

MARICOPA 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	19	2	9	90	31	63	0	11.6	10	1.6	2	2	2.0
2	19	2	9	89	32	63	1	10.3	10	1.8	2	3	1.9
3	18	2	10	89	35	64	1	10.2	10	1.8	2	5	1.8
4	18	3	10	90	42	67	1	10.1	11	1.8	1	7	1.7
5	17	4	10	88	43	66	2	9.1	11	2.1	1	8	1.6
6	17	3	9	90	42	67	2	9.9	10	2.0	1	9	1.7
7	17	1	8	91	39	68	1	11.1	10	1.7	1	10	1.7
8	17	1	8	92	36	68	0	11.5	10	1.7	1	11	1.8
9	18	0	8	92	36	67	0	11.5	10	1.6	1	13	1.8
10	19	1	9	90	34	66	0	11.3	10	1.6	2	15	1.9
11	19	2	10	89	34	64	0	10.5	10	1.7	2	16	1.8
12	19	2	10	86	32	61	0	11.7	10	2.0	2	18	2.2
13	19	2	10	88	34	63	0	12.2	10	1.8	2	20	2.1
14	19	1	9	90	32	65	0	12.0	10	1.5	2	22	2.0
15	18	1	9	91	33	64	0	11.4	10	1.7	2	23	2.0
16	18	2	9	89	33	63	0	11.3	10	1.9	2	25	2.0
17	18	2	10	87	31	61	0	11.7	11	2.5	2	27	2.3
18	18	2	9	86	34	60	-1	12.0	10	2.3	2	29	2.2
19	19	1	9	86	29	60	-1	13.3	10	1.9	2	31	2.5
20	18	3	10	90	30	62	1	12.5	11	2.0	2	33	2.4
21	18	2	10	86	29	59	-1	12.7	11	1.9	2	34	2.5
22	19	2	10	85	28	58	0	12.4	11	1.7	2	36	2.3
23	20	2	10	88	26	59	-1	13.4	11	1.4	2	38	2.4
24	20	2	10	89	23	56	-1	13.3	11	1.6	2	40	2.5
25	20	3	11	85	25	53	-1	12.4	11	2.1	2	42	2.5
26	19	3	11	87	30	60	0	12.9	11	1.9	2	44	2.5
27	19	3	10	86	30	61	0	12.5	11	1.8	2	46	2.3
28	20	2	10	86	29	59	0	13.8	11	1.8	2	48	2.6
29	20	1	10	85	25	56	-1	14.7	11	1.9	2	50	2.9
30	20	2	11	79	21	49	-2	14.1	11	2.2	2	53	3.1
31	<u>20</u>	<u>2</u>	<u>11</u>	<u>85</u>	<u>25</u>	<u>52</u>	<u>-1</u>	<u>12.9</u>	<u>11</u>	<u>2.0</u>	<u>2</u>	<u>55</u>	<u>2.7</u>
AVG	19	2	10	88	32	61	0	12.0	11	1.8	2		
SUM											55		67.6

PPT= 17.9

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	

**MARICOPA 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	19	3	11	83	31	58	0	13.4	12	2.0	2	57	2.7
2	20	3	11	84	28	58	0	14.3	12	1.9	2	59	2.8
3	21	2	11	86	26	59	0	14.3	12	1.7	3	62	2.7
4	21	4	12	85	27	58	1	13.2	12	2.0	3	65	2.7
5	21	3	12	85	27	58	1	14.6	13	2.1	3	67	3.1
6	21	3	12	79	24	54	0	15.9	13	2.4	3	70	3.6
7	21	5	12	78	28	54	0	14.0	13	2.3	3	73	3.2
8	20	5	12	85	38	62	2	11.3	13	2.2	3	76	2.3
9	22	5	13	83	30	59	1	15.0	13	1.9	3	79	3.0
10	21	5	13	82	29	57	1	15.3	13	2.0	3	82	3.1
11	21	5	13	84	29	57	2	15.3	13	2.2	3	84	3.3
12	21	5	13	83	27	56	1	14.9	13	2.3	3	87	3.3
13	21	5	13	83	31	58	2	13.8	13	2.6	3	90	3.1
14	20	4	12	80	33	57	1	13.8	13	2.5	2	92	3.0
15	21	4	12	77	29	54	0	15.9	13	2.0	3	95	3.1
16	21	4	12	80	26	54	0	15.5	13	2.0	3	98	3.2
17	21	5	13	81	27	54	1	14.7	13	2.1	3	101	3.1
18	21	5	13	78	24	53	0	16.0	14	2.3	3	104	3.4
19	21	5	13	81	25	53	0	16.3	13	2.5	3	107	3.6
20	22	4	13	80	27	52	0	15.8	14	2.1	3	110	3.5
21	22	5	13	79	27	53	1	16.9	14	2.2	3	113	3.7
22	22	4	13	80	23	51	-1	17.3	14	1.8	3	116	3.6
23	22	4	13	74	20	45	-2	17.4	14	2.0	3	119	3.8
24	22	4	13	76	23	47	-1	16.0	14	2.4	3	122	3.6
25	21	5	13	77	26	50	0	15.4	14	2.0	3	125	3.3
26	22	5	13	79	23	51	0	16.2	14	1.9	4	129	3.4
27	22	5	13	84	25	52	1	16.5	14	2.1	3	132	3.5
28	<u>21</u>	<u>6</u>	<u>13</u>	<u>84</u>	<u>29</u>	<u>57</u>	<u>2</u>	<u>17.0</u>	<u>14</u>	<u>2.2</u>	<u>3</u>	<u>135</u>	<u>3.5</u>
AVG	21	4	12	81	27	55	1	15.2	13	2.1	3		
SUM											80		90.2

PPT= 21.1

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	

MARICOPA 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	21	6	13	81	25	54	0	17.8	14	2.3	3	138	3.8
2	21	5	13	87	27	58	2	17.0	15	1.9	3	141	3.3
3	23	5	14	87	25	56	2	18.4	15	1.8	4	145	3.8
4	24	6	15	80	23	50	1	19.2	16	2.0	4	149	4.3
5	24	7	15	77	22	49	1	18.5	16	2.5	4	154	4.4
6	23	7	15	75	23	49	0	18.1	16	2.5	4	158	4.3
7	22	6	13	82	26	54	1	18.0	15	2.4	3	161	3.9
8	23	5	14	83	26	55	1	19.7	16	1.8	4	164	4.1
9	25	5	15	79	24	50	1	19.2	16	1.6	4	169	4.2
10	25	6	15	78	19	47	0	20.2	16	2.0	4	173	4.7
11	24	6	15	78	19	45	0	19.2	16	2.6	4	177	4.7
12	24	6	15	78	18	47	0	21.6	16	1.9	4	182	4.8
13	24	6	15	76	18	44	-1	19.1	16	2.2	4	186	4.5
14	24	6	15	75	20	46	0	19.6	16	2.0	4	190	4.4
15	25	6	15	79	19	47	0	19.9	17	2.3	5	195	4.8
16	24	7	16	81	21	50	1	20.8	17	2.2	5	200	4.8
17	25	7	16	76	20	47	1	21.4	17	2.0	5	205	4.9
18	26	7	17	78	16	44	0	22.1	18	1.9	5	210	5.2
19	27	7	17	78	17	44	1	21.5	18	2.3	6	216	5.4
20	27	7	17	73	15	42	0	21.3	18	2.3	6	221	5.4
21	26	7	17	73	17	43	0	21.1	18	2.2	5	227	5.1
22	27	8	17	73	15	40	0	23.3	18	2.2	6	232	5.7
23	27	8	17	71	15	39	0	23.5	19	2.5	6	238	6.0
24	27	8	17	73	14	39	0	23.2	19	2.1	6	244	5.7
25	27	8	17	70	14	36	0	22.3	18	2.7	6	250	5.9
26	23	8	16	77	26	51	2	18.5	18	2.8	4	254	4.4
27	24	8	16	79	24	52	2	21.1	17	2.6	5	258	5.0
28	24	8	16	74	24	50	1	21.9	17	2.7	4	263	5.3
29	24	7	15	76	23	50	1	23.3	18	2.3	4	267	5.3
30	25	8	16	76	19	45	1	24.4	19	2.2	5	272	5.7
31	<u>26</u>	<u>8</u>	<u>17</u>	<u>78</u>	<u>19</u>	<u>46</u>	<u>1</u>	<u>23.6</u>	<u>19</u>	<u>2.2</u>	<u>5</u>	<u>277</u>	<u>5.6</u>
AVG	25	7	16	77	20	47	1	20.6	17	2.2	5		
SUM											142		149.5

PPT= 21.9

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

MARICOPA 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	25	8	16	79	22	49	2	21.4	19	2.4	5	283	5.2
2	25	8	17	72	20	44	1	23.9	19	2.5	5	288	5.7
3	27	8	17	73	18	43	1	24.4	19	2.2	6	293	6.0
4	26	9	18	78	20	44	2	22.7	19	2.2	6	299	5.5
5	27	9	18	75	20	43	2	23.7	20	2.4	6	305	5.9
6	28	9	19	71	17	40	1	25.8	20	2.4	6	312	6.5
7	28	10	19	66	15	37	0	24.7	20	2.4	7	318	6.4
8	29	10	19	66	14	35	0	25.7	20	2.2	7	325	6.7
9	29	10	19	60	11	30	-2	26.8	20	2.6	7	332	7.3
10	28	9	19	56	12	29	-2	26.5	21	2.6	7	339	7.2
11	29	9	19	59	11	30	-2	26.5	21	2.6	7	345	7.2
12	29	9	19	60	12	30	-2	25.8	21	2.6	7	352	7.0
13	28	9	19	60	12	29	-1	25.9	21	2.2	7	359	6.7
14	29	9	19	58	12	29	-1	26.6	21	2.2	7	366	7.0
15	29	9	20	59	11	30	-1	24.9	21	2.1	7	373	6.5
16	30	10	20	59	13	31	-1	25.4	21	2.6	7	381	7.0
17	30	11	20	60	15	34	0	25.1	21	2.6	8	388	6.9
18	30	11	21	60	14	33	1	25.2	22	2.3	8	396	6.8
19	30	11	21	59	13	30	0	25.7	22	2.2	8	404	6.9
20	32	10	21	56	11	27	-1	27.1	22	2.5	8	412	7.6
21	31	12	22	57	13	30	0	25.3	22	2.8	8	421	7.3
22	30	12	21	56	15	33	1	27.0	22	2.6	8	429	7.3
23	31	12	22	58	12	30	0	27.7	22	2.7	8	437	7.8
24	29	11	21	57	13	30	0	26.8	22	2.8	7	445	7.5
25	30	11	21	61	13	32	1	27.5	23	2.5	8	452	7.5
26	32	11	22	62	11	30	1	28.1	23	2.2	8	461	7.5
27	33	13	23	55	11	27	1	27.4	23	2.4	10	470	7.7
28	32	13	23	48	10	24	-1	28.0	23	2.9	10	480	8.4
29	32	12	22	49	10	24	-1	28.4	23	2.5	9	489	8.0
30	<u>32</u>	<u>13</u>	<u>23</u>	<u>48</u>	<u>11</u>	<u>25</u>	<u>-1</u>	<u>27.9</u>	<u>24</u>	<u>2.4</u>	<u>9</u>	<u>498</u>	<u>7.9</u>
AVG	29	10	20	61	14	33	0	25.9	21	2.4	7		
SUM											221		209.0

PPT= 7.7

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	

MARICOPA 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	32	13	23	45	11	24	-1	28.8	24	3.0	9	507	8.5
2	32	12	23	42	10	22	-3	29.0	24	2.5	9	516	8.3
3	33	13	23	41	10	21	-2	28.3	24	2.4	9	526	8.0
4	34	13	24	44	10	22	-1	29.1	24	2.6	10	536	8.6
5	34	13	24	45	11	24	-1	28.5	24	2.8	10	546	8.5
6	33	13	23	49	11	24	0	28.4	24	2.7	10	555	8.3
7	34	13	24	51	10	25	0	29.3	24	2.5	10	565	8.4
8	34	15	25	47	10	24	1	29.3	25	2.9	11	576	8.9
9	34	15	25	48	10	24	1	27.8	25	2.7	11	586	8.4
10	34	15	25	49	11	25	1	28.2	25	2.8	11	597	8.4
11	33	15	24	48	10	25	1	29.0	26	2.5	10	607	8.3
12	35	15	25	49	10	24	1	29.1	25	2.6	11	618	8.6
13	35	15	26	47	11	24	1	28.5	26	2.6	11	629	8.5
14	35	16	26	47	10	23	1	29.7	26	2.6	11	640	8.8
15	35	16	26	46	10	23	1	29.0	26	2.6	11	651	8.7
16	34	16	25	45	10	24	0	28.4	25	2.8	11	662	8.6
17	35	16	26	46	10	24	1	29.5	26	2.5	11	674	8.6
18	35	16	26	44	10	22	2	29.3	26	2.5	12	685	8.7
19	35	16	26	47	11	25	2	27.1	26	2.6	12	697	8.2
20	35	16	25	47	11	26	2	26.8	26	2.5	12	708	7.9
21	35	14	25	51	10	26	1	29.6	25	2.4	11	719	8.6
22	36	15	26	44	8	21	-1	29.9	26	2.5	11	730	9.0
23	36	16	27	41	10	21	0	29.5	27	2.6	12	742	8.9
24	35	17	26	45	11	24	1	28.6	26	2.8	12	754	8.8
25	34	16	26	45	14	27	2	28.5	26	2.7	11	765	8.6
26	35	16	26	47	12	27	2	29.8	26	2.3	11	776	8.5
27	36	17	27	49	10	25	3	29.8	27	2.4	12	788	8.9
28	36	17	27	50	9	23	2	29.2	27	2.5	12	800	8.7
29	36	17	27	45	11	25	2	30.1	27	2.6	12	812	9.1
30	36	17	27	44	10	23	1	30.3	27	2.5	12	824	9.0
31	<u>36</u>	<u>17</u>	<u>27</u>	<u>41</u>	<u>9</u>	<u>20</u>	<u>1</u>	<u>30.8</u>	<u>28</u>	<u>2.4</u>	<u>12</u>	<u>836</u>	<u>9.2</u>
AVG	34	15	25	46	10	24	1	28.9	26	2.6	11		
SUM											326		257.3

PPT= 4.3

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	

MARICOPA 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	17	28	39	8	18	1	29.8	28	2.6	12	848	9.2
2	38	17	28	45	8	21	1	31.2	27	2.4	12	861	9.4
3	38	17	28	41	8	19	1	31.3	28	2.4	13	873	9.6
4	38	18	28	38	8	19	0	31.1	28	2.6	13	886	9.5
5	38	18	29	34	9	17	0	30.2	28	3.0	13	899	9.9
6	37	17	28	42	10	21	1	30.5	28	2.7	12	911	9.5
7	37	17	27	46	9	22	2	30.2	28	2.5	12	923	9.1
8	37	17	27	45	10	24	2	30.4	28	2.3	12	935	8.9
9	38	17	28	47	9	22	2	30.6	28	2.1	13	948	9.0
10	38	18	29	43	8	21	1	30.3	28	2.3	13	961	9.1
11	39	19	29	39	8	19	1	30.7	28	2.2	13	974	9.2
12	39	19	29	38	8	19	1	29.4	28	2.5	13	987	9.3
13	39	19	30	40	9	19	2	30.7	28	2.7	13	1001	9.7
14	39	19	30	37	8	18	1	31.2	28	2.7	13	1014	10.0
15	39	19	30	37	8	18	1	30.7	28	2.6	13	1027	9.9
16	39	19	30	39	8	19	2	31.1	29	2.4	13	1041	9.7
17	39	19	30	43	9	21	3	29.5	29	2.2	13	1054	8.9
18	40	19	30	50	9	22	4	29.7	29	2.1	13	1067	8.9
19	41	20	31	46	9	23	4	29.6	29	2.1	14	1081	8.9
20	40	21	31	45	11	24	5	28.3	29	2.3	14	1096	8.8
21	40	20	31	46	9	22	4	30.3	30	2.3	14	1110	9.4
22	40	20	30	42	9	21	3	29.7	30	2.2	14	1124	9.1
23	41	20	31	47	9	22	4	31.4	30	2.4	14	1138	9.7
24	41	21	32	44	8	21	4	30.6	30	2.2	15	1152	9.4
25	41	21	32	45	8	21	4	29.4	29	2.4	14	1167	9.4
26	41	20	32	44	9	22	4	30.3	29	2.2	14	1181	9.5
27	41	22	32	43	9	21	5	29.2	30	2.4	15	1196	9.3
28	41	22	32	47	10	23	6	29.7	30	2.5	15	1210	9.5
29	41	22	32	52	10	26	8	29.8	31	2.3	15	1225	9.3
30	<u>41</u>	<u>23</u>	<u>32</u>	<u>50</u>	<u>10</u>	<u>25</u>	<u>7</u>	<u>29.9</u>	<u>30</u>	<u>2.5</u>	<u>15</u>	<u>1240</u>	<u>9.5</u>
AVG	39	19	30	43	9	21	3	30.2	29	2.4	13		
SUM											404		280.6

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	

MARICOPA 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	22	32	47	10	24	7	30.1	31	2.3	15	1255	9.4
2	42	22	32	52	10	26	7	29.7	31	2.3	15	1270	9.3
3	41	23	32	51	11	27	8	30.1	31	2.4	15	1285	9.4
4	41	23	32	51	11	26	8	30.8	31	2.5	15	1301	9.7
5	40	23	32	57	15	31	10	28.5	32	2.4	15	1316	8.8
6	40	23	32	58	19	35	11	26.9	32	2.3	15	1331	8.2
7	40	23	31	69	19	41	13	27.2	32	2.2	15	1346	7.9
8	40	23	32	66	20	39	13	27.9	32	2.5	15	1362	8.4
9	40	23	31	64	19	39	13	27.3	32	2.5	15	1377	8.2
10	40	23	31	68	18	41	13	27.3	31	2.4	15	1392	8.0
11	39	23	31	70	21	42	13	27.5	31	2.4	15	1407	8.1
12	40	23	31	63	16	36	11	28.0	30	2.3	15	1422	8.4
13	41	23	32	63	15	35	11	27.3	31	2.0	15	1437	8.0
14	40	23	32	61	17	36	11	26.7	31	2.4	15	1452	8.1
15	40	22	31	61	20	38	11	26.2	31	2.1	15	1467	7.7
16	39	24	31	60	18	37	12	25.7	31	2.2	15	1482	7.7
17	40	23	32	65	16	36	12	27.6	31	2.5	15	1497	8.5
18	40	23	31	66	17	39	12	27.4	31	2.3	15	1513	8.2
19	40	23	32	67	15	37	12	28.7	32	2.1	15	1528	8.4
20	40	24	32	66	16	38	13	27.6	31	2.4	16	1543	8.4
21	40	24	32	67	17	39	13	26.8	32	2.5	16	1559	8.2
22	39	23	31	67	18	39	13	27.6	32	2.3	15	1574	8.2
23	40	23	32	65	17	38	12	27.5	32	2.2	15	1589	8.1
24	40	23	32	67	18	39	12	27.6	32	2.3	15	1604	8.2
25	41	23	32	70	17	40	13	28.2	33	2.1	15	1620	8.3
26	41	23	32	71	14	40	13	27.3	32	2.0	15	1635	8.0
27	41	23	32	74	15	39	13	27.5	31	2.3	15	1650	8.2
28	40	23	32	72	19	42	14	27.8	31	2.3	15	1665	8.2
29	40	24	32	77	21	44	15	25.3	32	2.3	15	1681	7.4
30	39	23	31	79	24	51	16	25.6	32	2.2	15	1696	7.2
31	<u>40</u>	<u>24</u>	<u>32</u>	<u>77</u>	<u>19</u>	<u>45</u>	<u>16</u>	<u>27.0</u>	<u>32</u>	<u>2.1</u>	<u>16</u>	<u>1712</u>	<u>7.8</u>
AVG	40	23	32	64	17	37	12	27.7	31	2.3	15		
SUM											456		248.8

PPT= 19.3

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	

MARICOPA 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	40	24	32	74	18	42	15	27.3	32	2.3	16	1727	8.1
2	40	25	32	70	20	43	15	27.2	33	2.2	16	1743	7.9
3	40	24	32	75	20	44	16	26.6	33	2.4	16	1759	7.8
4	40	24	32	79	20	46	16	26.6	32	2.3	15	1774	7.8
5	40	24	32	75	21	45	16	26.5	32	2.2	16	1790	7.7
6	40	24	32	72	21	41	15	26.8	33	2.4	16	1806	8.0
7	40	24	31	72	19	41	14	26.9	32	2.6	15	1821	8.1
8	39	23	31	77	21	45	15	24.7	32	2.4	15	1836	7.2
9	38	24	31	78	23	49	16	25.4	31	2.2	15	1851	7.2
10	39	24	31	78	22	48	17	25.3	32	2.2	16	1867	7.2
11	39	24	31	81	23	49	17	25.1	32	2.4	15	1882	7.3
12	39	23	31	79	20	47	16	25.8	32	2.2	15	1897	7.4
13	40	23	31	73	18	43	14	26.4	32	2.2	15	1913	7.7
14	39	24	31	75	24	47	16	23.4	32	2.7	15	1928	7.2
15	39	23	31	74	22	46	15	25.6	32	2.2	15	1943	7.4
16	39	23	31	77	20	45	15	25.7	32	2.1	15	1958	7.4
17	39	23	31	77	21	47	15	25.5	31	2.2	15	1973	7.3
18	39	23	31	78	20	46	15	25.2	32	2.0	15	1988	7.2
19	39	23	31	76	21	45	16	25.2	32	2.3	15	2003	7.4
20	39	23	31	77	20	47	16	25.8	32	2.1	15	2018	7.3
21	39	24	31	73	22	46	15	24.4	32	2.2	15	2034	7.2
22	39	23	31	78	21	46	15	25.6	32	2.0	15	2049	7.3
23	39	23	30	75	23	46	15	23.1	32	2.1	15	2063	6.6
24	38	23	30	73	22	47	14	24.5	31	2.4	15	2078	7.0
25	38	22	30	80	21	49	15	24.9	31	1.8	15	2093	6.9
26	38	22	30	80	22	49	15	23.5	31	1.8	15	2108	6.5
27	37	23	29	81	26	53	16	22.2	31	1.9	15	2122	6.0
28	39	22	30	86	21	53	16	24.3	31	1.9	15	2137	6.6
29	38	22	30	83	25	52	16	23.1	31	2.2	15	2152	6.5
30	38	22	30	84	23	51	16	24.6	31	1.9	15	2166	6.8
31	<u>38</u>	<u>22</u>	<u>29</u>	<u>83</u>	<u>24</u>	<u>52</u>	<u>16</u>	<u>22.9</u>	<u>31</u>	<u>2.0</u>	<u>15</u>	<u>2181</u>	<u>6.4</u>
AVG	39	23	31	77	21	47	15	25.2	32	2.2	15		
SUM											454		218.0

PPT= 20.6

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	

MARICOPA 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	22	30	78	22	48	15	22.3	30	2.2	15	2196	6.5
2	38	22	29	79	21	49	15	22.6	30	2.1	15	2210	6.5
3	37	22	29	81	22	51	15	22.0	30	2.2	14	2224	6.2
4	37	21	29	80	23	51	14	22.6	30	2.1	14	2239	6.3
5	37	21	29	80	22	51	14	22.9	29	2.0	14	2253	6.3
6	38	21	29	82	20	52	14	24.0	30	1.9	14	2267	6.5
7	39	20	29	83	15	48	12	25.0	30	1.7	14	2281	6.8
8	39	20	29	76	14	42	11	24.6	30	1.7	14	2294	6.9
9	39	19	29	74	15	41	11	22.2	30	2.0	14	2308	6.4
10	39	20	29	77	19	46	13	22.4	30	1.8	14	2322	6.3
11	38	21	29	76	21	47	13	22.5	30	2.2	14	2336	6.5
12	38	20	28	74	17	43	12	24.0	29	2.0	14	2350	6.9
13	37	19	28	76	18	44	12	22.2	29	2.2	13	2363	6.4
14	37	18	27	78	18	43	11	23.5	29	1.9	13	2376	6.5
15	36	18	27	77	20	45	11	22.8	29	2.0	13	2389	6.4
16	37	19	28	76	19	43	12	22.6	29	1.9	13	2402	6.4
17	37	19	28	73	18	44	12	21.8	29	1.9	13	2415	6.2
18	36	19	27	78	20	47	12	21.3	28	1.7	13	2429	5.8
19	37	18	27	76	19	44	11	21.6	28	2.0	13	2441	6.0
20	36	18	27	73	19	45	10	22.1	28	2.2	13	2454	6.3
21	35	18	26	79	22	49	11	20.2	28	2.0	12	2466	5.5
22	36	18	26	79	18	46	11	21.8	28	2.0	13	2479	6.1
23	35	17	26	76	24	48	11	21.0	27	2.1	12	2491	5.9
24	35	18	26	76	22	49	11	20.2	27	1.8	13	2504	5.6
25	36	18	26	76	19	48	11	20.7	27	1.8	13	2516	5.6
26	37	18	27	72	15	42	9	21.9	27	1.8	13	2529	6.1
27	37	17	27	71	14	39	8	21.6	27	1.8	12	2541	6.1
28	37	16	26	71	13	38	7	21.5	27	1.7	12	2554	6.0
29	37	16	26	67	13	35	7	21.1	27	2.0	12	2565	6.3
30	<u>35</u>	<u>16</u>	<u>25</u>	<u>68</u>	<u>16</u>	<u>38</u>	<u>7</u>	<u>19.1</u>	<u>26</u>	<u>2.1</u>	<u>12</u>	<u>2577</u>	<u>5.7</u>
AVG	37	19	28	76	19	45	11	22.1	29	2.0	13		
SUM											396		187.2

PPT= 15.7

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	

MARICOPA 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	36	16	25	65	15	38	6	20.4	26	1.8	11	2588	5.8
2	36	15	25	67	14	38	6	20.6	26	1.7	11	2600	5.8
3	35	17	25	68	16	39	8	19.3	26	2.1	12	2612	5.7
4	35	15	25	68	18	41	7	19.4	25	2.0	11	2623	5.5
5	35	16	25	72	15	40	7	20.1	25	1.8	11	2634	5.5
6	34	14	24	72	16	41	6	19.2	25	1.8	11	2645	5.3
7	33	13	23	72	15	40	5	19.3	24	1.8	10	2654	5.2
8	34	13	22	69	14	39	4	20.0	24	2.0	10	2664	5.5
9	34	13	23	64	15	36	4	19.9	23	2.2	10	2674	5.7
10	34	13	23	67	14	37	4	19.5	24	2.1	10	2684	5.6
11	33	12	22	67	13	36	3	18.5	23	1.7	9	2693	5.0
12	33	12	22	68	14	36	4	18.5	23	1.5	9	2703	4.9
13	33	12	22	66	14	37	3	18.3	23	1.8	9	2712	5.0
14	32	12	21	70	16	38	4	17.9	23	1.9	9	2721	4.9
15	32	12	21	69	17	41	4	18.2	23	1.9	9	2730	4.8
16	31	12	21	70	19	42	4	17.0	22	2.0	8	2738	4.6
17	31	11	21	69	16	41	3	18.7	22	1.6	8	2746	4.8
18	32	11	21	71	15	40	3	18.1	22	1.6	9	2755	4.6
19	31	12	21	69	19	42	4	17.1	22	2.2	9	2764	4.8
20	31	11	20	68	16	40	3	17.8	22	1.9	8	2772	4.7
21	30	11	20	77	20	46	5	15.6	21	2.2	8	2780	4.2
22	28	12	19	76	29	53	6	15.5	20	2.2	8	2788	3.9
23	29	10	19	82	25	52	6	16.5	20	1.8	8	2795	4.0
24	30	11	19	79	22	51	5	16.9	21	1.5	8	2803	3.9
25	29	11	19	77	21	48	5	16.1	21	1.9	7	2811	4.0
26	28	9	18	79	20	48	3	16.3	20	1.7	6	2817	3.9
27	27	9	18	80	26	52	5	14.9	19	1.9	6	2823	3.6
28	27	9	17	81	23	52	4	15.9	19	1.6	6	2830	3.7
29	28	8	17	77	21	48	3	16.6	19	1.5	6	2836	3.8
30	27	8	17	79	23	49	3	15.1	19	1.9	6	2842	3.6
<u>31</u>	<u>26</u>	<u>9</u>	<u>17</u>	<u>77</u>	<u>21</u>	<u>48</u>	<u>3</u>	<u>15.8</u>	<u>19</u>	<u>1.8</u>	<u>6</u>	<u>2848</u>	<u>3.8</u>
AVG	31	12	21	72	18	43	5	17.8	22	1.9	9		
SUM											271		146.2

PPT= 12.4

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	

**MARICOPA 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	26	8	16	76	21	47	2	15.4	18	1.5	6	2854	3.5
2	26	7	16	79	20	49	2	14.7	18	1.6	5	2859	3.4
3	26	7	16	79	22	47	2	14.9	18	1.8	5	2864	3.6
4	25	7	15	78	22	48	2	14.5	17	1.5	5	2869	3.2
5	26	6	15	80	21	51	1	14.6	17	1.4	5	2874	3.1
6	26	6	16	80	22	49	2	14.4	17	1.6	5	2879	3.3
7	26	7	15	75	21	48	1	14.6	17	1.4	5	2884	3.2
8	26	6	16	78	21	48	2	15.0	17	1.6	5	2889	3.5
9	25	6	16	77	22	48	2	14.3	17	1.8	5	2894	3.4
10	26	7	16	77	20	47	2	13.2	17	2.0	5	2900	3.1
11	24	7	15	81	28	52	3	12.8	16	1.8	5	2904	2.8
12	24	6	15	83	28	56	3	13.2	16	1.7	4	2909	2.8
13	25	6	15	81	26	55	2	14.0	16	1.7	5	2913	2.9
14	24	6	15	79	28	54	2	13.3	16	2.3	4	2918	3.1
15	23	5	14	76	24	50	1	13.7	16	1.9	4	2922	3.0
16	23	4	12	79	23	52	0	13.9	15	1.4	4	2925	2.8
17	23	4	13	79	22	50	0	13.2	15	1.3	4	2929	2.7
18	23	4	13	77	23	49	0	13.5	15	1.7	4	2933	2.9
19	23	3	12	77	21	49	-1	13.5	14	1.5	4	2936	2.9
20	23	5	13	78	19	48	-1	13.1	14	2.0	4	2940	3.0
21	23	3	12	78	24	52	0	13.0	14	1.4	3	2943	2.6
22	23	4	13	80	20	51	0	12.5	14	1.5	4	2947	2.6
23	23	4	13	76	21	48	-1	12.9	14	1.7	3	2950	2.8
24	23	3	12	81	21	49	-1	12.6	14	1.4	3	2954	2.5
25	21	3	12	80	24	51	-1	11.5	13	1.5	3	2956	2.3
26	21	3	11	78	24	50	-1	11.8	13	1.9	3	2959	2.5
27	20	2	10	78	20	48	-3	12.9	12	1.7	2	2961	2.6
28	20	2	10	75	19	45	-4	12.3	12	1.8	2	2963	2.6
29	20	1	10	77	21	46	-3	12.1	12	2.0	2	2966	2.7
30	<u>20</u>	<u>1</u>	<u>10</u>	<u>78</u>	<u>26</u>	<u>52</u>	<u>-2</u>	<u>11.5</u>	<u>12</u>	<u>1.5</u>	<u>2</u>	<u>2968</u>	<u>2.2</u>
AVG	24	5	14	78	22	50	0	13.4	15	1.7	4		
SUM											120		87.7

PPT= 12.8

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	

MARICOPA 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	20	1	10	83	27	56	-1	11.7	12	1.3	2	2970	2.2
2	20	2	10	82	26	54	-1	11.7	12	1.5	2	2972	2.3
3	21	2	10	83	25	54	-1	12.3	11	1.7	2	2975	2.5
4	20	2	10	86	30	60	-0	10.7	11	1.6	2	2977	2.0
5	20	2	10	86	32	63	0	10.8	12	1.4	2	2979	1.9
6	20	3	10	87	32	64	1	11.2	12	1.5	2	2981	2.0
7	20	3	10	85	33	63	1	11.5	12	1.5	2	2984	2.0
8	19	3	11	83	33	59	1	11.2	11	2.1	2	2986	2.3
9	20	2	10	82	30	56	0	11.8	11	1.8	2	2988	2.3
10	19	3	10	83	31	57	0	10.9	11	1.7	2	2990	2.1
11	19	2	10	85	35	63	1	11.1	11	1.7	2	2992	2.0
12	18	2	10	85	30	58	-1	10.6	11	1.9	2	2993	2.0
13	18	1	9	87	28	58	-1	11.8	11	1.6	2	2995	2.1
14	18	0	8	81	33	59	-1	11.6	10	1.6	2	2997	2.0
15	17	1	8	83	29	58	-2	10.2	10	2.0	1	2998	1.9
16	18	0	9	84	26	57	-2	11.1	10	1.7	2	2999	2.1
17	19	0	8	86	26	59	-2	11.1	10	1.4	2	3001	1.9
18	18	1	9	88	31	61	-1	11.2	10	1.6	2	3003	1.9
19	18	1	8	89	33	64	-1	10.4	10	1.5	1	3004	1.7
20	18	1	8	90	34	65	0	11.0	10	1.6	1	3005	1.8
21	17	1	8	86	34	61	-1	9.9	10	1.7	1	3007	1.6
22	16	0	7	88	32	63	-2	10.7	10	1.9	1	3008	1.8
23	16	0	8	87	32	60	-2	11.0	9	2.0	1	3009	2.0
24	17	1	8	79	27	55	-3	11.4	9	1.7	1	3010	2.1
25	17	0	8	85	28	57	-3	11.3	9	1.9	1	3011	2.1
26	17	0	7	83	30	58	-3	10.8	9	1.7	1	3013	1.8
27	17	0	8	89	30	60	-1	10.9	9	1.5	1	3014	1.8
28	18	2	9	91	38	66	1	10.1	10	1.4	1	3015	1.6
29	18	3	10	91	40	68	2	10.1	11	1.5	2	3017	1.6
30	18	2	9	89	35	65	1	11.6	10	1.5	2	3019	1.9
<u>31</u>	<u>19</u>	<u>1</u>	<u>9</u>	<u>92</u>	<u>33</u>	<u>66</u>	<u>1</u>	<u>11.2</u>	<u>10</u>	<u>1.3</u>	<u>2</u>	<u>3020</u>	<u>1.8</u>
AVG	18	1	9	86	31	60	-1	11.1	11	1.7	2		
SUM											52		61.0

PPT= 17.6

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.
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