

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 298 ft. Lat: 33.7392° N Lon: 88.1275° W
Station: **VERNON, AL US USC00018517**

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	55.0	33.4	44.2	3.8	4.3	3.9	26.6	18.3	9.2	1.4	0.2	0.0	361.2	414.9	498.9	646.0	0.0	0.0	20.9	0.6	17.9	0.0
02	59.4	36.9	48.1	4.0	4.1	3.9	40.6	27.6	13.7	3.3	0.5	0.1	232.3	275.3	345.4	475.0	0.0	0.0	22.1	0.2	12.6	0.0
03	68.0	43.7	55.8	4.1	3.9	3.8	135.9	104.7	65.9	23.3	4.3	1.7	109.6	140.4	194.6	307.0	0.0	0.0	29.0	0.1	7.3	0.0
04	75.9	49.9	62.9	2.6	3.6	2.9	262.6	214.4	149.3	64.9	17.2	7.6	25.5	37.4	62.3	127.9	0.0	0.0	29.9	0.0	1.6	0.0
05	82.7	59.5	71.1	2.5	3.0	2.5	500.1	439.1	350.1	214.1	101.6	66.4	1.1	2.1	6.0	25.1	0.0	3.1	31.0	0.0	0.0	0.0
06	89.0	67.5	78.2	2.6	1.6	1.8	697.4	637.4	547.4	397.9	251.6	196.0	0.0	0.0	0.0	0.5	0.1	13.8	30.0	0.0	0.0	0.0
07	91.8	70.6	81.2	2.3	1.5	1.6	812.1	750.1	657.1	502.1	347.2	285.5	0.0	0.0	0.0	0.0	1.1	21.8	31.0	0.0	0.0	0.0
08	91.8	69.9	80.9	3.6	1.8	2.5	801.2	739.2	646.2	491.2	337.0	276.4	0.0	0.0	0.0	0.0	2.2	20.5	31.0	0.0	0.0	0.0
09	86.7	63.4	75.1	2.7	2.7	2.3	601.6	542.0	453.3	310.2	180.4	135.4	0.2	0.6	1.9	8.9	0.2	10.7	30.0	0.0	0.0	0.0
10	77.1	51.2	64.2	2.6	3.2	2.3	305.9	255.0	185.6	93.3	33.6	19.9	22.2	33.3	56.9	119.6	0.1	0.9	31.0	0.0	1.6	0.0
11	65.6	42.0	53.8	3.9	4.6	3.7	94.7	69.8	41.0	14.3	2.8	1.1	130.6	165.7	227.0	350.3	0.0	0.0	28.2	0.0	8.8	0.0
12	57.1	36.0	46.6	3.4	3.9	3.5	36.3	24.3	11.9	3.1	0.7	0.3	298.1	348.1	428.7	574.9	0.0	0.0	23.8	0.3	15.6	0.0
Summary	75.0	52.0	63.5	3.2	3.2	2.9	4315	3822	3131	2119	1277	990	1181	1418	1822	2635	3.7	70.8	337.9	1.2	65.4	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	5.26	10.3	7.1	3.9	1.9	3.52	5.40	6.14	
02	4.94	7.8	5.6	3.2	1.4	2.70	4.36	6.08	
03	5.56	8.8	6.4	3.9	2.4	4.65	5.21	6.56	
04	5.94	6.6	5.1	3.0	1.8	3.96	5.47	7.02	
05	5.39	7.4	5.8	2.9	1.5	3.04	4.93	6.65	
06	4.72	8.9	7.1	3.2	1.3	3.28	4.55	6.15	
07	5.35	8.6	6.5	3.4	1.9	2.84	5.17	7.82	
08	3.49	7.0	4.7	2.4	1.1	2.61	3.59	4.17	
09	3.36	5.2	3.4	1.8	0.8	1.71	3.31	4.65	
10	3.82	5.7	3.8	1.9	1.2	1.52	3.31	5.61	
11	4.61	7.7	5.7	3.1	1.3	3.10	3.93	6.14	
12	6.01	8.9	6.3	3.9	1.9	4.46	6.01	7.18	
Summary	58.45	92.9	67.5	36.6	18.5	37.39	55.24	74.17	

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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	0.30	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
03	0.20	0.0	0.0	0.0	0.0	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.5	0.2	0.2	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	201.7	260.5	498.9	687.2	964.1	1147.4	1277.1	1266.2	1051.3	749.2	421.8	245.5
45	115.3	161.0	357.8	538.7	809.1	997.4	1122.1	1111.2	901.4	595.3	290.1	146.5
50	58.4	88.1	233.9	395.2	654.2	847.4	967.1	956.2	751.4	445.3	179.0	80.1
55	26.6	40.6	135.9	262.6	500.1	697.4	812.1	801.2	601.6	305.9	94.7	36.3
60	9.2	13.7	65.9	149.3	350.1	547.4	657.1	646.2	453.3	185.6	41.0	11.9
Growing Degree Units for Corn (Monthly)												
50/86	120.6	159.7	314.7	446.5	647.4	788.2	872.8	860.0	711.9	490.3	264.3	143.7

Growing Degree Units (Accumulated Monthly)												
40	202	462	961	1648	2612	3760	5037	6303	7354	8104	8525	8771
45	115	276	634	1173	1982	2979	4101	5213	6114	6709	6999	7146
50	58	146	380	776	1430	2277	3244	4200	4952	5397	5576	5656
55	27	67	203	466	966	1663	2475	3276	3878	4184	4279	4315
60	9	23	89	238	588	1136	1793	2439	2892	3078	3119	3131
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	121	280	595	1042	1689	2477	3350	4210	4922	5412	5676	5820

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