

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2570 ft. Lat: 45.7475° N Lon: 102.7969° W
Station: LODGEPOLE 5SW, SD US USC00394956
Generated on 06/04/2024

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	27.8	4.9	16.4	5.8	4.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1198.0	1260.0	1353.1	1508.1	0.0	0.0	1.8	17.0	30.9	11.6
02	30.8	6.6	18.7	8.9	7.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	1015.9	1072.1	1156.2	1296.3	0.0	0.0	2.2	15.2	27.7	10.8
03	42.6	15.9	29.3	7.3	4.0	5.4	0.6	0.3	0.2	0.0	0.0	0.0	799.1	860.8	953.6	1108.4	0.0	0.0	11.0	9.0	30.1	3.2
04	54.4	24.9	39.7	4.1	2.7	3.1	3.7	1.7	0.5	0.0	0.0	0.0	464.2	522.2	611.0	760.5	0.0	0.2	19.0	2.2	24.4	0.4
05	64.9	36.3	50.6	3.8	1.6	2.3	55.4	37.5	19.3	4.3	0.4	0.1	192.0	236.0	310.8	450.7	0.0	0.0	27.0	0.0	11.1	0.0
06	74.3	47.0	60.7	3.6	2.2	2.7	195.0	149.1	91.7	30.4	6.0	2.9	25.7	39.8	72.3	161.0	0.1	1.1	29.7	0.0	0.5	0.0
07	82.1	51.7	66.9	4.0	1.7	2.6	369.4	309.3	223.2	103.0	31.2	16.8	0.8	2.6	9.5	44.2	0.4	5.0	31.0	0.0	0.0	0.0
08	82.1	49.1	65.6	2.5	2.4	2.1	335.8	278.8	198.8	90.0	25.9	12.7	7.4	12.4	25.4	71.5	0.2	5.9	31.0	0.0	0.2	0.0
09	73.1	39.8	56.4	3.2	2.7	2.5	132.3	100.2	60.8	20.3	4.6	2.1	89.3	117.0	167.5	276.9	0.1	1.7	28.8	0.0	5.0	0.0
10	56.6	26.8	41.7	5.0	2.7	3.6	14.4	9.2	3.8	0.4	0.0	0.0	426.5	483.3	570.9	722.6	0.0	0.2	21.0	1.7	23.1	0.3
11	42.1	13.9	28.0	7.1	3.9	5.1	0.1	0.0	0.0	0.0	0.0	0.0	809.9	870.0	960.0	1110.0	0.0	0.0	11.4	6.4	29.7	2.8
12	30.9	6.7	18.8	6.2	4.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1121.7	1183.9	1277.0	1432.0	0.0	0.0	2.5	17.8	31.0	10.2
Summary	55.1	27.0	41.1	5.1	3.4	4.0	1107	886	598	248	68	35	6150	6660	7467	8942	0.8	14.1	216.4	69.3	213.7	39.3

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	0.19	2.2	0.4	0.0	0.0	0.08	0.15	0.26	
02	0.34	3.0	1.3	0.3	0.0	0.08	0.22	0.42	
03	0.65	4.0	1.8	0.2	0.1	0.36	0.56	0.83	
04	1.41	6.1	4.2	0.8	0.3	0.85	1.30	1.75	
05	2.48	8.3	6.3	1.8	0.2	1.33	2.09	3.37	
06	3.50	8.5	6.8	1.9	0.8	2.36	3.32	4.41	
07	2.34	6.1	5.4	1.2	0.4	1.61	2.08	2.91	
08	2.09	5.8	4.9	1.7	0.5	1.51	1.97	2.40	
09	1.49	3.6	2.8	0.8	0.2	0.50	0.97	1.92	
10	1.56	5.4	3.8	0.8	0.1	0.67	1.24	1.92	
11	0.53	1.9	0.8	0.2	0.2	0.06	0.12	0.56	
12	0.28	3.3	1.2	0.0	0.0	0.18	0.24	0.35	
Summary	16.86	58.2	39.7	9.7	2.8	9.59	14.26	21.10	

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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	0.7	7.1	35.1	108.5	342.2	619.3	833.4	793.2	496.1	154.3	13.4	3.3
45	0.0	2.6	12.3	48.7	215.7	470.3	678.6	638.5	355.7	81.5	3.3	0.7
50	0.0	0.8	3.4	16.4	119.9	326.0	523.5	485.0	232.2	37.5	0.7	0.0
55	0.0	0.0	0.6	3.7	55.4	195.0	369.4	335.8	132.3	14.4	0.1	0.0
60	0.0	0.0	0.2	0.5	19.3	91.7	223.2	198.8	60.8	3.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.3	9.7	51.7	118.9	241.7	381.4	530.0	506.0	346.8	149.2	35.9	8.1

Growing Degree Units (Accumulated Monthly)												
40	1	8	43	151	494	1113	1946	2740	3236	3390	3403	3407
45	0	3	15	64	279	750	1428	2067	2422	2504	2507	2508
50	0	1	4	21	140	466	990	1475	1707	1745	1745	1745
55	0	0	1	4	60	255	624	960	1092	1107	1107	1107
60	0	0	0	1	20	112	335	534	594	598	598	598
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	12	64	183	424	806	1336	1842	2188	2338	2374	2382

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

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