

**YUMA VALLEY: YUMA 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	69	42	55	79	28	54	34	266	56	6.0	5	5	0.11
2	69	42	55	79	29	53	34	268	56	6.2	5	9	0.12
3	66	43	55	80	28	51	33	234	56	6.6	4	13	0.11
4	66	42	54	81	35	56	35	232	56	5.4	4	17	0.09
5	66	44	55	85	37	58	38	246	56	6.0	4	21	0.10
6	64	42	53	84	27	52	33	286	56	6.9	3	24	0.12
7	66	39	52	83	29	54	32	277	55	5.3	3	27	0.10
8	67	39	52	85	26	54	32	288	55	5.8	4	31	0.11
9	67	40	53	81	28	55	33	290	55	5.7	4	34	0.11
10	69	41	54	81	31	56	35	274	56	5.9	5	39	0.11
11	69	43	55	81	30	55	35	275	56	6.2	5	44	0.11
12	68	42	55	78	33	56	34	258	56	6.5	4	48	0.11
13	69	42	55	82	32	56	35	286	57	5.3	5	53	0.11
14	69	41	55	85	30	56	35	262	56	5.0	5	58	0.10
15	68	42	54	80	29	55	34	267	56	5.7	4	62	0.10
16	68	43	55	81	30	55	35	295	57	6.4	4	67	0.12
17	68	44	56	77	30	52	35	298	57	6.6	5	72	0.12
18	68	43	55	76	28	51	33	302	56	6.6	5	76	0.13
19	70	41	55	81	25	52	33	311	56	5.7	5	81	0.12
20	69	42	56	81	27	52	34	312	57	6.0	5	86	0.13
21	69	42	55	82	27	52	34	298	57	5.8	5	91	0.12
22	70	43	56	76	23	48	33	296	58	5.3	5	96	0.12
23	71	42	56	80	22	49	33	316	58	5.0	6	102	0.12
24	72	42	56	83	25	52	35	317	58	5.0	6	107	0.13
25	70	44	57	77	28	51	35	284	59	6.9	5	113	0.13
26	70	44	57	78	26	51	34	304	58	6.3	6	118	0.13
27	69	43	56	84	28	55	36	304	58	5.2	5	123	0.12
28	72	43	57	81	25	53	35	341	59	5.2	6	129	0.13
29	72	43	57	79	24	48	34	351	59	6.4	6	135	0.15
30	72	45	58	73	22	45	33	328	59	7.3	6	141	0.15
<u>31</u>	<u>71</u>	<u>44</u>	<u>57</u>	<u>76</u>	<u>26</u>	<u>50</u>	<u>35</u>	<u>322</u>	<u>59</u>	<u>5.9</u>	<u>6</u>	<u>147</u>	<u>0.13</u>
AVG	69	42	55	80	28	53	34	290	57	5.9	5		
SUM											147		3.67

PPT= 0.35

<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
<b>For Years 1987-2001</b>	

**YUMA VALLEY: YUMA 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	72	44	57	82	27	54	37	335	59	6.1	6	153	0.14
2	72	44	58	81	27	52	36	341	59	5.6	6	159	0.14
3	73	44	58	79	24	50	34	335	59	6.1	7	165	0.14
4	73	46	59	77	24	49	36	330	60	5.9	7	173	0.14
5	73	45	58	78	27	53	36	353	60	6.1	7	180	0.15
6	72	44	58	75	25	50	34	359	60	6.5	7	186	0.15
7	71	44	57	77	28	52	35	335	60	5.9	6	192	0.14
8	70	45	58	78	29	54	36	297	60	5.3	6	198	0.11
9	73	43	58	84	28	56	37	372	60	4.4	6	204	0.13
10	72	44	58	81	27	52	37	379	61	5.8	7	211	0.15
11	72	47	59	78	27	53	37	372	61	6.2	7	218	0.15
12	72	46	59	82	26	54	37	350	61	6.8	7	224	0.15
13	71	48	60	80	28	51	39	366	62	7.9	7	231	0.17
14	71	46	58	79	29	52	36	355	61	6.8	6	237	0.15
15	73	43	58	79	25	51	34	402	61	5.1	7	244	0.15
16	73	44	59	81	24	52	36	371	61	4.9	7	251	0.14
17	73	46	59	78	27	52	37	383	62	6.3	7	258	0.16
18	73	44	59	82	25	53	36	379	62	5.4	7	265	0.15
19	74	47	61	75	25	48	36	387	62	6.9	8	273	0.17
20	75	46	61	78	25	47	37	407	63	6.1	8	281	0.18
21	74	47	61	75	23	47	35	407	63	6.0	8	288	0.17
22	75	45	60	72	23	46	34	421	63	5.4	8	296	0.17
23	74	46	60	74	22	45	34	428	63	7.2	8	304	0.19
24	74	46	60	73	21	44	33	422	63	6.8	7	311	0.18
25	74	45	60	80	22	48	35	399	63	5.9	7	318	0.17
26	73	46	60	82	28	53	38	378	64	4.7	7	326	0.14
27	73	45	60	86	28	57	38	379	64	4.8	8	333	0.14
<u>28</u>	<u>75</u>	<u>47</u>	<u>60</u>	<u>83</u>	<u>24</u>	<u>52</u>	<u>38</u>	<u>430</u>	<u>64</u>	<u>4.9</u>	<u>8</u>	<u>341</u>	<u>0.17</u>
AVG	73	45	59	79	26	51	36	374	62	5.9	7		
SUM											195		4.31

PPT= 0.30

<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
<b>For Years 1987-2001</b>			

## YUMA VALLEY: YUMA 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	75	46	61	82	22	47	36	457	65	5.5	8	349	0.18
2	76	45	60	84	24	54	37	426	65	4.3	8	357	0.16
3	77	46	61	85	24	54	38	454	65	4.8	9	366	0.17
4	76	50	62	76	24	49	38	462	65	6.3	9	375	0.20
5	75	47	62	77	27	50	38	429	65	6.0	8	383	0.18
6	77	48	62	83	23	49	39	452	65	6.1	9	393	0.19
7	76	47	61	76	27	50	36	452	65	5.6	8	401	0.18
8	78	46	62	77	23	49	36	493	66	4.5	9	410	0.19
9	80	46	63	81	21	48	37	497	66	4.8	10	420	0.20
10	79	50	66	73	21	42	37	499	67	6.8	11	431	0.23
11	80	49	65	78	20	43	38	510	67	6.7	10	441	0.23
12	80	49	65	74	18	44	36	519	67	5.9	11	453	0.22
13	80	48	65	77	17	44	36	504	67	5.2	11	464	0.22
14	80	49	65	82	21	48	38	494	68	4.7	11	475	0.20
15	81	48	64	81	20	49	39	537	68	5.1	11	486	0.22
16	81	50	66	79	18	47	38	523	69	5.1	11	497	0.21
17	82	50	66	79	15	44	37	535	69	5.1	12	509	0.23
18	83	49	67	77	15	42	37	544	69	4.9	13	522	0.24
19	86	51	69	72	17	40	38	532	70	5.1	14	536	0.24
20	85	51	68	73	15	41	37	519	70	5.5	13	549	0.23
21	85	52	68	74	17	42	39	535	71	5.4	13	562	0.23
22	83	50	67	77	15	41	37	560	71	4.9	12	575	0.24
23	81	52	66	72	19	43	39	559	71	6.5	12	587	0.24
24	82	50	66	80	21	47	40	545	71	5.3	12	599	0.23
25	80	51	66	79	19	46	38	528	71	5.9	11	610	0.23
26	78	50	64	77	22	47	38	506	70	5.4	10	620	0.21
27	80	49	64	82	22	50	40	548	70	5.1	11	631	0.22
28	79	50	64	75	24	48	39	547	70	6.5	11	641	0.23
29	79	49	64	79	22	47	39	569	70	5.3	11	649	0.23
30	81	50	66	79	20	47	39	584	71	5.4	12	661	0.24
<u>31</u>	<u>81</u>	<u>51</u>	<u>66</u>	<u>77</u>	<u>19</u>	<u>44</u>	<u>39</u>	<u>591</u>	<u>71</u>	<u>5.8</u>	<u>12</u>	<u>672</u>	<u>0.25</u>
AVG	80	49	65	78	20	46	38	513	68	5.5	11		
SUM											334		6.67

PPT= 0.36

<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

**YUMA VALLEY: YUMA 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	80	50	65	78	20	47	38	546	71	5.8	11	683	0.23
2	79	50	65	80	20	47	39	555	70	5.6	11	694	0.23
3	80	50	66	81	23	48	40	563	71	5.4	11	705	0.23
4	81	51	66	76	22	46	40	606	71	6.1	12	717	0.25
5	82	52	68	76	19	42	39	592	72	6.0	13	730	0.26
6	84	52	69	78	19	44	40	621	73	5.6	13	743	0.27
7	84	52	69	77	18	44	40	582	73	5.1	13	756	0.25
8	86	53	70	74	15	41	39	622	73	5.6	14	770	0.27
9	84	55	70	65	13	35	35	628	73	8.1	14	784	0.30
10	85	52	69	67	13	35	35	640	73	6.1	14	797	0.29
11	86	50	69	76	13	39	36	637	74	5.0	13	811	0.28
12	85	53	69	77	16	41	39	583	75	5.4	14	825	0.26
13	84	53	70	71	14	38	36	607	74	5.5	14	839	0.27
14	85	52	69	78	14	41	38	627	74	5.4	14	852	0.27
15	85	53	69	72	15	40	37	610	74	5.8	14	866	0.27
16	86	54	70	75	15	41	39	596	74	5.3	15	881	0.26
17	88	53	71	79	17	43	42	627	74	5.0	15	896	0.27
18	87	55	72	78	16	42	42	622	75	5.8	16	912	0.28
19	87	56	72	69	15	37	40	630	76	5.9	16	928	0.29
20	89	55	73	73	16	39	40	632	76	6.0	16	944	0.29
21	88	57	73	75	18	40	43	616	76	6.3	17	961	0.29
22	89	56	73	76	17	41	42	657	76	5.9	17	977	0.30
23	88	56	72	74	16	38	41	658	76	7.1	16	994	0.31
24	86	56	71	67	15	38	39	660	76	7.5	15	1009	0.31
25	89	54	72	76	15	39	41	671	77	5.8	16	1025	0.30
26	91	55	74	77	13	40	41	674	78	4.7	17	1042	0.30
27	94	56	76	78	13	39	43	680	79	4.9	18	1060	0.31
28	90	57	75	75	14	36	42	671	79	6.5	17	1077	0.32
29	90	57	74	75	14	39	42	661	79	5.2	18	1095	0.30
<u>30</u>	<u>90</u>	<u>56</u>	<u>74</u>	<u>76</u>	<u>16</u>	<u>42</u>	<u>42</u>	<u>656</u>	<u>79</u>	<u>5.6</u>	<u>17</u>	<u>1112</u>	<u>0.30</u>
AVG	86	54	71	75	16	41	40	624	75	5.8	15		
SUM										440			8.32

PPT= 0.15

<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			

**YUMA VALLEY: YUMA 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	90	57	74	75	14	40	42	678	79	5.9	18	1130	0.31
2	92	56	75	74	13	38	42	687	79	5.0	18	1147	0.31
3	91	58	75	75	15	40	44	666	80	5.4	18	1166	0.30
4	93	58	76	72	14	38	42	678	80	5.9	19	1184	0.31
5	92	58	76	71	13	38	42	678	80	6.2	19	1203	0.32
6	92	57	75	72	13	38	41	682	80	5.8	18	1221	0.31
7	93	59	77	70	15	37	43	684	81	6.1	19	1239	0.32
8	94	60	78	70	15	37	44	698	82	5.6	20	1259	0.32
9	94	60	78	77	14	39	45	691	82	5.0	20	1279	0.32
10	94	60	77	76	15	40	45	688	82	5.8	20	1299	0.32
11	94	60	77	71	14	39	44	696	82	5.6	19	1318	0.32
12	95	61	79	73	14	37	45	690	83	5.5	20	1339	0.32
13	94	62	78	70	16	39	46	706	83	6.1	21	1359	0.33
14	94	62	79	69	15	38	45	708	83	5.6	21	1380	0.33
15	93	61	78	71	16	39	46	669	83	5.3	20	1400	0.31
16	93	61	78	74	15	40	46	696	83	6.0	20	1420	0.32
17	94	61	78	72	14	38	45	678	83	5.4	20	1440	0.31
18	96	61	79	71	14	38	45	687	83	4.9	21	1461	0.31
19	95	62	79	68	11	33	43	693	83	6.0	21	1482	0.34
20	94	62	79	67	13	35	43	680	83	5.7	21	1503	0.32
21	95	61	79	69	12	36	43	711	83	5.0	21	1524	0.33
22	96	61	80	70	12	36	44	705	84	5.3	21	1545	0.33
23	96	63	80	66	13	35	44	688	83	6.1	21	1566	0.34
24	93	63	78	65	15	37	45	697	83	6.6	21	1588	0.34
25	93	63	78	68	16	38	46	708	82	5.8	21	1609	0.33
26	94	63	79	68	16	38	46	715	83	5.5	21	1630	0.33
27	96	63	80	68	13	35	45	712	83	5.4	22	1652	0.34
28	96	63	80	72	14	37	46	698	84	5.3	22	1674	0.33
29	97	62	80	68	13	34	45	717	84	5.6	21	1695	0.34
30	97	62	81	66	10	33	43	724	84	4.8	22	1717	0.34
<u>31</u>	<u>99</u>	<u>64</u>	<u>82</u>	<u>65</u>	<u>10</u>	<u>31</u>	<u>44</u>	<u>733</u>	<u>85</u>	<u>4.7</u>	<u>23</u>	<u>1739</u>	<u>0.35</u>
AVG	94	61	78	71	14	37	44	695	82	5.6	20		
SUM											627		10.07

PPT= 0.05

<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			



## YUMA VALLEY: YUMA 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	73	91	54	10	28	48	718	91	5.7	27	2494	0.38
2	107	72	91	63	11	32	51	705	91	5.6	27	2521	0.37
3	106	72	90	63	12	34	51	702	91	6.0	27	2548	0.37
4	106	71	90	64	13	33	50	734	90	5.5	27	2575	0.38
5	106	72	90	67	14	37	53	693	91	5.0	27	2602	0.35
6	105	74	90	69	19	41	57	684	91	6.0	28	2629	0.35
7	105	75	90	71	20	43	60	668	92	5.5	28	2657	0.34
8	106	74	91	69	18	39	57	690	92	5.9	28	2685	0.36
9	105	76	90	68	20	40	59	671	92	5.8	28	2713	0.35
10	104	76	91	68	20	40	60	672	93	5.6	28	2742	0.34
11	105	76	91	63	17	38	56	663	93	5.8	28	2770	0.34
12	106	74	91	64	16	37	54	698	93	5.1	28	2797	0.35
13	106	75	91	66	16	36	56	660	94	4.6	28	2825	0.33
14	107	76	92	64	15	35	55	671	94	5.5	28	2854	0.35
15	105	77	91	65	17	36	56	621	93	5.6	29	2882	0.33
16	106	74	91	63	16	36	55	671	92	5.5	28	2910	0.35
17	106	76	91	65	15	37	56	680	92	5.7	28	2938	0.36
18	106	74	91	63	17	36	55	646	92	5.4	28	2966	0.34
19	106	75	91	67	17	38	57	688	92	5.5	28	2994	0.35
20	106	76	92	61	19	37	58	668	93	6.6	28	3022	0.36
21	103	78	90	67	22	42	59	595	93	6.3	29	3051	0.32
22	105	75	90	72	19	41	58	674	93	5.1	28	3079	0.34
23	105	75	91	73	20	42	60	670	94	5.6	28	3107	0.34
24	107	76	92	70	17	38	58	693	94	5.4	28	3135	0.36
25	108	76	93	65	15	37	57	695	94	5.5	28	3164	0.37
26	108	76	93	63	16	36	57	662	94	5.2	29	3192	0.35
27	107	77	93	69	20	40	61	651	94	5.1	29	3221	0.34
28	107	77	92	71	20	42	60	644	93	6.2	28	3250	0.34
29	106	79	92	69	21	44	61	634	92	5.8	29	3277	0.33
30	106	77	92	68	20	43	61	634	92	5.7	29	3306	0.33
<u>31</u>	<u>108</u>	<u>78</u>	<u>93</u>	<u>71</u>	<u>17</u>	<u>40</u>	<u>60</u>	<u>677</u>	<u>93</u>	<u>5.0</u>	<u>29</u>	<u>3334</u>	<u>0.34</u>
AVG	106	75	91	66	17	38	57	672	92	5.6	28		
SUM											869		10.82

PPT= 0.17

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

## YUMA VALLEY: YUMA 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	108	79	94	68	20	40	62	650	94	6.1	29	3364	0.35
2	108	81	94	71	21	44	65	652	94	6.0	30	3394	0.34
3	108	80	94	66	20	40	62	638	94	5.6	30	3423	0.34
4	108	80	94	67	19	39	61	643	94	5.5	30	3453	0.34
5	107	80	94	71	23	44	65	633	94	5.5	30	3483	0.33
6	107	80	93	68	21	42	63	638	94	6.1	30	3512	0.34
7	106	79	92	70	21	42	63	645	94	6.4	29	3542	0.35
8	106	79	92	69	23	44	64	604	94	6.0	29	3571	0.32
9	105	78	91	68	26	45	63	569	94	5.9	29	3600	0.30
10	105	79	92	74	27	47	65	619	93	5.3	29	3629	0.31
11	106	79	93	70	22	44	63	623	94	6.1	29	3658	0.33
12	104	78	91	71	23	45	62	617	93	5.8	29	3687	0.32
13	106	77	91	74	22	44	62	618	93	5.1	28	3716	0.31
14	106	77	91	72	23	45	62	626	94	6.1	29	3744	0.33
15	105	77	91	74	23	46	63	609	93	6.1	29	3773	0.31
16	106	77	91	76	21	46	63	627	93	5.6	29	3802	0.32
17	106	77	91	73	20	44	62	617	92	6.2	29	3830	0.33
18	106	78	92	72	20	44	62	613	93	5.6	29	3859	0.32
19	104	78	91	73	23	45	63	565	93	5.6	29	3888	0.29
20	105	79	92	65	21	40	60	605	92	5.4	29	3917	0.32
21	105	77	91	68	20	39	59	583	92	5.4	29	3946	0.31
22	106	77	91	71	23	43	62	593	93	5.1	29	3975	0.30
23	106	77	92	70	23	43	62	581	93	5.3	29	4003	0.30
24	104	78	91	68	23	43	61	584	92	5.6	29	4032	0.31
25	104	76	90	78	22	45	62	581	92	4.9	28	4060	0.29
26	104	76	90	74	24	46	62	581	92	4.9	28	4088	0.29
27	104	76	90	77	25	48	64	578	92	5.3	28	4116	0.29
28	106	77	91	75	22	47	63	586	92	5.3	29	4145	0.30
29	104	79	91	75	26	50	65	541	92	6.5	29	4174	0.28
30	105	78	91	76	20	48	63	589	92	5.9	29	4203	0.30
31	105	77	91	71	19	43	61	587	92	5.9	29	4232	0.31
AVG	105	78	92	71	22	44	63	606	93	5.7	29		
SUM											897		9.77

PPT= 0.29

<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>			

## YUMA VALLEY: YUMA 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	103	77	90	72	21	44	61	505	92	5.9	28	4260	0.28
2	104	77	90	73	21	44	61	578	92	5.5	29	4289	0.30
3	104	78	90	71	23	44	63	555	93	5.7	29	4318	0.29
4	103	77	90	71	23	45	61	549	93	6.5	28	4346	0.29
5	104	75	89	75	21	45	60	559	93	5.1	28	4374	0.28
6	104	75	89	75	18	44	59	571	93	4.7	28	4402	0.29
7	105	75	90	67	18	38	57	567	93	4.4	28	4429	0.29
8	106	74	90	67	16	36	56	586	92	4.5	28	4457	0.30
9	105	73	90	67	17	38	55	551	91	5.0	27	4484	0.29
10	105	74	90	71	19	41	58	565	91	5.1	28	4512	0.29
11	105	74	90	72	16	41	57	569	92	4.8	28	4540	0.29
12	104	73	89	64	14	36	53	575	91	5.3	27	4567	0.30
13	102	73	88	69	18	39	56	560	90	6.4	27	4594	0.30
14	101	72	87	72	22	45	57	522	90	5.5	26	4620	0.26
15	102	72	87	74	21	46	58	528	90	5.0	27	4646	0.27
16	101	73	87	79	19	46	59	523	89	4.8	27	4673	0.26
17	101	72	87	78	20	44	58	527	90	4.8	27	4700	0.26
18	101	73	87	68	18	39	55	546	89	5.4	27	4726	0.28
19	100	71	85	68	19	41	54	531	89	5.6	26	4752	0.27
20	99	71	85	72	20	44	55	527	88	6.2	26	4778	0.27
21	97	70	83	74	23	45	56	496	88	5.8	25	4802	0.25
22	98	68	83	75	20	45	54	527	87	5.1	24	4827	0.26
23	99	67	83	75	20	44	54	528	87	4.5	24	4851	0.25
24	98	70	84	79	22	48	57	472	86	4.5	25	4876	0.23
25	98	70	83	75	26	49	54	464	86	5.5	25	4901	0.23
26	99	69	84	75	20	44	53	510	86	4.8	25	4926	0.26
27	101	69	85	72	17	40	53	524	87	5.2	25	4951	0.27
28	101	68	84	72	14	36	51	524	87	5.7	25	4976	0.29
29	100	68	84	70	15	38	50	509	87	5.4	25	5001	0.27
<u>30</u>	<u>100</u>	<u>68</u>	<u>83</u>	<u>67</u>	<u>13</u>	<u>37</u>	<u>49</u>	<u>494</u>	<u>87</u>	<u>4.9</u>	<u>24</u>	<u>5025</u>	<u>0.26</u>
AVG	102	72	87	72	19	42	56	535	90	5.3	26		
SUM											793		8.25

PPT= 0.54

<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

**YUMA VALLEY: YUMA 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	99	67	82	75	16	42	51	486	86	3.8	24	5049	0.23
2	98	67	82	83	18	46	54	500	86	4.3	24	5073	0.24
3	98	67	82	76	18	44	52	500	86	5.3	24	5097	0.25
4	97	67	81	78	19	44	53	480	85	5.8	24	5120	0.25
5	96	66	81	77	18	44	52	493	84	5.4	23	5143	0.25
6	95	65	80	78	17	43	50	470	83	6.0	23	5166	0.24
7	93	63	78	72	15	37	46	478	82	6.1	21	5187	0.25
8	94	62	78	70	16	37	46	488	82	5.7	21	5208	0.25
9	95	62	78	73	15	40	46	473	82	4.9	21	5229	0.24
10	95	60	77	78	14	41	46	468	81	4.8	20	5249	0.23
11	92	61	76	73	19	42	46	441	81	5.1	19	5269	0.21
12	93	61	76	77	16	41	46	454	80	5.7	20	5288	0.23
13	92	62	77	75	15	40	46	465	80	5.9	20	5308	0.24
14	92	61	76	73	14	39	45	448	80	6.2	20	5328	0.24
15	91	61	75	77	19	44	48	440	80	6.0	20	5348	0.22
16	90	59	75	83	18	48	48	422	79	5.5	19	5367	0.20
17	89	59	74	81	19	46	47	438	79	5.5	18	5385	0.21
18	90	59	74	77	18	45	46	419	79	4.5	19	5404	0.20
19	90	59	73	85	19	50	48	410	78	4.6	19	5422	0.19
20	89	59	73	79	17	47	45	430	78	4.5	18	5441	0.20
21	88	59	72	79	22	48	47	387	77	5.3	18	5458	0.18
22	86	59	72	81	27	52	49	370	77	5.3	17	5475	0.17
23	87	58	72	84	23	52	47	383	77	4.5	17	5493	0.17
24	87	58	72	83	21	51	46	389	77	4.5	17	5510	0.17
25	86	59	71	77	21	46	45	398	76	5.8	17	5526	0.19
26	86	55	70	82	18	45	43	405	75	5.1	15	5542	0.19
27	85	56	70	83	19	49	44	368	75	4.3	15	5557	0.16
28	85	55	69	86	23	53	46	373	75	4.2	15	5572	0.15
29	84	56	69	83	25	52	46	371	74	5.1	15	5587	0.16
30	83	56	69	80	23	49	44	369	74	5.7	15	5602	0.17
<u>31</u>	<u>83</u>	<u>57</u>	<u>69</u>	<u>79</u>	<u>24</u>	<u>47</u>	<u>45</u>	<u>359</u>	<u>73</u>	<u>5.4</u>	<u>15</u>	<u>5617</u>	<u>0.17</u>
AVG	91	60	75	79	19	45	47	431	79	5.2	19		
SUM										592			6.45

PPT= 0.16

<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			

**YUMA VALLEY: YUMA 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	83	53	68	81	22	47	43	362	72	5.2	14	5630	0.17
2	82	54	68	74	21	42	41	365	71	6.7	13	5643	0.19
3	82	53	67	76	20	41	40	365	70	6.4	13	5656	0.19
4	82	52	66	78	20	46	40	348	70	4.3	13	5669	0.15
5	82	50	65	86	20	53	42	347	70	4.1	12	5681	0.14
6	81	52	66	82	20	49	41	356	70	5.1	12	5693	0.16
7	80	52	65	78	23	51	40	351	70	5.3	12	5705	0.15
8	80	51	66	83	24	49	42	361	69	5.5	12	5717	0.16
9	81	51	66	78	24	48	41	351	69	5.5	12	5729	0.16
10	79	52	65	77	23	48	41	314	69	5.1	12	5740	0.14
11	78	52	64	79	26	50	42	317	68	5.7	11	5751	0.14
12	77	51	63	81	26	52	42	293	68	5.0	10	5761	0.12
13	79	50	64	79	24	49	41	326	67	5.2	11	5772	0.14
14	77	49	62	85	25	53	41	309	67	5.5	10	5782	0.13
15	77	48	61	84	22	50	38	328	66	5.0	9	5791	0.14
16	78	46	61	86	21	52	38	326	65	3.9	9	5800	0.13
17	76	47	61	83	23	53	39	312	65	4.5	9	5809	0.12
18	76	47	61	84	23	53	39	322	65	5.0	8	5817	0.13
19	75	47	61	75	21	47	35	308	64	5.8	9	5826	0.14
20	76	47	61	81	21	46	37	302	64	5.7	9	5835	0.14
21	75	46	60	82	23	49	37	295	64	4.5	8	5843	0.12
22	75	46	60	78	23	50	37	288	64	5.8	8	5851	0.13
23	76	46	61	79	19	47	35	309	64	5.5	9	5860	0.14
24	75	44	59	80	22	50	35	288	63	4.8	8	5867	0.12
25	74	46	59	78	23	49	36	286	63	5.5	7	5875	0.13
26	72	48	59	77	27	50	38	264	63	7.2	7	5882	0.13
27	68	45	56	68	22	41	30	300	61	7.5	5	5887	0.15
28	71	43	56	73	20	43	30	299	61	6.0	6	5893	0.13
29	71	44	57	72	22	46	32	289	61	6.5	6	5898	0.14
<u>30</u>	<u>71</u>	<u>42</u>	<u>56</u>	<u>75</u>	<u>24</u>	<u>48</u>	<u>33</u>	<u>279</u>	<u>60</u>	<u>6.0</u>	<u>6</u>	<u>5904</u>	<u>0.13</u>
AVG	77	48	62	79	23	49	38	319	66	5.5	10		
SUM											287		4.27

PPT= 0.09

<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
<b>For Years 1987-2001</b>			

## YUMA VALLEY: YUMA 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	72	42	56	82	23	51	34	293	60	4.7	6	5910	0.12
2	72	43	56	79	24	51	34	287	60	4.8	6	5916	0.12
3	71	44	57	76	26	51	35	274	60	5.9	6	5921	0.12
4	70	44	57	78	29	50	35	261	60	5.8	5	5927	0.11
5	70	43	56	81	30	56	35	262	60	4.7	5	5932	0.10
6	69	42	55	85	36	62	38	231	60	5.0	5	5937	0.09
7	71	44	57	82	33	58	38	279	60	5.7	6	5942	0.11
8	69	44	57	79	27	49	35	279	59	7.5	5	5948	0.13
9	69	40	55	81	27	52	34	286	58	5.8	5	5952	0.12
10	68	44	56	73	28	49	34	277	58	7.0	5	5957	0.12
11	68	43	55	71	28	50	32	278	58	7.1	4	5961	0.13
12	67	42	54	77	25	49	32	268	58	6.4	4	5965	0.12
13	68	39	53	78	25	50	31	285	57	5.4	4	5970	0.11
14	67	40	53	81	23	49	31	279	57	5.9	4	5974	0.12
15	66	38	52	82	26	52	31	267	56	5.4	3	5977	0.10
16	66	39	53	85	23	49	31	273	56	6.1	4	5980	0.12
17	68	39	53	82	24	51	31	267	56	6.1	4	5984	0.11
18	67	40	52	80	34	58	34	271	56	5.9	4	5988	0.10
19	67	40	53	81	30	53	32	262	56	6.0	4	5992	0.11
20	66	39	53	82	27	51	31	286	56	5.7	3	5995	0.11
21	65	38	52	82	30	53	32	256	56	6.0	3	5998	0.10
22	63	39	51	82	27	53	30	252	55	6.7	3	6001	0.10
23	63	39	51	78	27	51	29	269	55	6.8	3	6004	0.11
24	64	40	52	71	25	46	28	280	55	6.9	3	6006	0.12
25	63	38	52	75	25	41	27	265	54	7.2	3	6009	0.13
26	64	38	51	74	26	45	28	266	54	6.1	3	6012	0.11
27	64	38	51	78	27	49	30	259	54	4.9	3	6015	0.10
28	65	39	52	87	34	58	34	243	54	4.7	3	6018	0.08
29	66	41	53	85	31	58	35	251	55	4.8	4	6021	0.09
30	68	41	54	82	27	54	34	276	55	5.7	4	6026	0.11
<u>31</u>	<u>68</u>	<u>41</u>	<u>53</u>	<u>80</u>	<u>30</u>	<u>56</u>	<u>34</u>	<u>269</u>	<u>55</u>	<u>4.8</u>	<u>4</u>	<u>6030</u>	<u>0.10</u>
<b>AVG</b>	67	41	54	80	28	52	33	269	57	5.9	4		
<b>SUM</b>											126		3.41

PPT= 0.48

<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
<b>For Years 1987-2001</b>			