

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 1157 ft. Lat: 37.2822° N Lon: 82.0886° W
Station: GRUNDY, VA US USC00443640

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	42.9	24.4	33.7	4.2	4.3	4.0	1.1	0.4	0.1	0.0	0.0	0.0	662.8	724.1	816.8	971.7	0.0	0.0	11.4	4.7	24.2	0.5
02	47.1	26.6	36.9	4.6	4.0	4.1	3.5	1.9	0.5	0.0	0.0	0.0	511.7	566.1	648.7	788.2	0.0	0.0	13.9	2.9	21.2	0.4
03	55.8	31.8	43.8	4.9	3.2	3.9	17.4	10.5	4.0	0.3	0.0	0.0	364.6	419.6	506.2	657.5	0.0	0.0	22.7	0.8	17.1	0.0
04	67.1	40.1	53.6	3.4	2.4	2.6	87.4	61.8	32.8	7.2	0.3	0.1	129.5	163.8	224.8	349.2	0.0	0.3	27.9	0.0	6.5	0.0
05	73.8	50.1	62.0	3.3	3.8	3.3	237.1	188.7	125.9	47.4	8.8	3.5	21.7	35.3	65.4	142.0	0.0	0.7	31.0	0.0	0.2	0.0
06	79.8	58.8	69.3	2.3	1.9	1.8	429.2	370.0	283.1	148.6	50.6	27.0	0.3	1.0	4.1	19.6	0.0	3.4	30.0	0.0	0.0	0.0
07	82.6	63.3	72.9	2.3	2.1	1.9	556.4	494.4	401.5	248.3	110.4	65.8	0.0	0.0	0.0	1.9	0.0	6.2	31.0	0.0	0.0	0.0
08	81.6	62.5	72.1	2.6	2.0	1.9	528.5	466.5	373.6	221.3	89.4	51.1	0.0	0.0	0.1	2.8	0.0	5.1	31.0	0.0	0.0	0.0
09	77.1	56.1	66.6	3.4	2.4	2.1	352.0	295.4	215.1	102.1	30.8	15.3	4.0	7.5	17.2	54.2	0.1	2.3	30.0	0.0	0.0	0.0
10	67.4	43.6	55.5	2.7	3.0	2.2	111.7	81.2	45.9	13.0	2.2	1.0	96.2	127.7	185.4	307.5	0.0	0.1	29.9	0.0	3.6	0.0
11	56.2	32.5	44.3	5.0	2.9	3.6	15.6	9.3	3.4	0.2	0.0	0.0	335.0	388.7	472.9	619.6	0.0	0.0	22.9	0.3	16.8	0.0
12	46.0	27.9	36.9	4.8	3.6	4.1	2.6	1.3	0.3	0.0	0.0	0.0	562.1	622.8	714.8	869.5	0.0	0.0	13.8	2.4	22.4	0.0
Summary	64.8	43.1	54.0	3.6	3.0	3.0	2342	1981	1486	788	292	164	2688	3057	3656	4784	0.1	18.1	295.5	11.1	112.0	0.9

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	3.31	13.1	7.8	2.0	0.5	2.25	3.23	4.59	
02	3.28	11.9	7.1	2.0	0.6	1.84	2.62	3.76	
03	4.03	13.1	8.4	2.6	0.8	3.08	3.53	5.31	
04	4.30	12.8	8.5	2.9	0.9	2.94	4.27	5.46	
05	4.81	14.1	9.5	2.9	1.5	3.08	4.32	6.57	
06	4.76	13.9	9.3	3.3	1.2	3.14	4.90	6.25	
07	5.69	13.2	8.9	3.8	1.7	4.30	5.69	6.72	
08	4.19	11.3	7.9	2.9	1.0	2.76	4.30	5.44	
09	3.16	9.3	6.0	2.1	0.7	1.97	2.68	4.25	
10	3.02	9.9	6.2	1.9	0.6	1.79	3.17	3.87	
11	2.61	9.6	6.1	1.7	0.3	1.87	2.39	3.54	
12	3.70	13.1	8.2	2.4	0.6	2.55	3.60	4.52	
Summary	46.86	145.3	93.9	30.5	10.4	31.57	44.70	60.28	

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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

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	6.20	5.0	1.9	0.5	0.2	0.0	5.6	1.7	0.7	0.1	2.90	5.30	9.00
02	4.20	3.8	1.8	0.2	0.1	0.0	3.9	1.1	0.7	0.2	1.50	2.60	6.00
03	2.60	2.3	0.8	0.2	0.1	0.0	1.8	0.5	0.2	0.1	0.50	1.20	3.00
04	0.20	0.2	0.1	0.0	0.0	0.0	0.1	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	0.40	0.6	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.20
12	2.40	3.0	0.9	0.3	0.1	0.0	3.1	1.0	0.3	0.0	0.30	0.60	3.70
Summary	16.0	14.9	5.6	1.2	0.5	0.0	14.7	4.3	1.9	0.4	5.2	9.7	21.9

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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	52.9	72.2	190.2	417.0	680.5	878.9	1021.3	993.5	797.9	484.0	185.0	75.5
45	21.5	31.7	104.5	285.5	526.0	728.9	866.3	838.5	647.9	340.0	99.8	33.6
50	6.8	12.0	48.1	173.2	375.4	579.0	711.4	683.5	498.6	212.0	44.8	11.8
55	1.1	3.5	17.4	87.4	237.1	429.2	556.4	528.5	352.0	111.7	15.6	2.6
60	0.1	0.5	4.0	32.8	125.9	283.1	401.5	373.6	215.1	45.9	3.4	0.3
Growing Degree Units for Corn (Monthly)												
50/86	32.4	51.0	131.9	264.4	416.2	571.9	694.8	669.2	503.9	289.1	123.1	42.5

Growing Degree Units (Accumulated Monthly)												
40	53	125	315	732	1413	2292	3313	4306	5104	5588	5773	5849
45	22	53	158	443	969	1698	2564	3403	4051	4391	4491	4524
50	7	19	67	240	616	1194	1906	2589	3088	3300	3345	3357
55	1	5	22	109	346	776	1332	1861	2213	2324	2340	2342
60	0	1	5	37	163	446	848	1222	1437	1482	1486	1486
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	83	215	480	896	1468	2163	2832	3336	3625	3748	3790

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