

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 900 ft. Lat: 44.6500° N Lon: 93.6356° W
Station: JORDAN 1SSW, MN US USC00214176

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	21.9	5.3	13.6	4.8	6.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1283.1	1345.1	1438.2	1593.3	0.0	0.0	0.1	23.8	30.8	12.3
02	26.5	9.2	17.8	6.0	7.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1040.0	1096.0	1180.1	1320.1	0.0	0.0	0.6	18.4	27.3	8.6
03	39.5	21.4	30.4	6.1	5.2	5.6	3.2	2.0	0.8	0.1	0.0	0.0	764.3	825.1	916.9	1071.1	0.0	0.0	6.6	8.1	25.5	2.3
04	54.8	33.9	44.3	4.9	3.9	4.3	22.1	14.5	7.3	1.8	0.3	0.1	341.6	394.1	476.8	621.4	0.0	0.1	20.1	0.9	12.6	0.0
05	67.2	46.2	56.7	3.7	3.1	3.2	136.8	105.3	67.7	27.6	8.0	4.3	84.2	114.7	170.0	284.9	0.0	0.5	29.8	0.0	1.8	0.0
06	77.2	57.4	67.3	2.4	2.1	2.0	372.0	315.6	235.8	120.7	44.7	26.9	3.2	6.7	16.9	51.7	0.0	1.5	30.0	0.0	0.0	0.0
07	80.7	61.1	70.9	3.3	2.4	2.7	492.9	431.1	339.0	194.6	81.3	50.4	0.1	0.3	1.2	11.7	0.0	2.7	31.0	0.0	0.0	0.0
08	78.2	58.4	68.3	2.6	2.7	2.5	412.5	351.3	262.0	131.5	45.2	25.5	0.3	1.1	4.8	29.2	0.0	0.9	31.0	0.0	0.0	0.0
09	71.5	50.3	60.9	3.2	3.2	3.0	215.4	172.6	116.7	51.0	15.6	8.3	38.6	55.8	89.8	174.0	0.0	0.4	29.9	0.0	0.9	0.0
10	57.9	37.5	47.7	3.8	3.0	3.2	41.1	28.5	15.9	5.1	0.8	0.3	267.3	316.8	397.2	541.4	0.0	0.0	23.5	0.3	10.1	0.0
11	41.1	25.0	33.0	6.8	4.9	5.7	2.7	1.3	0.4	0.0	0.0	0.0	661.2	719.8	808.9	958.5	0.0	0.0	8.0	7.5	23.1	0.7
12	27.4	12.3	19.8	5.4	5.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1089.5	1151.5	1244.6	1399.6	0.0	0.0	0.6	19.2	30.3	6.9
Summary	53.7	34.8	44.2	4.4	4.2	4.1	1699	1422	1046	532	196	116	5573	6027	6745	8057	0.0	6.1	211.2	78.2	162.4	30.8

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.81	4.7	2.3	0.3	0.1	0.38	0.69	0.99
02	0.89	3.8	2.2	0.4	0.1	0.46	0.90	1.21
03	1.76	5.9	3.5	1.0	0.3	1.22	1.50	2.28
04	2.81	8.2	6.1	2.2	0.7	1.87	2.45	3.36
05	4.47	10.6	7.9	3.5	1.1	2.90	4.09	5.37
06	5.06	10.3	7.7	3.0	1.5	3.32	4.52	6.22
07	3.76	9.9	6.6	2.7	1.2	2.17	3.27	5.42
08	5.19	8.6	5.8	3.1	1.5	3.32	4.54	6.64
09	3.20	7.8	5.3	2.0	0.8	1.98	2.53	4.85
10	2.66	7.2	4.5	2.0	0.5	1.52	2.58	3.67
11	1.55	5.2	3.2	1.1	0.3	0.75	1.22	1.90
12	1.16	5.4	3.4	0.5	0.1	0.49	0.98	1.75
Summary	33.32	87.6	58.5	21.8	8.2	20.38	29.27	43.66

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	6.40	4.0	2.0	0.6	0.4	0.1	23.9	16.6	11.9	5.0	3.50	5.10	9.00
02	10.20	3.0	2.1	0.6	0.2	0.1	16.9	15.3	12.4	7.6	3.90	10.70	13.90
03	5.20	1.7	1.1	0.5	0.3	0.0	10.9	8.9	6.4	2.6	0.90	5.70	7.90
04	3.60	0.9	0.6	0.4	0.3	0.0	1.4	0.9	0.5	0.1	0.00	0.00	4.80
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.40	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
11	3.00	1.3	0.8	0.3	0.2	0.0	2.4	0.9	0.4	0.1	0.00	1.70	5.50
12	11.00	3.5	2.0	1.0	0.6	0.1	15.2	10.6	7.7	2.0	4.00	6.50	14.30
Summary	39.8	14.5	8.7	3.4	2.0	0.3	70.8	53.3	39.3	17.4	12.3	29.7	55.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.1	2.8	42.5	198.0	519.4	818.7	957.6	877.1	627.2	276.1	56.1	2.3
45	0.0	0.8	19.9	112.0	372.8	668.7	802.6	722.1	479.6	168.3	25.8	0.5
50	0.0	0.2	8.5	54.4	241.3	519.1	647.6	567.1	339.3	90.3	9.9	0.1
55	0.0	0.0	3.2	22.1	136.8	372.0	492.9	412.5	215.4	41.1	2.7	0.0
60	0.0	0.0	0.8	7.3	67.7	235.8	339.0	262.0	116.7	15.9	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.5	26.9	120.2	298.2	521.3	640.4	569.1	379.4	158.4	31.8	1.2

Growing Degree Units (Accumulated Monthly)												
40	0	3	45	243	763	1582	2539	3416	4043	4320	4376	4378
45	0	1	21	133	506	1174	1977	2699	3178	3347	3373	3373
50	0	0	9	63	304	824	1471	2038	2378	2468	2478	2478
55	0	0	3	25	162	534	1027	1440	1655	1696	1699	1699
60	0	0	1	8	76	312	651	913	1029	1045	1046	1046
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	28	149	447	968	1609	2178	2557	2716	2747	2748

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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