

J. N '88

Date	Day	Month	Year	Time (MST)	Temperature (°F)	Wet Bulb (°F)	Dry Bulb (°F)	Relative Humidity (%)	Wind Speed (mph)	Wind Direction	Precipitation (inches)	Barometer (inches)	Cloud Cover (%)	Moon Phase	Comments
11	01	88	0845	27	-4	3			2448		0	0	9	0	
									2493		0	0	9	0	
									2532		0	0	9	0	
									2559		0	0	9	0	
									2675		0	1	9	9	
									2680		.08	1	9	9	2" NOW SNOW
									2721		0	1	9	0	~3" NOW SNOW/SNOW
									2754		0	1	9	8	
									2808		0	1	9	8	
									2895		0	0	9	7	
									3021		0	0	9	7	
									3311		0	1	9	1	
									3484		0	1	9	0	
									3511		0	0	8	8	
									3630		0	0	7	7	
									3837		0	1	6	9	
									3883		0	1	6	7	
									3966		.12	1	6	7	Began to SNOW
									4441		.06	3	9	1	0830
									4581		0	1	9	0	3-4" SNOW
									4751		0	3	9	1	
									4942		0	3	9	1	
									5093		0	3	9	0	
									5371		0	2	9	8	
									5602		0	1	9	4	
									5871		0	1	6	0	
									5970		0	1	4	4	
									6071		0	1	4	0	
									6055		0	1	4	0	
									6124		0	2	2	0	
									6231		.08	1	1	9	Light SNOW

Began to SNOW
0830
3-4" SNOW

TOTAL
.34"
or
8.6mm

2" SNOW
Light SNOW

NOTE: Beginning

July 1, 1988

Pawnee Standard Weather Field Form

the reading at that time...

June

1988

Even though a Max value is that of previous day.

Data Type: 58 Standard Weather
 Site: 11 Pawnee
 Wind Index: 0 No Wind, 1 Light, 2 Strong, 3 Gusty
 Hall Index: 0 No Hall, 1 BB, 2 Pen, 3 Marble
 Snow Cover: 0 0%, 4 40%, 5 50%, 6 60%, 7 70%, 8 80%, 9 90%, 10 100%
 Cloud Cover: 0 <10%, 4 40%, 5 50%, 6 60%, 7 70%, 8 80%, 9 >90%
 Missing Code: M All Fields

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	Ammeter (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	11	DLH	1	06	88	0700	75	43	58	42	55	22	5	.47	3614	-	0	2	0	0	0	M	Windy
			2			0700	77	56	67	50	64	24	6.5	.41	3785	-	0	2	0	0	0		
			3			0715	78	49	64	56	65	28	10	.38	3906	-	0	0	0	0	0		
			4			0800	86	53	65	57	69	28	10	.47	4010	-	0	0	0	0	0		
			5			0815	85	57	68	60	69	28	12	.42	4175	-	0	1	0	0	0		
			6			0730	90	50	61	57	67	28	12	.39	4313	-	0	0	0	0	0		
			7			0730	93	57	80	56	80	31	12	.52	4384	-	0	1	0	0	0		
			8			0730	93	61	80	57	80	28	12	.43	4477	-	0	1	0	0	1		
			9			0815	87	62	75	60	75	27	15	.19	4555	-	.10	0	2	0	1		Small hail in P.M.
			10			0715	88	51	62	57	63	29	11	.37	4645	-	0	0	0	0	0		(New Water into Pan)
			11			0745	89	56	74	58	75	28	12	.30	4718	-	.02	0	0	0	1		
			12			0815	86	53	68	57	71	28	12	.36	4807	-	.01	0	0	0	1		
			13			0715	76	54	65	57	67	25	12	.01	4907	-	.19	1	0	0	5		(night rain event)
			14			0730	76	54	60	51	63	28	10	.32	5010	-	0	1	0	0	0		
			15			0715	80	51	63	56	68	27	12	.06	5080	-	.36	1	3	0	0		
			16			0647	83	51	62	57	65	28	11	.24	5164	-	0	1	0	0	1		
			17			0650	92	58	74	60	77	30	12	.40	5223	-	0	1	0	0	2		
			18			0735	92	58	78	65	83	28	13	.33	5286	-	0	1	0	0	7		
			19			0800	95	60	82	61	80	31	17	.45	5366	-	0	2	0	0	0		
			20			0645	95	59	77	60	78	32	15	.50	5427	-	0	0	0	0	1		
			21			0900	95	67	91	65	92	29	15	.37	5518	-	.06	1	0	0	1		
			22			0700	97	66	78	62	89	32	17	.22	5621	-	.14	1	0	0	2		
			23			0700	92	60	70	62	71	31	16	.35	5682	-	0	0	0	0	0		
			24			0530	101	60	66	56	65	32	16	.40	5734	-	0	0	0	0	0		
			25			0800	84	62	69	62	72	29	15	.27	5820	-	.59	0	0	0	0		
			26			0745	84	58	71	63	73	31	12	.30	5909	-	0	0	0	0	2		
			27			0745	85	58	69	62	69	30	15	.42	5996	-	0	0	0	0	4		
			28			0645	88	59	67	62	79	31	15	.42	6099	-	0	0	0	0	0		
			29			0730	84	65	73	60	71	31	16	.06	6204	-	.16	0	0	0	9		
			30			0715	m	60	50	54	60	m	13	m	6301	-	m	0	0	0	9		

Monthly Rain:
Total RAIN:
1.63
or
41.4MM

Monthly
 Total Rain:
 1.63
 or
 41.4 MM

Data Type
55 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 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

198
JULY

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	11	DLH	1	07	88	0730	74	44	62	57	62	26	12	.36	6405	M	0	1	0	0	4	6	3
			2			0830	85	53	78	63	85	30	13	.40	6478	M	0	0	0	0	1	7	10
			3			0815	93	57	88	62	91	26	13	.33	6537	M	T	1	0	0	0	7	17
			4			0630	97	59	73	59	77	30	14	.45	6621	M	0	0	0	0	0	10	27
			5			0730	95	57	78	61	79	32	14	.34	6680	M	0	0	0	0	0	7	34
			6			0700	93	63	77	59	77	32	15	.43	6741	M	0	0	0	0	3	10	44
			7			0700	93	64	71	58	72	30	15	.40	6824	M	.01	1	0	0	0	9	53
			8			0600	82	58	59	56	58	26	14	-1.04	6937	M	1.59	0	0	0	9	3	53
			9			0630	85	57	70	64	80	26	13	.22	7015	M	0	0	0	0	0	4	60
	✓	✓	10	✓	✓	0700	84	56	64	55	64	29	13	.29	7069	M	0	1	0	0	0	5	65
			11			0730	85	53	70	57	69	28	12	.35	7156	M	0	0	0	0	0	7	72
			12			0745	85	56	74	62	76	28	13	.27	7206	M	.01	0	0	0	3	6	78
			13			0645	93	64	77	56	76	26	13	.41	7309	M	0	1	0	0	0	9	87
			14			0630	95	66	70	59	69	31	14	.50	7404	M	T	0	0	0	7	10	97
			15			0715	95	63	76	58	75	28	15	.42	7495	M	0	0	0	0	4	8	105
			16			0800	96	57	73	59	72	27	15	.31	7577	M	0	1	0	0	3	9	114
			17			0745	90	62	67	60	66	30	15	.33	7657	M	0	1	0	0	1	5	119
			18			0745	87	59	64	59	64	28	14	.22	7759	M	.12	0	0	0	9	5	124
	✓	✓	19	✓	✓	0830	74	53	54	51	55	28	11	.12	7876	M	.20	0	0	0	9	4	128
			20			0700	72	46	58	52	58	24	11	.15	7903	M	0	0	0	0	0	3	131
			21			0645	80	46	62	52	63	28	10	.32	7957	M	0	0	0	0	0	7	138
			22			0700	95	54	69	59	72	30	11	.41	8012	M	0	0	0	0	0	9	147
			23			0730	94	56	84	56	86	31	13	.45	8098	M	0	1	0	0	0	10	157
			24			0915	94	54	75	62	79	26	12	.41	8220	M	.05	0	0	0	0	6	163
			25			0715	92	57	74	60	76	31	14	.37	8284	M	0	1	0	0	0	8	171
			26			0815	93	56	74	60	78	30	13	.39	8382	M	0	0	0	0	0	8	179
			27			0700	91	60	65	58	67	30	15	.35	8446	M	0	1	0	0	0	7	3
			28			0630	93	65	75	58	76	31	15	.39	8512	M	0	1	0	0	0	8	11
			29			0700	90	63	75	58	74	26	14	.39	8637	M	T	1	0	0	8	7	18
			30			0915	91	57	79	62	79	28	15	.38	8702	M	0	1	0	0	0	8	26
	✓	✓	31	✓	✓	0715	91	59	62	56	63	31	15	.40	8779	M	0	1	0	0	0	7	32

Total
RAIN

1.98"
50.3mm

Total
RAIN
1.98"
50.3mm

Data Type
55 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 Pea
3 Marble

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

4 Golfball
5 Larger
6 40%
7 50%
8 60%
9 70%

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

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

8 80%
9 90%
10 100%

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

0 < 10%
1 10%
2 20%
3 30%

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

8 80%
9 90%
10 100%

0 < 10%
1 10%
2 20%
3 30%

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

8 80%
9 90%
10 100%

0 < 10%
1 10%
2 20%
3 30%

September

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	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
55	11	DLH	1	09	88	0645	92	62	62	49	61	22	11	.36	1334	M	0	2	0	0	2	7	7
			2			0730	83	56	72	59	75	25	11	.32	1418	M	0	1	0	0	0	6	13
			3			0730	87	51	69	53	70	26	8	.40	1504	M	0	1	0	0	0	7	20
			4			0730	82	46	61	48	68	24	6	.44	1632	M	0	0	0	0	0	6	26
			5			0740	83	43	65	50	69	24	7	.32	1692	M	0	0	0	0	0	7	33
			6			0730	87	52	57	43	55	26	8	.34	1715	M	0	0	0	0	0	7	40 Hazy/due to
			7			0700	90	55	65	47	65	22	8	.24	1795	M	0	1	0	0	0	6	46 Yellowstone
			8			0645	95	56	61	42	59	25	9	.61	1944	M	0	2	0	0	0	11	56 (windy) Smoke
			9			0700	83	44	54	43	56	24	7	.35	2030	M	0	0	0	0	0	6	62
			10			0830	92	54	81	50	84	25	7	.35	2087	M	0	0	0	0	3	9	71
			11			0730	91	52	65	53	66	24	12	.30	2167	M	0	1	0	0	2	6	77
			12			0710	73	42	42	39	39	19	4	-.47	2346	M	.70	1	2	0	9	2	79 Drizzling
			13			0715	46	41	46	43	44	8	4	-.06	2417	M	.06	1	0	0	9	0	79 overcast
			14			0710	56	46	50	47	48	14	6	-.06	2462	M	.09	0	0	0	9	1	80 "
	✓	✓	15	✓	✓	0700	58	39	45	43	45	14	5	-.09	2505	M	.10	0	0	0	1	0	80
			16			0650	64	44	50	46	49	19	5	.09	2547	M	.01	0	0	0	0	2	82
			17			0910	81	48	76	53	77	24	6	.25	2611	M	0	1	0	0	0	6	88
			18			0700	84	54	58	49	60	25	9	.31	2673	M	0	0	0	0	0	6	94
			19			0715	83	44	51	36	49	21	3	.40	2908	M	0	2	0	0	0	5	99 Very Windy
			20			0715	75	36	54	43	57	19	3	.24	2985	M	0	1	0	0	0	4	103
			21			0630	82	52	56	45	55	22	4	.31	3067	M	0	1	0	0	9	7	110
			22			0700	83	53	59	48	54	23	9	.21	3125	M	0	1	0	0	9	5	115
			23			0700	70	40	45	44	46	18	6	.02	3185	M	.08	0	0	0	0	2	117
			24			0740	74	46	63	50	64	22	6	.21	3239	M	0	1	0	0	0	4	121
			25			0715	83	47	59	47	59	23	7	.26	3304	M	0	1	0	0	4	6	127
			26			0650	84	50	57	41	54	24	6	.29	3378	M	0	1	0	0	0	6	133
			27			0700	84	55	55	48	53	23	7	.30	3453	M	0	1	0	0	4	6	139
			28			0710	75	45	46	39	43	23	5	.29	3603	M	0	1	0	0	3	5	144%
			29			0700	60	40	40	33	40	13	3	.27	3804	M	0	1	0	0	0	2	2
	✓	✓	30	✓	✓	0645	68	36	40	36	40	16	3	.24	3921	M	0	1	0	0	0	4	6

Pawnee Standard Weather Field Form

Data Type 56 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 Golfball
5 Larger
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

November

NOVEMBER																								
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	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	68-109	
58	11	DLH	1	11	88	0800	70	33	57	40	55	16	3	.16	6332	M	0	0	0	0	0	M		
			2			0745	74	43	58	43	55	M	M	M	6390	M	0	2	0	0	0	M		
			3			0745	70	42	47	40	49	M	M	M	6505	M	0	0	0	0	1	M		
			4			0800	65	41	46	38	45	M	M	M	6742	M	0	0	0	0	1	M		
			5			0810	58	38	43	34	42	M	M	M	6917	M	.02	2	0	0	2	M		
			6			0820	59	25	47	36	45	M	M	M	7115	M	0	1	0	0	5	M		
			7			0800	62	35	45	32	43	M	M	M	7220	M	0	2	0	0	0	M		
			8			0800	60	25	39	M	M	M	M	M	7301	M	0	1	0	0	1	M		
			9			0800	66	37	39	37	38	M	M	M	7411	M	.01	0	0	0	7	M		
			10	Y	Y	0745	52	20	29	M	M	M	M	M	7517	M	0	0	0	0	7	M		
			11			0815	42	30	37	30	35	M	M	M	7544	M	0	1	0	0	9	M		
			12			0900	51	22	43	M	M	M	M	M	7704	M	.01	2	0	0	0	M		
			13			0815	60	35	49	M	M	M	M	M	7793	M	0	1	0	0	0	M		
			14			0800	60	27	44	M	M	M	M	M	7846	M	0	1	0	0	0	M		
			15			0815	72	29	29	M	M	M	M	M	8020	M	.05	2	0	9	1	M	1/2": First snow	
			16			0745	38	25	32	M	M	M	M	M	8208	M	0	1	0	1	3	M		
			17			0815	47	13	23	M	M	M	M	M	8317	M	0	0	0	0	0	M		
			18			0815	43	22	33	M	M	M	M	M	8390	M	0	0	0	0	0	M		
			19			0930	43	14	37	M	M	M	M	M	8512	M	0	1	0	0	0	M		
			20	Y	Y	0830	44	13	20	M	M	M	M	M	8586	M	0	0	0	0	2	M		
			21			0800	48	18	27	M	M	M	M	M	8611	M	0	1	0	0	1	M		
			22			0745	51	17	27	M	M	M	M	M	8678	M	0	0	0	0	2	M		
			23			0745	59	28	36	M	M	M	M	M	8731	M	0	1	0	0	8	M		
			24			0910	60	31	46	M	M	M	M	M	8776	M	0	3	0	0	2	M		
			25			0845	48	27	29	M	M	M	M	M	8713	M	T	1	0	1	4	M	Light snow	
			26			1000	37	21	34	M	M	M	M	M	9065	M	0	1	0	0	0	M		
			27			0930	38	14	25	M	M	M	M	M	9223	M	0	2	0	0	0	M		
			28			0815	33	13	31	M	M	M	M	M	9319	M	0	1	0	0	2	M		
			29			0830	62	19	25	M	M	M	M	M	9506	M	.07	1	0	9	4	M	1" snow	
			30	Y	Y	0800	35	25	31	M	M	M	M	M	9705	M	0	2	0	7	5	M		

Total = .16
" = 4.1 mm

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 Pea
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

DECEMBER																							
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	68-109
58			1	12	88	0640	47	31	40	M	M	M	M	M	9792	M	0	0	0	0	1	M	
			2			0614	63	29	29	M	M	M	M	M	9841	M	0	0	0	0	0	M	
			3			0815	69	23	38	M	M	M	M	M	9873	M	0	1	0	0	0	M	
			4			0700	55	16	16	M	M	M	M	M	9907	M	0	0	0	0	0	M	
			5			0815	61	16	30	M	M	M	M	M	9938	M	0	0	0	0	0	M	
			6			0745	65	30	37	M	M	M	M	M	0047	M	0	1	0	0	0	M	
			7			0815	54	28	32	M	M	M	M	M	0106	M	0	1	0	9	9	M	~ 3" SNOW
			8			0800	33	16	17	M	M	M	M	M	0140	M	.25	0	0	9	9	M	~ 1" more snow
			9			0800	28	5	28	M	M	M	M	M	0203	M	0	0	0	9	0	M	
			10	✓	✓	0715	45	27	35	M	M	M	M	M	0221	M	0	0	0	9	0	M	
			11			0800	42	23	32	M	M	M	M	M	0240	M	0	1	0	9	3	M	
			12			0800	38	16	38	M	M	M	M	M	0401	M	0	1	0	8	9	M	
			13			0745	56	30	39	M	M	M	M	M	0504	M	0	0	0	0	1	M	
			14			0720	64	29	29	M	M	M	M	M	0720	M	0	2	0	0	6	M	
			15			0810	32	16	16	M	M	M	M	M	0846	M	.74	0	0	9	9	M	~ 1"-2" SNOW
			16			0800	26	0	24	M	M	M	M	M	0899	M	.05	0	0	9	0	M	
			17			0900	43	22	40	M	M	M	M	M	0955	M	0	0	0	9	0	M	
			18			0815	49	23	32	M	M	M	M	M	0968	M	0	0	0	8	0	M	
			19			0830	60	28	34	M	M	M	M	M	0961	M	0	0	0	1	0	M	
			20	✓	✓	0845	51	28	28	M	M	M	M	M	1154	M	0	0	0	1	9	M	
			21			0815	44	18	24	M	M	M	M	M	1173	M	0	0	0	1	2	M	
			22			0800	47	22	31	M	M	M	M	M	1303	M	0	3	0	0	3	M	
			23			1000	37	14	31	M	M	M	M	M	1157	M	0	0	0	6	9	M	
			24			0930	38	19	30	M	M	M	M	M	1583	M	0	1	0	0	1	M	
			25			0730	33	12	14	M	M	M	M	M	1612	M	0	0	0	0	9	M	
			26			0915	34	13	23	M	M	M	M	M	1701	M	.16	1	0	9	7	M	2'-3" SNOW
			27			1130	20	-7	21	M	M	M	M	M	1770	M	0	1	0	9	9		
			28			0830	26	-6	8	M	M	M	M	M	1814	M	0	0	0	9	0	M	
			29			0815	31	-2	10	M	M	M	M	M	1859	M	0	0	0	9	0	M	
			30			0830	33	8	18	M	M	M	M	M	1878	M	0	0	0	9	0	M	
			31	✓	✓	0830	41	13	19	M	M	M	M	M	1891	M	0	0	0	8	0	M	