

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 7840 ft. Lat: 38.0206° N Lon: 107.6686° W

Station: OURAY, CO US USC00056203

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	34.4	15.0	24.7	3.1	3.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	939.3	1001.3	1094.3	1249.3	0.0	0.0	1.1	11.2	30.5	1.1
02	36.5	18.5	27.5	3.4	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	769.9	825.9	909.9	1050.0	0.0	0.0	1.6	6.6	27.6	0.8
03	44.5	24.6	34.5	2.8	2.5	2.5	0.1	0.1	0.0	0.0	0.0	0.0	634.1	696.1	789.0	944.0	0.0	0.0	10.3	3.2	27.3	0.2
04	52.2	30.8	41.5	3.4	2.7	3.0	2.1	0.8	0.1	0.0	0.0	0.0	407.0	465.7	555.0	705.0	0.0	0.0	19.0	1.1	18.0	0.0
05	63.4	39.0	51.2	3.8	1.9	2.8	37.6	21.8	7.6	0.6	0.0	0.0	155.4	201.6	280.5	428.4	0.0	0.0	28.3	0.0	5.3	0.0
06	73.7	46.5	60.1	3.6	1.9	2.7	178.6	131.6	73.7	16.5	1.3	0.1	25.6	38.6	70.7	163.4	0.0	0.0	29.9	0.0	0.4	0.0
07	79.1	52.7	65.9	3.3	1.7	2.3	338.7	278.1	190.8	69.8	11.3	3.8	1.0	2.4	8.0	42.0	0.0	0.1	31.0	0.0	0.0	0.0
08	75.0	51.2	63.1	1.9	1.8	1.7	253.6	194.7	114.1	27.7	2.0	0.3	2.5	5.6	18.0	86.5	0.0	0.0	31.0	0.0	0.0	0.0
09	68.9	44.7	56.8	2.2	2.3	2.1	104.4	67.5	28.2	2.9	0.0	0.0	50.5	73.6	124.3	249.0	0.0	0.0	29.6	0.0	1.6	0.0
10	57.4	33.8	45.6	2.9	2.8	2.6	7.8	2.8	0.4	0.0	0.0	0.0	299.1	356.2	446.8	601.4	0.0	0.0	24.6	0.7	11.5	0.0
11	44.2	23.7	34.0	4.5	3.0	3.7	0.3	0.0	0.0	0.0	0.0	0.0	631.8	691.5	781.5	931.5	0.0	0.0	8.9	5.9	26.3	0.5
12	34.9	15.5	25.2	1.8	2.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	923.6	985.6	1078.6	1233.7	0.0	0.0	1.3	11.5	30.4	1.0
Summary	55.4	33.0	44.2	3.1	2.4	2.6	923	697	415	118	15	4	4840	5344	6157	7684	0.0	0.1	216.6	40.2	178.9	3.6

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	1.89	8.0	5.8	1.2	0.1	1.16	1.88	2.39
02	1.71	7.9	5.4	1.0	0.0	1.17	1.74	2.16
03	2.38	9.3	6.8	1.4	0.1	1.74	2.20	2.73
04	2.15	9.8	7.1	1.4	0.0	1.42	2.12	2.71
05	1.77	7.1	4.6	0.8	0.1	0.89	1.56	2.30
06	0.91	5.5	3.3	0.4	0.0	0.43	0.81	1.26
07	2.41	9.6	5.8	0.8	0.1	1.35	2.35	3.25
08	2.42	14.6	8.1	0.7	0.0	1.87	2.42	2.95
09	2.39	11.0	7.2	1.0	0.3	1.45	2.29	3.19
10	2.12	7.7	5.6	1.5	0.3	1.01	2.10	2.70
11	1.92	8.4	6.3	1.5	0.2	1.58	1.87	2.28
12	1.56	7.2	4.7	0.4	0.0	1.07	1.48	1.81
Summary	23.63	106.1	70.7	12.1	1.2	15.14	22.82	29.73

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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	22.40	7.7	5.9	2.9	1.3	0.1	30.2	28.1	25.1	13.8	15.50	22.40	27.10
02	19.60	7.1	5.7	2.7	1.2	0.0	28.5	27.1	24.4	16.5	11.60	16.50	27.90
03	23.80	8.6	6.3	3.2	1.4	0.1	28.9	24.9	20.8	10.8	12.50	25.00	31.80
04	14.60	5.9	4.6	1.9	0.8	0.0	11.7	6.6	4.1	1.5	7.90	15.70	17.60
05	3.60	1.5	1.1	0.4	0.2	0.0	1.8	0.6	0.5	0.1	0.00	0.50	4.40
06	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	0.50	0.3	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
10	5.10	2.3	1.9	0.6	0.1	0.0	3.2	1.2	0.6	0.0	1.30	2.50	6.70
11	20.20	6.6	5.5	2.7	1.3	0.1	15.7	11.4	8.4	3.0	11.20	15.80	27.30
12	16.50	6.3	5.2	1.9	0.8	0.0	28.1	23.7	18.4	7.8	10.00	16.50	18.90
Summary	126.4	46.4	36.4	16.4	7.1	0.3	148.5	123.7	102.3	53.5	70.0	114.9	161.7

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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	0.6	2.3	31.1	127.8	355.5	603.0	802.6	716.1	505.7	214.5	45.6	2.7
45	0.0	0.0	6.2	56.3	220.8	454.2	647.6	561.1	360.4	107.5	13.5	0.4
50	0.0	0.0	0.7	15.5	110.8	310.5	492.7	406.4	222.7	39.8	2.4	0.1
55	0.0	0.0	0.1	2.1	37.6	178.6	338.7	253.6	104.4	7.8	0.3	0.0
60	0.0	0.0	0.0	0.1	7.6	73.7	190.8	114.1	28.2	0.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.7	1.6	22.7	82.0	215.2	368.6	499.6	421.3	291.7	137.6	31.4	2.1

Growing Degree Units (Accumulated Monthly)												
40	1	3	34	162	517	1120	1923	2639	3145	3359	3405	3407
45	0	0	6	62	283	738	1385	1946	2307	2414	2428	2428
50	0	0	1	16	127	438	930	1337	1559	1599	1602	1602
55	0	0	0	2	40	218	557	811	915	923	923	923
60	0	0	0	0	8	81	272	386	415	415	415	415
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	25	107	322	691	1190	1612	1903	2041	2072	2074

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