

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1928 ft. Lat: 35.2028° N Lon: 85.9172° W
Station: SEWANEE, TN US USC00408184

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	45.4	29.0	37.2	4.3	4.7	4.4	4.6	2.1	0.4	0.0	0.0	0.0	556.1	615.6	707.0	861.7	0.0	0.0	12.3	5.1	19.7	0.2
02	49.3	31.9	40.6	4.6	4.4	4.4	8.9	5.1	2.1	0.1	0.0	0.0	411.9	464.1	545.1	683.3	0.0	0.0	14.5	2.5	15.6	0.1
03	58.2	39.8	49.0	4.5	3.9	4.1	51.4	35.3	18.3	3.5	0.3	0.0	237.5	283.3	359.3	499.5	0.0	0.0	24.4	0.5	8.5	0.0
04	67.4	47.8	57.6	3.0	3.2	3.0	152.4	115.7	70.2	20.3	1.8	0.4	74.4	97.8	142.2	242.3	0.0	0.0	28.7	0.0	1.5	0.0
05	74.3	55.8	65.1	2.8	3.4	2.9	322.7	267.8	192.3	87.3	20.8	8.1	11.2	18.3	35.8	85.8	0.0	0.0	31.0	0.0	0.0	0.0
06	80.9	62.9	71.9	3.5	2.0	2.5	506.9	447.0	357.7	212.8	87.3	50.6	0.0	0.1	0.8	5.8	0.0	1.6	30.0	0.0	0.0	0.0
07	84.1	66.2	75.2	2.3	2.1	1.9	624.5	562.5	469.5	314.6	163.6	108.7	0.0	0.0	0.0	0.0	0.0	2.4	31.0	0.0	0.0	0.0
08	83.7	65.5	74.6	2.9	2.2	2.4	607.4	545.4	452.5	298.4	152.5	101.4	0.0	0.0	0.1	0.8	0.0	3.5	31.0	0.0	0.0	0.0
09	78.1	60.0	69.1	3.4	2.6	2.7	423.5	365.5	281.1	153.1	57.8	32.6	2.2	4.2	9.7	31.7	0.0	1.0	30.0	0.0	0.0	0.0
10	68.4	49.6	59.0	2.8	2.3	2.3	178.3	136.9	85.1	26.4	5.0	2.3	54.2	74.8	116.1	212.3	0.0	0.2	30.2	0.0	1.0	0.0
11	57.6	40.2	48.9	4.2	3.7	3.8	36.3	22.7	10.0	1.9	0.1	0.0	219.2	265.7	342.9	484.8	0.0	0.0	24.8	0.4	6.2	0.0
12	48.2	33.0	40.6	4.4	4.5	4.4	11.1	6.4	2.0	0.1	0.0	0.0	457.3	514.6	603.2	756.4	0.0	0.0	14.2	2.2	15.7	0.0
Summary	66.3	48.5	57.4	3.6	3.3	3.2	2928	2512	1941	1118	489	304	2024	2338	2862	3864	0.0	8.7	302.1	10.7	68.2	0.3

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	5.50	10.9	8.1	3.3	1.8	3.38	5.28	7.03	
02	5.20	12.6	9.3	3.6	1.6	2.81	3.80	6.77	
03	5.38	10.1	7.9	3.7	1.8	3.21	5.52	6.37	
04	6.41	10.4	7.9	4.2	2.1	4.27	5.68	8.68	
05	4.91	12.1	9.2	3.7	1.5	3.12	4.50	5.96	
06	5.80	12.3	8.6	4.3	1.9	4.85	5.69	6.61	
07	5.59	12.7	9.5	4.1	1.9	3.80	5.22	6.99	
08	4.72	11.0	7.7	3.1	1.4	3.73	4.73	5.76	
09	5.09	7.8	5.3	3.0	1.6	2.60	5.40	7.08	
10	4.21	9.0	6.6	2.9	1.2	2.22	4.22	6.07	
11	4.86	8.8	7.0	3.4	1.6	3.40	4.81	6.43	
12	6.37	10.9	8.7	4.7	2.7	4.57	5.97	6.99	
Summary	64.04	128.6	95.8	44.0	21.1	41.96	60.82	80.74	

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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	102.7	127.9	312.5	531.9	776.5	956.9	1089.5	1072.4	871.3	590.3	295.3	139.4
45	50.1	65.5	199.4	390.5	621.9	806.9	934.5	917.5	721.4	440.7	180.2	74.8
50	19.3	28.0	111.7	261.1	468.6	656.9	779.5	762.5	571.7	300.1	90.5	33.6
55	4.6	8.9	51.4	152.4	322.7	506.9	624.5	607.4	423.5	178.3	36.3	11.1
60	0.4	2.1	18.3	70.2	192.3	357.7	469.5	452.5	281.1	85.1	10.0	2.0
Growing Degree Units for Corn (Monthly)												
50/86	43.2	62.7	164.0	305.0	484.6	651.2	766.1	747.5	572.1	339.2	148.1	58.2

Growing Degree Units (Accumulated Monthly)												
40	103	231	543	1075	1852	2808	3898	4970	5842	6432	6727	6867
45	50	116	315	706	1327	2134	3069	3986	4708	5148	5329	5403
50	19	47	159	420	889	1546	2325	3088	3659	3959	4050	4084
55	5	14	65	217	540	1047	1671	2279	2702	2881	2917	2928
60	0	2	21	91	283	641	1110	1563	1844	1929	1939	1941
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	43	106	270	575	1060	1711	2477	3224	3796	4136	4284	4342

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

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