

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3153 ft. Lat: 40.8433° N Lon: 101.2094° W
Station: WALLACE 2W, NE US USC00258920
Generated on 05/22/2024

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	39.3	13.0	26.2	5.2	3.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	894.3	956.3	1049.3	1204.3	0.0	0.0	7.7	9.6	30.7	4.3
02	42.2	15.2	28.7	7.2	4.7	5.7	0.2	0.1	0.0	0.0	0.0	0.0	736.4	792.3	876.2	1016.2	0.0	0.0	9.6	8.0	27.3	2.9
03	52.9	23.3	38.1	5.5	3.5	4.3	4.7	2.3	0.6	0.0	0.0	0.0	528.7	588.4	679.6	834.0	0.0	0.0	18.6	3.1	26.3	0.8
04	61.5	32.0	46.7	3.7	2.8	2.9	25.7	16.3	7.5	1.3	0.2	0.0	273.1	323.7	404.9	548.7	0.0	0.1	24.0	0.8	15.1	0.0
05	71.5	44.2	57.9	3.9	2.4	2.9	167.3	131.2	85.2	32.6	8.6	4.5	78.9	104.9	151.8	254.3	0.0	1.6	29.6	0.0	2.5	0.0
06	83.2	55.1	69.1	4.0	2.2	2.8	428.3	370.8	287.5	164.4	73.6	48.9	4.0	6.4	13.2	40.1	0.8	7.5	29.9	0.0	0.0	0.0
07	89.0	60.3	74.6	3.1	1.8	2.2	608.9	547.1	454.5	303.5	166.3	119.7	0.0	0.1	0.5	4.5	2.5	14.7	31.0	0.0	0.0	0.0
08	86.8	57.5	72.2	3.6	2.3	2.6	532.2	470.9	380.3	235.8	113.4	76.1	0.7	1.4	3.7	14.2	1.6	11.3	31.0	0.0	0.0	0.0
09	79.0	47.3	63.2	3.7	3.0	3.0	271.4	223.8	159.7	76.3	25.1	13.1	27.0	39.4	65.4	131.9	0.3	5.8	29.5	0.0	0.8	0.0
10	65.3	33.8	49.6	4.6	2.8	3.4	51.9	34.9	17.3	3.6	0.4	0.1	220.7	265.8	341.2	482.5	0.0	0.4	26.9	0.6	12.6	0.0
11	51.5	22.9	37.2	5.7	3.3	4.2	3.0	1.4	0.2	0.0	0.0	0.0	537.0	595.4	684.2	834.0	0.0	0.0	17.1	3.4	26.9	0.4
12	41.0	14.2	27.6	4.2	3.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	849.2	911.1	1004.1	1159.1	0.0	0.0	8.5	8.4	30.7	2.8
Summary	63.6	34.9	49.3	4.5	3.0	3.5	2094	1799	1393	818	388	262	4150	4585	5274	6524	5.2	41.4	263.4	33.9	172.9	11.2

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	0.30	2.9	0.7	0.1	0.0	0.10	0.21	0.43	
02	0.56	4.0	1.6	0.2	0.0	0.25	0.46	0.81	
03	0.88	5.2	2.6	0.4	0.0	0.34	0.84	1.19	
04	2.22	7.7	5.0	1.3	0.4	1.30	1.83	3.31	
05	3.47	10.3	7.0	2.5	1.0	1.87	3.35	4.76	
06	3.83	9.6	6.9	2.4	0.9	1.98	4.11	5.55	
07	3.24	8.1	6.1	2.3	0.9	2.15	2.96	4.33	
08	2.65	6.8	4.7	1.7	0.7	1.24	1.85	3.89	
09	1.56	5.5	3.6	0.9	0.3	0.75	1.27	2.22	
10	1.66	5.7	3.6	1.1	0.3	0.70	1.43	2.26	
11	0.51	3.2	1.2	0.2	0.0	0.09	0.53	0.82	
12	0.49	3.0	1.0	0.1	0.0	0.11	0.37	0.51	
Summary	21.37	72.0	44.0	13.2	4.5	10.88	19.21	30.08	

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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	3.40	2.4	1.6	0.4	0.2	0.0	12.4	5.7	2.1	0.1	1.00	2.50	4.00
02	5.60	3.1	2.6	0.5	0.2	0.0	11.1	5.8	3.2	0.6	2.00	5.50	9.00
03	3.10	2.4	1.8	0.3	0.1	0.0	4.9	2.0	0.8	0.0	0.90	3.20	4.50
04	3.20	1.4	1.4	0.4	0.1	0.0	2.1	0.7	0.2	0.0	1.00	2.00	4.70
05	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	1.50	0.7	0.6	0.2	0.1	0.0	1.2	0.5	0.3	0.0	0.00	0.00	1.00
11	2.40	1.6	1.1	0.2	0.0	0.0	3.7	1.0	0.2	0.0	0.90	2.30	4.00
12	2.70	2.3	1.6	0.2	0.0	0.0	8.6	2.4	0.3	0.0	1.00	2.00	4.00
Summary	22.0	14.0	10.8	2.2	0.7	0.0	44.1	18.1	7.1	0.7	6.8	17.5	31.2

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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	9.9	25.5	109.1	247.3	555.6	874.3	1074.0	996.5	695.2	330.6	88.8	13.2
45	2.1	8.4	50.6	144.5	409.4	724.5	919.0	841.5	547.6	211.0	39.8	2.9
50	0.3	2.2	18.6	69.3	276.8	575.4	763.9	686.6	403.7	116.2	13.4	0.3
55	0.0	0.2	4.7	25.7	167.3	428.3	608.9	532.2	271.4	51.9	3.0	0.0
60	0.0	0.0	0.6	7.5	85.2	287.5	454.5	380.3	159.7	17.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	24.2	41.3	120.7	198.4	345.4	546.2	687.8	634.7	441.0	254.3	100.1	29.6

Growing Degree Units (Accumulated Monthly)												
40	10	35	144	392	947	1822	2896	3892	4587	4918	5007	5020
45	2	10	61	206	615	1340	2258	3100	3648	3859	3898	3901
50	0	2	21	90	367	943	1706	2393	2797	2913	2926	2927
55	0	0	5	31	198	626	1235	1767	2039	2091	2094	2094
60	0	0	1	8	93	381	835	1216	1375	1393	1393	1393
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	24	66	186	385	730	1276	1964	2599	3040	3294	3394	3424

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