

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 2020 ft. Lat: 41.5461° N Lon: 98.5331° W

Station: GREELEY, NE US USC00253425

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	34.0	10.6	22.3	5.4	4.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1013.6	1075.5	1168.5	1323.6	0.0	0.0	4.3	14.2	30.9	7.0
02	38.1	13.7	25.9	7.3	5.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	814.7	870.6	954.6	1094.7	0.0	0.0	6.7	10.6	27.4	4.5
03	49.9	23.1	36.5	5.7	4.2	4.6	5.9	3.4	1.4	0.3	0.0	0.0	579.4	639.0	730.0	883.9	0.0	0.0	16.3	4.1	25.4	1.0
04	60.6	33.2	46.9	4.2	3.5	3.5	33.7	22.5	11.7	3.3	0.4	0.1	276.7	325.5	404.7	546.3	0.0	0.2	23.7	0.9	13.9	0.0
05	70.7	45.1	57.9	4.2	2.4	3.0	165.7	130.2	85.6	35.8	9.3	4.6	75.8	102.3	150.7	255.9	0.0	1.3	29.9	0.0	2.5	0.0
06	81.4	56.2	68.8	3.4	2.1	2.5	417.6	360.5	278.2	157.8	68.2	44.3	3.7	6.7	14.4	43.9	0.1	5.4	29.9	0.0	0.0	0.0
07	86.5	61.1	73.8	3.4	2.7	2.8	582.7	520.8	428.4	279.4	147.1	103.3	0.0	0.1	0.8	6.7	0.8	10.3	31.0	0.0	0.0	0.0
08	84.4	58.4	71.4	2.9	2.8	2.5	508.7	447.3	356.8	214.2	98.9	65.4	0.4	1.0	3.5	15.9	0.2	6.8	31.0	0.0	0.0	0.0
09	77.3	48.1	62.7	3.3	3.6	3.0	260.1	213.9	152.1	73.7	26.1	15.0	29.2	43.0	71.2	142.8	0.0	2.9	29.6	0.0	1.3	0.0
10	64.0	35.1	49.5	4.3	2.4	3.0	55.3	38.5	20.3	5.3	0.9	0.5	224.2	269.5	344.3	484.3	0.0	0.3	26.9	0.5	12.0	0.0
11	49.0	22.6	35.8	6.2	4.3	5.0	3.6	1.8	0.5	0.0	0.0	0.0	579.6	637.8	726.4	876.0	0.0	0.0	14.8	4.2	25.8	0.6
12	37.1	14.0	25.5	4.7	3.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	912.8	974.7	1067.7	1222.8	0.0	0.0	5.6	11.2	30.6	3.5
Summary	61.1	35.1	48.1	4.6	3.4	3.7	2033	1739	1335	770	351	233	4510	4946	5637	6897	1.1	27.2	249.7	45.7	169.8	16.6

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

Current Location: Elev: 2020 ft. Lat: 41.5461° N Lon: 98.5331° W
Station: **GREELEY, NE US USC00253425**

Summary of Monthly Normals
1991-2020
Generated on 04/26/2024

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	0.52	4.0	1.5	0.2	0.0	0.19	0.34	0.77	
02	0.63	4.5	2.0	0.2	0.0	0.34	0.64	0.87	
03	1.41	6.1	3.4	0.9	0.2	0.57	1.07	2.16	
04	2.61	8.5	5.3	1.7	0.5	1.70	2.28	3.13	
05	4.18	10.6	7.5	3.1	1.1	2.88	3.94	5.83	
06	4.09	10.1	7.3	2.8	0.9	1.47	4.19	5.91	
07	3.19	7.9	5.5	2.0	1.0	1.56	2.71	4.14	
08	3.26	8.5	5.5	2.1	1.0	1.60	3.21	4.52	
09	2.28	6.6	4.0	1.2	0.6	0.98	2.33	3.02	
10	1.99	6.7	4.2	1.3	0.4	0.90	1.45	2.98	
11	0.95	4.0	2.1	0.5	0.2	0.14	0.89	1.50	
12	0.70	4.0	1.8	0.4	0.1	0.23	0.34	1.00	
Summary	25.81	81.5	50.1	16.4	6.0	12.56	23.39	35.83	

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

Current Location: Elev: 2020 ft. Lat: 41.5461° N Lon: 98.5331° W
Station: **GREELEY, NE US USC00253425**

Summary of Monthly Normals
1991-2020
Generated on 04/26/2024

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	6.50	3.1	2.2	0.9	0.4	0.1	15.0	9.6	5.2	1.3	2.00	4.50	9.20
02	7.30	3.4	2.5	0.9	0.4	0.0	12.2	7.0	3.7	0.9	3.90	7.00	10.60
03	4.90	1.6	1.2	0.6	0.3	0.0	4.4	2.5	1.6	1.0	0.00	2.00	7.70
04	2.20	0.9	0.8	0.2	0.1	0.0	1.1	0.4	0.2	0.1	0.00	0.00	4.00
05	0.20	0.1	0.1	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	0.70	0.5	0.4	0.2	0.0	0.0	0.6	0.3	0.1	0.0	0.00	0.00	0.00
11	3.00	1.3	0.9	0.4	0.1	0.0	2.5	1.5	0.7	0.1	0.50	1.90	4.20
12	5.00	3.0	2.0	0.8	0.2	0.1	10.2	5.6	2.4	0.8	0.60	4.00	9.00
Summary	29.8	13.9	10.1	4.0	1.5	0.2	46.0	26.9	13.9	4.2	7.0	19.4	44.7

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

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 2020 ft. Lat: 41.5461° N Lon: 98.5331° W
Station: GREELEY, NE US USC00253425

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	5.6	17.2	97.0	253.9	556.0	863.8	1047.5	973.2	681.4	327.8	76.8	8.9
45	0.8	5.2	46.6	151.5	407.9	713.8	892.5	818.1	533.5	210.8	35.7	1.9
50	0.0	0.9	18.4	78.3	274.4	564.3	737.5	663.2	391.0	118.9	13.7	0.2
55	0.0	0.0	5.9	33.7	165.7	417.6	582.7	508.7	260.1	55.3	3.6	0.0
60	0.0	0.0	1.4	11.7	85.6	278.2	428.4	356.8	152.1	20.3	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	13.9	26.1	96.1	187.1	340.5	552.9	692.3	637.0	440.1	235.7	79.2	16.3

Growing Degree Units (Accumulated Monthly)												
40	6	23	120	374	930	1794	2841	3814	4496	4823	4900	4909
45	1	6	53	204	612	1326	2218	3036	3570	3781	3816	3818
50	0	1	19	98	372	936	1674	2337	2728	2847	2861	2861
55	0	0	6	40	205	623	1206	1714	1974	2030	2033	2033
60	0	0	1	13	99	377	805	1162	1314	1334	1335	1335
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	40	136	323	664	1217	1909	2546	2986	3222	3301	3317

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.