

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 860 ft. Lat: 39.7194° N Lon: 76.8028° W
Station: MILLERS 4 NE, MD US USC00185934

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	39.5	23.7	31.6	4.5	4.5	4.4	1.0	0.5	0.1	0.0	0.0	0.0	726.4	787.8	880.3	1035.3	0.0	0.0	5.7	8.1	24.4	0.6
02	42.9	25.3	34.1	4.9	4.3	4.6	1.6	0.8	0.2	0.0	0.0	0.0	586.8	641.9	725.3	865.2	0.0	0.0	7.1	4.7	21.6	0.2
03	51.8	31.9	41.8	4.6	3.6	4.0	14.9	9.6	4.4	0.6	0.0	0.0	422.5	479.2	566.9	718.3	0.0	0.0	16.3	1.1	16.7	0.0
04	64.5	41.8	53.2	2.9	2.3	2.5	84.6	62.8	37.5	12.6	3.1	1.4	140.1	178.3	243.0	368.1	0.0	0.0	27.5	0.0	4.0	0.0
05	73.2	51.3	62.3	3.4	3.5	3.3	245.1	197.3	135.1	60.7	17.8	9.0	20.3	34.6	65.4	145.9	0.0	0.2	30.9	0.0	0.2	0.0
06	80.8	60.0	70.4	1.8	1.5	1.5	462.6	403.3	316.2	182.5	79.3	49.2	0.6	1.3	4.3	20.5	0.0	1.9	30.0	0.0	0.0	0.0
07	84.9	64.4	74.6	2.5	2.1	2.2	609.1	547.1	454.0	299.6	156.4	108.8	0.0	0.0	0.0	0.5	0.0	5.7	31.0	0.0	0.0	0.0
08	83.1	62.6	72.9	2.2	2.3	2.1	553.3	491.4	398.4	247.1	115.3	74.9	0.0	0.0	0.2	3.8	0.0	3.2	31.0	0.0	0.0	0.0
09	76.7	56.3	66.5	2.7	2.4	2.2	350.4	294.5	216.4	108.1	37.0	20.4	5.4	9.5	21.5	63.2	0.0	0.8	30.0	0.0	0.0	0.0
10	65.4	45.4	55.4	2.5	2.8	2.4	108.3	78.6	45.0	14.8	3.0	1.3	95.9	128.2	187.6	312.4	0.0	0.0	29.8	0.0	1.7	0.0
11	53.9	35.9	44.9	4.2	3.0	3.5	16.9	9.8	3.6	0.4	0.0	0.0	319.9	372.8	456.5	603.4	0.0	0.0	19.3	0.2	11.0	0.0
12	43.7	28.4	36.1	4.5	4.0	4.2	3.4	2.0	0.7	0.1	0.0	0.0	590.8	651.4	743.1	897.5	0.0	0.0	8.2	4.0	21.2	0.0
Summary	63.4	43.9	53.6	3.4	3.0	3.1	2451	2098	1612	926	412	265	2909	3285	3894	5034	0.0	11.8	266.8	18.1	100.8	0.8

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	3.58	11.5	6.5	2.5	0.9	2.74	3.21	4.67	
02	2.94	10.8	5.9	2.1	0.5	1.82	2.63	3.87	
03	4.14	12.0	7.4	2.5	1.1	3.20	4.34	5.06	
04	3.84	12.7	6.8	2.6	1.0	2.55	3.46	4.72	
05	3.96	13.8	8.4	2.5	0.8	2.71	4.27	4.91	
06	3.80	12.2	7.1	2.5	0.9	2.33	3.59	5.23	
07	4.73	11.8	7.4	2.8	1.3	3.44	4.29	5.21	
08	4.19	10.6	6.7	2.4	1.2	2.61	3.80	5.01	
09	5.11	10.1	6.5	2.9	1.6	2.37	5.07	6.79	
10	4.19	10.1	5.6	2.5	1.3	2.03	3.87	5.50	
11	3.36	9.6	5.7	2.3	0.9	2.02	3.09	4.61	
12	4.04	11.3	6.9	2.9	1.1	2.95	4.10	5.00	
Summary	47.88	136.5	80.9	30.5	12.6	30.77	45.72	60.58	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	9.70	5.4	2.5	0.8	0.5	0.1	9.1	4.6	2.5	1.1	3.50	6.10	12.60
02	10.80	4.9	2.5	1.0	0.6	0.2	10.3	8.0	5.0	1.9	2.50	7.70	13.20
03	6.30	3.3	1.8	0.7	0.4	0.1	4.9	3.0	1.6	0.4	1.60	4.40	11.00
04	0.50	0.5	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.40
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.20	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.00	0.8	0.3	0.1	0.0	0.0	0.6	0.3	0.1	0.0	0.00	0.00	0.50
12	5.60	3.4	1.3	0.7	0.4	0.0	4.6	2.6	1.1	0.1	0.60	3.10	8.50
Summary	34.1	18.4	8.6	3.3	1.9	0.4	29.7	18.5	10.3	3.5	8.2	21.3	46.2

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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	36.2	46.1	151.3	401.7	689.7	911.9	1073.9	1018.2	794.8	478.9	196.3	62.2
45	14.4	18.9	81.1	270.5	535.0	761.9	919.0	863.3	644.9	333.7	107.4	27.1
50	5.1	6.1	37.8	162.1	383.4	612.0	764.1	708.3	495.7	205.8	49.6	10.8
55	1.0	1.6	14.9	84.6	245.1	462.6	609.1	553.3	350.4	108.3	16.9	3.4
60	0.1	0.2	4.4	37.5	135.1	316.2	454.0	398.4	216.4	45.0	3.6	0.7
Growing Degree Units for Corn (Monthly)												
50/86	17.7	26.1	88.2	237.5	420.1	606.5	741.1	695.3	507.5	269.1	99.5	27.8
Growing Degree Units (Accumulated Monthly)												
40	36	82	234	635	1325	2237	3311	4329	5124	5603	5799	5861
45	14	33	114	385	920	1682	2601	3464	4109	4443	4550	4577
50	5	11	49	211	594	1206	1971	2679	3175	3380	3430	3441
55	1	3	18	102	347	810	1419	1972	2323	2431	2448	2451
60	0	0	5	42	177	494	948	1346	1562	1607	1611	1612
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	44	132	370	790	1396	2137	2832	3340	3609	3709	3736

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