

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 23 ft. Lat: 30.5467° N Lon: 87.8808° W
Station: FAIRHOPE 2 NE, AL US USC00012813

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	61.8	36.6	49.2	3.6	4.2	3.8	54.9	38.7	20.5	4.3	0.4	0.1	234.5	280.4	355.1	494.0	0.0	0.0	27.0	0.0	9.5	0.0
02	65.4	39.8	52.6	3.6	4.3	3.8	71.7	51.0	28.5	7.3	0.4	0.1	138.9	174.2	235.6	354.5	0.0	0.0	26.3	0.0	4.9	0.0
03	71.8	45.9	58.8	3.4	4.0	3.5	175.5	135.3	84.5	26.0	3.0	0.7	56.2	77.9	120.2	216.7	0.0	0.0	30.6	0.0	1.6	0.0
04	77.9	51.9	64.9	2.3	2.9	2.4	304.6	250.3	175.3	76.1	19.8	9.0	7.5	13.2	28.3	79.0	0.0	0.0	30.0	0.0	0.0	0.0
05	85.0	60.3	72.6	1.7	2.2	1.8	547.1	485.2	393.1	245.5	116.3	74.0	0.0	0.1	1.0	8.4	0.0	4.2	31.0	0.0	0.0	0.0
06	89.4	67.5	78.5	2.1	1.6	1.6	703.4	643.4	553.4	403.4	253.9	195.0	0.0	0.0	0.0	0.0	0.2	16.2	30.0	0.0	0.0	0.0
07	91.1	69.6	80.3	1.6	1.2	1.2	785.8	723.8	630.8	475.8	320.8	258.9	0.0	0.0	0.0	0.0	0.2	22.8	31.0	0.0	0.0	0.0
08	91.1	69.0	80.0	1.9	1.5	1.6	776.5	714.5	621.5	466.5	311.6	250.0	0.0	0.0	0.0	0.0	0.2	22.7	31.0	0.0	0.0	0.0
09	88.2	64.7	76.5	1.8	1.9	1.6	643.4	583.4	493.5	344.8	202.4	149.5	0.0	0.0	0.2	1.4	0.0	13.7	30.0	0.0	0.0	0.0
10	80.5	54.3	67.4	1.6	3.1	2.1	391.9	334.4	253.3	136.1	52.5	30.8	7.5	12.0	23.9	61.7	0.0	1.7	31.0	0.0	0.0	0.0
11	71.0	44.2	57.6	3.3	3.6	3.3	152.7	117.9	74.6	26.7	5.0	1.9	74.6	99.8	146.5	248.7	0.0	0.0	29.7	0.0	2.1	0.0
12	64.3	39.1	51.7	3.2	4.1	3.5	78.6	58.2	34.4	10.0	1.7	0.6	180.9	222.5	291.6	422.3	0.0	0.0	28.9	0.0	6.4	0.0
Summary	78.1	53.6	65.8	2.5	2.9	2.5	4686	4136	3363	2222	1288	971	700	880	1202	1887	0.6	81.3	356.5	0.0	24.5	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	5.48	10.9	6.9	3.5	1.7	2.96	4.18	5.85	
02	4.65	9.6	5.9	3.1	1.7	2.89	4.58	6.19	
03	5.06	9.0	5.7	2.9	1.7	2.32	4.45	7.28	
04	5.51	7.5	5.1	2.8	1.6	2.38	3.65	6.26	
05	4.93	8.1	5.5	2.5	1.5	2.46	3.73	7.24	
06	6.78	12.6	8.9	4.4	1.9	4.26	5.87	8.88	
07	9.03	14.4	10.3	5.5	2.7	5.60	8.03	10.61	
08	7.16	15.0	10.0	4.2	2.4	5.50	6.37	9.38	
09	6.60	10.9	7.4	3.2	1.7	3.07	5.13	8.05	
10	4.38	7.1	4.5	2.4	1.4	2.32	3.60	5.35	
11	4.57	7.7	5.5	2.8	1.5	1.83	3.76	6.12	
12	5.16	10.5	6.4	3.1	1.7	3.17	4.79	5.39	
Summary	69.31	123.3	82.1	40.4	21.5	38.76	58.14	86.60	

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.0	0.0	0.0	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	313.5	361.2	585.8	747.1	1012.1	1153.4	1250.8	1241.5	1093.4	849.5	529.7	374.8
45	197.7	239.6	435.5	597.2	857.1	1003.4	1095.8	1086.5	943.4	694.8	387.2	247.6
50	111.7	140.8	295.2	448.4	702.1	853.4	940.8	931.5	793.3	541.1	258.8	148.4
55	54.9	71.7	175.5	304.6	547.1	703.4	785.8	776.5	643.4	391.9	152.7	78.6
60	20.5	28.5	84.5	175.3	393.1	553.4	630.8	621.5	493.5	253.3	74.6	34.4
Growing Degree Units for Corn (Monthly)												
50/86	204.7	233.4	371.7	483.0	686.1	795.2	857.7	848.4	746.3	560.7	344.9	242.9

Growing Degree Units (Accumulated Monthly)												
40	314	675	1260	2008	3020	4173	5424	6665	7759	8608	9138	9513
45	198	437	873	1470	2327	3330	4426	5513	6456	7151	7538	7786
50	112	252	548	996	1698	2552	3492	4424	5217	5758	6017	6166
55	55	127	302	607	1154	1857	2643	3420	4063	4455	4608	4686
60	20	49	134	309	702	1255	1886	2508	3001	3254	3329	3363
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	205	438	810	1293	1979	2774	3632	4480	5226	5787	6132	6375

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