

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 60 ft. Lat: 35.2975° N Lon: 77.5722° W
Station: KINSTON AG RSCH, NC US USC00314689

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	56.1	35.3	45.7	3.5	3.7	3.4	29.7	20.0	10.0	2.0	0.1	0.0	317.8	370.1	453.1	600.1	0.0	0.0	22.8	0.8	13.5	0.0
02	60.0	36.8	48.4	4.9	3.7	4.2	37.6	26.2	14.5	4.0	0.4	0.0	222.3	267.0	339.2	468.8	0.0	0.0	23.4	0.0	9.6	0.0
03	66.7	42.4	54.5	3.7	3.3	3.4	113.1	85.1	52.1	17.5	2.8	1.0	126.9	161.0	220.9	341.4	0.0	0.0	29.4	0.0	5.9	0.0
04	75.4	51.3	63.4	2.4	2.0	2.1	273.7	226.2	162.5	78.1	24.8	13.2	23.2	35.8	62.1	127.7	0.0	0.5	29.9	0.0	0.5	0.0
05	82.0	59.5	70.7	2.6	3.1	2.7	488.9	428.1	339.8	205.5	98.6	65.6	0.7	1.8	6.6	27.2	0.1	4.7	31.0	0.0	0.0	0.0
06	87.9	67.6	77.7	2.6	2.1	2.2	682.4	622.4	532.7	384.2	241.7	188.3	0.0	0.0	0.2	1.8	0.3	14.0	30.0	0.0	0.0	0.0
07	90.6	71.4	81.0	1.9	1.7	1.7	805.9	743.9	650.9	496.0	341.4	280.0	0.0	0.0	0.0	0.1	0.8	21.1	31.0	0.0	0.0	0.0
08	88.8	69.6	79.2	1.9	1.7	1.6	750.1	688.1	595.1	440.2	286.1	226.0	0.0	0.0	0.0	0.1	0.2	15.6	31.0	0.0	0.0	0.0
09	83.8	64.2	74.0	2.5	2.3	2.2	569.9	510.0	420.8	276.3	147.2	103.3	0.0	0.1	0.9	6.4	0.0	5.7	30.0	0.0	0.0	0.0
10	76.0	53.1	64.6	2.3	2.7	2.3	309.6	256.3	183.8	86.8	29.6	16.5	13.6	22.2	42.8	100.8	0.0	0.5	31.0	0.0	0.2	0.0
11	66.7	43.8	55.2	3.3	3.2	3.1	113.9	85.6	52.6	18.0	3.6	1.6	106.3	138.1	195.1	310.4	0.0	0.0	29.0	0.0	4.5	0.0
12	58.9	38.0	48.5	4.6	4.2	4.3	50.0	36.3	20.9	5.2	0.6	0.1	253.0	301.3	378.9	518.2	0.0	0.0	25.0	0.0	11.0	0.0
Summary	74.4	52.7	63.6	3.0	2.8	2.8	4225	3728	3036	2014	1177	896	1064	1297	1700	2503	1.4	62.1	343.5	0.8	45.2	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	3.74	8.3	6.4	2.5	1.1	2.60	3.43	5.05
02	3.20	7.7	5.9	2.3	0.8	1.83	2.62	4.33
03	3.84	8.2	6.3	2.4	1.2	2.70	4.06	4.76
04	3.53	7.4	5.4	2.4	1.0	2.66	3.70	4.63
05	3.92	8.1	6.5	2.6	1.0	2.66	3.48	4.13
06	5.53	9.3	7.2	3.7	2.1	3.88	5.09	6.37
07	5.79	11.0	8.6	4.1	1.6	4.27	5.07	7.05
08	6.36	10.1	7.7	3.4	1.7	3.75	5.51	6.69
09	6.64	8.1	6.1	3.3	2.0	3.51	5.37	7.58
10	3.56	6.3	4.3	1.8	1.0	1.84	2.80	5.08
11	3.46	7.2	4.9	2.3	0.9	1.55	2.90	4.11
12	3.29	8.1	5.8	2.5	1.0	2.20	3.25	4.02
Summary	52.86	99.8	75.1	33.3	15.4	33.45	47.28	63.80

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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	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
02	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.30	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.00
Summary	0.7	0.1	0.1	0.0	0.0	0.0	0.3	0.2	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	233.6	259.1	457.2	700.5	953.3	1132.5	1270.9	1215.2	1019.9	761.1	461.2	287.0
45	137.5	157.9	318.3	551.4	798.3	982.4	1115.8	1060.1	869.9	606.3	323.6	177.2
50	70.1	84.3	203.2	406.8	643.3	832.4	960.9	905.1	719.9	454.2	204.8	100.2
55	29.7	37.6	113.1	273.7	488.9	682.4	805.9	750.1	569.9	309.6	113.9	50.0
60	10.0	14.5	52.1	162.5	339.8	532.7	650.9	595.1	420.8	183.8	52.6	20.9
Growing Degree Units for Corn (Monthly)												
50/86	135.7	162.4	284.2	447.6	637.2	782.0	883.8	850.4	702.5	486.2	281.5	166.0

Growing Degree Units (Accumulated Monthly)												
40	234	493	950	1650	2604	3736	5007	6222	7242	8003	8464	8752
45	138	295	614	1165	1963	2946	4062	5122	5992	6598	6921	7099
50	70	154	358	764	1408	2240	3201	4106	4826	5280	5485	5585
55	30	67	180	454	943	1625	2431	3181	3751	4061	4175	4225
60	10	24	77	239	579	1112	1762	2358	2778	2962	3015	3036
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	136	298	582	1030	1667	2449	3333	4183	4886	5372	5654	5820

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