

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 445 ft. Lat: 33.3953° N Lon: 87.0078° W

Station: **BESSEMER 3 WSW, AL US USC00010764**

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	33.8	44.8	3.9	4.3	4.0	25.1	16.1	7.2	0.8	0.0	0.0	342.8	395.7	479.8	628.3	0.0	0.0	22.6	0.6	16.6	0.0
02	60.6	37.0	48.8	4.1	4.1	3.9	39.0	26.3	12.9	2.9	0.1	0.0	212.6	255.8	326.5	456.4	0.0	0.0	23.4	0.1	11.7	0.0
03	68.3	43.3	55.8	4.0	3.9	3.7	120.3	89.4	52.8	15.5	1.8	0.5	95.5	126.7	183.0	300.7	0.0	0.0	29.6	0.0	5.4	0.0
04	76.0	50.1	63.1	2.7	2.9	2.6	258.1	208.6	142.8	61.0	15.1	6.5	16.5	27.1	51.3	119.5	0.0	0.2	30.0	0.0	0.8	0.0
05	83.0	59.4	71.2	2.3	2.8	2.3	502.6	441.3	351.4	212.8	97.9	62.7	0.4	1.2	4.2	20.7	0.0	4.8	31.0	0.0	0.0	0.0
06	89.1	66.7	77.9	2.7	1.8	2.0	687.0	627.0	536.9	387.3	240.8	185.0	0.0	0.0	0.0	0.3	0.3	15.8	30.0	0.0	0.0	0.0
07	91.8	70.5	81.2	2.4	1.5	1.8	810.6	748.6	655.6	500.6	345.7	284.1	0.0	0.0	0.0	0.0	1.7	23.2	31.0	0.0	0.0	0.0
08	91.7	69.6	80.6	3.5	1.9	2.5	795.1	733.1	640.1	485.3	331.2	270.3	0.0	0.0	0.0	0.3	2.1	22.1	31.0	0.0	0.0	0.0
09	87.1	63.8	75.4	3.2	2.7	2.7	613.4	553.5	463.9	319.0	187.2	140.4	0.0	0.1	0.6	5.7	0.4	12.4	30.0	0.0	0.0	0.0
10	77.1	52.6	64.8	2.9	3.1	2.4	321.5	269.1	197.1	99.6	37.8	22.2	16.1	25.7	46.8	104.3	0.1	1.4	31.0	0.0	0.6	0.0
11	66.0	41.5	53.8	3.7	3.5	3.3	85.9	61.8	34.8	12.0	2.3	0.8	123.3	159.3	222.2	349.4	0.0	0.0	28.8	0.0	7.3	0.0
12	57.9	36.7	47.3	3.8	4.0	3.7	35.2	24.2	12.6	3.1	0.4	0.1	273.9	324.8	406.3	551.7	0.0	0.0	24.5	0.1	14.3	0.0
Summary	75.4	52.1	63.7	3.3	3.0	2.9	4294	3799	3108	2100	1260	973	1081	1316	1721	2537	4.6	79.9	342.9	0.8	56.7	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	5.40	10.4	7.3	3.8	1.7	3.29	5.13	6.88
02	5.38	10.7	7.3	3.6	1.7	3.34	4.66	6.86
03	5.42	10.9	7.6	3.9	1.8	3.98	4.98	6.86
04	5.11	9.3	6.8	3.6	1.8	3.45	4.67	6.19
05	4.55	8.5	6.5	3.3	1.5	2.63	4.53	6.29
06	4.53	10.5	7.3	3.3	1.4	2.65	3.64	5.52
07	4.76	10.9	7.2	3.1	1.6	3.44	4.46	5.91
08	3.98	9.9	6.4	2.5	1.0	1.79	3.82	5.21
09	3.45	6.4	4.2	2.1	1.2	1.53	3.06	5.15
10	3.26	6.7	4.3	2.2	1.1	1.47	2.70	4.69
11	4.45	8.2	5.8	3.2	1.7	2.72	4.19	5.57
12	5.20	10.8	7.5	3.8	1.6	3.39	5.20	6.52
Summary	55.49	113.2	78.2	38.4	18.1	33.68	51.04	71.65

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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	0.40	0.1	0.1	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	0.70	0.1	0.1	0.1	0.1	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	0.10	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	1.2	0.2	0.2	0.1	0.1	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	207.3	268.6	494.7	691.6	967.2	1136.9	1275.6	1260.0	1063.4	770.5	416.1	254.0
45	116.5	163.5	349.5	542.1	812.1	986.9	1120.5	1105.0	913.3	616.2	280.5	149.7
50	58.4	87.2	221.4	395.4	657.2	836.9	965.6	950.0	763.4	464.4	167.6	78.8
55	25.1	39.0	120.3	258.1	502.6	687.0	810.6	795.1	613.4	321.5	85.9	35.2
60	7.2	12.9	52.8	142.8	351.4	536.9	655.6	640.1	463.9	197.1	34.8	12.6
Growing Degree Units for Corn (Monthly)												
50/86	126.1	169.1	309.3	444.6	647.0	776.1	870.8	854.2	718.0	500.0	262.7	152.4

Growing Degree Units (Accumulated Monthly)												
40	207	476	971	1662	2629	3766	5042	6302	7365	8136	8552	8806
45	116	280	630	1172	1984	2971	4091	5196	6109	6726	7006	7156
50	58	146	367	762	1420	2256	3222	4172	4936	5400	5568	5646
55	25	64	184	442	945	1632	2443	3238	3851	4173	4259	4294
60	7	20	73	216	567	1104	1760	2400	2864	3061	3096	3108
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	126	295	604	1049	1696	2472	3343	4197	4915	5415	5678	5830

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