

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 2125 ft. Lat: 35.1803° N Lon: 83.3931° W

Station: FRANKLIN, NC US USC00313228

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	48.3	26.1	37.2	3.5	4.0	3.6	1.8	0.9	0.2	0.0	0.0	0.0	553.5	614.6	706.9	861.7	0.0	0.0	15.3	2.1	23.2	0.3
02	52.6	28.8	40.7	4.2	3.8	3.7	4.8	2.6	1.0	0.1	0.0	0.0	405.2	459.0	541.4	680.5	0.0	0.0	18.8	0.7	20.0	0.1
03	60.1	35.1	47.6	4.2	3.5	3.7	25.2	14.9	5.7	0.4	0.0	0.0	254.6	306.3	390.1	539.8	0.0	0.0	26.3	0.2	14.4	0.0
04	69.0	41.8	55.4	2.7	2.8	2.5	101.7	72.2	38.2	7.7	0.4	0.1	89.7	120.2	176.1	295.7	0.0	0.0	29.3	0.0	5.8	0.0
05	75.6	50.9	63.3	2.5	3.3	2.6	270.3	217.9	146.4	54.5	8.2	2.4	14.6	24.1	45.7	108.7	0.0	0.1	30.9	0.0	0.3	0.0
06	81.5	59.6	70.5	2.4	1.6	1.6	466.5	406.8	318.2	177.3	62.5	32.1	0.1	0.4	1.8	10.9	0.0	0.7	30.0	0.0	0.0	0.0
07	84.3	63.7	74.0	2.3	1.6	1.7	588.9	526.9	433.9	279.5	131.9	80.2	0.0	0.0	0.0	0.5	0.0	3.1	31.0	0.0	0.0	0.0
08	83.3	62.9	73.1	2.3	2.1	1.7	561.0	499.0	406.0	251.9	108.2	61.7	0.0	0.0	0.0	0.8	0.0	1.8	31.0	0.0	0.0	0.0
09	78.5	56.7	67.6	3.0	2.6	2.2	380.2	322.2	238.7	116.4	31.7	13.4	2.2	4.3	10.8	38.5	0.0	0.4	30.0	0.0	0.0	0.0
10	69.8	44.4	57.1	2.3	3.1	2.3	133.1	96.4	53.6	14.7	2.4	1.0	68.0	93.3	143.5	259.6	0.0	0.0	30.5	0.0	4.8	0.0
11	59.9	33.1	46.5	3.7	3.0	3.0	18.4	11.4	5.1	0.7	0.0	0.0	273.3	326.3	410.0	555.6	0.0	0.0	26.1	0.1	17.2	0.0
12	51.2	28.9	40.0	4.5	4.2	4.1	4.4	2.2	0.8	0.0	0.0	0.0	467.8	527.6	619.2	773.5	0.0	0.0	18.3	0.9	22.1	0.0
Summary	67.8	44.3	56.1	3.1	3.0	2.7	2556	2173	1648	903	345	191	2129	2476	3046	4126	0.0	6.1	317.5	4.0	107.8	0.4

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	5.34	10.2	7.9	3.7	1.8	3.62	5.13	6.06
02	4.44	9.9	7.3	3.3	1.5	2.91	4.33	5.31
03	4.91	11.9	9.1	4.1	1.1	3.91	4.78	5.68
04	4.97	10.3	7.8	3.5	1.9	2.98	5.22	6.56
05	4.46	10.6	8.4	3.2	1.0	3.02	4.06	5.44
06	5.00	13.5	10.2	3.7	1.2	3.31	5.19	6.44
07	4.09	11.8	9.1	2.9	0.9	2.71	3.84	5.07
08	4.69	10.4	7.8	3.2	1.3	2.95	4.42	6.12
09	4.33	8.6	6.3	2.7	0.9	2.58	3.88	5.45
10	3.76	6.8	4.6	2.2	1.2	1.89	3.41	5.31
11	4.32	7.9	5.9	2.8	1.6	2.84	4.10	5.40
12	5.19	9.9	8.1	3.8	2.3	3.44	4.73	6.14
Summary	55.50	121.8	92.5	39.1	16.7	36.16	53.09	68.98

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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	0.5	0.4	0.1	0.1	0.0	0.2	0.2	0.1	0.0	0.00	0.00	0.50
02	0.70	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.30
03	0.20	0.1	0.1	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	0.70	0.7	0.4	0.2	0.1	0.0	0.5	0.2	0.2	0.0	0.00	0.00	0.00
Summary	2.6	1.6	1.1	0.3	0.2	0.0	0.8	0.4	0.3	0.0	0.0	0.0	0.8

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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	79.3	105.2	264.5	464.9	720.7	916.4	1053.9	1026.0	827.9	531.9	224.9	110.9
45	33.0	45.9	152.8	323.6	565.9	766.4	898.9	871.0	677.9	383.7	121.6	49.2
50	10.0	16.7	72.0	197.9	413.6	616.4	743.9	716.0	528.3	246.8	53.9	17.2
55	1.8	4.8	25.2	101.7	270.3	466.5	588.9	561.0	380.2	133.1	18.4	4.4
60	0.2	1.0	5.7	38.2	146.4	318.2	433.9	406.0	238.7	53.6	5.1	0.8
Growing Degree Units for Corn (Monthly)												
50/86	49.6	78.5	174.3	299.9	457.6	613.6	729.8	706.2	540.7	337.3	164.5	71.3

Growing Degree Units (Accumulated Monthly)												
40	79	184	449	914	1635	2551	3605	4631	5459	5991	6216	6326
45	33	79	232	555	1121	1888	2786	3658	4335	4719	4841	4890
50	10	27	99	297	710	1327	2070	2786	3315	3562	3616	3633
55	2	7	32	134	404	870	1459	2020	2400	2533	2552	2556
60	0	1	7	45	192	510	944	1350	1588	1642	1647	1648
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	50	128	302	602	1060	1674	2403	3110	3650	3988	4152	4223

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