

Summary of Monthly Normals
1991-2020
Generated on 04/25/2024

Current Location: Elev: 10 ft. Lat: 38.0722° N Lon: 75.2128° W
Station: ASSATEAGUE, MD US USC00180335

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	46.7	30.5	38.6	3.5	3.6	3.5	0.7	0.1	0.0	0.0	0.0	0.0	509.0	570.4	663.3	818.3	0.0	0.0	10.7	2.4	18.6	0.0
02	48.4	32.6	40.5	3.4	4.1	3.6	0.9	0.3	0.0	0.0	0.0	0.0	406.9	462.3	546.0	686.0	0.0	0.0	10.4	1.1	16.2	0.0
03	53.7	37.4	45.6	3.7	2.6	3.0	9.3	5.0	1.7	0.1	0.0	0.0	302.2	360.0	449.6	603.0	0.0	0.0	20.6	0.2	7.2	0.0
04	62.9	45.0	54.0	2.5	2.0	2.1	70.3	48.1	25.3	7.0	1.2	0.5	101.8	139.6	206.8	338.5	0.0	0.0	28.8	0.0	0.8	0.0
05	71.7	53.9	62.8	2.7	2.3	2.4	250.6	197.7	129.6	51.5	14.2	7.2	8.8	17.9	42.8	119.7	0.0	0.4	31.0	0.0	0.0	0.0
06	80.9	63.1	72.0	2.1	2.1	2.0	510.0	450.2	362.0	221.6	105.6	71.0	0.0	0.3	2.0	11.7	0.0	2.8	30.0	0.0	0.0	0.0
07	86.1	68.2	77.2	1.9	2.3	1.9	686.5	624.5	531.5	376.6	223.5	166.2	0.0	0.0	0.0	0.0	0.2	6.1	31.0	0.0	0.0	0.0
08	85.4	67.7	76.6	1.8	2.0	1.8	668.0	606.0	513.0	358.1	206.4	150.4	0.0	0.0	0.0	0.1	0.2	5.1	31.0	0.0	0.0	0.0
09	80.3	64.4	72.3	1.6	2.5	1.9	520.4	460.7	372.1	229.9	108.2	70.5	0.0	0.3	1.7	9.5	0.0	1.0	30.0	0.0	0.0	0.0
10	71.7	53.4	62.5	2.4	3.1	2.6	249.7	199.3	132.9	55.6	18.0	10.5	15.7	27.3	53.8	131.6	0.0	0.3	31.0	0.0	0.1	0.0
11	60.4	42.3	51.3	2.7	3.2	2.7	48.7	30.3	12.6	1.7	0.1	0.0	158.1	199.7	272.0	411.1	0.0	0.0	27.1	0.0	4.0	0.0
12	51.7	35.0	43.4	4.1	3.7	3.8	7.9	4.7	1.8	0.2	0.0	0.0	369.0	427.8	517.9	671.3	0.0	0.0	16.7	0.6	14.6	0.0
Summary	66.7	49.5	58.1	2.7	2.8	2.6	3023	2627	2082	1302	677	476	1871	2206	2756	3801	0.4	15.7	298.3	4.3	61.5	0.0

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	3.39	10.1	6.1	2.6	0.8	2.27	3.23	4.02
02	3.29	9.1	5.4	2.2	0.7	2.33	3.29	4.10
03	4.24	11.0	7.2	3.1	1.2	3.41	4.03	4.85
04	3.39	10.3	5.6	2.1	0.7	2.43	3.46	4.46
05	3.20	10.4	6.1	1.8	0.6	1.84	2.94	4.01
06	3.50	9.4	5.9	1.9	0.8	2.00	2.94	4.85
07	4.21	9.4	5.9	2.5	1.0	2.69	4.41	5.74
08	4.20	8.2	5.4	2.4	1.2	2.60	3.56	4.81
09	4.50	7.9	5.7	2.9	1.3	2.43	4.29	5.59
10	3.94	8.4	4.8	2.0	1.2	2.01	4.01	5.39
11	3.02	7.7	4.8	2.0	0.8	1.16	2.52	4.49
12	4.00	10.7	6.5	2.9	1.0	2.87	3.78	5.12
Summary	44.88	112.6	69.4	28.4	11.3	28.04	42.46	57.43

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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	1.80	0.6	0.4	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.00	0.00	2.20
02	1.00	0.7	0.3	0.1	0.1	0.0	0.4	0.2	0.2	0.0	0.00	0.00	0.70
03	0.40	0.4	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.50
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.3	0.1	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
Summary	3.4	2.0	0.9	0.4	0.2	0.0	1.0	0.5	0.3	0.0	0.0	0.0	3.4

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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	83.6	84.6	196.5	419.0	706.8	959.9	1151.5	1133.0	970.4	699.1	348.7	155.9
45	31.4	29.6	92.5	275.7	551.8	809.9	996.5	978.0	820.4	544.3	220.6	72.8
50	7.9	7.8	34.1	155.4	397.5	659.9	841.5	823.0	670.4	392.1	117.6	26.0
55	0.7	0.9	9.3	70.3	250.6	510.0	686.5	668.0	520.4	249.7	48.7	7.9
60	0.0	0.0	1.7	25.3	129.6	362.0	531.5	513.0	372.1	132.9	12.6	1.8
Growing Degree Units for Corn (Monthly)												
50/86	33.6	34.2	84.4	209.4	409.2	647.5	809.0	797.9	666.2	420.2	177.3	69.1

Growing Degree Units (Accumulated Monthly)												
40	84	168	365	784	1490	2450	3602	4735	5705	6404	6753	6909
45	31	61	154	429	981	1791	2787	3765	4586	5130	5351	5424
50	8	16	50	205	603	1263	2104	2927	3598	3990	4107	4133
55	1	2	11	81	332	842	1528	2196	2717	2966	3015	3023
60	0	0	2	27	157	519	1050	1563	1935	2068	2081	2082
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	34	68	152	362	771	1418	2227	3025	3691	4112	4289	4358

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

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