

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

Current Location: Elev: 156 ft. Lat: 39.1667° N Lon: 76.6833° W
Station: **BALTIMORE WASH INTL AP, MD US USW00093721**

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	43.2	25.4	34.3	4.5	4.1	4.2	2.1	1.0	0.2	0.0	0.0	0.0	643.6	704.6	796.8	951.4	0.0	0.0	8.1	5.5	24.0	0.1
02	46.4	26.9	36.6	5.0	4.0	4.4	2.9	1.6	0.4	0.0	0.0	0.0	516.6	571.3	654.1	793.6	0.0	0.0	10.2	2.8	21.0	0.0
03	54.8	33.9	44.3	4.2	3.4	3.7	21.4	14.2	7.1	1.8	0.3	0.1	351.5	406.3	492.2	641.9	0.0	0.0	19.6	0.6	13.9	0.0
04	66.5	43.6	55.0	2.6	2.4	2.3	105.5	79.5	49.8	19.0	5.3	3.0	104.0	138.0	198.3	317.6	0.0	0.4	28.2	0.0	2.4	0.0
05	75.5	53.3	64.4	3.6	3.7	3.4	301.4	248.7	178.7	90.2	35.7	22.0	10.0	19.3	42.2	108.8	0.0	2.1	31.0	0.0	0.0	0.0
06	84.4	62.6	73.5	2.2	2.0	1.9	555.2	495.6	407.1	266.0	143.9	104.3	0.2	0.6	2.2	11.2	0.2	6.7	30.0	0.0	0.0	0.0
07	88.8	67.7	78.3	2.9	2.3	2.4	720.6	658.6	565.6	410.6	258.1	201.4	0.0	0.0	0.0	0.0	0.9	13.4	31.0	0.0	0.0	0.0
08	86.5	65.8	76.2	2.3	2.4	2.1	655.6	593.6	500.6	346.0	198.5	145.7	0.0	0.0	0.0	0.5	0.2	8.2	31.0	0.0	0.0	0.0
09	79.7	58.8	69.2	2.6	2.4	2.1	429.2	371.1	287.2	163.0	71.6	46.5	1.8	3.7	9.8	35.7	0.0	2.8	30.0	0.0	0.0	0.0
10	68.3	46.5	57.4	2.6	2.7	2.3	139.5	105.1	64.6	24.1	6.9	3.8	65.0	92.6	145.2	259.7	0.0	0.2	30.5	0.0	1.0	0.0
11	57.3	36.5	46.9	3.9	2.9	3.2	23.6	14.7	5.9	0.9	0.1	0.0	266.5	317.7	398.9	543.9	0.0	0.0	23.1	0.0	10.4	0.0
12	47.5	29.6	38.6	4.1	3.4	3.7	5.2	3.1	1.1	0.1	0.0	0.0	515.1	575.0	666.0	819.9	0.0	0.0	12.4	1.8	20.6	0.0
Summary	66.6	45.9	56.2	3.4	3.0	3.0	2962	2587	2068	1322	720	527	2474	2829	3406	4484	1.3	33.8	285.1	10.7	93.3	0.1

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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	3.08	10.1	5.9	2.1	0.8	2.56	2.78	3.61
02	2.90	9.3	5.5	2.0	0.6	2.02	2.46	3.76
03	4.01	11.0	7.2	2.6	0.9	2.67	4.16	4.94
04	3.39	11.2	6.2	2.4	0.8	2.20	3.24	4.25
05	3.85	11.9	7.0	2.7	0.9	2.48	3.38	5.31
06	3.98	11.3	7.0	2.5	1.0	2.43	3.55	4.62
07	4.48	10.4	7.3	2.8	1.1	2.77	3.57	5.53
08	4.09	9.6	6.2	2.6	0.9	2.54	3.68	4.71
09	4.44	9.1	5.7	2.7	1.1	2.02	3.71	5.89
10	3.94	8.6	5.3	2.8	1.0	2.53	3.36	5.84
11	3.13	8.5	5.4	2.1	0.8	1.78	2.54	4.04
12	3.71	10.3	6.3	3.0	1.0	2.40	3.58	4.62
Summary	45.00	121.3	75.0	30.3	10.9	28.40	40.01	57.12

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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	6.40	2.8	1.5	0.6	0.3	0.1	4.3	1.9	1.3	0.6	1.70	3.80	7.50
02	7.50	2.9	1.5	0.8	0.4	0.1	5.2	2.4	1.3	0.6	0.50	2.60	8.80
03	2.80	1.5	0.8	0.4	0.1	0.0	1.6	0.6	0.3	0.0	0.00	1.70	4.00
04	0.00	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	0.10	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	2.50	1.5	0.8	0.2	0.1	0.0	2.0	0.6	0.4	0.1	0.00	0.90	2.90
Summary	19.3	9.0	4.6	2.0	0.9	0.2	13.1	5.5	3.3	1.3	2.2	9.0	23.2

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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	50.6	60.9	192.2	453.7	756.4	1004.9	1185.5	1120.5	877.3	539.7	234.1	84.0
45	20.5	26.5	105.1	314.0	601.5	854.9	1030.6	965.6	727.4	388.4	131.7	37.1
50	7.3	9.5	51.5	194.0	447.3	704.9	875.6	810.6	577.6	250.4	63.1	14.7
55	2.1	2.9	21.4	105.5	301.4	555.2	720.6	655.6	429.2	139.5	23.6	5.2
60	0.2	0.4	7.1	49.8	178.7	407.1	565.6	500.6	287.2	64.6	5.9	1.1
Growing Degree Units for Corn (Monthly)												
50/86	30.2	40.9	115.1	265.8	467.8	674.5	812.5	771.1	572.4	316.8	132.7	45.5

Growing Degree Units (Accumulated Monthly)												
40	51	112	304	757	1514	2519	3704	4825	5702	6242	6476	6560
45	20	47	152	466	1068	1922	2953	3919	4646	5034	5166	5203
50	7	17	68	262	710	1414	2290	3101	3678	3929	3992	4006
55	2	5	26	132	433	988	1709	2365	2794	2933	2957	2962
60	0	1	8	58	236	643	1209	1710	1997	2061	2067	2068
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	71	186	452	920	1594	2407	3178	3750	4067	4200	4245

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