

Summary of Monthly Normals
1991-2020
Generated on 04/28/2024

Current Location: Elev: 608 ft. Lat: 33.6906° N Lon: 86.6850° W
Station: **PINSON, AL US USC00016478**

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	53.5	31.0	42.3	3.9	4.2	3.8	15.3	9.1	3.6	0.6	0.0	0.0	410.4	466.3	553.7	705.7	0.0	0.0	20.7	0.8	18.6	0.1	
02	58.3	34.3	46.3	4.4	4.0	4.0	23.4	14.9	6.9	1.4	0.1	0.0	267.0	314.5	390.4	525.0	0.0	0.0	21.9	0.3	14.6	0.0	
03	66.6	40.9	53.8	3.9	3.8	3.7	97.3	72.2	42.1	11.9	1.4	0.5	136.1	173.0	235.9	360.7	0.0	0.1	29.1	0.1	8.3	0.0	
04	74.9	47.5	61.2	2.7	3.5	2.9	218.6	174.1	117.3	48.2	10.7	4.4	32.5	48.1	81.3	162.2	0.0	0.6	29.9	0.0	2.0	0.0	
05	81.5	56.4	68.9	2.5	2.8	2.3	434.2	374.5	288.3	160.6	64.3	37.1	1.8	4.1	10.8	38.2	0.0	3.7	31.0	0.0	0.0	0.0	
06	87.5	64.5	76.0	3.1	1.7	2.1	629.9	569.9	479.9	331.0	188.7	136.9	0.0	0.0	0.0	1.1	0.4	13.0	30.0	0.0	0.0	0.0	
07	90.2	68.4	79.3	2.7	1.5	1.8	753.2	691.2	598.2	443.3	289.0	227.9	0.0	0.0	0.0	0.1	1.1	20.0	31.0	0.0	0.0	0.0	
08	89.7	67.8	78.8	3.6	2.1	2.5	736.1	674.2	581.1	426.2	273.4	214.2	0.0	0.0	0.0	0.1	2.0	18.0	31.0	0.0	0.0	0.0	
09	85.2	61.4	73.3	3.5	3.2	2.9	549.0	489.2	400.3	258.7	135.3	94.3	0.1	0.3	1.5	9.8	0.3	8.0	30.0	0.0	0.0	0.0	
10	75.0	49.7	62.4	3.1	3.5	2.6	259.7	212.2	148.4	66.2	19.6	10.8	31.8	46.3	75.5	148.3	0.0	0.5	30.9	0.0	1.6	0.0	
11	64.0	38.7	51.3	4.2	3.2	3.3	65.2	45.5	25.0	7.7	1.3	0.5	174.6	214.9	284.4	417.1	0.0	0.0	27.9	0.0	10.2	0.0	
12	55.7	33.8	44.7	3.8	3.4	3.4	23.6	15.4	7.4	1.6	0.3	0.1	341.3	395.1	480.0	629.3	0.0	0.0	22.6	0.3	17.0	0.0	
Summary	73.5	49.5	61.5	3.5	3.1	2.9	3805	3342	2699	1757	984	727	1396	1663	2114	2998	3.8	63.9	336.0	1.5	72.3	0.1	

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	5.11	10.4	7.4	3.5	1.7	3.31	4.78	7.11
02	5.39	10.0	7.4	3.6	1.4	3.77	4.75	6.76
03	5.71	10.1	8.0	4.4	1.8	4.04	5.20	6.78
04	5.04	7.8	6.3	3.2	1.4	3.24	4.90	6.63
05	4.77	9.1	6.8	3.7	1.6	2.43	4.81	6.01
06	4.58	10.0	7.7	3.2	1.1	2.84	3.61	6.18
07	4.98	10.7	7.9	3.6	1.0	3.32	5.14	7.20
08	4.45	8.2	5.8	2.5	1.5	2.26	4.42	6.09
09	3.96	6.1	4.5	2.7	1.4	2.06	2.98	5.33
10	3.28	5.8	4.4	2.3	0.8	1.49	2.72	4.71
11	4.64	7.9	6.1	3.4	1.8	3.39	4.11	4.73
12	5.11	9.9	7.3	3.6	1.4	3.73	4.43	6.57
Summary	57.02	106.0	79.6	39.7	16.9	35.88	51.85	74.10

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.20
02	0.30	0.4	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.10
03	0.80	0.3	0.2	0.1	0.0	0.0	0.2	0.2	0.2	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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.4	1.2	0.5	0.1	0.0	0.0	0.5	0.2	0.2	0.1	0.0	0.0	0.3

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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	161.2	213.0	435.0	636.2	897.4	1079.8	1218.1	1201.0	998.8	693.3	351.9	200.0
45	85.2	122.4	297.7	488.1	742.4	929.8	1063.1	1046.0	848.8	539.9	229.5	113.4
50	40.5	59.7	182.5	346.0	587.6	779.9	908.2	891.1	698.8	392.9	132.8	56.4
55	15.3	23.4	97.3	218.6	434.2	629.9	753.2	736.1	549.0	259.7	65.2	23.6
60	3.6	6.9	42.1	117.3	288.3	479.9	598.2	581.1	400.3	148.4	25.0	7.4
Growing Degree Units for Corn (Monthly)												
50/86	103.1	141.8	279.2	412.9	591.8	733.0	833.2	819.4	670.0	449.0	230.6	124.8

Growing Degree Units (Accumulated Monthly)												
40	161	374	809	1445	2343	3423	4641	5842	6841	7534	7886	8086
45	85	208	505	993	1736	2666	3729	4775	5624	6163	6393	6506
50	40	100	283	629	1216	1996	2904	3796	4494	4887	5020	5076
55	15	39	136	355	789	1419	2172	2908	3457	3717	3782	3805
60	4	10	53	170	458	938	1536	2117	2518	2666	2691	2699
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	103	245	524	937	1529	2262	3095	3914	4584	5033	5264	5389

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

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