

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 917 ft. Lat: 34.4406° N Lon: 85.7236° W

Station: FT PAYNE, AL US USC00013043

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	52.2	31.5	41.8	4.3	4.8	4.3	14.9	8.8	3.4	0.3	0.0	0.0	422.3	478.1	565.7	717.6	0.0	0.0	19.2	1.3	17.8	0.0
02	56.7	35.6	46.2	4.3	4.1	4.1	24.9	15.9	8.0	1.8	0.1	0.0	272.7	319.6	395.7	529.6	0.0	0.0	20.3	0.4	12.4	0.0
03	65.1	42.4	53.7	4.4	3.7	3.9	96.6	69.9	39.3	10.4	1.0	0.2	135.3	170.7	233.1	359.3	0.0	0.0	28.3	0.0	5.1	0.0
04	73.5	49.5	61.5	2.9	3.4	2.9	231.1	184.9	125.0	53.1	12.3	4.3	36.0	49.8	80.0	158.1	0.0	0.0	29.3	0.0	0.6	0.0
05	81.0	58.4	69.7	2.6	2.6	2.5	458.1	398.9	313.4	183.3	78.5	47.3	2.5	5.2	12.8	37.7	0.0	1.9	31.0	0.0	0.0	0.0
06	87.7	66.6	77.1	2.9	1.2	1.8	664.4	604.4	514.4	364.9	218.8	163.3	0.0	0.0	0.0	0.5	0.2	11.3	30.0	0.0	0.0	0.0
07	90.8	70.0	80.4	2.6	1.6	1.9	787.3	725.3	632.3	477.3	322.5	261.3	0.0	0.0	0.0	0.0	0.3	17.9	31.0	0.0	0.0	0.0
08	90.2	69.2	79.7	2.9	2.3	2.4	765.6	703.6	610.6	455.9	302.6	242.3	0.0	0.0	0.0	0.3	0.6	19.3	31.0	0.0	0.0	0.0
09	85.8	63.7	74.7	3.5	2.4	2.8	592.6	533.0	444.1	300.7	170.8	125.2	0.3	0.7	1.9	8.5	0.1	9.0	30.0	0.0	0.0	0.0
10	76.1	51.8	63.9	2.5	3.2	2.4	298.3	246.9	176.3	83.7	30.1	18.2	20.8	31.5	53.8	116.3	0.1	0.9	30.8	0.0	0.7	0.0
11	64.1	41.2	52.6	4.0	3.8	3.7	71.1	49.8	27.3	7.8	1.1	0.4	141.4	180.2	247.6	378.1	0.0	0.0	27.8	0.1	5.6	0.0
12	55.4	34.9	45.1	4.3	3.8	3.9	23.1	14.2	6.3	0.8	0.0	0.0	328.4	381.5	466.5	616.0	0.0	0.0	22.8	0.3	14.6	0.0
Summary	73.2	51.2	62.2	3.4	3.1	3.0	4028	3556	2900	1940	1138	863	1360	1617	2057	2922	1.3	60.3	331.5	2.1	56.8	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	5.27							
02	5.39							
03	5.28							
04	5.07							
05	5.01							
06	4.60							
07	5.38							
08	3.86							
09	4.42							
10	3.60							
11	4.53							
12	5.62							
Summary	58.03	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	159.5	213.6	435.5	645.5	920.7	1114.3	1252.2	1230.5	1042.2	742.5	389.2	208.8
45	86.9	124.5	298.3	499.4	765.7	964.4	1097.3	1075.6	892.3	588.7	259.4	118.6
50	41.5	62.4	183.8	359.4	610.9	814.4	942.3	920.6	742.3	438.8	150.1	59.7
55	14.9	24.9	96.6	231.1	458.1	664.4	787.3	765.6	592.6	298.3	71.1	23.1
60	3.4	8.0	39.3	125.0	313.4	514.4	632.3	610.6	444.1	176.3	27.3	6.3
Growing Degree Units for Corn (Monthly)												
50/86	91.0	125.7	259.1	406.0	613.1	769.2	860.9	844.8	706.4	476.4	235.6	116.5

Growing Degree Units (Accumulated Monthly)												
40	160	373	809	1454	2375	3489	4741	5972	7014	7756	8146	8354
45	87	211	510	1009	1775	2739	3836	4912	5804	6393	6652	6771
50	42	104	288	647	1258	2072	3015	3935	4678	5116	5266	5326
55	15	40	136	368	826	1490	2277	3043	3636	3934	4005	4028
60	3	11	51	176	489	1004	1636	2246	2690	2867	2894	2900
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	91	217	476	882	1495	2264	3125	3970	4676	5153	5388	5505

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.