

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 680 ft. Lat: 39.1833° N Lon: 78.1167° W
Station: WINCHESTER 7 SE, VA US USC00449186

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	42.1	21.2	31.6	4.1	5.1	4.4	1.4	0.6	0.1	0.0	0.0	0.0	725.1	786.3	878.7	1033.7	0.0	0.0	8.2	6.1	26.3	1.0
02	45.4	22.7	34.0	5.2	3.7	4.3	1.4	0.6	0.1	0.0	0.0	0.0	587.9	643.1	726.6	866.6	0.0	0.0	10.1	3.0	23.3	0.2
03	53.4	28.8	41.1	4.4	3.2	3.7	12.3	7.6	3.3	0.6	0.0	0.0	443.1	500.4	589.1	741.4	0.0	0.0	18.3	0.9	20.4	0.1
04	65.6	38.4	52.0	2.6	2.2	2.1	74.2	54.3	32.0	10.6	2.4	1.0	164.2	204.4	272.1	400.6	0.0	0.3	27.2	0.0	8.2	0.0
05	74.2	48.9	61.6	3.7	3.6	3.4	233.1	188.5	130.0	58.3	18.4	10.1	30.0	47.5	81.9	165.3	0.0	1.6	30.8	0.0	1.0	0.0
06	82.6	58.0	70.3	2.1	1.7	1.5	459.9	401.0	315.2	184.2	83.4	54.4	1.0	2.1	6.3	25.3	0.0	5.0	30.0	0.0	0.0	0.0
07	87.1	62.8	75.0	2.8	2.2	2.3	618.4	556.3	463.3	309.2	166.5	118.3	0.0	0.0	0.0	0.9	0.5	11.4	31.0	0.0	0.0	0.0
08	85.5	60.9	73.2	2.4	2.2	2.1	564.1	502.1	409.3	258.0	125.3	82.7	0.0	0.0	0.2	3.9	0.1	8.0	31.0	0.0	0.0	0.0
09	78.7	53.5	66.1	3.0	2.6	2.2	340.5	285.5	208.7	104.3	37.5	22.6	7.5	12.6	25.9	71.3	0.0	2.6	30.0	0.0	0.0	0.0
10	67.4	41.4	54.4	2.9	3.1	2.4	93.6	67.4	38.3	12.9	2.6	1.1	112.2	147.9	211.8	341.5	0.0	0.2	29.9	0.0	5.1	0.0
11	56.0	32.0	44.0	4.5	3.1	3.4	13.2	7.6	2.9	0.4	0.0	0.0	343.2	397.5	482.8	630.3	0.0	0.0	21.4	0.1	17.1	0.0
12	45.7	25.1	35.4	4.7	3.6	4.0	2.8	1.7	0.7	0.0	0.0	0.0	610.4	671.2	763.1	917.5	0.0	0.0	11.4	2.4	24.1	0.0
Summary	65.3	41.1	53.2	3.5	3.0	3.0	2415	2073	1604	938	436	290	3025	3413	4039	5198	0.6	29.1	279.3	12.5	125.5	1.3

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	2.48	8.8	5.7	1.5	0.4	1.53	2.06	3.16	
02	2.23	7.9	5.1	1.4	0.3	1.25	1.89	3.10	
03	3.43	9.8	6.7	2.4	0.8	2.87	3.25	4.33	
04	3.22	12.6	7.1	2.3	0.4	2.17	3.16	3.81	
05	3.94	13.5	8.1	2.7	0.8	2.62	3.92	5.34	
06	4.04	12.1	7.7	2.9	1.2	2.81	4.00	5.53	
07	3.82	11.8	6.7	2.8	1.1	2.55	3.32	5.12	
08	3.66	10.8	6.1	2.3	0.9	2.52	3.33	4.71	
09	4.39	10.1	6.0	2.6	1.3	1.93	4.17	6.32	
10	3.05	9.2	5.1	2.1	0.8	1.34	3.04	4.24	
11	2.89	7.6	5.0	2.2	0.7	1.44	2.43	3.79	
12	2.81	8.6	5.4	1.7	0.6	2.01	2.64	3.73	
Summary	39.96	122.8	74.7	26.9	9.3	25.04	37.21	53.18	

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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	37.2	43.1	135.7	370.1	668.1	908.9	1083.3	1029.0	782.8	448.7	175.8	54.2
45	15.6	17.6	70.5	243.2	513.7	758.9	928.3	874.0	633.1	305.3	93.1	23.3
50	5.8	5.6	32.9	143.5	364.6	609.0	773.4	719.1	484.4	183.0	40.7	8.7
55	1.4	1.4	12.3	74.2	233.1	459.9	618.4	564.1	340.5	93.6	13.2	2.8
60	0.1	0.1	3.3	32.0	130.0	315.2	463.3	409.3	208.7	38.3	2.9	0.7
Growing Degree Units for Corn (Monthly)												
50/86	27.4	40.3	105.4	248.0	414.1	595.6	728.4	690.2	501.5	287.4	120.9	38.2

Growing Degree Units (Accumulated Monthly)												
40	37	80	216	586	1254	2163	3246	4275	5058	5507	5683	5737
45	16	33	104	347	861	1620	2548	3422	4055	4360	4453	4477
50	6	11	44	188	552	1161	1935	2654	3138	3321	3362	3371
55	1	3	15	89	322	782	1401	1965	2305	2399	2412	2415
60	0	0	4	36	166	481	944	1353	1562	1600	1603	1604
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	27	68	173	421	835	1431	2159	2849	3351	3638	3759	3797

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