

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3920 ft. Lat: 44.8767° N Lon: 107.2631° W
Station: DAYTON, WY US USC00482399
Generated on 05/01/2024

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	35.9	10.2	23.1	5.5	4.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	990.5	1052.5	1145.5	1300.4	0.0	0.0	5.8	10.2	30.2	6.8
02	38.1	12.0	25.0	7.2	7.6	7.2	0.4	0.2	0.0	0.0	0.0	0.0	838.5	894.5	978.1	1118.5	0.0	0.0	4.5	10.7	27.5	7.2
03	47.0	20.0	33.5	6.6	4.6	5.4	1.3	0.7	0.2	0.0	0.0	0.0	668.0	729.4	821.9	976.6	0.0	0.0	14.8	3.3	27.6	1.7
04	55.3	28.8	42.1	2.7	3.3	2.7	9.2	5.6	2.0	0.2	0.0	0.0	397.6	454.0	540.4	688.6	0.0	0.0	19.7	0.9	22.7	0.4
05	65.2	37.5	51.3	3.9	1.6	2.4	53.0	35.5	17.1	3.7	0.4	0.0	166.3	210.7	285.4	426.9	0.0	0.3	27.3	0.0	7.6	0.0
06	75.1	45.0	60.1	3.3	1.8	2.3	178.9	133.1	76.1	21.4	3.6	1.2	27.4	41.6	74.6	170.0	0.1	2.2	29.9	0.0	0.5	0.0
07	85.2	51.2	68.2	3.5	2.3	2.7	409.6	349.3	261.4	130.4	38.7	19.1	0.9	2.5	7.9	31.4	0.3	11.0	31.0	0.0	0.0	0.0
08	84.3	49.7	67.0	2.7	3.6	2.9	377.7	319.7	236.1	118.0	34.5	16.2	6.2	10.0	19.7	56.2	0.2	8.4	31.0	0.0	0.1	0.0
09	73.2	40.3	56.8	3.7	2.4	2.7	135.4	101.7	61.3	18.8	3.5	1.4	83.0	109.2	158.8	266.3	0.1	2.4	28.8	0.0	3.5	0.0
10	58.9	30.1	44.5	4.8	3.7	3.8	21.6	14.2	7.6	1.8	0.5	0.3	347.0	401.6	488.1	637.2	0.0	0.1	23.1	1.5	19.5	0.4
11	45.6	18.2	31.9	4.5	3.0	3.5	0.3	0.0	0.0	0.0	0.0	0.0	693.3	753.0	843.0	993.1	0.0	0.0	13.3	4.8	27.5	2.3
12	35.7	10.0	22.9	6.1	4.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	995.9	1058.2	1150.9	1306.4	0.0	0.0	5.1	12.3	30.6	7.5
Summary	58.3	29.4	43.9	4.5	3.6	3.8	1187	960	662	294	81	38	5215	5717	6514	7972	0.7	24.4	234.3	43.7	197.3	26.3

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	0.82	6.7	2.9	0.2	0.0	0.54	0.78	0.97
02	0.89	6.8	3.1	0.2	0.0	0.38	0.77	1.05
03	1.49	8.2	4.0	0.5	0.1	0.66	1.28	1.75
04	2.06	10.3	5.7	1.0	0.1	1.44	1.76	2.37
05	3.36	11.2	7.0	2.3	0.6	1.50	2.46	5.43
06	1.99	9.8	5.5	1.0	0.3	1.09	2.17	2.51
07	1.16	6.5	3.0	0.4	0.1	0.48	0.80	1.41
08	0.88	5.7	2.5	0.3	0.1	0.49	0.66	1.05
09	1.55	6.9	3.3	0.9	0.3	0.91	1.41	2.10
10	1.86	8.8	5.4	0.8	0.2	0.94	1.71	2.28
11	1.15	6.6	3.2	0.5	0.1	0.52	0.96	1.30
12	0.82	6.6	3.0	0.2	0.1	0.35	0.62	1.06
Summary	18.03	94.1	48.6	8.3	2.0	9.30	15.38	23.28

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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	10.80	5.7	4.3	1.0	0.4	0.1	22.4	12.0	7.1	1.8	6.60	10.50	14.60
02	11.10	6.1	4.6	1.1	0.3	0.0	17.6	11.1	6.8	2.2	4.50	9.00	17.40
03	12.00	4.8	4.2	1.4	0.6	0.1	11.9	6.6	3.1	0.2	4.80	9.30	17.30
04	7.10	2.8	2.3	0.9	0.4	0.1	3.6	1.9	1.2	0.3	1.80	4.60	14.70
05	1.40	0.4	0.4	0.2	0.1	0.0	0.4	0.2	0.1	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	0.30	0.2	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
10	6.40	1.9	1.8	0.8	0.3	0.0	3.1	1.9	0.9	0.2	0.00	5.00	9.00
11	7.50	4.0	2.8	0.7	0.3	0.0	10.1	4.0	1.6	0.1	3.50	7.20	10.00
12	11.70	6.5	4.7	1.6	0.5	0.0	18.3	10.0	5.5	1.3	5.00	10.00	14.40
Summary	68.3	32.4	25.3	7.8	2.9	0.3	87.6	47.7	26.3	6.1	26.2	55.6	97.4

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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	6.5	14.9	53.9	142.9	358.0	601.8	873.6	836.5	506.1	209.7	41.2	6.9
45	1.4	4.6	19.7	67.6	224.1	453.3	718.8	681.9	365.9	117.2	14.8	1.4
50	0.1	1.6	5.6	26.1	120.9	309.8	563.6	527.9	239.7	55.2	3.9	0.0
55	0.0	0.4	1.3	9.2	53.0	178.9	409.6	377.7	135.4	21.6	0.3	0.0
60	0.0	0.0	0.2	2.0	17.1	76.1	261.4	236.1	61.3	7.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	10.6	20.4	62.3	122.3	240.6	376.5	552.0	528.9	347.6	172.5	50.8	13.0

Growing Degree Units (Accumulated Monthly)												
40	6	21	75	218	576	1178	2052	2888	3394	3604	3645	3652
45	1	6	26	93	317	771	1490	2171	2537	2654	2669	2671
50	0	2	7	33	154	464	1028	1556	1795	1850	1854	1854
55	0	0	2	11	64	243	652	1030	1166	1187	1187	1187
60	0	0	0	2	19	95	357	593	654	662	662	662
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	11	31	93	216	456	833	1385	1914	2261	2434	2484	2498

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