

Summary of Monthly Normals 1981-2010

Generated on 09/16/2024

Current Location: Elev: 343 ft. Lat: 32.6847° N Lon: 83.6527° W

Station: **MACON MIDDLE GA REGIONAL AIRPORT, GA US USW00003813**

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	57.8	34.8	46.3	3.6	3.5	3.3	26	16	7	1	-7777	0	295	348	432	580	0.0	0.0	24.2	0.2	13.6	-7777
02	62.1	38.0	50.0	3.3	2.8	2.8	43	29	14	2	-7777	0	182	224	292	420	0.0	0.0	24.8	-7777	8.0	0.0
03	69.5	44.1	56.8	3.2	2.5	2.6	134	100	59	18	2	1	78	107	159	272	0.0	0.0	30.2	0.0	3.1	0.0
04	76.8	50.1	63.4	2.7	2.9	2.5	268	218	150	63	15	7	15	24	46	110	0.0	0.6	30.0	0.0	0.4	0.0
05	84.6	59.2	71.9	2.2	2.8	2.2	524	463	371	229	109	72	-7777	1	2	15	0.0	5.6	31.0	0.0	0.0	0.0
06	90.3	67.6	78.9	2.7	1.6	1.8	718	658	568	419	271	214	0	0	0	-7777	0.7	17.2	30.0	0.0	0.0	0.0
07	92.6	71.0	81.8	2.5	1.2	1.6	831	769	676	521	366	304	0	0	0	0	1.7	23.0	31.0	0.0	0.0	0.0
08	91.4	70.3	80.9	2.5	1.6	1.8	801	739	646	491	337	275	0	0	0	-7777	1.2	20.2	31.0	0.0	0.0	0.0
09	86.1	63.9	75.0	2.2	2.2	1.6	600	540	451	306	174	128	-7777	-7777	1	6	-7777	8.5	30.0	0.0	0.0	0.0
10	77.4	52.4	64.9	2.3	3.9	2.6	319	265	192	94	33	19	12	20	40	97	0.0	0.6	31.0	0.0	0.5	0.0
11	68.8	43.0	55.9	2.9	3.9	3.0	117	88	54	19	4	2	90	121	177	292	0.0	0.0	29.6	0.0	4.7	0.0
12	59.6	36.4	48.0	4.4	4.5	4.3	42	29	16	3	-7777	-7777	259	308	387	530	0.0	0.0	25.6	0.1	11.9	0.0
Summary	76.4	52.6	64.5	2.9	2.8	2.5	4423	3914	3204	2166	1311	1022	931	1153	1536	2322	3.6	75.7	348.4	0.3	42.2	0.0

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

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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	4.24	10.1	6.7	3.1	1.2	2.58	4.35	5.46	
02	4.36	9.0	6.0	3.0	1.5	3.00	4.35	5.78	
03	4.55	8.9	6.3	3.2	1.4	2.41	4.39	6.10	
04	2.96	7.7	5.1	2.3	0.9	1.56	2.81	4.18	
05	2.72	7.8	4.9	1.6	0.6	1.45	2.40	3.93	
06	4.06	10.3	6.7	2.5	1.1	2.21	4.23	5.49	
07	4.95	11.4	7.6	2.8	1.3	2.19	4.06	6.41	
08	4.10	10.4	6.5	2.7	1.3	2.34	3.37	6.10	
09	3.59	7.3	4.5	1.9	1.0	1.64	2.49	5.41	
10	2.79	6.2	4.0	1.8	0.9	0.95	2.30	4.41	
11	3.32	7.9	4.6	2.2	1.2	1.83	2.87	4.16	
12	4.04	8.8	6.0	2.6	1.3	2.01	3.38	5.52	
Summary	45.68	105.8	68.9	29.7	13.7	24.17	41.00	62.95	

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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	0.4	0.3	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
02	-7777	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	0.2	0.1	0.1	0.0	0.0	0.0	0.1	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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.7	0.7	0.5	0.0	0.0	0.0	0.5	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	234	293	523	703	989	1168	1296	1266	1050	772	478	274
45	131	180	375	554	834	1018	1141	1111	900	617	336	164
50	64	98	241	407	679	868	986	956	750	465	212	89
55	26	43	134	268	524	718	831	801	600	319	117	42
60	7	14	59	150	371	568	676	646	451	192	54	16
Growing Degree Units for Corn (Monthly)												
50/86	145	183	326	451	659	793	880	866	714	505	309	172

Growing Degree Units (Accumulated Monthly)												
40	234	527	1050	1753	2742	3910	5206	6472	7522	8294	8772	9046
45	131	311	686	1240	2074	3092	4233	5344	6244	6861	7197	7361
50	64	162	403	810	1489	2357	3343	4299	5049	5514	5726	5815
55	26	69	203	471	995	1713	2544	3345	3945	4264	4381	4423
60	7	21	80	230	601	1169	1845	2491	2942	3134	3188	3204
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	145	328	654	1105	1764	2557	3437	4303	5017	5522	5831	6003

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

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