

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 542 ft. Lat: 31.8075° N Lon: 85.9722° W

Station: TROY, AL US USC00018323

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	57.4	36.0	46.7	3.7	3.9	3.6	29	19	9	1	-7777	-7777	286	338	421	568	0.0	0.0	24.1	0.1	11.4	0.0
02	61.8	39.4	50.6	3.4	3.3	3.1	51	35	18	4	1	-7777	174	214	281	407	0.0	0.0	24.1	0.1	6.8	0.0
03	69.3	45.0	57.1	3.7	3.1	3.2	146	110	67	21	3	1	80	106	155	264	0.0	0.0	29.9	-7777	2.1	0.0
04	76.3	51.5	63.9	2.4	2.8	2.4	283	232	161	69	17	7	16	25	44	102	0.0	0.0	29.9	0.0	0.2	0.0
05	83.3	60.4	71.9	2.2	2.8	2.1	523	461	370	226	105	68	-7777	1	2	14	0.0	2.7	31.0	0.0	0.0	0.0
06	88.6	68.0	78.3	2.6	1.4	1.7	699	639	549	399	251	194	0	0	-7777	-7777	0.1	12.3	30.0	0.0	0.0	0.0
07	90.4	71.0	80.7	2.4	1.1	1.6	797	735	642	487	332	270	0	0	0	0	0.3	17.6	31.0	0.0	0.0	0.0
08	90.0	70.7	80.4	2.5	1.7	2.0	786	724	631	476	321	260	0	0	0	-7777	0.2	16.6	31.0	0.0	0.0	0.0
09	85.8	65.5	75.7	2.1	2.3	1.8	619	559	470	324	187	138	-7777	-7777	1	4	0.0	6.4	30.0	0.0	0.0	0.0
10	77.4	54.7	66.1	2.3	3.7	2.6	352	296	219	113	41	23	10	16	32	81	0.0	0.3	31.0	0.0	0.1	0.0
11	68.5	45.2	56.8	3.5	3.6	3.3	138	106	65	21	4	2	83	110	160	266	0.0	0.0	29.3	0.0	2.8	0.0
12	59.4	38.5	48.9	4.3	4.3	4.2	50	36	19	4	1	-7777	238	285	361	501	0.0	0.0	25.5	0.2	8.5	0.0
Summary	75.7	53.8	64.8	2.9	2.8	2.6	4473	3952	3220	2145	1263	963	887	1095	1457	2207	0.6	55.9	346.8	0.4	31.9	0.0

-7777: a non-zero value that would round to zero

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	4.59	8.3	5.8	3.3	1.6	3.02	4.28	6.09	
02	4.26	8.0	6.0	3.0	1.4	2.76	4.05	5.91	
03	5.86	7.2	5.9	3.6	2.2	4.20	5.39	6.94	
04	4.01	5.7	4.9	2.5	1.4	2.03	4.34	5.93	
05	3.55	6.4	4.7	2.5	1.2	1.58	3.48	5.22	
06	5.13	8.7	7.3	3.8	1.7	2.94	4.14	6.89	
07	5.35	10.7	8.2	3.6	1.6	2.98	4.90	7.00	
08	4.22	8.0	5.9	3.1	1.4	2.40	3.61	5.98	
09	3.55	6.5	5.0	2.4	1.3	1.79	3.27	4.47	
10	3.04	5.2	4.0	1.7	1.0	0.72	2.56	4.22	
11	4.23	6.9	5.1	3.1	1.5	2.90	3.69	5.81	
12	4.26	7.8	6.0	2.9	1.4	2.60	3.49	6.04	
Summary	52.05	89.4	68.8	35.5	17.7	29.92	47.20	70.50	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	0.0	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	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
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	0.1	-7777	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	245	312	535	717	987	1149	1262	1251	1069	808	507	302
45	140	199	388	568	832	999	1107	1096	919	653	365	187
50	70	110	255	422	677	849	952	941	769	500	239	105
55	29	51	146	283	523	699	797	786	619	352	138	50
60	9	18	67	161	370	549	642	631	470	219	65	19
Growing Degree Units for Corn (Monthly)												
50/86	142	187	330	457	666	795	878	870	740	525	311	175

Growing Degree Units (Accumulated Monthly)												
40	245	557	1092	1809	2796	3945	5207	6458	7527	8335	8842	9144
45	140	339	727	1295	2127	3126	4233	5329	6248	6901	7266	7453
50	70	180	435	857	1534	2383	3335	4276	5045	5545	5784	5889
55	29	80	226	509	1032	1731	2528	3314	3933	4285	4423	4473
60	9	27	94	255	625	1174	1816	2447	2917	3136	3201	3220
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	142	329	659	1116	1782	2577	3455	4325	5065	5590	5901	6076

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