

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1493 ft. Lat: 34.6997° N Lon: 83.7261° W

Station: HELEN, GA US USC00094230

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	49.0	28.9	39.0	3.2	3.9	3.4	2.9	1.4	0.3	0.0	0.0	0.0	500.2	560.7	652.7	807.5	0.0	0.0	16.7	1.4	20.1	0.0
02	53.3	30.6	42.0	3.9	3.2	3.3	3.9	1.9	0.6	0.0	0.0	0.0	369.3	423.2	506.0	645.4	0.0	0.0	19.5	0.4	16.0	0.0
03	61.0	36.2	48.6	4.0	3.5	3.6	31.2	18.8	8.0	0.6	0.0	0.0	229.5	279.2	361.4	509.0	0.0	0.0	27.2	0.0	10.4	0.0
04	70.4	43.4	56.9	2.6	2.5	2.4	122.4	88.0	48.4	10.8	0.7	0.1	65.4	91.0	141.4	253.8	0.0	0.1	29.6	0.0	2.6	0.0
05	76.9	52.3	64.6	2.5	3.0	2.4	305.5	250.3	174.5	72.0	15.8	6.3	7.9	14.7	31.9	84.4	0.0	0.7	31.0	0.0	0.1	0.0
06	82.9	60.8	71.9	2.8	1.6	1.8	505.4	445.5	356.1	212.6	88.6	51.5	0.0	0.1	0.6	7.1	0.0	4.6	30.0	0.0	0.0	0.0
07	86.2	64.5	75.4	2.4	1.8	1.9	630.8	568.8	475.8	321.1	170.7	115.4	0.0	0.0	0.0	0.3	0.1	10.4	31.0	0.0	0.0	0.0
08	85.1	63.9	74.5	2.6	1.7	1.8	604.4	542.4	449.4	294.9	146.4	95.0	0.0	0.0	0.0	0.5	0.0	7.1	31.0	0.0	0.0	0.0
09	79.6	57.6	68.6	3.0	2.6	2.3	409.0	350.8	265.9	138.6	45.3	22.0	1.1	2.9	8.0	30.7	0.0	1.7	30.0	0.0	0.0	0.0
10	70.0	46.2	58.1	2.4	2.9	2.3	149.6	110.4	62.7	17.0	2.4	0.7	53.5	76.3	121.6	230.9	0.0	0.1	30.7	0.0	1.6	0.0
11	59.7	35.9	47.8	3.5	3.0	3.0	25.1	15.8	6.6	0.9	0.0	0.0	241.0	291.7	372.5	516.8	0.0	0.0	26.7	0.0	11.7	0.0
12	51.4	31.6	41.5	4.1	3.9	3.9	5.7	3.1	1.0	0.1	0.0	0.0	424.2	483.5	574.4	728.6	0.0	0.0	20.0	0.3	17.4	0.0
Summary	68.8	46.0	57.4	3.1	2.8	2.7	2796	2397	1849	1069	470	291	1892	2223	2770	3815	0.1	24.7	323.4	2.1	79.9	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	6.78	10.4	8.0	4.8	2.4	5.11	6.98	7.85	
02	6.03	10.6	7.6	4.4	2.2	3.59	5.60	7.67	
03	6.75	10.3	8.1	4.3	2.1	4.38	6.24	8.70	
04	5.82	9.0	7.4	4.3	2.2	3.74	5.62	7.00	
05	5.56	10.3	7.7	3.9	1.6	3.37	4.56	6.44	
06	6.29	11.9	8.8	4.4	1.9	4.24	5.87	8.47	
07	5.63	11.4	8.5	3.8	1.8	3.42	5.35	6.76	
08	6.63	11.8	8.5	4.4	2.2	3.59	7.28	8.72	
09	5.33	8.4	6.4	3.2	1.8	3.06	4.84	6.69	
10	4.94	7.2	5.7	2.9	1.5	2.17	4.67	7.54	
11	5.98	8.1	6.3	3.9	2.2	4.43	5.48	7.90	
12	6.97	10.7	8.8	4.8	2.4	4.83	6.29	7.53	
Summary	72.71	120.1	91.8	49.1	24.3	45.93	68.78	91.27	

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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	0.50	0.2	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
02	0.70	0.2	0.2	0.1	0.0	0.0	0.1	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	0.1	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	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.5	0.6	0.5	0.2	0.0	0.0	0.6	0.1	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	96.0	121.2	287.5	508.4	762.6	955.4	1095.8	1069.4	857.9	562.1	252.9	124.9
45	40.9	53.0	170.0	363.2	607.6	805.4	940.8	914.4	707.9	411.5	143.6	56.6
50	12.9	17.6	83.9	230.7	453.7	655.4	785.8	759.4	558.0	269.7	67.8	20.1
55	2.9	3.9	31.2	122.4	305.5	505.4	630.8	604.4	409.0	149.6	25.1	5.7
60	0.3	0.6	8.0	48.4	174.5	356.1	475.8	449.4	265.9	62.7	6.6	1.0
Growing Degree Units for Corn (Monthly)												
50/86	54.9	85.5	187.5	321.0	483.6	643.1	756.0	736.9	563.5	344.2	163.1	71.4

Growing Degree Units (Accumulated Monthly)												
40	96	217	505	1013	1776	2731	3827	4896	5754	6316	6569	6694
45	41	94	264	627	1235	2040	2981	3895	4603	5015	5158	5215
50	13	30	114	345	799	1454	2240	2999	3557	3827	3895	3915
55	3	7	38	160	466	971	1602	2206	2616	2765	2790	2796
60	0	1	9	57	232	588	1064	1513	1779	1842	1848	1849
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	55	140	328	649	1132	1776	2532	3268	3832	4176	4339	4411

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