

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 2532 ft. Lat: 48.8978° N Lon: 115.0644° W
Station: EUREKA RS, MT US USC00242827

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	32.3	19.3	25.8	5.0	5.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	905.2	967.2	1060.2	1215.2	0.0	0.0	0.5	13.5	27.0	3.1
02	38.6	21.1	29.8	5.9	6.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	704.1	760.1	844.1	984.1	0.0	0.0	2.1	6.1	24.3	2.2
03	49.2	27.5	38.3	4.0	3.1	3.2	0.5	0.2	0.0	0.0	0.0	0.0	516.7	578.4	671.3	826.2	0.0	0.0	15.3	1.3	22.0	0.4
04	59.5	34.1	46.8	3.5	2.2	2.6	10.9	5.7	1.9	0.2	0.0	0.0	256.9	311.7	397.8	546.1	0.0	0.0	26.2	0.0	13.5	0.0
05	69.9	41.9	55.9	4.0	2.0	2.8	102.2	72.2	39.3	10.3	1.0	0.1	74.4	106.4	166.5	292.5	0.0	0.3	30.8	0.0	3.7	0.0
06	76.6	48.5	62.5	3.4	1.5	2.2	233.7	181.9	116.3	45.8	12.3	6.5	7.2	15.4	39.8	119.3	0.1	2.2	30.0	0.0	0.1	0.0
07	86.5	52.7	69.6	4.4	1.6	2.7	452.9	391.9	303.1	169.4	69.4	42.8	0.4	1.4	5.6	26.9	0.9	11.4	31.0	0.0	0.0	0.0
08	86.0	51.2	68.6	2.8	2.0	2.0	423.2	362.9	275.6	148.0	55.2	32.1	1.7	3.4	9.1	36.5	0.6	11.2	31.0	0.0	0.0	0.0
09	74.8	43.9	59.4	4.0	2.6	2.6	168.3	128.5	80.0	26.0	4.7	1.9	37.9	58.2	99.6	195.5	0.0	1.3	29.9	0.0	2.3	0.0
10	57.4	35.1	46.3	3.1	2.7	2.5	18.9	11.3	4.6	0.4	0.0	0.0	290.2	344.5	430.8	581.6	0.0	0.0	24.9	0.4	12.8	0.0
11	41.4	27.4	34.4	3.8	4.2	3.9	0.4	0.1	0.0	0.0	0.0	0.0	618.3	678.1	768.0	918.0	0.0	0.0	5.3	5.0	20.0	0.5
12	31.4	20.8	26.1	4.3	5.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	895.7	957.7	1050.7	1205.7	0.0	0.0	0.2	15.8	27.1	2.4
Summary	58.6	35.3	47.0	4.0	3.3	3.4	1411	1155	821	400	143	83	4309	4782	5544	6948	1.6	26.4	227.2	42.1	152.8	8.6

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	0.92	10.5	3.3	0.1	0.0	0.65	0.94	1.11	
02	0.72	7.8	2.4	0.2	0.0	0.40	0.59	0.84	
03	0.90	8.8	2.9	0.1	0.0	0.38	0.70	1.09	
04	1.00	8.5	3.3	0.2	0.0	0.70	0.90	1.29	
05	1.78	9.9	5.0	0.9	0.1	0.84	1.57	2.24	
06	2.53	10.4	5.8	1.3	0.5	1.61	2.31	3.29	
07	1.13	6.6	3.1	0.5	0.1	0.44	1.03	1.35	
08	1.05	5.2	2.2	0.4	0.1	0.34	0.82	1.43	
09	1.27	6.7	3.2	0.6	0.1	0.76	0.96	1.67	
10	1.24	8.6	4.2	0.3	0.0	0.67	1.25	1.61	
11	1.24	9.3	4.4	0.3	0.0	0.73	1.07	1.75	
12	1.22	10.2	3.8	0.2	0.0	0.64	0.99	1.64	
Summary	15.00	102.5	43.6	5.1	0.9	8.16	13.13	19.31	

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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	8.50	6.2	3.5	0.8	0.3	0.0	20.2	14.5	9.5	2.8	3.60	7.70	11.70
02	5.90	3.9	2.3	0.6	0.3	0.1	11.3	6.4	4.7	2.1	1.40	2.70	8.50
03	3.70	2.5	1.5	0.4	0.1	0.0	4.8	3.0	2.2	0.7	0.30	1.60	6.10
04	1.00	0.5	0.3	0.1	0.0	0.0	0.5	0.2	0.1	0.0	0.00	0.00	1.00
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	0.60	0.4	0.2	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	0.60
11	5.00	2.4	1.6	0.8	0.2	0.0	4.1	2.5	1.7	0.6	0.40	2.50	7.60
12	10.20	6.3	3.8	1.3	0.3	0.0	14.5	8.4	6.0	1.4	4.10	6.70	15.00
Summary	35.1	22.3	13.3	4.0	1.2	0.1	56.0	35.1	24.2	7.6	9.8	21.2	50.5

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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	4.4	11.5	69.1	219.4	493.1	676.7	917.0	886.1	580.4	227.7	37.1	4.3
45	0.4	2.1	19.8	107.1	342.6	526.5	762.5	731.5	432.7	122.3	10.4	0.3
50	0.0	0.2	3.3	40.2	206.4	377.0	607.4	576.7	291.0	53.9	2.1	0.0
55	0.0	0.0	0.5	10.9	102.2	233.7	452.9	423.2	168.3	18.9	0.4	0.0
60	0.0	0.0	0.0	1.9	39.3	116.3	303.1	275.6	80.0	4.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.7	4.7	49.1	150.8	312.4	414.2	569.5	556.5	374.9	136.8	12.6	0.2

Growing Degree Units (Accumulated Monthly)												
40	4	16	85	304	798	1474	2391	3277	3858	4085	4122	4127
45	0	2	22	129	472	998	1761	2492	2925	3048	3058	3058
50	0	0	4	44	250	627	1234	1811	2102	2156	2158	2158
55	0	0	0	11	114	347	800	1223	1392	1411	1411	1411
60	0	0	0	2	41	158	461	736	816	821	821	821
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	54	205	518	932	1501	2058	2433	2570	2582	2582

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