

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 1280 ft. Lat: 44.3981° N Lon: 98.2231° W

Station: HURON RGNL AP, SD US USW00014936

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	25.8	6.2	16.0	5.4	5.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1208.8	1270.8	1363.8	1518.9	0.0	0.0	0.8	20.4	30.8	11.1
02	30.8	10.2	20.5	8.1	7.8	7.9	0.1	0.0	0.0	0.0	0.0	0.0	965.9	1021.8	1105.8	1245.9	0.0	0.0	2.7	15.1	27.2	7.4
03	43.7	22.1	32.9	7.3	5.0	6.0	4.1	2.3	1.2	0.3	0.0	0.0	689.3	749.5	841.4	995.5	0.0	0.0	10.5	6.4	25.7	2.1
04	57.9	33.6	45.7	4.6	3.4	3.7	28.2	18.5	8.9	2.0	0.2	0.1	305.7	356.0	436.4	579.5	0.0	0.1	21.9	0.9	13.3	0.0
05	70.0	45.9	57.9	3.4	2.8	2.8	164.1	127.6	82.9	33.2	9.2	4.8	72.8	98.2	146.5	251.8	0.0	0.8	30.0	0.0	2.0	0.0
06	80.0	56.7	68.3	3.1	2.7	2.6	402.9	345.3	263.1	144.9	61.4	39.9	2.5	4.9	12.7	44.5	0.1	3.2	30.0	0.0	0.0	0.0
07	85.7	61.6	73.7	4.2	3.1	3.5	578.0	516.0	423.6	275.9	148.2	107.6	0.0	0.0	0.7	7.9	1.1	9.4	31.0	0.0	0.0	0.0
08	83.4	59.2	71.3	3.0	2.4	2.5	505.8	444.6	354.2	213.6	100.2	67.3	0.6	1.4	4.1	18.3	0.4	5.9	31.0	0.0	0.0	0.0
09	75.7	49.5	62.6	3.5	3.3	3.0	258.9	213.3	153.8	77.4	30.6	19.1	31.0	45.5	76.0	149.5	0.1	2.3	29.8	0.0	0.8	0.0
10	60.2	35.5	47.9	4.7	3.1	3.6	43.8	30.2	16.7	4.9	0.9	0.3	265.4	313.8	393.3	536.5	0.0	0.2	24.6	0.4	11.4	0.0
11	43.9	22.2	33.1	6.8	4.4	5.3	2.2	1.2	0.4	0.0	0.0	0.0	660.7	719.7	808.9	958.5	0.0	0.0	10.6	6.8	25.4	0.9
12	30.2	11.0	20.6	6.5	5.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1066.2	1128.2	1221.2	1376.2	0.0	0.0	2.0	16.7	30.6	6.2
Summary	57.3	34.5	45.9	5.0	4.1	4.3	1988	1699	1305	752	351	239	5269	5710	6411	7683	1.7	21.9	224.9	66.7	167.2	27.7

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	0.58	6.3	1.5	0.1	0.0	0.24	0.43	0.74	
02	0.75	7.0	2.2	0.3	0.0	0.38	0.65	1.08	
03	1.15	7.0	3.0	0.6	0.2	0.51	0.93	1.72	
04	2.52	9.0	4.9	1.7	0.6	1.58	2.20	3.13	
05	3.15	11.2	6.2	2.1	0.6	1.96	2.77	3.97	
06	3.89	11.6	6.8	2.8	1.0	2.94	3.43	5.10	
07	2.83	8.8	5.5	1.6	0.8	1.48	2.57	3.58	
08	2.59	8.0	4.5	1.8	0.6	1.47	2.40	2.98	
09	2.43	6.8	4.4	1.7	0.7	1.15	2.02	3.34	
10	1.95	7.4	3.6	1.4	0.4	0.87	1.54	2.52	
11	0.82	5.4	1.8	0.3	0.1	0.17	0.58	1.11	
12	0.66	6.4	2.0	0.2	0.0	0.25	0.58	1.01	
Summary	23.32	94.9	46.4	14.6	5.0	13.00	20.10	30.28	

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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	7.80	6.1	2.6	0.7	0.3	0.0	22.1	16.2	10.6	5.4	4.00	6.10	9.80
02	8.90	6.4	2.5	0.9	0.4	0.1	16.2	11.7	8.6	5.1	4.70	7.50	12.80
03	6.60	4.1	1.9	0.7	0.2	0.1	10.8	7.7	5.3	2.8	2.20	5.60	8.90
04	5.50	2.2	1.4	0.7	0.3	0.1	2.6	1.4	0.9	0.4	0.00	1.80	7.30
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	1.40	0.9	0.4	0.1	0.0	0.0	0.6	0.3	0.0	0.0	0.00	0.00	1.00
11	5.80	3.3	1.5	0.7	0.4	0.1	5.0	3.2	1.9	0.8	0.80	4.80	7.90
12	8.40	6.0	2.3	1.0	0.4	0.0	17.6	10.7	5.7	1.3	4.10	8.00	12.10
Summary	44.4	29.0	12.6	4.8	2.0	0.4	74.9	51.2	33.0	15.8	15.8	33.8	59.8

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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	0.9	7.8	64.3	230.1	557.4	850.3	1042.8	970.1	678.3	287.2	53.6	2.1
45	0.0	2.3	30.4	134.1	409.4	700.3	887.8	815.1	530.5	178.8	24.4	0.3
50	0.0	0.7	12.5	67.3	275.5	550.6	732.9	660.2	387.9	96.6	8.5	0.0
55	0.0	0.1	4.1	28.2	164.1	402.9	578.0	505.8	258.9	43.8	2.2	0.0
60	0.0	0.0	1.2	8.9	82.9	263.1	423.6	354.2	153.8	16.7	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.1	9.0	54.4	155.8	337.7	546.6	692.7	639.5	428.2	188.2	46.5	4.2

Growing Degree Units (Accumulated Monthly)												
40	1	9	73	303	860	1711	2754	3724	4402	4689	4743	4745
45	0	2	33	167	576	1276	2164	2979	3510	3689	3713	3713
50	0	1	13	80	356	907	1640	2300	2688	2784	2793	2793
55	0	0	4	32	196	599	1177	1683	1942	1986	1988	1988
60	0	0	1	10	93	356	780	1134	1288	1304	1305	1305
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	11	66	221	559	1106	1798	2438	2866	3054	3101	3105

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

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