

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	20	5	12	70	28	49	0	11.4	12	1.4	2	2	2.3
2	20	4	11	72	28	49	-1	10.3	12	1.5	2	5	2.1
3	19	5	11	76	33	55	0	9.8	12	1.5	2	7	1.9
4	18	5	11	77	42	60	1	9.6	12	1.3	2	8	1.7
5	18	5	11	76	40	58	1	9.1	12	1.7	2	10	1.7
6	17	5	11	76	40	57	0	9.9	12	1.7	1	11	2.0
7	18	3	10	72	37	56	-1	11.2	11	1.4	2	13	2.0
8	19	3	10	77	30	54	-1	11.8	11	1.5	2	15	2.2
9	19	3	10	71	34	55	-1	11.4	11	1.3	2	17	2.1
10	19	4	11	73	37	56	0	10.6	11	1.2	2	19	2.0
11	20	5	12	74	32	55	1	11.4	12	1.4	2	21	2.3
12	19	4	11	74	36	55	0	10.9	12	1.9	2	23	2.3
13	20	5	11	75	37	58	1	11.8	12	1.4	2	26	2.2
14	20	5	12	75	32	54	0	12.3	12	1.5	3	28	2.5
15	19	4	11	75	31	53	-1	10.8	12	1.4	2	30	2.1
16	20	5	11	74	33	54	0	11.5	12	1.5	2	33	2.3
17	20	5	12	75	34	55	1	11.2	12	1.9	3	35	2.4
18	20	5	11	69	34	51	0	11.9	12	1.6	3	38	2.4
19	20	4	11	70	29	49	-1	13.1	12	1.4	3	41	2.6
20	20	5	12	72	29	51	0	12.3	12	1.4	2	43	2.5
21	20	5	12	73	29	51	0	12.6	12	1.5	2	45	2.6
22	20	5	12	73	26	49	-1	12.2	12	1.4	2	47	2.4
23	21	4	11	75	24	49	-1	13.2	12	1.3	3	50	2.6
24	21	4	12	71	23	45	-1	13.3	13	1.4	3	53	2.8
25	21	5	12	72	25	46	-1	11.7	12	1.5	3	56	2.5
26	20	5	12	75	30	52	1	12.3	13	1.5	2	58	2.4
27	20	5	12	74	31	54	0	12.1	13	1.3	3	61	2.4
28	20	4	12	72	27	50	-1	13.7	13	1.5	2	63	2.8
29	20	3	11	72	26	46	-1	14.3	12	1.6	2	65	3.0
30	21	5	12	62	22	40	-3	13.9	13	1.7	3	68	3.1
31	<u>21</u>	<u>5</u>	<u>12</u>	<u>66</u>	<u>22</u>	<u>41</u>	<u>-2</u>	<u>13.2</u>	<u>13</u>	<u>1.5</u>	<u>3</u>	<u>71</u>	<u>2.9</u>
AVG	20	5	11	73	31	52	0	11.8	12	1.5	2		
SUM											71		72.8

PPT= 35.2

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 1987-2001

WADDELL: CITRUS AGRICULTURAL CENTER FEBRUARY NORMALS

DAY	<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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	21	6	13	71	28	50	0	13.2	13	1.6	3	74	2.8
2	21	5	13	72	26	48	-1	13.9	13	1.5	3	77	2.9
3	23	5	13	70	24	45	-1	14.5	13	1.5	3	80	3.1
4	23	7	14	70	24	45	0	13.0	14	1.6	4	84	2.9
5	22	6	14	71	28	49	1	13.9	14	1.6	3	87	3.0
6	21	6	13	71	27	48	0	15.0	14	1.9	3	90	3.4
7	21	6	13	75	31	50	1	12.9	14	1.5	3	93	2.7
8	20	7	13	75	41	59	3	11.1	14	1.4	3	96	2.2
9	21	7	13	76	33	56	2	14.9	14	1.5	3	99	3.0
10	21	6	13	75	30	51	1	15.4	14	1.6	3	102	3.2
11	21	6	13	75	28	50	1	14.9	14	1.6	3	105	3.1
12	21	6	13	74	26	49	0	14.3	14	1.6	3	108	3.1
13	20	6	13	77	33	54	2	13.3	14	1.9	3	111	2.8
14	20	6	13	74	36	54	1	13.7	14	1.7	3	113	2.8
15	21	5	13	69	30	50	0	15.9	14	1.6	3	116	3.3
16	22	6	13	68	27	47	0	15.0	14	1.3	3	120	3.1
17	21	7	14	67	29	48	1	14.8	15	1.7	3	123	3.3
18	21	6	14	76	25	48	1	15.8	15	1.7	3	126	3.4
19	22	7	14	68	27	47	0	15.7	15	2.0	3	130	3.6
20	22	7	14	70	28	47	1	15.7	15	1.8	4	134	3.6
21	23	7	14	71	29	51	1	15.5	15	1.6	4	137	3.4
22	23	6	14	70	26	48	0	17.2	16	1.7	4	141	3.7
23	23	7	14	60	20	40	-2	17.7	16	1.8	4	145	4.1
24	23	7	15	60	21	37	-2	17.0	16	2.0	4	149	4.1
25	23	6	14	66	21	40	-2	16.4	16	1.6	4	153	3.7
26	23	7	15	66	24	43	0	16.4	16	1.6	4	157	3.7
27	22	7	15	75	24	46	1	16.6	16	1.7	4	161	3.8
28	<u>21</u>	<u>7</u>	<u>14</u>	<u>74</u>	<u>34</u>	<u>54</u>	<u>2</u>	<u>15.8</u>	<u>16</u>	<u>1.7</u>	<u>3</u>	<u>164</u>	<u>3.4</u>
AVG	22	6	14	71	28	48	1	15.0	14	1.7	3		
SUM											93		91.1

PPT= 33.9

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	22	7	14	73	29	50	1	17.1	16	1.8	3	168	3.6
2	22	7	14	74	30	53	2	16.7	16	1.6	3	171	3.4
3	23	7	15	74	27	50	2	17.8	16	1.7	4	175	3.9
4	23	8	16	71	26	47	2	18.1	17	1.9	4	179	4.2
5	23	8	15	70	27	48	2	17.3	17	1.9	4	183	4.0
6	23	8	16	66	27	44	1	18.0	17	2.1	4	187	4.3
7	21	7	14	70	27	48	0	17.0	17	1.8	3	191	3.8
8	23	6	14	70	28	49	1	19.2	16	1.4	4	195	4.1
9	25	7	16	67	26	44	1	18.8	17	1.4	5	199	4.3
10	25	8	17	63	21	40	0	19.1	17	1.7	5	204	4.5
11	24	8	16	63	23	43	0	18.7	17	2.0	4	209	4.5
12	24	7	16	67	22	42	0	21.2	18	1.9	5	213	5.0
13	24	8	16	67	19	39	0	19.8	18	1.8	5	218	4.7
14	24	8	16	66	20	42	0	18.8	18	1.6	5	222	4.3
15	25	7	16	70	22	44	1	20.1	18	1.6	5	227	4.7
16	25	8	17	72	24	46	2	20.9	18	1.8	5	232	5.0
17	25	9	17	71	23	44	2	20.2	18	1.7	5	238	4.9
18	27	9	18	64	19	40	1	21.7	19	1.6	6	244	5.3
19	27	9	18	64	19	39	1	21.6	19	1.7	6	250	5.2
20	28	10	19	59	18	37	1	20.5	19	1.8	7	256	5.2
21	27	10	18	63	21	40	1	21.1	19	1.6	6	263	5.1
22	27	9	18	59	18	36	0	22.0	20	1.7	6	269	5.4
23	27	9	18	57	18	34	-1	22.8	20	2.0	6	275	5.7
24	27	9	19	58	16	33	-0	23.2	20	1.9	6	281	5.9
25	26	9	18	63	19	35	0	21.8	20	2.0	6	286	5.6
26	24	9	17	69	29	47	2	18.0	19	2.0	5	291	4.2
27	24	8	17	74	29	49	2	20.0	19	2.0	5	296	4.7
28	24	8	17	70	29	47	2	21.3	19	2.1	5	300	5.1
29	24	8	16	71	26	47	2	23.1	19	2.0	5	305	5.3
30	26	8	17	66	19	41	0	23.9	19	1.8	5	310	5.7
31	<u>25</u>	<u>10</u>	<u>18</u>	<u>63</u>	<u>20</u>	<u>39</u>	<u>1</u>	<u>23.0</u>	<u>20</u>	<u>2.0</u>	<u>6</u>	<u>316</u>	<u>5.6</u>
AVG	25	8	17	67	23	43	1	20.1	18	1.8	5		
SUM											152		147.2

PPT= 27.0

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 1987-2001

WADDELL: CITRUS AGRICULTURAL CENTER APRIL NORMALS

DAY	<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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	25	9	17	70	24	43	2	21.1	19	2.0	5	321	5.1
2	25	8	17	69	21	44	1	22.8	19	2.0	5	326	5.4
3	26	9	18	67	21	40	1	23.7	20	1.9	6	332	5.8
4	27	10	19	64	21	39	1	22.3	20	1.8	6	338	5.6
5	27	11	19	64	19	38	1	23.5	20	2.0	7	345	6.0
6	28	10	20	62	16	35	0	25.3	21	1.9	7	352	6.5
7	29	10	20	60	16	32	1	24.5	22	2.0	7	359	6.4
8	29	11	20	54	14	30	0	25.1	22	2.0	7	366	6.7
9	28	10	20	49	13	25	-2	26.3	22	2.4	7	373	7.3
10	28	10	20	51	13	28	-2	25.6	22	2.2	7	380	6.9
11	28	10	20	54	13	28	-2	26.2	22	2.1	7	387	6.9
12	28	10	20	51	14	27	-1	25.0	22	2.1	7	393	6.7
13	28	11	21	48	14	26	-2	26.0	23	2.1	7	401	7.0
14	29	11	21	51	13	25	-1	25.9	23	2.1	7	408	6.9
15	28	10	20	47	14	26	-2	24.0	22	1.9	7	415	6.4
16	29	11	21	47	16	27	-1	25.5	22	2.1	8	423	6.9
17	29	11	21	50	17	29	0	24.4	22	2.0	8	430	6.6
18	29	13	22	51	17	30	1	25.0	23	2.1	8	438	6.8
19	30	13	22	45	17	28	0	25.7	23	2.0	8	447	7.0
20	31	12	23	42	13	23	-2	26.9	24	2.1	9	455	7.5
21	30	13	22	46	15	27	0	25.1	24	2.3	8	464	7.1
22	30	12	22	50	17	31	1	27.0	23	2.2	8	472	7.3
23	30	12	22	46	15	27	0	27.6	23	2.3	8	480	7.7
24	29	12	22	46	15	26	-1	27.5	24	2.6	8	488	7.7
25	30	12	22	49	15	27	0	28.2	24	2.2	8	496	7.6
26	32	13	23	48	12	24	0	28.6	24	2.1	9	505	7.9
27	33	13	24	43	12	22	0	27.9	25	2.2	10	515	8.1
28	32	14	24	35	11	19	-2	28.3	25	2.5	10	524	8.5
29	31	13	23	36	12	20	-2	29.0	24	2.2	9	534	8.2
30	<u>32</u>	<u>14</u>	<u>24</u>	<u>34</u>	<u>11</u>	<u>20</u>	<u>-2</u>	<u>28.2</u>	<u>24</u>	<u>2.2</u>	<u>10</u>	<u>544</u>	<u>8.2</u>
AVG	29	11	21	51	15	29	0	25.7	22	2.1	8		
SUM											228		208.6

PPT= 7.8

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month
For Years 1987-2001	

WADDELL: CITRUS AGRICULTURAL CENTER MAY NORMALS

DAY	<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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	32	13	24	34	12	19	-3	28.5	25	2.4	9	553	8.4
2	32	13	24	30	11	18	-3	29.6	25	2.2	9	562	8.4
3	32	13	24	31	12	18	-3	28.7	25	2.1	9	571	8.1
4	33	14	25	37	11	20	-1	29.6	26	2.2	10	582	8.5
5	33	14	25	35	12	21	-2	28.3	26	2.4	10	592	8.3
6	32	14	24	34	12	20	-2	28.4	26	2.0	10	601	8.0
7	33	14	25	38	12	21	-1	29.4	26	2.3	10	611	8.5
8	34	15	26	37	12	21	0	29.1	27	2.3	11	622	8.6
9	33	16	26	37	13	21	0	28.5	27	2.2	11	633	8.4
10	33	16	26	38	13	22	0	29.7	27	2.4	11	644	8.7
11	33	16	25	36	12	21	0	29.3	27	2.2	11	654	8.5
12	34	16	26	37	11	20	0	29.4	27	2.1	11	665	8.5
13	34	16	27	38	12	21	0	28.5	28	2.2	11	677	8.5
14	34	17	27	37	11	21	0	29.7	28	2.3	12	688	8.9
15	34	17	27	40	11	20	1	29.3	27	2.4	12	700	8.8
16	34	16	26	40	12	23	0	28.8	27	2.2	11	711	8.4
17	34	16	26	42	12	22	1	29.3	27	2.1	11	722	8.5
18	35	17	27	36	11	19	1	29.5	28	2.2	12	734	8.8
19	34	18	27	41	12	22	2	28.2	28	2.4	12	746	8.6
20	34	16	26	40	12	22	1	27.9	28	2.1	11	758	8.2
21	35	16	27	39	12	22	0	29.6	28	2.0	11	769	8.5
22	35	16	27	31	10	17	-2	30.7	29	2.1	11	781	9.1
23	35	17	28	31	10	18	-1	30.0	29	2.3	12	792	9.1
24	34	17	27	37	12	20	0	28.7	28	2.4	12	804	8.7
25	34	17	27	40	14	23	1	28.8	28	2.3	11	816	8.5
26	34	17	27	40	13	23	1	29.7	29	2.1	12	827	8.6
27	36	17	28	38	11	20	1	30.2	29	2.1	12	840	9.0
28	36	18	28	36	11	19	1	29.0	29	2.2	12	852	8.8
29	35	17	28	38	12	22	1	30.0	29	2.2	12	864	8.9
30	36	17	28	33	10	18	0	29.7	29	2.2	12	876	8.9
31	<u>36</u>	<u>18</u>	<u>29</u>	<u>31</u>	<u>10</u>	<u>17</u>	<u>0</u>	<u>31.2</u>	<u>29</u>	<u>2.3</u>	<u>12</u>	<u>888</u>	<u>9.5</u>
AVG	34	16	26	37	12	20	0	29.2	27	2.2	11		
SUM											332		257.6

PPT= 4.4

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month
For Years 1987-2001	

WADDELL: CITRUS AGRICULTURAL CENTER JUNE NORMALS

DAY	<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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	37	18	29	27	11	16	-1	29.6	30	2.2	13	901	9.1
2	37	18	29	33	10	18	0	30.9	30	2.1	13	914	9.4
3	38	19	30	30	9	16	0	31.5	29	2.2	13	927	9.7
4	37	19	30	28	10	16	-1	31.3	30	2.3	13	940	9.7
5	37	19	29	26	9	15	-1	30.9	30	2.3	13	953	9.7
6	36	18	29	30	10	16	-0	31.0	30	2.2	13	965	9.4
7	36	18	28	30	10	17	-1	30.2	30	2.2	12	978	9.2
8	36	18	29	32	10	17	0	31.2	30	2.1	12	990	9.3
9	37	18	29	33	10	17	0	30.6	30	1.9	13	1003	9.2
10	38	19	30	29	10	17	0	30.6	30	2.1	13	1016	9.4
11	38	19	30	29	9	15	0	30.3	30	2.0	14	1030	9.4
12	38	20	31	28	9	15	0	30.4	31	2.3	14	1044	9.7
13	39	20	31	26	8	15	-1	31.3	31	2.4	14	1058	10.0
14	39	20	31	26	9	15	-1	31.7	31	2.3	14	1071	10.0
15	39	20	31	27	9	15	0	30.8	31	2.4	14	1085	9.9
16	38	20	31	29	9	16	0	30.7	31	2.2	14	1099	9.7
17	39	21	31	27	9	15	0	30.2	32	2.1	14	1113	9.5
18	40	20	32	26	9	15	0	30.4	32	2.1	14	1127	9.6
19	41	21	33	29	9	17	1	30.3	32	2.1	14	1141	9.6
20	40	22	32	33	11	19	3	28.7	32	2.2	15	1156	9.2
21	40	21	32	34	10	18	2	30.5	32	2.2	15	1170	9.7
22	40	20	32	33	10	17	1	30.2	32	2.1	14	1185	9.5
23	41	22	33	29	9	16	1	30.9	32	2.1	15	1199	9.9
24	41	22	33	29	8	15	1	31.2	33	2.2	15	1214	10.1
25	41	23	33	25	9	14	0	29.2	33	2.4	15	1229	9.9
26	41	22	34	25	9	15	1	31.0	33	2.4	15	1244	10.3
27	42	24	34	25	9	14	1	30.6	33	2.3	15	1259	10.2
28	41	23	33	31	11	17	3	29.4	33	2.3	15	1274	9.7
29	42	24	34	32	11	19	4	30.3	33	2.4	16	1290	10.1
30	<u>42</u>	<u>24</u>	<u>34</u>	<u>33</u>	<u>10</u>	<u>18</u>	<u>5</u>	<u>30.4</u>	<u>33</u>	<u>2.5</u>	<u>16</u>	<u>1305</u>	<u>10.2</u>
AVG	39	20	31	29	10	16	1	30.5	31	2.2	14		
SUM											417		290.2

PPT= 1.1

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month
For Years 1987-2001	

WADDELL: CITRUS AGRICULTURAL CENTER JULY NORMALS

DAY	<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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	42	24	34	34	10	19	5	30.5	33	2.3	16	1321	10.0
2	42	24	34	34	10	18	5	30.4	33	2.3	15	1336	10.0
3	41	24	34	38	11	21	5	30.8	33	2.3	16	1352	10.0
4	42	23	34	36	10	20	4	31.2	33	2.3	15	1367	10.1
5	41	24	33	38	13	22	6	29.7	33	2.2	16	1383	9.5
6	40	24	33	45	17	27	9	27.9	33	2.2	15	1398	8.9
7	40	24	33	54	18	33	11	27.6	33	2.2	16	1414	8.6
8	40	24	33	51	18	32	10	27.9	33	2.2	16	1429	8.7
9	40	24	33	51	16	30	10	28.0	33	2.2	16	1445	8.7
10	40	24	33	54	16	32	10	29.0	34	2.2	16	1461	9.0
11	39	24	32	57	20	35	11	26.8	33	2.0	15	1476	8.2
12	41	24	33	49	14	28	9	28.9	33	2.0	16	1492	9.0
13	41	25	34	43	14	26	8	28.1	33	1.9	16	1507	8.8
14	41	24	34	47	15	26	8	27.2	33	2.3	16	1523	8.9
15	40	24	33	48	19	31	9	27.4	33	2.1	15	1538	8.7
16	40	24	33	47	17	30	9	26.2	33	2.0	16	1554	8.2
17	40	24	33	54	13	29	10	28.0	33	2.2	16	1570	8.8
18	40	25	33	48	17	29	9	28.1	33	2.1	16	1585	8.8
19	41	24	33	51	15	29	10	28.8	33	2.1	15	1601	8.9
20	40	25	33	55	16	31	12	28.0	33	2.2	16	1616	8.8
21	40	25	33	53	17	30	12	27.6	34	2.3	16	1632	8.3
22	40	24	33	53	17	32	11	27.6	34	2.1	16	1648	8.1
23	41	24	33	48	16	28	10	27.9	34	2.0	16	1663	8.3
24	41	24	33	49	16	30	10	27.9	34	2.0	16	1679	8.2
25	41	25	34	52	15	30	10	28.1	34	2.1	16	1695	8.4
26	41	25	34	51	15	29	10	26.6	34	2.0	16	1711	8.1
27	41	26	34	48	15	27	10	27.1	34	2.1	16	1727	8.3
28	41	24	33	58	18	33	11	27.0	33	2.1	16	1742	8.0
29	40	25	33	57	19	34	13	25.1	33	2.0	16	1758	7.9
30	40	25	33	61	21	39	14	25.3	33	1.9	16	1774	7.6
31	<u>41</u>	<u>26</u>	<u>34</u>	<u>55</u>	<u>20</u>	<u>34</u>	<u>13</u>	<u>27.0</u>	<u>34</u>	<u>2.0</u>	<u>16</u>	<u>1791</u>	<u>8.3</u>
AVG	41	24	33	49	16	29	9	28.0	33	2.1	16		
SUM											469		261.9

PPT= 14.9

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	41	26	34	54	17	31	13	27.1	34	2.1	16	1807	8.6
2	41	26	34	57	18	35	13	27.4	34	2.0	16	1823	8.4
3	41	26	34	57	18	32	13	26.8	34	2.1	16	1839	8.5
4	41	25	34	62	19	35	14	26.6	34	2.1	16	1855	8.3
5	40	25	33	59	21	37	14	26.2	34	1.9	16	1871	8.0
6	41	25	33	63	17	36	13	26.5	34	2.0	16	1887	8.1
7	40	24	33	57	18	33	12	26.8	33	1.9	16	1903	8.1
8	40	24	32	63	19	37	13	25.0	32	1.7	16	1919	7.4
9	40	25	32	61	20	39	14	25.5	32	1.9	16	1934	7.6
10	40	26	33	67	20	38	15	25.3	32	1.8	16	1950	7.6
11	40	24	32	69	23	42	15	25.5	33	2.0	15	1966	7.7
12	39	24	32	70	21	42	15	26.2	33	1.9	16	1982	7.6
13	41	25	33	58	18	34	13	26.3	34	1.8	16	1997	8.1
14	39	24	32	66	23	41	14	23.2	33	2.0	15	2013	7.1
15	39	24	32	67	22	41	15	25.7	33	1.9	15	2028	7.6
16	40	24	33	63	20	38	14	25.7	33	1.8	16	2044	7.7
17	40	24	32	64	18	37	13	25.7	32	1.9	16	2059	7.7
18	40	25	32	64	18	37	14	25.4	32	1.8	16	2075	7.6
19	40	24	32	63	19	36	14	24.8	32	1.9	16	2091	7.6
20	40	25	33	60	20	37	14	25.3	33	1.8	16	2106	7.6
21	39	25	32	54	21	36	12	24.0	33	1.8	16	2122	7.3
22	39	24	32	64	20	38	13	23.5	33	1.6	15	2138	6.9
23	39	24	32	58	23	38	13	22.5	32	1.7	15	2153	6.7
24	39	24	31	66	23	41	14	23.7	31	1.8	15	2168	7.0
25	38	24	31	64	25	43	14	23.4	32	1.6	15	2183	6.7
26	38	24	31	64	23	41	14	22.9	32	1.6	15	2198	6.7
27	38	24	31	67	25	44	15	22.6	32	1.7	15	2213	6.4
28	39	24	32	67	22	41	14	24.1	32	1.6	15	2229	7.0
29	38	24	31	65	24	42	14	22.1	32	1.9	15	2244	6.6
30	39	24	31	66	25	43	15	23.6	32	1.8	15	2259	6.9
31	<u>38</u>	<u>24</u>	<u>31</u>	<u>68</u>	<u>23</u>	<u>43</u>	<u>14</u>	<u>22.4</u>	<u>32</u>	<u>1.7</u>	<u>15</u>	<u>2275</u>	<u>6.6</u>
AVG	40	25	32	63	21	38	14	25.0	33	1.9	16		
SUM											469		225.1

PPT= 34.3

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	37	23	31	65	23	40	13	21.1	31	1.8	15	2290	6.3
2	38	23	31	72	21	42	14	22.4	31	1.7	15	2304	6.6
3	38	23	30	67	20	40	13	21.9	31	1.7	15	2319	6.3
4	37	22	30	66	23	43	13	21.9	31	1.7	15	2334	6.3
5	38	22	30	66	22	42	13	22.1	31	1.7	14	2348	6.4
6	38	22	30	64	20	39	12	22.9	31	1.7	15	2363	6.6
7	39	22	31	60	17	35	10	24.3	31	1.7	15	2378	7.2
8	39	22	31	53	13	29	8	24.2	31	1.6	15	2393	7.3
9	39	22	31	50	13	28	8	22.3	31	1.7	15	2407	6.9
10	38	22	30	55	18	33	10	22.3	31	1.8	15	2422	6.8
11	37	22	30	60	20	38	10	22.1	30	1.7	14	2436	6.5
12	38	21	30	62	17	34	10	23.3	30	1.7	14	2450	6.9
13	37	21	30	59	16	33	9	22.2	30	1.8	14	2465	6.7
14	37	20	29	53	18	32	8	22.8	30	1.7	14	2478	6.7
15	37	20	29	54	19	34	9	22.2	29	1.6	14	2492	6.0
16	37	21	29	56	18	33	9	22.0	29	1.6	14	2506	6.5
17	37	21	30	52	17	31	9	21.6	30	1.7	14	2520	6.5
18	37	21	29	55	18	34	9	20.8	29	1.6	14	2534	6.2
19	36	20	29	54	17	31	7	21.7	29	1.8	13	2547	6.4
20	36	19	28	59	19	34	8	21.6	28	1.7	13	2561	6.3
21	35	20	28	59	23	39	10	20.6	28	1.6	13	2574	5.8
22	36	19	28	63	19	37	9	21.0	28	1.7	13	2587	6.1
23	35	20	27	58	21	38	9	20.7	28	1.5	13	2600	5.8
24	35	20	28	58	19	36	9	20.2	28	1.6	13	2613	5.8
25	36	20	28	56	17	34	8	20.2	28	1.5	13	2627	5.8
26	37	20	28	53	15	31	7	21.0	28	1.6	14	2640	6.3
27	37	19	28	51	13	27	6	21.2	28	1.6	13	2654	6.3
28	37	19	28	47	14	26	5	21.0	27	1.6	13	2667	6.3
29	37	20	28	41	12	22	4	20.9	27	1.6	13	2680	6.4
30	<u>36</u>	<u>19</u>	<u>28</u>	<u>41</u>	<u>12</u>	<u>23</u>	<u>4</u>	<u>19.9</u>	<u>27</u>	<u>1.7</u>	<u>13</u>	<u>2694</u>	<u>6.2</u>
AVG	37	21	29	57	18	34	9	21.8	29	1.7	14		
SUM											419		192.2

PPT= 21.0

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	35	18	27	41	15	26	3	19.1	27	1.7	12	2706	5.8
2	36	18	27	43	14	25	3	20.6	27	1.5	13	2719	6.1
3	35	18	27	50	15	28	5	20.1	27	1.7	13	2731	6.0
4	34	17	26	54	18	34	5	18.8	26	1.6	12	2743	5.4
5	34	18	26	49	16	30	4	20.0	26	1.7	12	2755	5.8
6	34	17	25	52	17	33	4	18.6	26	1.5	11	2766	5.3
7	33	16	25	49	16	30	3	18.9	25	1.7	11	2778	5.5
8	33	16	25	44	15	27	2	19.5	25	1.6	11	2788	5.7
9	33	16	24	40	15	26	1	19.5	25	1.6	11	2799	5.7
10	34	16	25	47	13	27	2	19.6	25	1.6	11	2811	5.7
11	33	15	24	41	14	24	0	18.0	24	1.6	10	2821	5.3
12	33	16	24	43	14	26	1	18.3	24	1.5	11	2831	5.2
13	33	15	24	45	15	27	2	18.7	23	1.6	10	2842	5.4
14	32	14	23	47	15	29	1	17.8	23	1.6	10	2852	5.1
15	31	14	23	49	16	31	2	18.3	23	1.6	9	2861	5.0
16	31	14	22	52	17	33	2	17.1	22	1.5	9	2870	4.7
17	31	14	22	50	17	31	2	18.5	22	1.6	9	2879	5.1
18	32	14	23	50	16	30	2	18.0	23	1.3	10	2889	4.9
19	31	14	22	49	17	31	2	16.9	23	1.5	10	2899	4.7
20	31	14	22	47	15	28	1	17.7	23	1.5	9	2908	4.9
21	30	14	22	61	20	37	4	14.6	22	1.4	9	2917	3.9
22	29	15	21	63	28	45	6	15.0	22	1.5	9	2926	3.9
23	29	14	21	67	27	46	6	16.0	22	1.4	9	2935	4.0
24	29	14	21	65	26	44	6	15.6	22	1.4	9	2944	4.0
25	29	13	21	59	22	39	4	16.4	22	1.5	8	2952	4.2
26	29	12	20	56	21	37	3	16.1	21	1.4	8	2960	4.2
27	28	13	20	59	25	40	4	14.3	21	1.6	8	2968	3.7
28	28	12	20	56	23	38	3	15.3	20	1.5	8	2975	3.9
29	28	12	19	58	22	38	2	15.2	20	1.5	8	2983	3.9
30	27	11	19	58	26	41	3	14.3	20	1.5	7	2989	3.6
<u>31</u>	<u>26</u>	<u>11</u>	<u>19</u>	<u>56</u>	<u>20</u>	<u>39</u>	<u>0</u>	<u>14.7</u>	<u>19</u>	<u>1.6</u>	<u>6</u>	<u>2996</u>	<u>3.8</u>
AVG	31	15	23	52	18	33	3	17.5	23	1.5	10		
SUM											302		150.3

PPT= 21.5

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	27	10	18	57	23	40	2	15.1	19	1.5	6	3002	3.7
2	26	10	18	62	26	43	3	15.1	19	1.5	6	3008	3.7
3	26	11	18	59	21	38	1	15.1	19	1.7	6	3014	3.9
4	26	10	17	57	23	38	1	14.3	19	1.4	6	3020	3.5
5	25	9	17	60	25	42	1	13.6	18	1.3	5	3025	3.2
6	26	10	17	56	25	41	1	14.0	18	1.3	6	3031	3.4
7	26	9	17	60	22	41	1	14.6	18	1.2	6	3037	3.4
8	26	9	17	62	23	41	2	14.8	18	1.5	6	3042	3.5
9	25	9	17	61	23	41	2	14.1	18	1.5	6	3048	3.4
10	25	10	17	65	22	42	2	12.5	17	1.5	6	3053	3.0
11	24	10	17	69	26	47	3	12.7	17	1.5	5	3059	3.0
12	25	9	16	66	25	46	2	13.0	17	1.3	5	3064	3.0
13	25	9	16	64	26	45	2	13.6	17	1.3	5	3069	3.1
14	24	8	16	70	28	47	2	12.8	17	1.8	5	3074	3.0
15	24	8	15	66	22	42	0	13.7	16	1.8	4	3078	3.3
16	24	7	15	62	22	41	0	13.3	16	1.3	5	3083	3.0
17	23	7	15	63	22	40	-1	13.1	16	1.3	4	3087	3.0
18	23	7	15	58	21	38	-1	13.5	16	1.6	4	3091	3.2
19	23	6	15	56	19	35	-2	13.3	15	1.5	4	3095	3.2
20	23	7	15	56	17	34	-2	13.3	15	1.6	4	3099	3.3
21	23	6	14	59	22	39	-1	12.9	15	1.3	4	3103	2.9
22	23	7	15	58	21	37	-1	12.5	15	1.5	4	3107	3.0
23	23	7	15	52	20	33	-2	13.2	15	1.8	4	3111	3.4
24	23	6	14	57	19	34	-3	12.4	15	1.4	4	3115	2.9
25	22	6	13	58	24	39	-3	11.5	15	1.5	3	3118	2.7
26	21	5	13	63	23	39	-2	12.0	14	1.8	3	3121	2.8
27	21	4	12	59	18	36	-4	13.1	14	1.7	3	3124	3.0
28	20	4	12	54	18	35	-5	12.4	13	1.7	2	3126	2.9
29	21	4	12	59	21	37	-4	12.4	13	1.6	3	3129	2.9
30	<u>21</u>	<u>5</u>	<u>12</u>	<u>60</u>	<u>27</u>	<u>42</u>	<u>-2</u>	<u>11.1</u>	<u>13</u>	<u>1.5</u>	<u>3</u>	<u>3132</u>	<u>2.4</u>
AVG	24	8	15	60	23	40	0	13.3	16	1.5	5		
SUM											136		94.4

PPT= 14.6

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm.
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	21	5	13	64	24	43	-1	12.4	13	1.5	3	3135	2.7
2	21	5	12	61	24	43	-2	11.6	13	1.3	3	3137	2.5
3	21	5	13	64	22	42	-2	12.0	13	1.5	3	3140	2.7
4	21	5	12	68	28	47	-1	10.2	13	1.3	3	3143	2.2
5	20	6	12	63	32	49	-1	10.7	13	1.3	3	3146	2.2
6	20	5	12	72	27	51	-1	10.8	13	1.3	3	3148	2.2
7	20	5	12	72	32	53	0	11.5	13	1.3	3	3151	2.2
8	20	6	12	67	29	46	-1	11.1	12	1.7	2	3153	2.4
9	20	4	12	67	26	45	-2	11.9	12	1.5	2	3156	2.5
10	20	5	12	67	27	46	-1	11.3	12	1.5	2	3158	2.4
11	19	5	11	71	32	52	0	10.9	12	1.6	2	3160	2.3
12	18	4	11	73	30	50	-1	10.6	12	1.7	2	3162	2.2
13	18	3	10	71	28	51	-2	11.7	11	1.3	2	3164	2.2
14	18	3	10	74	28	49	-2	11.5	11	1.4	2	3165	2.2
15	18	3	10	73	27	50	-2	10.3	11	1.4	2	3167	1.9
16	19	4	11	67	25	44	-3	11.1	11	1.4	2	3169	2.3
17	19	3	11	65	26	45	-3	10.6	11	1.2	2	3171	2.1
18	18	4	10	75	36	54	0	10.6	12	1.3	2	3173	2.0
19	18	3	10	80	38	58	1	10.0	11	1.3	2	3175	1.8
20	18	3	10	80	34	56	0	10.3	11	1.5	2	3176	1.9
21	17	3	9	78	32	54	-1	10.2	11	1.5	1	3177	1.9
22	17	3	9	77	32	53	-2	11.0	11	1.6	1	3179	2.1
23	17	2	9	71	28	50	-4	10.4	10	1.6	1	3180	2.1
24	18	4	10	65	27	44	-3	11.0	11	1.5	2	3182	2.2
25	18	2	9	71	27	47	-3	10.8	11	1.4	2	3183	2.1
26	18	3	9	66	30	48	-3	11.0	10	1.3	2	3185	2.0
27	18	2	9	67	29	49	-3	11.1	10	1.2	2	3187	2.0
28	18	3	10	79	35	56	0	9.6	11	1.2	2	3188	1.8
29	18	4	11	74	40	57	1	9.7	12	1.3	2	3190	1.8
30	19	4	10	76	37	56	1	11.1	11	1.4	2	3192	2.0
<u>31</u>	<u>20</u>	<u>3</u>	<u>10</u>	<u>77</u>	<u>30</u>	<u>54</u>	<u>0</u>	<u>11.4</u>	<u>11</u>	<u>1.2</u>	<u>2</u>	<u>3194</u>	<u>2.1</u>
AVG	19	4	11	71	30	50	-1	10.9	12	1.4	2		
SUM											62		66.8

PPT= 27.2

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
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TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month
For Years 1987-2001	