

## WADDELL: CITRUS AGRICULTURAL CENTER JANUARY NORMALS

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	68	41	53	70	28	49	31	271	53	3.2	4	4	0.09
2	67	40	52	72	28	49	31	246	53	3.3	4	8	0.08
3	66	41	52	76	33	55	33	235	53	3.2	4	12	0.07
4	65	40	51	77	42	60	33	228	53	2.8	3	15	0.07
5	64	42	52	76	40	58	34	218	53	3.8	3	18	0.07
6	63	41	51	76	40	57	33	238	53	3.8	3	20	0.08
7	64	38	50	72	37	56	31	268	52	3.1	3	23	0.08
8	67	37	50	77	30	54	30	283	52	3.4	4	27	0.09
9	66	37	50	71	34	55	30	271	52	2.9	4	30	0.08
10	67	40	52	73	37	56	32	253	53	2.7	4	34	0.08
11	68	41	53	74	32	55	33	273	53	3.2	4	38	0.09
12	65	40	52	74	36	55	32	261	53	4.2	4	42	0.09
13	68	40	53	75	37	58	34	282	53	3.2	4	46	0.09
14	69	41	53	75	32	54	33	294	54	3.3	5	51	0.10
15	67	39	52	75	31	53	31	259	53	3.0	4	55	0.08
16	67	41	53	74	33	54	33	274	54	3.2	4	59	0.09
17	68	42	53	75	34	55	33	268	54	4.2	5	64	0.10
18	68	41	53	69	34	51	32	285	53	3.5	5	68	0.09
19	68	39	52	70	29	49	31	313	53	3.0	5	73	0.10
20	67	41	53	72	29	51	32	294	53	3.1	4	77	0.10
21	68	41	53	73	29	51	32	301	54	3.4	4	81	0.10
22	67	41	53	73	26	49	31	292	54	3.2	4	85	0.10
23	69	39	52	75	24	49	30	315	54	2.9	5	90	0.10
24	71	40	54	71	23	45	30	318	55	3.1	5	95	0.11
25	70	41	54	72	25	46	31	280	54	3.3	5	100	0.10
26	68	41	53	75	30	52	33	293	55	3.3	4	105	0.10
27	68	41	53	74	31	54	33	289	55	3.0	5	109	0.09
28	69	40	53	72	27	50	31	328	55	3.3	4	114	0.11
29	68	38	53	72	26	46	29	342	54	3.7	4	118	0.12
30	69	41	54	62	22	40	27	331	55	3.8	5	123	0.12
<u>31</u>	<u>70</u>	<u>41</u>	<u>54</u>	<u>66</u>	<u>22</u>	<u>41</u>	<u>29</u>	<u>316</u>	<u>55</u>	<u>3.3</u>	<u>5</u>	<u>128</u>	<u>0.11</u>
AVG	67	40	53	73	31	52	32	281	54	3.3	4		
SUM											128		2.87

PPT= 1.39

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
FEBRUARY NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	69	42	55	71	28	50	32	315	56	3.6	5	133	0.11
2	70	41	55	72	26	48	31	331	56	3.4	5	138	0.11
3	73	41	55	70	24	45	31	348	56	3.4	6	144	0.12
4	73	44	57	70	24	45	33	311	57	3.7	6	151	0.12
5	71	43	56	71	28	49	34	332	57	3.6	6	156	0.12
6	70	43	56	71	27	48	33	358	57	4.2	6	162	0.13
7	69	43	56	75	31	50	34	309	57	3.4	6	167	0.11
8	68	45	56	75	41	59	37	265	57	3.2	5	172	0.09
9	70	44	56	76	33	56	36	355	58	3.4	6	178	0.12
10	70	42	56	75	30	51	35	369	57	3.5	5	184	0.13
11	70	42	56	75	28	50	33	355	57	3.5	5	189	0.12
12	70	43	56	74	26	49	33	341	57	3.6	6	194	0.12
13	69	44	55	77	33	54	35	317	57	4.2	5	199	0.11
14	68	42	55	74	36	54	34	326	57	3.7	5	204	0.11
15	70	42	55	69	30	50	32	380	57	3.5	6	210	0.13
16	71	43	56	68	27	47	32	359	57	3.0	6	216	0.12
17	70	44	57	67	29	48	33	354	58	3.8	6	222	0.13
18	70	44	57	76	25	48	34	379	58	3.8	6	227	0.13
19	71	44	57	68	27	47	33	374	59	4.4	6	233	0.14
20	72	44	58	70	28	47	34	374	59	4.1	7	240	0.14
21	73	44	58	71	29	51	35	371	60	3.6	7	247	0.13
22	73	44	58	70	26	48	32	411	60	3.8	6	254	0.15
23	74	44	58	60	20	40	29	424	60	4.0	7	261	0.16
24	73	44	58	60	21	37	28	406	60	4.5	7	268	0.16
25	73	43	58	66	21	40	29	391	60	3.6	7	275	0.15
26	73	45	58	66	24	43	32	391	61	3.7	7	282	0.15
27	72	45	59	75	24	46	33	396	61	3.9	7	289	0.15
28	70	45	58	74	34	54	35	377	61	3.8	6	295	0.13
AVG	71	43	57	71	28	48	33	358	58	3.7	6		
SUM											168		3.59

PPT= 1.33

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
MARCH NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	71	45	58	73	29	50	35	409	61	3.9	6	302	0.14
2	72	45	58	74	30	53	35	399	61	3.6	6	308	0.14
3	73	45	59	74	27	50	35	426	61	3.8	7	315	0.15
4	74	47	60	71	26	47	35	433	62	4.2	8	323	0.17
5	73	46	60	70	27	48	35	412	63	4.3	7	330	0.16
6	73	47	60	66	27	44	34	430	63	4.6	7	337	0.17
7	71	45	58	70	27	48	33	407	62	4.1	6	343	0.15
8	74	44	58	70	28	49	34	459	61	3.2	7	350	0.16
9	77	45	61	67	26	44	33	449	63	3.2	8	359	0.17
10	76	47	62	63	21	40	32	455	63	3.8	9	368	0.18
11	75	46	61	63	23	43	32	447	63	4.4	8	376	0.18
12	75	45	61	67	22	42	32	507	64	4.2	8	384	0.20
13	76	46	61	67	19	39	32	474	64	4.1	8	392	0.18
14	75	46	61	66	20	42	32	449	64	3.6	8	400	0.17
15	77	45	61	70	22	44	33	479	64	3.7	9	409	0.19
16	76	47	62	72	24	46	36	499	65	3.9	9	418	0.20
17	78	48	63	71	23	44	35	482	65	3.8	10	428	0.19
18	80	48	64	64	19	40	34	519	66	3.6	11	438	0.21
19	81	48	65	64	19	39	33	515	66	3.8	11	449	0.21
20	82	51	66	59	18	37	33	489	67	3.9	12	462	0.20
21	80	49	65	63	21	40	34	505	67	3.6	11	473	0.20
22	81	48	65	59	18	36	32	525	67	3.8	11	484	0.21
23	80	47	65	57	18	34	31	544	68	4.5	10	494	0.23
24	81	48	66	58	16	33	31	554	68	4.4	11	505	0.23
25	79	48	65	63	19	35	33	521	68	4.4	10	516	0.22
26	75	49	62	69	29	47	35	431	66	4.5	8	524	0.17
27	75	47	62	74	29	49	36	478	65	4.4	8	532	0.18
28	75	47	62	70	29	47	36	508	65	4.8	8	541	0.20
29	75	47	61	71	26	47	35	552	65	4.4	8	549	0.21
30	79	47	63	66	19	41	33	571	66	4.0	10	559	0.22
<u>31</u>	<u>78</u>	<u>50</u>	<u>64</u>	<u>63</u>	<u>20</u>	<u>39</u>	<u>33</u>	<u>550</u>	<u>67</u>	<u>4.5</u>	<u>10</u>	<u>569</u>	<u>0.22</u>
AVG	76	47	62	67	23	43	34	480	65	4.0	9		
SUM											273		5.80

PPT= 1.06

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langley's/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
APRIL NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	76	48	63	70	24	43	35	503	67	4.4	9	578	0.20
2	77	47	62	69	21	44	34	545	67	4.4	9	587	0.21
3	79	48	65	67	21	40	34	565	68	4.2	11	597	0.23
4	80	51	66	64	21	39	35	533	68	4.1	12	609	0.22
5	81	52	67	64	19	38	34	562	69	4.4	12	621	0.24
6	83	51	68	62	16	35	33	605	70	4.3	12	633	0.26
7	83	51	69	60	16	32	33	585	71	4.5	13	646	0.25
8	83	51	69	54	14	30	31	600	72	4.5	13	659	0.26
9	83	50	69	49	13	25	28	628	72	5.4	12	671	0.29
10	82	50	67	51	13	28	28	612	72	5.0	12	683	0.27
11	83	50	67	54	13	28	28	625	72	4.6	12	696	0.27
12	83	50	68	51	14	27	29	598	72	4.6	12	708	0.26
13	83	52	69	48	14	26	29	620	73	4.8	13	721	0.28
14	84	52	69	51	13	25	30	620	73	4.6	13	735	0.27
15	83	50	68	47	14	26	28	574	72	4.1	13	747	0.25
16	84	52	69	47	16	27	30	609	72	4.6	14	761	0.27
17	84	52	70	50	17	29	31	584	72	4.4	14	774	0.26
18	85	55	71	51	17	30	33	597	73	4.8	15	789	0.27
19	86	55	71	45	17	28	31	615	73	4.6	15	804	0.27
20	88	53	73	42	13	23	29	643	74	4.7	15	819	0.30
21	86	55	72	46	15	27	31	601	74	5.2	15	835	0.28
22	86	54	72	50	17	31	34	645	74	5.0	15	850	0.29
23	86	54	72	46	15	27	32	660	74	5.2	15	865	0.30
24	84	54	71	46	15	26	31	658	74	5.8	14	878	0.30
25	86	54	72	49	15	27	32	673	75	5.0	15	893	0.30
26	89	55	74	48	12	24	31	684	75	4.6	16	909	0.31
27	91	56	75	43	12	22	31	666	76	4.8	17	926	0.32
28	89	57	75	35	11	19	28	675	77	5.7	17	944	0.33
29	88	56	74	36	12	20	28	693	76	5.0	17	960	0.32
<u>30</u>	<u>90</u>	<u>58</u>	<u>76</u>	<u>34</u>	<u>11</u>	<u>20</u>	<u>29</u>	<u>673</u>	<u>76</u>	<u>5.0</u>	<u>18</u>	<u>978</u>	<u>0.32</u>
AVG	84	52	70	51	15	29	31	615	72	4.7	14		
SUM											410		8.21

PPT= 0.31

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
MAY NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	89	56	75	34	12	19	27	680	76	5.5	17	995	0.33
2	89	56	75	30	11	18	26	706	77	4.8	17	1012	0.33
3	90	56	75	31	12	18	27	687	78	4.6	17	1029	0.32
4	92	57	77	37	11	20	29	708	79	5.0	18	1047	0.34
5	91	57	76	35	12	21	29	677	79	5.4	18	1065	0.33
6	90	57	76	34	12	20	28	679	79	4.5	17	1082	0.31
7	92	57	77	38	12	21	30	702	79	5.0	18	1100	0.33
8	93	60	78	37	12	21	31	696	80	5.2	19	1119	0.34
9	92	61	78	37	13	21	33	681	81	5.0	20	1139	0.33
10	92	61	78	38	13	22	33	709	81	5.3	20	1159	0.34
11	91	61	78	36	12	21	32	700	80	5.0	19	1178	0.33
12	93	61	79	37	11	20	32	702	81	4.7	20	1198	0.34
13	94	61	80	38	12	21	33	681	82	5.0	20	1218	0.33
14	94	62	80	37	11	21	32	710	82	5.2	21	1239	0.35
15	94	63	80	40	11	20	34	699	81	5.3	21	1260	0.34
16	93	62	79	40	12	23	33	689	80	4.8	20	1280	0.33
17	94	61	80	42	12	22	34	699	80	4.8	20	1300	0.34
18	95	63	81	36	11	19	33	705	82	5.0	22	1322	0.35
19	93	64	80	41	12	22	35	674	82	5.4	22	1343	0.34
20	94	61	80	40	12	22	33	666	82	4.7	21	1364	0.32
21	94	61	80	39	12	22	32	708	82	4.4	20	1384	0.34
22	95	61	81	31	10	17	29	733	83	4.7	21	1405	0.36
23	96	62	82	31	10	18	30	716	83	5.1	21	1426	0.36
24	93	63	81	37	12	20	32	686	83	5.4	21	1447	0.34
25	93	63	80	40	14	23	35	688	82	5.1	21	1468	0.34
26	94	63	80	40	13	23	35	710	83	4.7	21	1489	0.34
27	97	63	82	38	11	20	34	722	85	4.8	22	1511	0.35
28	96	64	83	36	11	19	34	694	85	4.8	22	1533	0.35
29	95	63	82	38	12	22	34	716	85	4.9	21	1555	0.35
30	96	63	82	33	10	18	32	709	84	4.8	22	1577	0.35
<u>31</u>	<u>97</u>	<u>65</u>	<u>83</u>	<u>31</u>	<u>10</u>	<u>17</u>	<u>32</u>	<u>745</u>	<u>85</u>	<u>5.2</u>	<u>22</u>	<u>1599</u>	<u>0.37</u>
AVG	93	61	79	37	12	20	32	699	81	5.0	20		
SUM											621		10.52

PPT= 0.17

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month
For Years 1987-2001			

## WADDELL: CITRUS AGRICULTURAL CENTER JUNE NORMALS

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	99	64	84	27	11	16	31	707	86	4.8	23	1622	0.36
2	99	65	84	33	10	18	33	739	85	4.8	23	1645	0.37
3	100	66	85	30	9	16	31	753	85	4.8	24	1668	0.38
4	99	66	85	28	10	16	31	748	85	5.1	23	1691	0.38
5	99	66	85	26	9	15	30	737	86	5.1	23	1715	0.38
6	98	65	84	30	10	16	31	741	86	4.9	23	1738	0.37
7	97	64	83	30	10	17	31	722	85	4.9	22	1760	0.36
8	97	65	84	32	10	17	32	745	85	4.6	22	1782	0.37
9	99	65	85	33	10	17	33	732	85	4.3	23	1805	0.36
10	100	67	86	29	10	17	31	731	86	4.7	24	1829	0.37
11	101	67	87	29	9	15	31	725	86	4.5	24	1854	0.37
12	101	68	87	28	9	15	32	727	87	5.2	25	1879	0.38
13	102	68	87	26	8	15	31	747	87	5.3	25	1904	0.39
14	102	68	87	26	9	15	30	758	87	5.1	25	1928	0.39
15	102	68	88	27	9	15	31	735	87	5.4	25	1953	0.39
16	101	68	87	29	9	16	32	734	88	5.0	25	1978	0.38
17	102	69	88	27	9	15	32	720	89	4.7	25	2003	0.37
18	104	69	89	26	9	15	31	727	89	4.6	25	2028	0.38
19	105	70	91	29	9	17	34	724	90	4.7	26	2054	0.38
20	104	71	90	33	11	19	37	685	90	4.8	26	2081	0.36
21	104	71	90	34	10	18	36	728	90	4.8	26	2107	0.38
22	104	69	89	33	10	17	34	721	89	4.7	25	2132	0.37
23	105	71	91	29	9	16	34	739	89	4.8	26	2159	0.39
24	106	71	92	29	8	15	34	745	91	4.9	27	2185	0.40
25	106	73	92	25	9	14	33	698	91	5.4	27	2212	0.39
26	107	72	93	25	9	15	33	741	91	5.3	27	2239	0.41
27	107	75	93	25	9	14	34	730	92	5.2	28	2266	0.40
28	106	74	92	31	11	17	38	702	91	5.1	27	2294	0.38
29	107	75	93	32	11	19	39	725	91	5.5	28	2321	0.40
30	107	75	94	33	10	18	40	727	91	5.5	28	2350	0.40
AVG	102	69	88	29	10	16	33	730	88	5.0	25		
SUM											750		11.43

PPT= 0.04

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month
<b>For Years 1987-2001</b>			

**WADDELL: CITRUS AGRICULTURAL CENTER  
JULY NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	107	76	93	34	10	19	40	728	92	5.1	28	2378	0.39
2	107	75	93	34	10	18	40	727	92	5.1	28	2406	0.39
3	107	75	93	38	11	21	42	736	92	5.2	28	2433	0.39
4	107	74	93	36	10	20	40	745	91	5.1	28	2461	0.40
5	106	75	92	38	13	22	43	711	91	5.0	28	2489	0.38
6	104	75	91	45	17	27	47	666	91	5.0	28	2517	0.35
7	105	76	91	54	18	33	51	660	92	4.9	28	2545	0.34
8	104	76	91	51	18	32	50	666	92	4.9	28	2573	0.34
9	104	76	91	51	16	30	50	668	92	4.8	28	2601	0.34
10	105	75	91	54	16	32	51	694	92	5.0	28	2629	0.35
11	103	75	90	57	20	35	53	640	92	4.6	28	2657	0.32
12	105	75	92	49	14	28	48	690	92	4.5	28	2685	0.35
13	106	76	92	43	14	26	47	671	92	4.3	28	2713	0.35
14	106	75	93	47	15	26	47	650	92	5.1	28	2741	0.35
15	104	75	91	48	19	31	48	655	92	4.8	28	2769	0.34
16	104	76	91	47	17	30	48	626	91	4.6	28	2797	0.32
17	105	75	92	54	13	29	50	669	92	4.8	28	2825	0.35
18	104	76	92	48	17	29	49	671	91	4.7	28	2853	0.35
19	105	75	92	51	15	29	50	689	92	4.6	28	2881	0.35
20	105	76	92	55	16	31	53	668	92	4.9	28	2910	0.34
21	104	77	92	53	17	30	53	658	93	5.1	28	2938	0.33
22	104	76	91	53	17	32	51	660	93	4.8	28	2966	0.32
23	105	75	92	48	16	28	50	666	93	4.5	28	2994	0.33
24	105	76	92	49	16	30	49	666	93	4.6	28	3022	0.32
25	107	76	93	52	15	30	51	671	94	4.8	28	3051	0.33
26	106	77	93	51	15	29	51	635	94	4.4	29	3079	0.32
27	106	78	93	48	15	27	50	648	93	4.8	29	3108	0.33
28	106	76	92	58	18	33	53	646	91	4.7	28	3136	0.32
29	105	78	92	57	19	34	55	599	92	4.5	29	3165	0.31
30	103	78	91	61	21	39	57	604	92	4.3	29	3194	0.30
31	105	79	93	55	20	34	56	644	93	4.5	29	3223	0.33
AVG	105	76	92	49	16	29	49	669	92	4.8	28		
SUM											874		10.64

PPT= 0.58

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

## WADDELL: CITRUS AGRICULTURAL CENTER AUGUST NORMALS

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	106	79	94	54	17	31	55	649	94	4.7	29	3252	0.34
2	106	78	93	57	18	35	56	654	94	4.4	29	3281	0.33
3	106	79	94	57	18	32	56	640	94	4.7	29	3311	0.33
4	106	78	93	62	19	35	57	637	93	4.7	29	3340	0.33
5	105	78	92	59	21	37	57	625	92	4.2	29	3369	0.31
6	105	77	92	63	17	36	56	634	93	4.4	29	3397	0.32
7	104	76	91	57	18	33	54	640	92	4.2	28	3425	0.32
8	103	75	90	63	19	37	55	598	90	3.9	28	3453	0.29
9	103	77	90	61	20	39	57	608	89	4.2	29	3482	0.30
10	104	78	91	67	20	38	59	605	90	4.1	29	3511	0.30
11	103	76	90	69	23	42	59	608	91	4.5	28	3539	0.30
12	103	76	90	70	21	42	59	627	92	4.2	28	3567	0.30
13	105	77	92	58	18	34	55	629	93	4.1	29	3595	0.32
14	103	76	90	66	23	41	57	555	92	4.5	28	3623	0.28
15	103	75	89	67	22	41	58	615	91	4.3	28	3651	0.30
16	104	76	91	63	20	38	58	615	91	4.1	28	3679	0.30
17	104	75	90	64	18	37	56	614	90	4.2	28	3707	0.30
18	104	76	90	64	18	37	57	608	90	4.0	28	3735	0.30
19	104	76	90	63	19	36	57	593	90	4.2	28	3763	0.30
20	103	76	91	60	20	37	56	605	91	4.0	28	3792	0.30
21	102	76	90	54	21	36	54	574	91	3.9	28	3820	0.29
22	102	75	89	64	20	38	56	562	91	3.7	28	3848	0.27
23	102	75	89	58	23	38	55	537	89	3.8	27	3875	0.26
24	102	74	88	66	23	41	57	566	88	4.1	27	3902	0.27
25	101	75	88	64	25	43	57	559	89	3.6	27	3929	0.26
26	101	75	88	64	23	41	57	547	90	3.6	28	3957	0.26
27	101	75	87	67	25	44	58	539	89	3.9	27	3984	0.25
28	103	75	89	67	22	41	58	575	90	3.6	28	4012	0.28
29	101	75	89	65	24	42	57	528	90	4.4	27	4039	0.26
30	101	75	88	66	25	43	59	563	90	4.0	28	4067	0.27
31	100	75	88	68	23	43	58	536	89	3.8	28	4094	0.26
AVG	103	76	90	63	21	38	57	595	91	4.1	28		
SUM											871		9.12

PPT= 1.35

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001



**WADDELL: CITRUS AGRICULTURAL CENTER  
SEPTEMBER NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	99	74	87	65	23	40	56	505	88	4.0	27	4121	0.25
2	100	73	87	72	21	42	57	535	88	3.9	27	4148	0.26
3	100	73	87	67	20	40	55	523	88	3.7	27	4175	0.25
4	99	72	86	66	23	43	55	524	88	3.9	26	4201	0.25
5	100	71	86	66	22	42	55	527	88	3.8	26	4227	0.25
6	100	72	86	64	20	39	54	546	88	3.8	26	4254	0.26
7	102	72	87	60	17	35	51	580	88	3.7	27	4280	0.28
8	103	72	88	53	13	29	47	578	88	3.6	27	4307	0.29
9	102	71	87	50	13	28	46	532	88	3.9	26	4333	0.27
10	101	71	87	55	18	33	50	534	88	4.0	26	4359	0.27
11	99	71	86	60	20	38	51	528	87	3.8	26	4385	0.26
12	100	71	86	62	17	34	50	557	86	3.7	26	4411	0.27
13	99	70	85	59	16	33	49	529	86	4.0	25	4436	0.26
14	98	69	84	53	18	32	47	545	86	3.8	25	4461	0.26
15	98	69	84	54	19	34	48	531	85	3.5	25	4485	0.24
16	99	70	85	56	18	33	49	526	85	3.7	25	4511	0.26
17	99	70	85	52	17	31	48	516	85	3.8	25	4536	0.26
18	98	70	84	55	18	34	48	498	85	3.7	25	4561	0.24
19	98	67	83	54	17	31	45	519	84	4.0	24	4585	0.25
20	97	66	82	59	19	34	47	515	83	3.7	23	4609	0.25
21	96	67	82	59	23	39	49	493	83	3.6	24	4633	0.23
22	97	67	82	63	19	37	49	502	83	3.7	24	4656	0.24
23	95	67	81	58	21	38	49	495	82	3.4	24	4680	0.23
24	95	68	82	58	19	36	48	483	83	3.5	24	4704	0.23
25	97	67	82	56	17	34	47	483	82	3.3	24	4728	0.23
26	98	68	83	53	15	31	44	502	82	3.6	24	4753	0.25
27	98	67	83	51	13	27	42	507	82	3.6	24	4777	0.25
28	99	66	83	47	14	26	41	502	81	3.5	24	4801	0.25
29	98	67	83	41	12	22	39	500	81	3.5	24	4825	0.25
30	97	67	82	41	12	23	39	476	80	3.8	24	4849	0.25
AVG	99	70	84	57	18	34	48	520	85	3.7	25		
SUM											754		7.57

PPT= 0.83

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
OCTOBER NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	96	65	81	41	15	26	38	457	80	3.7	22	4871	0.23
2	97	64	81	43	14	25	38	493	80	3.4	23	4894	0.24
3	96	65	80	50	15	28	41	481	80	3.7	23	4916	0.24
4	94	63	79	54	18	34	41	450	79	3.5	22	4938	0.21
5	94	64	79	49	16	30	40	477	79	3.8	21	4959	0.23
6	92	62	77	52	17	33	39	445	78	3.4	20	4980	0.21
7	92	61	77	49	16	30	37	452	78	3.7	20	5000	0.21
8	92	60	76	44	15	27	35	465	77	3.7	20	5019	0.22
9	92	60	76	40	15	26	34	466	77	3.5	20	5039	0.22
10	93	60	76	47	13	27	35	467	76	3.5	20	5059	0.22
11	91	59	75	41	14	24	33	431	75	3.6	19	5078	0.21
12	91	60	75	43	14	26	34	437	74	3.5	19	5097	0.21
13	91	58	75	45	15	27	35	447	74	3.5	19	5115	0.21
14	90	58	74	47	15	29	34	425	73	3.5	18	5133	0.20
15	89	57	73	49	16	31	35	438	73	3.5	17	5149	0.20
16	87	57	72	52	17	33	35	408	72	3.4	16	5166	0.18
17	88	57	72	50	17	31	35	443	72	3.5	17	5183	0.20
18	90	57	73	50	16	30	35	431	73	2.9	18	5200	0.19
19	88	57	72	49	17	31	36	403	73	3.5	17	5217	0.18
20	88	57	72	47	15	28	34	422	73	3.4	17	5234	0.19
21	87	57	71	61	20	37	40	349	72	3.2	17	5251	0.15
22	84	58	70	63	28	45	44	358	72	3.4	16	5267	0.15
23	85	57	70	67	27	46	43	382	72	3.1	16	5283	0.16
24	85	57	70	65	26	44	42	373	72	3.2	16	5298	0.16
25	85	55	69	59	22	39	39	393	71	3.3	15	5314	0.17
26	84	54	69	56	21	37	37	385	70	3.2	14	5328	0.16
27	82	55	68	59	25	40	39	341	69	3.6	14	5342	0.15
28	82	54	67	56	23	38	37	365	68	3.2	14	5355	0.15
29	82	54	67	58	22	38	36	364	68	3.4	14	5369	0.15
30	80	52	66	58	26	41	37	341	67	3.5	12	5381	0.14
<u>31</u>	<u>79</u>	<u>52</u>	<u>66</u>	<u>56</u>	<u>20</u>	<u>39</u>	<u>32</u>	<u>351</u>	<u>67</u>	<u>3.5</u>	<u>12</u>	<u>5392</u>	<u>0.15</u>
AVG	89	58	73	52	18	33	37	417	74	3.4	18		
SUM											544		5.92

PPT= 0.85

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

**WADDELL: CITRUS AGRICULTURAL CENTER  
NOVEMBER NORMALS**

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	80	50	65	57	23	40	35	360	67	3.3	11	5404	0.15
2	79	50	64	62	26	43	37	360	66	3.4	11	5414	0.15
3	79	51	65	59	21	38	34	360	66	3.9	11	5425	0.15
4	78	50	63	57	23	38	34	341	66	3.1	11	5436	0.14
5	78	48	62	60	25	42	34	325	65	2.9	10	5445	0.13
6	79	50	63	56	25	41	34	334	65	2.9	11	5456	0.13
7	78	48	62	60	22	41	34	349	64	2.7	10	5466	0.13
8	78	48	63	62	23	41	35	353	64	3.4	10	5476	0.14
9	78	49	63	61	23	41	35	336	64	3.3	10	5486	0.13
10	78	49	63	65	22	42	35	299	63	3.3	10	5496	0.12
11	76	49	62	69	26	47	37	304	63	3.3	9	5506	0.12
12	76	49	61	66	25	46	36	311	63	3.0	9	5515	0.12
13	76	48	61	64	26	45	35	324	63	3.0	9	5524	0.12
14	75	47	60	70	28	47	36	305	62	3.9	8	5533	0.12
15	74	46	59	66	22	42	32	328	61	4.0	8	5541	0.13
16	75	45	59	62	22	41	32	317	61	2.9	8	5549	0.12
17	74	44	58	63	22	40	31	314	60	2.8	7	5556	0.12
18	74	45	59	58	21	38	30	323	60	3.6	8	5564	0.13
19	74	43	58	56	19	35	28	317	59	3.4	7	5571	0.12
20	74	45	58	56	17	34	28	318	59	3.6	8	5579	0.13
21	73	43	58	59	22	39	30	308	59	3.0	7	5586	0.11
22	74	45	59	58	21	37	30	298	59	3.3	7	5593	0.12
23	74	44	59	52	20	33	28	315	59	4.0	7	5600	0.13
24	73	42	57	57	19	34	27	297	59	3.1	7	5607	0.12
25	71	43	56	58	24	39	27	275	58	3.3	6	5613	0.11
26	70	42	55	63	23	39	28	287	58	4.0	5	5618	0.11
27	69	40	54	59	18	36	25	313	57	3.8	5	5623	0.12
28	68	39	53	54	18	35	23	295	56	3.9	4	5627	0.11
29	69	40	54	59	21	37	25	297	56	3.6	5	5632	0.11
<u>30</u>	<u>69</u>	<u>41</u>	<u>54</u>	<u>60</u>	<u>27</u>	<u>42</u>	<u>28</u>	<u>265</u>	<u>56</u>	<u>3.3</u>	<u>5</u>	<u>5637</u>	<u>0.10</u>
AVG	75	46	60	60	23	40	31	318	61	3.4	8		
SUM											245		3.72

PPT= 0.58

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001

## WADDELL: CITRUS AGRICULTURAL CENTER DECEMBER NORMALS

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	70	41	55	64	24	43	29	296	56	3.4	5	5642	0.11
2	70	40	54	61	24	43	28	276	56	3.0	5	5647	0.10
3	70	41	55	64	22	42	28	286	56	3.4	5	5653	0.11
4	69	42	54	68	28	47	30	244	56	2.8	5	5657	0.09
5	69	43	55	63	32	49	31	255	55	3.0	5	5662	0.09
6	69	41	54	72	27	51	30	257	55	2.8	5	5667	0.09
7	69	41	54	72	32	53	33	275	55	2.9	5	5672	0.09
8	68	42	54	67	29	46	31	265	54	3.8	4	5676	0.10
9	68	39	53	67	26	45	29	285	54	3.2	4	5680	0.10
10	68	41	53	67	27	46	30	271	54	3.3	4	5684	0.09
11	66	40	52	71	32	52	31	261	54	3.6	4	5688	0.09
12	64	40	51	73	30	50	30	253	53	3.8	3	5691	0.09
13	65	37	50	71	28	51	28	280	53	2.9	3	5694	0.09
14	65	37	50	74	28	49	29	275	52	3.0	3	5698	0.09
15	65	37	50	73	27	50	28	247	52	3.0	3	5700	0.08
16	67	38	51	67	25	44	27	266	52	3.1	4	5704	0.09
17	67	38	51	65	26	45	27	253	52	2.8	4	5708	0.08
18	65	39	51	75	36	54	32	254	53	3.0	3	5711	0.08
19	64	38	50	80	38	58	33	238	52	3.0	3	5714	0.07
20	65	38	50	80	34	56	33	246	52	3.4	3	5717	0.07
21	63	37	49	78	32	54	30	244	52	3.3	2	5719	0.07
22	62	37	49	77	32	53	29	263	51	3.5	2	5722	0.08
23	62	35	48	71	28	50	26	249	51	3.6	2	5724	0.08
24	65	38	50	65	27	44	27	263	51	3.3	3	5727	0.09
25	64	36	49	71	27	47	26	258	51	3.2	3	5730	0.08
26	64	37	48	66	30	48	27	263	51	2.9	3	5733	0.08
27	64	36	49	67	29	49	27	266	51	2.6	3	5736	0.08
28	64	38	50	79	35	56	32	230	52	2.7	3	5739	0.07
29	64	40	52	74	40	57	33	231	53	2.9	3	5741	0.07
30	66	39	51	76	37	56	33	265	52	3.1	3	5745	0.08
<u>31</u>	<u>67</u>	<u>38</u>	<u>51</u>	<u>77</u>	<u>30</u>	<u>54</u>	<u>32</u>	<u>272</u>	<u>52</u>	<u>2.8</u>	<u>4</u>	<u>5748</u>	<u>0.08</u>
AVG	66	39	51	71	30	50	30	261	53	3.1	4		
SUM											111		2.63

PPT= 1.07

<b>TX:</b>	Maximum Air Temp., Deg. F	<b>SR:</b>	Solar Radiation, Langleys/Day
<b>TN:</b>	Minimum Air Temp., Deg. F	<b>PPT:</b>	Precipitation, In.
<b>TM:</b>	Mean Air Temp., Deg. F	<b>WS:</b>	Mean Wind Speed, MPH
<b>RHX:</b>	Maximum Relative Humidity, %	<b>HU:</b>	Heat Units (86F/55F)/Day
<b>RHN:</b>	Minimum Relative Humidity, %	<b>CHU:</b>	HU Accumulation Since 1 Jan.
<b>RHM:</b>	Mean Relative Humidity, %	<b>ETo:</b>	Ref. Evapotranspiration, In.
<b>TD:</b>	Mean Dew Point Temp., Deg. F	<b>AVG:</b>	Average for Month
<b>ST4:</b>	Mean Soil Temp., 4", Deg. F	<b>SUM:</b>	Total for Month

For Years 1987-2001