

**YUMA MESA: 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	54	75	26	49	32	281	54	3.4	5	5	0.10
2	69	43	55	74	26	48	32	267	55	3.7	5	9	0.10
3	66	43	54	79	27	49	32	229	55	3.7	4	13	0.09
4	66	43	53	80	38	57	35	232	54	3.4	4	17	0.07
5	66	45	55	84	40	60	39	246	55	4.3	4	20	0.08
6	65	42	53	84	31	56	34	286	54	4.4	3	24	0.10
7	67	40	52	83	32	58	33	282	53	3.2	4	27	0.09
8	67	40	52	87	28	57	33	291	53	3.5	4	31	0.10
9	67	41	53	79	29	55	33	294	53	3.4	4	35	0.10
10	70	43	55	77	34	55	35	278	54	3.5	5	40	0.09
11	69	44	56	81	33	56	36	279	55	3.5	5	45	0.09
12	69	43	55	80	30	54	35	280	55	3.4	5	50	0.10
13	70	43	55	80	31	55	36	299	55	3.1	5	55	0.10
14	70	43	56	83	29	56	36	290	55	3.1	5	60	0.10
15	70	43	55	81	27	55	35	283	55	3.3	5	66	0.09
16	68	43	55	81	29	54	35	307	56	4.2	5	70	0.11
17	69	44	56	79	31	54	37	307	56	4.5	5	76	0.11
18	68	43	54	78	29	53	34	313	55	3.7	5	81	0.11
19	69	41	54	81	26	53	34	317	55	3.7	5	86	0.11
20	69	42	55	82	27	53	35	320	56	3.5	5	90	0.11
21	69	43	55	85	28	54	35	299	55	3.5	5	95	0.10
22	70	43	56	73	23	47	32	308	56	3.4	5	100	0.11
23	71	41	55	79	20	47	32	331	56	3.1	6	106	0.11
24	71	41	56	81	25	51	34	322	56	3.1	6	111	0.11
25	70	44	57	74	28	51	34	294	57	4.0	5	117	0.11
26	70	44	56	78	24	50	34	311	56	3.5	6	122	0.11
27	69	43	55	85	28	56	36	303	56	3.0	5	127	0.10
28	71	42	56	83	26	55	35	349	56	3.4	5	133	0.12
29	71	42	56	81	23	50	34	357	56	3.4	6	138	0.13
30	71	43	56	75	22	46	32	336	57	3.8	6	144	0.12
<u>31</u>	<u>71</u>	<u>43</u>	<u>56</u>	<u>77</u>	<u>26</u>	<u>49</u>	<u>34</u>	<u>325</u>	<u>57</u>	<u>3.5</u>	<u>5</u>	<u>149</u>	<u>0.11</u>
AVG	69	43	55	80	28	53	34	297	55	3.6	5		
SUM											149		3.15

PPT= 0.29

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 MESA: 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	25	53	36	348	57	4.1	6	155	0.13
2	72	45	58	79	27	52	36	344	58	3.6	6	162	0.12
3	73	43	57	82	24	51	35	341	57	3.6	7	168	0.12
4	74	45	59	81	25	50	37	340	58	4.0	7	175	0.13
5	73	45	59	79	27	53	37	356	59	3.5	7	183	0.12
6	72	45	58	78	26	51	36	363	59	4.0	7	190	0.13
7	71	46	58	79	30	54	37	343	59	4.3	6	196	0.12
8	71	47	58	81	32	57	38	304	59	3.6	6	202	0.10
9	73	44	58	85	29	57	38	377	59	3.4	7	209	0.13
10	73	44	58	86	27	55	38	382	60	4.0	7	216	0.13
11	72	47	59	81	28	55	38	372	60	3.9	7	223	0.13
12	73	47	59	82	26	57	38	356	60	4.5	7	230	0.13
13	72	48	59	85	30	57	40	358	61	4.8	7	237	0.13
14	71	44	58	86	30	56	37	358	60	4.3	6	243	0.13
15	73	44	58	80	26	53	35	390	60	3.9	7	250	0.14
16	73	44	58	81	27	53	37	366	60	3.4	7	257	0.13
17	73	45	59	79	28	53	37	380	61	4.5	7	264	0.14
18	73	45	59	83	26	53	37	382	61	3.8	7	271	0.14
19	73	46	60	78	25	49	36	387	61	4.3	7	278	0.15
20	75	46	60	79	25	49	37	406	62	3.9	8	286	0.15
21	74	46	60	80	24	50	37	412	62	4.0	8	294	0.15
22	75	45	60	77	22	49	35	416	62	3.6	8	301	0.15
23	75	46	60	76	22	45	35	428	62	4.6	8	310	0.17
24	75	45	59	76	22	46	34	422	62	4.6	8	317	0.16
25	75	45	59	78	23	49	35	413	62	3.8	8	325	0.15
26	74	47	60	80	27	53	38	397	62	3.6	8	333	0.14
27	74	46	59	85	27	56	38	387	62	3.8	8	341	0.14
<u>28</u>	<u>74</u>	<u>47</u>	<u>60</u>	<u>83</u>	<u>27</u>	<u>55</u>	<u>39</u>	<u>433</u>	<u>63</u>	<u>4.5</u>	<u>8</u>	<u>349</u>	<u>0.16</u>
AVG	73	45	59	81	26	53	37	377	60	4.0	7		
SUM											199		3.83

PPT= 0.33

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 MESA: 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	47	60	82	26	52	38	435	63	4.3	8	356	0.16
2	76	47	61	84	26	56	39	420	63	3.5	9	365	0.15
3	77	47	61	83	25	55	40	454	64	4.1	9	374	0.17
4	76	50	63	78	26	51	40	459	65	4.4	9	383	0.18
5	76	50	62	77	29	52	40	423	65	5.0	9	392	0.17
6	75	49	62	82	25	52	39	436	65	4.5	9	401	0.16
7	74	47	60	78	28	52	37	454	64	4.2	8	409	0.17
8	77	47	61	77	24	49	36	487	65	3.5	9	418	0.18
9	79	47	63	79	21	49	37	492	65	3.8	10	428	0.19
10	78	50	64	74	21	44	37	485	66	4.3	10	438	0.20
11	78	49	63	76	20	45	37	502	66	5.1	10	447	0.20
12	79	47	63	80	19	46	37	521	66	4.0	10	458	0.20
13	79	49	64	76	17	44	36	475	66	3.8	11	468	0.19
14	79	49	64	80	21	47	38	497	67	3.9	11	479	0.19
15	80	48	64	78	21	48	38	515	67	4.6	11	489	0.20
16	80	50	65	79	19	46	38	524	68	4.1	11	500	0.20
17	81	49	65	79	17	45	37	533	69	3.9	11	512	0.21
18	83	49	66	76	15	42	37	538	69	3.9	13	524	0.22
19	83	51	67	76	18	42	38	525	69	4.2	13	537	0.22
20	83	51	67	75	17	42	37	499	69	4.2	13	550	0.21
21	83	50	66	74	18	43	38	532	69	4.4	13	562	0.22
22	82	50	66	72	16	41	36	558	70	3.9	12	574	0.22
23	81	50	65	74	20	44	39	560	70	4.8	12	586	0.23
24	81	50	65	78	20	47	39	547	70	4.0	12	598	0.21
25	80	51	66	79	21	46	39	507	70	4.4	12	609	0.20
26	77	50	63	79	25	49	39	503	69	4.7	9	619	0.19
27	79	50	64	83	24	52	40	542	69	4.4	11	629	0.21
28	78	49	64	77	25	49	39	549	68	4.8	10	639	0.21
29	78	49	64	76	21	48	38	574	69	4.0	10	649	0.22
30	81	50	65	79	19	45	38	581	70	4.1	11	661	0.23
<u>31</u>	<u>81</u>	<u>51</u>	<u>66</u>	<u>71</u>	<u>19</u>	<u>41</u>	<u>37</u>	<u>591</u>	<u>70</u>	<u>4.7</u>	<u>12</u>	<u>673</u>	<u>0.24</u>
AVG	79	49	64	78	21	47	38	507	67	4.2	10		
SUM											324		6.15

PPT= 0.36

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 MESA: 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	76	21	46	38	545	70	5.1	11	684	0.22
2	80	50	65	77	21	48	39	564	70	4.2	11	695	0.22
3	82	51	66	76	20	46	39	578	71	4.3	12	707	0.23
4	83	52	68	74	21	43	40	599	72	4.7	13	720	0.25
5	83	52	68	76	19	42	40	588	72	4.1	13	733	0.24
6	86	53	69	77	18	43	40	617	73	4.5	14	747	0.26
7	85	52	69	74	19	43	40	549	74	4.5	14	760	0.24
8	86	54	70	72	16	40	39	618	74	4.5	14	775	0.26
9	85	54	70	66	14	35	36	628	74	5.5	14	789	0.28
10	86	51	69	65	13	34	34	638	73	4.7	14	802	0.28
11	86	51	69	67	12	35	34	628	74	4.4	14	816	0.27
12	85	53	69	74	16	39	38	580	74	4.5	14	830	0.25
13	84	52	69	70	15	37	37	596	74	4.2	14	843	0.25
14	85	52	69	75	15	39	38	628	74	4.6	14	857	0.27
15	85	53	69	70	16	39	37	599	74	4.4	14	871	0.25
16	85	53	70	71	16	40	38	580	74	4.0	14	885	0.24
17	87	54	71	74	16	40	40	617	75	4.3	15	901	0.26
18	86	56	71	71	16	40	40	607	76	4.3	16	916	0.26
19	87	55	72	69	16	37	39	628	76	4.0	16	932	0.27
20	89	55	72	70	16	38	39	633	76	4.5	16	948	0.27
21	87	57	72	67	17	38	41	622	76	5.4	16	964	0.28
22	88	56	72	73	17	40	42	653	77	4.4	17	981	0.28
23	87	56	71	71	17	39	41	653	77	4.9	16	997	0.28
24	86	55	71	69	17	39	39	652	77	5.3	15	1011	0.28
25	88	55	72	70	16	38	40	665	78	4.4	16	1027	0.28
26	91	57	74	65	13	35	39	667	79	4.0	17	1045	0.29
27	93	59	76	67	13	34	41	662	79	4.2	19	1064	0.30
28	89	59	74	66	15	35	41	664	79	4.7	18	1082	0.30
29	90	57	74	67	15	37	41	669	79	4.4	18	1100	0.29
<u>30</u>	<u>90</u>	<u>57</u>	<u>74</u>	<u>69</u>	<u>16</u>	<u>37</u>	<u>41</u>	<u>662</u>	<u>80</u>	<u>4.8</u>	<u>17</u>	<u>1117</u>	<u>0.29</u>
AVG	86	54	70	71	16	39	39	620	75	4.5	15		
SUM											444		7.94

PPT= 0.16

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 MESA: 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	58	74	65	14	35	39	678	80	4.7	18	1135	0.30
2	91	57	74	65	14	34	40	683	80	4.4	18	1153	0.30
3	91	59	75	65	14	35	40	667	80	5.0	18	1171	0.30
4	92	58	76	65	13	33	40	681	81	4.7	19	1190	0.31
5	92	59	76	67	13	35	41	672	81	4.6	19	1208	0.30
6	92	58	75	65	14	35	40	683	81	4.4	18	1226	0.30
7	93	60	77	66	15	36	42	686	82	4.8	19	1246	0.31
8	94	61	78	67	15	36	43	689	83	4.5	20	1266	0.31
9	93	61	77	70	14	37	43	683	83	4.7	20	1285	0.31
10	92	61	76	71	15	39	44	676	82	5.0	20	1305	0.30
11	92	60	76	68	15	37	43	684	82	4.8	19	1324	0.30
12	94	61	78	68	14	35	44	684	82	4.5	20	1344	0.31
13	94	62	78	66	15	36	44	700	84	5.0	21	1365	0.32
14	93	63	78	62	14	35	43	700	84	5.0	21	1386	0.32
15	93	62	77	67	16	36	44	663	84	4.5	20	1406	0.30
16	93	62	77	66	15	37	44	695	84	5.3	20	1426	0.32
17	94	60	78	67	14	36	43	690	85	4.5	20	1446	0.31
18	95	62	79	64	13	34	43	704	85	4.2	21	1467	0.32
19	95	62	79	61	11	31	41	699	86	4.8	21	1488	0.33
20	94	62	78	64	12	32	42	682	86	4.3	21	1509	0.31
21	95	61	79	63	11	32	41	710	86	4.0	21	1530	0.32
22	96	62	79	67	12	35	43	693	86	4.2	21	1551	0.31
23	97	63	80	64	13	34	44	693	86	4.9	22	1573	0.33
24	94	64	79	63	14	35	44	700	86	5.0	22	1595	0.32
25	94	63	78	70	16	38	46	703	86	4.5	21	1615	0.31
26	95	63	79	66	16	37	46	707	86	4.4	21	1637	0.32
27	96	63	80	67	14	34	45	704	86	4.4	22	1658	0.32
28	96	63	80	70	13	36	46	695	86	4.2	22	1680	0.31
29	96	63	80	69	13	35	45	706	87	4.6	21	1701	0.32
30	97	62	80	65	11	32	43	710	87	4.3	22	1723	0.33
31	98	63	81	66	11	32	44	722	88	4.2	22	1745	0.33
AVG	94	61	78	66	14	35	43	692	84	4.6	20		
SUM											628		9.69

PPT= 0.05

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 MESA: YUMA 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	65	82	63	12	32	45	693	89	4.8	23	1768	0.33
2	100	65	83	63	10	31	43	717	89	4.5	23	1791	0.34
3	100	64	83	61	11	30	43	725	89	4.9	23	1814	0.35
4	100	66	83	59	12	30	44	724	90	5.0	23	1838	0.35
5	98	67	83	57	13	30	44	703	89	5.1	24	1861	0.34
6	97	65	81	58	12	31	42	705	88	4.7	22	1884	0.33
7	96	63	80	63	14	34	44	730	88	4.5	21	1905	0.33
8	97	64	81	63	13	33	44	724	88	4.7	22	1928	0.34
9	99	64	82	66	13	34	46	715	89	4.0	23	1950	0.33
10	100	66	84	69	13	35	48	726	90	4.3	24	1974	0.34
11	101	67	85	64	11	32	46	726	91	4.3	25	1999	0.35
12	102	67	85	62	10	30	46	725	91	4.3	25	2024	0.35
13	101	66	84	61	11	31	45	733	92	4.4	24	2047	0.35
14	101	67	85	57	11	29	44	733	91	5.0	24	2072	0.36
15	101	68	84	53	12	29	44	712	92	5.3	25	2096	0.35
16	101	67	84	63	12	31	47	724	92	4.6	24	2120	0.35
17	103	66	85	62	11	30	45	731	92	3.9	24	2144	0.34
18	105	67	87	65	9	30	46	717	92	3.7	25	2169	0.34
19	105	69	88	60	12	31	48	700	92	4.1	26	2195	0.34
20	104	71	88	63	13	32	51	691	92	4.5	26	2221	0.34
21	104	70	88	57	11	29	46	726	93	4.3	26	2247	0.35
22	104	70	88	55	11	28	46	726	93	4.2	26	2273	0.36
23	105	71	88	61	11	29	48	729	93	4.6	26	2299	0.36
24	105	70	89	60	10	29	47	694	94	4.2	26	2326	0.34
25	104	72	89	54	11	26	46	675	94	4.5	27	2352	0.35
26	105	72	89	54	11	26	47	699	94	4.4	27	2379	0.35
27	105	72	89	55	11	29	47	686	94	4.2	27	2406	0.34
28	106	73	90	61	13	32	51	680	95	4.6	27	2433	0.34
29	106	73	90	59	12	31	50	700	96	4.6	27	2460	0.35
<u>30</u>	<u>107</u>	<u>72</u>	<u>90</u>	<u>58</u>	<u>12</u>	<u>30</u>	<u>49</u>	<u>696</u>	<u>96</u>	<u>4.5</u>	<u>27</u>	<u>2487</u>	<u>0.35</u>
AVG	102	68	86	60	12	30	46	712	91	4.5	25		
SUM											742		10.36

PPT= 0.04

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 MESA: 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	108	74	91	58	11	29	50	709	96	4.5	28	2515	0.36
2	107	74	90	63	12	34	52	688	96	5.0	27	2542	0.35
3	106	74	90	67	13	36	54	694	95	5.2	28	2570	0.35
4	106	73	90	68	12	35	53	720	95	4.8	27	2597	0.36
5	106	74	90	73	16	39	57	683	95	4.7	27	2625	0.33
6	104	75	89	76	23	46	61	649	95	5.3	28	2652	0.31
7	105	76	90	73	21	44	61	652	96	4.8	28	2681	0.32
8	105	76	90	68	19	41	58	675	95	5.5	28	2709	0.34
9	104	78	91	70	21	42	62	662	96	5.3	29	2738	0.33
10	104	78	91	70	21	42	62	670	96	5.5	29	2767	0.33
11	104	76	90	69	18	40	59	643	97	4.8	28	2796	0.32
12	106	74	90	70	17	39	57	669	97	4.1	28	2823	0.32
13	107	75	91	70	16	39	57	632	97	3.8	28	2851	0.31
14	106	77	91	64	16	36	55	648	97	4.3	29	2880	0.32
15	105	76	90	69	18	40	58	615	96	4.7	28	2908	0.30
16	105	75	90	68	16	38	56	661	96	4.6	28	2937	0.33
17	106	76	91	69	16	38	58	677	96	4.8	28	2965	0.34
18	105	76	90	69	17	39	57	632	96	4.5	28	2993	0.31
19	106	75	90	68	17	39	57	672	97	4.5	28	3021	0.33
20	105	77	91	67	20	39	60	665	96	5.6	29	3050	0.34
21	102	78	89	73	22	44	61	608	95	5.1	29	3079	0.30
22	105	75	89	78	18	44	60	668	96	4.2	28	3106	0.32
23	105	75	90	76	20	44	61	659	95	4.8	28	3134	0.32
24	106	76	91	74	17	41	59	682	96	5.0	28	3163	0.34
25	107	76	92	71	16	40	59	684	97	4.9	28	3191	0.34
26	108	77	92	67	17	39	59	648	96	4.5	29	3220	0.32
27	107	76	92	74	20	43	61	633	97	4.6	29	3248	0.31
28	107	78	92	74	21	45	62	622	96	5.1	29	3277	0.31
29	106	80	92	73	22	45	64	596	96	5.1	30	3307	0.30
30	105	79	92	72	20	45	62	594	96	5.1	29	3336	0.30
<u>31</u>	<u>107</u>	<u>78</u>	<u>92</u>	<u>78</u>	<u>19</u>	<u>45</u>	<u>63</u>	<u>661</u>	<u>96</u>	<u>4.4</u>	<u>29</u>	<u>3365</u>	<u>0.32</u>
AVG	106	76	91	70	18	40	59	657	96	4.8	28		
SUM											878		10.06

PPT= 0.30

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 MESA: 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	107	79	92	74	22	44	64	639	97	5.1	29	3394	0.32
2	107	81	93	74	20	45	65	621	98	5.2	30	3424	0.31
3	107	80	93	70	20	41	63	633	98	5.0	30	3454	0.32
4	107	78	92	73	20	43	63	633	98	4.7	29	3483	0.31
5	106	80	92	73	23	47	64	618	98	4.7	29	3512	0.30
6	106	79	92	74	20	44	63	643	98	4.9	29	3542	0.32
7	106	79	92	73	20	43	62	646	97	5.1	29	3571	0.32
8	106	79	91	73	22	45	63	602	97	4.8	29	3600	0.30
9	104	78	91	72	26	47	64	562	97	4.8	29	3629	0.28
10	104	79	91	77	28	50	66	585	97	4.7	29	3658	0.28
11	105	79	92	76	25	48	65	617	98	4.8	29	3687	0.30
12	104	78	91	78	23	47	64	611	97	4.4	29	3716	0.29
13	105	77	91	78	22	47	63	622	97	4.1	29	3745	0.30
14	105	77	91	75	23	47	63	628	97	5.1	29	3773	0.31
15	105	77	90	75	23	48	63	622	97	4.6	28	3802	0.30
16	105	78	91	79	21	48	64	622	98	4.5	29	3831	0.30
17	105	77	91	79	21	47	63	624	97	4.9	29	3859	0.30
18	106	77	91	78	21	47	63	620	96	4.6	29	3888	0.30
19	104	78	90	81	25	50	66	564	96	4.5	29	3917	0.27
20	105	77	91	75	22	46	63	597	97	4.1	29	3945	0.29
21	104	77	90	78	23	46	63	585	96	4.3	29	3974	0.28
22	105	77	91	79	24	48	65	582	96	4.3	29	4003	0.28
23	105	77	91	76	23	47	64	577	96	4.2	29	4031	0.28
24	104	77	90	78	25	49	64	576	96	4.4	28	4060	0.28
25	104	77	90	82	25	51	65	579	97	4.1	28	4088	0.27
26	103	76	89	77	25	48	63	581	97	4.0	28	4116	0.28
27	104	76	89	80	27	52	65	563	96	4.3	28	4145	0.26
28	105	76	90	82	22	50	64	579	96	4.0	28	4173	0.27
29	103	78	90	81	28	54	66	532	95	4.9	29	4202	0.25
30	105	79	90	79	22	51	65	566	96	4.7	29	4231	0.27
<u>31</u>	<u>105</u>	<u>78</u>	<u>90</u>	<u>77</u>	<u>20</u>	<u>47</u>	<u>63</u>	<u>582</u>	<u>96</u>	<u>4.5</u>	<u>29</u>	<u>4260</u>	<u>0.28</u>
AVG	105	78	91	77	23	47	64	600	97	4.6	29		
SUM											895		9.02

PPT= 0.29

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 MESA: 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	78	90	75	21	46	62	524	96	4.6	29	4288	0.26
2	103	77	89	78	23	49	63	564	95	4.3	28	4317	0.27
3	103	77	89	80	26	50	66	555	96	4.6	29	4345	0.27
4	103	76	88	81	24	52	64	537	95	4.5	28	4373	0.25
5	103	75	88	81	22	50	62	540	94	4.4	28	4401	0.26
6	104	75	88	80	20	49	61	574	94	3.8	28	4429	0.27
7	105	74	89	79	19	44	60	564	94	3.2	27	4456	0.27
8	105	74	89	77	18	42	59	580	94	3.5	27	4484	0.28
9	105	72	88	76	17	45	57	551	92	3.9	27	4511	0.26
10	103	74	88	80	20	47	60	563	93	4.0	28	4538	0.27
11	104	74	88	82	18	47	60	567	93	3.9	27	4566	0.27
12	103	73	87	77	17	43	57	569	93	3.9	27	4592	0.27
13	100	73	86	77	19	45	58	556	92	4.3	26	4619	0.26
14	101	71	85	80	22	49	59	542	90	4.0	26	4645	0.25
15	101	72	86	80	22	49	59	539	90	3.8	26	4671	0.25
16	101	73	86	78	20	48	59	531	91	4.0	27	4698	0.25
17	101	72	86	82	22	48	60	526	90	3.9	26	4724	0.24
18	99	71	85	79	20	46	58	528	90	3.9	26	4750	0.24
19	99	71	84	78	21	48	57	525	89	4.3	25	4775	0.24
20	98	71	84	80	22	50	58	529	88	4.7	26	4801	0.25
21	96	70	82	80	26	53	58	472	87	4.3	25	4826	0.21
22	98	69	82	81	23	51	57	515	86	3.7	25	4851	0.23
23	98	68	83	82	23	51	57	518	86	3.4	25	4875	0.23
24	99	69	83	83	22	51	58	486	87	3.2	25	4900	0.22
25	99	69	83	80	20	48	55	493	87	3.7	25	4925	0.22
26	100	69	84	79	17	45	54	506	87	3.5	25	4950	0.23
27	101	70	84	74	17	42	54	507	87	3.4	26	4976	0.24
28	101	67	84	72	14	39	50	516	86	3.6	24	5000	0.25
29	100	68	83	71	15	40	50	501	86	3.7	25	5025	0.24
<u>30</u>	<u>99</u>	<u>67</u>	<u>83</u>	<u>71</u>	<u>14</u>	<u>40</u>	<u>50</u>	<u>481</u>	<u>86</u>	<u>3.5</u>	<u>24</u>	<u>5049</u>	<u>0.23</u>
AVG	101	72	86	78	20	47	58	532	90	3.9	26		
SUM											789		7.47

PPT= 0.65

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 MESA: 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	98	66	82	77	17	44	52	480	85	3.1	24	5073	0.22
2	99	66	82	83	18	46	54	496	85	3.0	24	5096	0.22
3	98	67	81	77	18	45	52	490	85	3.7	24	5120	0.23
4	97	67	81	78	18	45	52	478	84	4.1	24	5144	0.22
5	96	66	80	76	19	47	52	489	84	3.7	23	5167	0.22
6	95	65	79	78	17	45	51	471	83	3.9	23	5190	0.22
7	95	62	78	76	15	41	47	471	82	3.5	21	5211	0.21
8	95	63	78	75	16	41	48	484	81	3.3	22	5232	0.22
9	96	62	78	74	15	40	47	474	81	3.4	22	5254	0.22
10	97	62	78	75	14	40	47	471	80	3.6	21	5275	0.21
11	93	62	76	74	19	43	47	422	79	3.6	20	5296	0.19
12	93	62	76	83	18	46	49	454	79	3.7	20	5316	0.20
13	93	61	77	76	18	43	47	459	79	3.5	20	5336	0.20
14	93	62	76	71	14	41	45	454	79	3.6	21	5356	0.21
15	92	60	75	77	19	46	48	442	79	3.7	19	5376	0.19
16	90	60	74	81	19	49	48	423	79	3.7	19	5394	0.18
17	90	59	73	79	21	48	47	436	78	3.5	18	5413	0.19
18	91	59	74	79	18	45	47	428	77	3.3	19	5432	0.18
19	90	59	73	82	19	49	47	415	77	3.5	19	5450	0.18
20	90	58	73	79	17	46	46	437	77	3.3	18	5469	0.19
21	88	60	73	76	23	49	47	390	77	4.0	18	5487	0.17
22	86	60	71	82	27	53	49	372	76	3.7	17	5504	0.15
23	87	59	71	79	25	52	48	392	75	3.1	17	5521	0.16
24	87	57	71	83	24	52	47	395	75	3.1	17	5538	0.16
25	86	58	71	78	22	48	46	403	75	3.8	16	5554	0.17
26	86	55	69	82	21	48	44	403	73	3.3	15	5569	0.16
27	84	56	69	81	21	49	44	371	73	3.2	15	5585	0.15
28	84	55	68	84	24	52	46	378	72	3.1	15	5600	0.15
29	83	55	68	80	26	52	45	376	72	3.6	14	5614	0.15
30	82	55	68	79	23	49	44	369	72	3.9	14	5627	0.15
31	81	55	67	77	25	48	43	364	71	3.7	13	5641	0.15
AVG	91	60	75	78	20	46	48	432	78	3.5	19		
SUM											592		5.82

PPT= 0.24

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 MESA: 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	82	52	66	77	23	48	41	362	70	3.3	13	5654	0.14
2	82	52	66	76	22	46	40	368	70	3.3	12	5666	0.15
3	81	52	66	73	22	42	39	369	69	3.8	12	5678	0.16
4	81	52	65	77	21	45	40	347	69	3.0	13	5690	0.14
5	82	51	65	84	21	52	42	361	69	3.0	12	5703	0.13
6	81	53	66	80	20	48	42	365	70	3.3	13	5715	0.15
7	81	52	65	81	23	52	42	360	69	3.6	12	5727	0.14
8	81	51	65	82	24	51	42	367	69	3.5	12	5739	0.14
9	81	51	66	80	25	49	42	345	69	3.5	12	5751	0.14
10	79	53	65	82	25	51	43	319	69	3.2	12	5763	0.12
11	78	52	64	84	27	53	43	321	68	3.8	11	5774	0.12
12	79	51	63	82	25	52	42	314	67	3.5	11	5785	0.12
13	80	50	64	80	23	49	41	340	67	3.4	11	5796	0.13
14	78	49	62	85	24	54	41	314	66	4.1	10	5806	0.12
15	76	47	61	85	21	51	38	335	65	3.2	9	5815	0.12
16	77	46	60	83	22	52	37	330	64	2.9	9	5824	0.12
17	76	47	60	82	24	53	39	322	64	3.1	9	5833	0.11
18	76	48	61	84	24	53	39	332	63	3.5	9	5842	0.12
19	76	46	60	76	20	45	35	321	63	3.2	9	5851	0.12
20	76	47	60	76	20	44	36	315	62	3.2	9	5859	0.12
21	75	46	60	79	22	47	36	307	62	3.0	8	5868	0.11
22	75	47	60	79	21	48	37	298	62	3.8	9	5876	0.12
23	76	46	60	77	19	47	34	323	62	3.3	8	5885	0.12
24	75	45	59	77	21	46	34	303	61	3.3	8	5892	0.12
25	74	47	59	74	21	45	35	298	61	3.8	8	5900	0.12
26	73	47	58	75	24	48	36	291	61	4.4	7	5907	0.12
27	70	43	56	73	19	39	31	311	60	4.1	5	5913	0.13
28	71	43	56	67	19	40	28	310	59	3.7	6	5918	0.12
29	72	43	56	69	20	43	30	305	59	3.6	6	5924	0.12
<u>30</u>	<u>71</u>	<u>44</u>	<u>56</u>	<u>70</u>	<u>22</u>	<u>45</u>	<u>31</u>	<u>288</u>	<u>59</u>	<u>3.4</u>	<u>6</u>	<u>5930</u>	<u>0.11</u>
AVG	77	48	62	78	22	48	38	328	65	3.5	10		
SUM											289		3.81

PPT= 0.09

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 MESA: 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	41	55	79	22	47	32	306	58	2.8	6	5936	0.11
2	72	42	56	73	21	45	31	302	59	3.3	6	5942	0.11
3	72	44	57	72	23	45	33	283	59	3.7	6	5948	0.11
4	70	44	56	73	28	48	34	266	58	3.5	5	5954	0.10
5	70	44	56	77	28	51	35	272	58	3.3	6	5959	0.10
6	71	44	56	81	31	56	37	261	58	3.3	6	5965	0.09
7	72	44	57	79	29	53	36	292	58	3.8	6	5971	0.11
8	70	44	56	77	26	49	34	273	57	4.2	5	5977	0.11
9	70	43	55	79	28	51	35	281	56	4.0	5	5982	0.10
10	69	45	56	77	31	53	36	269	57	3.8	5	5987	0.10
11	69	43	55	77	31	53	35	277	56	4.2	5	5992	0.10
12	68	42	55	80	27	50	34	269	56	3.9	4	5997	0.10
13	68	40	53	79	27	51	32	291	55	3.4	4	6001	0.10
14	68	41	53	82	23	47	32	282	55	3.9	4	6005	0.10
15	66	41	52	78	24	50	31	274	54	4.1	4	6009	0.10
16	67	41	53	82	22	48	31	274	54	3.7	4	6012	0.10
17	67	40	53	80	24	50	31	260	54	3.7	4	6017	0.09
18	67	42	53	81	34	57	35	276	55	4.2	4	6020	0.09
19	66	41	53	81	33	55	34	263	54	3.8	3	6024	0.09
20	67	41	53	81	28	51	33	282	54	3.6	4	6028	0.10
21	67	40	53	82	28	52	33	264	54	3.7	4	6031	0.09
22	64	40	51	81	28	52	31	267	54	4.0	3	6034	0.09
23	64	40	51	77	28	50	30	268	53	3.8	3	6037	0.09
24	65	41	52	67	25	43	27	284	53	4.0	3	6041	0.10
25	65	40	52	73	24	42	28	268	53	4.1	3	6044	0.10
26	65	39	51	73	26	46	29	266	52	3.5	3	6047	0.09
27	65	40	51	77	26	49	31	261	53	3.1	4	6051	0.09
28	66	41	52	83	36	58	35	242	53	3.1	4	6054	0.08
29	67	42	53	82	34	59	36	259	54	3.0	4	6058	0.08
30	68	42	54	78	28	53	33	283	54	3.4	4	6063	0.10
<u>31</u>	<u>68</u>	<u>41</u>	<u>53</u>	<u>80</u>	<u>30</u>	<u>55</u>	<u>34</u>	<u>278</u>	<u>54</u>	<u>3.0</u>	<u>4</u>	<u>6067</u>	<u>0.09</u>
AVG	68	42	54	78	27	51	33	274	55	3.6	4		
SUM											137		2.98

PPT= 0.43

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