

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	20	6	12	75	26	49	0	11.8	12	1.5	3	3	2.5
2	20	6	13	74	26	48	0	11.2	13	1.7	3	5	2.5
3	19	6	12	79	27	49	0	9.6	13	1.6	2	7	2.2
4	19	6	12	80	38	57	2	9.7	12	1.5	2	9	1.9
5	19	7	13	84	40	60	4	10.3	13	1.9	2	11	2.1
6	18	6	12	84	31	56	1	12.0	12	2.0	2	13	2.5
7	19	4	11	83	32	58	1	11.8	12	1.4	2	15	2.2
8	19	4	11	87	28	57	1	12.2	12	1.6	2	17	2.4
9	20	5	12	79	29	55	0	12.3	12	1.5	2	19	2.4
10	21	6	13	77	34	55	2	11.6	12	1.6	3	22	2.4
11	21	7	13	81	33	56	2	11.7	13	1.6	3	25	2.3
12	20	6	13	80	30	54	1	11.7	13	1.5	3	28	2.4
13	21	6	13	80	31	55	2	12.5	13	1.4	3	30	2.5
14	21	6	13	83	29	56	2	12.1	13	1.4	3	33	2.5
15	21	6	13	81	27	55	2	11.9	13	1.5	3	36	2.4
16	20	6	13	81	29	54	2	12.8	13	1.9	3	39	2.7
17	20	7	13	79	31	54	3	12.8	13	2.0	3	42	2.8
18	20	6	12	78	29	53	1	13.1	13	1.7	3	45	2.7
19	21	5	12	81	26	53	1	13.3	13	1.7	3	48	2.8
20	21	6	13	82	27	53	2	13.4	13	1.5	3	50	2.8
21	20	6	13	85	28	54	2	12.5	13	1.6	3	53	2.6
22	21	6	13	73	23	47	0	12.9	13	1.5	3	56	2.8
23	22	5	13	79	20	47	0	13.9	13	1.4	3	59	2.9
24	22	5	13	81	25	51	1	13.5	13	1.4	3	62	2.8
25	21	7	14	74	28	51	1	12.3	14	1.8	3	65	2.7
26	21	7	14	78	24	50	1	13.0	14	1.6	3	68	2.8
27	21	6	13	85	28	56	2	12.7	13	1.4	3	71	2.4
28	22	6	13	83	26	55	2	14.6	14	1.5	3	74	3.0
29	22	6	13	81	23	50	1	15.0	14	1.5	3	77	3.2
30	22	6	13	75	22	46	0	14.0	14	1.7	3	80	3.2
31	<u>21</u>	<u>6</u>	<u>13</u>	<u>77</u>	<u>26</u>	<u>49</u>	<u>1</u>	<u>13.6</u>	<u>14</u>	<u>1.6</u>	<u>3</u>	<u>83</u>	<u>2.9</u>
AVG	21	6	13	80	28	53	1	12.4	13	1.6	3		
SUM											83		80.0

PPT= 7.4

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

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	22	7	14	82	25	53	2	14.6	14	1.9	3	86	3.2
2	22	7	14	79	27	52	2	14.4	14	1.6	4	90	3.1
3	23	6	14	82	24	51	2	14.3	14	1.6	4	93	3.1
4	23	7	15	81	25	50	3	14.2	15	1.8	4	97	3.3
5	23	7	15	79	27	53	3	14.9	15	1.5	4	101	3.2
6	22	7	14	78	26	51	2	15.2	15	1.8	4	105	3.4
7	22	8	14	79	30	54	3	14.4	15	1.9	4	109	3.2
8	22	8	14	81	32	57	4	12.7	15	1.6	3	112	2.6
9	23	7	14	85	29	57	4	15.8	15	1.5	4	116	3.3
10	23	7	15	86	27	55	3	16.0	15	1.8	4	120	3.4
11	22	8	15	81	28	55	4	15.6	16	1.7	4	124	3.3
12	23	9	15	82	26	57	4	14.9	16	2.0	4	128	3.2
13	22	9	15	85	30	57	5	15.0	16	2.2	4	132	3.3
14	22	7	14	86	30	56	3	15.0	16	1.9	4	135	3.2
15	23	7	14	80	26	53	2	16.3	16	1.7	4	139	3.5
16	23	7	14	81	27	53	3	15.3	16	1.5	4	143	3.2
17	23	7	15	79	28	53	3	15.9	16	2.0	4	147	3.6
18	23	7	15	83	26	53	3	16.0	16	1.7	4	150	3.4
19	23	8	15	78	25	49	2	16.2	16	1.9	4	154	3.8
20	24	8	16	79	25	49	3	17.0	16	1.7	5	159	3.9
21	24	8	15	80	24	50	3	17.3	17	1.8	4	163	3.9
22	24	7	15	77	22	49	2	17.4	17	1.6	4	167	3.9
23	24	8	16	76	22	45	2	17.9	17	2.1	5	172	4.3
24	24	7	15	76	22	46	1	17.7	17	2.1	4	176	4.1
25	24	7	15	78	23	49	2	17.3	17	1.7	4	180	3.8
26	23	8	16	80	27	53	3	16.6	17	1.6	4	185	3.7
27	23	8	15	85	27	56	3	16.2	17	1.7	4	189	3.5
28	<u>23</u>	<u>9</u>	<u>16</u>	<u>83</u>	<u>27</u>	<u>55</u>	<u>4</u>	<u>18.1</u>	<u>17</u>	<u>2.0</u>	<u>4</u>	<u>194</u>	<u>4.0</u>
AVG	23	7	15	81	26	53	3	15.8	16	1.8	4		
SUM											111		97.4
								PPT=	8.3				

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

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	24	8	16	82	26	52	3	18.2	17	1.9	4	198	4.1
2	24	8	16	84	26	56	4	17.6	17	1.6	5	203	3.7
3	25	8	16	83	25	55	4	19.0	18	1.8	5	208	4.2
4	25	10	17	78	26	51	5	19.2	18	2.0	5	213	4.5
5	24	10	17	77	29	52	5	17.7	18	2.2	5	218	4.2
6	24	9	16	82	25	52	4	18.2	18	2.0	5	223	4.2
7	24	8	16	78	28	52	3	19.0	18	1.9	4	227	4.2
8	25	8	16	77	24	49	2	20.4	18	1.6	5	232	4.6
9	26	8	17	79	21	49	3	20.6	19	1.7	6	238	4.8
10	26	10	18	74	21	44	3	20.3	19	1.9	6	243	5.0
11	26	9	17	76	20	45	3	21.0	19	2.3	5	249	5.2
12	26	8	17	80	19	46	3	21.8	19	1.8	6	254	5.2
13	26	9	18	76	17	44	2	19.9	19	1.7	6	260	4.8
14	26	9	18	80	21	47	3	20.8	19	1.7	6	266	4.9
15	27	9	18	78	21	48	3	21.5	20	2.0	6	272	5.2
16	26	10	18	79	19	46	4	21.9	20	1.8	6	278	5.2
17	27	10	18	79	17	45	3	22.3	20	1.7	6	284	5.4
18	29	10	19	76	15	42	3	22.5	21	1.7	7	291	5.6
19	29	10	20	76	18	42	4	22.0	21	1.9	7	298	5.5
20	28	11	19	75	17	42	3	20.9	21	1.9	7	305	5.2
21	28	10	19	74	18	43	3	22.3	21	2.0	7	312	5.5
22	28	10	19	72	16	41	2	23.4	21	1.8	7	319	5.6
23	27	10	19	74	20	44	4	23.4	21	2.1	6	326	5.8
24	27	10	19	78	20	47	4	22.9	21	1.8	6	332	5.4
25	27	11	19	79	21	46	4	21.2	21	2.0	6	339	5.2
26	25	10	17	79	25	49	4	21.0	21	2.1	5	344	4.9
27	26	10	18	83	24	52	4	22.7	20	2.0	6	350	5.3
28	25	9	18	77	25	49	4	23.0	20	2.2	5	355	5.4
29	26	9	18	76	21	48	3	24.0	20	1.8	6	361	5.5
30	27	10	19	79	19	45	3	24.3	21	1.8	6	367	5.8
31	<u>27</u>	<u>10</u>	<u>19</u>	<u>71</u>	<u>19</u>	<u>41</u>	<u>3</u>	<u>24.7</u>	<u>21</u>	<u>2.1</u>	<u>7</u>	<u>374</u>	<u>6.2</u>
AVG	26	9	18	78	21	47	3	21.2	20	1.9	6		
SUM											180		156.2

PPT= 9.2

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

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	27	10	18	76	21	46	3	22.8	21	2.3	6	380	5.7
2	27	10	18	77	21	48	4	23.6	21	1.9	6	386	5.5
3	28	10	19	76	20	46	4	24.2	22	1.9	7	393	5.9
4	28	11	20	74	21	43	4	25.1	22	2.1	7	400	6.3
5	29	11	20	76	19	42	4	24.6	22	1.8	7	407	6.1
6	30	12	21	77	18	43	5	25.8	23	2.0	8	415	6.6
7	29	11	21	74	19	43	4	23.0	23	2.0	8	422	6.2
8	30	12	21	72	16	40	4	25.9	23	2.0	8	430	6.6
9	29	12	21	66	14	35	2	26.3	23	2.5	8	438	7.0
10	30	11	21	65	13	34	1	26.7	23	2.1	8	446	7.0
11	30	11	21	67	12	35	1	26.3	23	2.0	8	453	6.9
12	29	12	21	74	16	39	3	24.3	23	2.0	8	461	6.3
13	29	11	21	70	15	37	3	25.0	23	1.9	8	469	6.4
14	30	11	21	75	15	39	3	26.3	23	2.1	8	476	6.7
15	29	12	21	70	16	39	3	25.1	23	2.0	8	484	6.4
16	30	12	21	71	16	40	3	24.3	23	1.8	8	492	6.2
17	31	12	22	74	16	40	4	25.8	24	1.9	8	500	6.6
18	30	13	22	71	16	40	5	25.4	24	1.9	9	509	6.6
19	31	13	22	69	16	37	4	26.3	25	1.8	9	518	6.8
20	32	13	22	70	16	38	4	26.5	25	2.0	9	527	7.0
21	31	14	22	67	17	38	5	26.0	25	2.4	9	536	7.1
22	31	13	22	73	17	40	5	27.3	25	2.0	9	545	7.1
23	30	13	22	71	17	39	5	27.3	25	2.2	9	554	7.2
24	30	13	22	69	17	39	4	27.3	25	2.4	8	562	7.2
25	31	13	22	70	16	38	4	27.8	25	2.0	9	571	7.2
26	33	14	23	65	13	35	4	27.9	26	1.8	10	580	7.3
27	34	15	24	67	13	34	5	27.7	26	1.9	11	591	7.5
28	32	15	24	66	15	35	5	27.8	26	2.1	10	601	7.5
29	32	14	23	67	15	37	5	28.0	26	2.0	10	611	7.4
30	<u>32</u>	<u>14</u>	<u>23</u>	<u>69</u>	<u>16</u>	<u>37</u>	<u>5</u>	<u>27.7</u>	<u>26</u>	<u>2.1</u>	<u>10</u>	<u>620</u>	<u>7.5</u>
AVG	30	12	21	71	16	39	4	25.9	24	2.0	8		
SUM											247		201.6

PPT= 4.0

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	

YUMA VALLEY: YUMA 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	14	24	65	14	35	4	28.4	27	2.1	10	630	7.7
2	33	14	23	65	14	34	4	28.6	27	2.0	10	640	7.6
3	33	15	24	65	14	35	5	27.9	27	2.2	10	651	7.6
4	34	14	24	65	13	33	4	28.5	27	2.1	10	661	7.8
5	33	15	24	67	13	35	5	28.1	27	2.1	10	671	7.6
6	33	14	24	65	14	35	5	28.6	27	1.9	10	681	7.6
7	34	15	25	66	15	36	6	28.7	28	2.1	11	692	7.8
8	34	16	25	67	15	36	6	28.8	28	2.0	11	703	7.8
9	34	16	25	70	14	37	6	28.6	28	2.1	11	714	7.8
10	33	16	25	71	15	39	7	28.3	28	2.2	11	725	7.7
11	33	15	25	68	15	37	6	28.6	28	2.2	11	736	7.7
12	35	16	26	68	14	35	7	28.6	28	2.0	11	747	7.9
13	35	17	26	66	15	36	7	29.3	29	2.2	12	758	8.1
14	34	17	25	62	14	35	6	29.3	29	2.2	11	770	8.1
15	34	16	25	67	16	36	7	27.8	29	2.0	11	781	7.6
16	34	17	25	66	15	37	7	29.1	29	2.4	11	792	8.1
17	35	16	25	67	14	36	6	28.9	29	2.0	11	803	7.8
18	35	17	26	64	13	34	6	29.5	30	1.9	12	815	8.0
19	35	17	26	61	11	31	5	29.2	30	2.1	12	827	8.3
20	34	17	26	64	12	32	6	28.6	30	1.9	12	838	7.9
21	35	16	26	63	11	32	5	29.7	30	1.8	12	850	8.1
22	35	17	26	67	12	35	6	29.0	30	1.9	12	862	8.0
23	36	17	27	64	13	34	7	29.0	30	2.2	12	874	8.3
24	35	18	26	63	14	35	7	29.3	30	2.2	12	886	8.2
25	34	17	26	70	16	38	8	29.4	30	2.0	12	897	8.0
26	35	17	26	66	16	37	8	29.6	30	2.0	12	909	8.1
27	35	17	27	67	14	34	7	29.5	30	2.0	12	921	8.2
28	36	17	27	70	13	36	8	29.1	30	1.9	12	933	7.9
29	36	17	27	69	13	35	7	29.5	30	2.0	12	945	8.3
30	36	17	27	65	11	32	6	29.7	31	1.9	12	957	8.3
31	<u>36</u>	<u>17</u>	<u>27</u>	<u>66</u>	<u>11</u>	<u>32</u>	<u>7</u>	<u>30.2</u>	<u>31</u>	<u>1.9</u>	<u>12</u>	<u>969</u>	<u>8.4</u>
AVG	34	16	25	66	14	35	6	28.9	29	2.1	11		
SUM											337		237.8

PPT= 1.2

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/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	

YUMA VALLEY: 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	37	18	28	63	12	32	7	29.0	31	2.1	13	982	8.5
2	38	18	28	63	10	31	6	30.0	32	2.0	13	995	8.6
3	38	18	28	61	11	30	6	30.4	32	2.2	13	1008	8.9
4	38	19	28	59	12	30	6	30.3	32	2.2	13	1021	8.9
5	37	19	28	57	13	30	7	29.4	32	2.3	13	1034	8.7
6	36	18	27	58	12	31	6	29.5	31	2.1	12	1046	8.4
7	36	17	27	63	14	34	7	30.5	31	2.0	12	1058	8.5
8	36	18	27	63	13	33	7	30.3	31	2.1	12	1071	8.5
9	37	18	28	66	13	34	8	29.9	31	1.8	13	1084	8.3
10	38	19	29	69	13	35	9	30.4	32	1.9	13	1097	8.6
11	38	20	29	64	11	32	8	30.4	33	1.9	14	1111	8.8
12	39	20	29	62	10	30	8	30.4	33	1.9	14	1124	8.8
13	39	19	29	61	11	31	7	30.7	33	2.0	13	1137	8.9
14	38	19	29	57	11	29	6	30.7	33	2.2	13	1151	9.1
15	38	20	29	53	12	29	7	29.8	33	2.4	14	1165	9.0
16	38	19	29	63	12	31	8	30.3	33	2.1	13	1178	8.8
17	39	19	30	62	11	30	7	30.6	33	1.7	13	1191	8.7
18	41	20	31	65	9	30	8	30.0	33	1.7	14	1205	8.7
19	40	21	31	60	12	31	9	29.3	33	1.9	14	1219	8.7
20	40	22	31	63	13	32	10	28.9	33	2.0	15	1234	8.7
21	40	21	31	57	11	29	8	30.4	34	1.9	14	1249	9.0
22	40	21	31	55	11	28	8	30.4	34	1.9	14	1263	9.0
23	40	21	31	61	11	29	9	30.5	34	2.1	14	1277	9.2
24	41	21	32	60	10	29	8	29.0	34	1.9	15	1292	8.7
25	40	22	32	54	11	26	8	28.3	34	2.0	15	1307	8.8
26	41	22	32	54	11	26	8	29.3	34	1.9	15	1322	8.9
27	41	22	32	55	11	29	8	28.7	34	1.9	15	1337	8.7
28	41	23	32	61	13	32	10	28.5	35	2.1	15	1352	8.7
29	41	23	32	59	12	31	10	29.3	35	2.1	15	1367	9.0
30	<u>42</u>	<u>22</u>	<u>32</u>	<u>58</u>	<u>12</u>	<u>30</u>	<u>10</u>	<u>29.1</u>	<u>35</u>	<u>2.0</u>	<u>15</u>	<u>1382</u>	<u>8.9</u>
AVG	39	20	30	60	12	30	8	29.8	33	2.0	14		
SUM											412		263.0

PPT= 0.9

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	42	23	33	58	11	29	10	29.7	36	2.0	15	1397	9.1
2	42	23	32	63	12	34	11	28.8	36	2.2	15	1412	8.8
3	41	23	32	67	13	36	12	29.1	35	2.3	15	1428	8.9
4	41	23	32	68	12	35	12	30.1	35	2.2	15	1443	9.1
5	41	23	32	73	16	39	14	28.6	35	2.1	15	1458	8.5
6	40	24	32	76	23	46	16	27.2	35	2.4	15	1474	8.0
7	40	25	32	73	21	44	16	27.3	35	2.2	16	1489	8.1
8	41	24	32	68	19	41	15	28.2	35	2.5	16	1505	8.7
9	40	25	33	70	21	42	16	27.7	35	2.4	16	1521	8.3
10	40	26	33	70	21	42	17	28.1	36	2.5	16	1537	8.5
11	40	25	32	69	18	40	15	26.9	36	2.1	16	1553	8.1
12	41	23	32	70	17	39	14	28.0	36	1.8	15	1568	8.1
13	41	24	33	70	16	39	14	26.5	36	1.7	16	1584	7.8
14	41	25	33	64	16	36	13	27.1	36	1.9	16	1600	8.2
15	40	25	32	69	18	40	14	25.7	35	2.1	16	1616	7.7
16	41	24	32	68	16	38	14	27.7	35	2.0	16	1631	8.3
17	41	25	33	69	16	38	14	28.3	36	2.1	16	1647	8.5
18	41	24	32	69	17	39	14	26.5	35	2.0	16	1663	7.9
19	41	24	32	68	17	39	14	28.1	36	2.0	16	1679	8.3
20	41	25	33	67	20	39	16	27.8	36	2.5	16	1695	8.6
21	39	25	32	73	22	44	16	25.4	35	2.3	16	1710	7.6
22	40	24	32	78	18	44	16	27.9	35	1.9	15	1726	8.1
23	40	24	32	76	20	44	16	27.6	35	2.1	16	1741	8.1
24	41	24	33	74	17	41	15	28.5	35	2.2	16	1757	8.6
25	42	25	33	71	16	40	15	28.6	36	2.2	16	1773	8.7
26	42	25	33	67	17	39	15	27.1	36	2.0	16	1789	8.2
27	42	25	33	74	20	43	16	26.5	36	2.1	16	1805	7.9
28	42	25	33	74	21	45	17	26.1	36	2.3	16	1821	7.9
29	41	27	33	73	22	45	18	24.9	35	2.3	16	1837	7.5
30	41	26	33	72	20	45	17	24.9	36	2.3	16	1853	7.5
31	<u>42</u>	<u>25</u>	<u>33</u>	<u>78</u>	<u>19</u>	<u>45</u>	<u>17</u>	<u>27.7</u>	<u>36</u>	<u>2.0</u>	<u>16</u>	<u>1869</u>	<u>8.2</u>
AVG	41	24	33	70	18	40	15	27.5	36	2.2	16		
SUM											472		247.4

PPT= 7.5

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	41	26	34	74	22	44	18	26.8	36	2.3	16	1886	8.1
2	42	27	34	74	20	45	18	26.0	37	2.3	17	1902	8.0
3	42	27	34	70	20	41	17	26.5	37	2.2	17	1919	8.2
4	42	26	34	73	20	43	17	26.5	37	2.1	16	1935	7.9
5	41	26	33	73	23	47	18	25.9	37	2.1	16	1951	7.6
6	41	26	33	74	20	44	17	26.9	36	2.2	16	1968	8.1
7	41	26	33	73	20	43	17	27.0	36	2.3	16	1984	8.2
8	41	26	33	73	22	45	17	25.2	36	2.1	16	2000	7.5
9	40	26	33	72	26	47	18	23.5	36	2.1	16	2016	7.0
10	40	26	33	77	28	50	19	24.5	36	2.1	16	2032	7.2
11	41	26	33	76	25	48	18	25.8	36	2.1	16	2048	7.6
12	40	26	33	78	23	47	18	25.6	36	2.0	16	2064	7.4
13	41	25	33	78	22	47	17	26.0	36	1.8	16	2080	7.5
14	40	25	33	75	23	47	17	26.3	36	2.3	16	2096	7.8
15	40	25	32	75	23	48	17	26.0	36	2.1	16	2112	7.5
16	41	25	33	79	21	48	18	26.0	36	2.0	16	2128	7.6
17	41	25	33	79	21	47	17	26.1	36	2.2	16	2144	7.7
18	41	25	33	78	21	47	17	26.0	36	2.1	16	2160	7.6
19	40	25	32	81	25	50	19	23.6	36	2.0	16	2176	6.8
20	40	25	33	75	22	46	17	25.0	36	1.8	16	2192	7.3
21	40	25	32	78	23	46	17	24.5	36	1.9	16	2208	7.2
22	41	25	33	79	24	48	18	24.3	36	1.9	16	2224	7.1
23	41	25	33	76	23	47	18	24.2	36	1.9	16	2240	7.1
24	40	25	32	78	25	49	18	24.1	36	2.0	16	2255	7.1
25	40	25	32	82	25	51	18	24.2	36	1.8	16	2271	6.8
26	40	24	32	77	25	48	17	24.3	36	1.8	16	2287	7.0
27	40	25	32	80	27	52	19	23.6	36	1.9	16	2303	6.7
28	41	25	32	82	22	50	18	24.2	36	1.8	16	2318	7.0
29	40	25	32	81	28	54	19	22.3	35	2.2	16	2334	6.5
30	40	26	32	79	22	51	18	23.7	35	2.1	16	2351	6.9
31	<u>40</u>	<u>25</u>	<u>32</u>	<u>77</u>	<u>20</u>	<u>47</u>	<u>17</u>	<u>24.4</u>	<u>36</u>	<u>2.0</u>	<u>16</u>	<u>2366</u>	<u>7.2</u>
AVG	41	26	33	77	23	47	18	25.2	36	2.1	16		
SUM											481		222.0

PPT= 7.4

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	40	26	32	75	21	46	17	21.9	35	2.0	16	2382	6.6
2	40	25	32	78	23	49	17	23.6	35	1.9	16	2398	6.8
3	40	25	32	80	26	50	19	23.2	35	2.1	16	2414	6.8
4	39	24	31	81	24	52	18	22.5	35	2.0	16	2430	6.4
5	39	24	31	81	22	50	17	22.6	34	2.0	15	2445	6.5
6	40	24	31	80	20	49	16	24.0	34	1.7	15	2460	6.8
7	41	23	32	79	19	44	16	23.6	35	1.4	15	2476	6.8
8	41	23	32	77	18	42	15	24.3	34	1.6	15	2491	7.0
9	40	22	31	76	17	45	14	23.1	34	1.8	15	2506	6.7
10	40	24	31	80	20	47	16	23.6	34	1.8	15	2521	6.8
11	40	23	31	82	18	47	15	23.8	34	1.7	15	2536	6.8
12	40	23	31	77	17	43	14	23.8	34	1.7	15	2551	6.8
13	38	23	30	77	19	45	14	23.3	33	1.9	15	2566	6.7
14	38	22	30	80	22	49	15	22.7	32	1.8	14	2580	6.3
15	38	22	30	80	22	49	15	22.6	32	1.7	15	2595	6.3
16	39	23	30	78	20	48	15	22.2	33	1.8	15	2610	6.3
17	38	22	30	82	22	48	16	22.0	32	1.8	15	2625	6.2
18	37	22	29	79	20	46	14	22.1	32	1.7	14	2639	6.2
19	37	21	29	78	21	48	14	22.0	32	1.9	14	2653	6.2
20	37	22	29	80	22	50	15	22.1	31	2.1	14	2667	6.3
21	35	21	28	80	26	53	15	19.8	31	1.9	14	2681	5.4
22	36	20	28	81	23	51	14	21.5	30	1.7	14	2695	5.8
23	37	20	28	82	23	51	14	21.7	30	1.5	14	2708	5.8
24	37	21	29	83	22	51	15	20.3	31	1.4	14	2722	5.5
25	37	21	28	80	20	48	13	20.6	31	1.6	14	2736	5.6
26	38	21	29	79	17	45	12	21.2	31	1.6	14	2750	6.0
27	38	21	29	74	17	42	12	21.2	31	1.5	14	2764	6.0
28	38	19	29	72	14	39	10	21.6	30	1.6	14	2778	6.3
29	38	20	28	71	15	40	10	21.0	30	1.6	14	2792	6.1
30	<u>37</u>	<u>20</u>	<u>28</u>	<u>71</u>	<u>14</u>	<u>40</u>	<u>10</u>	<u>20.1</u>	<u>30</u>	<u>1.6</u>	<u>14</u>	<u>2805</u>	<u>5.8</u>
AVG	38	22	30	78	20	47	15	22.3	32	1.8	15		
SUM											439		189.8

PPT= 16.5

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	37	19	28	77	17	44	11	20.1	30	1.4	13	2818	5.5
2	37	19	28	83	18	46	12	20.7	30	1.3	13	2831	5.6
3	37	19	27	77	18	45	11	20.5	29	1.7	13	2845	5.8
4	36	19	27	78	18	45	11	20.0	29	1.8	13	2858	5.7
5	36	19	27	76	19	47	11	20.5	29	1.6	13	2871	5.6
6	35	18	26	78	17	45	10	19.7	29	1.7	13	2883	5.5
7	35	17	25	76	15	41	8	19.7	28	1.6	12	2895	5.4
8	35	17	26	75	16	41	9	20.3	27	1.5	12	2907	5.5
9	36	17	26	74	15	40	8	19.8	27	1.5	12	2919	5.5
10	36	17	25	75	14	40	8	19.7	27	1.6	12	2931	5.5
11	34	17	25	74	19	43	8	17.7	26	1.6	11	2942	4.8
12	34	17	25	83	18	46	10	19.0	26	1.7	11	2953	5.2
13	34	16	25	76	18	43	9	19.2	26	1.6	11	2964	5.2
14	34	17	25	71	14	41	7	19.0	26	1.6	11	2976	5.3
15	33	16	24	77	19	46	9	18.5	26	1.6	11	2986	4.9
16	32	16	23	81	19	49	9	17.7	26	1.6	10	2997	4.6
17	32	15	23	79	21	48	8	18.3	25	1.6	10	3007	4.7
18	33	15	23	79	18	45	8	17.9	25	1.5	11	3018	4.7
19	32	15	23	82	19	49	8	17.4	25	1.5	10	3028	4.6
20	32	15	23	79	17	46	8	18.3	25	1.5	10	3038	4.7
21	31	15	23	76	23	49	9	16.3	25	1.8	10	3048	4.3
22	30	15	22	82	27	53	9	15.6	24	1.7	10	3058	3.9
23	30	15	22	79	25	52	9	16.4	24	1.4	10	3067	4.0
24	30	14	22	83	24	52	8	16.5	24	1.4	9	3077	4.0
25	30	14	22	78	22	48	8	16.9	24	1.7	9	3086	4.4
26	30	13	21	82	21	48	7	16.9	23	1.5	8	3094	4.2
27	29	14	21	81	21	49	7	15.5	23	1.4	9	3103	3.7
28	29	13	20	84	24	52	8	15.8	22	1.4	8	3111	3.7
29	28	13	20	80	26	52	7	15.7	22	1.6	8	3119	3.8
30	28	13	20	79	23	49	6	15.4	22	1.7	8	3126	3.9
<u>31</u>	<u>27</u>	<u>13</u>	<u>20</u>	<u>77</u>	<u>25</u>	<u>48</u>	<u>6</u>	<u>15.3</u>	<u>22</u>	<u>1.7</u>	<u>7</u>	<u>3134</u>	<u>3.8</u>
AVG	33	16	24	78	20	46	9	18.1	26	1.6	11		
SUM											329		147.9

PPT= 6.0

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	28	11	19	77	23	48	5	15.2	21	1.5	7	3141	3.7
2	28	11	19	76	22	46	5	15.4	21	1.5	7	3148	3.8
3	27	11	19	73	22	42	4	15.4	21	1.7	7	3154	4.0
4	27	11	19	77	21	45	5	14.5	21	1.4	7	3161	3.5
5	28	11	18	84	21	52	5	15.1	21	1.3	7	3168	3.4
6	27	12	19	80	20	48	5	15.3	21	1.5	7	3175	3.7
7	27	11	18	81	23	52	5	15.1	21	1.6	7	3182	3.6
8	27	10	18	82	24	51	5	15.4	21	1.6	7	3188	3.7
9	27	11	19	80	25	49	6	14.4	21	1.6	7	3195	3.5
10	26	11	18	82	25	51	6	13.4	20	1.4	7	3202	3.1
11	26	11	18	84	27	53	6	13.4	20	1.7	6	3208	3.2
12	26	11	17	82	25	52	5	13.2	20	1.6	6	3214	3.1
13	27	10	18	80	23	49	5	14.2	19	1.5	6	3220	3.4
14	25	10	17	85	24	54	5	13.1	19	1.8	6	3226	3.1
15	25	8	16	85	21	51	3	14.0	18	1.4	5	3231	3.1
16	25	8	16	83	22	52	3	13.8	18	1.3	5	3236	3.0
17	24	8	16	82	24	53	4	13.5	18	1.4	5	3241	2.9
18	24	9	16	84	24	53	4	13.9	17	1.6	5	3246	3.1
19	25	8	16	76	20	45	2	13.5	17	1.4	5	3250	3.2
20	24	8	16	76	20	44	2	13.2	17	1.4	5	3255	3.1
21	24	8	15	79	22	47	2	12.8	17	1.3	5	3260	2.9
22	24	8	16	79	21	48	3	12.5	17	1.7	5	3265	3.0
23	24	8	15	77	19	47	1	13.5	17	1.5	5	3269	3.1
24	24	7	15	77	21	46	1	12.7	16	1.5	4	3274	3.0
25	23	8	15	74	21	45	1	12.5	16	1.7	4	3278	3.0
26	23	8	15	75	24	48	2	12.2	16	2.0	4	3282	2.9
27	21	6	14	73	19	39	-1	13.0	15	1.8	3	3285	3.2
28	22	6	13	67	19	40	-2	13.0	15	1.6	3	3288	3.0
29	22	6	14	69	20	43	1	12.8	15	1.6	3	3291	3.0
30	<u>22</u>	<u>6</u>	<u>13</u>	<u>70</u>	<u>22</u>	<u>45</u>	<u>0</u>	<u>12.0</u>	<u>15</u>	<u>1.5</u>	<u>3</u>	<u>3294</u>	<u>2.7</u>
AVG	25	9	16	78	22	48	3	13.7	18	1.5	5		
SUM											161		96.8

PPT= 2.2

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	

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	22	5	13	79	22	47	0	12.8	15	1.3	3	3298	2.7
2	22	5	13	73	21	45	0	12.7	15	1.5	3	3301	2.8
3	22	7	14	72	23	45	0	11.8	15	1.7	3	3305	2.8
4	21	7	13	73	28	48	1	11.1	15	1.5	3	3308	2.5
5	21	7	13	77	28	51	1	11.4	15	1.5	3	3311	2.4
6	22	7	13	81	31	56	3	10.9	14	1.5	3	3314	2.2
7	22	6	14	79	29	53	2	12.2	14	1.7	4	3317	2.7
8	21	7	14	77	26	49	1	11.4	14	1.9	3	3320	2.7
9	21	6	13	79	28	51	1	11.7	14	1.8	3	3323	2.6
10	20	7	13	77	31	53	2	11.3	14	1.7	3	3326	2.4
11	20	6	13	77	31	53	2	11.6	14	1.9	3	3329	2.6
12	20	6	13	80	27	50	1	11.2	13	1.8	2	3331	2.4
13	20	4	12	79	27	51	0	12.2	13	1.5	2	3334	2.5
14	20	5	12	82	23	47	0	11.8	13	1.7	2	3336	2.6
15	19	5	11	78	24	50	-1	11.5	12	1.8	2	3338	2.5
16	19	5	12	82	22	48	0	11.5	12	1.6	2	3340	2.5
17	20	5	12	80	24	50	0	10.9	12	1.7	2	3343	2.4
18	19	6	12	81	34	57	2	11.6	13	1.9	2	3345	2.4
19	19	5	12	81	33	55	1	11.0	12	1.7	2	3347	2.3
20	19	5	12	81	28	51	1	11.8	12	1.6	2	3349	2.4
21	19	4	11	82	28	52	0	11.1	12	1.7	2	3351	2.2
22	18	5	11	81	28	52	-1	11.2	12	1.8	2	3352	2.2
23	18	5	11	77	28	50	-1	11.2	12	1.7	2	3354	2.4
24	18	5	11	67	25	43	-3	11.9	12	1.8	2	3356	2.6
25	18	4	11	73	24	42	-2	11.2	11	1.8	2	3358	2.6
26	18	4	11	73	26	46	-2	11.1	11	1.6	2	3360	2.3
27	19	4	11	77	26	49	-1	10.9	11	1.4	2	3361	2.2
28	19	5	11	83	36	58	2	10.2	12	1.4	2	3363	1.9
29	19	5	12	82	34	59	2	10.9	12	1.3	2	3366	2.0
30	20	5	12	78	28	53	1	11.9	12	1.5	2	3368	2.4
<u>31</u>	<u>20</u>	<u>5</u>	<u>12</u>	<u>80</u>	<u>30</u>	<u>55</u>	<u>1</u>	<u>11.6</u>	<u>12</u>	<u>1.3</u>	<u>2</u>	<u>3371</u>	<u>2.3</u>
AVG	20	5	12	78	27	51	1	11.5	13	1.6			
SUM											76		75.7

PPT= 10.9

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
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For Years 1987-2001	