1	4.0		2.5	2.5	.0	T	.0	
62-63	.0	.0	T	T	5.0	1.5	12.0	.4	12.0	T	.0	.0	30.9
63-64	.0	.0	.0	.0	1.5	5.5	T	8.0	8.5	8.0	T	T	31.5
64-65	.0	.0	.0	.0	3.0	.7	4.5		9.5	T	.0	.0	
65-66	.0	.0	.0	.0	T	3.5	10.5	1.4	4.5	1.0	T	.0	20.9
66-67	.0	.0	.0	4.0	T	1.5	3.0	T	1.5	1.0	T	.0	11.0
67-68	.0	.0	.0	.0	4.0	8.5	.5	1.0	4.0	1.5	1.0	.0	20.5
68-69	.0	.0	.0	.0	T	8.0	1.0	T	9.5	T	.0	.0	18.5
69-70	.0	.0	.0	14.5	1.0	2.0	.6	.6	17.0	2.5	.0	.0	31.2

WRAY

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	45.6	49.1	52.6	62.5	75.1 ^M	76.3	87.3	87.9 ^M	73.0	65.5	54.0	41.1	64.7*
1952	46.4	50.1	48.4	65.6	72.7	93.6	93.7	92.1	36.5	73.5	48.8	33.4 ^M	67.5*
1953	50.8	47.2	65.5 ^M	62.6	73.2	91.4	92.3	83.6	85.4	74.2	55.4	42.7	69.0*
1954	41.8	58.6	49.4	71.5	73.8	92.1	98.2	92.6 ^M	85.9	67.0	60.1	43.1	69.9*
1955	37.5	39.6	53.6	70.1	77.0	79.8	95.1	94.7	82.3	71.4	48.1	44.3	66.2
1956	42.1	40.4	55.8	64.8	80.0	93.3	91.1	88.5 ^M	84.9	73.7	44.3 ^M	45.7	67.1*
1957	34.8	52.2	50.2	57.7	69.1	82.8 ^M	92.8	89.6 ^M	79.4	63.2	50.6	52.5	64.4*
1958	47.1 ^M	46.0	40.1	59.4	78.8	84.4	86.4	90.9	82.0	71.2	55.7	44.3	65.6*
1959			55.7 ^M	63.8	73.7	89.3	91.4	93.1	80.3	65.1	53.9	51.3	
1960	36.3	31.9	46.1	69.2	75.1	82.7	90.1	93.2	84.3	71.9 ^M	57.0	44.9	65.2*
1961	45.9	54.4	55.1	60.7	72.9	87.6	90.7 ^M	88.2	75.9	70.6	51.1	41.4	66.2*
1962	39.6	50.3	51.7	70.5	81.2	83.2	88.9	91.1	78.4	74.2	59.9	52.0	68.3
1963	36.5	55.9	58.3	71.4	80.0	91.1	95.9	93.4	83.4	40.3	61.5	43.5	70.6
1964	52.0	45.3	52.3	65.7	81.1	85.9	96.3	92.5	83.7	74.1	56.2	49.3	69.5
1965	52.7	47.1	44.7	72.5	80.3	81.7	89.7	86.0	71.4	75.2	61.6	49.7	67.7
1966	39.0	42.4	62.5	64.5	83.3	86.6	93.5	85.9	80.1	72.9	58.4	45.6	67.9
1967	51.8	55.0	65.7	71.0	70.6	80.5	89.0	89.3	82.1	75.8	56.1	40.8	68.8
1968	47.0	51.6	53.2	67.5	71.7	92.4	91.1	87.0	82.8	75.2	53.3	43.3	68.4
1969	44.8	47.6	49.2	70.8 ^M		82.5 ^M	92.4 ^M	91.8	84.3	56.3	57.3	46.3	
1970	47.3	59.8	49.6	65.8	82.6	86.0	92.6	96.2	82.5	66.4	56.0	50.0	69.6

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	12.1	17.6	19.4	31.1	45.9 ^M	49.7	60.2	59.5 ^M	45.0	35.3	20.8	11.2	33.9*
1952	17.1	19.4	19.5	34.2	45.8	58.3	59.2	60.5	43.1	30.0	20.1	12.0 ^M	35.5*
1953	23.2	18.5 ^M	29.0 ^M	32.1	41.5	56.8	61.7	57.6	47.4	37.4	26.4	17.1	37.2*
1954	15.5	26.7	21.3	36.7	38.5	51.4	60.2	54.9 ^M	47.8	33.1	21.9		
1955	13.3	12.9	20.3	37.1	46.8	52.0	62.3	53.8	46.9	33.3	17.5	16.5	34.9
1956	17.5	12.0	23.9	23.3	47.8	58.9	58.1	57.3 ^M	45.5	36.4			
1957	3.0	21.3	23.7	33.2	43.8	52.8 ^M	60.3	58.3 ^M	42.1	37.2	21.1	13.1	35.2*
1958	11.0 ^M	17.2	16.7	33.7	49.9	53.9	57.0	56.3	48.5	32.3	20.4	15.6	34.4*
1959			26.3 ^M	31.0	45.8	57.1	55.9	58.7	43.4	33.6	17.5	13.7	
1960	10.6	10.7	21.0	36.4	43.1	54.0	57.5	55.4	46.1	37.8	25.3	18.2	34.7
1961	15.8	21.4	28.2	32.3	44.3	54.6	59.6	53.5	44.6	34.3	21.9	14.5	35.9
1962	9.5	20.2	21.8	35.8	47.8	54.1	59.4	56.7	43.3	36.8	27.3	19.3	36.5
1963	4.4	24.1	27.5	35.1	46.9	56.8	62.7	61.0	54.6	36.8	24.9	13.2	
1964	15.7	17.3	23.5	34.7	44.7	53.0	56.4	56.4	48.8	34.1	24.7	14.8	
1965	19.0	14.6	14.4	37.8	46.6	56.0	61.9	55.7	43.6	38.6	28.1	20.4	36.4
1966	9.0	15.6	26.1	32.4	44.3	54.5	65.1	56.7	49.6	33.6	25.7	15.0	35.6
1967	19.3	19.2	26.3	36.2	43.0	52.9	60.8	56.3	47.0	34.9	23.4	13.9	36.2
1968	14.9	20.6	26.7	31.1	41.0	55.6	60.9	57.5	46.9	37.5	25.4	11.1	35.6
1969	14.4	21.4	18.3	35.1 ^M	48.9	51.4	62.1	61.6	52.8	34.8	25.1	20.0	37.5*
1970	14.7	19.4	21.2	31.3	46.5	54.0	60.9	51.3	46.7	33.8	25.1	15.7	35.9

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	29.9	33.4	36.0	46.8	60.5M	63.0	73.8	73.2M	62.0	50.4	37.4	26.2	49.3*
1952	31.8	34.8	34.7	49.9	59.3	76.0	76.5	76.5	67.8	51.8	34.5	25.2M	51.5*
1953	37.0	32.9M	47.3M	45.4	57.3	74.1	77.3	73.2	66.4	56.8	40.9	29.9	53.1*
1954	28.7	42.7	35.4	54.1	56.2	71.8	79.2	73.8M	66.9	50.1	41.0		
1955	25.4	26.3	37.0	53.6	61.9	65.9	79.2	77.3	64.6	52.4	32.8	30.4	59.6
1956	29.8	26.2	39.9	47.1	63.9	75.1	74.6	72.9M	65.2	55.1			
1957	21.9	36.8	37.0	45.6	56.5	67.8M	75.6	74.0M	60.8	50.2	35.9	35.8	49.8*
1958	23.1M	31.6	28.4	46.6	64.4	69.2	71.7	73.6	65.3	51.8	38.1	30.3	50.0*
1959			41.0M	47.4	59.8	73.2	73.7	75.9	61.9	47.9	35.7	35.5	
1960	23.5	21.3	33.6	52.0	59.1	68.4	73.9	74.3	65.2	54.9M	41.2	31.6	50.0*
1961	30.9	37.9	41.7	46.5	58.6	71.1	75.2M	73.9	60.3	52.5	36.5	28.0	51.1*
1962	24.1	35.3	36.8	53.2	64.5	69.7	74.2	73.9	63.4	55.5	43.6	35.9	52.4
1963	20.5	40.0	42.9	53.3	63.5	74.0	79.3	75.2	69.0		43.2	26.4	
1964	33.9	31.3	36.4	50.2	62.9	69.5		73.5	66.3	54.1	41.5	32.1	
1965	35.9	30.9	29.6	55.2	63.5	68.9	75.8	70.9	57.5	56.9	44.9	35.1	52.1
1966	24.0	29.0	44.3	48.5	63.8	70.6	79.3	71.3	64.9	53.3	42.1	30.3	51.8
1967	35.6	37.1	46.0	53.6	56.8	67.2	74.4	72.3	64.6	55.4	39.8	27.4	52.5
1968	31.0	36.1	45.0	49.3	56.4	73.0	76.0	72.3	64.9	56.4	39.4	25.7	52.1
1969	29.6	34.5	34.1	54.5M		67.0M	77.3M	75.7	63.6	45.6	41.2	33.2	
1970	31.0	39.6	35.4	48.6	64.6	70.0	76.8	73.8	64.6	50.1	40.6	32.9	52.8

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

YAMPA

05 9265 2

COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	YEARS			EXTREMES						MEAN NO OF DAYS				SNOW, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	52 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	32.7	9.0	20.8	54.	1969	7	-24.	1966	21	0.0	14.2	30.8	8.2	1.17	.86	1951	29	19.3	30.	1952	1	3.8	0.0	0.0
FEB	34.7	7.3	18.0	51.	1970	11	-15.	1969	8	0.0	10.2	28.2	6.0	1.09	.58	1962	17	17.1	30.	1962	25	3.9	.2	0.0
MAR	41.1	12.2	26.2	59.	1969	31	-21.	1965	3	0.0	7.0	30.7	5.0	1.17	.69	1952	31	16.6	30.	1965	24	4.4	.1	0.0
APR	51.3	22.1	36.2	73.	1969	22	-1.	1970	4	0.0	.5	28.0	.2	1.42	.98	1962	29	14.9	26.	1952	1	4.6	.5	0.0
MAY	62.4	31.6	47.0	81.	1969	27	5.	1968	7	0.0	.2	16.8	0.0	1.21	.83	1960	5	5.0	5.	1955	2	4.2	.2	0.0
JUN	69.4	38.2	53.8	85.	1970	27	21.	1970	1	0.0	0.0	4.7	0.0	1.45	1.15	1957	15	.7	1.	1951	1	4.5	.5	.1
JUL	77.5	45.8	61.7	88.	1964	28	30.	1968	1	0.0	0.0	.1	0.0	1.55	1.30	1965	31	0.0	0.	0	0	4.8	.4	.1
AUG	75.1	43.3	59.2	86.	1965	1	28.	1968	24	0.0	0.0	1.7	0.0	2.06	1.04	1959	2	.3	0.	0	0	6.5	.6	.1
SEP	67.3	35.9	51.7	79.	1967	5	16.	1968	23	0.0	0.0	8.7	0.0	1.48	1.80	1961	22	3.9	22.	1961	23	4.6	.9	.1
OCT	56.3	25.3	43.8	73.	1967	3	5.	1967	30	0.0	.7	26.4	0.0	1.12	1.20	1962	19	7.9	16.	1970	7	3.9	.4	.1
NOV	43.1	17.3	30.2	63.	1967	12	-11.	1969	4	0.0	4.3	29.1	1.9	1.09	.57	1970	26	15.1	14.	1968	16	3.9	.1	0.0
DEC	32.8	8.3	20.6	53.	1970	8	-21.	1969	29	0.0	15.4	30.9	8.4	1.23	.78	1964	28	19.1	32.	1951	31	4.0	.2	0.0
ANNUAL	53.9	25.1	39.0							0.	52.	236.	30.	16.0				120.				53.	4.	1.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	.34	.37	.38	.34	.35	.29	.39	.90	.11	.09	.69	.41	11.27
.10	.45	.47	.44	.47	.47	.42	.53	.90	.20	.17	.69	.53	15.17
.20	.62	.62	.55	.68	.64	.63	.76	.34	.34	.32	.72	.70	15.17
.30	.76	.75	.74	.86	.79	.83	.96	.55	.60	.47	.83	.84	14.26
.40	.90	.87	.93	1.05	.94	1.03	1.16	.75	.82	.65	.93	.98	15.06
.50	1.05	1.08	1.06	1.24	1.09	1.24	1.37	.95	1.08	.84	1.04	1.13	15.53
.60	1.21	1.13	1.22	1.45	1.26	1.45	1.60	.16	1.40	1.07	1.15	1.28	16.62
.70	1.40	1.34	1.34	1.72	1.45	1.77	1.88	.40	1.79	1.36	1.27	1.46	17.50
.80	1.65	1.59	1.62	2.06	1.71	2.15	2.24	.71	2.34	1.77	1.43	1.70	18.57
.90	2.04	1.97	1.98	2.60	2.12	2.76	2.81	1.18	3.27	2.44	1.67	2.06	20.13
.95	2.40	2.11	2.30	3.10	2.49	3.34	3.35	3.60	4.18	3.10	1.88	2.40	21.47
ALPHA	3.24	3.99	3.74	2.60	3.25	2.20	2.73	6.97	1.17	1.25	6.44	3.91	26.44
BETA	.36	.27	.31	.54	.37	.66	.57	.34	1.26	.89	.17	.31	1.61
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA
 ALPHA = SCALE PARAMETER BETA = SCALE PARAMETER
 0 = NO. OF MONTHS HAVING 78% PRECIPITATION/TOTAL NO. OF MONTHS
 MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	2.11	.78	.55	2.15	1.60	1.59	.33	2.20	.42	1.60	.39	3.49	18.46
1952	1.53	.94	2.10	.54	1.41	1.26	1.94	2.65	.52	.32	1.11	.68	14.70
1953	1.36	.95	1.09	1.39	1.42	1.31	3.10	1.85	.13	.81	.58	1.05	15.34
1954	.48	.74	1.73	.65	.93	.75	1.06	1.53	2.23	1.42	.98	1.00	13.59
1955	.70	1.50	.82	.65	1.19	.69	.42	2.18	.53	1.17	1.90	.90	12.65
1956	2.04	1.67	.62	2.03	1.29	.16	3.19	3.32	.12	.55	1.77	1.85	18.61
1957	2.29	1.01	1.51	2.57	3.20	2.08	2.69	3.46	.39	2.19	1.23	1.26	24.08
1958	.87	1.36	1.57	1.85	.50	.43	.77	1.23	1.48	.20	1.06	1.26	12.58
1959	1.44	1.96	2.10	1.78	1.42	1.75	.73	2.76	3.63	2.15	.64	.49	20.75
1960	.89	1.50	1.97	.91	1.97	.74	.64	.94	2.36	1.97	1.34	1.13	15.45
1961	.28	.91	1.55	2.93	1.76	.99	1.72	1.96	5.28	.83	.87	1.37	20.45
1962	2.03	2.35	.81	2.64	1.02	1.45	.46	.89	.41	1.73	1.16	1.02	15.97
1963	1.11	1.12	1.51	.92	.38	2.44	.92	2.54	1.90	.27	1.11	.68	14.80
1964	.92	.73	1.39	1.24	.96	2.90	1.25	1.71	.13	.17	1.05	2.21	14.66
1965	1.27	.32	1.08	.27	1.56	1.63	4.38	1.90	2.76	.13	.94	.78	16.72
1966	.39	.63	.40	.37	1.03	.29	1.52	1.30	1.45	1.09	.25	1.71	10.44
1967	.83	.89	1.09	.87	1.09	2.71	1.15	1.10	2.19	.73	.75	1.71	15.11
1968	.34	1.57	.45	2.65	.95	.67	.98	2.03	.97	1.14	1.99	.60	14.34
1969	1.59	.24	.34	.64	.30	3.45	1.90	4.10	1.48	2.92	.69	.85	18.50
1970	.86	.66	.64	1.31	.28	1.74	1.42	1.53	1.14	2.20	1.12	.44	13.34

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51			T	8.3	11.6	52.4	33.1	12.0	8.6	14.7	3.5	7.3	153.8
51-52	.0	.0	T				25.7	13.2	28.2	4.8	9.6	T	109.6
52-53	T	5.0	T	T	16.4	11.2	21.4	13.2	17.0	16.0	9.4	T	72.5
53-54	.0	.0	.0	3.5	9.1	15.3	7.1	3.4	21.0	5.7	2.2	.2	106.0
54-55	T	T	T	9.8	10.7	15.0	12.6	23.9	14.3	9.6	7.1	3.3	143.5
55-56	.0	.0	T	9.0	28.4	14.6	33.9	25.1	9.5	20.8	2.2	.3	180.7
56-57	.0	.0	.0	3.8	28.9	27.3	40.0	20.0	20.8	31.2	5.8	3.1	113.2
57-58	.0	.0	.2	6.8	18.1	19.5	15.3	19.3	20.1	19.4	T	.3	139.0
58-59	.0	.0	1.3	2.4	14.0	18.5	21.2	24.7	23.2	22.0	5.0	.3	145.3
59-60	.0	T	20.8	16.5	11.0	8.7	14.0	24.6	28.3	7.3	14.4	T	130.1
60-61	.0	.0	T	10.5	18.4	18.3	4.4	14.1	23.2	34.8	9.2	.5	194.7
61-62	.0	.0	46.0	7.9	12.6	19.9	25.3	37.5	12.3	28.2	5.3	.0	86.3
62-63	.0	.0	.0	8.5	7.5	13.5	17.3	12.0	19.3	8.2	T	.0	86.0
63-64	.0	.0	.0	1.7	10.5	9.0	19.4	12.0	17.7	11.7	8.0	.3	120.5
64-65	.0	.0	.0	2.0	19.0	36.5	26.3	7.3	19.5	4.6	6.5	.3	63.6
65-66	.0	.0	9.5	T	11.1	12.5	9.3	10.5	7.5	2.5	1.0	.3	98.5
66-67	.0	.0	T	11.0	4.5	22.5	17.0	18.5	9.3	12.5	3.5	.3	117.0
67-68	.0	.0	T	2.5	12.5	29.5	6.5	24.0	9.3	26.5	6.5	.3	100.5
68-69	.0	.0	T	6.0	32.5	12.5	27.0	5.0	11.3	6.5	.0	T	104.5
69-70	.0	.0	.0	25.5	9.0	18.5	13.0	15.5	11.5	11.5	T	T	

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MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964							83.1	73.9	68.6	62.0	42.3	31.7	
1965	32.7	33.8	34.4	51.1	59.9	68.6	73.9	73.4	60.8	62.8	46.2	37.6	52.9
1966	31.0	31.4	45.3	53.5	65.4	71.7	79.9	75.8	70.2	55.9	47.2	29.1	54.6
1967	32.1	34.3	45.9	52.9	58.5	66.3	76.6	75.5	68.4	59.2	46.1	23.5	53.7
1968	32.6	36.8	41.6	44.3	58.4	73.5	76.4	70.6	66.6	58.2	36.7	31.5	52.3
1969	36.2	34.1	36.3	55.5	67.5	65.8	78.84	78.1	69.7	47.1	41.7	36.4	53.9*
1970	31.6	38.9	37.4	44.4	64.7	70.3	77.0	78.3	67.1	48.7	40.7	34.7	52.8

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964							47.1	42.3	35.3	24.7	17.4	9.1	
1965	12.3	4.8	4.6	24.6	31.8	38.2	45.7	42.2	34.3	28.0	23.2	11.6	25.1
1966	1.9	3.1	16.0	22.4	32.7	39.3	47.4	41.9	37.5	25.5	21.4	8.5	24.8
1967	10.9	7.7	20.7	23.6	29.9	37.5	44.9	42.8	39.9	26.8	17.1	5.2	25.3
1968	7.0	11.4	12.0	18.5	29.5	36.2	45.2	42.0	33.7	27.1	12.1	7.3	23.7
1969	12.4	7.0	7.7	25.8	34.9	38.2	45.711	45.6	39.0	23.4	11.6	9.1	25.1*
1970	9.4	10.0	12.1	17.7	31.1	37.8	44.5	45.7	34.6	21.7	18.6	7.6	24.2

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951		.0											
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965	22.5	19.3	19.5	37.9	45.9	53.4	63.6	58.1	52.0	43.4	29.9	20.4	39.0
1966	16.5	16.8	30.7	38.0	49.1	55.4	63.7	58.9	53.9	40.8	34.3	18.8	39.7
1967	21.5	20.9	33.3	38.3	44.0	52.0	60.8	59.2	52.7	43.0	31.6	16.9	39.5
1968	19.8	24.1	26.8	31.4	44.0	55.9	61.8	56.3	51.2	42.7	24.4	19.4	38.0
1969	24.3	20.6	22.0	40.7	51.2	52.0	62.3 ^M	62.1	54.4	35.3	26.7	22.8	39.5 [*]
1970	20.5	24.5	24.8	31.1	47.9	54.1	60.8	62.0	50.9	35.2	29.7	21.2	38.6

SEAS N

50-51

51-52

52-53

53-54

54-55

55-56

56-57

57-58

58-59

59-60

Summary Table

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Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

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- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.

CLIMATOLOGY REPORT NO. 77-1

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COLORADO CLIMATOLOGY OFFICE
COLORADO STATE UNIVERSITY
FT. COLLINS, CO. 80523

	TEMPERATURE (F)											PRECIPITATION (INCHES)												
	MEAS			EXTREMES						MEAN NO OF DAYS				SIGN, SLEET				MEAN NO OF DAYS						
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE MONTHLY	RECORD HIGHEST	YEAR	DAY	RECORD LOWEST	YEAR	DAY	MAX		MIN		MEAN	GREATEST DAY	YEAR	DAY	MEAN	MAX. DEPTH ON GROUND	YEAR	DAY	.10 OR MORE	.50 OR MORE	1.00 OR MORE
										90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW											
JAN.	43.2	14.6	29.1	74.	1970	27	-20.	1965	12	0.0	6.6	30.3	4.1	.40	.89	1960	14	4.5	12.	1960	18	1.6	.1	0.0
FEB	47.5	17.9	32.7	79.	1962	12	-27.	1951	1	0.0	3.2	26.8	1.5	.46	.46	1958	28	5.2	10.	1960	29	1.5	0.0	0.0
MAR	52.5	22.1	37.5	87.	1963	29	-22.	1960	3	0.0	2.9	27.8	.9	1.02	1.02	1966	22	9.3	13.	1960	5	3.8	.4	.1
APR	65.4	33.2	46.3	90.	1962	25	5.	1953	12	0.0	.1	13.5	0.0	1.32	1.18	1957	2	3.5	5.	1964	5	3.2	.6	.1
MAY	75.6	44.6	60.2	97.	1970	17	24.	1967	1	2.8	0.0	2.1	0.0	2.87	2.90	1951	15	.4	4.	1954	1	6.1	1.8	.6
JUN.	85.4	53.5	69.4	107.	1954	23	29.	1951	2	11.2	0.0	.1	0.0	2.90	3.11	1962	8	0.0	0.	0	0	5.5	1.6	.7
JUL	91.7	59.7	75.7	108.	1954	11	39.	1952	8	20.7	0.0	0.0	0.0	3.01	2.21	1956	31	0.0	0.	0	0	5.6	2.2	1.1
AUG	90.0	57.7	73.9	104.	1954	3	35.	1964	24	18.7	0.0	0.0	0.0	1.62	1.47	1963	18	0.0	0.	0	0	3.4	1.1	.4
SEP	81.4	47.5	64.5	102.	1959	6	28.	1965	26	6.2	0.0	.8	0.0	1.48	3.02	1951	7	.1	0.	0	0	2.8	1.0	.1
OCT	69.7	36.6	53.2	94.	1963	2	13.	1952	6	.5	.1	9.5	0.0	1.14	1.31	1963	21	2.7	12.	1969	12	2.8	.9	.1
NOV	53.5	23.9	38.7	83.	1964	9	-13.	1955	16	0.0	1.8	26.6	.6	.57	.84	1963	17	4.7	15.	1956	20	1.4	.3	0.0
DEC	45.0	16.8	30.9	74.	1964	24	-17.	1968	31	0.0	4.7	30.1	2.3	.43	.53	1952	13	4.2	8.	1952	13	1.4	0.0	0.0
ANNUAL	66.9	35.8	51.4							60.	20.	168.	9.	17.2				34.				39.	10.	3.

PRECIPITATION WITH PROBABILITY EQUAL OR LESS THAN

PROB. LEVEL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.05	0.00	0.00	0.00	.23	.70	.51	.74	.41	.07	.13	.05	.04	10.93
.10	0.00	0.00	.29	.34	.97	.76	1.07	.56	.15	.21	.09	.07	12.09
.20	.11	.08	.40	.54	1.34	1.19	1.51	.80	.32	.57	.17	.13	13.51
.30	.17	.15	.43	.72	1.77	1.56	1.89	1.01	.51	.53	.25	.19	14.79
.40	.23	.24	.77	.90	2.14	1.99	2.27	1.21	.74	.70	.33	.26	15.44
.50	.31	.33	.92	1.10	2.53	2.43	2.67	1.43	1.01	.89	.43	.33	16.87
.60	.39	.43	1.08	1.33	2.96	2.93	3.11	1.67	1.34	1.11	.55	.42	17.95
.70	.50	.57	1.27	1.51	3.48	3.54	3.63	1.96	1.77	1.39	.69	.52	19.15
.80	.64	.75	1.52	1.98	4.16	4.35	4.32	2.34	2.38	1.76	.89	.67	20.62
.90	.88	1.06	1.90	2.57	5.23	5.66	5.37	2.83	3.43	2.39	1.27	.92	22.77
.95	1.11	1.36	2.27	3.14	6.24	6.91	6.40	3.49	4.47	2.99	1.45	1.16	24.66
ALPHA	1.39	1.23	2.87	1.96	2.68	1.98	2.86	2.76	.97	1.45	1.30	1.35	16.77
BETA	.30	.41	.38	.67	1.07	1.47	1.05	.59	1.52	.78	.44	.32	1.83
G	.05	.10	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MIXED GAMMA DISTRIBUTION FITTED TO DATA.
ALPHA = SHAPE PARAMETER BETA = SCALE PARAMETER
OF NO. OF MONTHS HAVING ZERO PRECIPITATION/TOTAL NO. OF MONTHS
MEDIAN PRECIPITATION AMOUNTS ARE INDICATED AT THE .50 PROBABILITY LEVEL

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TOTAL PRECIPITATION (INCHES)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	.16	.59	T	2.14	4.74	2.88	1.65	.89	5.49	2.15	.33	.47	21.49
1952	.21	.87	1.48	1.74	3.19	.18	1.15	.63	.35	.16	1.28	.72	12.47
1953	.16	.77	.28	3.33	.52	1.73	.91	2.32	.11	1.01	1.32	.52	12.95
1954	.29	T	1.04	.26	2.30	1.11	2.79	2.24	.50	1.54	.23	.31	12.61
1955	.21	.52	.31	.66	2.23	2.58	1.45	1.65	.83	.27	.12	.03	10.93
1956	.61	.25	.89	.90	1.22	.46	5.76	2.96	.10	.37	2.29	.23	16.00
1957	.15	.01	.97	2.83	5.66	2.31	2.95	.73	.38	1.35	.25	.44	17.93
1958	.17	.85	1.95	2.76	5.13	4.58	6.07	.57	1.22	.95	.51	.92	25.39
1959	.90	.39	1.61	.69	3.15	.97	.71	2.89	1.61	1.97	.05	.12	15.07
1960	1.31	1.90	1.23	.87	4.51	3.63	3.46	.40	1.29	2.07	.82	.79	22.28
1961	.04	.21	2.11	1.03	2.24	1.28	5.66	.74	2.52	.22	.24	.42	16.71
1962	.53	.39	.77	.41	2.78	7.70	3.53	.70	1.45	.67	.66	.29	19.93
1963	.81	.14	1.84	.44	1.42	2.94	2.89	2.72	5.52	1.33	.99	.22	21.26
1964	T	.57	1.37	2.60	2.09	3.55	.99	.89	.34	.26	.13	.31	12.80
1965	.61	.87	.49	.18	3.16	5.91	2.94	2.56	2.55	1.20	.07	.73	21.32
1966	.78	.24	1.31	1.86	.24	3.97	3.87	2.08	2.43	.67	.26	.34	18.05
1967	.53	T	.30	.89	3.52	4.03	5.64	.62	1.23	.57E	.43E	1.30E	19.11*
1968	.05	.32E	.46	.81	2.29	1.65	2.42	2.75	.43	.25	.24	.32	11.97*
1969	.37	.19	.53	.89	3.80	3.45	3.80	2.75	.21	4.97	.46	.16	21.53
1970	.07	.05	1.63	1.04	3.04	3.12	1.55	1.32	.77	.83	.56	.14	13.92

TOTAL SNOWFALL (INCHES)

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
50-51								6.0	T	T	T	.0	
51-52	.0	.0	.0	.2	2.0	6.0		3.0	9.0	1.5	T	.0	
52-53	.0	.0	.0	T	8.6	8.0	2.0	9.0	1.0	13.5	T	T	41.1
53-54	.0	.0	.0	.0	9.5	7.0	3.0	.0	8.5	T	7.0	.0	35.0
54-55	.0	T	.0	T	2.5	4.5	3.0	6.5	2.5	T	.0	.0	19.0
55-56	.0	.0	.0	3.0	4.0	1.0	7.0	2.1	7.5	1.0	.0	.0	25.6
56-57	.0	.0	.0		26.0	4.0	1.5	T	9.0	18.0	.5	.0	
57-58	.0	.0	.0	1.0	1.0	2.0	1.5	7.5	17.0	9.0	.0	.0	39.0
58-59	.0	.0	.0	3.0	7.0	8.0	15.5	3.0	12.5	6.5	.0	.0	55.5
59-60	.0	.0	1.0	6.5	T	1.0	15.0	27.5	21.5	T	.0	.0	72.5
60-61	.0	.0	.0	.0	3.0		1.5	T	9.5	6.0	T	.0	
61-62	.0	.0	.0	.0		6.0				.0	.0	.0	
62-63	.0	.0	.0	.0		2.5				.0	.0	.0	
63-64	.0	.0	.0	.0			T			.0	.0	.0	
64-65	.0	.0	.0	.0						.0	.0	.0	
65-66	.0	.0	.0	.0	.0						.0	.0	
66-67	.0	.0	.0	.0				.0		.0	.0	.0	
67-68	.0	.0	.0						3.5	3.0	.5	.0	
68-69	.0	.0	.0	.0	T	6.6	3.1	2.7	5.9	T	.0	.0	11.3
69-70	.0	.0	.0	29.4	1.3	1.4	.7	.6	22.1	3.8	.0	.0	54.3

MAXIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	42.7	46.0	53.7	62.5	74.6	76.3	86.1	87.5	77.6	65.2	52.0	37.7	63.7
1952	44.6	49.1	46.3	65.5	72.5	92.5	92.5	91.9	85.2	71.4	46.9	36.2	66.1
1953	49.3	46.2	60.7	59.2	71.1	90.2	92.5	87.9	84.9	72.7	53.6	39.9	67.3
1954	42.3	60.0	49.4	73.4	70.7	64.5	95.2	91.4	84.5	69.9	57.2	46.3	68.9
1955	35.0	39.4	54.2	70.1	76.5	80.0	95.8	92.8	83.0	72.1	49.0	44.2	66.0
1956	44.0	40.8	57.8	64.2	79.2	93.1M	89.7	95.6	85.8	74.2	44.7	43.8	67.0*
1957	34.1	53.1	49.2	56.4	68.9	82.6	91.6	90.9	81.1	62.3	48.9	51.3	64.2
1958	47.9	47.8	40.2	57.5	78.2	94.5	96.2	90.9	81.8	65.8	53.9	43.1	65.2
1959	40.4	40.4	52.2	64.7	72.7	90.2	92.6	92.6	79.3	64.3M	51.5	49.1	65.9*
1960	36.0	32.6	45.0	65.3	71.5	80.3	87.7	88.8	80.8M	71.1	58.6	46.1M	63.7*
1961	45.9	53.5	54.3	62.2	74.2M	85.1	91.7	93.0	76.9	72.5M	51.2M	41.4	66.8*
1962	37.5	51.9	53.8M	69.0	82.5	84.3	90.6	93.2	80.6	74.2	59.3	50.0	68.9*
1963	36.5M	54.4	57.2	73.1	81.3	91.7	95.5	93.8	84.5	80.0	59.7	44.1	70.8*
1964	52.2	47.9	51.5	64.8	79.9	86.9	97.5	92.8	85.8	75.8	55.6	52.2M	70.1*
1965	53.4	48.7	46.5	74.1M	79.5	83.7	91.9	93.1	72.5	76.8M	63.8	51.5	69.3*
1966	42.4	43.8	62.5	55.1	80.1	83.3	93.4	85.6	77.0M	65.5	50.3	46.2	66.3*
1967	50.4	53.0	62.3M	66.5M	80.2	80.6M	88.6	88.4	82.8M	74.5M			
1968	44.4M		59.8	63.2	68.3	84.5	93.5M	86.5	81.0	71.7	50.5	39.5	
1969	43.3	45.4M	46.6	63.4	76.1	78.6	90.5	93.8	82.6	52.3	52.9	42.8M	64.1*
1970	43.3	53.9	46.1	61.4	78.8M	84.0	91.1	93.3	80.1	62.7	52.0	47.6	66.2*

MINIMUM TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	9.4	15.4	19.5	29.3	43.7	47.7	58.2	57.0	45.7	34.4	20.7	12.5	32.8
1952	15.8	17.9	20.5	33.3	42.8	56.3M	56.7	58.9	47.4	31.1	18.9	14.6	34.5*
1953	22.5	17.5M	25.3	29.5	40.4	54.6	61.3	59.0	47.8	30.8	25.5	15.8	36.1*
1954	16.6	26.1	19.8	34.9	42.8	52.8	62.3	56.7	49.8	34.4	25.2	17.3	36.5
1955	11.2	11.6	18.3	32.0	44.3	50.4	61.7	59.7	48.3	35.6	18.4	16.2	34.0
1956	15.4	11.4	22.1	29.0	46.3	59.5M	59.0	55.9	46.1	30.8	22.5	20.1	35.2*
1957	8.4	21.6	22.1	31.6	42.1	51.5	59.7	59.4M	42.3M	34.6	23.8	21.7	35.3*
1958	15.6	20.4	19.2	32.7	49.1	54.4	58.2	57.9	51.2	36.2M	24.2	20.1	36.6*
1959	13.9	18.1	24.3	31.4	44.8	57.2	56.4	59.7	46.1	33.7M	17.7	11.5	34.6*
1960		5.4	17.8	34.7	41.8	52.5	56.7	55.5	46.1M	34.3	24.9	17.6M	
1961	16.5	22.0	27.8	31.7			61.6	61.7	46.0	36.0M	20.9M	14.7	
1962	10.3	19.0	22.3M	36.4	47.3	53.1	58.3	57.8	43.0	34.4	26.4	20.5	36.9*
1963	4.9M	25.2	28.3	39.0	47.5	56.3	61.9	59.2	53.6	43.6	26.6	12.6	39.3*
1964	19.1	17.5	21.6	35.9	45.0	51.1	61.2	53.3	47.9	34.0M	25.1	19.2M	36.0*
1965	22.3	16.9	15.3	36.1M	45.9	53.1	58.8	54.6	41.2	33.4	26.0	19.4	36.0*
1966	7.4	12.9	27.0	32.4	44.1	53.7	63.4	55.5	49.2	35.0	25.7	14.5	35.1
1967	20.2	19.0	24.3M	34.5M		52.0M	54.5	54.7	45.3M	34.2M			
1968	16.9M		26.2	33.6	41.1	55.5	52.7M	59.7	47.1	32.7	24.8	12.5	
1969	15.5	21.1	18.9	37.9	47.9	50.5	61.4	61.0	52.9	33.6	26.0	21.2M	37.4*
1970	15.2	20.5	21.5	31.4	46.2M	54.9	60.6	61.4	46.3	34.4	26.1	17.6	36.3*

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AVERAGE TEMPERATURE (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	26.1	30.7	36.6	45.9	59.2	62.0	73.2	72.3	61.7	49.8	36.4	25.1	44.3
1952	30.2	33.0	33.4	43.4	57.7	74.3M	74.6	75.4	66.3	51.3	32.9	25.4	50.3*
1953	35.4	31.9M	43.0	43.9	55.8	72.3	76.8	73.0	66.4	54.8	39.6	27.9	51.7*
1954	29.5	43.1	34.6	54.2	56.8	71.2	73.3	74.1	67.2	50.1	41.2	31.9	52.8
1955	23.1	25.5	36.3	51.1	60.4	65.2	73.8	75.3	65.7	53.9	33.7	30.2	50.0
1956	29.7	26.1	40.0	46.1	62.8	75.9M	74.4	71.3	66.0	55.5	33.6	32.0	51.1*
1957	21.3	37.4	35.7	44.0	55.5	67.1	75.7	74.7M	62.1M	51.0	36.4	36.8	45.8*
1958	31.7	34.1	29.7	45.3	63.7	69.5	72.2	74.4	66.5	53.0M	39.1	31.6	50.9*
1959	27.2	29.3	38.3	43.1	58.8	73.7	74.5	76.3	62.7	49.3M	34.6	33.3	50.2*
1960		13.0	31.4	50.0	56.7	66.4	72.2	72.2	63.5M	55.2	41.8	31.8M	
1961	31.2	37.8	41.1	47.0			76.7	75.9	61.5	54.3M	36.1M	28.1	
1962	23.9	35.5	38.1M	53.1	64.9	68.5	74.5	75.5	65.1	56.8	43.9	35.3	52.9*
1963	20.7M	39.8	43.1	56.1	64.4	74.0	73.2	75.0	69.1	61.8	43.2	28.4	54.6*
1964	35.7	30.9	35.6	50.4	62.5	69.0	73.4	72.1	66.8	55.9M	42.4	35.2M	53.1*
1965	37.9	32.8	30.9	56.1M	62.7	68.4	75.3	71.9	56.3	57.6M	45.9	35.5	52.7*
1966	24.9	28.4	44.8	48.8	62.1	68.5	78.4	70.7	63.1M	53.3	38.0	30.4	50.7*
1967	35.3	36.0	43.3M	50.7M		66.3M	73.6	71.6	64.1M	56.4M			
1968	30.7M		43.0	46.9	54.7	72.1	73.6M	71.6	64.1	55.2	37.7	26.3	
1969	29.4	33.3M	32.8	53.2	62.0	64.7	76.0	75.4	67.8	43.3	39.5	32.3M	50.8*
1970	29.3	37.2	33.8	45.4	62.5M	69.5	75.3	77.4	63.2	45.6	39.1	32.6	51.3*

Summary Table

Monthly summary is for the period 1951-1970, however consult the particular parameter table for precise number of months in summary because of missing data.

Mean number of precipitation days with .10 inches or more is summarized for the period 1953-1970.

Symbols and Letters Indicate the Following

- E Amount is partially estimated.
- D Water equivalent of snowfall wholly or partly estimated.
- M Less than 10 days of record missing if average entered, otherwise 10 or more days missing.
- * One or more of the above codes encountered in computing the annual mean or total.
- T Trace, an amount too small to measure.
- + Multiple occurrence.