

Summary of Monthly Normals
1991-2020

Generated on 04/19/2024

Current Location: Elev: 1055 ft. Lat: 40.6986° N Lon: 95.8867° W
Station: NEBRASKA CITY 2NW, NE US USC00255810

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	33.6	13.7	23.7	5.2	4.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	971.6	1033.6	1126.7	1281.7	0.0	0.0	4.0	13.8	29.7	5.1
02	38.9	17.6	28.3	7.0	5.9	6.3	0.8	0.5	0.3	0.1	0.0	0.0	749.6	805.4	889.2	1029.0	0.0	0.0	6.8	9.6	25.5	2.6
03	51.8	28.5	40.2	5.8	4.7	5.0	18.8	13.1	7.2	1.9	0.3	0.1	479.3	535.5	622.6	772.3	0.0	0.0	16.8	2.7	20.4	0.6
04	63.8	39.0	51.4	4.1	3.5	3.7	74.9	53.9	31.1	10.2	1.9	0.8	182.9	222.0	289.1	418.2	0.0	0.4	25.6	0.2	7.0	0.0
05	73.8	51.1	62.4	3.8	2.8	3.1	260.9	213.1	151.3	72.3	26.1	15.4	30.0	44.2	75.4	151.4	0.0	1.4	30.6	0.0	0.3	0.0
06	83.1	61.3	72.2	2.8	2.2	2.3	516.2	456.9	369.2	230.8	114.9	79.2	0.4	1.0	3.4	14.9	0.1	5.9	30.0	0.0	0.0	0.0
07	86.6	65.6	76.1	2.7	2.7	2.5	654.0	592.0	499.0	345.5	201.8	150.4	0.0	0.0	0.0	1.4	0.7	10.3	31.0	0.0	0.0	0.0
08	85.0	62.8	73.9	2.4	2.6	2.3	585.8	523.9	431.3	280.5	148.5	105.7	0.0	0.1	0.5	4.6	0.5	7.9	31.0	0.0	0.0	0.0
09	78.7	53.7	66.2	3.5	3.1	3.0	348.4	295.4	222.1	119.5	51.1	32.8	12.5	19.5	36.2	83.6	0.1	3.6	29.9	0.0	0.1	0.0
10	66.2	41.3	53.7	3.7	2.4	2.8	105.0	78.4	47.0	16.0	3.8	2.0	143.8	179.3	240.8	364.8	0.0	0.5	28.4	0.0	5.1	0.0
11	51.0	29.0	40.0	6.1	4.5	5.1	11.5	7.0	2.8	0.3	0.0	0.0	461.5	517.0	602.7	750.3	0.0	0.0	16.3	2.6	19.1	0.0
12	38.3	19.1	28.7	4.7	4.5	4.4	0.2	0.0	0.0	0.0	0.0	0.0	815.3	877.2	970.2	1125.2	0.0	0.0	6.3	9.9	28.9	1.8
Summary	62.6	40.2	51.4	4.3	3.6	3.8	2576	2234	1761	1077	548	386	3847	4235	4857	5997	1.4	30.0	256.7	38.8	136.1	10.1

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	0.87	4.5	2.7	0.4	0.0	0.42	0.79	1.28	
02	1.12	4.4	3.0	0.6	0.2	0.50	0.81	1.34	
03	1.88	6.0	4.5	1.1	0.4	1.09	1.38	2.75	
04	3.43	8.1	6.1	2.2	0.8	2.47	3.36	4.71	
05	5.41	9.7	7.8	3.8	1.9	2.63	4.57	7.96	
06	4.88	8.6	6.8	3.3	1.6	3.26	4.52	6.38	
07	4.36	7.8	6.0	2.9	1.2	2.70	3.53	4.88	
08	2.93	7.3	5.3	2.1	0.8	1.52	2.83	3.88	
09	3.18	6.2	4.9	2.2	1.2	1.42	2.61	4.70	
10	3.02	6.0	4.3	2.0	0.9	1.61	2.39	4.19	
11	1.58	4.4	3.3	1.1	0.3	0.92	1.30	1.96	
12	1.42	4.6	3.2	1.0	0.2	0.59	1.09	2.03	
Summary	34.08	77.6	57.9	22.7	9.5	19.13	29.18	46.06	

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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	8.10	3.2	2.4	1.2	0.5	0.1	13.1	9.0	5.4	1.4	3.40	6.00	10.00
02	7.20	2.8	2.4	1.2	0.4	0.0	10.0	6.8	4.1	1.1	1.50	8.00	11.00
03	1.90	1.0	0.8	0.1	0.0	0.0	3.2	1.8	1.2	0.7	0.00	1.10	3.10
04	1.10	0.2	0.2	0.1	0.1	0.0	0.4	0.3	0.3	0.2	0.00	0.00	0.00
05	0.10	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	0.10	0.1	0.1	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
11	1.30	0.5	0.3	0.2	0.0	0.0	1.4	0.5	0.1	0.0	0.00	0.00	1.20
12	4.20	2.5	1.8	0.6	0.2	0.0	7.9	4.5	2.0	0.6	1.20	3.50	6.20
Summary	24.0	10.3	8.0	3.4	1.2	0.1	36.3	23.1	13.2	4.0	6.1	18.6	31.5

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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	9.7	28.8	148.8	364.7	696.2	965.9	1119.0	1050.8	786.0	439.5	131.6	19.4
45	2.1	11.2	82.7	244.1	542.7	815.9	964.0	895.8	636.3	305.0	68.3	5.2
50	0.3	3.2	41.5	145.5	394.9	665.8	809.0	740.8	489.1	190.4	30.6	1.3
55	0.0	0.8	18.8	74.9	260.9	516.2	654.0	585.8	348.4	105.0	11.5	0.2
60	0.0	0.3	7.2	31.1	151.3	369.2	499.0	431.3	222.1	47.0	2.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	11.1	27.1	110.6	227.5	422.5	643.2	765.0	707.6	499.4	272.9	92.3	16.9

Growing Degree Units (Accumulated Monthly)												
40	10	38	187	552	1248	2214	3333	4384	5170	5609	5741	5760
45	2	13	96	340	883	1699	2663	3558	4195	4500	4568	4573
50	0	4	45	190	585	1251	2060	2801	3290	3480	3511	3512
55	0	1	20	94	355	872	1526	2111	2460	2565	2576	2576
60	0	0	8	39	190	559	1058	1489	1711	1758	1761	1761
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	38	149	376	799	1442	2207	2915	3414	3687	3779	3796

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