

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	91	32	64	33	278	50	3.5	3	3	0.08
2	66	35	49	88	33	64	34	246	50	3.9	3	6	0.07
3	64	37	50	91	38	67	35	234	51	4.0	3	9	0.06
4	63	38	50	92	46	71	36	231	51	4.0	2	12	0.06
5	62	41	51	89	46	70	38	210	52	5.0	2	14	0.06
6	61	38	49	91	45	69	36	235	51	4.5	2	15	0.06
7	62	34	47	92	41	70	33	260	50	3.9	2	18	0.06
8	62	33	46	92	38	69	32	272	49	3.9	2	20	0.07
9	64	32	47	92	34	66	31	281	49	3.5	3	22	0.07
10	66	35	48	90	34	66	33	265	50	3.8	3	25	0.07
11	65	36	49	90	36	65	32	243	51	3.8	3	28	0.07
12	66	36	49	85	30	60	31	286	51	4.6	3	32	0.09
13	66	36	49	88	34	63	33	289	51	4.2	3	35	0.08
14	66	35	49	90	33	65	32	288	51	3.4	3	38	0.08
15	65	35	48	91	33	65	32	269	51	3.9	3	41	0.08
16	64	36	49	89	32	63	32	276	51	4.2	3	44	0.08
17	65	36	49	87	32	62	31	276	51	5.9	3	47	0.09
18	64	34	48	86	35	61	31	286	50	5.5	3	50	0.09
19	65	34	48	86	30	60	30	318	50	4.5	3	53	0.10
20	64	37	49	90	31	62	32	295	51	4.6	3	56	0.09
21	64	36	49	85	29	59	30	306	51	4.4	3	59	0.10
22	65	35	49	86	28	58	30	301	51	3.7	3	61	0.09
23	67	34	49	87	27	59	30	316	51	3.2	3	65	0.09
24	68	34	50	89	22	56	29	316	52	3.7	4	69	0.10
25	67	36	50	86	26	54	31	288	52	4.8	4	72	0.10
26	67	36	51	88	31	60	33	313	52	4.1	4	76	0.10
27	68	37	50	86	30	60	32	308	52	3.7	4	79	0.09
28	68	36	51	86	29	59	32	329	52	4.1	4	83	0.10
29	69	34	50	86	24	55	30	352	52	4.3	4	87	0.12
30	69	36	52	79	21	49	28	334	53	4.9	4	92	0.12
<u>31</u>	<u>69</u>	<u>36</u>	<u>52</u>	<u>85</u>	<u>25</u>	<u>52</u>	<u>31</u>	<u>314</u>	<u>52</u>	<u>4.4</u>	<u>4</u>	<u>96</u>	<u>0.11</u>
AVG	65	36	49	88	32	62	32	284	51	4.2	3		
SUM											96		2.64

PPT= 0.71

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 1987-99	

MARICOPA AGRICULTURAL CENTER

FEBRUARY 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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	67	38	51	84	33	60	34	311	53	4.3	4	100	0.10
2	69	38	52	85	30	60	34	336	54	4.1	4	104	0.10
3	70	36	52	87	28	61	33	335	54	3.9	5	109	0.10
4	69	40	53	86	28	60	34	305	54	4.7	4	113	0.10
5	69	38	53	86	28	60	34	344	55	5.0	4	117	0.12
6	69	38	53	79	25	55	31	379	55	5.7	5	122	0.14
7	69	40	53	81	30	57	33	329	55	4.7	5	127	0.12
8	68	42	54	86	40	65	38	276	55	4.7	5	132	0.09
9	71	42	55	84	32	61	36	352	56	4.1	6	137	0.11
10	70	41	55	84	30	59	35	361	56	4.4	5	142	0.12
11	69	41	55	85	30	59	35	358	56	5.0	5	147	0.13
12	70	42	55	84	28	57	35	351	56	5.2	5	153	0.13
13	70	42	55	84	31	58	35	335	56	5.7	5	158	0.12
14	68	40	54	79	32	55	33	331	56	5.6	5	162	0.12
15	69	40	53	76	29	53	31	373	56	4.6	5	167	0.12
16	70	40	54	79	26	54	32	382	57	4.5	5	172	0.13
17	71	41	55	82	27	55	34	351	57	4.6	6	178	0.12
18	69	41	55	77	25	53	32	380	57	5.5	5	183	0.14
19	70	41	55	81	26	54	33	389	56	5.9	5	188	0.14
20	70	39	54	80	29	54	33	377	56	4.5	5	193	0.13
21	70	40	55	78	27	52	32	406	57	4.6	5	199	0.14
22	71	38	54	78	23	50	29	420	57	4.1	5	204	0.15
23	73	38	55	73	20	45	28	426	57	4.2	6	210	0.15
24	73	39	55	77	23	47	30	376	57	5.1	6	216	0.14
25	72	41	55	77	27	50	31	374	57	4.4	6	222	0.13
26	72	42	56	78	23	50	32	388	57	4.4	7	229	0.14
27	71	41	56	84	25	52	34	391	57	4.6	6	235	0.14
<u>28</u>	<u>71</u>	<u>42</u>	<u>56</u>	<u>85</u>	<u>29</u>	<u>57</u>	<u>35</u>	<u>416</u>	<u>58</u>	<u>4.7</u>	<u>6</u>	<u>241</u>	<u>0.14</u>
AVG	70	40	54	81	28	55	33	363	56	4.7	5		
SUM											145		3.52

PPT= 0.91

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 1987-99			

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	82	25	54	33	425	58	5.3	6	247	0.15
2	71	42	56	87	28	59	35	394	59	4.3	6	252	0.13
3	74	42	57	88	25	57	36	435	59	4.0	7	259	0.15
4	75	44	59	80	23	50	35	463	60	4.5	8	267	0.17
5	76	44	60	75	21	47	34	471	61	5.3	8	275	0.18
6	75	44	60	73	19	45	31	467	61	5.4	8	282	0.18
7	73	42	57	79	21	49	32	452	60	5.2	6	289	0.17
8	74	40	57	81	23	51	32	472	61	4.2	7	296	0.17
9	77	41	59	77	21	46	31	461	61	3.8	8	304	0.17
10	78	43	60	75	18	44	31	478	62	4.4	9	313	0.19
11	76	43	60	74	18	42	32	467	61	6.1	8	321	0.19
12	76	43	59	75	17	44	32	515	62	4.5	8	329	0.19
13	75	42	58	74	17	42	30	454	61	5.2	7	336	0.18
14	75	43	58	72	21	45	31	459	62	4.3	7	344	0.17
15	77	42	59	78	21	47	32	466	62	5.2	8	352	0.18
16	75	45	60	81	22	51	35	490	63	5.0	8	360	0.19
17	77	45	60	77	21	48	34	504	63	4.4	9	368	0.19
18	79	44	62	79	17	46	34	520	64	4.4	10	378	0.20
19	80	45	62	79	18	45	34	504	64	5.3	10	388	0.21
20	82	45	63	74	15	43	33	518	65	5.0	11	399	0.21
21	80	46	62	73	17	43	33	506	64	5.0	10	409	0.20
22	80	46	63	73	15	41	33	556	65	5.0	10	419	0.22
23	80	46	63	72	16	40	33	561	65	5.8	10	429	0.24
24	80	46	63	72	14	39	32	554	66	4.8	10	439	0.23
25	79	47	63	69	15	37	31	525	65	6.3	10	449	0.23
26	72	46	59	79	28	53	36	421	63	6.4	7	456	0.16
27	75	45	59	79	26	55	35	509	63	5.9	8	464	0.20
28	74	46	59	73	25	50	34	524	63	6.2	8	471	0.21
29	73	45	59	76	23	51	33	554	63	5.2	7	478	0.20
30	77	44	60	77	19	47	33	583	65	4.8	9	487	0.22
<u>31</u>	<u>79</u>	<u>46</u>	<u>62</u>	<u>77</u>	<u>19</u>	<u>46</u>	<u>34</u>	<u>578</u>	<u>66</u>	<u>4.8</u>	<u>10</u>	<u>496</u>	<u>0.22</u>
AVG	76	44	60	77	20	47	33	493	62	5.0			
SUM											255		5.91

PPT= 0.76

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 1987-99	

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	45	61	79	22	49	35	508	65	5.5	9	506	0.20
2	77	46	62	72	21	44	34	569	65	5.4	9	514	0.22
3	79	46	63	73	18	43	33	581	66	4.9	10	524	0.24
4	78	48	63	79	20	45	36	539	66	5.0	10	534	0.21
5	80	47	64	74	20	43	35	590	67	5.1	10	545	0.24
6	83	48	66	71	15	39	34	626	68	5.0	11	556	0.26
7	83	50	66	64	15	36	33	585	68	5.4	12	568	0.25
8	84	49	67	66	13	35	32	622	69	4.8	13	581	0.26
9	84	49	67	58	11	29	29	643	69	5.9	13	594	0.29
10	84	48	67	56	11	28	28	649	69	5.5	12	606	0.29
11	84	49	67	56	11	29	28	635	69	6.1	13	619	0.29
12	84	48	67	58	11	29	29	614	69	6.0	13	631	0.28
13	83	49	66	57	13	28	29	614	70	5.1	12	643	0.27
14	84	48	67	58	12	29	29	637	69	4.7	12	656	0.27
15	85	48	67	58	11	29	29	585	69	4.9	13	668	0.26
16	85	50	68	57	14	31	29	598	69	6.1	13	682	0.27
17	85	52	68	59	16	35	32	590	70	5.7	14	695	0.26
18	85	52	69	60	15	34	33	606	71	5.2	14	709	0.27
19	86	51	69	60	13	30	32	631	71	4.9	14	723	0.28
20	90	50	71	56	11	27	31	655	72	5.5	15	738	0.30
21	88	54	72	54	12	28	32	633	73	6.1	15	753	0.30
22	88	54	71	52	13	30	32	642	72	5.9	16	769	0.29
23	88	53	71	54	12	28	32	660	72	6.4	15	784	0.31
24	83	53	68	55	14	29	31	635	72	6.5	13	797	0.29
25	85	51	69	61	14	32	33	655	72	5.9	13	810	0.29
26	87	52	70	61	12	31	33	671	73	5.0	14	825	0.29
27	90	54	73	55	12	28	33	652	73	5.3	16	841	0.30
28	89	56	73	48	10	24	31	665	73	6.5	17	858	0.33
29	88	54	72	48	11	24	30	677	73	5.5	16	874	0.31
30	90	55	73	48	11	26	31	660	74	5.5	17	891	0.31
AVG	85	50	68	60	14	32	32	621	70	5.5	13		
SUM											394		8.25

PPT= 0.27

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 1987-99			

MARICOPA AGRICULTURAL CENTER MAY NORMALS

DAY	TX	TN	TM	RHX	RHN	RHM	TD	SR	ST4	WS	HU	CHU	ETO
1	88	56	73	44	12	24	30	684	75	7.0	16	907	0.34
2	88	54	72	42	10	22	28	692	75	5.4	16	923	0.32
3	91	55	74	41	11	22	29	669	75	5.3	17	940	0.31
4	93	56	75	44	11	22	31	692	76	6.0	18	958	0.34
5	92	56	75	46	11	24	31	679	75	6.5	18	976	0.33
6	91	55	74	49	11	24	31	675	74	6.2	17	992	0.32
7	92	56	75	52	10	25	32	699	75	5.7	17	1010	0.33
8	93	58	76	46	10	24	32	704	76	6.6	19	1028	0.35
9	92	59	76	47	10	24	32	660	76	6.2	19	1047	0.33
10	92	57	75	50	11	26	34	669	76	6.1	18	1066	0.32
11	92	57	75	47	11	26	33	691	77	5.3	18	1083	0.32
12	94	59	77	49	10	24	34	696	77	5.7	19	1103	0.34
13	95	60	78	46	12	25	35	684	78	5.9	20	1123	0.34
14	95	60	78	47	11	24	35	711	79	5.9	20	1143	0.35
15	94	60	78	46	11	24	34	701	78	6.1	20	1163	0.35
16	94	60	77	47	11	25	33	678	77	5.8	19	1182	0.33
17	95	60	78	47	11	24	34	705	79	5.6	20	1202	0.34
18	96	61	79	45	10	22	35	708	80	5.6	21	1223	0.35
19	95	61	78	44	10	23	35	668	79	6.0	21	1244	0.33
20	94	61	77	45	11	25	34	635	78	5.7	21	1265	0.31
21	94	57	77	52	11	27	33	705	77	5.6	19	1283	0.34
22	95	58	78	43	8	21	30	712	78	5.6	19	1302	0.35
23	95	60	79	41	10	22	32	699	79	5.8	20	1323	0.34
24	93	61	78	47	11	25	35	677	78	6.2	20	1343	0.33
25	92	61	77	45	15	28	35	670	78	6.1	20	1363	0.33
26	93	60	77	47	13	28	35	710	79	5.2	20	1383	0.33
27	97	61	80	49	10	25	36	723	80	5.2	21	1404	0.35
28	96	62	80	51	10	24	36	689	80	5.6	21	1425	0.34
29	95	62	79	46	11	26	35	717	81	6.0	21	1446	0.35
30	95	61	79	45	10	23	34	721	81	5.4	20	1467	0.35
31	96	61	80	42	9	20	33	735	82	5.3	21	1487	0.36
AVG	93	59	77	46	11	24	33	692	78	5.8	19		
SUM											597		10.42
								PPT=	0.20				

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 Realtive 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 1987-99			

MARICOPA AGRICULTURAL CENTER

JUNE 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>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	98	62	81	38	9	18	32	708	81	5.8	22	1509	0.36
2	99	62	82	46	8	21	34	744	81	5.1	22	1531	0.36
3	100	63	83	41	8	19	34	744	81	5.3	23	1553	0.37
4	100	65	83	38	9	19	33	737	83	5.9	23	1576	0.37
5	100	65	83	34	9	17	32	716	82	7.0	23	1599	0.39
6	97	63	81	42	10	21	33	727	81	6.4	22	1621	0.37
7	96	61	80	48	10	23	35	717	82	5.7	21	1642	0.35
8	98	61	80	45	10	24	35	740	82	4.9	21	1663	0.35
9	100	63	82	47	9	23	35	726	82	4.6	22	1685	0.35
10	101	64	84	42	8	21	34	718	82	5.0	23	1708	0.36
11	102	65	84	39	8	19	34	729	82	4.8	24	1732	0.36
12	101	66	85	38	9	19	35	692	82	5.7	24	1756	0.36
13	102	66	85	39	9	19	35	729	82	5.8	24	1780	0.38
14	103	66	85	37	8	19	34	741	84	6.1	24	1804	0.39
15	103	65	85	36	8	17	33	730	84	6.0	24	1828	0.39
16	101	65	85	38	8	19	34	740	84	5.4	23	1852	0.38
17	102	66	85	40	9	20	35	707	84	4.9	24	1876	0.35
18	104	64	85	47	8	20	37	708	83	4.5	24	1899	0.35
19	106	67	87	43	7	21	37	717	84	4.4	25	1924	0.36
20	105	69	87	42	9	21	38	694	85	4.9	26	1949	0.35
21	105	69	87	41	8	19	38	722	85	5.2	26	1975	0.37
22	105	66	86	39	7	18	35	738	85	4.8	24	1999	0.37
23	106	68	88	42	7	19	37	756	86	5.4	25	2025	0.39
24	107	70	89	40	7	19	37	735	86	4.8	26	2051	0.38
25	107	69	89	39	8	18	37	732	85	5.2	26	2076	0.38
26	107	68	89	40	8	19	38	729	85	5.0	25	2102	0.38
27	107	71	89	42	8	21	40	701	85	5.2	26	2128	0.37
28	106	71	89	43	9	22	41	715	86	5.5	26	2155	0.38
29	107	72	90	49	9	24	44	716	87	5.2	27	2181	0.37
30	107	73	90	48	9	23	44	718	86	5.6	27	2208	0.38
AVG	103	66	85	41	8	20	36	724	83	5.3	24		
SUM											721		11.07

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 1987-99			

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	71	90	45	9	23	43	721	87	5.0	27	2235	0.37
2	106	72	89	50	10	26	44	704	86	5.3	27	2262	0.36
3	106	72	89	51	11	27	45	721	86	5.2	27	2289	0.37
4	106	72	90	50	11	26	46	736	88	5.6	27	2316	0.38
5	105	74	90	57	15	31	51	679	89	5.3	28	2343	0.34
6	104	74	90	56	18	34	52	655	90	5.2	28	2371	0.33
7	105	73	88	67	18	40	55	646	89	4.9	27	2398	0.31
8	104	74	89	64	19	38	54	675	89	5.5	27	2426	0.34
9	104	74	88	65	20	39	55	669	89	5.7	27	2453	0.33
10	104	73	88	69	19	42	56	670	88	5.5	27	2480	0.33
11	102	73	87	71	22	43	57	656	87	5.4	27	2507	0.32
12	103	73	88	64	16	36	53	680	87	5.4	27	2534	0.33
13	105	72	89	65	15	36	52	671	88	4.4	27	2561	0.32
14	105	72	89	62	17	37	52	641	88	5.3	27	2588	0.32
15	103	72	87	62	21	40	52	616	87	4.5	27	2614	0.29
16	103	75	88	62	19	39	54	601	87	4.9	28	2642	0.29
17	103	73	89	66	15	37	54	661	88	5.5	27	2669	0.33
18	103	75	88	66	18	40	55	645	88	5.4	28	2697	0.32
19	104	73	89	70	16	39	55	686	89	4.7	27	2724	0.33
20	103	75	89	69	17	40	56	655	89	5.3	28	2752	0.32
21	103	75	89	69	17	40	56	637	89	5.7	28	2779	0.32
22	103	73	88	68	19	40	54	667	88	5.1	27	2806	0.32
23	104	73	88	67	17	39	54	660	89	4.7	27	2833	0.32
24	103	72	88	69	19	41	55	656	89	5.0	27	2860	0.31
25	105	73	89	71	17	41	56	674	90	4.6	27	2888	0.32
26	105	73	89	70	14	40	55	649	89	4.4	27	2915	0.31
27	105	72	89	75	16	40	56	656	89	5.2	27	2942	0.32
28	104	73	88	75	20	44	58	661	89	4.7	27	2969	0.31
29	104	75	89	77	20	45	59	615	89	4.7	28	2997	0.29
30	102	74	87	79	24	51	61	611	89	4.9	27	3024	0.28
<u>31</u>	<u>104</u>	<u>75</u>	<u>89</u>	<u>76</u>	<u>19</u>	<u>44</u>	<u>60</u>	<u>654</u>	<u>90</u>	<u>4.7</u>	<u>28</u>	<u>3052</u>	<u>0.31</u>
AVG	104	73	89	65	17	38	54	662	88	5.1	27		
SUM											844		10.06

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 1987-99			

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	75	90	75	17	41	59	656	90	5.1	28	3080	0.32
2	104	76	89	71	20	44	59	649	91	4.9	28	3109	0.31
3	104	75	89	77	20	45	60	633	91	5.1	28	3137	0.30
4	103	75	88	80	21	47	61	641	90	5.1	28	3164	0.30
5	103	76	89	75	22	46	60	633	90	4.7	28	3193	0.30
6	103	75	89	72	21	41	59	642	91	5.3	28	3220	0.31
7	103	74	88	71	19	40	58	651	90	5.5	28	3248	0.32
8	104	73	88	75	19	42	58	628	90	5.5	27	3275	0.31
9	101	75	88	75	22	47	60	605	89	5.0	28	3303	0.29
10	103	76	89	77	22	48	62	604	90	4.9	28	3331	0.29
11	102	74	88	83	23	49	62	606	90	5.0	27	3358	0.29
12	102	73	87	80	20	46	60	630	88	4.7	27	3385	0.30
13	104	73	89	73	17	41	57	646	89	4.9	27	3412	0.31
14	101	74	87	75	24	47	60	557	90	6.2	27	3439	0.28
15	101	73	87	74	22	47	58	611	89	4.9	27	3466	0.29
16	102	72	87	78	21	47	59	613	89	4.7	27	3493	0.29
17	103	73	87	77	20	47	59	609	89	4.4	27	3520	0.28
18	104	73	88	76	19	45	58	620	90	4.4	27	3547	0.29
19	102	74	87	75	21	44	60	598	90	5.3	27	3574	0.29
20	103	74	87	78	21	49	60	614	89	4.6	27	3602	0.28
21	101	74	87	74	24	48	60	583	89	4.8	27	3629	0.28
22	102	73	87	81	21	48	60	615	89	4.2	27	3656	0.28
23	102	73	86	77	24	47	59	557	89	4.8	26	3682	0.26
24	101	73	86	73	22	48	58	577	89	5.4	27	3709	0.27
25	101	72	86	80	22	49	59	588	88	4.1	26	3735	0.27
26	99	72	85	83	23	51	60	555	88	4.0	26	3762	0.25
27	99	72	84	84	27	56	61	527	87	3.9	26	3788	0.23
28	102	71	85	88	21	54	60	590	87	4.0	26	3814	0.26
29	101	72	86	84	24	52	60	555	88	4.7	27	3841	0.26
30	101	72	86	83	22	50	60	593	88	4.1	26	3867	0.27
<u>31</u>	<u>100</u>	<u>73</u>	<u>85</u>	<u>82</u>	<u>25</u>	<u>52</u>	<u>61</u>	<u>538</u>	<u>87</u>	<u>4.5</u>	<u>27</u>	<u>3894</u>	<u>0.25</u>
AVG	102	74	87	78	21	47	60	604	89	4.8	27		
SUM											841		8.83

PPT= 0.73

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 1987-99			

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	73	85	80	23	50	60	541	86	4.9	27	3920	0.26
2	100	72	85	81	22	51	59	544	86	4.9	26	3946	0.26
3	99	71	84	83	24	53	60	511	85	5.0	26	3972	0.24
4	98	71	83	82	25	54	58	532	85	4.8	25	3998	0.24
5	98	70	83	84	24	55	59	551	85	4.3	25	4023	0.25
6	100	69	83	86	21	55	58	570	85	3.9	25	4048	0.25
7	101	68	83	86	16	51	55	595	86	3.6	25	4073	0.26
8	103	68	84	79	14	44	53	594	86	3.8	25	4098	0.27
9	101	67	83	76	16	43	52	522	86	4.4	25	4122	0.25
10	101	68	83	78	19	47	54	531	85	4.0	25	4147	0.24
11	100	69	83	77	22	48	56	532	85	4.9	25	4172	0.25
12	100	67	82	76	17	44	53	573	85	4.6	24	4197	0.27
13	99	66	82	79	18	45	53	538	84	4.8	24	4220	0.25
14	97	63	80	79	18	44	51	567	84	4.3	22	4243	0.26
15	97	64	79	80	21	47	52	545	83	4.3	22	4265	0.25
16	99	66	81	78	19	45	53	538	84	4.2	24	4289	0.25
17	98	66	81	75	18	45	53	516	84	4.4	24	4312	0.24
18	97	66	80	79	20	48	54	504	83	3.7	23	4335	0.22
19	97	64	79	77	19	45	52	512	82	4.6	23	4358	0.23
20	96	64	79	75	20	46	51	526	82	5.1	22	4381	0.25
21	94	63	78	81	23	51	53	477	82	4.2	22	4402	0.21
22	97	64	79	82	19	48	52	517	81	4.4	22	4425	0.23
23	96	63	79	78	24	50	53	505	81	4.5	22	4446	0.23
24	95	65	79	79	23	51	54	472	81	3.8	23	4469	0.21
25	97	65	79	80	20	51	53	487	81	3.9	23	4492	0.21
26	98	64	80	75	16	44	49	526	81	4.1	23	4514	0.24
27	98	62	79	73	15	41	47	515	81	4.0	22	4537	0.24
28	98	61	79	72	14	40	45	512	81	3.8	22	4558	0.24
29	98	60	79	68	13	35	44	507	80	4.5	21	4579	0.25
30	95	61	77	69	16	40	45	458	79	4.2	20	4600	0.21
AVG	98	66	81	78	19	47	53	527	83	4.3	24		
SUM											706		7.24

PPT= 0.71

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 1987-99			

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	59	76	67	14	39	42	505	78	3.8	20	4620	0.23
2	97	58	77	67	13	37	42	506	78	3.6	20	4639	0.23
3	96	61	77	68	15	38	45	470	78	4.6	21	4660	0.23
4	95	59	76	68	17	40	43	462	78	4.2	19	4680	0.21
5	94	60	76	71	15	39	44	479	77	4.0	20	4699	0.22
6	94	57	74	72	15	40	42	471	77	4.0	19	4718	0.21
7	93	55	73	72	14	39	40	469	76	3.9	17	4736	0.21
8	94	53	72	69	11	36	38	491	75	3.5	17	4753	0.22
9	95	54	73	63	12	34	37	482	74	4.1	18	4771	0.23
10	95	56	74	62	12	33	38	476	75	4.6	19	4789	0.23
11	94	54	73	64	12	34	37	442	74	3.8	17	4807	0.20
12	93	55	73	66	14	35	39	437	75	3.2	18	4824	0.19
13	94	55	73	65	14	37	39	430	74	4.1	18	4842	0.20
14	91	54	71	68	16	38	39	420	73	4.4	16	4859	0.19
15	89	54	70	69	18	41	40	429	73	4.5	16	4874	0.19
16	87	54	70	69	20	42	40	401	72	4.5	15	4889	0.18
17	88	52	69	69	16	41	37	450	72	3.7	15	4904	0.19
18	89	51	69	72	15	41	38	437	72	3.5	15	4919	0.18
19	88	53	69	68	17	40	39	428	72	5.1	16	4935	0.20
20	87	52	68	67	16	39	37	429	71	4.3	15	4950	0.19
21	86	51	67	76	20	44	40	378	70	4.8	14	4964	0.17
22	84	52	67	75	26	51	42	394	69	4.8	14	4978	0.17
23	86	50	67	82	23	51	42	403	69	3.8	14	4992	0.16
24	86	51	67	78	20	49	40	403	69	3.3	14	5007	0.16
25	84	52	66	75	20	46	40	388	70	4.4	14	5020	0.16
26	81	47	63	78	20	47	37	393	67	3.8	11	5031	0.15
27	81	47	63	80	23	50	39	377	66	4.2	11	5042	0.15
28	81	46	63	81	22	50	38	391	67	3.7	11	5054	0.15
29	82	47	63	75	20	46	37	402	66	3.5	11	5065	0.15
30	80	46	62	78	22	48	37	367	66	4.1	10	5076	0.14
<u>31</u>	<u>80</u>	<u>47</u>	<u>62</u>	<u>76</u>	<u>20</u>	<u>47</u>	<u>37</u>	<u>375</u>	<u>65</u>	<u>3.8</u>	<u>10</u>	<u>5086</u>	<u>0.15</u>
AVG	89	53	70	71	17	42	40	432	72	4.1	16		
SUM											486		5.84

PPT= 0.37

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 1987-99			

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	80	45	61	75	20	45	35	366	65	3.5	10	5096	0.14
2	79	45	61	77	22	47	36	354	64	3.7	10	5106	0.14
3	78	44	60	77	20	45	34	369	64	4.2	9	5115	0.15
4	77	42	58	77	19	46	33	374	63	3.2	8	5123	0.13
5	79	40	58	77	18	47	32	365	62	2.7	9	5132	0.13
6	80	42	60	77	18	44	33	363	62	3.3	9	5141	0.14
7	79	43	60	71	20	44	33	348	62	3.0	9	5151	0.13
8	80	43	61	75	21	45	35	359	63	3.7	10	5160	0.14
9	78	43	60	75	22	47	35	341	62	3.5	9	5169	0.13
10	79	45	60	75	19	46	34	320	62	4.3	10	5179	0.12
11	76	44	60	79	27	51	37	300	61	4.0	8	5187	0.11
12	76	43	59	81	29	55	37	310	61	4.0	8	5195	0.11
13	78	43	59	80	26	54	36	335	61	3.5	9	5204	0.12
14	77	44	59	77	28	54	37	320	61	5.4	9	5212	0.13
15	74	42	57	74	25	49	33	325	60	4.5	7	5220	0.12
16	74	39	55	77	24	51	32	329	59	3.2	7	5226	0.11
17	74	39	55	78	22	49	32	313	59	2.9	7	5233	0.11
18	75	39	55	77	24	49	33	326	58	3.7	7	5240	0.12
19	73	38	55	76	21	49	30	323	58	3.5	6	5246	0.11
20	73	40	55	78	19	48	31	318	57	4.4	6	5253	0.12
21	73	37	54	79	24	53	32	319	57	2.9	6	5259	0.10
22	74	39	54	79	21	51	31	301	57	3.3	7	5265	0.10
23	73	39	54	77	22	49	31	308	57	3.7	6	5271	0.11
24	73	38	54	81	21	50	31	301	57	3.3	6	5278	0.10
25	71	37	53	80	24	51	30	280	56	3.3	5	5283	0.09
26	70	38	53	78	26	50	31	277	55	4.5	5	5288	0.10
27	68	35	50	78	20	48	27	308	54	3.9	4	5292	0.11
28	68	35	50	75	19	45	25	290	53	4.2	4	5296	0.10
29	68	34	50	76	21	46	26	300	53	4.8	4	5300	0.11
30	68	34	50	77	26	51	28	278	53	3.5	4	5304	0.09
AVG	75	40	56	77	22	49	32	324	59	3.7	7		
SUM											218		3.51

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 1987-99			

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	82	26	55	29	281	54	3.1	4	5308	0.09
2	68	34	50	82	26	54	29	284	53	3.2	4	5312	0.09
3	68	34	50	83	26	55	30	294	52	3.9	4	5316	0.10
4	69	35	50	85	29	58	31	266	52	3.4	4	5320	0.08
5	68	36	51	85	32	61	32	252	53	3.3	4	5324	0.07
6	68	37	51	86	33	63	33	265	54	3.5	4	5328	0.08
7	68	36	50	84	34	63	33	273	53	3.4	4	5332	0.08
8	66	38	51	83	35	60	34	261	53	4.8	3	5335	0.09
9	67	35	50	82	30	57	32	284	52	4.0	4	5339	0.09
10	68	36	51	82	30	56	32	275	52	3.8	4	5343	0.09
11	67	36	50	83	32	60	32	276	52	3.8	4	5347	0.08
12	65	37	50	84	29	56	31	259	52	4.1	3	5350	0.08
13	66	34	49	85	27	56	29	286	52	3.8	3	5353	0.09
14	66	33	48	78	33	57	31	277	51	3.6	3	5356	0.08
15	63	34	47	81	27	55	27	249	50	4.5	2	5359	0.08
16	65	33	48	83	27	57	28	259	51	3.9	3	5362	0.08
17	66	33	48	85	27	59	29	261	51	3.2	3	5365	0.07
18	65	35	48	87	33	63	32	260	50	3.5	3	5368	0.07
19	63	34	47	90	37	66	32	244	50	3.4	2	5370	0.06
20	63	34	47	91	37	67	33	260	50	3.7	2	5372	0.07
21	62	33	46	88	36	63	31	228	50	3.7	2	5374	0.06
22	60	33	45	88	34	64	29	250	49	4.5	1	5375	0.07
23	60	33	45	86	33	61	28	258	49	4.8	2	5377	0.08
24	63	34	47	78	28	55	27	270	49	3.8	3	5380	0.08
25	63	33	47	85	29	58	28	265	49	4.3	3	5382	0.08
26	61	32	46	83	32	59	28	252	48	3.8	2	5384	0.07
27	63	33	47	90	31	61	30	256	49	3.5	2	5387	0.07
28	64	36	49	92	40	68	35	243	51	3.3	3	5389	0.06
29	64	37	49	92	43	70	36	246	51	3.5	3	5392	0.06
30	64	35	48	90	38	67	34	275	51	3.5	3	5395	0.07
<u>31</u>	<u>65</u>	<u>34</u>	<u>48</u>	<u>93</u>	<u>34</u>	<u>67</u>	<u>33</u>	<u>268</u>	<u>50</u>	<u>3.0</u>	<u>3</u>	<u>5398</u>	<u>0.07</u>
AVG	65	35	48	85	32	60	31	264	51	3.7	3		
SUM											94		2.40

PPT= 0.75

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 1987-99			