

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3983 ft. Lat: 47.6150° N Lon: 111.9861° W
Station: FAIRFIELD, MT US USC00242857
Generated on 06/05/2024

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	35.7	16.5	26.1	4.7	5.8	5.1	0.1	0.0	0.0	0.0	0.0	0.0	896.0	958.0	1051.0	1206.0	0.0	0.0	4.1	9.6	26.6	5.9
02	36.4	17.1	26.8	8.6	7.6	8.0	0.3	0.1	0.0	0.0	0.0	0.0	791.1	846.9	930.9	1070.9	0.0	0.0	6.1	8.6	24.8	4.0
03	44.8	23.9	34.3	6.2	5.2	5.6	1.4	0.6	0.1	0.0	0.0	0.0	641.6	702.8	795.4	950.2	0.0	0.0	13.6	4.9	24.1	1.7
04	52.8	31.5	42.2	3.3	2.9	3.1	8.5	4.8	1.8	0.2	0.0	0.0	393.9	450.2	537.2	685.6	0.0	0.0	20.0	1.7	15.8	0.1
05	62.3	40.7	51.5	3.7	2.3	2.8	62.2	43.1	22.4	5.2	0.4	0.1	170.8	213.8	286.0	423.7	0.0	0.0	27.6	0.1	4.1	0.0
06	69.5	47.6	58.5	3.1	1.9	2.4	148.1	110.1	64.9	20.0	3.6	1.6	41.5	63.5	108.4	213.4	0.0	0.3	29.4	0.0	0.3	0.0
07	79.7	53.3	66.5	4.4	2.5	3.4	361.4	303.8	222.3	109.3	37.5	21.2	5.2	9.6	21.0	63.0	0.0	4.2	31.0	0.0	0.0	0.0
08	79.0	51.9	65.5	3.4	2.2	2.7	336.6	280.9	203.1	97.3	30.3	15.8	12.8	19.2	34.3	83.4	0.0	3.4	30.9	0.0	0.1	0.0
09	68.5	44.0	56.3	4.3	2.4	3.1	132.2	101.0	63.5	22.1	3.9	1.4	94.7	123.5	176.0	284.6	0.0	0.5	28.0	0.2	1.7	0.0
10	55.3	33.9	44.6	4.0	3.4	3.6	25.0	16.6	8.1	2.0	0.0	0.0	347.3	401.0	485.5	634.4	0.0	0.0	22.9	1.8	13.0	0.2
11	42.7	24.9	33.8	5.5	4.8	5.0	1.2	0.5	0.1	0.0	0.0	0.0	637.2	696.4	786.1	936.0	0.0	0.0	10.6	5.5	22.2	1.3
12	35.3	17.9	26.6	5.7	6.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	880.1	942.1	1035.2	1190.2	0.0	0.0	3.4	9.0	27.1	3.7
Summary	55.2	33.6	44.4	4.7	3.9	4.2	1077	862	586	256	76	40	4912	5427	6247	7741	0.0	8.4	227.6	41.4	159.8	16.9

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	0.34	4.4	0.9	0.0	0.0	0.18	0.23	0.43	
02	0.43	4.9	1.1	0.0	0.0	0.18	0.31	0.47	
03	0.60	5.6	2.1	0.1	0.0	0.26	0.58	0.90	
04	1.36	7.1	3.9	0.6	0.2	0.88	1.28	1.77	
05	2.12	8.0	5.1	1.3	0.3	1.54	2.07	2.70	
06	2.63	9.4	5.6	1.4	0.5	1.37	2.55	3.65	
07	1.08	5.8	3.0	0.6	0.1	0.40	0.68	1.65	
08	1.05	5.7	3.0	0.5	0.1	0.32	0.98	1.50	
09	1.23	5.5	3.0	0.7	0.1	0.60	1.24	1.79	
10	0.74	4.3	2.5	0.2	0.0	0.46	0.76	0.97	
11	0.46	4.2	1.7	0.0	0.0	0.24	0.32	0.68	
12	0.33	4.1	1.4	0.0	0.0	0.10	0.24	0.48	
Summary	12.37	69.0	33.3	5.4	1.3	6.53	11.24	16.99	

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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	15.5	20.9	67.0	146.3	368.7	557.2	820.7	789.0	494.4	218.0	60.8	13.2
45	3.3	6.3	24.2	69.5	237.6	409.2	666.1	635.2	356.6	122.7	23.9	1.8
50	0.5	1.3	6.4	26.6	132.9	268.2	512.3	483.1	232.4	60.5	7.1	0.1
55	0.1	0.3	1.4	8.5	62.2	148.1	361.4	336.6	132.2	25.0	1.2	0.0
60	0.0	0.0	0.1	1.8	22.4	64.9	222.3	203.1	63.5	8.1	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.6	12.3	46.7	92.4	209.0	312.8	511.1	491.9	296.4	130.5	31.5	5.0
Growing Degree Units (Accumulated Monthly)												
40	16	36	103	250	618	1176	1996	2785	3280	3498	3559	3572
45	3	10	34	103	341	750	1416	2051	2408	2531	2555	2556
50	0	2	8	35	168	436	948	1431	1664	1724	1731	1731
55	0	0	2	10	72	221	582	919	1051	1076	1077	1077
60	0	0	0	2	24	89	312	515	578	586	586	586
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	19	66	158	367	680	1191	1683	1979	2110	2141	2146

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