

Pawnee Standard Weather Field Form

Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Hail Index
0 No Hail
1 BB
2 Pea
3 Marble

Snow Cover
0 0%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 90%
10 100%

Cloud Cover
0 <10%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 90%
10 >100%

Missing Code
M All Fields

January 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (° F)	Minimum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Maximum Pan Temperature (° F)	Minimum Pan Temperature (° F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (hourly)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Atmosphere (mm)	Comments
			Day	Month	Year																		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-100
58		WN	1	01	96	0521	42	18	22	-	-	-	-	-	5233	-	0	1	-	0	2	-	
			2			0827	28	3	9	-	-	-	-	-	5406	-	0	0	-	0	4	-	
			3			0827	25	8	24	-	-	-	-	-	5438	-	0	0	-	2	9	-	
			4			0957	52	20	20	-	-	-	-	-	5680	-	0.15	2	-	10	9	-	
			5			0832	20	-1	5	-	-	-	-	-	5727	-	0.02	0	-	10	7	-	
			6			0536	16	-14	-13	-	-	-	-	-	5734	-	0	0	-	10	0	-	
			7			0957	29	-13	29	-	-	-	-	-	5753	-	0	0	-	10	2	-	
			8			0955	56	23	56	42	56	-	-	-	5793	-	0	1	-	10	4	-	
			9			0853	61	23	35	32	37	-	-	-	5852	-	0	0	-	0	3	-	
			10			0923	48	25	46	38	47	-	-	-	5896	-	0	2	-	0	9	-	
			11			0642	50	24	24	32	22	-	-	-	6073	-	0	0	-	0	1	-	
			12			0909	54	20	51	39	54	-	-	-	6118	-	0	1	-	0	1	-	
			13			0600	67	26	43	34	44	-	-	-	6148	-	0	1	-	0	0	-	
			14			0930	68	20	55	40	55	-	-	-	6261	-	0	0	-	0	0	-	
			15			0539	62	19	24	-	-	-	-	-	6281	-	0	0	-	0	3	-	
			16			0832	63	22	45	37	46	-	-	-	6378	-	0	2	-	0	2	-	
			17			0946	59	17	16	-	-	-	-	-	6540	-	0	3	-	0	9	-	
			18			0922	18	-2	14	-	-	-	-	-	6829	-	0	3	-	0	0	-	
			19			0542	27	-1	5	-	-	-	-	-	6883	-	0	0	-	0	4	-	
			20			0524	46	4	28	-	-	-	-	-	7064	-	0	2	-	0	0	-	
			21			0957	45	10	45	-	-	-	-	-	7218	-	0	0	-	0	4	-	
			22			0904	53	15	20	-	-	-	-	-	7291	-	0	1	-	0	9	-	
			23			0910	22	-1	22	-	-	-	-	-	7345	-	0.03	2	-	10	0	-	
			24			0526	31	11	11	-	-	-	-	-	7458	-	0	0	-	1	0	-	
			25			0955	42	4	13	-	-	-	-	-	7607	-	0.08	2	-	10	9	-	
			26			0950	13	-16	9	-	-	-	-	-	7659	-	0.08	1	-	10	1	-	
			27			0540	23	-5	1	-	-	-	-	-	7755	-	0	0	-	10	1	-	
			28			0552	37	-3	32	-	-	-	-	-	7790	-	0	1	-	10	0	-	
			29			0855	41	4	21	-	-	-	-	-	7978	-	0.01	0	-	3	9	-	
			30			0934	39	-5	-4	-	-	-	-	-	8063	-	0.16	1	-	10	9	-	
			31			0957	7	-4	6	-	-	-	-	-	8077	-	0.07	0	-	10	9	-	

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Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Hail Index
0 No Hail
1 DD
2 Pn
3 Marble

Snow Cover
0 0%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 90%
10 100%

Cloud Cover
0 < 10%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 > 90%

Missing Code
M All Fields

March 1996

Comments																						
60-100																						
9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7
Barometer (mm)	Snow Cover	Cloud Cover	Hail Index	Wind Index	Precipitation (inches)	Daily Solar Radiation (langley)	Cumulative Wind Travel (miles/day)	Evaporation (inches)	Minimum Pan Temperature (°F)	Maximum Pan Temperature (°F)	Dry Bulb Temperature (°F)	Wet Bulb Temperature (°F)	Current Temperature (°F)	Minimum Air Temperature (°F)	Maximum Air Temperature (°F)	Time (MST)	Date	Initials	Site	Data Type		
08-07	02-03	04	01	00	00	00-08	44-49	30-43	36-38	38-35	30-33	27-29	24-26	21-23	18-20	14-17	03 96	MDL	11	1-2		
1	0	2	1	3	0	1	820	1	1	1	1	1	1	19	38	0936				58		
1	0	5	1	3	0	1	1122	1	1	1	1	29	36	31	40	0810						
1	0	3	1	1	0	1	1263	1	1	1	1	32	42	16	49	0954						
1	0	5	1	0	0	1	1297	1	1	1	1	32	42	25	58	0923						
1	0	5	1	0	0	1	1329	1	1	1	1	1	1	14	59	0829						
1	0	5	1	0	0	1	1489	1	1	1	1	1	1	4	44	0910						
1	0	5	1	2	0	1	1541	1	1	1	1	1	1	4	25	0936						
1	0	5	1	1	0	1	1603	1	1	1	1	1	1	7	26	0945						
1	0	5	1	1	0	1	1623	1	1	1	1	1	1	14	36	0942						
1	0	8	1	0	0	1	1649	1	1	1	1	44	60	22	61	0939						
1	0	1	1	0	0	1	1677	1	1	1	1	43	59	34	70	0840						
1	0	1	1	0	0	1	1743	1	1	1	1	44	58	33	67	0926						
1	0	1	1	0	0	1	1773	1	1	1	1	38	42	22	58	0924						
1	0	1	1	0	0	1	1920	1	1	1	1	32	33	33	59	0907						
1	0	1	1	0	0	1	1977	1	1	1	1	36	41	27	38	0826						
1	0	1	1	2	0	1	2092	1	1	1	1	35	44	27	51	0955						
1	0	1	1	2	0	1	2180	1	1	1	1	32	32	31	49	0936						
1	0	1	1	3	0	1	2328	1	1	1	1	1	1	23	39	0940						
1	0	1	1	3	0	1	2526	1	1	1	1	1	1	19	37	0956						
1	0	1	1	1	0	1	2632	1	1	1	1	1	1	11	41	0908						
1	0	1	1	2	0	1	2727	1	1	1	1	37	43	28	53	0904						
1	0	1	1	2	0	1	2795	1	1	1	1	1	1	21	52	0844						
1	0	1	1	1	0	1	2839	1	1	1	1	1	1	28	56	0914						
1	0	1	1	3	0	1	3213	1	1	1	1	1	1	10	51	0952						
1	1	1	1	1	0	1	3406	1	1	1	1	1	1	-6	13	0941						
1	1	1	1	1	1	1	3431	1	1	1	1	1	1	3	30	0930						
1	1	1	1	1	1	1	3451	1	1	1	1	37	49	19	47	0933						
1	1	1	1	1	1	1	3503	1	1	1	1	31	36	29	57	0731						
1	0	1	1	1	1	1	3592	1	1	1	1	34	34	28	60	0952						
1	0	1	1	1	1	1	3687	1	1	1	1	39	39	31	54	0842						
1	0	1	1	1	0	1	3743	1	1	1	1	49	39	22	54	0956						

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Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Hail Index
0 No Hail
1 BB
2 Pea
3 Marble

Snow Cover
0 0%
4 40%
8 80%
10 100%

Cloud Cover
0 < 10%
4 40%
8 80%
10 > 100%

Missing Code
M All Fields

April 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (° F)	Minimum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Maximum Pan Temperature (° F)	Minimum Pan Temperature (° F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Anemometer (mm)	Comments
			Day	Month	Year																		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-100
58		MDL	1	04	96	0903	60	23	49	41	51	-	-	-	3768	-	0	1	-	0	9	-	
			2			0820	70	31	59	46	59	-	-	-	3803	-	0	1	-	0	7	-	
			3			0739	74	36	40	36	41	-	-	-	3972	-	0	3	-	0	9	-	
			4			0902	53	32	34	33	35	-	-	-	4091	-	0.18	1	-	0	9	-	
			5			0724	37	26	28	-	-	-	-	-	4170	-	0.01	1	-	10	9	-	
			6			0742	51	26	47	38	49	-	-	-	4224	-	0	2	-	0	5	-	
			7			0912	64	41	56	45	57	-	-	-	4358	-	0	3	-	0	2	-	
			8			0716	63	41	49	46	51	-	-	-	4436	-	0.02	1	-	0	2	-	
			9			0750	73	33	52	47	55	-	-	-	4537	-	0	0	-	0	0	-	
			10			0812	75	35	65	49	62	-	-	-	4559	-	0	0	-	0	8	-	
			11			0652	79	40	48	45	48	-	-	-	4629	-	T	2	-	0	9	-	
			12			0817	53	31	39	41	42	-	-	-	4798	-	.13	1	-	0	0	-	
			13			0846	58	31	31	31	32	-	-	-	4887	-	.01	1	-	0	9	-	
			14			1130	40	30	40	34	40	-	-	-	5139	-	.13	3	-	0	9	-	
			15			0735	46	24	45	37	47	-	-	-	5250	-	0	2	-	0	0	-	
			16			0846	61	31	57	44	58	-	-	-	5320	-	0	1	-	0	2	-	
			17			0912	71	38	63	46	64	-	-	-	5406	-	0	3	-	0	1	-	
			18			0607	67	28	35	30	37	-	-	-	5620	-	0	1	-	0	0	-	
			19			0855	61	31	42	32	40	-	-	-	5819	-	.07	3	-	0	4	-	
			20			0630	45	23	33	29	35	-	-	-	6010	-	0	1	-	0	2	-	
			21			0710	52	31	37	30	38	-	-	-	6153	-	0	2	-	0	9	-	
			22			0745	51	18	37	-	-	-	-	-	6277	-	0	1	-	0	8	-	
			23			0640	55	25	38	35	40	-	-	-	6337	-	0	1	-	0	2	-	
			24			0756	71	37	65	49	67	-	-	-	6421	-	0	1	-	0	7	-	
			25			0831	81	42	48	37	49	-	-	-	6693	-	0	3	-	0	1	-	
			26			0804	61	32	54	42	51	-	-	-	6921	-	0	2	-	0	4	-	
			27			0654	69	30	43	37	44	-	-	-	7121	-	0	0	-	0	1	-	
			28			0856	59	28	36	32	37	-	-	-	7337	-	0	2	-	0	9	-	
			29			0852	47	14	38	-	-	-	-	-	7467	-	.01	1	-	0	3	-	
			30			1024	57	36	45	40	45	-	-	-	7618	-	T	0	-	0	9	-	
			31			0723	55	33	38	37	39	-	-	-	7690	-	.05	0	-	0	9	-	

Pawnee Standard Weather Field Form

Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Hail Index
0 No Hail
1 DB
2 Pea
3 Marble

Snow Cover
0 0%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 90%
10 100%

Cloud Cover
0 > 10%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%
8 80%
9 > 90%

Missing Code
M All Fields

May 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (°F)	Minimum Air Temperature (°F)	Current Temperature (°F)	Wet Bulb Temperature (°F)	Dry Bulb Temperature (°F)	Maximum Pan Temperature (°F)	Minimum Pan Temperature (°F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langys)	Precipitation (inches)	Hail Index	Wind Index	Snow Cover	Cloud Cover	Ammometer (mm)	Comments
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-109
58			1	05	96	0723	55	33	38	37	39	-	-	-	7690	-	05	0	-	0	9	-	
			2			0609	57	33	37	36	39	-	-	-	7765	-	0	1	-	0	4	-	
			3			0614	68	33	42	41	44	-	-	-	7864	-	0	1	-	0	1	-	
			4			0600	71	33	39	38	42	-	-	-	7972	-	0	1	-	0	0	-	
			5			0832	70	31	47	39	49	-	-	-	8090	-	0	1	-	0	1	-	
			6			0736	64	38	52	48	52	-	-	-	8198	-	0	1	-	-	8	-	
			7			0915	72	45	47	48	49	-	-	-	8271	-	T	1	-	-	9	-	
			8			0822	65	40	65	51	67	66	42	13	8305	-	T	0	-	-	4	-	
			9			0842	77	50	50	50	51	78	48	24	8406	-	T	1	-	-	9	-	
			10			0540	53	35	35	34	35	55	37	13	8530	-	27	1	-	-	9	-	
			11			0944	57	35	57	51	61	60	36	10	8615	-	T	1	-	-	1	-	
			12			0956	72	41	65	54	66	74	45	26	8693	-	0	1	-	-	3	-	
			13			0623	68	38	47	47	49	76	46	22	8775	-	0	0	-	-	0	-	
			14			0634	79	42	66	51	69	81	48	38	8851	-	0	1	-	-	0	-	
			15			0624	85	48	60	52	63	79	50	42	8927	-	0	1	-	-	0	-	
			16			0624	87	54	59	58	61	83	51	28	8975	-	0	0	-	-	9	-	
			17			0624	89	57	61	49	62	83	53	44	9072	-	0	2	-	-	9	-	
			18			0529	78	46	58	48	59	73	47	43	9193	-	0	1	-	-	8	-	
			19			0926	87	46	67	50	63	81	42	59	9382	-	0	1	-	-	5	-	14+
			20			0614	70	44	46	41	48	76	41	6	9522	-	19	1	-	-	5	3	
			21			0604	65	35	40	41	42	65	40	25	9613	-	T	0	-	-	8	3	
			22			0559	71	39	51	48	53	87	41	26	9671	-	0	1	-	-	0	4	
			23			0705	81	50	54	52	55	90	50	30	9767	-	T	1	-	-	9	2	2.24
			24			0609	58	45	48	48	49	64	45	69	9876	-	1.08	1	-	-	9	0	2.43
			25			0854	50	44	44	43	44	52	43	37	0011	-	.31	1	-	-	9	0	
			26			0955	45	43	43	42	43	50	42	84	101	-	.85	1	-	-	9	0	
			27			0725	48	40	48	43	48	55	40	7	246	-	.19	2	-	-	9	0	
			28			0605	49	36	37	37	38	53	38	10	415	-	T	1	-	-	9	2	
			29			0715	44	38	43	43	44	52	37	0	475	-	.06	1	-	-	9	0	
			30			0625	69	42	51	52	53	75	42	15	577	-	T	1	-	-	9	3	
			31			0558	73	44	50	47	53	77	45	30	651	-	0	1	-	-	1	4	

Missing Code

M. All Field

M. All Field

M. All Field

M. All Field

M. All Field

M. All Field

M. All Field

M. All Field

M. All Field

June 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (° F)	Minimum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Maximum Pan Temperature (° F)	Minimum Pan Temperature (° F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley's)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Atmosphere (mm)	Comments
			Day	Month	Year																		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-100
58		MDL	1	06	96	0858	74	43	61	49	63	80	42	34	721	—	T	1	—	—	0	5	
			2			0931	71	41	65	50	67	74	42	34	830	—	0	1	—	—	0	5	
			3			0611	74	41	52	48	55	75	46	33	900	—	0	0	—	—	0	4	
			4			0552	76	50	47	50	53	80	47	30	948	—	0	0	—	—	6	4	
			5			0552	84	49	58	51	61	78	50	30	1014	—	0	0	—	—	0	6	
			6			0752	78	49	59	46	60	80	46	41	1156	—	0	1	—	—	2	6	
			7			0735	71	37	55	50	52	75	43	42	1288	—	0	0	—	—	1	6	
			8			0607	75	38	50	46	52	82	42	30	1327	—	0	0	—	—	0	5	
			9			0920	84	50	76	59	78	84	43	30	1393	—	02	0	—	—	2	6	
			10			0616	88	53	65	56	68	81	53	16	1459	—	17	1	—	—	0	2	
			11			0727	86	51	69	58	72	84	54	17	1548	—	24	0	—	—	1	4	
			12			0614	82	51	60	54	62	82	52	32	1619	—	0	1	—	—	1	6	
			13			0611	78	49	56	54	58	82	53	33	1700	—	0	0	—	—	0	5	
			14			0644	81	50	62	57	64	87	54	30	1744	—	04	0	—	—	0	5	
			15			0954	82	57	60	58	60	86	57	0	1820	—	30	1	—	—	9	6	
			16			0843	65	50	65	59	65	65	52	0	1851	—	03	0	—	—	0	0	
			17			0613	78	48	58	57	61	88	52	17	1877	—	07	0	—	—	0	3	
			18			0929	84	51	65	61	67	85	55	37	1936	—	0	1	—	—	0	4	
			19			0641	88	52	68	55	71	87	53	38	1982	—	0	1	—	—	0	7	
			20			0829	84	49	60	58	62	84	54	39	2059	—	0	1	—	—	9	7	
			21			0606	81	53	59	57	61	80	55	5	2111	—	24	0	—	—	7	2	
			22			0957	69	54	64	61	66	70	55	56	2179	—	72	1	—	—	9	2	
			23			0557	74	49	54	50	55	75	50	11	2239	—	03	1	—	—	0	2	
			24			0620	78	54	62	61	63	83	49	29	2299	—	0	2	—	—	9	4	
			25			0828	80	50	67	61	70	85	52	28	2475	—	94	1	—	—	0	4	
			26			0611	83	51	60	55	62	87	55	30	2474	—	T	0	—	—	0	6	
			27			0949	85	59	74	63	76	88	56	35	2534	—	T	1	—	—	9	6	
			28			0636	81	57	64	60	66	80	58	27	2579	—	0	0	—	—	9	4	
			29			0739	81	51	66	53	68	81	51	0	2641	—	17	2	—	—	0	4	
			30			0555	79	52	57	53	58	86	55	36	2688	—	0	0	—	—	2	3	
			31			0227	71	51	51	50	74	92	33	21	2940	—	—	—	—	—	1	3	

Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Pawnee Standard Weather Field Form
Hail Index
0 No Hail
1 BB
2 Fra
3 Marble

Snow Cover
0 0%
1 10%
2 20%
3 30%

4 Golfball
5 Larger

6 40%
7 50%
8 60%
9 70%

8 80%
9 90%
10 100%

Cloud Cover
0 > 10%
1 10%
2 20%
3 30%

Missing Code
M All Fields

July 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (°F)	Minimum Air Temperature (°F)	Current Temperature (°F)	Wet Bulb Temperature (°F)	Dry Bulb Temperature (°F)	Maximum Past Temperature (°F)	Minimum Past Temperature (°F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Atmosphere (mm)	Comments
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-109
58		MDL	1	07	96	0713	82	51	71	58	74	87	56	34	2760	—	0	1	—	—	1	3	
			2			0547	90	53	60	55	62	88	58	33	2791	—	0	0	—	—	0	5	
			3			0549	91	56	61	54	64	90	58	37	2808	—	0	1	—	—	4	7	
			4			0942	96	57	86	67	90	95	59	42	2853	—	0	1	—	—	0	9	
			5			0635	95	60	67	62	71	91	61	-40	2889	—	1.07	0	—	—	2	3	
			6			0829	89	57	70	64	73	86	57	24	2972	—	1.08	2	—	—	0	6	
			7			1031	78	54	75	65	77	87	57	28	3026	—	1	1	—	—	0	5	
			8			0600	85	58	58	49	59	91	55	30	3102	—	0	1	—	—	9	7	
			9			0546	70	58	61	59	62	77	54	30	3189	—	0	1	—	—	9	5	
			10			0632	64	55	55	56	57	66	55	-28	3279	—	0.36	0	—	—	9	1	
			11			0744	78	54	77	59	79	87	55	21	3336	—	0	1	—	—	0	4	
			12			0638	81	59	63	61	64	85	60	30	3414	—	1.07	1	—	—	7	5	
			13			1020	75	51	72	65	75	85	55	15	3423	—	0.35	1	—	—	1	4	
			14			0546	75	47	51	52	53	79	52	0	3532	—	0.38	1	—	—	0	3	
			15			0407	77	51	51	49	50	85	52	26	3557	—	0	0	—	—	1	4	
			16			0544	87	49	62	59	63	84	55	25	3595	—	0	0	—	—	9	6	
			17			0637	83	58	65	60	67	84	57	6	3687	—	1.29	0	—	—	8	5	
			18			0926	86	57	76	63	77	83	57	30	3752	—	1.01	0	—	—	7	5	
			19			0746	82	56	74	63	74	78	57	18	3793	—	0	0	—	—	4	4	
			20			0715	87	57	69	59	73	88	57	12	3854	—	1.27	1	—	—	2	5	
			21			1015	88	54	82	59	84	90	58	42	3914	—	0	1	—	—	0	9	
			22			0616	91	50	62	57	64	87	55	39	3664	—	0	2	—	—	0	8	
			23			0549	79	54	57	56	59	83	58	38	4073	—	0	0	—	—	0	5	
			24			0553	79	52	57	52	59	80	54	30	4156	—	1.01	1	—	—	8	4	
			25			0731	77	51	61	59	64	84	53	30	4218	—	0	1	—	—	3	5	
			26			0802	81	49	62	57	65	81	53	21	4278	—	0	1	—	—	1	4	
			27			0736	81	50	63	57	65	83	54	40	4324	—	0	0	—	—	0	5	
			28			1000	86	57	77	105	75	86	57	35	4396	—	0	0	—	—	1	7	
			29			0625	84	60	60	60	63	87	59	40	4440	—	1.45	0	4	—	9	Hail Damage	
			30			0926	72	59	68	61	67	85	58	11	4472	—	1.06	0	—	—	8	Broken	
			31			0630	79	55	62	61	65	84	58	10	4499	—	1.09		—	—	0	—	

Missing Code

Knitting Cone

Knitting Cone

M All Fields

1

Ar	
Clo	
Sac	
Ha	

September 1996																								
			Date			Time (MST)	Minimum Air Temperature (° F)	Maximum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Minimum Pan Temperature (° F)	Maximum Pan Temperature (° F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Atmosphere (mm)	Comments	
Data Type	Site	Initials	Day	Month	Year																			
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-100	
88	11	ML	1	09	96																			
			2			0704			65	52	70			74	6319	—	0	1	—	—	5	15	Measurements taken on the 2nd were for 3 days - 8/31 9/1 & 9/2	
			3			0704	88	48	61	49	66	79	49	27.5	6384	—	0	0	—	—	1	6		
			4			0709	92	47	60	54	63	82	49	44	6448	—	0	0	—	—	0	7		
			5			0657	91	49	59	55	61	81	51	35	6511	—	0	1	—	—	0	6		
			6			0710	92	52	52	51	51	83	52	16.5	6508	—	.11	1	—	—	9	5		
			7													—			—	—			} TOTAL for 3 days	
			8													—			—	—				
			9			0749	—	—	74	53	75	—	—	75	6751	—	—	2	—	—	0	11		
			10			0721	87	49	69	52	72	80	49	30	6802	—	0	0	—	—	0	7		
			11			0711	89	55	59	57	60	82	50	31	6862	—	0	2	—	—	9	6		
			12			0619	71	53	53	50	54	64	50	15	6955	—	0	2	—	—	9	2		
			13			0826	68	48	57	55	61	69	51	15	7016	—	0	1	—	—	7	2		
			14			11:05	75	53	64	57	65	77	53	15	7074	—	0	1	—	—	9	3		
			15			10:00	68	50	60	55	60	71	52	87	7127	—	.14	1	—	—	8	2		
			16			10:53	57	71	53	51	53	72	54	11	7162	—	trace	1	—	—	9	4		
			17			1021	73	48	65	48	64	76	45	29	7323	—	T	1	—	—	7	3		
			18			0655	66	39	44	44	45	65	43	11	7372	—	.01	1	—	—	9	2		
			19			0714	62	40	47	39	42	67	48	-37	7489	—	.56	3	—	—	1	2		
			20			0837	61	41	55	44	54	60	39	30	7644	—	T	2	—	—	9	3		
			21			0853	65	37	55	45	56	62	38	15	7722	—	T	0	—	—	9	3		
			22			0954	76	37	65	52	67	67	41	24	7785	—	0	1	—	—	7	4		
			23			0725	81	43	46	39	47	68	39	22	7921	—	T	3	—	—	1	2		
			24			0651	60	40	44	45	45	64	39	13	7987	—	.03	0	—	—	9	3		
			25			0629	69	44	51	47	53	64	44	-15	8043	—	.23	2	—	—	9	1		
			26			0917	57	31	45	37	47	53	35	8	8176	—	.06	0	—	—	3	1		
			27			0802	48	24	31	29	33	Froze	—	—	8243	—	0	0	—	—	1	—		
			28			0526	54	31	41	36	40	—	—	—	8379	—	0	0	—	—	0	—		
			29			0537	73	39	39	36	39	71	39	21	8429	—	0	0	—	—	0	—		
			30			0815	75	39	69	51	71	73	46	26	8476	—	0	2	—	—	3	13		
			31													—			—	—				

Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Hail Index
0 No Hail
1 DB
2 Pea
3 Marble

Snow Cover
0 0%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%

Cloud Cover
0 < 10%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%

Missing Code
M All Fields

October 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (°F)	Minimum Air Temperature (°F)	Current Temperature (°F)	Wet Bulb Temperature (°F)	Dry Bulb Temperature (°F)	Maximum Pan Temperature (°F)	Minimum Pan Temperature (°F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Astrometer (mm)	Comments
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-109
58		ML	1	10	96	0845	85	44	73	52	73	75	45	24	8534	—	0	1	—	0	1	—	
			2			0737	83	33	44	41	45	70	39	28	8637	—	0	1	—	0	8	—	
			3			0822	57	40	46	43	48	60	39	15	8721	—	0	0	—	0	9	—	
			4			0646	62	45	46	46	48	42	67	5	8755	—	04	1	—	0	0	—	
			5			0502	75	43	43	42	44	74	40	15	8772	—	0	0	—	0	0	—	
			6			1127	81	42	68	53	67	74	43	38	8849	—	0	1	—	0	5	—	
			7			0732	71	40	48	45	49	70	43	15	8875	—	0	1	—	0	0	—	
			8			0903	73	38	52	43	55	71	41	15	8926	—	0	2	—	0	0	—	
			9			0510	79	37	37	34	36	70	41	19	8990	—	0	0	—	0	0	—	
			10			0941	72	32	60	48	60	69	37	25	9016	—	0	0	—	0	0	—	
			11			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			12			0925	—	—	79	54	79	—	—	50	9110	—	0	2	—	0	0	—	
			13			0457	84	43	49	41	52	73	45	20	9114	—	0	1	—	0	0	—	
			14			0834	84	45	66	51	67	73	42	34	9228	—	0	2	—	0	9	—	
			15			1011	73	35	63	46	64	65	36	25	9330	—	0	1	—	0	1	—	
			16			0811	72	38	55	42	57	65	38	20	9369	—	0	2	—	0	1	—	
			17			0951	57	32	41	33	42	56	31	14	9614	—	07	3	—	0	8	—	
			18			0634	45	17	20	—	—	—	—	—	9896	—	0	0	—	0	0	—	
			19			0959	66	19	66	48	66	—	—	—	9742	—	0	1	—	0	2	—	
			20			1051	74	31	41	32	42	—	—	—	9953	—	03	2	—	0	9	—	
			21			0736	46	18	26	—	—	—	—	—	49.6	—	0	1	—	0	1	—	
			22			0746	43	15	39	—	—	—	—	—	176	—	0	2	—	0	9	—	
			23			0806	59	36	40	33	41	—	—	—	301	—	0	0	—	0	9	—	
			24			0509	54	23	23	—	—	—	—	—	347	—	0	0	—	0	0	—	
			25			0740	55	21	40	35	42	—	—	—	403	—	0	1	—	0	8	—	
			26			0927	55	32	33	32	34	—	—	—	639	—	08	3	—	9	9	—	
			27			1053	40	27	40	33	39	—	—	—	818	—	08	1	—	0	1	—	
			28			0927	57	21	52	41	51	—	—	—	842	—	0	0	—	0	1	—	
			29			1014	63	39	50	42	51	—	—	—	1031	—	0	3	—	0	4	—	
			30			0613	56	26	28	28	29	—	—	—	1182	—	0	1	—	0	8	—	
			31			0909	38	25	26	26	26	—	—	—	1263	—	0	1	—	0	9	—	

2

Air	Cloud	Snow	Hail	Wind
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Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (° F)	Minimum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Maximum Pan Temperature (° F)	Minimum Pan Temperature (° F)	Evaporation (Inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langley)	Precipitation (Inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Anemometer (km)	Comments
			Day	Month	Year																		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-100
58		MDL	1	11	96	0730	27	22	27	-	-	-	-	1283	-	0	0	-	-	0	0	-	
			2			0540	53	21	21	-	-	-	-	1356	-	0	0	-	-	0	0	-	
			3			0527	64	28	24	-	-	-	-	1381	-	0	1	-	-	0	0	-	
			4			1017	67	27	57	42	57	-	-	1519	-	0	3	-	-	0	4	-	
			5			1022	59	23	48	39	49	-	-	1598	-	0	1	-	-	0	7	-	
			6			0737	58	23	25	-	-	-	-	1797	-	0	2	-	-	0	4	-	
			7			0841	44	24	41	32	41	-	-	1949	-	0	3	-	-	0	0	-	
			8			0854	47	12	28	-	-	-	-	2125	-	0	1	-	-	1	1	-	
			9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			10			1043	-	-	65	46	66	-	-	2329	-	0	3	-	-	0	5	-	
			11			0845	68	19	46	-	-	-	-	2411	-	0	0	-	-	0	0	-	
			12			1120	56	15	55	41	53	-	-	2449	-	0	1	-	-	0	1	-	
			13			501	62	37	47	36	47	-	-	2470	-	0	1	-	-	0	0	-	
			14			0948	51	25	27	32	28	-	-	2527	-	0	0	-	-	0	0	-	
			15			0928	31	27	31	-	-	-	-	2548	-	0	0	-	-	0	9	-	
			16			0432	31	18	18	-	-	-	-	2647	-	0	2	-	-	10	9	-	
			17			1047	30	29	-2	-	-	-	-	2747	-	0	0	-	-	10	9	-	
			18			1022	36	15	36	-	-	-	-	2771	-	0	0	-	-	10	9	-	
			19			1038	59	30	59	49	60	-	-	2806	-	0	2	-	-	4	1	-	
			20			0457	70	36	45	40	46	-	-	2894	-	0	1	-	-	0	0	-	
			21			0949	64	27	30	30	30	-	-	3059	-	0	0	-	-	0	9	-	
			22			1011	45	26	41	39	43	-	-	3070	-	0	0	-	-	0	9	-	
			23			0448	58	29	31	31	32	-	-	3131	-	0	1	-	-	0	7	-	
			24			1107	36	13	28	-	-	-	-	3177	-	0	1	-	-	2	9	-	
			25			0922	48	23	48	38	48	-	-	3228	-	0	1	-	-	0	1	-	
			26			1042	54	29	32	32	32	-	-	3320	-	0	1	-	-	0	9	-	
			27			0512	35	23	23	-	-	-	-	3356	-	0	0	-	-	9	9	-	
			28			1046	48	19	48	38	47	-	-	3396	-	0	1	-	-	0	1	-	
			29			0508	52	22	32	-	-	-	-	3435	-	0	2	-	-	0	0	-	
			30			0517	37	20	20	-	-	-	-	3635	-	0	1	-	-	0	1	-	
			31																				

Data Type
58 Standard Weather

Site
11 Pawnee

Wind Index
0 No Wind
1 Light
2 Strong
3 Gusty

Pawnee Standard Weather Field Form

Hail Index
0 No Hail
1 DB
2 Fea
3 Marble

4 Golfball
5 Larger

Snow Cover
0 0%
1 10%
2 20%
3 30%

4 40%
5 50%
6 60%
7 70%

8 80%
9 90%
10 100%

Cloud Cover
0 > 10%
1 10%
2 20%
3 30%
4 40%
5 50%
6 60%
7 70%

8 80%
9 > 90%

Missing Code
M All Fields

December 1996

Data Type	Site	Initials	Date			Time (MST)	Maximum Air Temperature (° F)	Minimum Air Temperature (° F)	Current Temperature (° F)	Wet Bulb Temperature (° F)	Dry Bulb Temperature (° F)	Maximum Pan Temperature (° F)	Minimum Pan Temperature (° F)	Evaporation (inches)	Cumulative Wind Travel (miles/day)	Daily Solar Radiation (langleyes)	Precipitation (inches)	Wind Index	Hail Index	Snow Cover	Cloud Cover	Anemometer (mm)	Comments
			Day	Month	Year																		
1-2	3-4	5-7	8-9	10-11	12-13	14-17	18-20	21-23	24-26	27-29	30-32	33-35	36-38	39-43	44-49	50-55	56-59	60	61	62-63	64	65-67	68-109
58		MAL	1	12	96	1030	48	15	48	37	48	-	-	-	3754	-	0	1	-	0	8	-	
			2			0943	53	29	33	32	31	-	-	-	3887	-	0	3	-	0	3	-	
			3			1006	36	4	31	-	-	-	-	-	4036	-	0	1	-	0	1	-	
			4			0953	40	13	29	-	-	-	-	-	4135	-	0	2	-	0	1	-	
			5			0915	42	9	42	33	43	-	-	-	4277	-	0	3	-	0	9	-	
			6			0950	52	24	34	27	35	-	-	-	4480	-	0	2	-	0	9	-	
			7			1145	44	19	43	30	42	-	-	-	4657	-	0	3	-	0	1	-	
			8			0502	44	19	44	37	45	-	-	-	4733	-	0	0	-	0	0	-	
			9			1003	62	32	53	41	53	-	-	-	4784	-	0	0	-	0	9	-	
			10			0919	68	34	51	42	52	-	-	-	4816	-	0	1	-	0	9	-	
			11			0508	57	31	31	27	30	-	-	-	4931	-	0	0	-	0	0	-	
			12			0923	57	17	38	-	-	-	-	-	5063	-	0	1	-	0	0	-	
			13			0911	57	25	41	37	41	-	-	-	5147	-	0	1	-	0	1	-	
			14			1122	51	19	36	-	-	-	-	-	5332	-	0	3	-	0	6	-	
			15			0450	37	12	14	-	-	-	-	-	5463	-	0	1	-	0	0	-	
			16			0945	39	10	31	-	-	-	-	-	5580	-	T	2	-	0	9	-	
			17			1107	22	3	14	-	-	-	-	-	5870	-	0	3	-	0	7	-	
			18			0942	14	-6	14	-	-	-	-	-	6081	-	0	3	-	0	2	-	
			19			1005	29	-6	29	-	-	-	-	-	6195	-	0	3	-	0	9	-	
			20			1008	40	4	39	-	-	-	-	-	6274	-	0	0	-	0	9	-	
			21			0458	52	24	27	32	27	-	-	-	6363	-	0	0	-	0	6	-	
			22			1104	38	14	37	-	-	-	-	-	6406	-	0	1	-	0	4	-	
			23			0503	46	13	13	-	-	-	-	-	6465	-	0	1	-	0	8	-	
			24			0714	28	4	28	-	-	-	-	-	6562	-	0	2	-	0	7	-	
			25			1157	52	7	52	38	52	-	-	-	6717	-	0	1	-	0	3	-	
			26			0503	54	2	2	-	-	-	-	-	6795	-	0	0	-	0	9	-	
			27			1111	52	1	52	39	51	-	-	-	6875	-	0	1	-	0	3	-	
			28			0455	61	25	25	32	23	-	-	-	6943	-	0	1	-	0	1	-	
			29			1103	56	23	55	40	53	-	-	-	7059	-	0	1	-	0	4	-	
			30			0958	59	35	49	40	49	-	-	-	7115	-	0	1	-	0	9	-	
			31			0903	56	23	33	-	-	-	-	-	7144	-	0	0	-	0	8	-	