

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1118 ft. Lat: 41.0408° N Lon: 96.3811° W
Station: ASHLAND #2, NE US USC00250375

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	32.7	13.3	23.0	5.5	4.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	991.7	1053.8	1146.8	1301.8	0.0	0.0	3.9	14.4	30.2	6.0
02	37.7	17.0	27.4	6.7	5.7	6.0	0.4	0.2	0.1	0.0	0.0	0.0	774.4	830.3	914.1	1054.0	0.0	0.0	6.5	9.9	25.8	2.9
03	50.6	27.6	39.1	5.9	4.3	4.7	15.3	10.2	5.3	1.4	0.1	0.0	508.3	565.2	653.3	804.4	0.0	0.0	16.6	2.7	22.6	0.7
04	62.6	38.2	50.4	4.2	3.9	3.9	64.8	46.9	27.6	9.4	2.2	0.9	202.9	244.9	315.6	447.4	0.0	0.5	25.2	0.2	8.6	0.0
05	73.3	50.1	61.7	3.8	3.2	3.2	244.2	199.6	141.9	68.8	25.2	15.0	36.5	53.9	89.2	171.2	0.0	1.9	30.6	0.0	0.6	0.0
06	83.2	61.5	72.3	2.9	2.3	2.4	521.1	462.0	374.9	237.9	124.2	88.9	0.8	1.7	4.6	17.6	0.2	7.4	30.0	0.0	0.0	0.0
07	87.2	65.6	76.4	3.6	2.6	2.9	663.3	601.3	508.3	355.9	214.3	163.7	0.0	0.0	0.0	2.5	2.1	12.3	31.0	0.0	0.0	0.0
08	85.2	63.0	74.1	3.2	2.6	2.6	592.0	530.1	438.0	289.2	157.5	114.2	0.0	0.1	1.0	7.2	1.3	9.6	31.0	0.0	0.0	0.0
09	78.5	53.4	65.9	3.5	3.6	3.2	341.8	289.7	218.4	122.0	56.4	38.2	13.4	21.3	40.0	93.6	0.1	4.5	29.9	0.0	0.2	0.0
10	65.4	40.9	53.2	4.0	2.5	3.0	100.9	75.6	46.1	17.6	5.2	3.1	158.3	194.9	258.4	385.0	0.0	0.6	28.4	0.1	6.3	0.0
11	49.8	28.1	38.9	6.4	4.3	5.1	9.5	5.8	2.4	0.4	0.0	0.0	490.9	547.2	633.8	781.9	0.0	0.0	16.0	3.0	20.5	0.1
12	37.1	18.4	27.7	4.9	4.5	4.5	0.1	0.1	0.0	0.0	0.0	0.0	844.7	906.6	999.6	1154.6	0.0	0.0	5.6	11.1	29.7	2.5
Summary	61.9	39.8	50.8	4.5	3.7	3.9	2553	2221	1763	1103	585	424	4022	4420	5056	6221	3.7	36.8	254.7	41.4	144.5	12.2

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	0.85	4.4	2.7	0.4	0.0	0.49	0.92	1.18
02	0.98	4.6	2.7	0.7	0.1	0.65	0.83	1.21
03	1.67	5.8	3.9	1.3	0.3	0.85	1.38	2.64
04	3.18	8.5	6.1	2.1	0.7	2.15	3.14	4.05
05	5.19	10.9	8.3	3.7	1.2	2.48	4.44	7.35
06	4.48	9.2	7.1	3.1	1.6	2.97	3.92	5.62
07	3.68	8.1	5.5	2.4	1.1	1.56	3.12	4.60
08	3.96	8.1	5.9	2.7	1.3	1.26	2.84	6.06
09	3.19	6.4	4.9	1.8	0.9	1.85	2.84	4.09
10	2.40	6.4	4.4	1.5	0.7	1.06	2.11	3.60
11	1.42	4.4	3.0	1.0	0.3	0.89	1.16	2.16
12	1.29	4.5	3.0	0.8	0.1	0.50	1.06	1.67
Summary	32.29	81.3	57.5	21.5	8.3	16.71	27.76	44.23

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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	5.70	3.2	1.9	1.0	0.3	0.0	11.2	6.1	3.7	1.6	1.90	3.90	6.40
02	6.20	3.4	2.1	0.8	0.4	0.0	9.1	6.6	4.1	0.5	3.60	6.50	8.80
03	3.20	1.3	0.8	0.4	0.2	0.0	1.4	0.9	0.6	0.3	0.00	1.00	6.50
04	0.90	0.4	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
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	0.60	0.2	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	0.8	0.4	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.10	1.10
12	4.80	2.3	1.5	0.6	0.3	0.0	7.8	5.5	3.1	0.5	1.90	3.00	6.00
Summary	22.1	11.6	7.1	3.1	1.2	0.0	30.2	19.1	11.5	2.9	7.4	14.5	28.8

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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	7.0	24.5	133.5	339.3	672.9	970.2	1128.2	1056.9	778.4	423.7	115.6	15.8
45	1.3	9.6	72.8	222.5	519.7	820.2	973.2	901.9	629.1	293.1	58.2	4.2
50	0.1	2.7	36.4	129.6	373.5	670.2	818.2	746.9	482.3	183.7	25.7	1.0
55	0.0	0.4	15.3	64.8	244.2	521.1	663.3	592.0	341.8	100.9	9.5	0.1
60	0.0	0.1	5.3	27.6	141.9	374.9	508.3	438.0	218.4	46.1	2.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	9.3	23.1	102.0	213.3	411.2	644.4	763.5	707.7	494.5	264.8	82.7	15.3

Growing Degree Units (Accumulated Monthly)												
40	7	32	165	504	1177	2147	3276	4332	5111	5535	5650	5666
45	1	11	84	306	826	1646	2619	3521	4150	4443	4502	4506
50	0	3	39	169	542	1212	2031	2778	3260	3444	3469	3470
55	0	0	16	80	325	846	1509	2101	2443	2544	2553	2553
60	0	0	5	33	175	550	1058	1496	1714	1761	1763	1763
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	32	134	348	759	1403	2167	2874	3369	3634	3716	3732

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