

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 590 ft. Lat: 34.0678° N Lon: 86.7911° W
Station: **HANCEVILLE, AL US USC00013655**

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	50.9	29.7	40.3	3.8	4.1	3.8	9.7	4.8	1.2	0.1	0.0	0.0	465.2	522.3	611.8	765.7	0.0	0.0	18.7	1.7	18.7	0.0
02	55.1	32.1	43.6	3.9	3.9	3.7	13.3	8.1	3.4	0.4	0.0	0.0	332.5	383.3	462.5	599.6	0.0	0.0	19.9	0.3	15.0	0.0
03	63.5	39.3	51.4	4.0	3.9	3.8	66.1	45.1	22.9	4.2	0.3	0.0	177.7	218.8	289.5	425.8	0.0	0.0	28.7	0.1	7.7	0.0
04	71.7	46.2	58.9	2.8	3.4	2.9	166.1	125.8	76.4	22.6	2.7	0.7	47.5	67.2	107.8	204.1	0.0	0.1	29.6	0.0	1.4	0.0
05	78.5	54.9	66.7	2.4	3.1	2.5	368.2	310.3	228.6	111.5	32.0	14.1	5.5	9.6	20.9	58.9	0.0	1.7	31.0	0.0	0.0	0.0
06	85.0	63.1	74.0	3.0	1.6	1.9	571.4	511.5	421.5	272.5	133.8	87.5	0.0	0.0	0.1	1.0	0.1	9.8	30.0	0.0	0.0	0.0
07	88.2	67.2	77.7	2.5	1.4	1.7	703.6	641.6	548.6	393.7	239.8	179.9	0.0	0.0	0.0	0.0	0.2	14.1	31.0	0.0	0.0	0.0
08	88.1	66.0	77.1	2.5	1.9	2.0	683.5	621.5	528.5	373.6	222.0	164.2	0.0	0.0	0.0	0.0	0.7	14.0	31.0	0.0	0.0	0.0
09	83.4	60.2	71.8	3.1	2.6	2.5	504.1	444.8	357.6	221.0	104.6	66.9	0.3	1.0	3.8	17.1	0.0	6.1	30.0	0.0	0.0	0.0
10	72.9	47.7	60.3	2.6	3.1	2.2	206.7	162.3	106.3	39.8	9.6	4.9	42.2	59.9	96.8	185.5	0.0	0.4	30.9	0.0	1.6	0.0
11	62.2	36.7	49.4	4.2	3.3	3.4	42.9	28.9	15.1	2.7	0.2	0.0	209.3	255.3	331.5	469.2	0.0	0.0	27.7	0.1	10.7	0.0
12	53.5	31.8	42.7	3.5	3.7	3.5	13.4	7.9	2.9	0.2	0.0	0.0	396.2	452.6	540.6	693.0	0.0	0.0	21.0	0.2	17.0	0.0
Summary	71.1	47.9	59.5	3.2	3.0	2.8	3349	2913	2313	1442	745	518	1676	1970	2465	3420	1.0	46.2	329.5	2.4	72.1	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	5.81	9.2	7.4	4.1	1.9	3.78	5.53	7.42
02	5.77	9.1	7.4	4.0	1.9	3.55	5.12	7.15
03	5.78	9.8	8.0	4.1	2.0	4.46	5.50	6.93
04	5.57	8.2	6.7	3.8	1.9	3.59	5.38	7.56
05	4.91	8.9	7.4	3.6	1.5	3.15	4.17	6.47
06	4.73	9.1	7.7	3.3	1.5	2.75	4.03	5.57
07	4.67	9.9	7.8	3.1	1.3	2.94	4.27	6.34
08	3.86	7.9	5.9	2.6	1.2	2.82	3.98	4.58
09	3.89	6.0	4.8	2.3	1.4	2.55	3.81	4.97
10	3.58	6.0	4.3	2.3	1.3	1.49	2.88	5.71
11	4.58	7.4	5.9	3.1	1.5	3.32	4.27	5.59
12	5.83	9.4	7.4	4.0	1.9	3.82	5.43	7.35
Summary	58.98	100.9	80.7	40.3	19.3	38.22	54.37	75.64

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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	0.20	0.3	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.10
02	0.30	0.3	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.00	0.00
03	0.50	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.1	0.1	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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.1	0.8	0.3	0.0	0.0	0.0	1.0	0.2	0.1	0.1	0.0	0.0	0.1

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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	130.6	161.1	368.8	569.7	827.7	1021.3	1168.5	1148.4	953.6	629.9	302.8	154.8
45	68.3	86.3	241.9	423.4	672.7	871.3	1013.5	993.4	803.6	478.0	185.2	81.7
50	30.3	39.0	140.1	285.7	518.6	721.4	858.6	838.5	653.8	334.6	97.7	37.4
55	9.7	13.3	66.1	166.1	368.2	571.4	703.6	683.5	504.1	206.7	42.9	13.4
60	1.2	3.4	22.9	76.4	228.6	421.5	548.6	528.5	357.6	106.3	15.1	2.9
Growing Degree Units for Corn (Monthly)												
50/86	79.0	105.0	228.3	356.7	536.5	699.1	810.3	789.7	640.3	400.1	201.1	95.0

Growing Degree Units (Accumulated Monthly)												
40	131	292	660	1230	2058	3079	4248	5396	6350	6980	7282	7437
45	68	155	396	820	1493	2364	3377	4371	5174	5652	5838	5919
50	30	69	209	495	1014	1735	2594	3432	4086	4421	4518	4556
55	10	23	89	255	623	1195	1898	2582	3086	3293	3336	3349
60	1	5	28	104	332	754	1303	1831	2189	2295	2310	2313
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	79	184	412	769	1306	2005	2815	3605	4245	4645	4846	4941

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