

Summary of Monthly Normals
1981-2010

Generated on 04/28/2024

Current Location: Elev: 750 ft. Lat: 39.5736° N Lon: 76.9883° W
Station: WESTMINSTER, MD US USC00189440

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	41.3	21.9	31.6	5.4	4.6	4.9	2	1	-7777	0	0	0	727	788	880	1035	0.0	0.0	6.1	5.6	26.6	0.7
02	44.9	24.2	34.6	4.4	3.2	3.7	1	1	-7777	0	0	0	574	629	713	852	0.0	0.0	8.4	2.9	21.9	0.2
03	54.2	30.4	42.3	4.0	2.6	3.1	18	13	7	2	-7777	-7777	412	468	556	706	0.0	0.0	18.9	0.5	17.7	0.1
04	66.1	40.4	53.3	3.2	2.3	2.6	82	60	36	12	4	2	135	173	238	365	0.0	0.1	28.3	0.0	4.8	0.0
05	75.2	49.4	62.3	3.0	2.7	2.8	246	197	135	63	21	11	20	33	64	146	0.0	1.0	31.0	0.0	0.2	0.0
06	84.0	58.8	71.4	2.4	1.8	1.8	493	433	347	212	100	67	1	2	5	20	0.0	5.5	30.0	0.0	0.0	0.0
07	87.6	63.3	75.5	2.5	2.1	2.1	634	572	479	325	180	130	0	-7777	-7777	1	0.2	9.5	31.0	0.0	0.0	0.0
08	85.3	61.4	73.3	2.1	2.1	2.0	569	507	414	264	131	89	-7777	-7777	1	5	0.2	6.2	31.0	0.0	0.0	0.0
09	78.4	54.9	66.6	2.5	2.1	1.9	354	298	219	113	43	25	5	9	20	64	0.0	1.6	30.0	0.0	0.0	0.0
10	67.6	43.6	55.6	2.8	2.9	2.7	111	81	47	15	3	1	92	124	184	306	0.0	0.1	30.6	0.0	2.8	0.0
11	56.0	34.6	45.3	3.6	2.7	3.0	20	12	5	1	-7777	0	311	363	446	592	0.0	0.0	22.0	0.1	12.1	0.0
12	43.9	26.2	35.1	5.8	4.2	4.8	3	1	-7777	0	0	0	621	682	774	928	0.0	0.0	8.1	3.8	22.9	0.4
Summary	65.4	42.4	53.9	3.5	2.8	2.9	2533	2176	1689	1007	482	325	2898	3271	3881	5020	0.4	24.0	275.4	12.9	109.0	1.4

-7777: a non-zero value that would round to zero
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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

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	2.88	8.4	5.6	2.2	0.8	2.02	2.71	3.78	
02	2.49	8.1	5.8	1.5	0.3	1.69	2.37	3.00	
03	3.59	9.9	7.4	2.8	0.6	2.26	3.62	4.23	
04	3.50	10.6	7.3	2.1	0.8	2.42	3.20	4.53	
05	4.15	11.9	8.5	3.2	1.2	2.64	4.14	5.72	
06	3.92	9.8	6.5	2.2	0.7	2.41	3.06	5.64	
07	4.32	8.8	6.3	2.8	1.3	1.70	3.87	5.54	
08	3.72	8.4	5.9	2.2	1.0	2.53	3.47	4.63	
09	4.28	7.8	5.3	2.6	0.8	2.04	3.64	6.49	
10	3.64	7.2	5.4	2.6	0.9	2.83	3.45	4.56	
11	3.27	8.9	6.2	2.7	0.9	1.85	3.31	4.56	
12	3.64	8.9	6.4	2.1	0.5	1.96	3.22	5.10	
Summary	43.40	108.7	76.6	29.0	9.8	26.35	40.06	57.78	

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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	7.3	3.0	2.3	1.1	0.5	0.1	8.4	5.8	3.3	1.4	3.0	5.0	9.0
02	6.5	1.9	1.5	1.0	0.4	0.1	6.3	4.3	2.5	0.4	0.0	2.0	13.0
03	2.7	1.2	1.0	0.4	0.2	0.1	2.4	0.9	0.5	0.2	0.0	1.5	4.0
04	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.9	0.3	0.3	0.2	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0
12	2.5	1.1	0.9	0.4	0.1	0.0	3.4	2.1	0.7	0.0	0.0	1.0	4.0
Summary	20.0	7.6	6.1	3.1	1.2	0.3	21.1	13.5	7.0	2.0	3.0	9.5	30.0

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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	45	159	403	691	942	1099	1034	799	485	204	57
45	15	18	86	271	537	792	944	879	649	338	112	26
50	6	6	41	160	385	642	789	724	500	209	53	10
55	2	1	18	82	246	493	634	569	354	111	20	3
60	-7777	-7777	7	36	135	347	479	414	219	47	5	-7777
Growing Degree Units for Corn (Monthly)												
50/86	23	30	110	253	431	624	744	695	511	293	119	30

Growing Degree Units (Accumulated Monthly)												
40	36	81	240	643	1334	2276	3375	4409	5208	5693	5897	5954
45	15	33	119	390	927	1719	2663	3542	4191	4529	4641	4667
50	6	12	53	213	598	1240	2029	2753	3253	3462	3515	3525
55	2	3	21	103	349	842	1476	2045	2399	2510	2530	2533
60	0	0	7	43	178	525	1004	1418	1637	1684	1689	1689
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	23	53	163	416	847	1471	2215	2910	3421	3714	3833	3863

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