

Jefferson County Climate Data

Weather observations at UF/IFAS Research Center, US 90 3 miles west of Monticello

Latitude: 30 Deg 32 Min N

Longitude: 83 Deg 55 Min N

Elevation: 148 feet, mean sea level

Monticello, FL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Temperature Normals (F)	49.2	52.2	59.6	66.0	72.6	78.2	80.1	79.6	76.3	66.8	58.8	52.0	66.0
Normal Max	61.4	64.8	72.1	78.8	85.0	89.7	90.7	90.2	87.2	80.0	71.9	64.7	78.0
Normal Min	37.0	39.5	47.0	53.0	60.1	66.8	69.4	69.0	65.3	53.5	45.7	39.3	53.8
Record High (1951-80)	83	88	92	94	106	105	102	104	102	95	91	83	106
Record Low (1951-80)	10	14	18	33	38	47	54	58	36	28	13	7	7
Mean # Days Max above 90	0	0	0	1	8	18	21	20	12	2	0	0	82
Mean # Days Min below 32	10	8	2	0	0	0	0	0	0	0	4	10	34
Precipitation Normals (inches)	4.92	5.14	5.23	3.82	4.13	5.63	6.68	6.12	4.04	2.62	3.36	4.61	56.30
Greatest Monthly (1951-80)	10.85	8.36	11.93	13.02	9.78	11.17	17.58	9.23	23.35	11.77	9.61	11.35	23.35
Greatest Daily (1951-80)	2.98	4.73	3.76	6.80	4.41	4.88	4.85	2.98	7.41	3.68	4.36	5.40	7.41
Mean (50%) freeze dates November 16 March 9	Temperature and Precipitation Normals, 1961-90; Extremes, 1951-80												
10% chance of freeze on or before October 30 on or after March 27	Source: National Climate Data Center, NOAA												

Many deciduous fruit trees have a dormancy requirement which is based on fall and winter chill. Select cultivars or varieties which will produce under local chilling conditions.

Cumulative Chill Hours				
Nov 1 through	Nov 30	Dec 31	Jan 31	Feb 15
average	121	342	591	700
minimum	12	183	305	318
maximum	228	551	969	1152

Hours of cumulative chill, 41 years observations UF/IFAS Research Center - NFFREC/Monticello

[FAWN](#) offers a "Chill Calculator" to compare annual accumulated chill to these long term normals. For dormancy breaking chill, use the time period Nov 1 through Feb 15, and temperatures below 45oF.