

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 09/28/2021

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	40.5	25.3	32.9	4.4	4.5	4.4	1.4	0.7	0.1	0.0	0.0	0.0	686.4	747.6	840.0	994.8	0.0	0.0	5.7	9.1	24.2	0.1
02	43.6	27.3	35.5	5.1	4.3	4.6	3.8	2.5	1.1	0.3	0.0	0.0	551.1	605.9	688.4	827.5	0.0	0.0	6.9	4.7	21.5	0.0
03	52.8	34.0	43.4	4.2	3.5	3.8	21.1	14.0	6.6	1.3	0.1	0.1	380.7	435.5	521.1	670.8	0.0	0.0	17.6	1.0	14.7	0.0
04	64.9	44.3	54.6	2.7	2.2	2.4	106.3	80.1	50.9	20.1	6.7	3.8	118.3	152.1	212.9	332.2	0.0	0.3	27.3	0.0	2.5	0.0
05	74.4	54.5	64.4	3.6	3.3	3.3	304.6	251.7	182.1	92.9	36.0	21.5	11.7	20.7	44.2	110.0	0.0	1.1	30.9	0.0	0.0	0.0
06	82.6	63.7	73.1	2.0	1.2	1.5	544.7	485.0	396.1	254.7	133.0	94.1	0.2	0.5	1.7	10.3	0.0	4.6	30.0	0.0	0.0	0.0
07	87.3	67.9	77.6	2.7	2.1	2.3	700.5	638.4	545.4	390.6	239.8	184.2	0.0	0.0	0.0	0.1	0.4	10.0	31.0	0.0	0.0	0.0
08	84.9	65.7	75.3	2.2	2.1	2.0	629.3	567.2	474.3	321.1	178.1	128.2	0.0	0.0	0.1	1.9	0.0	5.8	31.0	0.0	0.0	0.0
09	77.8	58.9	68.4	2.9	2.3	2.3	403.6	346.3	264.1	144.8	61.6	39.4	3.2	5.9	13.8	44.5	0.0	2.0	30.0	0.0	0.0	0.0
10	66.0	47.4	56.7	2.8	2.7	2.5	131.3	97.7	58.5	21.9	6.8	3.8	78.6	107.0	160.8	279.1	0.0	0.0	29.7	0.0	0.6	0.0
11	54.4	37.4	45.9	4.3	2.9	3.5	17.3	10.0	3.5	0.4	0.0	0.0	290.3	342.9	426.4	573.4	0.0	0.0	19.9	0.1	8.9	0.0
12	44.0	29.8	36.9	4.5	3.5	3.9	4.3	2.9	1.2	0.2	0.0	0.0	565.3	625.9	717.2	871.1	0.0	0.0	8.1	3.9	20.9	0.0
Summary	64.4	46.3	55.4	3.4	2.9	3.0	2868	2496	1984	1248	662	475	2686	3044	3627	4716	0.4	23.8	268.1	18.8	93.3	0.1

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	2.46	10.0	5.2	1.3	0.3	1.54	2.27	2.88
02	1.97	8.9	4.9	1.1	0.2	1.14	1.82	2.68
03	3.04	10.3	6.3	1.6	0.5	1.90	3.19	3.67
04	3.33	11.7	6.9	2.1	0.6	2.56	3.11	4.12
05	3.55	14.0	8.0	2.6	0.6	2.08	3.46	4.60
06	3.36	11.8	6.7	2.5	0.5	1.70	2.83	4.78
07	2.94	11.4	5.8	2.2	0.6	1.60	2.87	4.21
08	2.90	10.0	5.7	1.9	0.5	1.84	2.44	3.51
09	3.83	9.5	6.2	2.7	1.0	1.95	3.24	4.85
10	2.76	9.2	5.3	2.0	0.6	1.29	2.28	3.89
11	2.63	8.4	4.8	1.5	0.4	1.58	2.49	3.16
12	2.83	9.2	5.4	1.8	0.5	2.01	2.83	3.68
Summary	35.60	124.4	71.2	23.3	6.3	21.19	32.83	46.03

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U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 698 ft. Lat: 39.7078° N Lon: -77.7297° W  
 Station: **HAGERSTOWN WASHINGTON CO AP, MD US USW00093706**

## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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

<b>Growing Degree Units (Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	41.5	56.1	179.2	442.7	757.9	994.4	1165.4	1094.2	850.3	518.7	213.0	67.1
45	17.3	25.4	100.8	307.7	603.3	844.4	1010.4	939.2	700.4	369.2	115.2	28.6
50	5.8	9.9	50.1	193.2	449.8	694.5	855.5	784.3	551.0	236.4	50.6	11.4
55	1.4	3.8	21.1	106.3	304.6	544.7	700.5	629.3	403.6	131.3	17.3	4.3
60	0.1	1.1	6.6	50.9	182.1	396.1	545.4	474.3	264.1	58.5	3.5	1.2
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	20.1	31.2	99.0	250.0	466.6	675.9	808.5	755.5	549.4	284.9	103.0	28.7

<b>Growing Degree Units (Accumulated Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	42	98	277	720	1477	2472	3637	4731	5582	6100	6313	6381
45	17	43	144	451	1054	1899	2909	3848	4549	4918	5033	5062
50	6	16	66	259	709	1403	2259	3043	3594	3831	3881	3893
55	1	5	26	133	437	982	1682	2312	2715	2847	2864	2868
60	0	1	8	59	241	637	1182	1657	1921	1979	1983	1984
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	20	51	150	400	867	1543	2351	3107	3656	3941	4044	4073

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

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.