

Summary of Monthly Normals
1981-2010

Generated on 06/03/2024

Current Location: Elev: 870 ft. Lat: 35.2436° N Lon: 87.3508° W
Station: LAWRENCEBURG FILTER PLANT, TN US USC00405089

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	47.7	26.4	37.0	4.5	4.8	4.4	5	3	1	-7777	0	0	562	621	712	866	0.0	0.0	13.9	3.1	22.2	0.3
02	52.6	29.3	41.0	4.0	3.5	3.4	9	5	2	-7777	0	0	402	454	535	673	0.0	0.0	16.8	1.2	18.0	0.1
03	61.7	37.1	49.4	3.5	3.0	2.9	53	36	18	4	-7777	-7777	226	272	347	487	0.0	0.0	26.1	0.1	10.8	0.0
04	70.6	45.7	58.1	3.4	3.0	3.0	160	123	77	25	4	1	66	89	132	230	0.0	0.0	29.2	0.0	2.4	0.0
05	77.7	54.6	66.1	2.7	3.3	2.7	350	293	214	104	31	14	5	10	23	69	0.0	0.3	31.0	0.0	0.0	0.0
06	84.6	62.7	73.6	2.9	2.2	2.0	559	500	410	264	133	89	-7777	-7777	-7777	5	0.0	4.6	30.0	0.0	0.0	0.0
07	87.7	66.4	77.0	2.2	1.6	1.7	683	622	528	374	221	163	0	0	0	-7777	0.0	9.7	31.0	0.0	0.0	0.0
08	87.7	65.3	76.5	3.3	2.2	2.5	666	604	511	357	209	154	0	0	-7777	1	0.4	10.2	31.0	0.0	0.0	0.0
09	82.0	57.5	69.7	2.9	2.5	2.3	445	387	302	175	76	47	2	4	10	32	0.0	2.9	30.0	0.0	0.0	0.0
10	71.7	46.4	59.0	2.9	4.1	3.0	181	141	90	32	6	3	55	77	120	216	0.0	-7777	30.6	0.0	2.5	0.0
11	60.9	37.3	49.1	3.6	3.3	3.1	45	30	15	3	-7777	-7777	222	267	342	480	0.0	0.0	24.9	0.0	10.4	0.0
12	50.1	29.7	39.9	4.9	4.8	4.8	12	8	4	1	0	0	480	538	627	779	0.0	0.0	15.9	1.6	19.5	0.1
Summary	69.6	46.5	58.0	3.4	3.2	3.0	3168	2752	2172	1339	680	471	2020	2332	2848	3838	0.4	27.7	310.4	6.0	85.8	0.5

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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	5.33	8.4	6.8	3.4	1.7	3.02	4.38	7.06	
02	5.23	8.4	6.9	3.5	1.6	3.33	4.69	6.74	
03	5.37	9.5	7.7	4.1	1.7	3.96	5.52	6.22	
04	4.89	9.1	7.7	3.1	1.7	3.34	4.65	5.68	
05	6.08	9.5	7.6	3.7	2.0	3.63	5.10	8.97	
06	4.34	9.2	7.1	3.2	1.4	2.70	3.80	5.75	
07	5.19	8.7	7.5	3.4	1.4	3.14	4.76	6.17	
08	3.83	7.0	5.9	2.6	1.2	2.46	3.71	4.61	
09	4.32	6.5	5.3	2.9	1.4	2.70	4.19	5.77	
10	3.70	6.2	4.9	2.7	1.3	2.43	3.59	4.81	
11	5.37	8.0	6.8	3.7	1.9	3.31	5.27	6.53	
12	6.21	9.4	8.3	4.2	2.0	3.94	5.00	7.57	
Summary	59.86	99.9	82.5	40.5	19.3	37.96	54.66	75.88	

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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	1.4	0.6	0.5	0.2	-7777	-7777	1.0	0.5	0.2	0.1	0.0	0.0	2.5
02	1.6	0.8	0.5	0.2	0.1	0.0	0.7	0.3	-7777	0.0	0.0	0.0	1.8
03	0.3	0.2	0.1	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	-7777	-7777	0.0	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.7	0.5	0.2	0.1	0.0	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.5
Summary	4.0	2.1	1.3	0.5	0.1	0.0	1.9	0.8	0.2	0.1	0.0	0.0	4.8

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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	89	124	316	546	811	1009	1149	1131	892	592	296	128
45	43	64	200	403	656	859	993	976	742	441	186	69
50	17	28	112	272	501	709	838	821	593	301	101	31
55	5	9	53	160	350	559	683	666	445	181	45	12
60	1	2	18	77	214	410	528	511	302	90	15	4
Growing Degree Units for Corn (Monthly)												
50/86	58	87	203	343	523	689	795	774	591	377	186	76

Growing Degree Units (Accumulated Monthly)												
40	89	213	529	1075	1886	2895	4044	5175	6067	6659	6955	7083
45	43	107	307	710	1366	2225	3218	4194	4936	5377	5563	5632
50	17	45	157	429	930	1639	2477	3298	3891	4192	4293	4324
55	5	14	67	227	577	1136	1819	2485	2930	3111	3156	3168
60	1	3	21	98	312	722	1250	1761	2063	2153	2168	2172
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	58	145	348	691	1214	1903	2698	3472	4063	4440	4626	4702

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