

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 5971 ft. Lat: 45.1581° N Lon: 113.0058° W
Station: **DILLON 18 WSW, MT US USW00004137**

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	28.1	7.8	18.0	6.0	5.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1148.6	1210.6	1303.6	1458.6	0.0	0.0	0.1	16.7	30.9	8.8
02	31.9	9.0	20.4	4.5	5.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	967.1	1023.2	1107.4	1247.4	0.0	0.0	0.5	14.4	27.5	7.0
03	40.7	18.1	29.4	5.7	4.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	793.8	855.8	948.7	1103.7	0.0	0.0	5.6	4.9	29.8	1.8
04	50.2	25.5	37.9	3.5	1.9	2.4	0.1	0.0	0.0	0.0	0.0	0.0	514.6	574.5	664.5	814.5	0.0	0.0	15.7	0.9	26.5	0.0
05	60.4	33.2	46.8	3.5	1.9	2.2	9.3	3.4	0.4	0.0	0.0	0.0	263.6	319.7	409.7	564.2	0.0	0.0	26.6	0.1	14.5	0.0
06	68.9	39.1	54.0	4.2	1.6	2.4	65.9	40.8	15.9	1.5	0.0	0.0	95.7	130.7	195.9	331.5	0.0	0.3	28.9	0.0	3.5	0.0
07	80.9	44.0	62.4	4.1	2.3	3.0	238.4	182.4	105.9	20.9	0.6	0.1	8.1	13.9	30.1	100.0	0.0	2.0	31.0	0.0	0.2	0.0
08	79.2	42.0	60.6	3.2	1.5	2.0	190.5	139.0	72.6	12.5	0.6	0.1	17.1	27.5	54.0	148.9	0.0	1.5	31.0	0.0	0.8	0.0
09	68.8	34.7	51.8	3.3	1.9	1.9	43.4	24.8	8.6	0.5	0.0	0.0	141.0	182.4	256.1	398.1	0.0	0.2	28.1	0.1	11.2	0.0
10	53.4	25.3	39.4	4.4	3.0	3.3	2.6	1.1	0.0	0.0	0.0	0.0	487.7	548.2	640.1	795.1	0.0	0.0	19.5	1.3	25.1	0.3
11	38.5	14.6	26.5	4.4	3.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	853.5	913.5	1003.6	1153.6	0.0	0.0	5.7	8.0	28.6	3.6
12	28.4	6.5	17.5	3.8	3.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1163.6	1225.7	1318.9	1473.9	0.0	0.0	0.2	20.4	30.9	10.9
Summary	52.4	25.0	38.7	4.2	3.1	3.2	550	392	203	35	1	0	6454	7026	7933	9590	0.0	4.0	192.9	66.8	229.5	32.4

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	7.8	0.8	0.0	0.0	0.16	0.32	0.45
02	0.56	9.7	1.6	0.0	0.0	0.27	0.44	0.73
03	0.56	9.3	1.6	0.2	0.0	0.39	0.55	0.64
04	1.00	9.9	3.1	0.1	0.0	0.59	0.97	1.34
05	1.59	11.5	4.8	0.7	0.2	0.81	1.42	2.43
06	1.84	10.4	4.9	0.8	0.1	0.86	1.83	2.71
07	0.62	5.9	1.8	0.2	0.0	0.22	0.55	0.95
08	0.69	6.1	2.2	0.1	0.0	0.31	0.52	0.88
09	0.85	6.2	2.9	0.3	0.0	0.46	0.85	1.24
10	0.86	7.4	2.2	0.2	0.0	0.38	0.68	1.05
11	0.47	7.7	1.9	0.0	0.0	0.25	0.42	0.64
12	0.71	10.3	2.3	0.1	0.0	0.43	0.55	0.97
Summary	10.09	102.2	30.1	2.7	0.3	5.13	9.10	14.03

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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	0.1	0.7	7.7	54.6	228.6	421.1	695.5	638.4	361.0	95.7	6.5	0.6
45	0.0	0.1	1.3	15.5	114.9	278.4	540.6	484.0	227.8	41.4	0.7	0.0
50	0.0	0.0	0.0	3.1	42.4	154.8	386.6	332.7	118.3	14.7	0.0	0.0
55	0.0	0.0	0.0	0.1	9.3	65.9	238.4	190.5	43.4	2.6	0.0	0.0
60	0.0	0.0	0.0	0.0	0.4	15.9	105.9	72.6	8.6	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.1	12.8	62.1	173.1	285.1	474.2	448.7	288.2	106.0	14.8	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	1	8	63	292	713	1408	2047	2408	2503	2510	2510
45	0	0	1	17	132	410	951	1435	1663	1704	1705	1705
50	0	0	0	3	46	200	587	920	1038	1053	1053	1053
55	0	0	0	0	9	75	314	504	548	550	550	550
60	0	0	0	0	0	16	122	195	203	203	203	203
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	14	76	249	534	1008	1457	1745	1851	1866	1866

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