

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 20 ft. Lat: 35.8722° N Lon: 76.6592° W
Station: **PLYMOUTH 5 E, NC US USC00316853**

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	53.9	33.6	43.8	3.6	3.7	3.5	19.2	11.8	4.6	0.7	0.1	0.0	367.8	422.4	508.2	659.3	0.0	0.0	20.1	0.6	15.0	0.1
02	57.4	35.2	46.3	4.7	3.6	4.0	27.1	18.3	9.3	2.3	0.2	0.0	270.7	317.8	392.9	525.8	0.0	0.0	20.9	0.2	11.6	0.0
03	64.2	40.8	52.5	3.8	3.4	3.5	84.6	61.8	35.3	10.7	1.5	0.4	162.0	201.2	267.7	398.1	0.0	0.0	28.2	0.1	6.6	0.0
04	73.8	49.4	61.6	2.3	2.2	2.1	231.3	187.4	129.9	58.2	16.9	8.4	33.3	49.4	81.9	160.2	0.0	0.4	29.9	0.0	0.8	0.0
05	80.2	58.1	69.1	2.6	3.0	2.7	439.7	379.7	294.1	169.0	74.4	47.2	1.0	3.1	10.5	40.4	0.0	3.2	31.0	0.0	0.0	0.0
06	86.5	66.4	76.5	2.4	2.0	2.1	643.4	583.4	493.7	346.0	206.0	155.4	0.0	0.0	0.2	2.5	0.1	9.9	30.0	0.0	0.0	0.0
07	89.3	70.4	79.8	1.9	1.5	1.6	770.3	708.2	615.2	460.3	305.4	244.2	0.0	0.0	0.0	0.0	0.2	15.9	31.0	0.0	0.0	0.0
08	87.6	69.0	78.3	1.8	1.9	1.6	722.3	660.2	567.2	412.3	258.2	198.4	0.0	0.0	0.0	0.0	0.1	11.0	31.0	0.0	0.0	0.0
09	82.7	64.0	73.3	2.0	2.5	2.0	550.5	490.6	401.4	257.6	130.5	88.4	0.0	0.2	1.0	7.2	0.0	3.2	30.0	0.0	0.0	0.0
10	74.5	52.6	63.5	2.0	2.9	2.1	282.9	231.1	161.8	73.7	23.0	12.7	17.8	28.0	51.8	118.6	0.0	0.4	30.9	0.0	0.3	0.0
11	64.3	42.3	53.3	3.7	3.1	3.2	83.9	61.0	34.9	9.7	1.6	0.7	134.9	171.9	235.7	360.6	0.0	0.0	28.4	0.0	5.7	0.0
12	56.7	36.7	46.7	4.8	4.4	4.5	33.8	23.0	11.8	2.8	0.4	0.2	291.0	342.3	424.1	570.0	0.0	0.0	23.1	0.0	12.0	0.0
Summary	72.6	51.5	62.1	3.0	2.9	2.7	3889	3416	2759	1803	1018	756	1278	1536	1974	2843	0.4	44.0	334.5	0.9	52.0	0.1

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	3.95	12.4	7.4	2.9	0.9	2.64	3.60	5.25	
02	3.40	10.9	6.8	2.3	0.7	2.33	2.95	4.09	
03	4.16	11.4	7.3	2.9	0.8	2.91	4.18	5.00	
04	3.74	10.4	6.8	2.9	0.8	2.50	3.76	5.24	
05	4.14	11.3	7.2	2.7	1.2	2.83	4.01	5.18	
06	5.42	11.1	7.4	3.7	1.6	3.03	5.41	7.19	
07	5.70	12.7	8.5	3.8	1.8	4.08	5.41	6.76	
08	6.60	12.9	8.7	4.4	2.2	4.32	6.11	8.16	
09	6.13	11.2	6.9	3.3	1.8	3.22	5.07	8.35	
10	4.14	9.9	5.1	2.1	1.2	2.29	3.67	5.59	
11	3.57	10.2	5.7	2.2	0.8	2.01	3.27	4.68	
12	3.64	11.5	6.5	2.4	0.9	2.09	3.30	4.79	
Summary	54.59	135.9	84.3	35.6	14.7	34.25	50.74	70.28	

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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	1.00	0.3	0.2	0.1	0.0	0.0	0.8	0.3	0.0	0.0	0.00	0.00	0.00
02	0.30	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
03	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
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	0.10	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
Summary	1.4	0.6	0.4	0.1	0.0	0.0	1.2	0.5	0.1	0.0	0.0	0.0	0.0

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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	189.5	213.7	396.9	648.2	903.7	1093.4	1235.2	1187.2	1000.4	730.0	404.4	244.1
45	105.3	125.0	266.8	500.1	748.7	943.4	1080.2	1032.2	850.4	575.4	271.7	143.0
50	50.2	64.0	161.9	357.5	593.7	793.4	925.2	877.2	700.4	424.6	162.7	75.6
55	19.2	27.1	84.6	231.3	439.7	643.4	770.3	722.3	550.5	282.9	83.9	33.8
60	4.6	9.3	35.3	129.9	294.1	493.7	615.2	567.2	401.4	161.8	34.9	11.8
Growing Degree Units for Corn (Monthly)												
50/86	108.5	132.2	242.8	407.8	592.2	754.9	864.9	835.3	690.1	461.8	239.7	137.1

Growing Degree Units (Accumulated Monthly)												
40	190	403	800	1448	2352	3445	4681	5868	6868	7598	8003	8247
45	105	230	497	997	1746	2689	3770	4802	5652	6227	6499	6642
50	50	114	276	634	1227	2021	2946	3823	4524	4948	5111	5186
55	19	46	131	362	802	1445	2216	2938	3488	3771	3855	3889
60	5	14	49	179	473	967	1582	2149	2551	2713	2747	2759
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	108	241	484	891	1484	2238	3103	3939	4629	5091	5330	5467

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