

Summary of Monthly Normals
1991-2020

Generated on 09/07/2023

Current Location: Elev: 2624 ft. Lat: 46.4267° N Lon: -105.8825° W

Station: MILES CITY F WILEY FLD, MT US USW00024037

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	30.1	8.9	19.5	7.0	6.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1100.4	1162.3	1255.4	1410.4	0.0	0.0	2.0	15.1	30.3	8.5
02	34.7	12.5	23.6	9.3	9.1	9.1	0.1	0.0	0.0	0.0	0.0	0.0	879.1	935.0	1019.0	1159.1	0.0	0.0	4.9	10.8	26.8	6.1
03	46.8	22.5	34.7	7.8	5.5	6.6	2.2	1.0	0.2	0.0	0.0	0.0	633.1	693.9	786.1	940.9	0.0	0.0	15.0	5.1	24.9	2.0
04	58.1	32.9	45.5	3.6	3.0	3.1	20.2	12.6	5.7	0.9	0.1	0.0	305.2	357.7	440.7	585.9	0.0	0.1	23.1	0.9	12.8	0.0
05	68.1	42.9	55.5	3.9	2.4	2.8	114.7	85.0	49.7	15.2	2.5	1.0	99.3	131.6	189.2	309.7	0.0	0.6	29.4	0.0	2.7	0.0
06	78.6	52.5	65.6	3.9	2.1	2.9	325.2	270.9	196.5	97.3	37.8	23.5	8.7	14.4	30.0	80.8	0.4	4.3	29.9	0.0	0.0	0.0
07	88.7	59.6	74.2	5.0	3.3	4.0	593.5	532.0	440.5	293.6	166.3	124.6	0.2	0.7	2.1	10.1	3.6	15.9	31.0	0.0	0.0	0.0
08	87.4	57.6	72.5	3.3	2.5	2.7	544.4	483.9	395.1	256.4	138.7	100.6	2.1	3.6	7.8	24.0	2.2	15.1	31.0	0.0	0.0	0.0
09	75.6	46.9	61.2	4.0	2.8	3.1	230.1	187.6	132.1	63.9	24.3	15.2	42.7	60.2	94.7	176.4	0.2	4.3	29.3	0.0	0.9	0.0
10	59.0	33.8	46.4	4.4	2.9	3.5	33.9	23.5	13.1	3.9	0.9	0.5	300.4	352.1	434.6	580.5	0.0	0.3	24.2	1.0	11.4	0.1
11	44.3	21.2	32.7	6.1	4.6	5.1	1.1	0.4	0.0	0.0	0.0	0.0	668.5	727.9	817.5	967.5	0.0	0.0	11.5	5.9	26.1	1.7
12	33.1	11.7	22.4	7.1	6.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1010.4	1072.3	1165.4	1320.4	0.0	0.0	3.2	12.3	30.4	5.5
Summary	58.7	33.6	46.1	5.4	4.2	4.7	1865	1597	1233	731	371	265	5050	5512	6242	7566	6.4	40.6	234.5	51.1	166.3	23.9

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	0.28	5.1	0.8	0.0	0.0	0.08	0.20	0.34	
02	0.26	5.1	0.6	0.0	0.0	0.12	0.29	0.34	
03	0.55	6.3	1.5	0.2	0.0	0.24	0.43	0.69	
04	1.54	8.8	3.7	0.7	0.2	0.94	1.31	2.11	
05	2.73	12.0	6.3	1.6	0.4	1.25	2.29	3.52	
06	2.51	11.1	6.2	1.4	0.4	1.50	2.36	3.05	
07	1.51	8.0	3.7	0.8	0.3	0.61	0.95	1.99	
08	0.91	6.5	2.5	0.4	0.1	0.43	0.74	1.50	
09	1.07	6.5	2.6	0.6	0.1	0.34	0.84	1.57	
10	0.97	7.6	2.6	0.4	0.0	0.52	0.97	1.12	
11	0.33	5.4	1.1	0.0	0.0	0.13	0.26	0.49	
12	0.22	4.3	0.6	0.0	0.0	0.07	0.17	0.31	
Summary	12.88	86.7	32.2	6.1	1.5	6.23	10.81	17.03	

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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	3.1	12.2	74.9	214.0	485.1	766.5	1058.1	1007.0	638.5	252.4	49.7	4.4
45	0.4	3.7	31.6	118.1	341.4	616.7	903.2	852.1	493.2	150.0	18.4	0.7
50	0.0	0.9	9.8	54.7	212.9	468.3	748.4	697.5	354.1	77.5	5.5	0.0
55	0.0	0.1	2.2	20.2	114.7	325.2	593.5	544.4	230.1	33.9	1.1	0.0
60	0.0	0.0	0.2	5.7	49.7	196.5	440.5	395.1	132.1	13.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.9	13.9	69.3	152.0	294.1	470.8	670.9	635.0	395.2	171.7	45.7	6.0

Growing Degree Units (Accumulated Monthly)												
40	3	15	90	304	789	1556	2614	3621	4259	4512	4561	4566
45	0	4	36	154	495	1112	2015	2867	3360	3510	3529	3530
50	0	1	11	65	278	747	1495	2192	2547	2624	2630	2630
55	0	0	2	22	137	462	1056	1600	1830	1864	1865	1865
60	0	0	0	6	56	252	693	1088	1220	1233	1233	1233
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	18	87	239	533	1004	1675	2310	2705	2877	2922	2928

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