

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 6224 ft. Lat: 44.0758° N Lon: 108.9547° W
Station: **SUNSHINE 3NE, WY US USC00488758**

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	34.1	7.5	20.8	3.8	3.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1060.3	1122.3	1215.2	1370.2	0.0	0.0	3.0	10.5	30.7	7.7
02	34.5	8.3	21.4	4.9	5.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	940.5	996.6	1080.7	1220.7	0.0	0.0	3.6	9.6	27.8	6.7
03	42.9	16.2	29.6	4.7	4.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	789.1	851.1	944.0	1099.0	0.0	0.0	11.0	4.9	30.6	2.3
04	49.2	23.1	36.1	3.7	2.6	2.8	0.5	0.1	0.0	0.0	0.0	0.0	565.9	625.6	715.5	865.5	0.0	0.0	17.1	2.0	27.0	0.4
05	57.9	32.2	45.1	3.8	2.1	2.6	10.2	4.6	1.0	0.0	0.0	0.0	318.7	375.1	464.5	618.5	0.0	0.0	24.9	0.2	15.8	0.0
06	68.5	38.6	53.5	4.3	2.0	2.8	57.5	35.0	13.4	1.0	0.0	0.0	101.0	138.6	206.9	344.5	0.0	0.1	29.4	0.0	3.9	0.0
07	77.3	44.4	60.8	3.8	2.5	3.0	196.8	145.8	80.3	16.3	1.0	0.2	15.7	26.6	54.0	145.1	0.0	1.1	31.0	0.0	0.2	0.0
08	75.8	43.0	59.4	3.0	1.8	2.1	163.3	116.3	58.9	8.7	0.2	0.0	27.1	42.0	77.5	182.4	0.0	0.2	30.9	0.0	0.6	0.0
09	66.0	34.9	50.4	3.1	1.9	2.1	36.6	20.8	7.1	0.5	0.0	0.0	173.2	217.4	293.7	437.0	0.0	0.0	27.7	0.1	10.5	0.0
10	53.2	25.1	39.1	4.7	3.1	3.7	2.8	0.9	0.1	0.0	0.0	0.0	494.1	554.2	646.5	801.3	0.0	0.0	21.6	1.7	25.7	0.4
11	41.4	14.5	27.9	5.0	4.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	811.5	871.5	961.5	1111.5	0.0	0.0	9.8	6.5	29.3	2.9
12	33.0	6.8	19.9	3.9	4.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	1087.8	1149.9	1243.0	1398.0	0.0	0.0	2.5	12.5	30.8	8.2
Summary	52.8	24.6	38.7	4.1	3.2	3.4	468	324	161	26	1	0	6385	6971	7903	9594	0.0	1.4	212.5	48.0	232.9	28.6

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	0.31	3.7	1.0	0.0	0.0	0.12	0.21	0.41	
02	0.40	5.2	1.5	0.0	0.0	0.19	0.35	0.46	
03	0.71	5.7	2.5	0.2	0.0	0.42	0.61	0.97	
04	1.50	8.2	4.5	0.8	0.0	0.91	1.38	1.83	
05	2.88	11.2	6.7	1.7	0.5	1.25	2.19	4.35	
06	2.09	9.7	5.3	1.2	0.2	1.00	1.76	2.94	
07	1.36	8.2	3.5	0.6	0.1	0.53	0.98	1.92	
08	1.09	8.0	3.6	0.3	0.0	0.65	1.03	1.29	
09	1.32	6.1	3.1	0.8	0.1	0.33	1.11	2.07	
10	1.11	6.2	3.3	0.6	0.0	0.44	0.72	1.73	
11	0.56	4.4	1.7	0.2	0.0	0.27	0.40	0.94	
12	0.46	4.5	1.7	0.1	0.0	0.18	0.39	0.62	
Summary	13.79	81.1	38.4	6.5	0.9	6.29	11.13	19.53	

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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	6.20	4.2	2.2	0.9	0.2	0.0	20.5	15.4	10.4	2.7	2.60	5.20	8.10
02	7.80	5.7	3.3	0.7	0.1	0.0	18.3	13.9	8.9	1.1	4.20	7.30	9.20
03	10.20	5.5	3.4	1.1	0.4	0.1	10.5	6.0	3.8	0.7	4.00	8.00	15.80
04	13.60	6.0	4.0	1.8	0.7	0.1	6.8	3.7	1.7	0.3	6.40	14.00	16.90
05	6.20	3.1	2.1	0.9	0.4	0.0	2.5	0.9	0.5	0.0	2.50	4.40	8.40
06	0.90	0.4	0.3	0.1	0.0	0.0	0.2	0.2	0.1	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	1.60	0.6	0.4	0.3	0.1	0.0	0.6	0.4	0.2	0.1	0.00	0.00	2.30
10	8.00	3.8	2.4	0.9	0.4	0.1	4.0	2.2	1.1	0.3	3.70	6.00	10.50
11	9.10	4.6	2.8	1.0	0.6	0.1	10.6	5.4	2.6	0.2	3.40	8.00	14.00
12	8.50	5.2	3.0	0.7	0.3	0.0	19.0	13.2	8.8	1.2	4.10	7.50	11.90
Summary	72.1	39.1	23.9	8.4	3.2	0.4	93.0	61.3	38.1	6.6	30.9	60.4	97.1

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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	1.2	2.4	15.0	56.3	201.1	408.5	646.0	601.2	329.0	107.0	18.8	1.2
45	0.1	0.4	2.4	17.9	104.1	266.7	491.3	447.7	203.2	46.1	3.7	0.0
50	0.0	0.0	0.1	4.3	42.0	145.0	338.8	299.3	102.4	14.8	0.2	0.0
55	0.0	0.0	0.0	0.5	10.2	57.5	196.8	163.3	36.6	2.8	0.0	0.0
60	0.0	0.0	0.0	0.0	1.0	13.4	80.3	58.9	7.1	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.2	4.9	28.2	65.6	150.2	280.0	425.6	401.5	249.8	107.6	28.9	2.6

Growing Degree Units (Accumulated Monthly)												
40	1	4	19	75	276	684	1330	1932	2261	2368	2386	2388
45	0	0	3	21	125	392	883	1331	1534	1580	1584	1584
50	0	0	0	4	46	191	530	830	932	947	947	947
55	0	0	0	0	11	68	265	428	465	468	468	468
60	0	0	0	0	1	14	95	154	161	161	161	161
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	8	36	102	252	532	958	1359	1609	1717	1745	1748

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

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