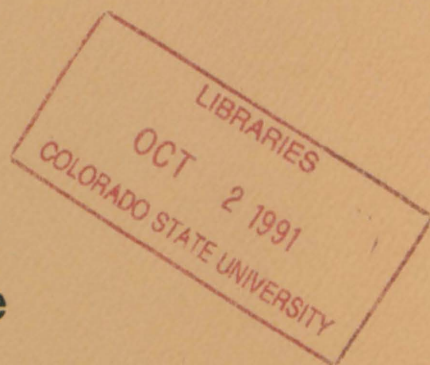


QC  
984  
C6  
49a  
91-2  
IVE

# A SNAPSHOT OF COLORADO'S CLIMATE DURING THE 20TH CENTURY

John Kleist  
Nolan J. Doesken  
Thomas B. McKee



CLIMATOLOGY REPORT 91-2

DEPARTMENT OF ATMOSPHERIC SCIENCE  
COLORADO STATE UNIVERSITY  
FORT COLLINS, COLORADO



**A Snapshot of Colorado's Climate  
During the 20th Century**

by

John Kleist  
Nolan J. Doesken  
and  
Thomas B. McKee

Colorado Climate Center  
Department of Atmospheric Science  
Colorado State University  
Fort Collins, Colorado 80523

June 1991

**Climatology Report 91-2**

Prepared in conjunction with the  
Centennial Cooperative Weather Station Program  
held  
June 7-8, 1991  
Colorado State University

DC  
184  
C6  
49a  
91-2  
ARCHIVE

## **A Snapshot of Colorado's Climate During the 20th Century**

For the past century, cooperative weather observers have been diligently recording temperature and precipitation each and every day from farms, ranches, towns and cities throughout Colorado and across the United States. The true value of this effort is only realized when those many daily observations are assembled, analyzed and utilized.

This report is a summary description of Colorado climate derived from a small set of Colorado's long-term weather stations. Special graphical displays have been developed to depict the interesting aspects of daily averages, variations and extremes for both temperature and precipitation. Standard tables of temperature, precipitation, heating and cooling degree days, growing season statistics and snowfall are also included. The seven locations analyzed in this report are identified in Table 1 and shown on the map in Figure 1. Stations from all parts of Colorado are included in an attempt to represent the climate near the mountains, on the Western Slope of Colorado, along the Front Range just east of the mountains and also across the Eastern Plains. There are areas in the State that are both wetter and drier, hotter and colder than the sites shown here. However, these seven sites capture many of the significant features of Colorado climate.

Table 1. Selected Long-term Colorado Weather Stations

Station Name	Latitude		Longitude		Elevation feet	Years of Data Used	
	deg	min	deg	min		Daily	Monthly
Akron Airport	40	10	103	13	4660	53	53
Cheyenne Wells	38	49	102	21	4250	72	59
Durango	37	17	107	53	6600	90	96
Fort Collins	40	35	105	05	5000	90	59
Gunnison	38	32	106	56	7660	89	91
Rocky Ford 2ESE	38	02	103	42	4170	72	59
Steamboat Springs	40	29	106	50	6760	81	59

There are five pages of information for each station. The first page is a graph that shows daily averages, extremes and typical ranges of variation for both daily maximum and minimum temperatures. The second page contains a set of three graphs depicting different characteristics of precipitation. The top graph shows daily probabilities for receiving at least 0.01, 0.05, 0.10, 0.20, and 0.50 inches in 24 hours. The middle graph shows both the average daily precipitation (expanded scale) and the maximum precipitation that has been observed on each day. The bottom graph shows how precipitation has varied from year to year over the past decades. The graph also shows how much each season contributed to precipitation each year. If any monthly data were missing in a given year, no annual value was plotted.

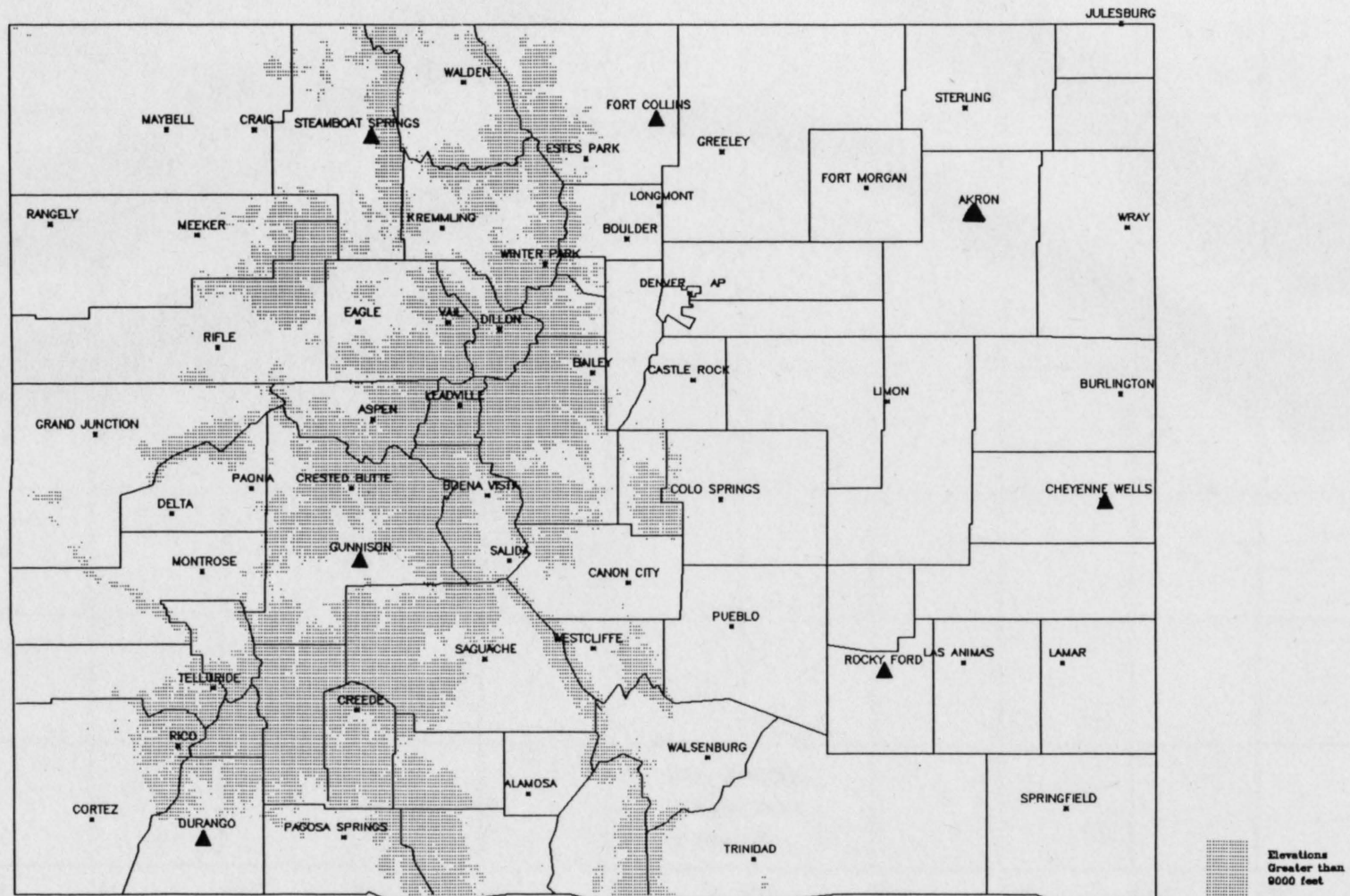
Tabular data then follow. The third page contains great detail on heating degree days, cooling degree days, growing degree days and growing season lengths. Page 4

shows summarized monthly temperature information. Finally, the 5th page in each set summarizes monthly precipitation and snowfall.

Following the sets of graphs and tables for these 7 long-term Colorado weather stations, a complete list of current official weather stations is listed. Similar graphs and tables can be generated for most of the stations on this list. Many of those stations, however, have much shorter data records.

Figure 1. Locations of weather stations summaries in this report (identified with triangles).

# Colorado



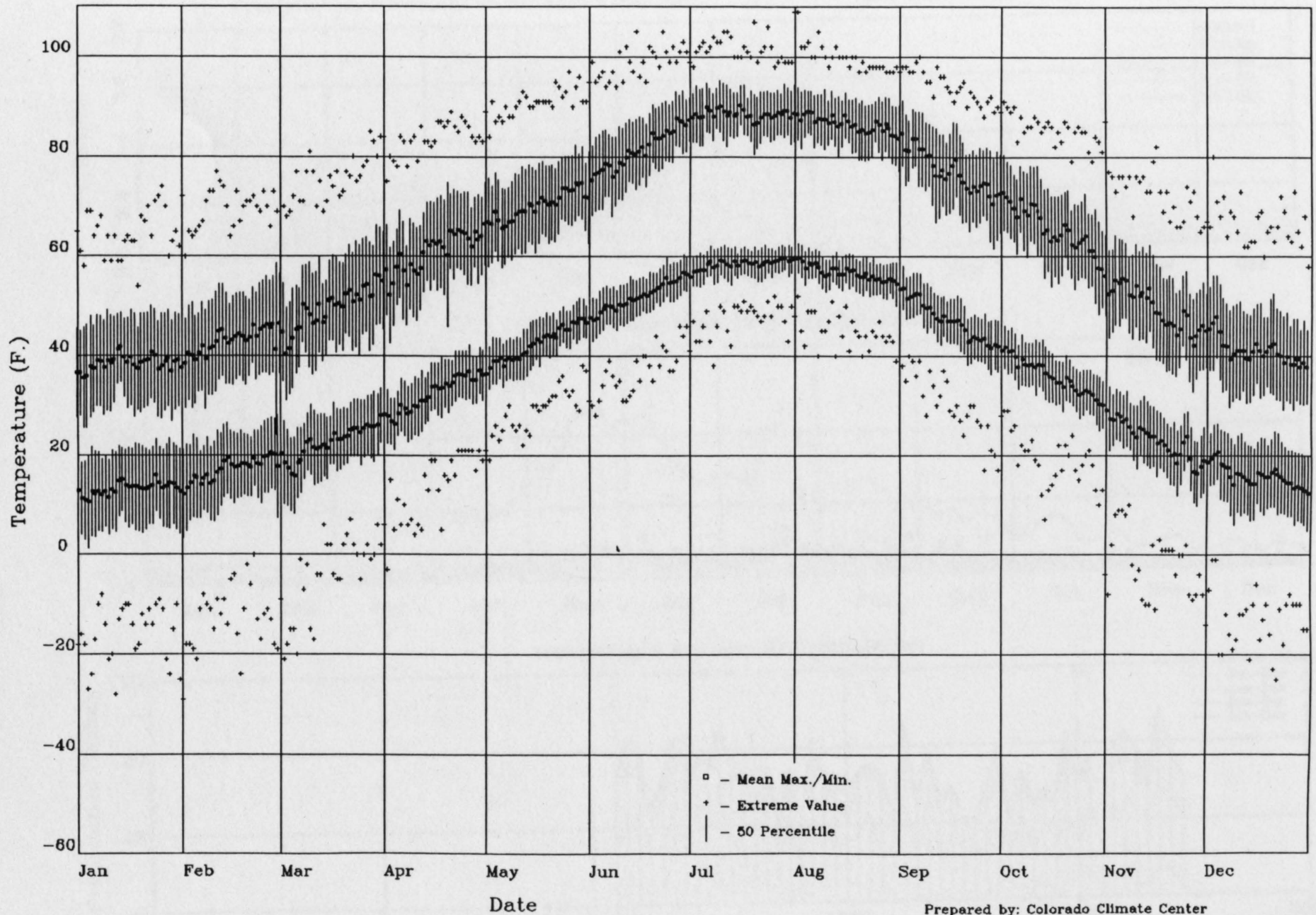
# AKRON FAA AP

Record: 53 years ending in 1989

Lat 40 10

Long 103 13

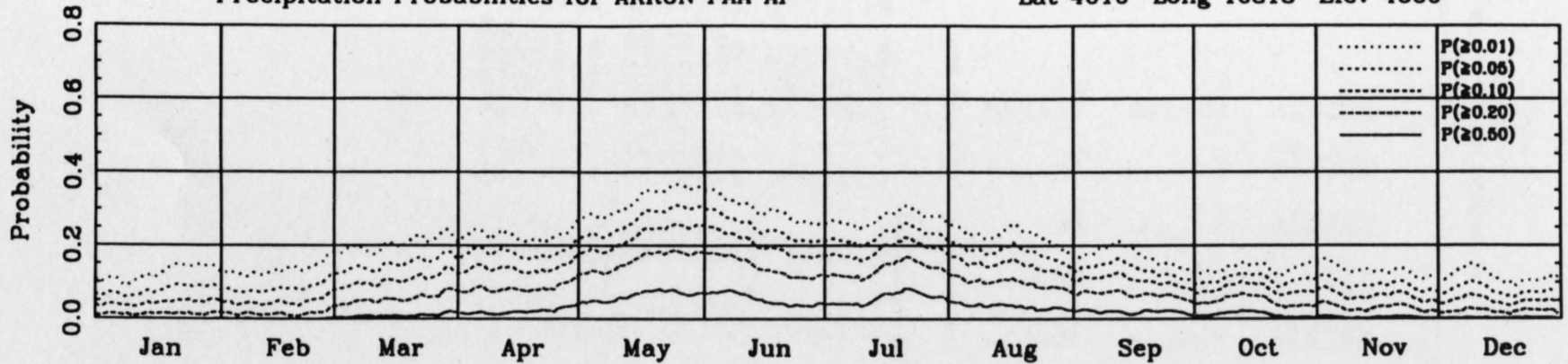
Elev 4660



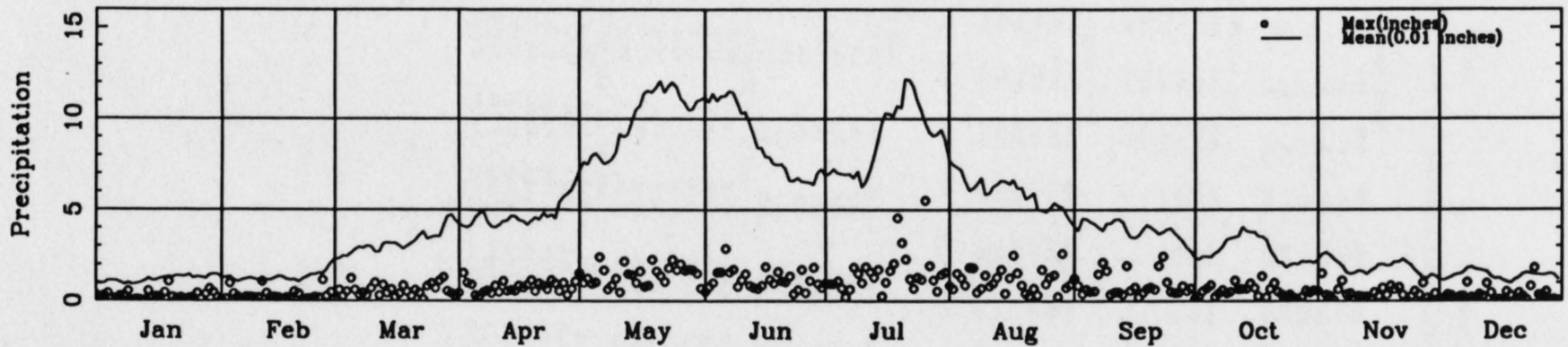
Prepared by: Colorado Climate Center

Precipitation Probabilities for AKRON FAA AP

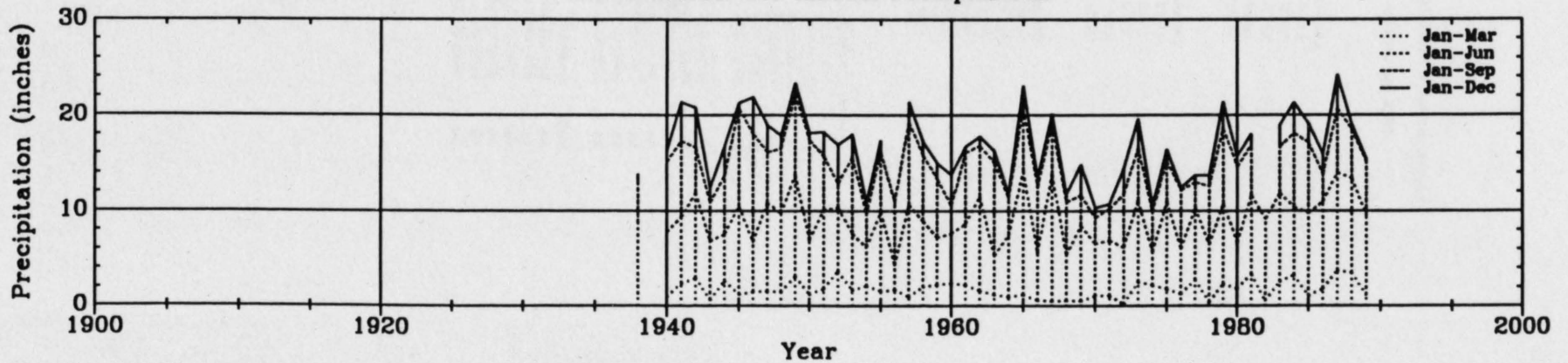
Lat 4010 Long 10313 Elev 4660



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation





Latitude: 40 10 Longitude: 103 13 Elevation: 4660

Period of Record: 53 years ending in 1989

Heating Degree Days

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
50	736	559	440	174	36	3	0	0	16	99	407	659	3129
55	891	699	585	279	85	9	0	1	36	180	549	813	4127
57	953	755	645	328	113	15	0	1	49	221	608	875	4564
60	1046	840	737	407	165	29	1	3	76	293	697	968	5262
65	1201	981	892	549	280	71	5	14	142	430	847	1123	6535

Cooling Degree Days

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
55	0	0	4	31	133	361	580	526	264	61	1	0	1963
57	0	0	2	20	99	307	519	465	217	41	0	0	1671
60	0	0	1	9	58	231	427	374	154	20	0	0	1274
65	0	0	0	1	18	124	276	230	70	3	0	0	723
70	0	0	0	0	3	50	140	107	21	0	0	0	322

Growing Degree Days

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
40	12	30	87	250	517	800	1044	990	680	366	83	21	4880
45	2	9	39	149	371	652	889	835	534	239	33	5	3758
50	0	2	14	76	239	504	735	681	394	135	9	1	2790
55	0	0	4	31	133	361	580	526	264	61	1	0	1963
60	0	0	1	9	58	231	427	374	154	20	0	0	1274

Corn GDD 20 36 88 188 320 490 660 624 426 259 83 30 3224

Growing Season

Probability length will be less than

Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Longest	Yrs.
36	88/1945	104	111	117	122	126	131	136	141	149	162/1977	48
32	110/1954	123	130	135	139	142	146	150	155	161	170/1987	48
28	120/1954	144	152	158	162	167	171	176	182	190	200/1981	47
24	131/1983	166	174	180	184	189	194	198	204	212	228/1965	47
20	174/1985	183	191	197	202	207	212	217	223	232	249/1981	47
16	178/1966	204	211	217	221	225	229	233	238	245	262/1981	46

Probability last spring frost will be before

Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	4/22/1977	5/ 2	5/ 8	5/12	5/16	5/20	5/23	5/27	5/31	6/ 6	6/20/1946	48
32	4/21/1977	4/29	5/ 3	5/ 7	5/10	5/12	5/15	5/18	5/21	5/26	6/13/1947	48
28	4/ 4/1977	4/14	4/19	4/23	4/26	4/29	5/ 1	5/ 4	5/ 8	5/13	6/ 3/1954	47
24	3/17/1960	3/31	4/ 5	4/ 9	4/13	4/16	4/19	4/22	4/26	5/ 2	5/12/1983	47
20	3/16/1978	3/24	3/29	4/ 1	4/ 4	4/ 7	4/10	4/13	4/16	4/21	5/ 2/1954	47
16	3/ 8/1946	3/12	3/18	3/22	3/25	3/28	4/ 1	4/ 4	4/ 8	4/14	4/22/1951	46

Probability first autumn frost will be before

Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	9/ 3/1973	9/10	9/14	9/18	9/20	9/23	9/26	9/29	10/ 2	10/ 7	10/27/1963	48
32	9/12/1989	9/18	9/23	9/26	9/29	10/ 2	10/ 4	10/ 7	10/10	10/15	10/28/1963	48
28	9/17/1965	9/27	10/ 2	10/ 6	10/ 9	10/12	10/16	10/19	10/23	10/28	11/ 3/1937	47
24	9/20/1983	10/ 7	10/12	10/16	10/19	10/22	10/25	10/28	10/31	11/ 5	11/10/1978	47
20	9/26/1942	10/13	10/19	10/24	10/28	10/31	11/ 4	11/ 7	11/12	11/18	11/26/1965	47
16	10/13/1969	10/25	10/30	11/ 3	11/ 5	11/ 8	11/11	11/14	11/17	11/22	12/ 3/1949	46

SUMMARY OF MONTHLY CLIMATIC DATA FOR AKRON FAA AP

COLORADO

FOR YEARS 1937-1989

SUBSTATION NO. 50114 DIVISION 3

LATITUDE - 40 10 LONGITUDE - 103 13 ELEVATION - 4660 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	38.5	43.0	49.4	60.7	70.2	81.1	88.5	86.8	77.4	65.9	49.8	41.1	62.7
	MAX.	47.4	57.1	59.1	70.2	77.6	90.3	94.7	96.8	83.7	74.5	61.4	51.3	66.7
	YEAR	1986	1954	1986	1946	1939	1956	1939	1938	1948	1950	1949	1957	1954
	MIN.	24.7	29.6	37.4	50.5	63.8	71.9	82.8	80.8	65.1	48.7	34.7	23.0	59.3
	YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	52.	53.	53.	53.	53.	51.
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	13.2	17.1	22.6	32.4	42.5	52.0	58.5	56.8	47.3	36.0	23.1	15.9	34.8
	MAX.	24.2	24.6	32.3	39.1	47.2	56.8	62.3	63.0	52.9	44.0	29.9	23.4	37.8
	YEAR	1986	1983	1986	1981	1987	1988	1966	1983	1963	1963	1981	1980	1986+
	MIN.	2.0	4.0	12.9	26.0	37.3	46.4	54.3	52.7	42.1	30.3	16.4	5.2	31.5
	YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	52.	53.	53.	53.	53.	51.
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	25.9	30.1	36.0	46.5	56.4	66.6	73.5	71.8	62.4	51.0	36.5	28.5	48.8
	MAX.	35.8	40.6	45.7	53.6	61.4	73.1	77.3	77.6	67.1	59.0	44.9	36.9	51.2
	YEAR	1986	1954	1986	1946	1963	1956	1939	1937	1948	1963	1949	1980	1963
	MIN.	13.4	18.3	26.3	39.9	51.0	59.3	69.2	67.8	53.6	39.5	26.6	14.1	45.9
	YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	52.	53.	53.	53.	53.	51.
DEGREE DAYS (BASE 65F)	AVE.	1198.9	972.1	889.3	556.1	275.6	66.2	6.3	14.6	146.9	439.8	848.4	1133.3	6545.2
	MAX.	1545	1326	1194	745	419	188	50	58	356	783	1145	1571	7335
	YEAR	1979	1960	1965	1983	1967	1951	1972	1987	1965	1969	1972	1983	1951
	MIN.	898	675	591	357	145	0	0	0	43	207	652	866	5637
	YEARS OF RECORD	39.	39.	39.	39.	39.	39.	39.	38.	39.	39.	39.	39.	38.
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.	0.	0.8	6.9	15.0	12.2	3.6	0.0	0.	0.	39.0
	MAX.	0	0	0	0	5	17	26	22	11	1	0	0	65
	YEAR	1948	1948	1948	1948	1964	1956	1964+	1983	1955	1967+	1948	1948	1952
	MIN.	0	0	0	0	0	0	4	4	0	0	0	0	14
	YEARS OF RECORD	41.	41.	41.	41.	41.	42.	42.	41.	42.	41.	41.	41.	40.
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	9.9	6.3	4.2	0.7	0.0	0.	0.	0.	0.0	0.3	3.7	7.5	33.0
	MAX.	23	15	11	5	1	0	0	0	1	2	14	18	53
	YEAR	1949	1978	1969+	1983+	1954	1948	1948	1948	1985	1972+	1985+	1983	1978
	MIN.	1	0	0	0	0	0	0	0	0	0	0	0	14
	YEARS OF RECORD	42.	42.	42.	41.	41.	41.	41.	40.	41.	41.	42.	42.	40.
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	30.4	26.7	27.2	15.1	2.6	0.1	0.	0.	1.1	10.2	25.1	30.0	168.2
	MAX.	31	29	31	23	9	2	0	0	6	20	30	31	193
	YEAR	1989+	1988+	1973+	1970+	1967	1954+	1948	1948	1985+	1976	1979+	1988+	1951
	MIN.	27	21	17	5	0	0	0	0	0	2	18	24	138
	YEARS OF RECORD	42.	42.	42.	42.	42.	41.	41.	40.	41.	42.	42.	42.	40.
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	5.6	2.5	1.0	0.0	0.	0.	0.	0.	0.	0.	0.6	3.0	12.4
	MAX.	16	9	7	1	0	0	0	0	0	0	6	12	23
	YEAR	1949	1989	1948	1975	1948	1948	1948	1948	1948	1948	1952	1983	1989+
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	4
	YEARS OF RECORD	42.	42.	42.	41.	41.	41.	41.	40.	41.	41.	42.	42.	40.
HIGHEST TEMPERATURE (F)	TEMP	74	77	85	89	97	105	107	109	100	91	87	80	
	YEAR AND DAY	198226	196211	196328	198921	194226	195423+193920	193801	194007	195402	193801	194103		
	YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	53.	53.	53.	53.	53.	
LOWEST TEMPERATURE (F)	TEMP	-28	-29	-21	-3	19	28	38	39	17	7	-11	-25	
	YEAR AND DAY	196312	195101	194302	197502	195402	195403	195208	194431	198530+196914	195516	198922		
	YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	53.	53.	53.	53.	53.	

LATITUDE - 40 10 LONGITUDE - 103 13 ELEVATION - 4660 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	0.39	0.36	0.98	1.37	3.18	2.64	2.82	1.87	1.22	0.86	0.58	0.43	16.77
	MAX.	1.68	1.72	3.13	3.94	7.36	7.18	6.86	5.25	5.15	3.30	3.20	2.78	24.20
	YEAR	1988	1987	1981	1983	1987	1965	1946	1978	1950	1942	1956	1982	1987
	MIN.	0.	0.	0.07	0.10	0.32	0.19	0.34	0.11	0.	0.06	0.	0.	9.97
	YEAR	1964	1972+	1978	1937	1974	1944	1952	1973+	1978	1937	1939	1980+	1939
YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	53.	52.	53.	53.	53.	53.	51.
GREATEST DAILY PRECIP (IN)	AMOUNT	1.05	1.16	1.31	1.55	2.40	1.86	5.50	2.59	2.10	1.37	1.52	1.80	
	YEAR AND DAY	198819	198726	198128	196402	197306	196316	195726	197829	196308	196518	195602	198225	
	YEARS OF RECORD	42.	42.	42.	42.	41.	42.	41.	42.	42.	42.	42.	42.	
MONTHLY SNOWFALL (IN)	AVE.	5.8	4.8	9.8	4.3	0.9	0.0	0.	0.	0.6	2.6	6.2	6.0	41.2
	MAX.	22.1	14.5	23.5	22.9	7.5	0.1	0.	0.	9.0	26.0	35.6	29.5	77.0
	YEAR	1988	1960	1981	1984	1979	1950	1937	1937	1959	1969	1946	1982	1984
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.1
	YEAR	1968+	1979+	1938	1985+	1989+	1989+	1989+	1989+	1988+	1988+	1968+	1976+	1938
YEARS OF RECORD	52.	52.	53.	53.	53.	53.	53.	53.	53.	53.	53.	53.	52.	
GRST DEPTH SNOW ON GRND IN MON (IN)		110	9	12	13	10	0	0	0	40	12	21	28	
	YEAR AND DAY	198819	0	198029+	0	195005	0	0	0	198428	196913	198330	0	
	YEARS OF RECORD	41.	35.	41.	32.	36.	41.	41.	41.	37.	36.	40.	40.	
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.	AVE.	1.9	1.5	3.2	4.2	7.0	6.4	6.4	4.8	3.1	2.3	2.1	1.4	44.2
	MAX.	10	9	11	11	15	18	16	14	11	8	8	7	113
	YEAR	1949	1952	1952+	1953+	1952	1951	1951	1952	1951	1969	1952+	1951	1951
	MIN.	0	0	0	0	0	2	1	0	0	0	0	0	25
	YEAR	1983+	1985+	1989+	1956	1974	1981	1986	1973+	1983+	1988+	1989+	1983+	1974
YEARS OF RECORD	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.	AVE.	0.1	0.1	0.4	0.7	2.3	1.8	1.8	1.0	0.5	0.5	0.2	0.1	9.6
	MAX.	2	1	3	3	8	6	4	6	2	2	2	2	30
	YEAR	1949	1987+	1981+	1986+	1987	1949	1953+	1949	1976+	1984+	1979	1982	1949
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	3
	YEAR	1989+	1989+	1989+	1989+	1989+	1985+	1986+	1988+	1989+	1989+	1989+	1989+	1974
YEARS OF RECORD	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.	AVE.	0.0	0.0	0.1	0.1	0.8	0.6	0.7	0.4	0.1	0.1	0.0	0.0	3.0
	MAX.	1	1	1	2	4	3	2	2	2	1	1	1	8
	YEAR	1988	1987+	1983+	1983	1988	1989+	1985+	1984+	1950	1973+	1956	1987+	1965
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1988+	1987+	1989+	1989+	1989+	1989+	1989+	1971
YEARS OF RECORD	41.	41.	41.	41.	41.	42.	41.	41.	42.	41.	41.	41.	41.	
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.1	0.3	1.2	1.0	0.7	0.3	0.0	0.1	0.	0.	3.7
	MAX.	0	0	1	2	5	3	3	2	1	1	0	0	11
	YEAR	1956	1956	1974+	1977	1962	1969+	1958	1978	1959	1980+	1956	1956	1962
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1981+	1978+	1981+	1981+	1981+	1981+	1981+	1981+	1956
YEARS OF RECORD	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND (GTR OR EQ 1 INCH ON GROUND)	AVE.	15.7	10.4	8.1	2.9	0.3	0.	0.	0.	0.1	1.4	5.7	11.3	57.3
	MAX.	31	29	19	11	2	0	0	0	2	12	30	31	110
	YEAR	1984+	1984	1977	1984	1979+	1963	1963	1963	1985	1969	1972	1983+	1973
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	24
	YEAR	1964	1977+	1986	1985+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1980+	1970
YEARS OF RECORD	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	26.	27.	26.	25.

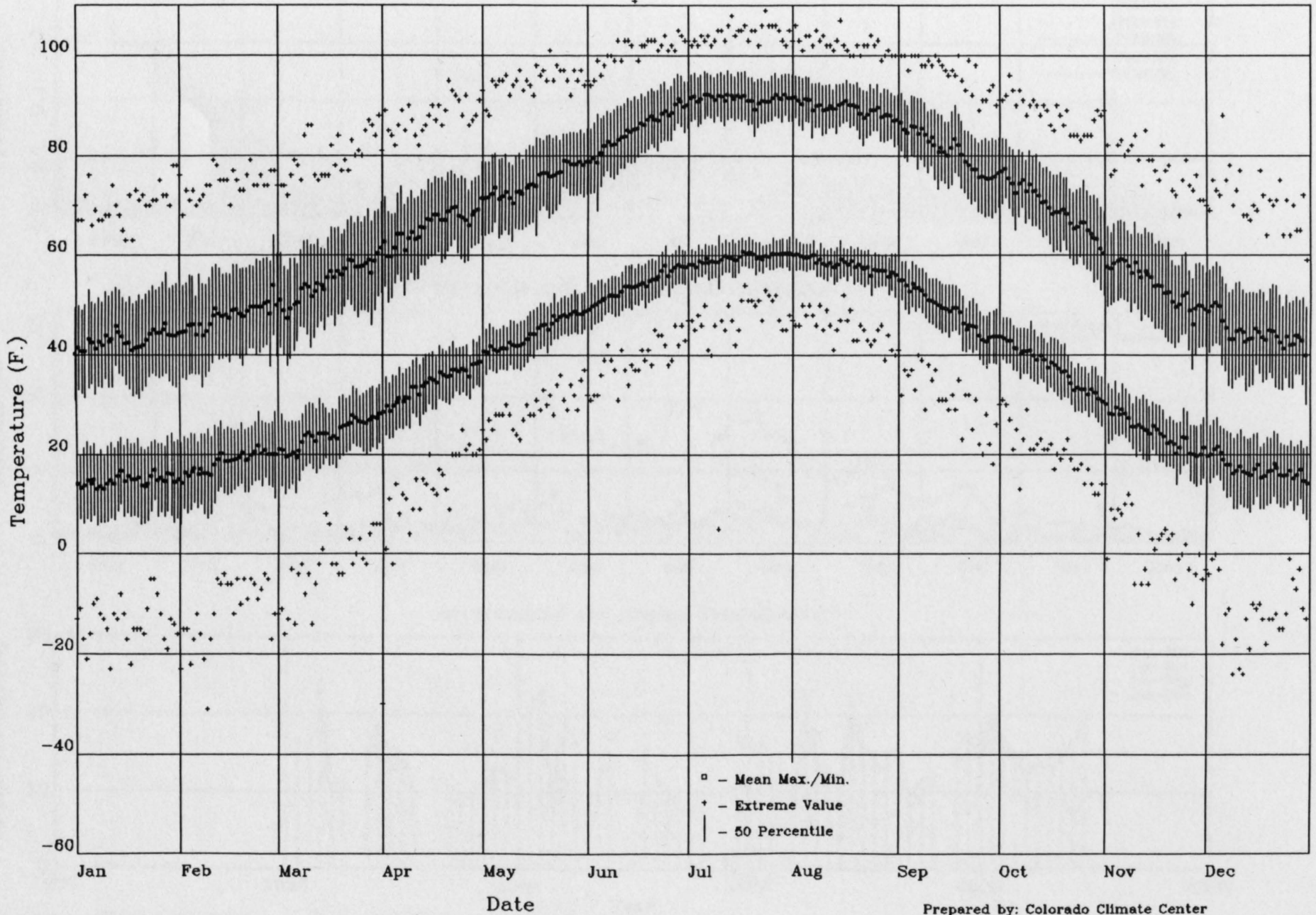
# CHEYENNE WELLS

Record: 72 years ending in 1989

Lat 38 49

Long 102 21

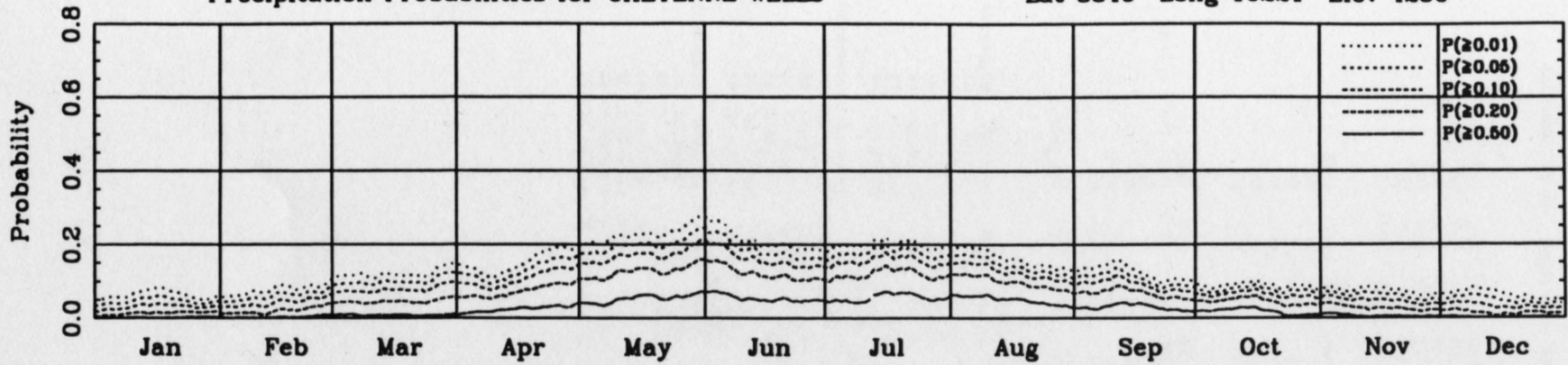
Elev 4250



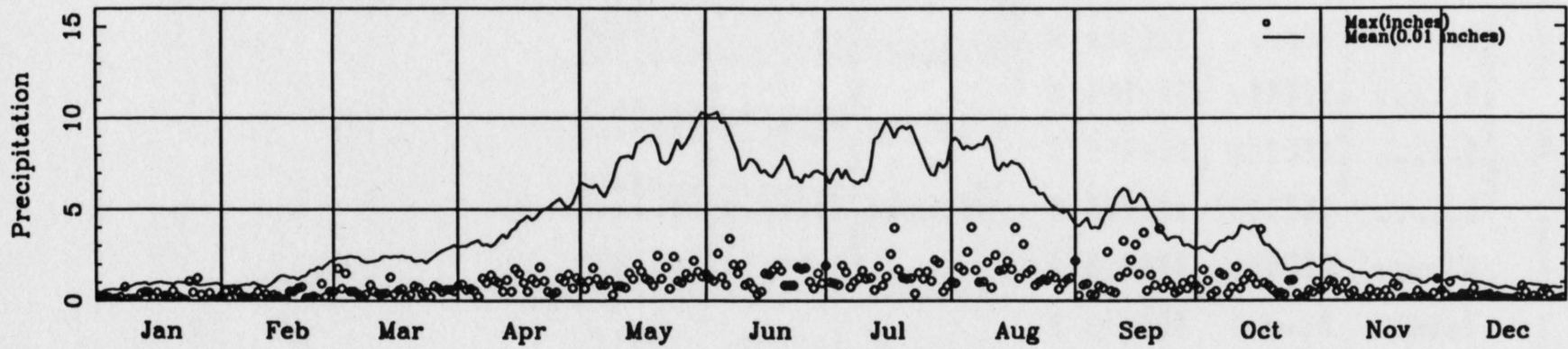
Prepared by: Colorado Climate Center

Precipitation Probabilities for CHEYENNE WELLS

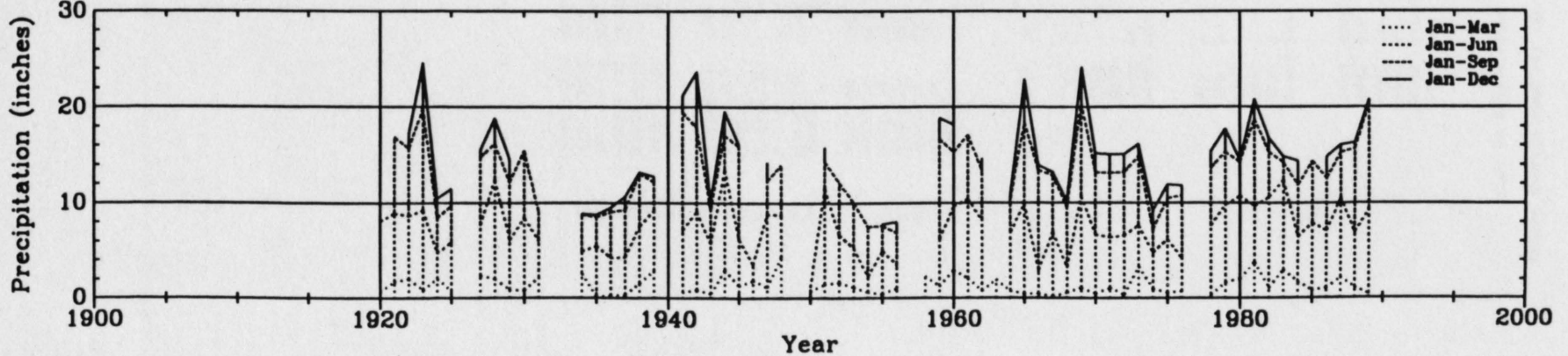
Lat 3849 Long 10221 Elev 4250



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Latitude: 38 49 Longitude: 102 21 Elevation: 4250

Period of Record: 72 years ending in 1989

Base	Heating Degree Days												Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
50	633	469	337	105	16	1	0	0	7	60	318	568	2515
55	784	604	474	190	44	4	0	0	18	121	453	719	3412
57	845	660	533	233	63	6	0	0	26	154	510	779	3809
60	937	743	622	305	101	12	0	1	43	215	598	870	4446
65	1090	881	774	439	191	37	2	4	91	340	744	1022	5616

Base	Cooling Degree Days												Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
55	0	1	6	48	195	443	637	584	323	91	3	0	2331
57	0	0	3	32	153	386	576	523	272	64	1	0	2009
60	0	0	1	15	99	304	484	432	200	33	0	0	1569
65	0	0	0	3	36	180	333	283	101	7	0	0	943
70	0	0	0	1	8	83	189	147	37	0	0	0	465

Base	Growing Degree Days												Annual
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
40	21	43	124	321	611	885	1096	1042	748	435	109	28	5463
45	5	14	59	203	462	737	943	889	602	300	47	8	4269
50	1	3	22	110	320	589	790	737	459	182	15	1	3229
55	0	1	6	48	195	443	637	584	323	91	3	0	2331
60	0	0	1	15	99	304	484	432	200	33	0	0	1569

Corn GDD 38 60 129 242 385 546 685 655 474 311 114 43 3680

Growing Season												
Probability length will be less than												
Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Longest	Yrs.
36	93/1947	109	116	121	125	130	134	138	143	150	167/1987	44
32	109/1947	124	132	137	142	146	151	155	161	169	181/1963	40
28	135/1945	150	157	162	166	170	174	179	184	190	202/1971	38
24	155/1966	167	175	181	186	190	195	200	206	214	230/1965	35
20	181/1942	191	199	205	209	214	219	223	229	237	247/1986	33
16	194/1970	207	215	221	226	230	235	240	246	254	268/1984	31
Probability last spring frost will be before												
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	4/21/1987	4/30	5/ 5	5/ 9	5/13	5/16	5/19	5/22	5/26	5/31	6/13/1947	44
32	4/19/1974	4/23	4/28	5/ 1	5/ 4	5/ 7	5/ 9	5/12	5/16	5/21	6/10/1975	40
28	4/ 8/1971	4/15	4/19	4/22	4/24	4/26	4/29	5/ 1	5/ 4	5/ 8	5/16/1945	38
24	3/19/1986	3/30	4/ 4	4/ 8	4/12	4/15	4/18	4/22	4/26	5/ 1	5/12/1966	35
20	3/ 6/1986	3/18	3/23	3/27	3/30	4/ 3	4/ 6	4/ 9	4/13	4/18	4/23/1972	33
16	3/ 6/1942	3/13	3/18	3/22	3/25	3/28	3/31	4/ 3	4/ 7	4/12	4/21/1978	31
Probability first autumn frost will be before												
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	9/ 2/1974	9/10	9/14	9/17	9/20	9/22	9/25	9/27	9/30	10/ 4	10/ 9/1949	44
32	9/ 2/1974	9/14	9/19	9/23	9/27	9/30	10/ 3	10/ 7	10/11	10/16	10/27/1963	40
28	9/20/1965	9/27	10/ 3	10/ 7	10/10	10/14	10/17	10/20	10/25	10/30	11/ 5/1937	38
24	9/20/1983	10/ 4	10/10	10/15	10/19	10/22	10/26	10/30	11/ 3	11/10	11/17/1958	35
20	9/26/1942	10/16	10/22	10/26	10/30	11/ 3	11/ 6	11/10	11/14	11/20	11/19/1973	33
16	10/ 7/1970	10/30	11/ 4	11/ 7	11/10	11/13	11/16	11/19	11/23	11/28	12/ 1/1984	31

SUMMARY OF MONTHLY CLIMATIC DATA FOR CHEYENNE WELLS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 51564 DIVISION 3

LATITUDE - 38 49 LONGITUDE - 102 21 ELEVATION - 4250 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	42.9	47.5	54.8	66.0	74.9	85.5	91.8	89.6	81.4	70.3	54.7	45.3	67.0
	MAX.	56.2	60.5	64.8	74.8	85.6	95.0	98.9	95.2	90.4	79.3	70.0	58.9	72.7
	YEAR	1986	1954	1972	1954	1934	1952	1934	1937	1931	1950	1949	1933	1934
	MIN.	0.	32.4	38.2	54.1	67.7	75.8	83.5	83.5	68.7	55.8	40.4	27.5	64.1
	YEAR	1949	1960	1958	1984	1943	1945	1950	1950	1974	1965	1969	1972	1983
YEARS OF RECORD	59.	59.	58.	59.	58.	58.	58.	59.	59.	59.	58.	59.	59.	55.
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	14.6	18.3	24.0	34.3	44.6	54.0	59.5	58.1	48.9	37.3	24.5	17.2	36.4
	MAX.	22.8	27.5	32.2	43.8	51.3	59.4	64.8	69.3	54.4	42.8	30.0	24.1	39.3
	YEAR	1986+	1954	1986	1937	1941	1933	1936	1936	1969	1963+	1981	1933	1934
	MIN.	0.	5.7	4.7	27.6	38.6	47.9	54.6	53.2	40.8	32.7	18.8	4.6	33.0
	YEAR	1949	1936	1948	1950	1950	1945	1950	1950	1965	1932	1938	1932	1951
YEARS OF RECORD	58.	59.	59.	59.	58.	58.	59.	59.	59.	59.	58.	59.	59.	55.
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	28.8	32.9	39.5	50.2	59.7	69.8	75.7	73.9	65.1	53.8	39.6	31.3	51.7
	MAX.	39.5	44.0	48.1	56.7	68.2	76.4	81.8	81.6	72.4	60.2	49.2	41.5	56.0
	YEAR	1986	1954	1986	1946	1934	1956	1936+	1936	1931	1963	1949	1933	1934
	MIN.	0.	22.0	26.8	43.2	54.0	61.8	69.1	68.5	54.8	45.0	30.9	16.7	49.0
	YEAR	1949	1936	1965	1984	1943	1945	1950	1950	1965	1969	1972	1983	1951
YEARS OF RECORD	58.	59.	58.	59.	58.	58.	59.	59.	59.	59.	58.	59.	59.	54.
DEGREE DAYS (BASE 65F)	AVE.	1099.4	890.1	783.5	448.2	191.8	33.6	1.9	4.7	97.7	359.0	761.8	1046.7	5697.5
	MAX.	1401	1239	1179	646	325	105	19	32	305	616	1016	1491	6419
	YEAR	1979	1960	1965	1984	1967	1951	1951	1968	1965	1969	1972	1983	1951
	MIN.	784	580	515	254	72	0	0	0	20	176	560	791	4765
	YEAR	1986	1954	1986	1981	1962	1977+	1989+	1989+	1977	1963	1954	1957	1986
YEARS OF RECORD	38.	39.	39.	39.	39.	39.	39.	39.	39.	39.	38.	39.	39.	37.
NO DAYS MAX TEMP GTR OR EQ 90F AVE.	0.	0.	0.	0.2	1.8	11.7	20.7	16.4	6.3	0.4	0.	0.	0.	58.4
	MAX.	0	0	0	5	7	25	29	31	14	3	0	0	91
	YEAR	1948	1948	1948	1989	1974+	1954	1964+	1983	1948	1979+	1948	1948	1954
	MIN.	0	0	0	0	0	0	11	3	0	0	0	0	33
	YEAR	1989+	1989+	1989+	1988+	1987+	1951	1958	1950	1965	1989+	1989+	1989+	1967
YEARS OF RECORD	40.	41.	40.	41.	41.	41.	41.	41.	42.	41.	41.	41.	37.	
NO DAYS MAX TEMP LESS OR EQ 32F AVE.	6.6	4.1	2.3	0.2	0.	0.	0.	0.	0.	0.1	2.0	4.8	20.0	
	MAX.	16	15	9	3	0	0	0	0	0	1	9	17	43
	YEAR	1988	1978	1969+	1983	1949	1948	1948	1948	1948	1972+	1972	1983	1978
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	9
	YEAR	1989+	1977+	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1970+	1981+
YEARS OF RECORD	41.	42.	41.	41.	40.	41.	41.	41.	41.	41.	40.	41.	42.	37.
NO DAYS MIN TEMP LESS OR EQ 32F AVE.	30.5	26.9	26.4	12.5	1.4	0.0	0.	0.	1.0	8.5	25.4	29.8	161.6	
	MAX.	31	29	31	22	6	1	0	0	8	17	30	31	186
	YEAR	1988+	1984+	1984+	1973	1950	1975+	1948	1948	1985	1951	1982+	1986+	1951
	MIN.	28	21	17	3	0	0	0	0	0	3	18	24	136
	YEAR	1953	1954	1989	1969	1987+	1989+	1989+	1989+	1988+	1988+	1981	1987	1986
YEARS OF RECORD	40.	40.	41.	42.	41.	41.	41.	41.	41.	38.	42.	42.	33.	
NO DAYS MIN TEMP LESS OR EQ 0 F AVE.	4.1	1.8	0.7	0.	0.	0.	0.	0.	0.	0.	0.2	1.9	8.2	
	MAX.	13	9	8	0	0	0	0	0	0	0	4	13	20
	YEAR	1963+	1982	1948	1948	1949	1948	1948	1948	1948	1948	1952	1983	1962
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	1
	YEAR	1987+	1987+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1967
YEARS OF RECORD	40.	41.	41.	41.	40.	41.	41.	41.	41.	41.	40.	41.	42.	35.
HIGHEST TEMPERATURE (F)	TEMP	78	79	88	95	98	110	109	107	100	93	89	77	
	YEAR AND DAY	198931+	196211+	194631	198921	195023	193618	193624	193115	197107+	194705+	193301	198017+	
	YEARS OF RECORD	58.	59.	58.	59.	58.	58.	58.	59.	58.	56.	59.	59.	
LOWEST TEMPERATURE (F)	TEMP	-22	-31	-16	1	23	31	40	39	18	13	-10	-26	
	YEAR AND DAY	198417	193609	196003	193602	196612+	197510+	195208	196428	198529	197007	197627	198922	
	YEARS OF RECORD	57.	57.	57.	59.	58.	58.	57.	59.	59.	57.	58.	58.	

SUMMARY OF MONTHLY CLIMATIC DATA FOR CHEYENNE WELLS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 51564 DIVISION 3

LATITUDE - 38 49 LONGITUDE - 102 21 ELEVATION - 4250 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	0.26	0.31	0.75	1.23	2.60	2.37	2.46	2.29	1.40	0.79	0.45	0.24	15.09
	MAX.	1.46	1.84	3.59	6.28	4.93	6.49	9.35	7.86	5.11	5.19	3.95	1.35	26.85
	YEAR	1944	1934	1981	1944	1977	1951	1958	1946	1941	1942	1946	1979	1958
	MIN.	0.	0.	0.	0.	0.	0.18	0.18	0.12	0.	0.	0.	0.	7.77
	YEAR	1986+	1977+	1989+	1963+	1937	1954	1955	1932	1954	1987+	1989+	1980+	1955
	YEARS OF RECORD	58.	59.	58.	59.	58.	58.	58.	59.	59.	57.	59.	59.	55.
GREATEST DAILY PRECIP (IN)	AMOUNT	0.47	0.70	2.50	1.84	2.47	2.60	4.00	4.05	3.28	3.90	1.17	0.60	
	YEAR AND DAY	195113	198320	194804	198321	197920	198904	195818	195906	196613	196517	198130	197927	
	YEARS OF RECORD	40.	42.	40.	41.	41.	41.	41.	41.	42.	39.	40.	42.	
MONTHLY SNOWFALL (IN)	AVE.	3.7	3.5	4.7	2.3	0.3	0.	0.	0.	0.1	1.0	2.7	3.2	20.2
	MAX.	13.3	27.5	23.5	11.0	6.0	0.	0.	0.	2.0	9.0	29.0	15.0	44.9
	YEAR	1945	1960	1948	1980+	1978+	1931	1931	1931	1985	1969	1946	1965	1944
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.3
	YEAR	1989+	1977+	1989+	1987+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1980+	1935
	YEARS OF RECORD	54.	56.	51.	55.	57.	58.	58.	59.	59.	56.	54.	52.	41.
GREATEST DEPTH SNOW ON GRND IN MON (IN)		9	10	10	8	4	0	0	0	1	6	10	9	
	YEAR AND DAY	196208	197517	194804	198001	197806	0	0	0	198529	198417	0	0	
	YEARS OF RECORD	26.	26.	25.	30.	36.	41.	41.	42.	41.	33.	27.	29.	
NO. DAYS PRECIP GTR OR EQ 0.1 IN AVE.		1.0	1.0	2.5	3.2	5.8	4.7	4.9	4.0	3.0	1.8	1.6	0.9	33.5
	MAX.	3	5	10	9	10	13	10	10	8	7	6	4	58
	YEAR	1960+	1987+	1973	1952	1957+	1951	1958	1950	1950	1984+	1952	1965	1951
	MIN.	0	0	0	0	2	1	1	0	0	0	0	0	18
	YEAR	1989+	1984+	1989+	1987+	1966+	1976+	1986+	1956	1979+	1988+	1989+	1986+	1956
	YEARS OF RECORD	40.	42.	39.	42.	41.	40.	41.	41.	42.	39.	41.	41.	33.
NO. DAYS PRECIP GTR OR EQ 0.5 IN AVE.		0.1	0.1	0.4	0.6	1.9	1.8	1.9	1.5	0.9	0.4	0.3	0.0	9.3
	MAX.	2	1	4	3	6	6	5	4	4	3	1	1	18
	YEAR	1948	1983+	1981+	1983+	1949	1951	1958+	1989+	1973	1969	1981+	1979+	1969
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	3
	YEAR	1989+	1989+	1989+	1989+	1986+	1985+	1983+	1988+	1987+	1989+	1989+	1989+	1955
	YEARS OF RECORD	40.	41.	40.	41.	40.	41.	41.	40.	41.	38.	40.	41.	35.
NO. DAYS PRECIP GTR OR EQ 1.0 IN AVE.		0.	0.	0.0	0.2	0.8	0.6	0.7	0.4	0.2	0.0	0.0	0.	2.8
	MAX.	0	0	1	1	3	3	4	2	2	1	1	0	7
	YEAR	1948	1948	1948	1983+	1977	1965	1957	1989+	1973+	1965	1981	1948	1965+
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1985+	1983+	1988+	1989+	1989+	1989+	1989+	1963+
	YEARS OF RECORD	40.	41.	40.	41.	40.	41.	41.	40.	41.	38.	41.	41.	36.
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.0	0.2	0.1	0.0	0.	0.1	0.	0.	0.	0.	0.4
	MAX.	0	0	1	1	1	1	0	1	0	0	0	0	2
	YEAR	1956	1956	1979	1980+	1981+	1964	1956	1978+	1956	1956	1956	1956	1978
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1980+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1977+
	YEARS OF RECORD	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	25.	25.
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND (GTR OR EQ 1 INCH ON GROUND)	AVE.	7.1	3.7	2.9	1.1	0.0	0.	0.	0.0	0.5	2.0	5.8	23.1	
	MAX.	27	17	16	6	1	0	0	0	1	3	20	18	61
	YEAR	1988+	1978	1969	1980	1978	1963	1963	1963	1985	1984+	1972	1972	1983
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	6
	YEAR	1989+	1977+	1989+	1987+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1980+	1968+
YEARS OF RECORD	26.	26.	27.	25.	27.	27.	27.	27.	27.	25.	26.	25.	19.	



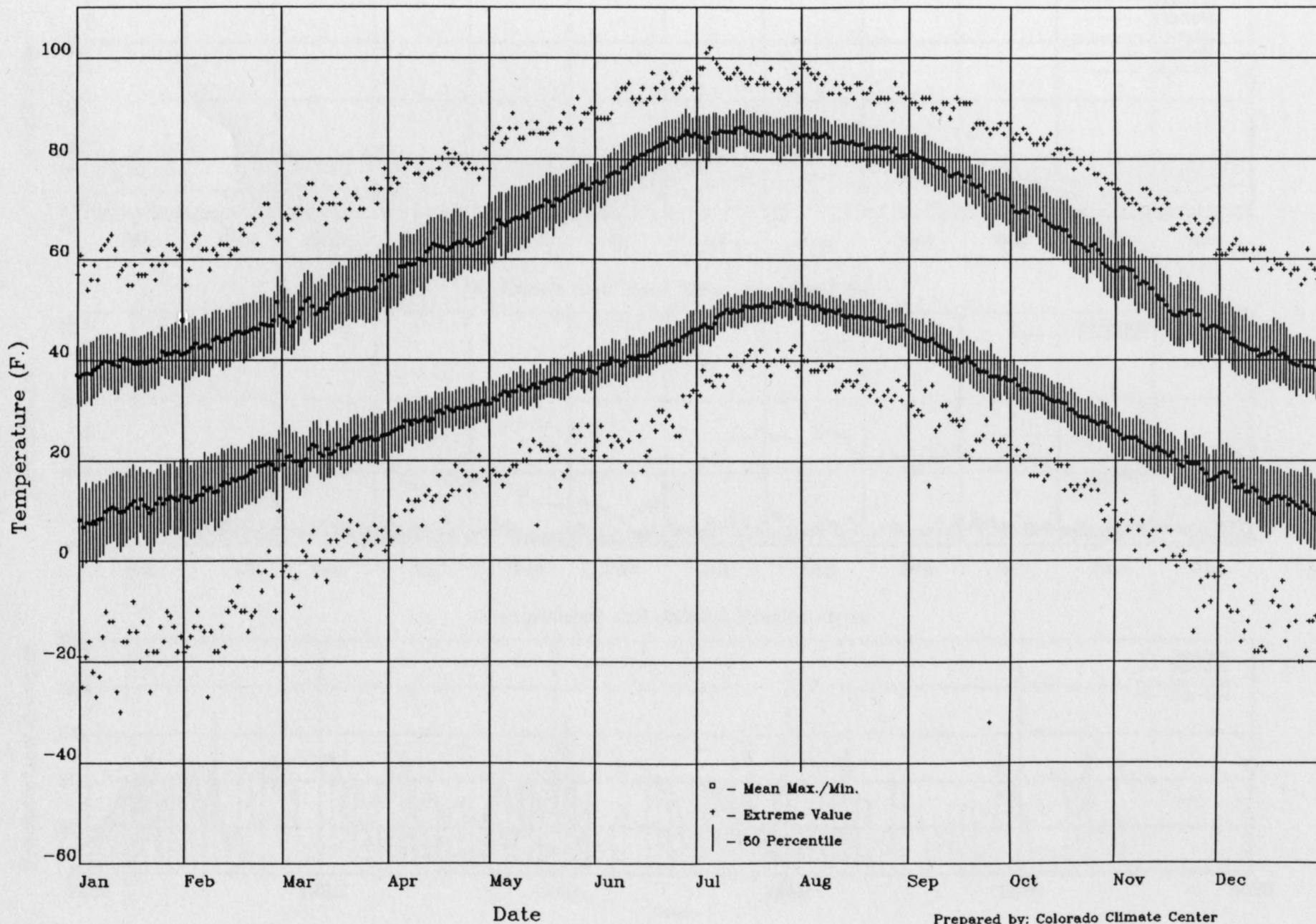
# DURANGO

Record: 90 years ending in 1989

Lat 37 17

Long 107 53

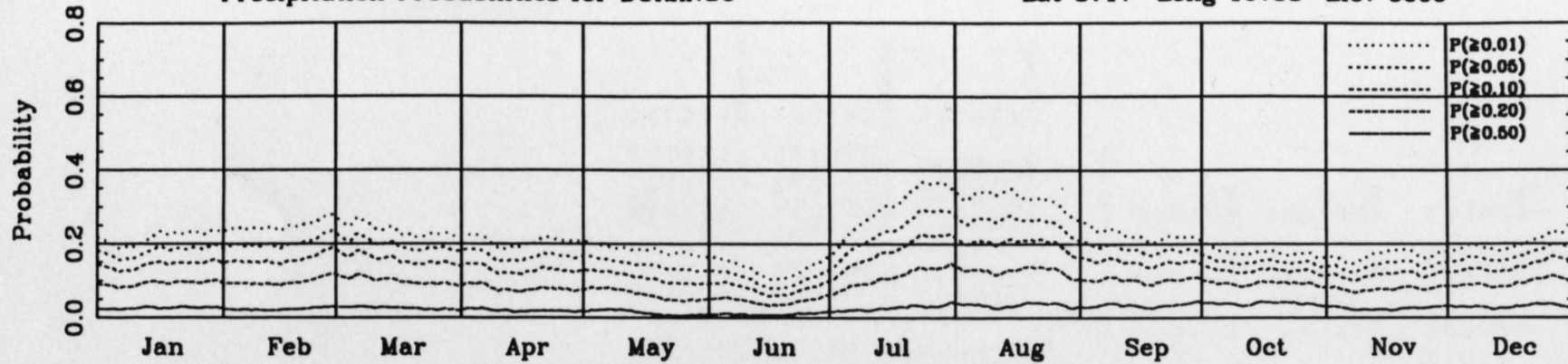
Elev 6600



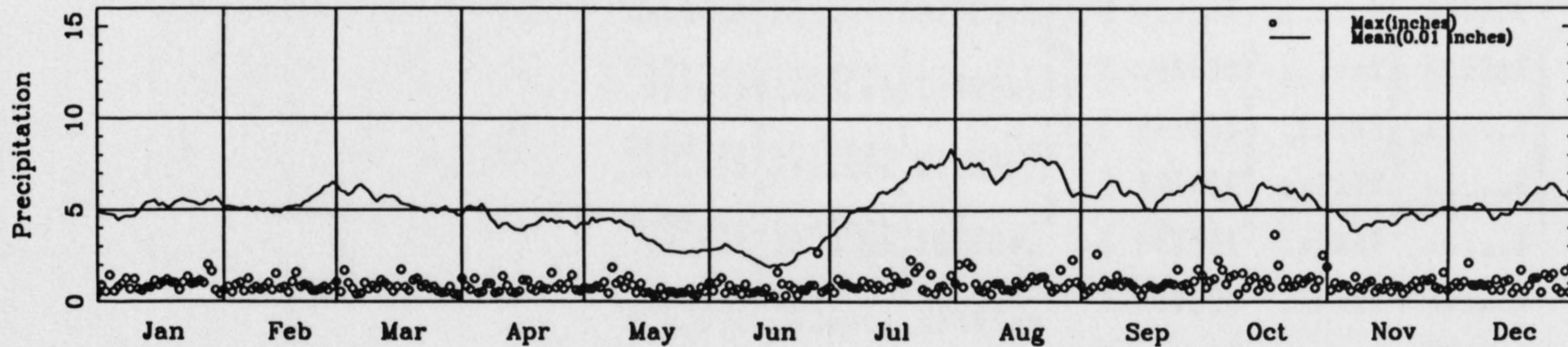
Prepared by: Colorado Climate Center

Precipitation Probabilities for DURANGO

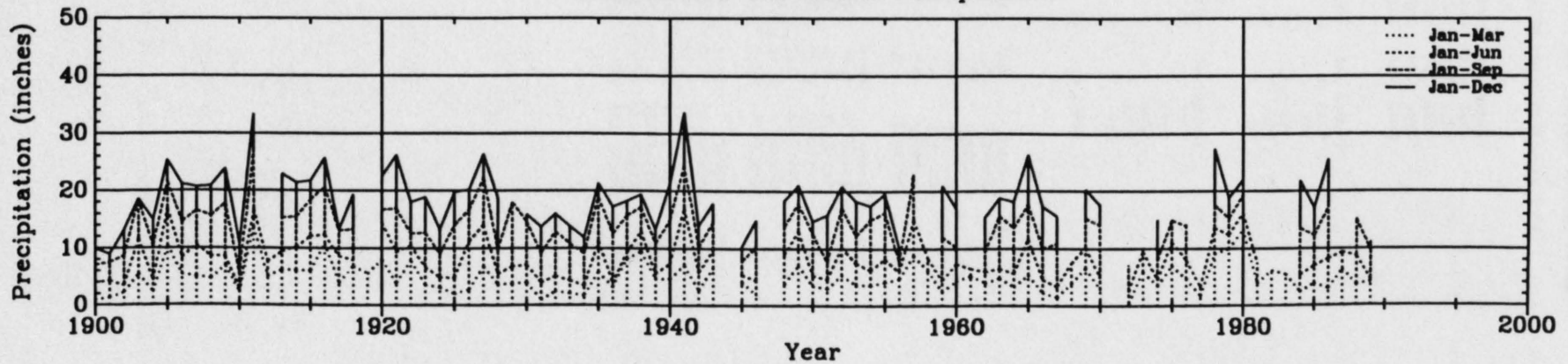
Lat 3717 Long 10753 Elev 6600



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Temperature Summary for DURANGO

52432

Prepared by: Colorado Climate Center

Latitude: 37 17 Longitude: 107 53 Elevation: 6600 Period of Record: 90 years ending in 1989

Heating Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
50	755	543	389	161	38	1	0	0	5	94	387	688	3063
55	907	683	540	291	104	11	0	0	23	203	534	841	4138
57	968	739	601	349	145	20	0	0	39	257	593	902	4614
60	1059	823	693	437	221	46	2	3	78	345	681	994	5382
65	1211	963	845	586	367	129	15	28	190	496	829	1147	6805

Cooling Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
55	0	0	0	2	43	199	387	343	134	9	0	0	1117
57	0	0	0	1	22	149	326	282	91	3	0	0	875
60	0	0	0	0	6	87	236	192	41	0	0	0	564
65	0	0	0	0	0	21	98	65	5	0	0	0	189
70	0	0	0	0	0	2	15	7	0	0	0	0	24

Growing Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
40	1	6	45	182	398	633	843	802	552	270	41	2	3773
45	0	0	10	80	254	485	691	649	406	143	7	0	2726
50	0	0	1	22	129	338	539	496	263	52	0	0	1839
55	0	0	0	2	43	199	387	343	134	9	0	0	1117
60	0	0	0	0	6	87	236	192	41	0	0	0	564

Corn GDD 6 19 72 176 310 446 537 515 391 242 77 12 2802

Growing Season													
Probability length will be less than													
Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	Longest
36	37/1900	62	70	75	80	84	88	93	99	106	114/1904	63	114/1904
32	70/1944	86	93	99	104	108	113	118	123	131	149/1976	60	149/1976
28	104/1923	117	125	131	135	140	145	149	155	163	182/1988	53	182/1988
24	112/1937	140	150	157	163	168	174	180	187	196	216/1988	50	216/1988
20	145/1983	164	174	181	187	193	198	204	212	221	233/1986	48	233/1986
16	155/1983	191	200	207	213	218	224	230	236	246	252/1907	45	252/1907
Probability last spring frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	Latest
36	5/23/1986	6/ 5	6/10	6/13	6/16	6/19	6/21	6/24	6/28	7/ 2	7/ 9/1955	63	7/ 9/1955
32	5/ 2/1976	5/18	5/24	5/28	6/ 1	6/ 4	6/ 7	6/11	6/15	6/21	6/26/1965	60	6/26/1965
28	4/20/1941	4/29	5/ 5	5/ 9	5/13	5/16	5/20	5/23	5/27	6/ 2	6/18/1939	53	6/18/1939
24	3/31/1985	4/10	4/17	4/22	4/26	4/30	5/ 3	5/ 7	5/12	5/19	6/ 8/1950	50	6/ 8/1950
20	3/19/1986	3/26	4/ 2	4/ 7	4/11	4/15	4/18	4/23	4/27	5/ 4	5/15/1930	48	5/15/1930
16	3/ 5/1989	3/13	3/19	3/24	3/27	3/31	4/ 4	4/ 7	4/12	4/18	5/15/1930	45	5/15/1930
Probability first autumn frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	Latest
36	8/11/1900	8/27	9/ 1	9/ 5	9/ 8	9/11	9/14	9/17	9/21	9/26	9/29/1935	63	9/29/1935
32	8/23/1900	9/ 7	9/11	9/15	9/18	9/20	9/23	9/26	9/29	10/ 4	10/15/1933	60	10/15/1933
28	9/ 7/1983	9/18	9/23	9/27	9/30	10/ 3	10/ 6	10/ 9	10/13	10/18	11/ 5/1988	53	11/ 5/1988
24	9/ 7/1983	9/28	10/ 4	10/ 8	10/11	10/15	10/18	10/22	10/26	11/ 1	11/12/1988	50	11/12/1988
20	9/ 7/1983	10/ 5	10/12	10/16	10/21	10/24	10/28	11/ 1	11/ 6	11/12	11/22/1965	48	11/22/1965
16	9/ 7/1983	10/16	10/23	10/28	11/ 1	11/ 4	11/ 8	11/12	11/17	11/23	12/ 2/1933	45	12/ 2/1933

SUMMARY OF MONTHLY CLIMATIC DATA FOR DURANGO

COLORADO

FOR YEARS 1894-1989

SUBSTATION NO. 52432 DIVISION 2

LATITUDE - 37 17 LONGITUDE - 107 53 ELEVATION - 6600 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	39.5	44.6	51.8	61.2	70.2	80.5	85.0	83.1	76.4	65.4	52.1	41.3	62.6
	MAX.	50.6	56.8	64.3	69.8	79.6	88.2	90.3	88.8	85.0	75.2	61.6	53.6	67.1
	YEAR	1981	1954	1972	1989	1974	1902	1989+	1960	1956	1950	1949	1958	1954
	MIN.	28.7	32.3	43.6	53.3	59.6	70.9	74.5	73.9	64.3	54.1	39.6	28.0	55.7
	YEAR	1929	1929	1917	1941	1935	1927	1926	1927	1927	1984	1928	1927	1927
YEARS OF RECORD	95.	95.	95.	95.	95.	93.	94.	95.	94.	96.	96.	96.	91.	
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	10.5	15.9	22.6	29.2	35.5	42.0	50.0	49.0	40.9	31.3	21.4	13.1	30.1
	MAX.	20.7	25.5	29.7	34.4	43.4	49.2	54.9	53.9	50.2	37.6	29.5	23.2	33.3
	YEAR	1896	1907	1911	1946	1897	1918	1896	1909	1897	1896	1913	1906	1910
	MIN.	-4.0	0.3	9.8	15.6	23.0	35.2	44.6	39.6	34.2	24.9	11.9	4.4	26.9
	YEAR	1937	1939	1901	1901	1901	1945	1938	1900	1900	1900	1938	1945	1937
YEARS OF RECORD	95.	95.	95.	95.	95.	93.	93.	95.	94.	96.	96.	96.	91.	
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	25.0	30.3	37.2	45.2	52.8	61.3	67.5	66.0	58.7	48.4	36.8	27.2	46.4
	MAX.	33.9	38.7	44.4	51.4	58.3	67.2	71.0	69.8	62.3	53.6	42.1	35.3	48.9
	YEAR	1956	1907	1910	1989	1984	1918	1989	1901	1963+	1950	1894	1980	1954+
	MIN.	14.8	16.6	29.8	39.6	47.4	55.6	61.2	60.6	53.9	42.3	29.4	16.6	43.0
	YEAR	1937	1939	1917	1920	1917	1945	1926	1927	1927	1984	1938	1909	1928
YEARS OF RECORD	95.	95.	95.	95.	95.	93.	93.	95.	94.	96.	96.	96.	91.	
DEGREE DAYS (BASE 65F)	AVE.	1205.9	953.1	846.6	583.9	353.1	112.1	7.9	23.5	185.1	494.4	836.0	1143.5	6716.2
	MAX.	1470	1154	1018	735	488	211	33	100	299	695	1022	1378	7326
	YEAR	1979	1960	1952	1975	1953	1951	1955	1968	1986	1984	1979	1978	1975
	MIN.	958	749	646	401	208	11	0	0	83	356	708	912	6058
	YEAR	1956	1954	1972	1989	1984	1977	1984+	1983+	1963	1963	1966	1980	1954
YEARS OF RECORD	39.	39.	39.	39.	39.	39.	38.	39.	38.	39.	39.	39.	37.	
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.	0.	0.1	3.5	9.8	4.6	0.8	0.	0.	0.	18.7
	MAX.	0	0	0	0	2	11	20	16	8	0	0	0	37
	YEAR	1951	1951	1951	1951	1974	1974	1989	1960	1956	1951	1951	1951	1960
	MIN.	0	0	0	0	0	0	1	0	0	0	0	0	3
	YEAR	1989+	1989+	1989+	1989+	1989+	1982+	1965	1976+	1989+	1989+	1989+	1989+	1965
YEARS OF RECORD	39.	39.	39.	39.	39.	40.	38.	41.	40.	39.	39.	39.	35.	
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	5.6	1.2	0.1	0.0	0.	0.	0.	0.	0.	0.	0.3	3.4	8.6
	MAX.	41	7	2	1	0	0	0	0	0	0	4	10	18
	YEAR	1973	1949	1975	1983	1951	1951	1951	1951	1951	1951	1983+	1961+	1988
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1983+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1956
YEARS OF RECORD	40.	38.	39.	39.	39.	39.	38.	39.	38.	39.	38.	39.	32.	
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	30.9	27.9	29.7	22.5	10.0	1.6	0.	0.	4.2	20.3	28.3	30.6	204.5
	MAX.	31	29	31	30	21	9	0	0	14	29	30	31	225
	YEAR	1989+	1984+	1988+	1975	1953	1951	1951	1951	1971	1973	1989+	1989+	1955+
	MIN.	29	24	25	14	2	0	0	0	0	12	22	28	181
	YEAR	1969	1986	1982	1989	1985+	1989+	1989+	1989+	1989+	1963	1965	1973	1978
YEARS OF RECORD	41.	39.	41.	39.	40.	41.	38.	39.	38.	41.	42.	42.	33.	
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	5.5	1.9	0.2	0.	0.	0.	0.	0.	0.	0.	0.3	2.7	9.7
	MAX.	14	12	3	0	0	0	0	0	0	0	4	12	22
	YEAR	1979	1949	1966	1951	1951	1951	1951	1951	1951	1951	1952	1951	1955
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1986+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1981+
YEARS OF RECORD	39.	40.	39.	39.	39.	39.	38.	39.	38.	39.	41.	39.	33.	
HIGHEST TEMPERATURE (F)	TEMP	65	71	78	82	92	97	102	99	92	87	74	64	
	YEAR AND DAY	195611	198626	196631	196218+	197427	198918+	198905	190202	198306+	198001	197310+	196506+	
	YEARS OF RECORD	95.	95.	95.	94.	95.	93.	93.	94.	95.	96.	96.	95.	
LOWEST TEMPERATURE (F)	TEMP	-30	-27	-9	0	15	23	33	31	15	6	-14	-20	
	YEAR AND DAY	196313	193308	193906	190105	190105	197101+	192802	190024	198307	190031	193124	192425	
	YEARS OF RECORD	95.	95.	95.	95.	95.	92.	93.	92.	94.	96.	96.	95.	

SUMMARY OF MONTHLY CLIMATIC DATA FOR DURANGO

COLORADO

FOR YEARS 1894-1989

SUBSTATION NO. 52432 DIVISION 2

LATITUDE - 37 17 LONGITUDE - 107 53 ELEVATION - 6600 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	1.62	1.51	1.68	1.34	1.12	0.80	1.93	2.30	1.81	1.92	1.33	1.74	19.14
	MAX.	6.95	7.02	4.87	5.54	3.72	5.53	5.36	5.97	7.36	11.79	4.55	7.37	34.29
	YEAR	1916	1911	1938	1926	1947	1927	1981	1947	1927	1972	1982	1921	1911
	MIN.	0.08	0.	0.	0.	0.	0.	0.02	0.24	0.	0.	0.	0.	8.90
	YEAR	1986+	1972	1955+	1989+	1974+	1980+	1900	1985	1953	1964+	1989+	1989+	1901
YEARS OF RECORD	95.	95.	95.	95.	95.	94.	95.	95.	95.	95.	96.	96.	96.	94.
GREATEST DAILY PRECIP (IN)	AMOUNT	2.56	2.02	1.74	1.48	1.88	2.68	2.30	2.14	2.62	3.65	1.90	2.12	
	YEAR AND DAY	191628	191119	192217	190512	195508	192728	193021	192904	197005	197219	198601	196606	
	YEARS OF RECORD	78.	78.	77.	77.	78.	77.	75.	78.	77.	77.	78.	78.	
MONTHLY SNOWFALL (IN)	AVE.	16.8	14.3	10.4	3.4	0.5	0.	0.	0.	0.0	1.1	5.4	16.1	70.6
	MAX.	74.0	57.6	33.5	18.1	11.0	0.	0.	0.	1.2	17.0	29.9	46.0	130.6
	YEAR	1916	1911	1961	1920	1978	1897	1896	1896	1950	1984	1918	1967	1980
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24.4
	YEAR	1934	1972+	1972+	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1989+	1989+	1954
YEARS OF RECORD	80.	81.	79.	80.	81.	84.	89.	84.	87.	82.	81.	80.	57.	
GRTST DEPTH SNOW ON GRND IN MON (IN)		35	82	57	12	5	0	0	0	0	5	11	33	
	YEAR AND DAY	0	194810	194809	194901	195004	0	0	0	0	198417	0	196720	
	YEARS OF RECORD	34.	35.	34.	29.	36.	41.	41.	40.	40.	38.	31.	34.	
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.		6.2	5.7	6.4	5.0	4.6	3.3	8.3	8.4	6.0	5.0	4.4	5.6	70.7
	MAX.	19	17	19	15	13	12	20	20	17	15	13	16	137
	YEAR	1949	1905	1912	1926+	1907	1903	1919+	1907	1927	1972	1913	1894	1911
	MIN.	0	0	0	0	0	0	0	1	0	0	0	0	27
	YEAR	1986+	1977+	1977+	1989+	1974+	1989+	1980	1985+	1968+	1967+	1989+	1989+	1956
YEARS OF RECORD	77.	77.	77.	78.	78.	76.	75.	76.	76.	78.	78.	77.	65.	
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.		1.7	1.6	1.8	1.4	0.9	0.7	1.9	2.1	1.5	2.0	1.5	1.7	19.2
	MAX.	9	10	15	9	6	5	9	7	8	9	7	7	43
	YEAR	1916	1911	1905	1926	1928	1927	1911	1929+	1927	1972	1922	1921	1911
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	5
	YEAR	1986+	1985+	1989+	1989+	1989+	1989+	1988+	1989+	1989+	1988+	1989+	1989+	1956
YEARS OF RECORD	64.	64.	64.	64.	64.	63.	62.	63.	63.	64.	64.	64.	53.	
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.		0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.5	0.2	0.3	2.1
	MAX.	3	2	2	1	1	1	1	2	3	6	2	4	7
	YEAR	1980+	1980	1918	1988+	1976+	1952+	1989+	1948	1927	1910	1978+	1921	1921
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1989+	1989+	1988+	1989+	1989+	1987+
YEARS OF RECORD	64.	64.	64.	65.	64.	64.	64.	65.	64.	66.	65.	64.	59.	
NUMBER OF DAYS WITH HAIL	AVE.	0.0	0.1	0.3	0.6	0.5	0.2	0.6	0.3	0.3	0.3	0.3	0.1	3.4
	MAX.	1	2	2	4	3	2	3	3	2	2	2	2	12
	YEAR	1960	1962	1965+	1963	1960	1970	1961+	1967+	1964+	1956	1960+	1957	1960
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+
YEARS OF RECORD	25.	26.	26.	26.	26.	26.	26.	26.	26.	26.	25.	24.	26.	23.
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND (GTR OR EQ 1 INCH ON GROUND)	AVE.	25.9	19.0	6.9	1.0	0.1	0.	0.	0.	0.	0.2	3.8	17.2	76.5
	MAX.	31	29	31	6	2	0	0	0	0	5	11	31	112
	YEAR	1989+	1988+	1979	1964	1978	1963	1963	1963	1963	1984	1985+	1983	1983
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	23
	YEAR	1970	1972+	1982+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989	1986
YEARS OF RECORD	21.	23.	20.	22.	25.	27.	27.	27.	27.	23.	20.	18.	14.	

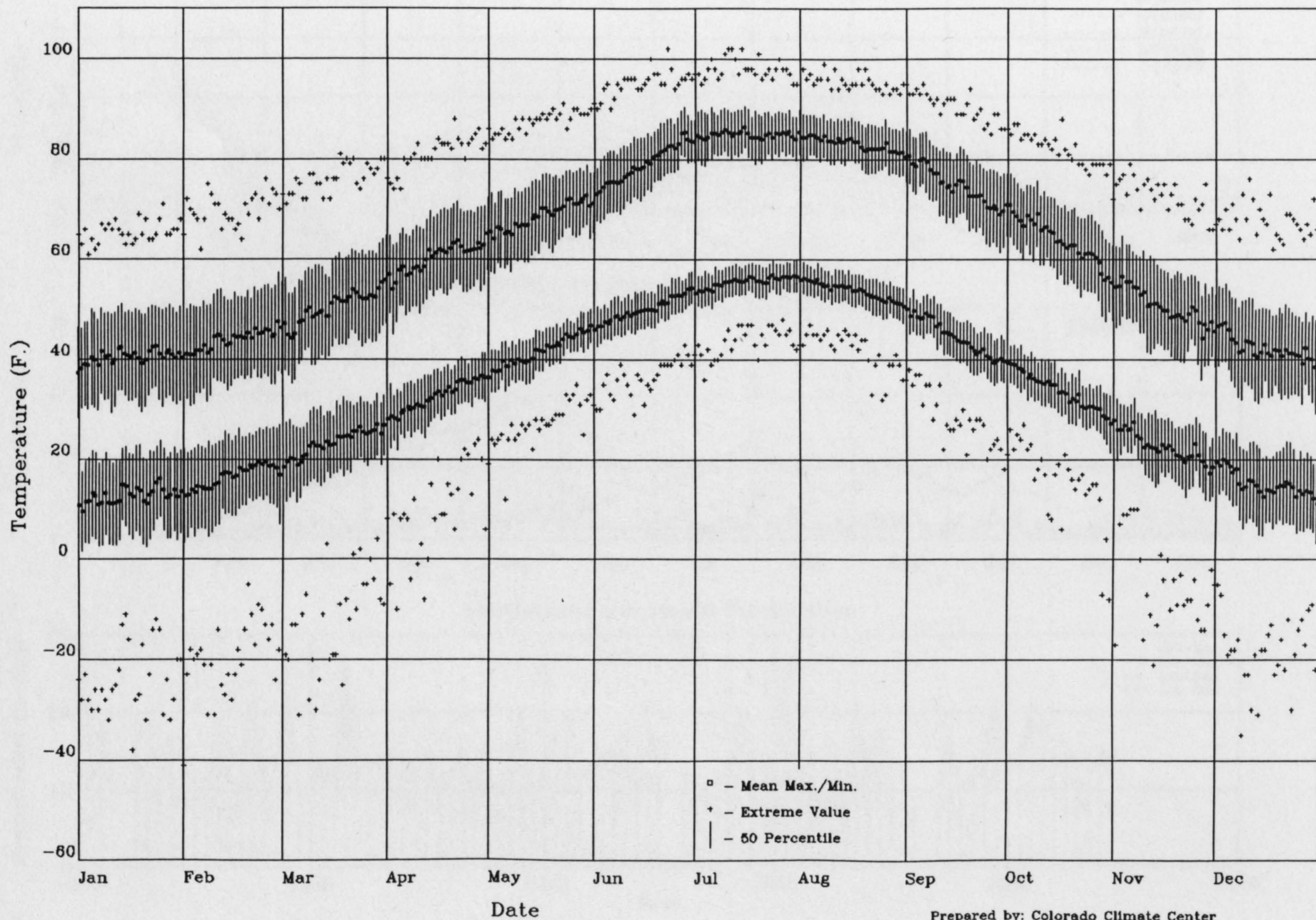
# FORT COLLINS

Record: 90 years ending in 1989

Lat 40 35

Long 105 5

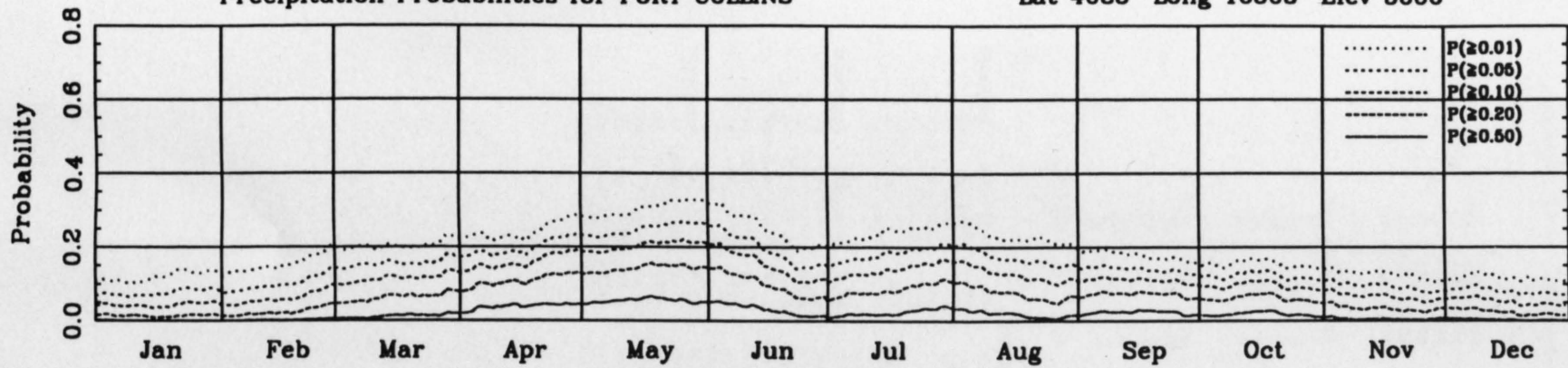
Elev 5000



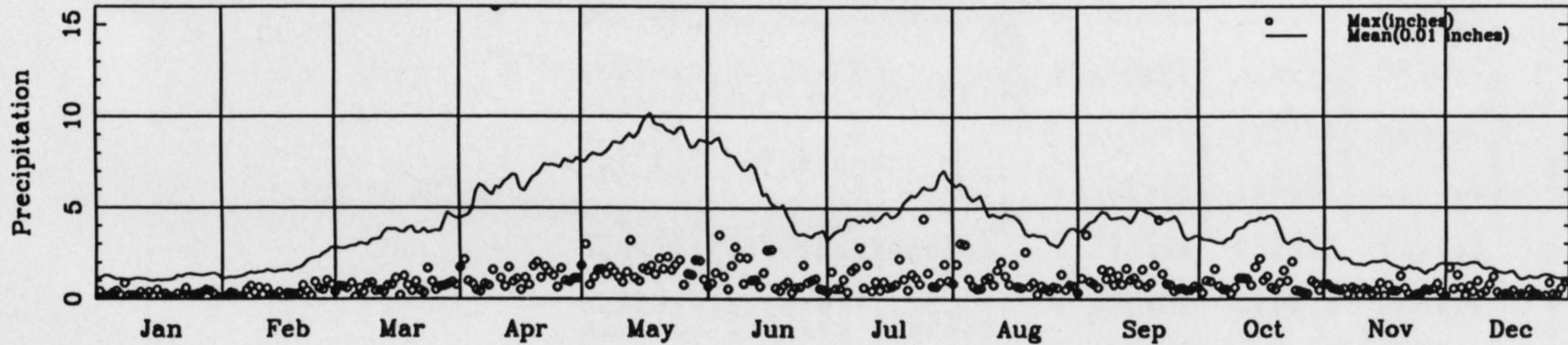
Prepared by: Colorado Climate Center

Precipitation Probabilities for FORT COLLINS

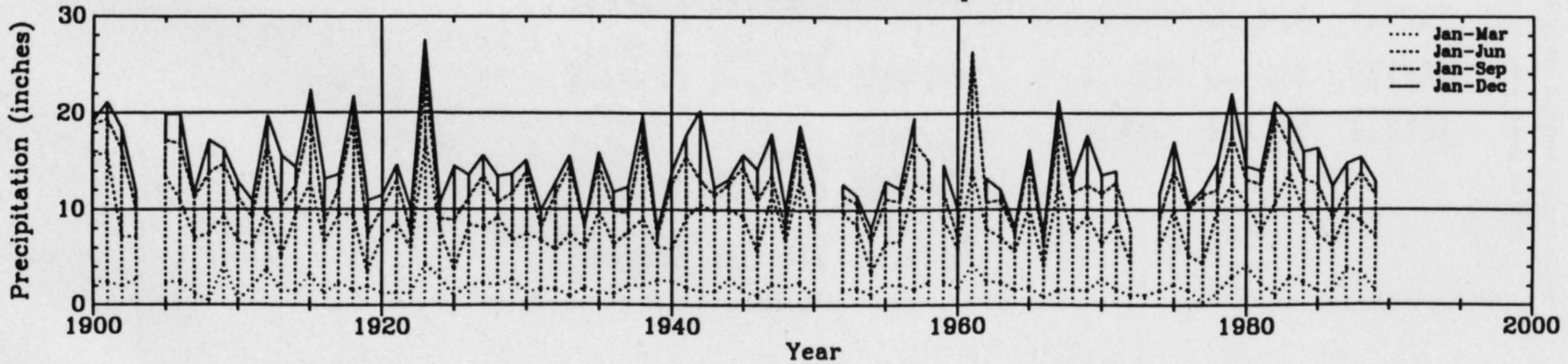
Lat 4035 Long 10505 Elev 5000



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Latitude: 40 35 Longitude: 105 5 Elevation: 5000 Period of Record: 90 years ending in 1989

Heating Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
50	717	554	408	158	34	2	0	0	14	104	394	650	3035
55	871	694	556	268	84	8	0	0	36	202	540	804	4063
57	933	750	617	320	115	13	1	1	51	252	600	866	4517
60	1026	835	709	404	173	28	2	2	83	336	690	958	5246
65	1181	976	863	552	302	81	9	16	170	487	840	1113	6590

Cooling Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
55	0	0	1	16	96	299	480	427	187	25	0	0	1531
57	0	0	1	8	64	245	418	365	142	13	0	0	1256
60	0	0	0	2	31	170	326	274	84	4	0	0	891
65	0	0	0	0	5	73	179	133	22	0	0	0	412
70	0	0	0	0	0	18	61	34	3	0	0	0	115

Growing Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
40	12	22	80	236	478	742	944	892	601	308	65	16	4395
45	3	6	31	130	332	592	789	737	455	180	20	4	3277
50	1	1	8	56	200	443	634	582	314	82	4	1	2325
55	0	0	1	16	96	299	480	427	187	25	0	0	1531
60	0	0	0	2	31	170	326	274	84	4	0	0	891

Corn GDD 23 36 85 175 294 454 599 564 384 234 81 28 2958

Growing Season													
Probability length will be less than													
Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs	Longest
36	66/1903	98	106	112	117	122	126	131	137	145	155/1977	81	155/1977
32	89/1945	115	124	130	136	141	146	151	157	166	182/1963	80	182/1963
28	130/1912	143	150	155	159	163	167	171	176	183	198/1974	79	198/1974
24	138/1912	164	171	177	182	186	191	195	201	209	234/1978	77	234/1978
20	170/1917	182	190	196	201	205	210	215	221	228	257/1981	75	257/1981
16	175/1917	196	204	210	215	219	224	228	234	242	259/1963	73	259/1963
Probability last spring frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs	Longest
36	4/22/1977	5/ 4	5/10	5/14	5/18	5/21	5/24	5/28	6/ 1	6/ 7	7/ 4/1903	81	7/ 4/1903
32	4/10/1936	4/24	4/29	5/ 4	5/ 7	5/10	5/14	5/17	5/21	5/27	6/16/1945	80	6/16/1945
28	3/30/1965	4/13	4/18	4/22	4/25	4/28	5/ 1	5/ 4	5/ 8	5/13	5/29/1947	79	5/29/1947
24	3/17/1978	4/ 1	4/ 6	4/10	4/13	4/16	4/19	4/22	4/26	5/ 1	5/14/1912	77	5/14/1912
20	3/ 8/1967	3/22	3/27	4/ 1	4/ 4	4/ 7	4/11	4/14	4/18	4/24	5/ 6/1917	75	5/ 6/1917
16	3/ 4/1978	3/15	3/21	3/25	3/29	4/ 2	4/ 5	4/ 9	4/13	4/19	5/ 6/1917	73	5/ 6/1917
Probability first autumn frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs	Longest
36	8/22/1904	9/ 7	9/11	9/14	9/17	9/20	9/22	9/25	9/28	10/ 3	10/14/1963	81	10/14/1963
32	8/25/1910	9/13	9/18	9/22	9/25	9/28	10/ 1	10/ 4	10/ 8	10/13	10/23/1972	80	10/23/1972
28	9/ 9/1929	9/23	9/28	10/ 2	10/ 5	10/ 8	10/11	10/14	10/18	10/23	11/ 1/1963	79	11/ 1/1963
24	9/12/1902	10/ 4	10/10	10/13	10/17	10/19	10/22	10/26	10/29	11/ 3	11/11/1965	77	11/11/1965
20	9/25/1926	10/15	10/20	10/24	10/27	10/30	11/ 2	11/ 5	11/ 9	11/14	11/22/1965	75	11/22/1965
16	10/ 9/1909	10/24	10/29	11/ 1	11/ 4	11/ 7	11/ 9	11/12	11/15	11/20	11/29/1963	73	11/29/1963



SUMMARY OF MONTHLY CLIMATIC DATA FOR FORT COLLINS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 53005 DIVISION 4

LATITUDE - 40 35 LONGITUDE - 105 5 ELEVATION - 5000 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	40.9	44.5	50.7	60.7	69.4	79.4	85.9	83.6	75.4	64.8	50.9	43.3	62.4
	MAX.	52.2	58.9	60.9	69.3	76.3	87.6	91.2	87.8	82.0	71.8	63.9	53.1	66.8
	YEAR	1953	1954	1986	1946	1934	1956	1954	1937	1948	1950	1949	1980	1954
	MIN.	24.7	32.5	39.9	50.9	57.8	71.1	79.5	80.0	64.9	50.9	39.5	29.0	59.8
	YEAR	1937	1942	1965	1957	1935	1945	1950	1977	1965	1969	1985	1983	1951
YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	58.	58.	
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	13.1	17.5	23.8	33.1	42.5	51.0	56.6	54.7	45.3	34.7	23.2	16.3	34.3
	MAX.	22.1	23.6	32.0	39.2	46.4	56.7	60.5	60.1	51.8	39.9	28.4	24.5	37.5
	YEAR	1986	1954	1986	1981	1977	1966	1983	1940	1957	1981+	1980+	1980+	1981
	MIN.	-3.3	4.9	14.3	26.7	38.1	45.4	53.5	49.3	39.7	29.4	16.1	0.9	31.6
	YEAR	1937	1942	1965	1945	1950	1951	1942	1950	1934	1969	1952	1932	1951
YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	58.	58.	
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	27.0	31.0	37.3	46.9	55.9	65.2	71.3	69.2	60.4	49.8	37.0	29.8	48.4
	MAX.	36.9	41.3	46.5	54.2	61.0	71.3	74.8	73.8	64.6	54.7	45.9	38.8	51.2
	YEAR	1953	1954	1986	1981	1934	1977	1966	1983	1981+	1963	1949	1980	1981
	MIN.	10.7	18.7	27.1	39.6	48.9	58.6	66.8	65.4	52.9	40.2	28.8	15.4	45.7
	YEAR	1937	1942	1965	1945	1935	1945	1950	1950	1965	1969	1985	1932	1951
YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	58.	58.	
DEGREE DAYS (BASE 65F)	AVE.	1153.5	929.9	844.7	536.1	269.3	65.0	5.6	12.7	159.1	465.7	832.4	1082.3	6356.4
	MAX.	1525	1233	1165	743	389	195	42	49	357	763	1078	1434	7223
	YEAR	1962	1956	1965	1957	1983	1951	1972	1964	1965	1969	1985	1983	1951
	MIN.	866	658	568	318	153	0	0	0	43	313	659	804	5452
	YEAR	1953	1954	1986	1981	1974	1977	1989+	1986+	1981	1963	1981	1980	1981
YEARS OF RECORD	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.	0.	0.0	4.2	9.5	5.4	1.2	0.	0.	0.	20.4
	MAX.	0	0	0	0	1	11	23	15	6	0	0	0	45
	YEAR	1948	1948	1948	1948	1989+	1980	1954	1960	1960+	1948	1948	1948	1960
	MIN.	0	0	0	0	0	0	3	0	0	0	0	0	6
	YEAR	1989+	1989+	1989+	1989+	1988+	1984+	1970+	1989	1989+	1989+	1989+	1989+	1967
YEARS OF RECORD	41.	41.	41.	41.	41.	42.	41.	41.	42.	41.	41.	41.	41.	
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	7.9	4.5	2.9	0.4	0.0	0.	0.	0.	0.0	0.2	2.3	5.5	23.8
	MAX.	21	12	9	4	1	0	0	0	1	2	11	16	39
	YEAR	1979+	1978	1965+	1959	1954	1948	1948	1948	1985	1969	1985	1983	1949
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	8
	YEAR	1986	1984+	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1957	1986
YEARS OF RECORD	42.	41.	42.	41.	41.	41.	41.	41.	41.	41.	42.	42.	41.	
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	30.3	26.6	26.3	13.2	1.9	0.	0.	0.	1.0	11.4	25.7	30.1	166.4
	MAX.	31	29	31	21	6	0	0	0	6	23	30	31	189
	YEAR	1988+	1964+	1965+	1968	1979+	1948	1948	1948	1985+	1952	1979+	1988+	1952
	MIN.	28	20	18	4	0	0	0	0	0	4	21	27	141
	YEAR	1987+	1986	1986	1978	1987+	1989+	1989+	1989+	1989+	1974+	1981	1977+	1986
YEARS OF RECORD	42.	42.	42.	42.	42.	41.	41.	41.	41.	42.	42.	42.	41.	
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	4.8	2.4	0.8	0.1	0.	0.	0.	0.	0.	0.5	2.5	11.1	
	MAX.	16	11	7	3	0	0	0	0	0	5	12	26	
	YEAR	1962+	1956	1948	1959	1948	1948	1948	1948	1948	1952	1972	1948	
	MIN.	0	0	0	0	0	0	0	0	0	0	0	2	
	YEAR	1989+	1988+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1984+	1970
YEARS OF RECORD	42.	42.	42.	41.	41.	41.	41.	41.	41.	41.	42.	42.	41.	
HIGHEST TEMPERATURE (F)	TEMP	71	76	80	88	91	102	102	99	95	87	79	76	
	YEAR AND DAY	198226	198625	197830+198921	198923	195423	195411	196908	195906+196703	193406	193911			
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.			
LOWEST TEMPERATURE (F)	TEMP	-32	-41	-31	-10	22	29	40	39	18	6	-17	-30	
	YEAR AND DAY	196210	195101	194306	194504	194806	194713	195208	196430+198530	194817	195102	193212		
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.			

SUMMARY OF MONTHLY CLIMATIC DATA FOR FORT COLLINS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 53005 DIVISION 4

LATITUDE - 40 35 LONGITUDE - 105 5 ELEVATION - 5000 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
MONTHLY PRECIPITATION (IN)	AVE.	0.40	0.44	1.07	1.82	2.79	1.84	1.49	1.39	1.25	1.03	0.59	0.47	14.59	
	MAX.	1.17	1.28	3.38	5.50	7.06	6.31	5.86	7.39	7.35	6.70	2.29	1.52	28.42	
	YEAR	1962	1987	1961	1942	1961	1949	1977	1951	1938	1942	1973	1979+	1979+	1961
	MIN.	0.	0.02	0.01	0.22	0.01	0.05	0.	0.03	0.01	0.	0.	0.	0.	7.34
	YEAR	1931	1973+	1966	1955	1974	1933	1939	1960	1932	1934+	1965+	1959+	1959+	1966
YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	
GREATEST DAILY PRECIP (IN)	AMOUNT	0.86	0.52	1.26	2.18	3.21	3.54	4.43	3.06	1.62	1.67	1.26	1.00		
	YEAR AND DAY	196208	198007	197918	195702	196113	194904	197725	195103	197117	195105	197920	198509		
	YEARS OF RECORD	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.		
MONTHLY SNOWFALL (IN)	AVE.	7.2	6.5	11.2	6.8	1.3	0.0	0.	0.	0.6	2.6	6.7	6.9	49.9	
	MAX.	19.3	16.7	39.6	34.1	27.8	0.5	0.	0.	15.0	14.7	29.1	20.7	107.2	
	YEAR	1980	1989	1988	1945	1978	1947	1931	1931	1971	1969	1979	1979	1979	
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.7	
	YEAR	1934+	1970+	1966	1969+	1988+	1989+	1989+	1989+	1988+	1988+	1965+	1959+	1959+	1934
YEARS OF RECORD	59.	59.	57.	59.	58.	58.	59.	59.	59.	57.	59.	59.	59.	54.	
GRST DEPTH SNOW ON GRND IN MON (IN)		13	12	17	18	4	0	0	0	10	12	18	16		
	YEAR AND DAY	196208	198008	195614	195702	0	0	0	0	197117	196912	197920	0		
	YEARS OF RECORD	39.	37.	39.	28.	38.	42.	42.	42.	41.	37.	36.	37.		
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.	AVE.	2.0	1.7	4.1	4.5	5.9	4.8	4.5	3.9	3.2	2.8	2.3	1.8	41.9	
	MAX.	9	7	11	10	12	16	16	14	10	9	8	8	110	
	YEAR	1948	1948	1951	1953+	1952+	1951	1950	1951	1950	1949	1952	1951	1951	
	MIN.	0	0	0	1	0	0	0	0	0	0	0	0	21	
	YEAR	1983+	1986+	1966	1963+	1974	1980+	1963	1960	1978+	1988+	1988+	1986+	1977	
YEARS OF RECORD	42.	42.	42.	42.	42.	42.	42.	42.	42.	41.	42.	42.	41.		
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.	AVE.	0.1	0.0	0.6	1.0	1.6	1.1	0.8	0.6	0.7	0.8	0.3	0.2	7.9	
	MAX.	1	1	3	4	5	5	3	3	5	4	3	2	19	
	YEAR	1981+	1980+	1988+	1983+	1957	1949	1982+	1979	1961	1969	1973	1948	1949	
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	2	
	YEAR	1989+	1989+	1989+	1988+	1985+	1981+	1988+	1989+	1987+	1989+	1989+	1989+	1966+	
YEARS OF RECORD	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.		
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.	AVE.	0.	0.	0.1	0.3	0.7	0.3	0.3	0.2	0.1	0.1	0.0	0.0	2.1	
	MAX.	0	0	1	2	3	1	2	2	1	2	1	1	6	
	YEAR	1948	1948	1987+	1971	1978+	1987+	1982+	1951	1989+	1969	1979	1985	1979+	
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	YEAR	1989+	1989+	1989+	1989+	1987+	1989+	1989+	1989+	1987+	1989+	1989+	1989+	1986+	
YEARS OF RECORD	41.	41.	41.	41.	42.	41.	41.	41.	41.	41.	41.	41.	41.		
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.	0.0	0.0	0.	0.0	0.	0.	0.	0.	0.	0.1	
	MAX.	0	0	0	1	1	0	1	0	0	0	0	0	1	
	YEAR	1956	1956	1956	1964	1958	1956	1962	1956	1956	1956	1956	1956	1964+	
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	YEAR	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	
YEARS OF RECORD	25.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	25.	26.	24.	
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.															
NO. OF DAYS WITH SNOW ON GROUND AVE. (GTR OR EQ 1 INCH ON GROUND)	AVE.	14.1	7.5	5.8	2.0	0.1	0.	0.	0.	0.2	1.0	5.3	11.7	46.8	
	MAX.	31	27	14	6	2	0	0	0	3	8	22	31	99	
	YEAR	1980	1980	1988	1983	1979	1963	1963	1963	1971	1969	1985	1985	1985	
	MIN.	0	0	0	0	0	0	0	0	0	0	0	1	26	
	YEAR	1983	1983+	1986+	1985+	1989+	1989+	1989+	1989+	1989+	1988+	1988+	1980+	1982+	
YEARS OF RECORD	24.	25.	25.	25.	25.	27.	27.	27.	27.	27.	26.	23.	16.		

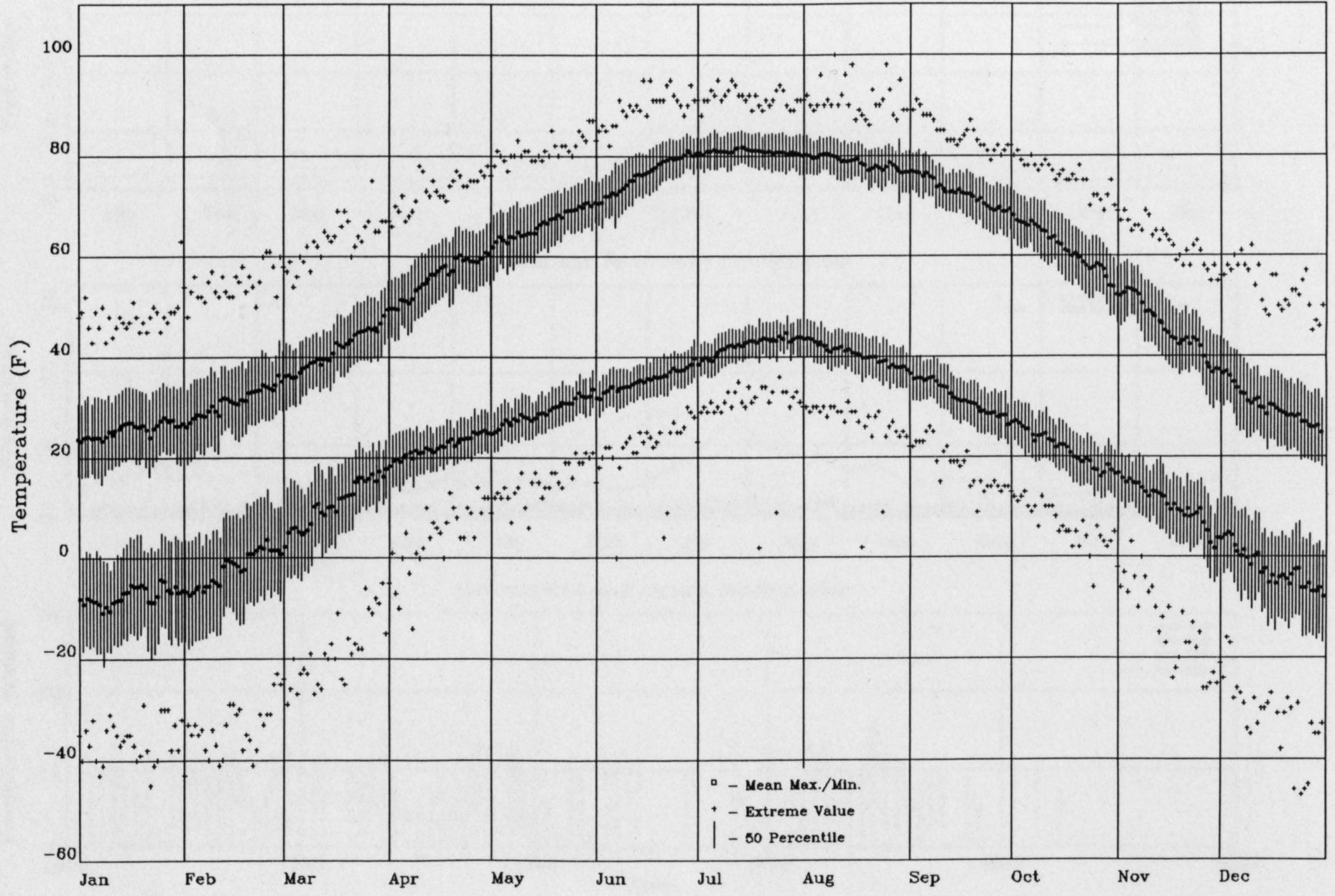
# GUNNISON

Record: 89 years ending in 1989

Lat 38 32

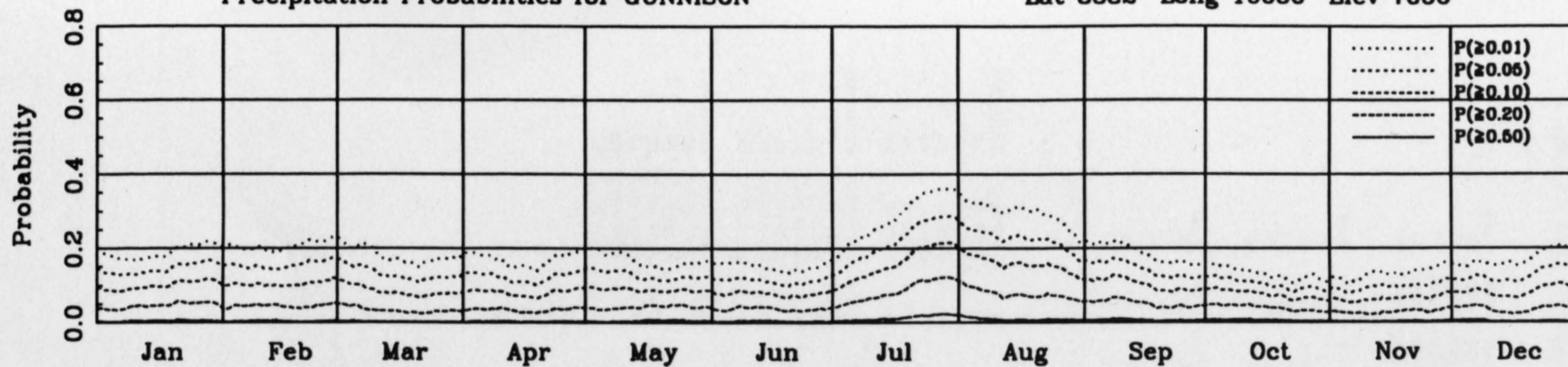
Long 106 56

Elev 7860

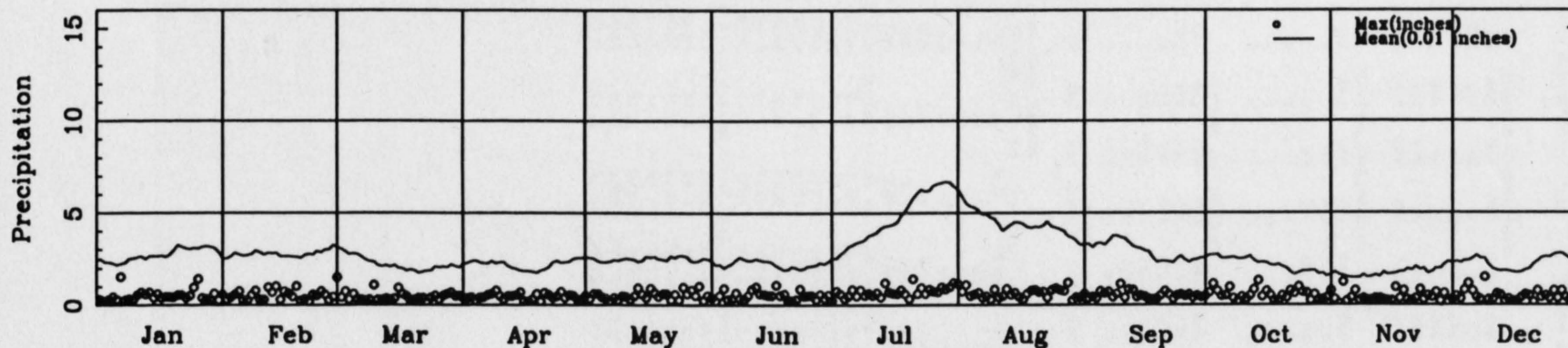


Precipitation Probabilities for GUNNISON

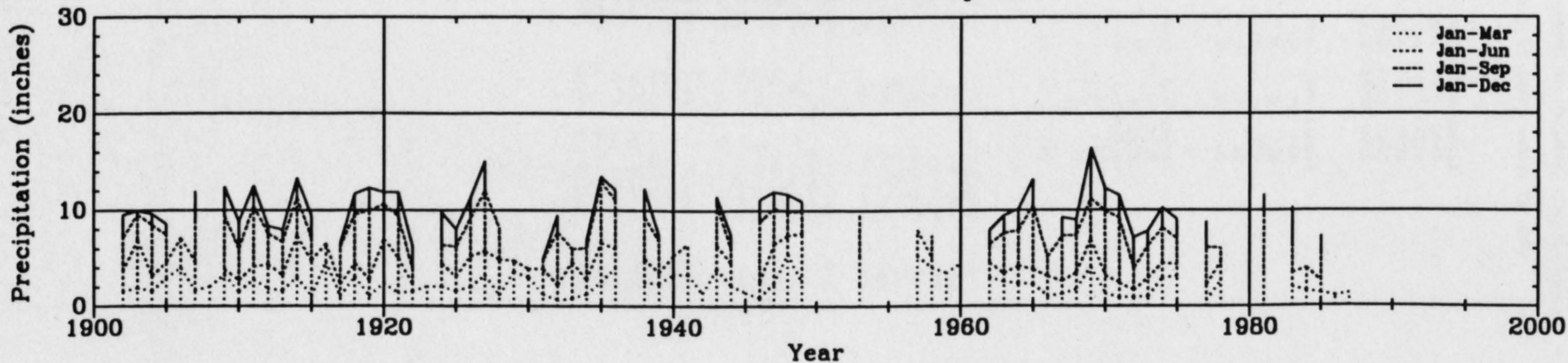
Lat 3832 Long 10656 Elev 7660



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Latitude: 38 32 Longitude: 106 56 Elevation: 7660 Period of Record: 89 years ending in 1989

**Heating Degree Days**

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
50	1251	991	732	323	105	10	0	1	30	254	644	1102	5443
55	1405	1131	887	470	224	45	2	7	101	403	794	1255	6725
57	1467	1188	949	530	282	74	4	17	146	464	854	1317	7290
60	1560	1272	1041	619	372	134	18	49	226	557	943	1409	8201
65	1714	1412	1196	768	527	269	105	162	372	711	1093	1563	9892

**Cooling Degree Days**

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
55	0	0	0	0	7	77	213	157	28	1	0	0	482
57	0	0	0	0	2	45	154	105	13	0	0	0	320
60	0	0	0	0	0	16	75	45	3	0	0	0	139
65	0	0	0	0	0	1	8	4	0	0	0	0	13
70	0	0	0	0	0	0	0	0	0	0	0	0	0

**Growing Degree Days**

Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
40	0	0	4	67	257	481	674	612	375	112	3	0	2586
45	0	0	0	16	130	332	520	458	231	35	0	0	1724
50	0	0	0	1	43	191	366	305	105	6	0	0	1017
55	0	0	0	0	7	77	213	157	28	1	0	0	482
60	0	0	0	0	0	16	75	45	3	0	0	0	139

Corn GDD 0 1 15 112 256 391 474 443 339 195 34 1 2261

**Growing Season**

Probability length will be less than

Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Longest	Yrs.
36	0/1902	5	13	18	23	28	33	38	43	52	71/1940	82
32	0/1945	29	38	45	50	55	61	66	73	82	98/1919	76
28	0/1945	64	73	79	84	89	94	99	105	114	120/1958	73
24	0/1945	88	98	105	110	116	121	127	134	143	148/1935	71
20	0/1945	107	118	125	132	138	145	151	159	170	178/1949	69
16	0/1945	128	139	148	155	162	169	176	185	196	201/1902	66

Probability last spring frost will be before

Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	6/17/1940	6/29	7/ 2	7/ 4	7/ 7	7/ 9	7/11	7/13	7/15	7/19	7/19/1902	82
32	6/ 2/1949	6/15	6/19	6/22	6/25	6/27	6/30	7/ 2	7/ 5	7/10	7/19/1945	76
28	5/12/1928	5/25	5/31	6/ 4	6/ 7	6/10	6/13	6/16	6/20	6/26	7/19/1945	73
24	4/23/1941	5/ 6	5/13	5/17	5/21	5/25	5/29	6/ 2	6/ 6	6/13	7/19/1945	71
20	4/16/1926	4/23	4/30	5/ 4	5/ 8	5/12	5/16	5/20	5/25	5/31	7/19/1945	69
16	3/28/1948	4/ 5	4/12	4/18	4/23	4/27	5/ 2	5/ 6	5/12	5/20	7/19/1945	66

Probability first autumn frost will be before

Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	7/19/1902	7/19	7/25	7/29	8/ 2	8/ 6	8/ 9	8/13	8/18	8/24	9/10/1909	82
32	7/19/1945	8/ 1	8/ 8	8/13	8/18	8/22	8/26	8/30	9/ 4	9/11	9/23/1969	76
28	7/19/1945	8/20	8/26	8/31	9/ 4	9/ 7	9/11	9/14	9/19	9/25	10/ 2/1940	73
24	7/19/1945	8/31	9/ 6	9/11	9/14	9/18	9/21	9/25	9/29	10/ 5	10/ 9/1938	71
20	7/19/1945	9/ 8	9/15	9/20	9/24	9/27	10/ 1	10/ 5	10/10	10/17	10/24/1972	69
16	7/19/1945	9/14	9/21	9/27	10/ 2	10/ 6	10/11	10/15	10/21	10/29	11/ 2/1963	66

SUMMARY OF MONTHLY CLIMATIC DATA FOR GUNNISON COLORADO FOR YEARS 1888-1989 SUBSTATION NO. 53662 DIVISION 2

LATITUDE - 38 32 LONGITUDE - 106 56 ELEVATION - 7660 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	25.7	31.1	41.2	55.9	66.4	76.3	80.9	78.7	72.7	61.9	45.8	30.0	55.5
	MAX.	40.5	48.5	56.8	63.8	75.0	83.2	85.9	86.5	79.9	71.8	56.1	47.9	60.6
	YEAR	1981	1954	1934	1954	1900	1898	1938	1931	1948	1950	1939	1939	1954
	MIN.	8.1	16.9	31.0	46.0	58.4	69.9	70.2	59.7	60.3	47.3	35.1	16.0	50.5
	YEAR	1984	1929	1929	1984	1907	1969	1929	1927	1927	1969	1930	1928	1984
YEARS OF RECORD	91.	91.	88.	88.	88.	88.	88.	88.	87.	86.	86.	88.	88.	78.
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	-7.6	-2.0	10.9	22.2	29.1	35.6	42.4	40.6	31.8	21.6	10.6	-2.5	19.4
	MAX.	5.4	16.1	22.3	28.2	34.5	41.1	47.1	46.4	41.5	31.7	17.5	10.6	24.0
	YEAR	1980	1934	1907	1926+	1928	1914	1914	1909	1911	1972	1910	1980	1981
	MIN.	-22.3	-18.1	-3.4	16.0	24.1	28.9	38.3	34.0	26.4	11.9	-3.1	-16.0	13.7
	YEAR	1919	1974	1914	1968	1911	1908	1948	1950	1975	1975	1930	1898	1975
YEARS OF RECORD	91.	91.	88.	89.	89.	88.	88.	88.	87.	86.	87.	86.	89.	80.
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	9.1	14.5	26.1	39.0	47.8	56.0	61.7	59.7	52.3	41.7	28.2	13.7	37.5
	MAX.	21.8	31.5	38.0	44.0	53.4	61.8	65.0	63.7	57.2	46.7	35.4	27.5	41.9
	YEAR	1981	1934	1934	1915	1934	1898	1919	1934	1940	1963	1913	1980	1981
	MIN.	-4.8	-0.4	15.0	32.1	42.3	50.8	57.6	49.7	46.2	34.6	16.0	1.2	32.8
	YEAR	1984	1974	1914	1984	1907	1908	1929	1912	1912	1969	1930	1898	1975
YEARS OF RECORD	91.	91.	88.	88.	88.	88.	88.	88.	87.	86.	86.	85.	88.	77.
DEGREE DAYS (BASE 65F)	AVE.	1705.7	1415.3	1194.7	799.1	533.4	263.4	98.7	168.9	379.8	712.2	1105.2	1566.9	9966.8
	MAX.	2169	1834	1512	981	694	367	174	281	484	935	1361	1905	11618
	YEAR	1984	1974	1962	1984	1957	1975	1962	1976	1968	1969	1951	1978	1975
	MIN.	1331	978	917	640	408	148	38	59	291	563	926	1159	8331
	YEAR	1981	1954	1972	1981	1954	1956	1954	1983	1983	1963	1954	1980	1981
YEARS OF RECORD	38.	38.	38.	38.	37.	36.	37.	36.	37.	37.	37.	38.	38.	35.
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.	0.	0.	0.2	0.6	0.3	0.	0.	0.	0.	1.1
	MAX.	0	0	0	0	0	5	6	5	0	0	0	0	9
	YEAR	1948	1948	1948	1948	1948	1954	1989	1958	1948	1948	1948	1948	1954
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1986+	1989+	1989+	1989+	1989+	1989+	1986+
YEARS OF RECORD	40.	40.	40.	40.	39.	38.	39.	38.	39.	39.	39.	40.	40.	37.
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	20.9	14.6	5.1	0.3	0.	0.	0.	0.	0.	0.1	3.9	18.1	63.2
	MAX.	31	28	17	2	0	0	0	0	0	1	15	29	97
	YEAR	1984+	1974	1969	1975	1948	1948	1948	1948	1948	1984+	1951	1975	1952
	MIN.	2	1	0	0	0	0	0	0	0	0	0	1	18
	YEAR	1981	1954	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1963+	1980	1981
YEARS OF RECORD	41.	41.	41.	40.	39.	38.	39.	38.	39.	39.	41.	41.	37.	
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	31.0	28.2	30.9	28.8	22.4	8.9	0.6	4.3	17.3	27.9	29.8	31.0	261.4
	MAX.	31	29	31	30	28	20	3	13	26	31	30	31	288
	YEAR	1989+	1984+	1989+	1989+	1950	1975	1978+	1975	1968	1980+	1989+	1989+	1975
	MIN.	30	25	29	26	16	1	0	0	5	17	29	30	233
	YEAR	1965+	1986	1971	1949	1981	1972	1989+	1986+	1982	1972	1980+	1958	1972
YEARS OF RECORD	41.	41.	41.	41.	40.	39.	40.	38.	40.	40.	41.	41.	37.	
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	21.2	15.6	5.4	0.1	0.	0.	0.	0.	0.0	4.1	18.2	65.4	
	MAX.	31	25	17	1	0	0	0	0	0	1	16	28	
	YEAR	1966	1974+	1956	1980+	1948	1948	1948	1948	1948	1975	1956	1975	1975
	MIN.	11	0	0	0	0	0	0	0	0	0	0	0	33
	YEAR	1971	1954	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1970+	1980	1981
YEARS OF RECORD	41.	41.	41.	40.	39.	38.	39.	38.	39.	39.	41.	41.	37.	
HIGHEST TEMPERATURE (F)	TEMP	63	61	75	78	87	99	95	104	91	82	69	62	
	YEAR AND DAY	195431	190425	192827	198130	195631	191305	193911	193116	193003	193801	195203	193910	
	YEARS OF RECORD	91.	91.	88.	88.	88.	88.	88.	87.	85.	85.	85.	87.	
LOWEST TEMPERATURE (F)	TEMP	-45	-43	-29	-14	7	15	23	24	9	-6	-26	-47	
	YEAR AND DAY	193022	191601	190302	197308	196807	191901	196801	198021	197821	197525	197526	192425	
	YEARS OF RECORD	91.	91.	88.	89.	89.	88.	88.	86.	85.	86.	85.	88.	

SUMMARY OF MONTHLY CLIMATIC DATA FOR GUNNISON

COLORADO

FOR YEARS 1888-1989

SUBSTATION NO. 53662 DIVISION 2

LATITUDE - 38 32 LONGITUDE - 106 56 ELEVATION - 7660 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	0.83	0.77	0.70	0.69	0.76	0.67	1.47	1.44	0.89	0.71	0.59	0.74	10.34
	MAX.	3.52	2.61	3.31	3.10	2.72	2.95	4.21	3.61	3.32	4.13	3.60	2.91	17.75
	YEAR	1956	1936	1961	1889	1914	1949	1911	1971	1970+	1969	1889	1951	1959
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.14	0.	0.	0.	0.	6.22
	YEAR	1931	1972+	1977+	1901+	1932+	1961+	1900	1985	1932	1952+	1947+	1982+	1922
YEARS OF RECORD		95.	96.	96.	96.	95.	94.	97.	95.	96.	95.	96.	94.	89.
GREATEST DAILY PRECIP (IN)	AMOUNT	0.97	0.78	1.50	0.79	0.95	1.10	1.24	1.21	1.16	1.14	1.25	1.50	
	YEAR AND DAY	196925	196209	194801	190309	190625	191217	191914	197128	191810	196903	195904	198609	
	YEARS OF RECORD		71.	71.	68.	69.	71.	69.	72.	68.	69.	70.	68.	66.
MONTHLY SNOWFALL (IN)	AVE.	12.6	10.9	7.6	3.6	0.7	0.1	0.	0.	0.2	1.4	5.5	10.9	52.8
	MAX.	50.2	34.8	26.0	16.0	7.0	5.5	0.	0.	7.0	24.0	21.0	37.8	97.5
	YEAR	1957	1936	1943	1933	1915	1928	1898	1898	1912	1969	1975	1983	1916
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.6
	YEAR	1931	1972+	1979+	1982+	1989+	1989+	1989+	1989+	1989+	1988+	1988+	1982+	1934
YEARS OF RECORD		88.	85.	82.	80.	85.	86.	89.	87.	82.	82.	82.	84.	55.
GRSTST DEPTH SNOW ON GRND IN MON (IN)		24	27	25	5	0	0	0	0	0	9	16	24	
	YEAR AND DAY	197509	0	198403	194826	0	0	0	0	0	196916	0	198325	
	YEARS OF RECORD		28.	28.	20.	16.	30.	37.	39.	38.	35.	28.	22.	24.
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.		4.6	4.6	4.2	3.9	3.8	3.4	7.2	7.6	4.5	3.4	3.0	4.5	58.7
	MAX.	16	11	13	11	12	12	18	20	12	13	10	11	97
	YEAR	1918	1929+	1906	1920+	1928	1949+	1923+	1904	1927	1916	1915	1922+	1927
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	23
	YEAR	1981	1987+	1986+	1989+	1974+	1980+	1979	1985+	1979+	1976+	1989+	1982+	1989
YEARS OF RECORD		73.	71.	70.	72.	72.	69.	71.	69.	69.	71.	70.	69.	54.
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.		0.3	0.3	0.3	0.2	0.2	0.2	0.6	0.4	0.2	0.3	0.2	0.1	3.5
	MAX.	3	4	5	2	2	3	3	2	3	4	2	2	21
	YEAR	1948	1948	1948	1961+	1949	1949	1965+	1986+	1970	1969	1965	1948	1948
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1987+	1989+	1989+	1989+	1989+	1989+	1985+	1989+	1989+	1989+	1989+	1983+
YEARS OF RECORD		38.	39.	39.	40.	39.	38.	39.	37.	39.	38.	38.	36.	29.
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.		0.	0.	0.1	0.	0.	0.	0.0	0.1	0.	0.0	0.0	0.0	0.2
	MAX.	0	0	1	0	0	0	1	1	0	1	1	1	1
	YEAR	1948	1948	1955+	1948	1948	1948	1952	1989+	1948	1969	1959	1986	1989+
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1986+	1989+	1989+	1989+	1989+	1985+
YEARS OF RECORD		38.	39.	40.	40.	39.	38.	39.	37.	39.	39.	40.	38.	33.
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.	0.2	0.1	0.1	0.0	0.2	0.0	0.	0.	0.0	0.8
	MAX.	0	0	0	3	2	2	1	1	1	0	0	1	5
	YEAR	1956	1956	1956	1977	1981	1981	1965	1981+	1963	1956	1956	1964	1981
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1980+	1980+	1981+	1980+	1981+	1981+	1981+	1981+	1980+
YEARS OF RECORD		26.	26.	26.	26.	26.	26.	26.	25.	25.	25.	26.	26.	25.
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND (GTR OR EQ 1 INCH ON GROUND)	AVE.	25.5	21.0	9.8	0.4	0.	0.	0.	0.	0.	0.7	3.9	18.4	84.0
	MAX.	31	29	31	3	0	0	0	0	0	8	13	31	129
	YEAR	1986+	1984+	1969	1973	1963	1963	1963	1963	1963	1969	1975	1985+	1969
	MIN.	1	1	0	0	0	0	0	0	0	0	0	0	40
	YEAR	1983+	1967	1986+	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1982+	1963
YEARS OF RECORD		22.	24.	24.	19.	24.	23.	25.	25.	25.	23.	22.	22.	12.

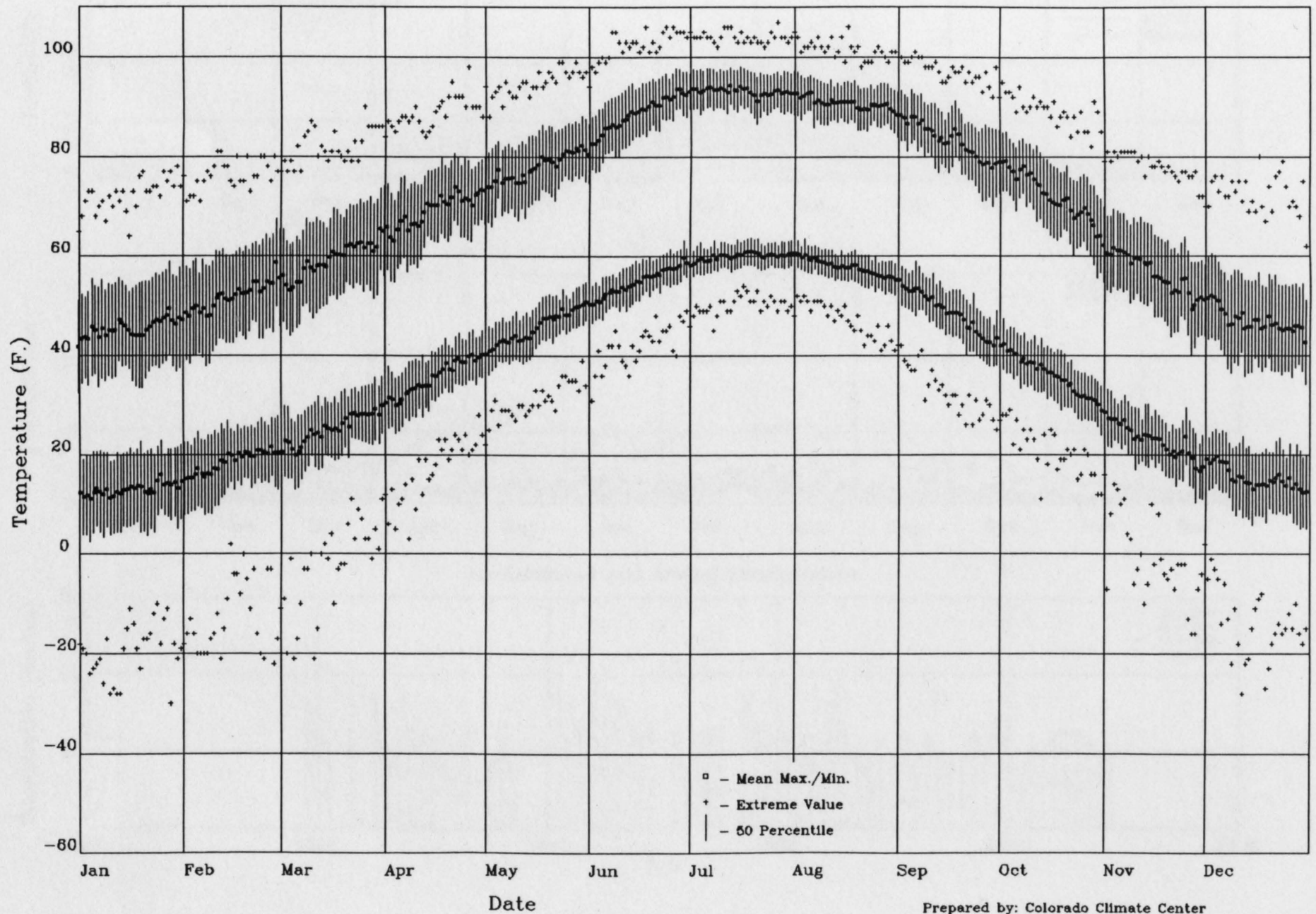
# ROCKY FORD 2 SE

Record: 72 years ending in 1989

Lat 38 2

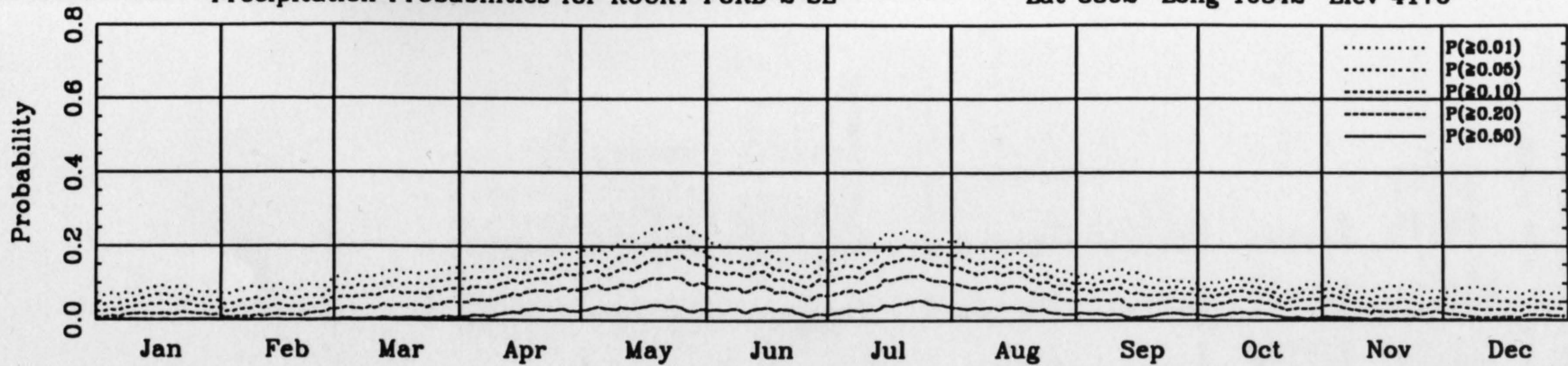
Long 103 42

Elev 4170

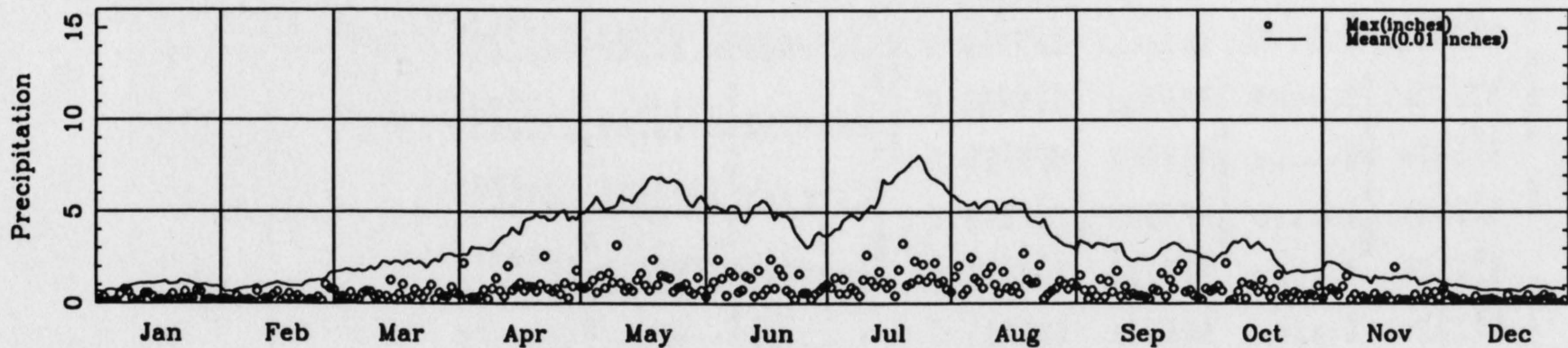


Prepared by: Colorado Climate Center

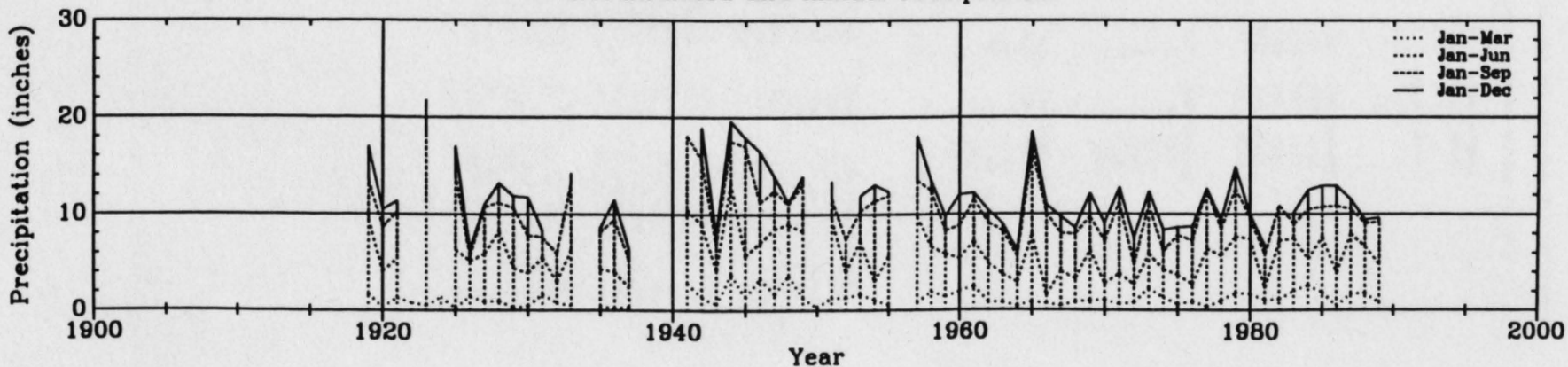




Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Temperature Summary for ROCKY FORD 2 SE

57167

Prepared by: Colorado Climate Center

Latitude: 38 2 Longitude: 103 42 Elevation: 4170 Period of Record: 72 years ending in 1989

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean Max.	45.5	51.5	59.2	69.1	77.8	88.5	93.2	90.8	83.5	72.4	56.8	47.2	69.6
Std. Dev.	6.5	6.3	5.3	4.3	3.2	3.3	2.3	2.5	2.9	4.1	4.7	5.4	
Mean Min.	13.0	18.5	25.2	35.5	45.7	54.9	60.0	57.9	48.8	36.1	22.9	15.4	36.2
Std. Dev.	4.9	3.9	3.4	2.7	2.2	2.0	1.5	1.7	2.5	2.6	2.5	3.6	
Num. Yrs.	72	72	72	72	72	72	72	71	71	72	72	72	

Heating Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
50	635	420	266	72	7	0	0	0	4	45	309	573	2331
55	789	557	398	141	24	1	0	0	10	103	450	727	3198
57	850	613	456	178	37	1	0	0	14	137	508	789	3584
60	943	698	546	244	64	4	0	0	26	200	598	881	4205
65	1098	839	700	376	141	15	0	1	66	332	747	1036	5351

Cooling Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
55	0	1	9	68	241	508	677	608	353	87	2	0	2554
57	0	0	5	46	192	449	615	546	297	59	1	0	2210
60	0	0	2	22	127	361	522	453	219	29	0	0	1736
65	0	0	0	5	48	223	367	300	108	6	0	0	1057
70	0	0	0	0	11	108	215	154	37	1	0	0	526

Growing Degree Days													
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
40	21	52	165	390	683	957	1142	1073	793	454	108	26	5864
45	5	16	80	260	530	807	987	918	644	311	43	7	4609
50	1	4	31	149	380	657	832	763	497	184	12	1	3511
55	0	1	9	68	241	508	677	608	353	87	2	0	2554
60	0	0	2	22	127	361	522	453	219	29	0	0	1736

Corn GDD	53	90	178	294	437	588	706	668	508	352	141	60	4075
----------	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----	------

Growing Season													
Probability length will be less than													
Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	
36	94/1926	118	125	129	134	137	141	146	150	157	178/1963	69	
32	113/1919	137	144	148	152	156	159	163	168	174	193/1957	69	
28	147/1970	161	167	172	176	179	183	186	191	197	209/1960	69	
24	160/1932	181	186	191	194	198	201	204	209	214	224/1934	69	
20	178/1966	197	204	209	213	217	221	226	230	237	254/1985	68	
16	199/1975	210	218	224	228	233	238	243	248	256	262/1918	61	
Probability last spring frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	
36	4/21/1939	4/29	5/ 4	5/ 7	5/10	5/13	5/15	5/18	5/21	5/26	6/13/1926	69	
32	4/ 5/1930	4/19	4/23	4/26	4/29	5/ 2	5/ 4	5/ 7	5/10	5/15	6/ 2/1919	69	
28	3/25/1943	4/ 5	4/10	4/13	4/16	4/18	4/21	4/24	4/27	5/ 2	5/13/1966	69	
24	3/24/1927	3/30	4/ 3	4/ 6	4/ 8	4/11	4/13	4/15	4/18	4/22	5/ 1/1967	69	
20	3/ 6/1985	3/17	3/22	3/25	3/28	3/31	4/ 3	4/ 6	4/ 9	4/14	4/26/1931	68	
16	3/ 1/1918	3/ 8	3/13	3/17	3/21	3/24	3/27	3/31	4/ 4	4/ 9	4/15/1961	61	
Probability first autumn frost will be before													
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs.	
36	9/ 9/1941	9/15	9/19	9/22	9/25	9/27	9/29	10/ 2	10/ 5	10/ 9	10/25/1963	69	
32	9/ 9/1941	9/21	9/26	9/29	10/ 2	10/ 4	10/ 7	10/10	10/13	10/18	11/ 1/1963	69	
28	9/19/1971	10/ 1	10/ 6	10/ 9	10/12	10/15	10/17	10/20	10/23	10/28	11/ 3/1944	69	
24	10/ 5/1932	10/13	10/17	10/20	10/23	10/25	10/27	10/30	11/ 2	11/ 6	11/15/1944	69	
20	10/12/1977	10/22	10/26	10/29	11/ 1	11/ 3	11/ 6	11/ 9	11/12	11/16	11/23/1963	68	
16	10/13/1969	10/29	11/ 3	11/ 7	11/ 9	11/12	11/15	11/18	11/21	11/26	12/ 2/1949	61	

SUMMARY OF MONTHLY CLIMATIC DATA FOR ROCKY FORD 2 SE COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 57167 DIVISION 1

LATITUDE - 38 2 LONGITUDE - 103 42 ELEVATION - 4170 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	45.8	51.4	59.2	69.6	78.2	88.9	93.7	91.2	83.8	72.9	57.1	47.9	70.0
	MAX.	60.1	65.9	69.6	78.4	85.0	95.3	98.8	95.7	89.5	80.8	67.6	58.7	74.0
	YEAR	1986	1954	1972	1981	1966	1952	1934	1983	1983+	1950	1949	1957	1954
	MIN.	29.8	34.8	45.7	60.7	67.9	81.4	88.4	84.0	78.6	61.3	43.7	32.6	67.4
	YEAR	1940	1960	1958	1944	1935	1951	1950	1933	1950	1969	1946	1983	1985
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	58.	59.	59.	59.	59.	58.
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	13.1	18.3	25.0	35.5	45.7	54.8	59.9	57.8	48.7	35.8	22.8	15.7	36.1
	MAX.	22.4	25.9	30.3	41.8	51.1	58.0	63.5	61.1	54.6	42.2	28.0	23.6	38.6
	YEAR	1941	1931	1974	1946	1941	1953	1966	1943	1940	1963	1981	1933	1941
	MIN.	2.2	8.6	16.8	30.4	40.8	50.7	56.7	54.3	44.2	30.5	18.3	6.1	33.5
	YEAR	1963	1936	1969	1968	1968	1951	1961	1967+	1965	1943	1947	1932	1968
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	58.	59.	59.	59.	59.	58.
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	29.5	34.9	42.2	52.6	61.9	71.8	76.8	74.5	66.3	54.3	40.0	31.8	53.1
	MAX.	40.1	44.6	49.4	59.2	66.1	76.4	80.6	78.2	70.9	60.9	47.2	39.3	55.6
	YEAR	1986	1954	1972	1946	1934	1952	1934	1983	1931	1963	1949	1980	1954
	MIN.	16.6	22.6	33.1	46.6	56.2	66.1	73.5	70.9	61.6	47.2	31.3	20.3	51.3
	YEAR	1940	1960	1969+	1944	1935	1951	1944	1950	1965	1969	1946	1983	1960
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	58.	59.	59.	59.	59.	58.
DEGREE DAYS (BASE 65F)	AVE.	1095.2	842.2	696.4	368.9	132.5	13.3	0.3	1.4	65.0	331.4	739.4	1024.6	5310.8
	MAX.	1460	1222	983	531	253	54	8	11	160	550	988	1380	5962
	YEAR	1979	1960	1969+	1973	1953	1951	1972	1967	1971	1969	1972	1983	1960
	MIN.	771	567	480	191	37	0	0	0	13	138	589	788	4572
	YEAR	1986	1954	1972	1981	1977	1980+	1989+	1989+	1966	1963	1965	1980	1986
	YEARS OF RECORD	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.0	0.3	3.0	16.3	24.2	21.1	9.0	0.6	0.	0.	75.3
	MAX.	0	0	1	5	10	28	31	31	17	3	0	0	97
	YEAR	1948	1948	1971	1989	1964	1956	1980	1983	1983+	1989+	1948	1948	1956+
	MIN.	0	0	0	0	0	4	12	13	2	0	0	0	55
	YEAR	1989+	1989+	1989+	1988+	1987+	1982	1950	1974+	1986+	1988+	1989+	1989+	1982+
	YEARS OF RECORD	41.	41.	41.	42.	42.	42.	42.	42.	42.	42.	41.	41.	41.
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	5.5	3.0	1.2	0.0	0.	0.	0.	0.	0.	0.0	1.0	3.7	14.5
	MAX.	17	12	10	1	0	0	0	0	0	1	6	14	32
	YEAR	1979	1978+	1948	1988+	1948	1948	1948	1948	1948	1972	1952	1983	1978
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	4
	YEAR	1986+	1984+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1970+	1953
	YEARS OF RECORD	42.	41.	42.	41.	41.	41.	41.	41.	41.	41.	42.	42.	41.
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	30.4	26.8	25.1	11.0	1.2	0.	0.	0.	0.6	11.3	26.7	30.2	163.3
	MAX.	31	29	31	18	5	0	0	0	4	19	30	31	180
	YEAR	1988+	1988+	1970+	1980+	1953	1948	1948	1948	1971	1970	1989+	1988+	1964
	MIN.	27	23	16	4	0	0	0	0	0	0	22	28	144
	YEAR	1952	1986	1974	1978	1987+	1989+	1989+	1989+	1989+	1963	1970	1987+	1974+
	YEARS OF RECORD	42.	41.	42.	42.	41.	41.	41.	41.	41.	42.	42.	42.	40.
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	4.8	2.0	0.6	0.	0.	0.	0.	0.	0.	0.	0.5	2.3	10.1
	MAX.	13	9	8	0	0	0	0	0	0	0	5	8	24
	YEAR	1963+	1948	1948	1948	1948	1948	1948	1948	1948	1948	1975+	1983+	1948
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	2
	YEAR	1986+	1987+	1988+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1957+
	YEARS OF RECORD	42.	41.	42.	41.	41.	41.	41.	41.	41.	41.	42.	42.	41.
HIGHEST TEMPERATURE (F)	TEMP	78	81	90	95	99	106	107	105	101	95	81	80	
	YEAR AND DAY	198630	196212	197126	198921	198923+	198026+	196027	196301	195906	195402	198007+	198017	
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	58.	59.	59.	59.	59.	
LOWEST TEMPERATURE (F)	TEMP	-30	-22	-21	3	22	36	45	41	25	11	-16	-28	
	YEAR AND DAY	194828	196028	194805	195708	196701	197005	195208	194431+	198430	196913	197628+	196112+	
	YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	58.	59.	59.	59.	59.	

SUMMARY OF MONTHLY CLIMATIC DATA FOR ROCKY FORD 2 SE COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 57167 DIVISION 1

LATITUDE - 38 2 LONGITUDE - 103 42 ELEVATION - 4170 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	0.33	0.31	0.69	1.22	1.78	1.32	1.84	1.57	1.00	0.71	0.43	0.30	11.49
	MAX.	1.75	1.36	2.28	5.64	4.23	5.74	5.26	6.31	3.11	3.87	3.68	0.92	22.48
	YEAR	1944	1939	1946	1944	1955	1965	1971	1945	1966	1941	1946	1947+	1941
	MIN.	0.	0.	0.	0.	0.16	0.06	0.42	0.16	0.	0.	0.	0.	6.14
	YEAR	1977+	1970+	1977	1963	1966	1971	1935	1962	1956	1952+	1966	1976+	1964
YEARS OF RECORD	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	
GREATEST DAILY PRECIP (IN)	AMOUNT	0.63	0.64	1.05	2.58	2.42	2.45	3.27	2.75	2.14	2.20	0.70	0.48	
	YEAR AND DAY	198509	198715	198418	198322	195519	196517	198620	196519	196627	195708	195707	198122	
	YEARS OF RECORD	41.	42.	42.	42.	42.	41.	42.	42.	42.	42.	41.	42.	
MONTHLY SNOWFALL (IN)	AVE.	4.3	3.8	4.4	2.2	0.2	0.0	0.	0.	0.1	0.5	3.1	4.3	23.1
	MAX.	13.9	20.0	22.0	19.5	4.0	0.5	0.	0.	2.5	4.0	29.2	18.5	54.7
	YEAR	1959	1960	1948	1944	1954	1951	1931	1931	1984	1976+	1946	1960	1960
	MIN.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.2
	YEAR	1969+	1979+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1982+	1980+	1977+
YEARS OF RECORD	59.	57.	59.	59.	59.	59.	59.	59.	58.	59.	59.	58.	55.	
GRST DEPTH SNOW ON GRND IN MON (IN)		7	15	14	11	0	0	0	0	0	3	8	8	
	YEAR AND DAY	198809+	196029	0	198001	0	0	0	0	0	197231	197519+	197928+	
	YEARS OF RECORD	35.	27.	25.	29.	39.	42.	42.	42.	42.	38.	30.	31.	
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.		1.3	1.4	2.4	3.0	4.7	3.8	4.7	3.9	2.4	1.9	1.6	1.1	32.0
	MAX.	8	6	7	8	13	14	12	12	7	5	6	4	69
	YEAR	1948	1948	1952+	1953	1953	1951	1950	1948	1950	1970+	1972+	1960+	1951
	MIN.	0	0	0	0	1	0	1	0	0	0	0	0	15
	YEAR	1989+	1986+	1978+	1981+	1976+	1971+	1980	1988+	1983+	1989+	1989+	1989+	1964
YEARS OF RECORD	40.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	42.	40.	
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.		0.1	0.1	0.2	0.6	1.0	0.8	1.1	0.8	0.4	0.4	0.1	0.	5.7
	MAX.	1	1	2	3	3	4	4	3	2	2	2	0	15
	YEAR	1985+	1987+	1948	1957	1953+	1951	1971+	1968+	1976+	1976+	1972	1948	1949
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	1
	YEAR	1989+	1989+	1989+	1989+	1986+	1989+	1988+	1988+	1989+	1989+	1989+	1989+	1964
YEARS OF RECORD	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.		0.	0.	0.0	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.	0.	1.3
	MAX.	0	0	1	1	2	2	3	2	1	1	0	0	5
	YEAR	1948	1948	1984	1983+	1951	1965+	1954	1977	1973+	1974+	1948	1948	1965
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+
YEARS OF RECORD	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	41.	
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.0	0.4	0.6	0.7	0.3	0.1	0.2	0.1	0.	0.	2.3
	MAX.	0	0	1	3	2	3	2	2	2	1	0	0	8
	YEAR	1956	1956	1973	1971	1968+	1961	1971	1974	1965	1980+	1956	1956	1971
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+	1981+
YEARS OF RECORD	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND AVE. (GTR OR EQ 1 INCH ON GROUND)		6.5	3.0	1.3	0.4	0.	0.	0.	0.	0.	0.2	2.0	5.1	18.5
	MAX.	23	14	7	5	0	0	0	0	0	2	12	16	46
	YEAR	1985	1985	1969	1980	1963	1963	1963	1963	1963	1976+	1972	1983	1985
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	1
	YEAR	1989+	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1980+	1977
YEARS OF RECORD	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	

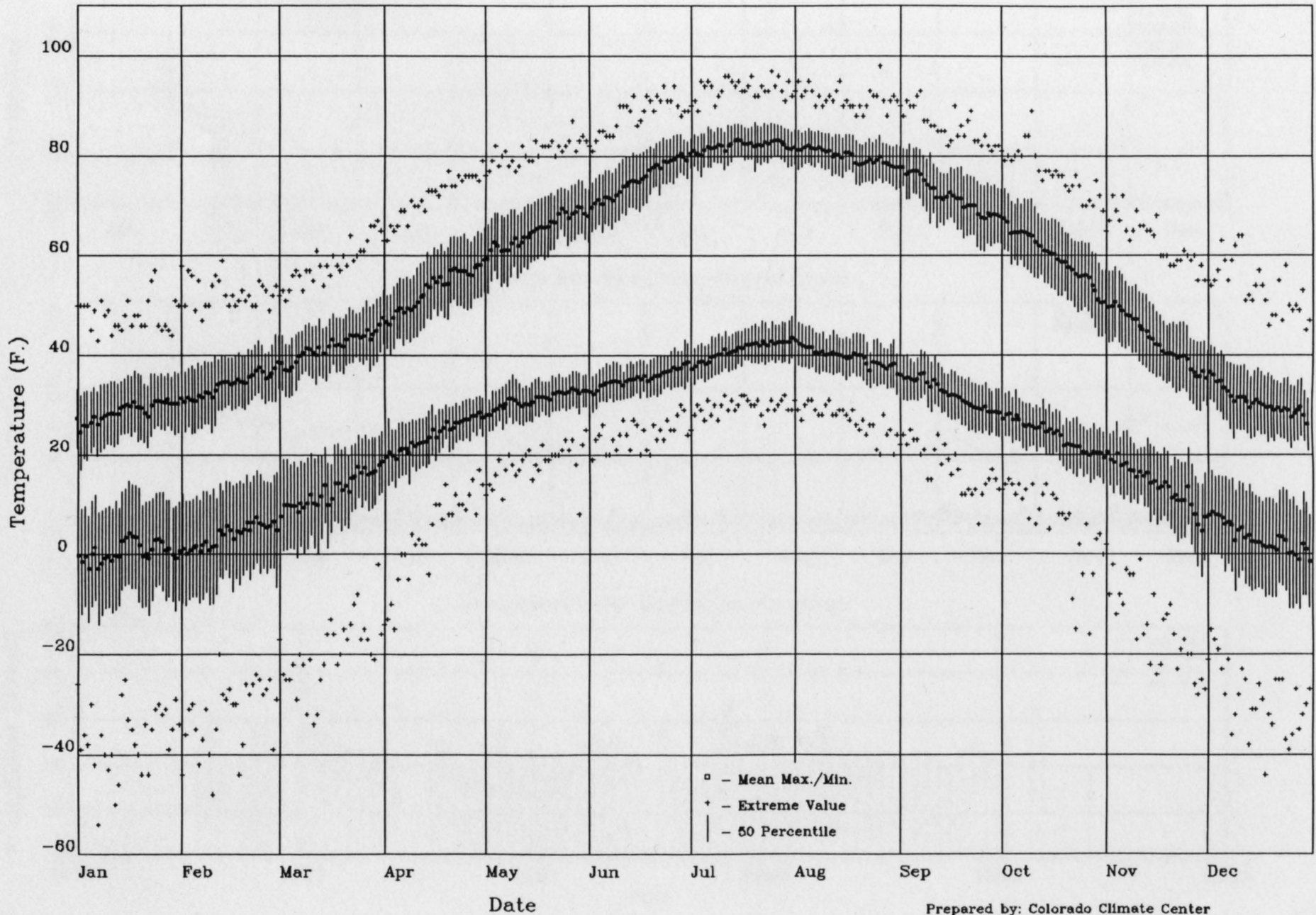
# STEAMBOAT SPRINGS

Record: 81 years ending in 1989

Lat 40 29

Long 106 50

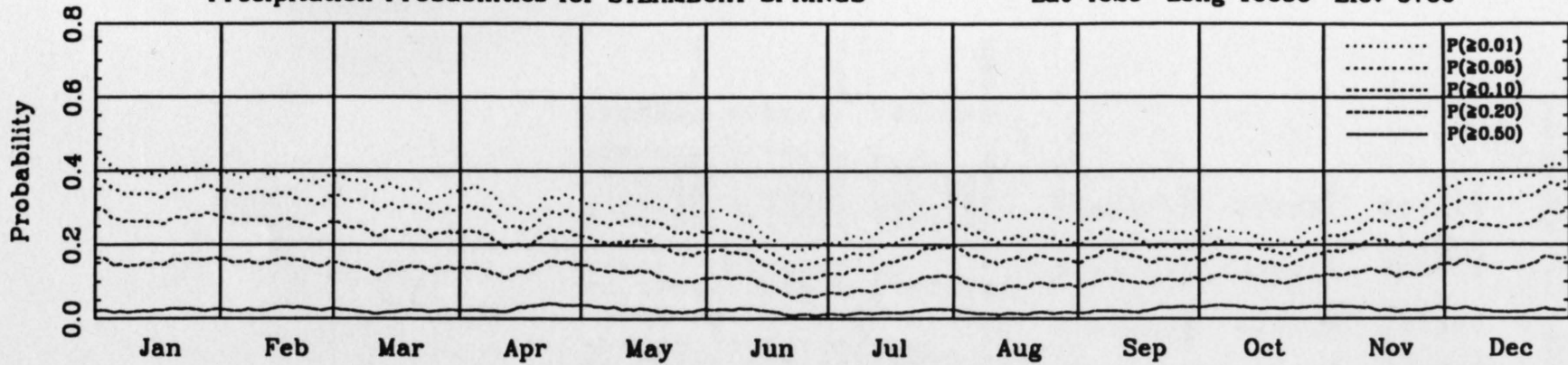
Elev 6760



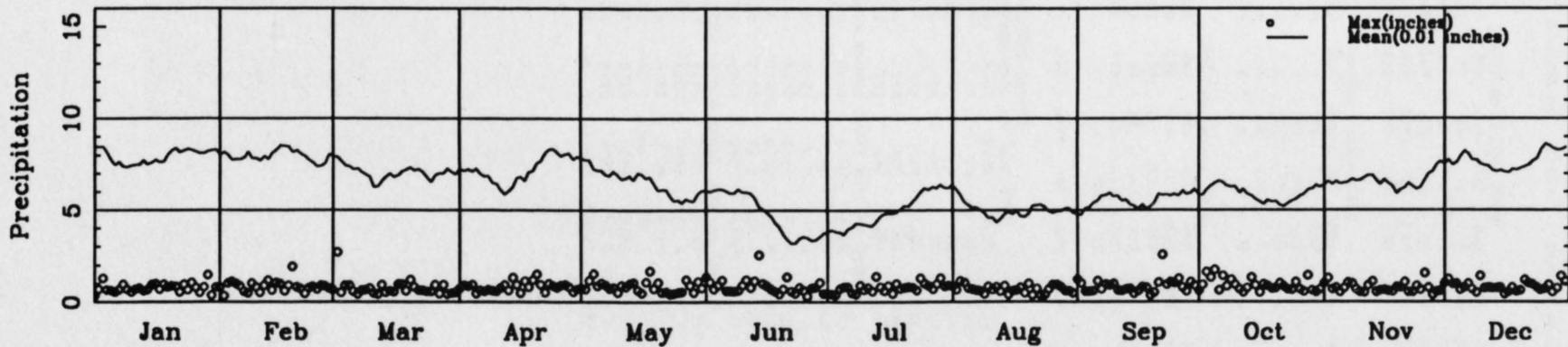
Prepared by: Colorado Climate Center

Precipitation Probabilities for STEAMBOAT SPRINGS

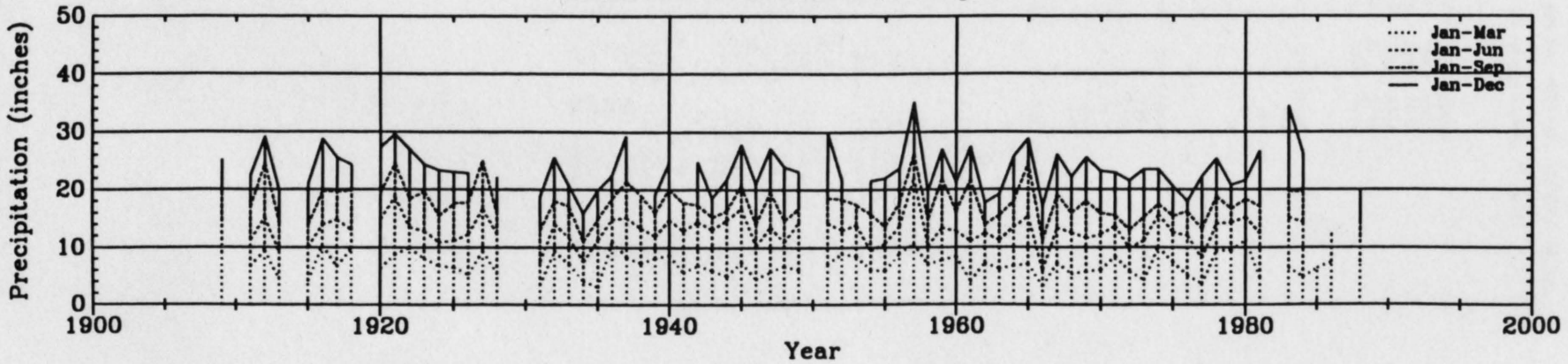
Lat 4029 Long 10650 Elev 6760



Maximum and Mean Daily Precipitation



Accumulated and Annual Precipitation



Temperature Summary for STEAMBOAT SPRINGS

57936

Prepared by: Colorado Climate Center

Latitude: 40 29 Longitude: 106 50 Elevation: 6760 Period of Record: 81 years ending in 1989

Heating Degree Days												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec Annual
50	1081	868	693	337	97	15	0	1	42	248	632	1003 5017
55	1236	1009	847	483	212	55	2	7	111	395	781	1157 6295
57	1298	1065	909	543	269	85	5	16	154	457	840	1219 6859
60	1390	1150	1001	633	358	147	21	46	231	549	930	1311 7768
65	1545	1290	1155	782	511	284	109	155	377	703	1079	1465 9456

Cooling Degree Days												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec Annual
55	0	0	0	0	8	71	213	165	34	1	0	0 491
57	0	0	0	0	3	41	155	112	17	0	0	0 328
60	0	0	0	0	1	14	78	49	4	0	0	0 147
65	0	0	0	0	0	2	11	5	0	0	0	0 18
70	0	0	0	0	0	0	0	0	0	0	0	0 1

Growing Degree Days												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec Annual
40	0	0	3	72	265	465	674	621	375	126	7	0 2607
45	0	0	0	21	137	317	520	467	236	44	1	0 1742
50	0	0	0	3	46	181	365	313	114	8	0	0 1030
55	0	0	0	0	8	71	213	165	34	1	0	0 491
60	0	0	0	0	1	14	78	49	4	0	0	0 147

Corn GDD 0 1 10 90 235 375 489 461 332 176 29 1 2198

Growing Season												
Probability length will be less than												
Threshold	Shortest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Longest	Yrs.
36	0/1915	0	7	11	15	19	22	26	31	37	53/1937	77
32	0/1919	16	25	32	38	43	48	54	61	70	97/1988	74
28	25/1911	55	65	72	79	84	90	96	103	113	148/1987	69
24	64/1924	90	100	107	113	119	125	131	138	148	162/1940	64
20	89/1945	120	129	136	141	147	152	158	165	174	196/1981	62
16	131/1927	156	164	169	174	178	182	187	192	200	211/1963	58
Probability last spring frost will be before												
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	6/14/1988	7/ 1	7/ 4	7/ 7	7/ 9	7/11	7/13	7/15	7/17	7/21	7/19/1915	77
32	5/31/1988	6/19	6/23	6/27	6/29	7/ 2	7/ 4	7/ 7	7/10	7/15	7/19/1919	74
28	4/23/1987	5/25	5/31	6/ 4	6/ 8	6/12	6/15	6/19	6/24	6/30	7/ 9/1911	69
24	4/17/1949	4/29	5/ 7	5/13	5/17	5/22	5/26	5/31	6/ 5	6/13	6/30/1918	64
20	4/ 2/1926	4/12	4/19	4/25	4/30	5/ 4	5/ 9	5/13	5/19	5/27	6/19/1939	62
16	3/23/1915	4/ 2	4/ 7	4/11	4/14	4/17	4/20	4/24	4/27	5/ 3	5/29/1927	58
Probability first autumn frost will be before												
Threshold	Earliest	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	Latest	Yrs
36	7/19/1915	7/15	7/20	7/24	7/27	7/29	8/ 1	8/ 4	8/ 8	8/13	9/ 6/1983	77
32	7/19/1919	7/25	8/ 1	8/ 6	8/10	8/14	8/18	8/22	8/27	9/ 3	9/17/1981	74
28	7/22/1939	8/17	8/23	8/28	9/ 1	9/ 4	9/ 8	9/11	9/16	9/22	10/ 3/1982	69
24	8/22/1924	9/ 3	9/ 8	9/12	9/15	9/18	9/20	9/23	9/27	10/ 2	10/14/1963	64
20	8/26/1910	9/12	9/18	9/22	9/25	9/28	10/ 1	10/ 4	10/ 8	10/14	10/25/1972	62
16	9/ 9/1962	9/24	9/30	10/ 5	10/ 9	10/12	10/16	10/20	10/24	10/31	11/10/1988	58

SUMMARY OF MONTHLY CLIMATIC DATA FOR STEAMBOAT SPRINGS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 57936 DIVISION 2

LATITUDE - 40 29 LONGITUDE - 106 50 ELEVATION - 6760 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY MEAN MAXIMUM TEMP (F)	AVE.	29.0	34.4	42.0	53.6	65.0	75.2	82.7	80.6	72.8	61.0	43.3	31.5	55.9
	MAX.	42.8	44.0	50.8	62.9	74.5	82.5	88.1	85.0	77.9	69.3	55.5	45.7	61.5
	YEAR	1981	1934	1934	1987	1934	1988	1934	1934	1979	1950	1939	1939	1934
	MIN.	20.2	26.1	35.8	45.1	58.7	67.7	77.9	74.7	61.4	49.4	33.9	23.3	52.5
	YEAR	1979	1933	1965	1984	1983	1945	1986	1968	1961	1969	1948	1978	1984
YEARS OF RECORD	58.	58.	59.	59.	59.	58.	59.	59.	58.	58.	58.	58.	56.	
MONTHLY MEAN MINIMUM TEMP (F)	AVE.	1.0	4.5	13.6	24.1	31.3	35.6	41.3	40.2	32.4	24.3	14.5	4.6	22.2
	MAX.	12.1	15.3	21.4	29.6	37.2	42.8	46.2	44.6	38.0	30.4	20.6	15.7	26.3
	YEAR	1981	1986	1989	1989	1987	1988	1989	1983	1939	1972	1934	1980	1981
	MIN.	-10.7	-6.8	2.0	19.3	28.2	30.8	37.0	34.4	28.0	19.5	3.8	-2.4	19.6
	YEAR	1937	1933	1965	1975	1950	1950	1962	1950	1974+	1976+	1956	1931	1964
YEARS OF RECORD	57.	58.	59.	59.	59.	58.	59.	59.	58.	58.	58.	58.	55.	
MONTHLY MEAN AVERAGE TEMP (F)	AVE.	15.0	19.5	27.8	38.9	48.2	55.4	62.0	60.4	52.6	42.7	28.9	18.1	39.1
	MAX.	27.5	29.4	35.4	45.5	54.0	62.7	65.9	63.9	56.5	47.5	36.2	29.2	43.2
	YEAR	1981	1934	1986	1989	1934	1988	1989	1934	1963	1988+	1949	1980	1934
	MIN.	5.9	9.6	18.9	32.9	44.4	50.8	59.0	57.1	45.9	35.9	19.2	11.1	36.7
	YEAR	1937	1933	1965	1984+	1975+	1945	1950	1974	1961	1970	1956	1978	1968
YEARS OF RECORD	57.	58.	59.	59.	59.	58.	59.	59.	58.	58.	58.	58.	55.	
DEGREE DAYS (BASE 65F)	AVE.	1534.2	1287.2	1148.0	788.4	519.1	281.9	100.2	146.1	374.2	695.6	1087.7	1472.6	9465.1
	MAX.	1777	1561	1424	958	632	403	171	236	564	895	1368	1665	10252
	YEAR	1962	1956	1965	1984	1975	1951	1962	1974	1961	1970	1956	1978	1968
	MIN.	1159	1080	911	581	388	95	22	48	247	535	883	1101	8240
	YEAR	1981	1963	1986	1989	1987	1988	1989	1988	1963	1963	1954	1980	1981
YEARS OF RECORD	38.	38.	39.	39.	39.	38.	39.	39.	38.	38.	38.	38.	36.	
NO DAYS MAX TEMP GTR OR EQ 90F	AVE.	0.	0.	0.	0.	0.	0.2	1.6	0.8	0.1	0.	0.	0.	2.7
	MAX.	0	0	0	0	0	3	8	4	1	0	0	0	14
	YEAR	1948	1948	1948	1948	1948	1954	1989	1979+	1978+	1948	1948	1948	1954
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1986+	1989+	1989+	1989+	1989+	1989+	1984+
YEARS OF RECORD	40.	40.	41.	41.	41.	40.	41.	41.	40.	40.	40.	40.	38.	
NO DAYS MAX TEMP LESS OR EQ 32F	AVE.	20.1	11.8	3.8	0.2	0.	0.	0.	0.	0.	0.2	5.4	18.4	59.9
	MAX.	29	25	13	2	0	0	0	0	0	2	14	28	83
	YEAR	1979	1964	1969	1975+	1948	1948	1948	1948	1948	1972	1948	1967	1952
	MIN.	1	4	0	0	0	0	0	0	0	0	0	3	27
	YEAR	1981	1977+	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1966+	1980	1981
YEARS OF RECORD	41.	41.	42.	41.	41.	40.	41.	41.	40.	40.	41.	41.	38.	
NO DAYS MIN TEMP LESS OR EQ 32F	AVE.	31.0	28.2	30.7	27.1	19.4	8.8	1.2	3.2	15.8	27.0	29.0	31.0	253.8
	MAX.	31	29	31	30	26	20	5	11	25	31	30	31	276
	YEAR	1989+	1988+	1988+	1984+	1972+	1950	1959+	1974	1974+	1973	1985+	1989+	1975+
	MIN.	30	27	28	22	8	0	0	0	6	18	21	30	219
	YEAR	1965+	1986+	1967	1986	1987	1988	1989+	1989+	1982	1972	1989	1971+	1989
YEARS OF RECORD	41.	41.	42.	42.	42.	41.	42.	42.	40.	41.	41.	41.	38.	
NO DAYS MIN TEMP LESS OR EQ 0 F	AVE.	14.0	11.1	4.4	0.1	0.	0.	0.	0.	0.0	3.3	12.5	46.1	
	MAX.	25	20	15	2	0	0	0	0	0	1	15	21	
	YEAR	1961	1974	1965	1983+	1948	1948	1948	1948	1948	1975	1956	1989	1952
	MIN.	1	2	0	0	0	0	0	0	0	0	0	1	15
	YEAR	1981	1958	1986+	1989+	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1980	1981
YEARS OF RECORD	41.	41.	42.	41.	41.	40.	41.	41.	40.	40.	41.	41.	38.	
HIGHEST TEMPERATURE (F)	TEMP	55	59	67	79	87	94	97	98	91	81	69	64	
	YEAR AND DAY	198123	194713	198630	194330	196427	195423	193125	194826	196003	197601	193410	193910	
	YEARS OF RECORD	58.	58.	58.	58.	57.	58.	58.	58.	57.	57.	57.	57.	
LOWEST TEMPERATURE (F)	TEMP	-50	-48	-34	-15	12	20	25	24	12	-4	-28	-38	
	YEAR AND DAY	196312	193310	194811	194504	197201	194516+196801	196228	197119+	197525	197628	193213		
	YEARS OF RECORD	58.	58.	58.	58.	58.	58.	58.	57.	57.	57.	57.		



SUMMARY OF MONTHLY CLIMATIC DATA FOR STEAMBOAT SPRINGS COLORADO FOR YEARS 1931-1989 SUBSTATION NO. 57936 DIVISION 2

LATITUDE - 40 29 LONGITUDE - 106 50 ELEVATION - 6760 FEET

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
MONTHLY PRECIPITATION (IN)	AVE.	2.43	2.19	2.17	2.25	2.09	1.55	1.45	1.49	1.55	1.79	2.00	2.57	23.38
	MAX.	5.80	5.13	4.38	4.39	5.42	4.31	3.57	3.03	8.15	4.29	5.59	7.26	35.89
	YEAR	1980	1936	1932	1942	1981	1945	1937	1965	1961	1981	1985	1951	1957
	MIN.	0.69	0.30	0.59	0.60	0.07	0.10	0.14	0.17	0.07	0.	0.25	0.63	15.83
	YEAR	1961	1935	1969	1966	1948	1980	1971	1944	1953	1952+	1939	1979	1934
YEARS OF RECORD		58.	58.	59.	59.	59.	58.	59.	59.	58.	58.	58.	58.	56.
GREATEST DAILY PRECIP (IN)	AMOUNT	1.48	1.93	0.96	1.50	1.19	1.20	1.29	1.15	2.55	1.62	1.30	1.42	
	YEAR AND DAY	196529	198619	198418	197120	198103	197011	198924+	196503	196122	196603	197302	195130	
	YEARS OF RECORD	41.	40.	41.	41.	41.	41.	41.	41.	40.	40.	40.	40.	
MONTHLY SNOWFALL (IN)	AVE.	35.5	29.4	24.5	13.9	3.0	0.1	0.	0.	0.8	6.1	21.0	34.8	168.7
	MAX.	79.2	65.8	62.8	31.5	20.5	5.6	0.	0.	19.6	24.6	57.0	92.6	251.0
	YEAR	1936	1936	1932	1937	1944	1976	1931	1931	1961	1969	1983	1983	1983
	MIN.	7.0	5.8	9.0	0.	0.	0.	0.	0.	0.	0.	1.0	8.1	95.4
	YEAR	1986	1935	1934	1981	1987+	1989+	1989+	1989+	1989+	1988+	1939	1979	1966
YEARS OF RECORD		58.	58.	58.	59.	56.	59.	59.	59.	58.	58.	58.	58.	53.
GRST DEPTH SNOW ON GRND IN MON (IN)		51	49	52	42	0	0	0	0	8	10	25	46	
	YEAR AND DAY	195225	195229	195201	195201	0	0	0	0	196122	195531+	198530	195131	
	YEARS OF RECORD	41.	41.	41.	38.	30.	41.	41.	41.	39.	35.	39.	40.	
NO DAYS PRECIP GTR OR EQ 0.1 IN AVE.	AVE.	9.3	7.9	8.3	7.1	7.4	4.7	5.3	5.4	5.1	5.1	6.9	9.2	81.9
	MAX.	17	16	17	18	16	13	14	16	13	12	16	20	141
	YEAR	1952	1952	1952	1951	1981	1948	1950	1952	1982+	1984+	1985	1983	1951
	MIN.	2	2	1	3	2	0	0	2	0	0	2	3	51
	YEAR	1961	1954	1969	1989+	1974+	1980	1971	1974+	1975+	1965+	1976+	1976+	1966
YEARS OF RECORD		41.	41.	42.	42.	42.	42.	42.	41.	41.	41.	41.	40.	
NO DAYS PRECIP GTR OR EQ 0.5 IN AVE.	AVE.	1.0	0.7	0.9	1.1	0.8	0.9	0.7	0.5	0.6	1.1	1.3	1.2	10.7
	MAX.	5	3	5	3	5	3	2	3	6	6	6	7	36
	YEAR	1980	1974	1948	1985+	1949	1984+	1987+	1977	1961	1949	1948	1948	1948
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	4
	YEAR	1989+	1985+	1989+	1989+	1989+	1988+	1988+	1989+	1989+	1988+	1987+	1988+	1955
YEARS OF RECORD		40.	40.	41.	41.	41.	41.	41.	40.	40.	40.	40.	39.	
NO DAYS PRECIP GTR OR EQ 1.0 IN AVE.	AVE.	0.1	0.1	0.	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	1.1
	MAX.	1	2	0	1	1	2	1	1	2	1	1	2	5
	YEAR	1965+	1986	1948	1985+	1981+	1957	1989+	1984+	1961+	1972+	1974+	1951	1957
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1989+	1989+	1989+	1989+	1989+	1989+	1988+	1989+	1989+	1989+	1989+	1989+	1988+
YEARS OF RECORD		40.	40.	41.	41.	41.	41.	41.	41.	40.	40.	40.	39.	
NUMBER OF DAYS WITH HAIL	AVE.	0.	0.	0.	0.	0.	0.1	0.	0.0	0.	0.	0.	0.	0.1
	MAX.	0	0	0	0	0	1	0	1	0	0	0	0	1
	YEAR	1956	1956	1956	1956	1956	1981+	1956	1977	1956	1956	1956	1956	1981+
	MIN.	0	0	0	0	0	0	0	0	0	0	0	0	0
	YEAR	1981+	1981+	1981+	1981+	1981+	1980+	1981+	1981+	1981+	1981+	1981+	1981+	1980+
YEARS OF RECORD		26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	
** NOTE : MANY WEATHER STATIONS DO NOT RECORD ALL HAIL OCCURRENCES. THEREFORE THESE DATA MAY NOT BE REPRESENTATIVE.														
NO. OF DAYS WITH SNOW ON GROUND (GTR OR EQ 1 INCH ON GROUND)	AVE.	30.1	27.7	25.2	6.1	0.	0.	0.	0.	0.1	2.0	15.3	29.2	138.8
	MAX.	31	29	31	19	0	0	0	0	2	8	24	31	161
	YEAR	1989+	1984+	1984+	1984+	1963	1963	1963	1963	1965	1969	1985+	1989+	1964
	MIN.	7	21	6	0	0	0	0	0	0	0	4	9	82
	YEAR	1981	1981	1987	1982+	1988+	1989+	1989+	1989+	1989+	1989+	1966	1980	1981
YEARS OF RECORD		26.	26.	27.	25.	22.	27.	27.	27.	26.	23.	24.	25.	15.

COLORADO WEATHER STATIONS AS OF FEBRUARY 1991

ID#	STATION NAME	NAME OF OBSERVER	COUNTY
ARKANSAS DRAINAGE			
0102	AGUILAR 1 SE	GEORGE STAKICH	LAS ANIMAS
0895	BRANDON	INACTIVE 12/31/90	KIOWA
1071	BUENA VISTA	RONALD STAUFFER	CHAFFEE
1268	CAMPO 7 S	FRED C TANNER	BACA
1294	CANON CITY	HOWARD S OHL	FREMONT
1539	CHERAW 1 N	ROGER WADLEIGH	OTERO
1660	CLIMAX	CLIMAX MOLYBDENUM CO	LAKE
1778	COLORADO SPRINGS WSO A	NWS	EL PASO
2446	EADS 2 S	BEN FISCHER	KIOWA
3002	FORT CARSON	COMM DET 58 5TH WEA SQUA	EL PASO
3063	FOUNTAIN	MINNIE D MESTAS	EL PASO
3079	FOWLER 1 SE	EDWARD R FELLHAUER	OTERO
3477	GRANADA	CLYDE B KENNEDY	PROWERS
3656	GUFFEY 10 SE	MRS CLARA G NASH	FREMONT
3828	HASWELL	FRANKIE E STOKER	KIOWA
4076	HOLLY	W R DAVIS	PROWERS
4172	HUGO	RONALD COLEMAN	LINCOLN
4388	JOHN MARTIN DAM	US ARMY ENGINEER OFFICE	BENT
4444	KARVAL	CYNTHIA LEONARD	LINCOLN
4538	KIM 15 NNE	MRS SUZANNE PLATTE	LAS ANIMAS
4546	KIM 10 SSE	ROBERT SHANNON	LAS ANIMAS
4603	KIT CARSON 6 SE	JANICE HOGAN	CHEYENNE
4720	LA JUNTA 4 NNE	LAJUNTA WEATHER SER STN	OTERO
4726	LA JUNTA 20 S	DOROTHY SIMMONS	OTERO
4750	LAKE MORAIN	COLO SPRINGS WATER DEPT	EL PASO
4770	LAMAR	JAMES/JUANITA HAYS	PROWERS
4834	LAS ANIMAS	LAS ANIMAS POWER PLANT	BENT
4885	LEADVILLE 2 SW	URSULA GILGULIN	LAKE
5018	LIMON WSMO	NWS	LINCOLN
5020	LIMON HASS RANCH	BURTON HASS	ELBERT
5352	MANITOU SPRINGS	HYDRO PLANT	EL PASO
5734	MONUMENT	EDDY WOODRUFF	EL PASO
6131	ORDWAY 2 ENE	FOXLEY CATTLE COMPANY	CROWLEY
6136	ORDWAY 21 N	BILL RINGLE	LINCOLN
6740	PUEBLO WSO AP	NWS	PUEBLO
6765	PUEBLO RESERVOIR	USBR RSVR SUPT	PUEBLO
6977	RED WING 1 WSW	LOUIS R (DICK) HIGBY	HUERFANO
7167	ROCKY FORD 2 SE	AR VALLEY AGRI RES CNTR	OTERO
7287	RUSH	ALFRED SMITH	EL PASO
7309	RUXTON PARK	COLO SPGS WTR WORKS	EL PASO
7315	RYE	STEPANIE MCDONALD	PUEBLO
7370	SALIDA	MIKE KERIGAN, KVRH RADIO	CHAFFEE
7572	SHEEP MOUNTAIN	ARCO	HUERFANO
7664	SIMLA	SOIL CONS SERVICE	ELBERT
7866	SPRINGFIELD 7 WSW	SE COLO RESEARCH CENTER	BACA
7992	STONINGTON	MRS ARMILDA BURHENN	BACA
8064	SUGARLOAF RESERVOIR	U S BUREAU RECLAMATION	LAKE
8157	TACONY 10 SE	JOHN M HIZA	PUEBLO
8220	TERCIO 4 NW	MANUEL TORRES	LAS ANIMAS
8290	TIMPAS 13 SW	JOHN W GRAVES	OTERO
8429	TRINIDAD	CITY OF TRINIDAD	LAS ANIMAS
8431	TRINIDAD RIVER	NICK D RUSCETTI	LAS ANIMAS
8434	TRINIDAD FAA ARPT	TRINIDAD FLIGHT SER STN	LAS ANIMAS
8436	TRINIDAD LAKE	J L TORRES INC	LAS ANIMAS
8501	TWIN LAKES RESERVOIR	US BUREAU OF RECLAMATION	LAKE
8781	WALSBURG	JOHN W FIGAL	HUERFANO
8793	WALSH 1 W	DENNIS THOMPSON	BACA
8931	WESTCLIFFE	MARVIN O RANKIN	CUSTER
8997	WHITE ROCK	CLETUS MARTIN	PUEBLO
9216	WOOTTON RANCH	DON W BERG	LAS ANIMAS
9285	YODER 2 WNW	HELEN YOUNG	EL PASO

COLORADO WEATHER STATIONS AS OF FEBRUARY 1991

ID#	STATION NAME	NAME OF OBSERVER	COUNTY
COLORADO DRAINAGE			
0214	ALTENBERN	ORVILLE C ALTENBERN	GARFIELD
0372	ASPEN 1 SW	ASPEN WATER DEPT	PITKIN
0405	AVON	INACTIVE 03/01/90	EAGLE
0797	BLUE MESA LAKE	NATIONAL PARK SERVICE	GUNNISON
0825	BONHAM RESERVOIR	U S BUREAU RECLAMATION	MESA
0909	BRECKENRIDGE	RICHARD BLY	SUMMIT
1017	BROWNS PARK REFUGE	BROWNS PARK WILDLIFE REF	MOFFAT
1440	CEDAREDEGE	WILLIAM ROE	DELTA
1609	CIMARRON	W H NEWBERRY	MONTROSE
1713	COCHETOPA CREEK	HAROLD F KREUGER	GUNNISON
1741	COLLBRAN	JAMES B HAWKINS	MESA
1772	COLORADO NATL MONUMENT	COLORADO NATIONAL MONU	MESA
1886	CORTEZ	GREELEY GAS CO	MONTEZUMA
1932	CRAIG 4 SW	TRAPPER MINING, INC	MOFFAT
1959	CRESTED BUTTE	LARRY ADONS	GUNNISON
2192	DELTA	BOB CONDREAY	DELTA
2281	DILLON 1 E	TERRY MAST	SUMMIT
2286	DINOSAUR NATL MONUMENT	NATIONAL PARK SERVICE	MOFFAT
2326	DOLORES	CLYDE MARTIN	MONTEZUMA
2432	DURANGO	FRANK KUGEL	LA PLATA
2454	EAGLE FAA AIRPORT	FAA EAGLE FLT SRVC STN	EAGLE
3016	FORT LEWIS	TOM CAMPION	LA PLATA
3116	FRASER	E JOHNSON	GRAND
3146	FRUITA 1 W	PABCO INSULATION DIVISIO	MESA
3246	GATEWAY 1 SE	ROSEMARY A CASTO	MESA
3359	GLENWOOD SPRINGS # 2	RADIO STATION KMTS	GARFIELD
3488	GRAND JUNCTION WSO AP	NWS	MESA
3489	GRAND JUNCTION 6 ESE	CSU ORCHARD MESA RES C	MESA
3496	GRAND LAKE 1 NW	NATIONAL PARK SERVICE	GRAND
3500	GRAND LAKE 6 SSW	N COLO WATER CONSERVANCY	GRAND
3592	GREEN MOUNTAIN DAM	U S BUREAU RECLAMATION	SUMMIT
3662	GUNNISON 1 SW	GUNNISON VALLEY AVIATION	GUNNISON
3738	HAMILTON	ETHAL M JORDAN	MOFFAT
3867	HAYDEN	CAROLYN E SUNDBERG	ROUTT
4250	IGNACIO 1 N	SOUTHERN UTE AGENCY	LA PLATA
4664	KREMMLING	BUR OF LAND MANAGEMENT	GRAND
4734	LAKE CITY	PHILLIP H VIRDEN	HINSDALE
4934	LEMON DAM	JOHN EY	LA PLATA
5048	LITTLE HILLS	COLORADO DIV OF WILDLIFE	RIO BLANCO
5327	MANCOS	BETH WHEELER	MONTEZUMA
5414	MARVINE RANCH	TIM DOLE	RIO BLANCO
5422	MASSADONA 3 E	JUDY BEARD	MOFFAT
5446	MAYBELL	JOYCE LEFEVRE	MOFFAT
5487	MEEKER NO 2	K JAMES COOK	RIO BLANCO
5507	MEREDITH	U S BUREAU RECLAMATION	PITKIN
5531	MESA VERDE NATL PARK	NATIONAL PARK SERVICE	MONTEZUMA
5722	MONTROSE 2	ROBERT LEHMAN	MONTROSE
5970	NORTHDALE	ROBERT C SHUTT	DOLORES
6012	NORWOOD	JOSEPH L HANNIGAN	SAN MIGUEL
6203	OURAY	EDWARD B THOMPSON	OURAY
6258	PAGOSA SPRINGS	CARL BOLT	ARCHULETA
6266	PALISADE	COLO DEPT AGRICULTURE	MESA
6306	PAONIA 1 SW	ROBERT E LUND	DELTA
6311	PARACHUTE	WENDY ASPLUND	GARFIELD
6318	PARADOX 1 W	MRS WYVONNA IRISH	MONTROSE
6524	PLACERVILLE	MRS MARY F MC CLUER	SAN MIGUEL
6591	PLEASANT VIEW 2 W	DON CLEVER	MONTEZUMA
6797	PYRAMID	DAN H KNOTT	ROUTT
6832	RANGELY 1 E	RANGELY WATER PLANT	RIO BLANCO
6970	REDSTONE 4 W	LEW THOMPSON	PITKIN
7017	RICO	MARTHA SHEPEREK	DOLORES
7020	RIDGWAY	RICHARD A CRABB	OURAY
7031	RIFLE	MAXINE C MYSER	GARFIELD
7460	SARGENTS	NORMAN P SCOTT	SAGUACHE

COLORADO WEATHER STATIONS AS OF FEBRUARY 1991

ID#	STATION NAME	NAME OF OBSERVER	COUNTY
7618	SHOSHONE	JOHN W DAVIS	GARFIELD
7656	SILVERTON	JON DENIOUS	SAN JUAN
7735	SOMERSET 1 E	WEST ELK COAL COMPANY	GUNNISON
7936	STEAMBOAT SPRINGS	KEVIN FORD	ROUTT
8184	TAYLOR PARK	JESSE R JENKINS UVWUA	GUNNISON
8204	TELLURIDE	WILLIAM H MAHONEY	SAN MIGUEL
8560	URAVAN	UN CARBIDE C ENVIR DEP	MONTROSE
8575	VAIL	VAIL NATURE CENTER	EAGLE
8582	VALLECITO DAM	PINE RIVER IRRIG DIST	LA PLATA
9096	WILLIAMS FORK DAM	VIRGIL L FISHER	GRAND
9175	WINTER PARK	DENVER WATER BOARD	GRAND
9265	YAMPA	FLOYD M MONTGOMERY	ROUTT
9275	YELLOW JACKET 2 W	ARTHUR WILSON	MONTEZUMA

KANSAS DRAINAGE

0109	AKRON 4 E	BOB FLORIAN	WASHINGTON
0114	AKRON 1 N	HAYES AVIATION	WASHINGTON
0304	ARAPAHOE	CLEMENT D MITCHELL	CHEYENNE
0834	BONNY LAKE	HAROLD MADSEN, USBR	YUMA
1121	BURLINGTON	WILLIAM H GERBER	KIT CARSON
1564	CHEYENNE WELLS	CARL A LOVELL	CHEYENNE
2535	ECKLEY	LOUISE VANCE	YUMA
2932	FLAGLER 2 NW	TERRY GAINES	KIT CARSON
2944	FLEMING 1 W	SALLY RIGEL	LOGAN
3258	GENOA	EDWARD V EMMERLING	LINCOLN
4082	HOLYOKE	DALE E ANDERSON	PHILLIPS
4242	IDALIA 4 NNE	SALLY PARKER	YUMA
4380	JOES 2 SE	DARREL DAVIS	YUMA
4945	LEROY 5 WSW	NEIL M LINDSTROM	LOGAN
7519	SEIBERT	EUGENE HASE	KIT CARSON
7557	SHAW 2 E	HERB JANSSEN	LINCOLN
8008	STRATTON	LEO ISENBART	KIT CARSON
9243	WRAY	JANET MCGAUGHEY	YUMA
9295	YUMA	HIGH PLAINS MANOR	YUMA
9297	YUMA 10 NW	ROLIE DEERING	WASHINGTON

PLATTE DRAINAGE

0183	ALLENSPARK LODGE	ALLENSPARK LODGE	BOULDER
0263	ANTERO RESERVOIR	HENRY BENSON	PARK
0454	BAILEY	RICHARD KINGERY	PARK
0620	BENNETT 5 SW	STANLEY J BROWN	ARAPAHOE
0843	BOULDER #2	EVERETT LONG	BOULDER
0848	BOULDER	DOC/NOAA/ERL	BOULDER
0945	BRIGGSDALE	MRS A B FREEMYER	WELD
0950	BRIGHTON	SCOT CAMPBELL	ADAMS
1060	BUCKHORN MTN 1 E	MOBY WILE	LARIMER
1179	BYERS 5 ENE	MRS SHIRLEY DIEDRICH	ADAMS
1186	CABIN CREEK	PUBLIC SERVICE CO	CLEAR CREEK
1401	CASTLE ROCK	MRS FRANCES HENRY	DOUGLAS
1528	CHEESMAN	EDDIE CHRISTENSEN	JEFFERSON
1547	CHERRY CREEK DAM	U S CORPS OF ENGINEERS	ARAPAHOE
2140	DECKERS	WILLIAM REPPETO	DOUGLAS
2162	DEER TRAIL	TOM DICKENS	ARAPAHOE
2220	DENVER WSFO AP	NWS	DENVER
2354	DRAKE	DUANE DAVIS	LARIMER
2494	EASTONVILLE 1 NNW	CARL R GUY	EL PASO
2759	ESTES PARK	US BUREAU OF RECLAMATION	LARIMER
2790	EVERGREEN	EVERGREEN METRO DISTRICT	JEFFERSON
2965	FLORISSANT FOSSIL BED	NATIONAL PARK SERVICE	TELLER
3005	FORT COLLINS	COLORADO STATE UNIV	LARIMER
3007	FORT COLLINS 9 NW	JOHN NEUTZE	LARIMER
3038	FORT MORGAN	WESTERN SUGAR CO	MORGAN
3386	GOLDEN 3 S	TOM FRANCES	JEFFERSON
3530	GRANT	DENVER BOARD-WATER COMM	PARK

COLORADO WEATHER STATIONS AS OF FEBRUARY 1991

ID#	STATION NAME	NAME OF OBSERVER	COUNTY
3553	GREELEY UNC	U N C DR GLENN COBB	WELD
3579	GREENLAND 9 SE	NORMAN YOUNGER	EL PASO
3584	GREENLAND 6 NE	DORIS DAHLBERG	DOUGLAS
3629	GROSS RESERVOIR	RAY WEAVER	BOULDER
4054	HOHNHOLZ RANCH	PHILLIS B HOHNHOLZ	LARIMER
4135	HOURLASS RESERVOIR	GEORGE PRENTISS	LARIMER
4155	HOYT	JAMES MUSGRAVE	ADAMS
4293	INTER CANYON	ROBERT W SCHNEIDER	JEFFERSON
4413	JULESBURG	JACK SCHEAFFER	SEDGWICK
4452	KASSLER	WASTEWATER TRTMT PLANT	JEFFERSON
4742	LAKE GEORGE 8 SW	DENVER WATER DEPT	PARK
4762	LAKEWOOD	MOFFAT TREATMENT PLANT	JEFFERSON
4877	LAWSON	PAULA DREITH	CLEAR CREEK
5025	LINDON 4 S	GERRY OHR	WASHINGTON
5056	LITTLETON	LITTLETON FIRE DEPT	ARAPAHOE
5116	LONGMONT 2 ESE	HILLESHP MONO-HY INC	BOULDER
5121	LONGMONT 6 NW	STEVE OLMSTEAD	BOULDER
5236	LOVELAND NCWCD	NCWCD	LARIMER
5765	MORRISON 1 SW	HOWARD LEE GYLLING	JEFFERSON
5797	MT EVANS RESEARCH STN	MT EVANS FIELD STATION	CLEAR CREEK
5922	NEW RAYMER	KENNETH D THOMPSON	WELD
5934	NEW RAYMER 21 N	HAROLD WEISBROOK	WELD
5982	NORTHGATE	ERIC WAGNER	JACKSON
5984	NORTHGLENN	CITY OF NORTHGLENN	ADAMS
6023	NUNN	C DALE BARNABY	WELD
6326	PARKER 6 E	MRS R EARL EVERITT	ELBERT
6816	RALSTON RESERVOIR	DENVER BD OF WTR COMM	JEFFERSON
6820	RAND	DON TEEM	JACKSON
6925	RED FEATHER LAKES 2 SE	HARVEY HUNTEMAN	LARIMER
7300	RUSTIC 12 WSW	COLORADO HIGHWAY DEPT	LARIMER
7510	SEDALIA 4 SSE	DAVID A CURTIS	DOUGLAS
7515	SEDGWICK 5 S	LAYTON D MUNSON	SEDGWICK
7648	SILVER LAKE	BOULDER WATER DEPT	BOULDER
7816	SOUTH PLATTE	JOSEPH C ALLEN	JEFFERSON
7848	SPICER	JEANNE VAN VALKENBURG	JACKSON
7950	STERLING	RADIO STATION KSTC	LOGAN
8022	STRONTIA SPRINGS DAM	BOARD OF WATER COMMISSIO	DOUGLAS
8756	WALDEN	ERIC WAGNER	JACKSON
8839	WATERDALE	LYLE HERMAN	LARIMER
8995	WHEAT RIDGE 2	DAVID D EINSPAR	JEFFERSON
9147	WINDSOR	INACTIVE 04/28/90	WELD
9210	WOODLAND PARK 8 NNW	U S FOREST SERVICE	TELLER

RIO GRANDE DRAINAGE

0130	ALAMOSA WSO AP	R NWS	ALAMOSA
0776	BLANCA	ETHEL KESTER	COSTILLA
1458	CENTER 4 SSW	SAN LUIS VALLEY RES CNTR	RIO GRANDE
1944	CREEDE 2 S	MR JAN R GILLIS, JR	MINERAL
1964	CRESTONE 1 SE	HAROLD R REINHART	SAGUACHE
2184	DEL NORTE	LYNN K WOODS	RIO GRANDE
3541	GREAT SAND DUNES N M	GREAT SAND DUNES N M	ALAMOSA
3951	HERMIT 7 ESE	MRS MABEL D WRIGHT	MINERAL
5322	MANASSA	SANDRA ZETTERQUIST	CONEJOS
5706	MONTE VISTA	MIKE HURST	RIO GRANDE
5711	MONTE VISTA REFUGE	ANNE MORKILL	RIO GRANDE
6559	PLATORO	UNION MINES	CONEJOS
7050	RIO GRANDE RESERVOIR	RALPH W CONKEY	HINSDALE
7337	SAGUACHE	THOMAS C ALEXANDER	SAGUACHE
7428	SAN LUIS	ZELDA GALLEGOS	COSTILLA
7430	SAN LUIS 1 E	CHARLES S MONDRAGON JR	COSTILLA
9181	WOLF CREEK PASS 1 E	STATE DIV OF HIGHWAYS	MINERAL