

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	66	35	49	90	31	63	33	278	50	3.6	3	3	0.08
2	66	35	49	89	32	63	33	247	50	4.1	3	6	0.07
3	64	36	49	89	35	64	33	245	51	4.1	3	9	0.07
4	64	37	50	90	42	67	34	241	51	4.0	3	12	0.07
5	63	40	50	88	43	66	36	218	52	4.7	2	14	0.06
6	62	38	49	90	42	67	35	236	51	4.4	2	16	0.07
7	63	34	47	91	39	68	33	266	50	3.8	2	18	0.07
8	63	33	46	92	36	68	32	275	49	3.9	2	21	0.07
9	64	33	47	92	36	67	31	274	49	3.5	2	23	0.07
10	66	35	48	90	34	66	33	271	50	3.6	3	26	0.07
11	66	36	49	89	34	64	33	252	50	3.9	3	29	0.07
12	66	36	49	86	32	61	31	280	51	4.5	3	33	0.09
13	66	36	49	88	34	63	33	292	51	4.0	3	36	0.08
14	67	34	49	90	32	65	32	288	51	3.3	3	39	0.08
15	65	34	48	91	33	64	32	273	51	3.8	3	42	0.08
16	64	36	49	89	33	63	32	270	51	4.2	3	45	0.08
17	65	36	49	87	31	61	31	281	51	5.5	3	49	0.09
18	64	35	48	86	34	60	31	287	50	5.1	3	52	0.09
19	66	34	49	86	29	60	30	319	51	4.3	3	55	0.10
20	65	37	50	90	30	62	33	298	51	4.4	3	59	0.09
21	65	36	50	86	29	59	31	303	51	4.3	3	62	0.10
22	66	36	50	85	28	58	31	296	51	3.9	3	65	0.09
23	67	35	49	88	26	59	31	319	51	3.1	4	68	0.09
24	69	35	50	89	23	56	30	317	52	3.6	4	73	0.10
25	68	37	51	85	25	53	31	296	52	4.7	4	76	0.10
26	67	37	51	87	30	60	33	309	52	4.2	4	80	0.10
27	67	37	50	86	30	61	32	300	52	4.0	3	83	0.09
28	67	36	50	86	29	59	32	329	52	4.1	4	87	0.10
29	68	34	50	85	25	56	29	352	52	4.3	4	91	0.11
30	68	36	52	79	21	49	28	336	52	4.8	4	95	0.12
<u>31</u>	<u>68</u>	<u>36</u>	<u>52</u>	<u>85</u>	<u>25</u>	<u>52</u>	<u>31</u>	<u>309</u>	<u>52</u>	<u>4.5</u>	<u>4</u>	<u>99</u>	<u>0.11</u>
AVG	66	36	49	88	32	61	32	286	51	4.1	3		
SUM											99		2.66

PPT= 0.70

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

**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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	67	38	51	83	31	58	33	321	53	4.4	4	103	0.10
2	69	37	52	84	28	58	33	343	53	4.1	4	107	0.11
3	70	36	52	86	26	59	31	341	53	3.8	5	112	0.11
4	70	39	53	85	27	58	33	316	54	4.5	5	116	0.11
5	70	38	53	85	27	58	33	349	55	4.8	5	121	0.12
6	71	38	54	79	24	54	31	379	55	5.5	5	127	0.14
7	70	40	54	78	28	54	32	336	55	5.1	5	132	0.12
8	68	41	54	85	38	62	36	270	55	4.8	5	136	0.09
9	71	41	55	83	30	59	35	358	56	4.2	5	142	0.12
10	70	40	55	82	29	57	34	365	56	4.4	5	147	0.12
11	69	41	55	84	29	57	35	365	56	4.8	5	152	0.13
12	70	41	55	83	27	56	34	356	56	5.2	5	157	0.13
13	69	42	55	83	31	58	35	329	56	5.9	5	162	0.12
14	68	40	54	80	33	57	33	329	56	5.5	4	166	0.12
15	69	39	53	77	29	54	32	379	56	4.4	5	171	0.12
16	69	39	54	80	26	54	32	369	56	4.4	5	176	0.12
17	70	41	55	81	27	54	33	351	56	4.8	5	182	0.12
18	70	41	55	78	24	53	32	382	56	5.2	5	186	0.14
19	70	40	55	81	25	53	32	389	56	5.5	5	192	0.14
20	71	40	55	80	27	52	33	378	57	4.7	6	198	0.14
21	71	41	55	79	27	53	33	403	57	4.8	6	203	0.14
22	71	39	55	80	23	51	30	414	57	4.0	5	209	0.14
23	72	39	55	74	20	45	29	415	57	4.4	6	214	0.15
24	71	40	55	76	23	47	30	382	57	5.3	6	220	0.14
25	71	40	55	77	26	50	31	368	57	4.5	6	226	0.13
26	72	42	56	79	23	51	32	388	57	4.3	6	232	0.13
27	72	40	56	84	25	52	33	393	57	4.6	6	238	0.14
<u>28</u>	<u>70</u>	<u>42</u>	<u>56</u>	<u>84</u>	<u>29</u>	<u>57</u>	<u>35</u>	<u>407</u>	<u>57</u>	<u>5.0</u>	<u>6</u>	<u>244</u>	<u>0.14</u>
AVG	70	40	54	81	27	55	33	363	56	4.8	5		
SUM											145		3.55

PPT= 0.83

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	71	42	56	81	25	54	33	425	58	5.2	6	249	0.15
2	71	41	55	87	27	58	35	407	58	4.3	5	255	0.13
3	74	42	57	87	25	56	35	440	59	4.1	7	261	0.15
4	75	43	59	80	23	50	35	458	60	4.5	8	269	0.17
5	75	45	59	77	22	49	34	441	61	5.5	8	277	0.17
6	74	44	59	75	23	49	33	432	61	5.5	7	284	0.17
7	71	42	56	82	26	54	34	431	60	5.3	6	289	0.15
8	73	41	56	83	26	55	33	470	60	4.0	6	296	0.16
9	76	42	59	79	24	50	33	458	61	3.7	8	304	0.17
10	77	43	60	78	19	47	32	482	61	4.5	8	312	0.18
11	75	43	59	78	19	45	32	460	61	5.8	8	319	0.19
12	76	43	59	78	18	47	32	516	61	4.3	8	327	0.19
13	75	43	59	76	18	44	31	457	61	5.0	8	335	0.18
14	75	43	59	75	20	46	32	469	62	4.4	8	343	0.18
15	77	43	60	79	19	47	32	476	62	5.0	8	351	0.19
16	76	45	60	81	21	50	34	497	63	4.9	8	359	0.19
17	77	45	61	76	20	47	34	511	63	4.5	9	368	0.19
18	79	44	62	78	16	44	33	527	64	4.4	10	378	0.20
19	81	44	63	78	17	44	33	514	64	5.1	10	388	0.21
20	81	45	63	73	15	42	32	508	64	5.2	10	398	0.21
21	79	45	62	73	17	43	33	504	64	4.9	10	408	0.20
22	80	46	63	73	15	40	32	557	65	5.0	10	418	0.22
23	80	46	63	71	15	39	32	562	65	5.6	10	429	0.24
24	81	46	63	73	14	39	32	554	66	4.6	10	439	0.22
25	80	47	63	70	14	36	31	533	65	5.9	10	449	0.23
26	74	47	60	77	26	51	36	442	64	6.2	7	457	0.17
27	76	46	60	79	24	52	35	503	63	5.7	8	465	0.20
28	75	47	60	74	24	50	35	523	63	6.0	8	473	0.21
29	74	45	60	76	23	50	34	557	64	5.1	8	481	0.21
30	77	46	61	76	19	45	34	582	65	4.9	9	490	0.23
<u>31</u>	<u>78</u>	<u>46</u>	<u>62</u>	<u>78</u>	<u>19</u>	<u>46</u>	<u>34</u>	<u>564</u>	<u>66</u>	<u>4.8</u>	<u>9</u>	<u>499</u>	<u>0.22</u>
AVG	76	44	60	77	20	47	33	492	62	5.0	8		
SUM											256		5.88

PPT= 0.86

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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

**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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	78	46	61	79	22	49	35	511	65	5.4	9	509	0.20
2	77	47	62	72	20	44	34	571	66	5.5	9	518	0.22
3	80	46	63	73	18	43	34	582	67	5.0	10	528	0.24
4	80	48	64	78	20	44	36	542	67	5.0	10	539	0.22
5	80	48	64	75	20	43	36	566	67	5.3	11	549	0.23
6	83	48	66	71	17	40	34	616	68	5.3	11	561	0.26
7	83	50	66	66	15	37	33	591	68	5.4	12	573	0.25
8	84	49	67	66	14	35	33	613	69	5.0	12	585	0.26
9	84	49	67	60	11	30	29	641	69	5.8	13	598	0.29
10	83	48	66	56	12	29	28	632	69	5.7	12	610	0.28
11	84	48	66	59	11	30	28	634	69	5.8	12	622	0.28
12	84	48	67	60	12	30	29	617	69	5.7	12	634	0.27
13	83	49	66	60	12	29	30	618	70	4.9	12	646	0.27
14	84	48	67	58	12	29	30	637	70	5.0	13	659	0.27
15	85	49	67	59	11	30	29	595	69	4.8	13	672	0.26
16	86	50	68	59	13	31	30	608	70	5.8	13	685	0.28
17	86	52	69	60	15	34	32	599	70	5.7	14	699	0.27
18	86	53	69	60	14	33	33	602	71	5.2	14	713	0.27
19	86	52	69	59	13	30	32	615	71	4.9	14	727	0.27
20	89	50	70	56	11	27	30	648	72	5.5	15	742	0.30
21	87	54	71	57	13	30	33	604	72	6.3	15	757	0.29
22	86	53	70	56	15	33	33	645	72	5.7	15	772	0.29
23	87	53	71	58	12	30	32	662	72	6.1	15	787	0.31
24	84	52	69	57	13	30	32	641	72	6.2	13	800	0.29
25	87	52	70	61	13	32	33	656	73	5.7	14	814	0.29
26	89	52	71	62	11	30	33	672	74	4.9	15	829	0.29
27	92	55	74	55	11	27	34	654	74	5.3	17	847	0.30
28	90	56	74	48	10	24	31	668	74	6.4	17	864	0.33
29	89	54	72	49	10	24	30	680	74	5.5	16	880	0.32
<u>30</u>	<u>90</u>	<u>55</u>	<u>73</u>	<u>48</u>	<u>11</u>	<u>25</u>	<u>31</u>	<u>666</u>	<u>75</u>	<u>5.3</u>	<u>17</u>	<u>897</u>	<u>0.31</u>
AVG	85	50	68	61	14	33	32	620	70	5.5	13		
SUM											398		8.23

PPT= 0.30

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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			

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	89	56	73	45	11	24	30	687	75	6.6	17	913	0.33
2	89	54	73	42	10	22	27	694	75	5.6	16	930	0.33
3	91	55	74	41	10	21	28	675	75	5.3	17	947	0.32
4	92	56	75	44	10	22	31	694	76	5.9	18	965	0.34
5	93	56	75	45	11	24	31	681	75	6.2	18	982	0.33
6	91	56	74	49	11	24	31	678	75	6.0	17	999	0.33
7	93	56	75	51	10	25	32	699	76	5.5	18	1017	0.33
8	94	59	77	47	10	24	33	700	77	6.4	19	1036	0.35
9	93	59	77	48	10	24	33	665	76	6.0	19	1056	0.33
10	93	59	76	49	11	25	35	674	77	6.2	19	1075	0.33
11	92	58	76	48	10	25	33	693	78	5.5	18	1093	0.33
12	94	59	77	49	10	24	34	694	78	5.8	19	1113	0.34
13	95	60	78	47	11	24	34	682	78	5.9	20	1133	0.33
14	95	60	79	47	10	23	34	709	79	5.7	20	1153	0.35
15	95	60	78	46	10	23	34	693	78	5.9	20	1173	0.34
16	94	60	78	45	10	24	32	680	77	6.2	20	1192	0.34
17	95	60	78	46	10	24	34	705	78	5.5	20	1212	0.34
18	96	61	79	44	10	22	35	699	79	5.6	21	1233	0.34
19	94	61	78	47	11	25	36	648	79	5.9	21	1254	0.32
20	94	61	78	47	11	26	35	641	78	5.6	21	1275	0.31
21	95	58	78	51	10	26	34	707	78	5.5	19	1294	0.34
22	96	59	79	44	8	21	31	714	79	5.5	20	1314	0.35
23	96	61	80	41	10	21	33	704	80	5.8	21	1335	0.35
24	94	62	79	45	11	24	35	684	79	6.3	21	1356	0.34
25	94	61	78	45	14	27	35	680	79	6.1	20	1377	0.34
26	94	61	78	47	12	27	36	711	80	5.2	20	1397	0.33
27	98	62	81	49	10	25	37	713	80	5.3	22	1419	0.35
28	97	62	81	50	9	23	36	697	81	5.6	22	1440	0.34
29	96	63	80	45	11	25	35	720	81	5.9	22	1462	0.36
30	97	62	80	44	10	23	34	723	81	5.5	21	1483	0.35
<u>31</u>	<u>97</u>	<u>63</u>	<u>81</u>	<u>41</u>	<u>9</u>	<u>20</u>	<u>33</u>	<u>736</u>	<u>82</u>	<u>5.4</u>	<u>22</u>	<u>1505</u>	<u>0.36</u>
AVG	94	59	78	46	10	24	33	693	78	5.8	20		
SUM											608		10.49

PPT= 0.17

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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			

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	99	63	82	39	8	18	33	713	82	5.8	22	1527	0.36
2	100	63	82	45	8	21	34	745	81	5.3	22	1549	0.37
3	101	63	83	41	8	19	33	748	82	5.5	23	1572	0.38
4	100	64	83	38	8	19	33	743	83	5.8	23	1594	0.38
5	101	65	83	34	9	17	32	722	83	6.8	23	1618	0.39
6	98	63	82	42	10	21	34	729	82	6.1	22	1640	0.37
7	98	63	81	46	9	22	35	721	82	5.7	22	1662	0.36
8	99	63	81	45	10	24	36	727	83	5.1	22	1683	0.35
9	100	63	82	47	9	22	36	730	83	4.8	23	1706	0.35
10	101	65	84	43	8	21	34	724	83	5.1	23	1729	0.36
11	102	65	85	39	8	19	34	733	83	4.8	24	1753	0.36
12	101	66	85	38	8	19	35	701	82	5.7	24	1777	0.36
13	102	66	85	40	9	19	35	734	83	5.9	24	1801	0.38
14	103	66	85	37	8	18	34	745	83	6.1	24	1826	0.39
15	103	65	85	37	8	18	33	734	83	5.9	24	1849	0.39
16	102	65	85	39	8	19	35	742	84	5.5	24	1873	0.38
17	102	67	85	43	9	21	37	705	84	4.9	24	1897	0.35
18	104	65	86	50	9	22	39	708	83	4.6	24	1921	0.35
19	105	68	87	46	9	23	40	708	84	4.6	25	1947	0.35
20	104	69	87	45	11	24	41	676	85	5.2	26	1972	0.35
21	105	69	88	46	9	22	40	723	86	5.1	26	1998	0.37
22	104	67	86	42	9	21	38	709	85	5.0	25	2023	0.36
23	106	68	88	47	9	22	40	750	86	5.4	25	2048	0.38
24	106	70	89	44	8	21	39	731	86	4.9	26	2074	0.37
25	106	69	89	45	8	21	39	701	85	5.3	26	2100	0.37
26	107	68	89	44	9	22	40	723	85	4.9	26	2126	0.37
27	106	71	89	43	9	21	41	698	85	5.3	27	2152	0.37
28	106	71	89	47	10	23	43	709	87	5.6	26	2179	0.37
29	107	72	90	52	10	26	46	713	87	5.2	27	2206	0.37
30	106	73	90	50	10	25	45	715	87	5.7	27	2233	0.38
AVG	103	67	86	43	9	21	37	722	84	5.4	24		
SUM											728		11.05

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	

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	107	72	90	47	10	24	44	718	87	5.1	27	2260	0.37
2	107	72	90	52	10	26	45	710	87	5.2	27	2287	0.36
3	106	73	90	51	11	27	46	719	87	5.4	27	2314	0.37
4	106	73	90	51	11	26	46	735	88	5.6	27	2341	0.38
5	105	74	90	57	15	31	50	681	89	5.5	27	2368	0.35
6	103	74	89	58	19	35	52	644	89	5.2	28	2396	0.32
7	104	74	88	69	19	41	56	649	89	5.0	27	2423	0.31
8	104	74	89	66	20	39	55	667	89	5.5	27	2451	0.33
9	103	74	88	64	19	39	55	653	89	5.6	27	2478	0.32
10	104	73	88	68	18	41	55	652	88	5.3	27	2505	0.32
11	102	73	88	70	21	42	56	656	88	5.4	27	2532	0.32
12	104	73	88	63	16	36	52	668	87	5.2	27	2559	0.33
13	105	73	89	63	15	35	52	651	88	4.5	27	2587	0.32
14	105	73	89	61	17	36	52	639	89	5.4	27	2614	0.32
15	103	72	88	61	20	38	52	627	88	4.7	27	2641	0.30
16	103	74	88	60	18	37	53	613	88	5.0	28	2668	0.30
17	104	73	89	65	16	36	54	659	88	5.6	27	2695	0.33
18	103	74	89	66	17	39	54	655	88	5.2	28	2723	0.32
19	104	73	89	67	15	37	54	686	89	4.8	27	2750	0.33
20	104	76	89	66	16	38	56	659	89	5.4	28	2778	0.33
21	103	75	89	67	17	39	56	640	89	5.7	28	2806	0.32
22	103	74	88	67	18	39	55	660	89	5.1	27	2833	0.32
23	104	74	89	65	17	38	54	658	89	4.9	28	2861	0.32
24	104	73	89	67	18	39	54	660	89	5.1	27	2888	0.32
25	106	74	89	70	17	40	56	675	91	4.8	28	2916	0.33
26	105	74	89	71	14	40	55	653	90	4.5	28	2943	0.31
27	105	73	90	74	15	39	56	657	89	5.2	27	2971	0.32
28	105	74	89	72	19	42	57	663	89	5.2	27	2998	0.32
29	103	75	89	77	21	44	60	603	89	5.1	28	3026	0.29
30	102	74	87	79	24	51	61	613	89	5.0	27	3053	0.28
31	104	76	89	77	19	45	61	645	90	4.7	28	3081	0.31
AVG	104	74	89	65	17	37	54	660	89	5.2	27		
SUM											848		10.10

PPT= 0.76

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			

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	105	76	90	74	18	42	59	653	90	5.1	28	3109	0.32
2	104	77	90	70	20	43	60	650	91	4.9	28	3138	0.31
3	105	76	90	75	20	44	60	636	91	5.3	28	3166	0.31
4	104	75	89	79	20	46	61	636	90	5.2	28	3194	0.31
5	104	76	89	75	21	45	60	633	90	4.9	28	3222	0.30
6	104	75	89	72	21	41	59	641	91	5.3	28	3250	0.32
7	104	74	89	72	19	41	58	642	90	5.7	28	3278	0.32
8	103	73	87	77	21	45	59	591	89	5.3	27	3305	0.29
9	101	75	88	78	23	49	61	606	89	4.9	28	3333	0.29
10	102	76	89	78	22	48	62	604	90	5.0	28	3361	0.29
11	102	74	88	81	23	49	62	601	90	5.3	27	3388	0.29
12	102	74	87	79	20	47	60	617	89	4.8	27	3415	0.29
13	104	74	89	73	18	43	58	632	90	4.9	27	3443	0.30
14	102	75	87	75	24	47	60	560	90	6.0	27	3470	0.28
15	102	74	87	74	22	46	59	613	90	4.9	27	3497	0.29
16	103	73	88	77	20	45	59	613	89	4.8	27	3524	0.29
17	102	73	87	77	21	47	59	609	89	4.9	27	3551	0.29
18	103	73	87	78	20	46	59	601	89	4.5	27	3578	0.28
19	102	74	88	76	21	45	60	601	90	5.2	28	3606	0.29
20	103	74	88	77	20	47	60	615	89	4.6	28	3633	0.29
21	102	75	87	73	22	46	59	584	89	4.9	28	3661	0.28
22	102	73	87	78	21	46	59	611	90	4.5	27	3688	0.29
23	102	73	86	75	23	46	58	553	89	4.7	26	3714	0.26
24	101	73	86	73	22	47	58	585	89	5.3	27	3741	0.28
25	101	72	86	80	21	49	59	594	88	4.1	26	3767	0.27
26	100	72	86	80	22	49	59	562	88	4.0	26	3794	0.26
27	99	73	85	81	26	53	61	530	88	4.2	26	3820	0.24
28	102	72	86	86	21	53	60	580	87	4.2	26	3847	0.26
29	100	72	85	83	25	52	61	552	88	4.9	26	3873	0.26
30	100	71	85	84	23	51	60	588	88	4.3	26	3899	0.27
<u>31</u>	<u>100</u>	<u>72</u>	<u>85</u>	<u>83</u>	<u>24</u>	<u>52</u>	<u>60</u>	<u>547</u>	<u>87</u>	<u>4.4</u>	<u>26</u>	<u>3926</u>	<u>0.25</u>
AVG	102	74	87	77	21	47	60	601	89	4.9	27		
SUM											844		8.84

PPT= 0.81

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

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	99	72	85	78	22	48	58	532	87	5.0	26	3952	0.26
2	100	71	85	79	21	49	58	539	86	4.8	26	3978	0.25
3	99	71	84	81	22	51	58	525	86	4.9	26	4004	0.25
4	99	71	84	80	23	51	57	540	86	4.7	25	4029	0.25
5	99	70	83	80	22	51	57	548	85	4.4	25	4055	0.25
6	100	69	84	82	20	52	57	573	85	4.2	25	4080	0.26
7	102	68	84	83	15	48	54	596	85	3.7	25	4105	0.27
8	103	68	84	76	14	42	52	587	86	3.9	25	4130	0.27
9	102	67	84	74	15	41	51	531	85	4.4	25	4155	0.25
10	101	68	83	77	19	46	55	534	85	4.1	25	4180	0.25
11	100	70	84	76	21	47	56	538	86	4.8	25	4205	0.26
12	100	68	83	74	17	43	53	572	85	4.6	25	4230	0.27
13	99	67	82	76	18	44	53	532	84	4.9	24	4254	0.25
14	98	64	81	78	18	43	52	561	84	4.2	23	4276	0.25
15	98	65	81	77	20	45	53	544	84	4.4	23	4300	0.25
16	99	67	82	76	19	43	53	540	84	4.3	24	4324	0.25
17	99	67	82	73	18	44	53	521	84	4.4	24	4348	0.24
18	98	66	81	78	20	47	54	510	83	3.9	24	4371	0.23
19	98	65	80	76	19	44	52	516	82	4.5	23	4394	0.24
20	97	64	80	73	19	45	51	528	82	5.0	23	4417	0.25
21	95	64	79	79	22	49	53	484	82	4.4	22	4439	0.22
22	98	64	80	79	18	46	51	521	82	4.6	23	4462	0.24
23	96	63	79	76	24	48	52	502	81	4.6	22	4484	0.23
24	95	65	79	76	22	49	52	482	81	4.1	23	4506	0.22
25	97	64	79	76	19	48	51	494	81	4.0	23	4529	0.22
26	99	64	80	72	15	42	48	524	81	4.0	23	4552	0.24
27	99	63	80	71	14	39	47	517	81	4.0	22	4574	0.24
28	99	62	79	71	13	38	44	513	81	3.8	22	4596	0.24
29	99	61	79	67	13	35	44	505	80	4.5	21	4618	0.25
<u>30</u>	<u>96</u>	<u>61</u>	<u>78</u>	<u>68</u>	<u>16</u>	<u>38</u>	<u>45</u>	<u>456</u>	<u>79</u>	<u>4.6</u>	<u>21</u>	<u>4639</u>	<u>0.22</u>
AVG	99	66	82	76	19	45	52	529	83	4.4	24		
SUM											713		7.37

PPT= 0.62

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			

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	96	60	77	65	15	38	43	486	78	4.1	21	4659	0.23
2	97	59	77	67	14	38	43	493	78	3.7	20	4680	0.23
3	96	62	78	68	16	39	46	461	79	4.6	21	4701	0.22
4	94	60	77	68	18	41	44	462	78	4.6	20	4721	0.22
5	95	60	76	72	15	40	45	479	77	4.0	20	4741	0.22
6	94	58	75	72	16	41	43	460	77	4.0	19	4760	0.21
7	92	56	74	72	15	40	41	460	76	4.0	18	4778	0.21
8	92	55	72	69	14	39	40	477	75	4.6	17	4795	0.22
9	93	55	73	64	15	36	39	474	74	4.9	18	4813	0.22
10	94	56	74	67	14	37	40	467	75	4.7	18	4831	0.22
11	92	53	72	67	13	36	38	442	74	3.8	17	4848	0.20
12	92	54	72	68	14	36	39	443	74	3.4	17	4865	0.19
13	92	53	71	66	14	37	38	437	73	4.1	17	4882	0.20
14	90	53	71	70	16	38	39	427	73	4.2	16	4898	0.19
15	89	53	70	69	17	41	39	434	73	4.3	16	4913	0.19
16	87	53	70	70	19	42	39	406	72	4.4	15	4928	0.18
17	88	52	69	69	16	41	38	448	72	3.7	15	4944	0.19
18	90	51	69	71	15	40	38	432	72	3.5	15	4959	0.18
19	88	54	69	69	19	42	40	408	71	5.0	16	4975	0.19
20	87	52	69	68	16	40	38	426	71	4.3	15	4990	0.19
21	86	52	68	77	20	46	41	372	70	4.8	15	5004	0.17
22	83	53	67	76	29	53	43	371	69	5.0	14	5018	0.16
23	85	50	67	82	25	52	43	393	69	4.0	14	5032	0.16
24	85	51	67	79	22	51	41	403	69	3.2	14	5046	0.15
25	84	51	66	77	21	48	41	385	70	4.1	13	5059	0.16
26	82	48	64	79	20	48	38	388	68	3.8	12	5071	0.15
27	81	49	64	80	26	52	40	356	67	4.3	11	5082	0.14
28	81	48	63	81	23	52	39	381	67	3.7	11	5094	0.14
29	82	47	63	77	21	48	37	397	66	3.4	11	5105	0.15
30	80	47	63	79	23	49	38	362	66	4.3	11	5116	0.14
<u>31</u>	<u>79</u>	<u>48</u>	<u>63</u>	<u>77</u>	<u>21</u>	<u>48</u>	<u>37</u>	<u>376</u>	<u>65</u>	<u>4.0</u>	<u>11</u>	<u>5126</u>	<u>0.15</u>
AVG	89	53	70	72	18	43	40	426	72	4.1	16		
SUM											487		5.75

PPT= 0.49

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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			

**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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	79	46	61	76	21	47	36	369	65	3.5	10	5136	0.14
2	79	45	61	79	20	49	36	351	64	3.6	10	5146	0.13
3	78	44	60	79	22	47	36	356	64	4.1	9	5155	0.14
4	78	44	59	78	22	48	35	346	63	3.4	9	5164	0.13
5	78	42	59	80	21	51	35	348	62	3.2	9	5173	0.12
6	79	43	60	80	22	49	35	344	62	3.5	10	5182	0.13
7	78	44	59	75	21	48	34	348	62	3.1	9	5192	0.12
8	79	43	60	78	21	48	35	359	62	3.6	10	5201	0.14
9	78	44	60	77	22	48	35	342	62	4.0	9	5210	0.13
10	78	45	61	77	20	47	36	316	62	4.4	10	5220	0.12
11	76	45	60	81	28	52	38	305	62	4.0	8	5228	0.11
12	76	43	58	83	28	56	37	315	62	3.8	8	5236	0.11
13	76	42	58	81	26	55	36	333	61	3.7	8	5244	0.12
14	76	43	58	79	28	54	36	319	61	5.1	8	5252	0.12
15	74	41	56	76	24	50	33	327	60	4.3	7	5259	0.12
16	74	39	54	79	23	52	32	331	59	3.2	7	5265	0.11
17	74	39	55	79	22	50	32	315	59	2.9	7	5272	0.11
18	74	39	55	77	23	49	32	322	58	3.7	7	5279	0.11
19	73	38	54	77	21	49	30	324	57	3.4	6	5285	0.11
20	73	40	55	78	19	48	31	313	57	4.4	6	5291	0.12
21	73	38	54	78	24	52	32	310	57	3.1	6	5298	0.10
22	74	40	55	80	20	51	32	300	58	3.4	7	5304	0.10
23	73	40	55	76	21	48	31	309	57	3.9	6	5310	0.11
24	73	37	53	81	21	49	30	300	57	3.2	6	5316	0.10
25	70	38	53	80	24	51	30	274	56	3.5	5	5322	0.09
26	70	38	52	78	24	50	30	283	55	4.3	5	5326	0.10
27	68	35	50	78	20	48	26	309	54	3.8	4	5330	0.10
28	68	35	50	75	19	45	25	293	53	4.1	4	5334	0.10
29	68	34	50	77	21	46	26	290	53	4.5	4	5338	0.11
<u>30</u>	<u>68</u>	<u>35</u>	<u>50</u>	<u>78</u>	<u>26</u>	<u>52</u>	<u>28</u>	<u>275</u>	<u>53</u>	<u>3.3</u>	<u>4</u>	<u>5342</u>	<u>0.09</u>
AVG	74	41	56	78	22	50	33	321	59	3.7	7		
SUM											216		3.45

PPT= 0.51

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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			

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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	69	34	50	83	27	56	30	279	54	3.0	4	5346	0.09
2	69	35	50	82	26	54	30	280	53	3.3	4	5350	0.09
3	69	35	50	83	25	54	30	295	53	3.9	4	5354	0.10
4	68	35	50	86	30	60	32	256	53	3.6	4	5359	0.08
5	68	36	51	86	32	63	33	259	53	3.2	4	5362	0.07
6	68	37	51	87	32	64	33	268	54	3.4	4	5367	0.08
7	68	37	51	85	33	63	34	275	53	3.3	4	5371	0.08
8	67	38	51	83	33	59	33	267	53	4.8	4	5374	0.09
9	67	36	50	82	30	56	31	282	52	4.1	4	5378	0.09
10	67	37	51	83	31	57	32	261	52	3.8	4	5382	0.08
11	66	36	50	85	35	63	33	265	52	3.9	3	5385	0.08
12	65	36	49	85	30	58	31	253	52	4.2	3	5388	0.08
13	65	34	48	87	28	58	29	282	52	3.7	3	5391	0.08
14	65	33	47	81	33	59	31	276	51	3.5	3	5394	0.08
15	62	34	47	83	29	58	28	244	50	4.4	2	5396	0.08
16	65	33	47	84	26	57	28	265	51	3.8	3	5399	0.08
17	66	32	47	86	26	59	29	264	50	3.2	3	5402	0.07
18	65	34	47	88	31	61	30	266	50	3.6	3	5405	0.08
19	64	33	47	89	33	64	31	248	50	3.4	2	5407	0.06
20	64	33	47	90	34	65	31	263	49	3.6	2	5410	0.07
21	62	33	47	86	34	61	30	237	50	3.8	2	5412	0.06
22	61	32	45	88	32	63	29	255	49	4.3	2	5414	0.07
23	61	32	46	87	32	60	28	262	49	4.5	2	5415	0.08
24	63	34	47	79	27	55	27	271	49	3.8	3	5418	0.08
25	63	32	46	85	28	57	27	269	48	4.3	3	5421	0.08
26	62	32	45	83	30	58	27	258	48	3.7	2	5423	0.07
27	63	33	47	89	30	60	29	261	49	3.5	2	5425	0.07
28	64	35	48	91	38	66	34	240	50	3.2	3	5428	0.06
29	65	37	49	91	40	68	35	242	51	3.4	3	5430	0.06
30	65	36	49	89	35	65	34	276	51	3.4	3	5433	0.07
<u>31</u>	<u>65</u>	<u>34</u>	<u>48</u>	<u>92</u>	<u>33</u>	<u>66</u>	<u>33</u>	<u>268</u>	<u>50</u>	<u>3.0</u>	<u>3</u>	<u>5436</u>	<u>0.07</u>
AVG	65	34	48	86	31	60	31	264	51	3.7	3		
SUM											94		2.40

PPT= 0.69

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langley's/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

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