

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6954 ft. Lat: 44.4886° N Lon: 110.0039° W
Station: YELLOWSTONE NP E ENT, WY US USC00489902

Generated on 04/29/2024

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	29.7	4.0	16.9				0.0	0.0	0.0	0.0	0.0	0.0	1182.6	1244.6	1337.6	1492.6	0.0	0.0	0.2	18.7	31.0	10.2
02	32.3	5.7	19.0				0.0	0.0	0.0	0.0	0.0	0.0	1008.0	1064.0	1148.0	1288.0	0.0	0.0	0.2	16.3	27.9	10.3
03	39.4	11.2	25.3				0.0	0.0	0.0	0.0	0.0	0.0	920.7	982.7	1075.7	1230.7	0.0	0.0	3.5	7.5	30.9	5.4
04	47.0	21.6	34.3				0.0	0.0	0.0	0.0	0.0	0.0	621.0	681.0	771.0	921.0	0.0	0.0	10.1	3.0	29.1	1.2
05	56.9	29.6	43.3				1.6	0.5	0.1	0.0	0.0	0.0	365.8	426.7	519.3	674.2	0.0	0.0	21.7	0.1	21.9	0.0
06	67.0	34.8	50.9				23.8	11.2	2.7	0.1	0.0	0.0	146.7	194.2	275.7	423.0	0.0	0.0	28.3	0.0	8.7	0.0
07	77.7	39.0	58.4				126.4	82.6	34.5	3.0	0.0	0.0	22.7	40.8	85.7	209.3	0.0	0.6	30.9	0.0	1.6	0.0
08	76.9	37.1	57.0				97.8	58.8	21.5	1.5	0.1	0.0	35.9	58.8	114.5	249.5	0.0	0.1	30.8	0.0	4.4	0.0
09	66.7	30.7	48.7				12.7	5.1	1.0	0.0	0.0	0.0	201.7	254.1	340.0	489.1	0.0	0.0	27.5	0.0	19.4	0.0
10	51.3	23.3	37.3				0.1	0.0	0.0	0.0	0.0	0.0	548.8	610.7	703.7	858.7	0.0	0.0	16.6	1.5	28.2	0.6
11	37.0	13.3	25.2				0.0	0.0	0.0	0.0	0.0	0.0	895.5	955.5	1045.5	1195.5	0.0	0.0	2.9	11.8	29.0	4.2
12	28.5	4.7	16.6				0.0	0.0	0.0	0.0	0.0	0.0	1190.3	1252.3	1345.3	1500.3	0.0	0.0	0.1	20.8	30.9	10.3
Summary	50.9	21.2	36.1	0.0	0.0	0.0	262	158	60	5	0	0	7140	7765	8762	10532	0.0	0.7	172.8	79.7	263.0	42.2

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	2.11							
02	1.95							
03	1.89							
04	2.03							
05	2.56							
06	2.64							
07	1.38							
08	1.33							
09	1.94							
10	2.53							
11	2.89							
12	2.87							
Summary	26.12	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	0.0	0.0	0.6	23.4	143.6	330.9	568.6	526.9	273.1	64.7	2.5	0.0
45	0.0	0.0	0.0	4.0	59.4	197.4	414.5	373.9	151.1	20.2	0.1	0.0
50	0.0	0.0	0.0	0.5	15.9	89.7	262.6	226.1	60.6	3.1	0.0	0.0
55	0.0	0.0	0.0	0.0	1.6	23.8	126.4	97.8	12.7	0.1	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	2.7	34.5	21.5	1.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.3	6.5	37.0	131.3	258.1	427.4	416.3	258.5	86.0	9.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	24	168	498	1067	1594	1867	1932	1934	1934
45	0	0	0	4	63	261	675	1049	1200	1220	1221	1221
50	0	0	0	0	16	106	369	595	655	659	659	659
55	0	0	0	0	2	25	152	250	262	262	262	262
60	0	0	0	0	0	3	37	59	60	60	60	60
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	7	44	175	433	861	1277	1535	1621	1630	1630

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.