

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 190 ft. Lat: 28.3378° N Lon: 82.2600° W
Station: SAINT LEO, FL US USC00087851

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	70.0	49.4	59.7	2.8	3.7	3.1	195.7	154.5	101.3	37.7	6.6	2.0	49.9	70.6	110.5	201.8	0.0	0.0	30.7	0.0	1.5	0.0
02	73.2	52.0	62.6	3.6	3.7	3.6	235.4	190.2	130.7	55.6	13.7	5.6	22.6	33.4	58.0	122.8	0.0	0.0	28.0	0.0	0.5	0.0
03	77.5	55.3	66.4	3.4	3.5	3.3	361.0	303.9	223.5	109.6	32.6	15.5	7.6	12.5	25.1	66.2	0.0	0.6	31.0	0.0	0.1	0.0
04	82.6	60.3	71.4	2.2	2.6	2.3	493.8	434.1	345.5	205.0	87.0	52.2	0.3	0.6	2.0	11.5	0.0	4.2	30.0	0.0	0.0	0.0
05	87.7	65.7	76.7	1.6	2.1	1.6	672.7	610.7	517.8	363.2	212.0	154.9	0.0	0.0	0.1	0.6	0.0	16.6	31.0	0.0	0.0	0.0
06	89.4	71.0	80.2	1.8	1.4	1.4	756.0	696.0	606.0	456.0	306.0	246.0	0.0	0.0	0.0	0.0	0.2	20.4	30.0	0.0	0.0	0.0
07	90.1	72.6	81.3	1.2	0.8	0.9	816.8	754.8	661.8	506.8	351.8	289.9	0.0	0.0	0.0	0.0	0.0	24.1	31.0	0.0	0.0	0.0
08	90.0	72.8	81.4	1.2	1.1	1.0	818.4	756.4	663.4	508.4	353.4	291.4	0.0	0.0	0.0	0.0	0.0	24.2	31.0	0.0	0.0	0.0
09	88.4	71.1	79.8	1.2	1.1	1.0	742.4	682.4	592.4	442.4	292.8	233.5	0.0	0.0	0.0	0.0	0.0	18.9	30.0	0.0	0.0	0.0
10	83.4	64.9	74.1	1.8	2.7	2.1	593.9	532.2	440.5	291.4	155.3	108.5	0.3	0.6	1.9	7.8	0.0	5.1	31.0	0.0	0.0	0.0
11	76.6	57.0	66.8	2.1	3.1	2.5	359.8	304.4	226.0	112.7	36.0	18.7	5.7	10.4	22.0	58.7	0.0	0.1	30.0	0.0	0.0	0.0
12	72.0	52.2	62.1	3.5	4.5	3.9	252.5	205.3	141.5	60.0	13.5	5.1	32.4	47.2	76.4	149.9	0.0	0.0	30.8	0.0	0.6	0.0
Summary	81.7	62.0	71.9	2.2	2.5	2.2	6298	5625	4650	3149	1861	1423	119	175	296	619	0.2	114.2	364.5	0.0	2.7	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	3.06	7.8	4.8	2.2	1.0	2.01	3.21	3.77	
02	2.38	7.4	4.3	1.5	0.5	1.08	1.76	3.02	
03	3.18	6.8	4.2	2.0	1.1	1.09	1.77	5.47	
04	3.06	6.3	4.0	2.2	1.1	1.62	2.87	4.25	
05	2.98	7.0	4.3	2.3	0.9	1.24	2.01	3.99	
06	8.34	14.8	11.0	5.4	2.9	5.11	7.67	10.66	
07	8.10	17.2	12.1	5.7	2.3	6.23	7.94	9.82	
08	8.28	17.8	12.8	5.8	2.5	6.43	8.16	10.08	
09	6.63	13.0	8.5	3.6	2.0	3.12	5.94	9.29	
10	3.06	7.6	4.5	1.9	0.9	1.55	2.86	4.40	
11	1.86	5.8	3.3	1.3	0.4	0.85	1.60	2.28	
12	2.53	7.0	3.6	1.8	0.8	1.02	1.43	2.26	
Summary	53.46	118.5	77.4	35.7	16.4	31.35	47.22	69.29	

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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	611.8	632.9	818.4	943.5	1137.7	1206.0	1281.9	1283.4	1192.5	1058.6	804.0	685.6
45	462.0	494.4	663.7	793.5	982.7	1056.0	1126.9	1128.4	1042.5	903.6	654.0	533.1
50	320.0	359.8	510.6	643.6	827.7	906.0	971.9	973.4	892.5	748.7	504.7	385.5
55	195.7	235.4	361.0	493.8	672.7	756.0	816.8	818.4	742.4	593.9	359.8	252.5
60	101.3	130.7	223.5	345.5	517.8	606.0	661.8	663.4	592.4	440.5	226.0	141.5
Growing Degree Units for Corn (Monthly)												
50/86	368.1	391.3	527.8	635.5	785.7	848.9	904.7	907.1	846.8	737.2	519.2	421.6

Growing Degree Units (Accumulated Monthly)												
40	612	1245	2063	3007	4144	5350	6632	7916	9108	10167	10971	11656
45	462	956	1620	2414	3396	4452	5579	6708	7750	8654	9308	9841
50	320	680	1190	1834	2662	3568	4540	5513	6405	7154	7659	8044
55	196	431	792	1286	1959	2715	3531	4350	5092	5686	6046	6298
60	101	232	456	801	1319	1925	2587	3250	3842	4283	4509	4650
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	368	759	1287	1923	2708	3557	4462	5369	6216	6953	7472	7894

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