

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 565 ft. Lat: 33.1783° N Lon: 86.7817° W
Station: **ALABASTER SHELBY CO AP, AL US USW00053864**

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	55.7	35.6	45.7	3.8	3.9	3.8	32.5	22.1	10.8	1.8	0.1	0.0	322.1	373.7	455.4	601.5	0.0	0.0	22.4	0.7	14.4	0.0
02	60.5	39.3	49.9	4.1	4.1	3.9	49.5	34.7	18.9	5.0	0.4	0.1	192.3	233.4	301.6	427.8	0.0	0.0	22.8	0.1	8.1	0.0
03	67.9	46.0	57.0	3.9	3.7	3.7	144.2	109.6	67.8	22.0	3.6	1.3	83.8	111.2	162.4	271.6	0.0	0.0	29.4	0.0	3.0	0.0
04	75.4	52.6	64.0	2.5	2.8	2.5	284.4	233.6	164.1	73.8	21.2	9.5	14.4	23.6	44.0	103.8	0.0	0.0	30.0	0.0	0.3	0.0
05	82.5	61.0	71.8	2.3	2.6	2.2	519.6	458.2	367.6	226.6	108.4	70.1	0.4	1.0	3.4	17.4	0.0	3.1	31.0	0.0	0.0	0.0
06	88.3	68.7	78.5	2.5	1.4	1.6	704.9	644.9	554.9	405.1	258.2	201.1	0.0	0.0	0.0	0.2	0.2	11.7	30.0	0.0	0.0	0.0
07	91.1	71.6	81.3	2.5	1.2	1.6	816.8	754.8	661.8	506.8	351.8	290.0	0.0	0.0	0.0	0.0	0.4	20.0	31.0	0.0	0.0	0.0
08	90.8	71.0	80.9	3.3	1.7	2.3	802.8	740.8	647.8	492.8	338.1	276.9	0.0	0.0	0.0	0.0	1.2	18.5	31.0	0.0	0.0	0.0
09	86.1	65.5	75.8	3.0	2.5	2.4	623.8	563.9	474.4	328.2	192.9	144.9	0.0	0.0	0.5	4.2	0.1	9.4	30.0	0.0	0.0	0.0
10	76.3	53.9	65.1	2.9	3.1	2.4	328.3	275.4	202.3	102.3	36.7	21.2	15.1	24.2	44.2	99.2	0.1	0.5	31.0	0.0	0.1	0.0
11	66.0	43.1	54.6	3.7	3.4	3.2	95.0	68.5	38.6	12.7	2.2	0.8	108.3	141.9	202.0	326.1	0.0	0.0	28.6	0.0	4.7	0.0
12	58.0	38.3	48.2	3.7	3.8	3.6	44.4	30.7	16.4	4.3	0.8	0.4	256.7	305.0	383.7	526.6	0.0	0.0	23.9	0.1	11.9	0.0
Summary	74.9	53.9	64.4	3.2	2.8	2.8	4446	3937	3225	2181	1314	1016	993	1214	1597	2378	2.0	63.2	341.1	0.9	42.5	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	5.35	10.8	7.4	3.8	1.8	3.57	5.14	6.90	
02	5.76	11.4	7.3	4.3	1.7	4.18	5.44	7.48	
03	5.40	11.5	7.5	3.6	1.9	3.99	5.56	6.80	
04	5.07	9.7	6.1	3.2	1.6	3.44	4.96	6.87	
05	4.15	9.9	6.6	3.4	1.2	2.40	3.84	5.94	
06	4.58	11.5	7.7	3.2	1.2	2.58	3.46	5.41	
07	4.93	12.8	7.3	2.9	1.0	2.82	4.42	6.84	
08	4.72	11.5	7.2	3.1	1.2	2.96	4.26	6.49	
09	3.57	8.0	4.9	2.0	1.0	1.86	3.35	4.56	
10	3.03	8.2	4.4	2.0	1.0	1.50	2.53	4.27	
11	4.56	9.0	5.7	3.0	1.4	3.08	4.10	5.70	
12	5.07	11.3	7.1	3.7	1.6	3.40	4.68	5.58	
Summary	56.19	125.6	79.2	38.2	16.6	35.78	51.74	72.84	

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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	231.3	294.2	529.4	720.1	984.2	1154.9	1281.8	1267.8	1073.8	778.1	439.5	280.1
45	136.1	185.8	382.8	570.5	829.2	1004.8	1126.7	1112.7	923.8	623.4	301.7	171.6
50	72.5	104.7	252.2	423.2	674.2	854.9	971.8	957.8	773.8	471.1	184.0	95.2
55	32.5	49.5	144.2	284.4	519.6	704.9	816.8	802.8	623.8	328.3	95.0	44.4
60	10.8	18.9	67.8	164.1	367.6	554.9	661.8	647.8	474.4	202.3	38.6	16.4
Growing Degree Units for Corn (Monthly)												
50/86	131.9	172.7	315.2	454.9	663.7	803.4	888.2	875.9	736.2	499.5	265.0	156.8

Growing Degree Units (Accumulated Monthly)												
40	231	526	1055	1775	2759	3914	5196	6464	7538	8316	8755	9035
45	136	322	705	1275	2104	3109	4236	5349	6272	6896	7197	7369
50	72	177	429	853	1527	2382	3354	4311	5085	5556	5740	5835
55	32	82	226	511	1030	1735	2552	3355	3978	4307	4402	4446
60	11	30	98	262	629	1184	1846	2494	2968	3170	3209	3225
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	132	305	620	1075	1738	2542	3430	4306	5042	5542	5807	5963

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