

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 7835 ft. Lat: 44.5444° N Lon: 110.4211° W

Station: YELLOWSTONE LAKE, WY US USW00094173

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	23.0	1.0	12.0	3.0	4.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1333.0	1395.0	1488.0	1643.0	0.0	0.0	0.0	28.2	31.0	13.8
02	26.1	0.9	13.5	3.2	4.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1162.0	1218.0	1302.0	1442.0	0.0	0.0	0.0	22.9	28.0	14.1
03	34.7	7.7	21.2	3.0	4.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1047.9	1109.9	1202.9	1357.9	0.0	0.0	1.2	12.0	30.9	7.7
04	40.9	16.6	28.7	2.9	3.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	787.5	847.5	937.5	1087.5	0.0	0.0	5.3	5.2	29.9	2.5
05	50.6	26.3	38.4	3.8	1.8	2.5	0.2	0.1	0.0	0.0	0.0	0.0	513.2	575.1	668.1	823.1	0.0	0.0	16.7	0.5	28.1	0.0
06	61.1	33.0	47.0	4.3	1.3	2.6	7.0	2.3	0.3	0.0	0.0	0.0	245.5	300.9	388.9	538.5	0.0	0.0	26.2	0.0	13.6	0.0
07	72.2	38.7	55.5	3.3	2.2	2.6	63.3	32.5	8.1	0.1	0.0	0.0	49.4	80.7	149.3	296.3	0.0	0.0	31.0	0.0	1.3	0.0
08	70.7	37.0	53.9	2.6	1.8	1.9	41.0	19.3	4.4	0.1	0.0	0.0	76.7	117.0	195.1	345.8	0.0	0.0	30.7	0.0	4.4	0.0
09	60.5	30.3	45.4	3.0	2.1	2.0	2.9	0.9	0.1	0.0	0.0	0.0	290.9	348.9	438.2	588.0	0.0	0.0	25.7	0.0	20.1	0.0
10	45.5	21.8	33.6	3.5	3.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	661.8	723.8	816.8	971.8	0.0	0.0	11.1	3.3	29.8	0.6
11	32.0	11.0	21.5	3.8	4.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1005.0	1065.0	1155.0	1305.0	0.0	0.0	1.5	15.1	29.7	5.5
12	23.3	2.7	13.0	2.4	3.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1301.9	1363.9	1456.9	1611.9	0.0	0.0	0.0	28.3	31.0	13.3
Summary	45.0	18.9	32.0	3.2	3.0	2.9	114	55	13	0	0	0	8475	9146	10199	12011	0.0	0.0	149.4	115.5	277.8	57.5

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	1.80	16.1	6.5	0.7	0.2	1.36	1.80	2.18
02	1.70	14.3	5.2	0.6	0.1	0.87	1.16	1.78
03	1.90	16.4	5.7	0.6	0.0	1.10	1.73	2.45
04	2.28	15.8	7.2	0.8	0.0	1.75	2.18	2.86
05	2.35	14.9	7.2	0.7	0.1	1.72	2.41	2.99
06	2.38	12.3	6.2	1.0	0.0	1.20	2.13	3.12
07	1.51	9.5	3.6	0.4	0.1	0.92	1.24	1.85
08	1.34	9.4	3.5	0.6	0.1	0.70	1.24	1.45
09	1.57	9.1	4.3	0.8	0.0	0.64	1.33	2.28
10	1.85	13.3	5.6	0.8	0.0	1.35	1.89	2.21
11	2.06	13.0	5.8	0.6	0.0	1.12	1.93	2.53
12	2.35	16.1	6.7	0.8	0.1	1.19	2.14	2.89
Summary	23.09	160.2	67.5	8.4	0.7	13.92	21.18	28.59

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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	0.1	2.3	59.3	226.8	479.0	430.1	189.5	25.2	0.2	0.0
45	0.0	0.0	0.0	0.2	14.9	114.3	325.1	279.3	87.7	4.6	0.0	0.0
50	0.0	0.0	0.0	0.0	1.6	39.2	179.8	140.4	24.7	0.1	0.0	0.0
55	0.0	0.0	0.0	0.0	0.2	7.0	63.3	41.0	2.9	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.3	8.1	4.4	0.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.1	1.0	8.6	67.1	178.8	344.3	321.5	174.9	36.3	1.9	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	2	62	288	768	1198	1387	1412	1412	1412
45	0	0	0	0	15	129	454	734	822	826	826	826
50	0	0	0	0	2	41	221	361	386	386	386	386
55	0	0	0	0	0	7	70	112	114	114	114	114
60	0	0	0	0	0	0	8	13	13	13	13	13
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	1	10	77	256	600	921	1096	1133	1135	1135

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