

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 5230 ft. Lat: 46.1308° N Lon: 112.9333° W
Station: ANACONDA, MT US USC00240199

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	36.6	15.9	26.3	3.1	4.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	891.4	953.3	1046.4	1201.3	0.0	0.0	3.2	9.5	30.2	4.6
02	39.3	16.4	27.8	5.8	5.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	760.0	816.1	900.0	1040.1	0.0	0.0	4.7	5.8	27.1	3.0
03	47.5	22.9	35.2	4.1	3.5	3.6	0.1	0.0	0.0	0.0	0.0	0.0	614.0	675.9	768.9	923.9	0.0	0.0	13.2	1.9	27.8	0.7
04	54.7	28.4	41.5	3.6	2.5	2.8	4.0	1.8	0.5	0.1	0.0	0.0	407.3	465.2	553.9	703.6	0.0	0.0	19.9	0.2	22.7	0.0
05	64.1	36.4	50.2	3.7	1.9	2.6	44.0	27.9	12.0	1.6	0.0	0.0	191.3	237.2	314.3	458.9	0.0	0.0	28.0	0.0	9.9	0.0
06	72.5	43.0	57.8	3.2	1.8	2.3	132.2	96.6	54.2	14.7	1.7	0.5	49.7	74.1	121.7	232.2	0.0	0.7	29.6	0.0	1.6	0.0
07	82.7	48.7	65.7	4.1	2.7	3.2	336.3	279.0	198.2	86.3	23.9	11.7	4.7	9.5	21.7	64.7	0.1	5.6	31.0	0.0	0.1	0.0
08	81.5	47.3	64.4	3.0	2.3	2.4	300.4	243.9	166.1	63.4	11.8	4.3	9.1	14.6	29.8	82.1	0.0	3.6	31.0	0.0	0.4	0.0
09	72.2	39.7	55.9	3.1	2.3	2.4	110.7	78.8	42.5	10.6	1.0	0.3	82.4	110.4	164.1	282.1	0.0	0.5	28.9	0.0	4.9	0.0
10	57.1	30.5	43.8	3.8	3.7	3.5	12.5	7.0	2.5	0.1	0.0	0.0	359.7	416.2	504.6	657.3	0.0	0.0	23.9	0.8	18.7	0.1
11	43.4	21.3	32.4	4.6	3.9	4.1	0.2	0.1	0.0	0.0	0.0	0.0	679.7	739.6	829.5	979.5	0.0	0.0	8.9	4.5	27.1	1.8
12	34.4	14.7	24.6	3.4	3.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	943.6	1005.7	1098.6	1253.8	0.0	0.0	1.4	12.0	30.3	3.8
Summary	57.2	30.4	43.8	3.8	3.2	3.3	940	735	476	177	38	17	4993	5518	6354	7880	0.1	10.4	223.7	34.7	200.8	14.0

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	0.57	9.2	1.8	0.0	0.0	0.31	0.49	0.71	
02	0.99	8.5	2.3	0.0	0.0	0.40	0.70	1.53	
03	1.15	11.2	3.5	0.2	0.0	0.75	1.05	1.29	
04	1.50	12.1	4.4	0.5	0.1	1.00	1.31	1.98	
05	2.13	13.8	6.3	0.8	0.1	1.61	1.90	2.67	
06	2.21	13.8	6.8	1.0	0.2	1.29	2.20	2.92	
07	1.30	9.3	4.3	0.5	0.1	0.50	1.14	1.84	
08	1.20	9.1	3.8	0.5	0.0	0.47	0.82	1.65	
09	1.15	7.9	3.0	0.5	0.1	0.59	1.09	1.61	
10	1.00	10.1	3.6	0.2	0.0	0.51	0.98	1.34	
11	0.97	10.5	3.2	0.2	0.0	0.58	0.85	1.34	
12	0.72	9.9	2.3	0.1	0.0	0.48	0.58	0.95	
Summary	14.89	125.4	45.3	4.5	0.6	8.49	13.11	19.83	

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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	11.40	7.8	4.3	0.7	0.2	0.0	23.5	17.5	12.1	2.6	8.50	10.80	13.60
02	11.30	7.7	4.6	1.2	0.4	0.0	18.0	13.1	9.2	2.8	6.60	10.80	15.90
03	11.80	6.8	3.9	1.0	0.5	0.0	13.3	8.9	5.6	1.0	7.00	11.40	17.40
04	9.90	4.9	3.0	0.9	0.3	0.0	4.0	1.6	0.7	0.0	5.90	8.70	12.20
05	2.00	1.3	0.6	0.2	0.1	0.0	0.3	0.1	0.0	0.0	0.00	0.40	1.90
06	0.60	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.50
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	0.20	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	0.40	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.20
10	3.30	3.2	1.6	0.4	0.0	0.0	1.6	0.6	0.1	0.0	0.40	1.50	6.20
11	12.10	6.8	3.8	1.2	0.5	0.0	12.5	7.6	4.5	1.0	6.10	13.00	17.30
12	12.10	8.4	4.3	1.4	0.5	0.0	24.4	17.1	9.9	2.6	7.50	10.60	12.90
Summary	75.1	47.7	26.5	7.0	2.5	0.0	97.6	66.5	42.1	10.0	42.0	67.2	98.1

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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	4.2	8.8	43.0	115.5	327.4	533.0	796.1	756.2	481.2	181.3	36.3	2.5
45	0.2	1.6	10.6	50.2	200.7	385.1	641.3	601.6	339.6	93.1	11.2	0.2
50	0.0	0.2	1.4	17.4	105.4	247.0	486.7	448.3	212.0	38.6	1.9	0.0
55	0.0	0.0	0.1	4.0	44.0	132.2	336.3	300.4	110.7	12.5	0.2	0.0
60	0.0	0.0	0.0	0.5	12.0	54.2	198.2	166.1	42.5	2.5	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.6	9.4	42.5	101.4	226.3	338.6	511.2	492.0	334.8	142.1	30.9	1.6

Growing Degree Units (Accumulated Monthly)												
40	4	13	56	172	499	1032	1828	2584	3065	3247	3283	3286
45	0	2	12	63	263	648	1290	1891	2231	2324	2335	2335
50	0	0	2	19	124	371	858	1306	1518	1557	1559	1559
55	0	0	0	4	48	180	517	817	928	940	940	940
60	0	0	0	0	12	67	265	431	474	476	476	476
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	13	56	157	383	722	1233	1725	2060	2202	2233	2234

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