

Summary of Monthly Normals
1991-2020

Generated on 05/08/2024

Current Location: Elev: 730 ft. Lat: 39.6419° N Lon: 78.7561° W
Station: CUMBERLAND 2, MD US USC00182282

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	39.2	22.5	30.8	4.6	4.5	4.4	0.4	0.1	0.0	0.0	0.0	0.0	749.0	810.6	903.4	1058.4	0.0	0.0	6.4	7.2	25.3	0.5
02	43.4	23.9	33.7	5.2	4.0	4.4	1.6	0.8	0.2	0.0	0.0	0.0	599.4	654.5	737.9	877.7	0.0	0.0	8.7	3.4	23.2	0.2
03	53.0	31.2	42.1	4.6	3.1	3.7	16.8	11.0	5.3	1.1	0.1	0.0	416.7	472.8	560.0	710.9	0.0	0.0	19.3	0.5	17.6	0.0
04	66.3	40.9	53.6	3.1	2.1	2.4	92.4	67.9	40.4	13.0	2.5	0.9	134.4	169.9	232.5	355.1	0.0	0.5	28.0	0.0	4.2	0.0
05	74.6	51.2	62.9	3.5	3.5	3.3	264.7	215.4	151.5	71.3	23.5	12.3	19.8	32.5	61.6	136.4	0.0	2.3	30.9	0.0	0.3	0.0
06	82.5	60.1	71.3	1.9	1.6	1.5	489.5	430.2	342.9	206.2	96.1	64.0	0.5	1.3	4.1	17.3	0.1	6.6	30.0	0.0	0.0	0.0
07	87.1	64.4	75.8	2.9	2.1	2.4	643.2	581.2	488.1	333.4	187.4	137.3	0.0	0.0	0.0	0.2	0.8	13.7	31.0	0.0	0.0	0.0
08	85.4	62.7	74.0	2.4	2.2	2.2	590.5	528.5	435.6	282.9	145.4	101.0	0.0	0.1	0.2	2.5	0.4	9.4	31.0	0.0	0.0	0.0
09	78.5	55.0	66.8	2.8	2.6	2.2	358.4	303.1	225.3	118.0	45.6	27.7	5.9	10.7	23.0	65.6	0.1	4.1	30.0	0.0	0.0	0.0
10	66.8	43.2	55.0	2.8	2.8	2.1	103.0	76.0	44.4	15.7	4.2	2.1	103.0	138.0	199.4	325.7	0.0	0.3	29.9	0.0	3.3	0.0
11	53.9	33.5	43.7	4.8	2.6	3.5	11.9	7.1	2.8	0.1	0.0	0.0	350.9	406.0	491.7	639.0	0.0	0.0	20.1	0.2	14.2	0.0
12	42.9	27.1	35.0	4.6	3.5	3.9	1.6	0.8	0.2	0.0	0.0	0.0	621.6	682.8	775.0	929.9	0.0	0.0	8.5	3.2	22.9	0.0
Summary	64.5	43.0	53.7	3.6	2.9	3.0	2574	2222	1737	1042	505	345	3001	3379	3989	5119	1.4	36.9	273.8	14.5	111.0	0.7

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	2.79	12.6	5.9	2.0	0.5	1.62	2.70	3.66	
02	2.38	10.9	5.5	1.2	0.4	1.44	2.08	3.09	
03	3.42	12.1	7.2	2.3	0.6	2.46	3.57	4.38	
04	3.41	12.6	7.7	2.2	0.8	2.26	3.39	4.33	
05	4.22	14.4	8.6	2.9	0.9	2.77	4.09	5.26	
06	3.87	12.4	7.6	2.8	0.9	2.66	3.57	4.50	
07	3.73	10.9	6.7	2.6	0.9	2.51	3.64	5.36	
08	3.40	10.7	6.5	2.3	0.9	2.45	3.06	3.95	
09	3.55	10.0	5.9	2.2	1.0	1.44	2.91	4.37	
10	2.82	9.4	5.7	1.8	0.5	1.43	2.69	3.82	
11	2.58	9.1	5.0	1.9	0.6	1.59	2.54	3.41	
12	3.05	11.3	6.3	2.2	0.6	2.17	2.89	3.56	
Summary	39.22	136.4	78.6	26.4	8.6	24.80	37.13	49.69	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	8.20	3.5	2.6	1.2	0.4	0.1	11.1	5.7	3.0	0.8	3.00	4.00	8.40
02	7.70	3.4	2.7	1.1	0.3	0.1	9.8	5.8	3.6	1.4	1.90	6.00	11.50
03	6.80	2.1	1.8	0.8	0.4	0.1	4.6	2.3	1.3	0.2	0.70	4.00	10.00
04	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.50	0.3	0.3	0.2	0.1	0.0	0.7	0.2	0.1	0.0	0.00	0.00	0.00
12	5.40	2.1	1.5	0.8	0.4	0.0	6.5	3.3	1.9	0.2	0.00	1.50	8.60
Summary	28.7	11.5	8.9	4.1	1.6	0.3	32.7	17.3	9.9	2.6	5.6	15.5	38.5

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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	27.8	38.5	155.5	415.8	710.0	938.9	1108.1	1055.4	802.4	467.6	169.4	43.4
45	10.0	15.8	85.2	285.3	555.4	788.9	953.2	900.5	652.5	322.6	88.7	16.4
50	2.7	5.6	41.2	175.0	404.2	639.0	798.2	745.5	503.4	196.2	37.5	5.4
55	0.4	1.6	16.8	92.4	264.7	489.5	643.2	590.5	358.4	103.0	11.9	1.6
60	0.0	0.2	5.3	40.4	151.5	342.9	488.1	435.6	225.3	44.4	2.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	17.0	30.6	103.1	259.3	437.8	622.7	752.4	713.2	512.8	283.6	101.6	23.8

Growing Degree Units (Accumulated Monthly)												
40	28	66	222	638	1348	2286	3395	4450	5252	5720	5889	5933
45	10	26	111	396	952	1741	2694	3594	4247	4569	4658	4674
50	3	8	50	224	629	1268	2066	2811	3315	3511	3548	3554
55	0	2	19	111	376	865	1509	2099	2458	2560	2572	2574
60	0	0	6	46	197	540	1028	1464	1689	1734	1736	1737
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	48	151	410	848	1470	2223	2936	3449	3733	3834	3858

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