

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 635 ft. Lat: 36.3772° N Lon: 79.2550° W
Station: YANCEYVILLE 4 SE, NC US USC00319704

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	48.6	28.9	38.8	3.5	4.0	3.6	6.1	3.5	1.2	0.3	0.0	0.0	509.6	568.9	659.7	813.8	0.0	0.0	15.9	2.3	20.8	0.0
02	52.4	31.2	41.8	4.9	2.9	3.7	6.1	3.5	1.4	0.1	0.0	0.0	375.6	429.0	510.9	649.7	0.0	0.0	17.1	0.6	18.7	0.0
03	60.4	37.6	49.0	3.9	4.0	3.8	55.9	41.0	23.5	6.5	0.6	0.1	241.8	288.9	364.5	502.4	0.0	0.0	25.6	0.0	10.4	0.0
04	70.5	46.8	58.6	2.2	2.2	2.1	174.9	136.9	90.2	38.3	10.9	5.2	65.4	87.4	130.6	228.7	0.0	0.4	28.7	0.0	1.2	0.0
05	78.1	55.6	66.9	2.6	3.7	2.9	371.7	314.2	234.5	125.8	49.9	29.5	4.3	8.8	22.1	68.5	0.0	1.7	31.0	0.0	0.0	0.0
06	86.3	63.8	75.0	2.5	2.1	2.1	601.5	541.8	452.9	308.2	174.6	127.6	0.1	0.5	1.5	6.8	0.1	9.5	30.0	0.0	0.0	0.0
07	89.8	68.1	78.9	2.7	1.9	2.1	742.3	680.3	587.3	432.6	279.9	220.8	0.0	0.0	0.0	0.3	0.7	15.2	31.0	0.0	0.0	0.0
08	87.0	66.7	76.9	2.5	2.1	2.1	677.2	615.2	522.3	368.2	219.9	165.0	0.0	0.0	0.0	1.0	0.5	13.3	31.0	0.0	0.0	0.0
09	81.3	60.1	70.7	3.6	2.4	2.7	471.8	413.3	327.6	196.1	90.0	58.7	1.0	2.5	6.8	25.3	0.0	3.7	30.0	0.0	0.0	0.0
10	70.7	48.3	59.5	2.3	2.5	2.0	184.5	143.4	91.5	34.3	9.0	4.7	44.9	65.8	107.0	204.7	0.0	0.3	30.6	0.0	2.0	0.0
11	60.9	37.7	49.3	3.6	3.1	3.2	43.5	29.2	14.1	2.9	0.7	0.4	214.4	260.1	335.1	473.8	0.0	0.0	27.2	0.0	10.1	0.0
12	51.4	31.9	41.6	4.4	4.2	4.2	11.2	6.7	2.4	0.0	0.0	0.0	424.9	482.4	571.2	723.8	0.0	0.0	18.1	0.9	19.6	0.0
Summary	69.8	48.1	58.9	3.2	2.9	2.9	3347	2929	2349	1513	836	612	1882	2194	2709	3699	1.3	44.1	316.2	3.8	82.8	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	3.67	10.5	6.7	2.6	0.9	2.39	3.95	4.61	
02	3.02	9.8	6.6	2.1	0.5	1.95	2.96	3.39	
03	4.38	10.3	6.9	3.0	0.9	2.86	4.08	5.66	
04	4.31	10.8	7.2	3.1	1.1	2.91	3.77	5.63	
05	4.02	11.1	7.0	2.8	1.1	2.67	3.82	4.45	
06	4.22	11.2	7.4	2.9	1.0	2.52	3.28	5.48	
07	4.21	11.3	7.1	3.0	1.0	3.36	3.94	4.63	
08	4.25	10.4	6.4	2.7	1.3	2.21	3.62	6.39	
09	5.08	9.4	6.3	3.3	1.7	2.30	4.81	7.25	
10	3.57	8.3	5.5	2.0	0.8	2.23	3.05	4.92	
11	3.57	8.1	5.3	2.5	1.2	1.56	2.93	5.23	
12	3.81	10.7	6.8	3.0	1.2	2.26	3.56	4.97	
Summary	48.11	121.9	79.2	33.0	12.7	29.22	43.77	62.61	

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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	4.20	2.0	1.1	0.4	0.2	0.0	2.7	1.5	0.9	0.1	0.20	2.80	7.20
02	1.70	1.3	0.7	0.2	0.1	0.0	1.8	0.6	0.3	0.0	0.00	0.50	2.30
03	1.00	0.4	0.4	0.1	0.0	0.0	0.5	0.1	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	1.90	0.6	0.5	0.2	0.1	0.0	1.2	0.5	0.3	0.0	0.00	0.10	1.80
Summary	8.8	4.3	2.7	0.9	0.4	0.0	6.2	2.7	1.5	0.1	0.2	3.4	11.3

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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	105.8	120.3	302.7	560.9	832.4	1051.2	1207.1	1142.2	920.7	604.7	295.2	138.8
45	49.9	57.7	189.4	417.0	677.4	901.2	1052.1	987.2	770.7	451.8	179.7	68.8
50	19.6	21.9	108.6	286.0	522.9	751.4	897.3	832.3	621.0	308.4	96.3	29.7
55	6.1	6.1	55.9	174.9	371.7	601.5	742.3	677.2	471.8	184.5	43.5	11.2
60	1.2	1.4	23.5	90.2	234.5	452.9	587.3	522.3	327.6	91.5	14.1	2.4
Growing Degree Units for Corn (Monthly)												
50/86	62.2	78.3	186.9	344.2	532.1	708.5	824.4	788.5	612.0	363.9	181.6	79.1

Growing Degree Units (Accumulated Monthly)												
40	106	226	529	1090	1922	2973	4180	5323	6243	6848	7143	7282
45	50	108	297	714	1391	2293	3345	4332	5103	5554	5734	5803
50	20	42	150	436	959	1710	2608	3440	4061	4369	4466	4495
55	6	12	68	243	615	1216	1958	2636	3108	3292	3336	3347
60	1	3	26	116	351	804	1391	1913	2241	2332	2346	2349
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	62	140	327	672	1204	1912	2737	3525	4137	4501	4683	4762

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