

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 480 ft. Lat: 33.2725° N Lon: 86.8336° W

Station: HELENA, AL US USC00013781

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	54.8	34.6	44.7	4.0	4.1	3.9	30.4	19.7	8.6	1.1	0.0	0.0	349.4	400.8	482.7	630.1	0.0	0.0	22.0	0.9	15.7	0.0
02	60.1	37.8	49.0	4.3	4.4	4.1	46.5	32.3	17.1	4.2	0.2	0.0	215.8	257.6	326.5	453.6	0.0	0.0	22.2	0.1	11.0	0.0
03	68.0	45.0	56.5	3.9	3.9	3.7	138.8	106.1	66.4	21.6	3.0	0.8	92.3	121.7	175.0	285.1	0.0	0.0	29.3	0.0	4.0	0.0
04	76.1	51.2	63.6	2.9	2.8	2.7	274.1	223.0	154.7	67.8	18.2	7.9	14.5	23.5	45.1	108.2	0.0	0.3	29.9	0.0	0.2	0.0
05	83.4	60.3	71.9	2.2	2.8	2.3	522.8	461.5	371.6	231.9	112.0	72.8	0.5	1.2	4.3	19.6	0.0	6.0	31.0	0.0	0.0	0.0
06	89.6	67.7	78.7	2.6	1.7	1.8	709.5	649.5	559.5	409.5	260.6	202.1	0.0	0.0	0.0	0.0	1.0	19.4	30.0	0.0	0.0	0.0
07	92.2	71.2	81.7	2.1	1.3	1.5	827.6	765.6	672.6	517.6	362.7	300.9	0.0	0.0	0.0	0.0	1.0	24.0	31.0	0.0	0.0	0.0
08	92.0	70.2	81.1	3.1	1.8	2.2	809.0	747.0	654.0	499.0	344.6	283.6	0.0	0.0	0.0	0.0	2.4	22.6	31.0	0.0	0.0	0.0
09	87.2	64.4	75.8	3.2	2.7	2.6	623.8	564.0	474.3	328.1	193.5	146.7	0.0	0.1	0.6	4.3	0.6	13.1	30.0	0.0	0.0	0.0
10	76.3	52.3	64.3	2.9	3.6	2.6	307.6	256.4	186.8	93.1	34.5	20.1	19.2	30.1	53.5	114.8	0.2	1.4	31.0	0.0	0.5	0.0
11	64.9	41.6	53.3	3.6	3.8	3.5	76.0	53.3	29.6	9.6	1.5	0.3	128.3	165.7	231.9	361.9	0.0	0.0	28.4	0.0	6.7	0.0
12	57.0	36.8	46.9	3.8	4.2	3.8	39.8	27.5	14.4	3.0	0.2	0.0	290.8	340.5	420.4	564.0	0.0	0.0	24.1	0.1	13.1	0.0
Summary	75.1	52.8	64.0	3.2	3.1	2.9	4406	3906	3210	2186	1331	1035	1111	1341	1740	2542	5.2	86.8	339.9	1.1	51.2	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	5.10	10.3	7.0	3.5	1.6	3.29	5.28	6.18
02	5.58	11.9	7.8	4.3	1.7	3.77	5.22	7.06
03	5.34	11.5	7.5	3.6	1.6	3.74	4.98	7.10
04	5.18	9.7	6.5	3.4	1.7	3.74	5.02	6.84
05	4.15	9.8	6.5	3.2	1.3	2.65	3.73	5.02
06	4.23	11.0	7.3	2.6	0.9	2.77	3.88	4.57
07	4.76	12.8	7.7	3.2	1.4	3.04	5.06	6.10
08	4.42	11.3	6.6	3.3	1.4	2.79	4.17	5.63
09	3.93	7.9	4.7	2.1	1.2	1.87	3.83	4.60
10	3.62	7.7	4.2	2.4	1.3	1.67	3.40	4.94
11	4.66	8.7	5.9	2.8	1.6	3.42	4.31	5.37
12	4.65	10.8	7.0	3.2	1.4	3.22	4.46	5.80
Summary	55.62	123.4	78.7	37.6	17.1	35.97	53.34	69.21

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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

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	213.5	272.5	513.8	709.7	987.2	1159.4	1292.5	1273.9	1073.6	753.4	403.1	250.3
45	124.7	171.5	369.5	560.3	832.3	1009.4	1137.5	1118.9	923.7	598.8	268.5	154.0
50	67.1	97.5	242.2	413.4	677.3	859.4	982.6	963.9	773.7	447.7	155.8	85.2
55	30.4	46.5	138.8	274.1	522.8	709.5	827.6	809.0	623.8	307.6	76.0	39.8
60	8.6	17.1	66.4	154.7	371.6	559.5	672.6	654.0	474.3	186.8	29.6	14.4
Growing Degree Units for Corn (Monthly)												
50/86	121.3	167.4	312.6	452.4	661.2	792.6	881.9	864.1	723.5	484.8	248.5	144.0

Growing Degree Units (Accumulated Monthly)												
40	214	486	1000	1710	2697	3856	5149	6422	7496	8250	8653	8903
45	125	296	666	1226	2058	3068	4205	5324	6248	6847	7115	7269
50	67	165	407	820	1498	2357	3340	4303	5077	5525	5681	5766
55	30	77	216	490	1013	1722	2550	3359	3982	4290	4366	4406
60	9	26	92	247	618	1178	1850	2504	2979	3166	3195	3210
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	121	289	601	1054	1715	2508	3389	4254	4977	5462	5710	5854

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