

TUCSON: CAMPUS AGRICULTURAL CENTER JANUARY NORMALS

<u>DAY</u>	<u>TX</u>	<u>TN</u>	<u>TM</u>	<u>RHX</u>	<u>RHN</u>	<u>RHM</u>	<u>TD</u>	<u>SR</u>	<u>ST4</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	69	34	49	89	28	62	32	290	48	3.4	4	4	0.09
2	67	35	49	91	28	60	32	248	47	4.0	4	7	0.08
3	66	36	51	88	29	59	31	238	48	4.4	3	11	0.08
4	67	37	50	88	35	63	34	258	49	3.7	4	15	0.08
5	65	39	51	88	37	64	35	227	49	4.4	3	18	0.07
6	61	36	47	93	41	70	33	245	48	4.0	2	19	0.07
7	63	33	46	91	31	64	29	282	46	3.8	3	22	0.08
8	64	33	47	89	30	63	29	289	46	3.7	3	25	0.08
9	65	33	47	90	31	64	30	295	46	3.5	3	28	0.09
10	67	34	49	85	27	59	29	283	47	4.5	4	31	0.10
11	68	35	51	84	25	57	29	280	48	4.3	4	35	0.09
12	66	35	49	82	28	57	29	274	48	4.3	4	39	0.09
13	66	35	49	84	31	59	31	300	48	4.2	3	42	0.10
14	67	34	49	86	28	60	29	293	47	3.5	4	46	0.09
15	67	34	49	87	25	57	29	305	48	4.1	3	49	0.10
16	63	36	48	82	33	59	30	258	47	4.4	3	52	0.09
17	64	34	48	87	34	61	30	276	47	4.8	3	55	0.09
18	65	35	48	82	29	59	28	293	47	4.3	3	59	0.09
19	65	34	48	84	27	58	28	300	47	4.1	4	62	0.10
20	64	36	50	85	31	60	31	301	48	4.2	3	65	0.10
21	64	35	49	85	28	57	30	312	48	4.3	3	68	0.11
22	66	35	50	85	26	56	30	288	48	3.9	3	71	0.09
23	68	35	50	88	26	59	31	325	49	3.4	4	75	0.10
24	71	35	51	85	18	52	28	336	49	3.6	5	80	0.12
25	70	36	52	84	19	50	28	316	49	4.6	5	84	0.12
26	69	36	52	84	22	51	29	314	49	4.2	4	89	0.11
27	67	36	50	81	26	54	29	301	49	4.1	4	92	0.10
28	66	35	49	85	28	56	29	318	49	3.9	3	95	0.10
29	67	33	49	83	22	52	27	357	49	4.4	4	99	0.13
30	69	36	52	75	20	45	26	355	49	5.3	4	104	0.14
<u>31</u>	<u>68</u>	<u>36</u>	<u>52</u>	<u>82</u>	<u>21</u>	<u>50</u>	<u>28</u>	<u>314</u>	<u>50</u>	<u>4.3</u>	<u>4</u>	<u>108</u>	<u>0.11</u>
AVG	66	35	49	86	28	58	30	293	48	4.1	3		
SUM											108		2.97

PPT= 1.05

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

**TUCSON: CAMPUS 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	37	51	83	28	57	31	319	50	4.0	4	111	0.10
2	69	38	53	83	26	54	31	330	51	4.3	4	116	0.12
3	71	36	53	85	22	52	29	366	51	4.0	5	121	0.13
4	72	38	54	79	22	51	29	318	51	4.1	5	126	0.12
5	71	38	54	85	22	52	31	377	52	4.9	5	131	0.14
6	70	39	54	74	21	45	28	387	52	6.0	5	137	0.16
7	71	40	55	76	22	47	29	345	52	5.1	6	143	0.14
8	69	41	54	80	30	56	33	288	52	4.5	5	148	0.10
9	71	40	54	81	26	56	31	353	52	3.6	5	153	0.12
10	69	39	54	81	26	53	30	347	52	4.3	4	157	0.12
11	68	38	53	89	27	57	33	363	52	4.7	4	161	0.13
12	70	39	54	87	22	55	31	354	52	4.9	5	166	0.13
13	69	41	55	81	28	53	33	339	53	5.5	5	171	0.13
14	67	39	53	86	31	58	34	331	53	4.9	4	175	0.12
15	68	37	52	86	26	56	31	364	52	4.0	4	179	0.12
16	70	38	53	80	21	51	29	378	52	4.3	5	184	0.13
17	70	39	54	82	22	51	31	353	52	4.7	5	189	0.13
18	68	38	53	81	26	53	30	346	53	4.8	4	193	0.12
19	69	39	53	82	23	52	30	367	53	4.4	5	198	0.13
20	71	38	54	82	21	51	30	379	53	4.4	5	203	0.14
21	70	39	54	82	25	53	32	380	53	4.3	5	208	0.13
22	70	37	54	81	21	50	29	424	54	4.3	5	213	0.15
23	72	37	54	76	17	45	27	398	53	4.2	6	219	0.15
24	72	39	56	76	19	43	28	379	54	5.0	6	225	0.15
25	69	39	54	76	27	49	30	366	54	4.6	5	230	0.13
26	69	41	55	78	22	49	30	381	54	4.7	6	235	0.14
27	70	40	55	78	24	50	31	402	55	4.7	6	241	0.15
<u>28</u>	<u>68</u>	<u>41</u>	<u>55</u>	<u>81</u>	<u>28</u>	<u>54</u>	<u>33</u>	<u>379</u>	<u>55</u>	<u>5.0</u>	<u>5</u>	<u>246</u>	<u>0.14</u>
AVG	70	39	54	81	24	52	31	361	53	4.6	5		
SUM											138		3.67

PPT= 1.00

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			

TUCSON: CAMPUS 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	68	40	54	81	27	52	32	406	55	4.6	4	250	0.14
2	69	39	54	84	25	54	31	399	55	4.3	5	255	0.14
3	72	40	56	81	24	53	32	403	55	4.1	6	260	0.14
4	74	41	58	79	22	47	31	462	56	5.1	7	267	0.18
5	74	42	59	75	21	45	32	438	57	4.6	7	274	0.17
6	73	43	58	74	21	46	31	427	57	5.2	7	281	0.17
7	70	41	55	83	23	52	31	428	56	5.0	5	286	0.16
8	72	40	56	82	22	49	31	477	57	4.1	6	292	0.17
9	75	39	57	82	21	48	31	462	57	3.9	7	299	0.18
10	76	42	59	80	18	46	32	484	58	4.8	8	307	0.19
11	74	43	59	75	18	42	30	475	58	5.5	7	314	0.20
12	74	42	58	74	17	42	30	506	58	4.3	7	321	0.19
13	73	42	58	71	18	40	29	462	58	5.5	7	328	0.19
14	75	42	58	72	17	42	29	478	58	4.9	7	335	0.19
15	75	41	59	76	18	42	29	486	58	5.0	7	342	0.20
16	74	43	58	76	22	46	32	492	59	4.5	7	350	0.19
17	75	44	60	75	19	44	32	500	60	4.8	8	358	0.20
18	77	42	60	77	16	41	31	527	60	4.6	9	366	0.21
19	79	43	62	71	15	39	29	517	60	5.0	9	375	0.22
20	81	44	63	67	15	37	29	514	61	5.1	10	386	0.22
21	77	45	62	66	18	39	30	485	60	4.7	9	395	0.20
22	78	44	61	68	16	38	29	524	60	4.3	9	404	0.21
23	79	45	62	65	14	35	29	559	61	5.2	10	414	0.24
24	79	43	62	69	13	36	28	551	61	4.4	9	423	0.23
25	78	45	62	64	14	33	28	513	61	5.2	9	432	0.22
26	73	44	59	74	22	46	32	415	59	5.6	7	438	0.16
27	73	43	58	79	21	48	32	511	59	5.2	7	445	0.20
28	72	44	58	73	24	45	31	510	59	5.5	6	452	0.20
29	72	42	57	75	23	47	31	529	59	4.9	6	458	0.20
30	75	42	59	74	17	42	29	569	60	4.8	8	466	0.23
<u>31</u>	<u>77</u>	<u>44</u>	<u>61</u>	<u>72</u>	<u>16</u>	<u>40</u>	<u>30</u>	<u>583</u>	<u>61</u>	<u>5.1</u>	<u>9</u>	<u>474</u>	<u>0.24</u>
AVG	75	42	59	75	19	44	30	487	59	4.8	7		
SUM											229		5.97

PPT= 0.85

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

**TUCSON: CAMPUS 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	76	44	60	76	17	44	32	515	61	5.4	8	483	0.21
2	75	44	60	73	19	42	31	567	61	5.0	8	491	0.23
3	77	44	62	74	17	41	31	585	62	5.0	9	499	0.24
4	77	45	62	74	20	42	33	522	62	5.0	9	508	0.21
5	78	46	63	75	17	40	33	563	63	5.5	9	517	0.23
6	79	46	63	69	16	37	31	572	63	5.4	10	527	0.24
7	81	48	65	65	13	34	30	600	64	5.4	11	538	0.26
8	81	46	65	66	14	33	30	607	65	5.1	11	549	0.26
9	81	46	65	65	11	30	28	635	65	5.5	11	560	0.28
10	80	46	64	60	11	30	27	609	64	5.3	10	570	0.27
11	81	46	65	59	11	29	27	628	64	5.0	11	581	0.27
12	82	46	65	54	12	28	26	626	65	5.1	11	592	0.27
13	81	46	64	64	12	30	28	603	65	4.9	11	602	0.26
14	82	45	65	61	13	31	28	632	65	4.7	11	613	0.27
15	83	47	66	60	12	30	29	590	65	4.8	12	624	0.26
16	83	47	67	57	13	29	27	602	65	5.1	12	636	0.27
17	83	49	67	58	14	30	30	583	65	5.1	12	649	0.26
18	84	49	68	61	12	29	31	605	66	5.2	13	661	0.27
19	83	48	67	61	14	31	30	598	66	4.6	12	673	0.26
20	87	48	69	59	11	27	29	647	68	5.0	14	687	0.29
21	85	51	69	60	12	29	32	612	68	5.7	13	700	0.28
22	83	52	69	58	15	30	33	640	68	5.6	13	713	0.29
23	86	51	70	61	12	30	32	631	68	5.2	14	727	0.29
24	83	50	68	64	12	30	31	642	67	6.5	12	739	0.30
25	84	50	68	62	14	30	32	627	67	5.6	13	752	0.28
26	85	50	69	59	13	30	32	639	68	5.0	13	765	0.28
27	87	51	71	63	12	29	33	609	68	4.9	15	780	0.27
28	86	53	71	54	10	25	30	638	69	5.8	15	795	0.30
29	85	52	70	54	11	26	30	664	68	5.4	14	809	0.30
<u>30</u>	<u>87</u>	<u>51</u>	<u>71</u>	<u>55</u>	<u>11</u>	<u>25</u>	<u>31</u>	<u>676</u>	<u>69</u>	<u>5.2</u>	<u>15</u>	<u>824</u>	<u>0.31</u>
AVG	82	48	66	63	13	32	30	609	66	5.2	12		
SUM											350		8.03

PPT= 0.43

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			

**TUCSON: CAMPUS 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	85	52	70	51	12	25	30	671	69	5.8	14	838	0.31
2	86	50	70	56	11	25	29	662	69	4.9	14	852	0.30
3	87	51	71	50	10	23	28	675	69	5.1	15	866	0.31
4	89	52	72	52	10	23	30	681	69	5.3	15	882	0.32
5	89	54	73	49	10	23	30	672	70	5.8	16	898	0.32
6	89	54	73	52	10	23	30	682	69	5.7	16	913	0.33
7	89	54	73	51	10	24	30	674	69	5.4	16	929	0.32
8	89	55	74	49	11	24	31	677	69	5.6	16	946	0.32
9	89	55	74	51	11	25	31	649	70	5.0	17	963	0.30
10	90	56	75	54	11	26	33	639	70	5.7	17	980	0.31
11	90	57	75	60	11	27	35	666	71	5.3	17	997	0.31
12	91	57	75	52	11	25	34	657	71	5.0	18	1016	0.31
13	92	57	76	53	12	26	35	683	72	5.3	18	1034	0.32
14	92	59	77	47	10	23	33	692	73	5.7	19	1053	0.34
15	92	58	76	55	10	26	34	660	72	5.2	18	1071	0.31
16	90	57	75	60	10	27	35	649	71	5.1	18	1089	0.31
17	91	57	76	54	10	25	34	691	72	5.0	18	1107	0.32
18	92	58	77	53	10	24	35	656	72	5.1	19	1126	0.31
19	91	58	76	55	11	26	36	661	73	5.5	19	1145	0.32
20	91	58	75	56	12	28	36	620	72	5.2	18	1163	0.29
21	93	56	76	56	10	26	33	687	73	5.1	18	1181	0.32
22	93	56	77	55	9	23	33	699	74	4.7	18	1199	0.33
23	93	57	77	52	11	25	34	677	74	4.7	18	1217	0.32
24	91	59	77	56	11	26	36	676	74	5.1	19	1236	0.32
25	90	58	76	55	12	27	35	661	74	5.2	18	1254	0.31
26	91	57	76	57	12	27	35	702	74	4.7	18	1272	0.32
27	94	58	78	53	11	25	35	699	74	4.7	19	1291	0.33
28	94	60	79	53	9	23	36	690	75	5.1	20	1311	0.33
29	93	60	78	54	10	24	35	697	75	5.0	20	1331	0.33
30	94	58	78	48	9	22	32	709	75	5.2	19	1349	0.34
<u>31</u>	<u>94</u>	<u>58</u>	<u>79</u>	<u>54</u>	<u>9</u>	<u>22</u>	<u>34</u>	<u>704</u>	<u>75</u>	<u>4.9</u>	<u>19</u>	<u>1368</u>	<u>0.34</u>
AVG	91	56	75	53	10	25	33	675	72	5.2	18		
SUM											545		9.90

PPT= 0.19

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			

TUCSON: CAMPUS 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	95	58	79	45	9	21	31	709	74	4.8	19	1388	0.34
2	97	60	81	47	8	20	33	726	74	5.0	20	1408	0.36
3	98	60	81	41	7	18	30	728	75	4.8	21	1429	0.36
4	97	62	82	40	8	17	32	733	75	5.5	21	1450	0.37
5	97	62	81	41	8	18	32	704	76	5.3	21	1472	0.36
6	96	62	81	44	9	20	34	690	76	5.4	21	1493	0.35
7	95	60	80	50	9	21	35	667	75	5.0	20	1513	0.33
8	95	61	80	47	10	23	34	697	75	5.0	21	1534	0.34
9	97	60	81	48	10	22	35	705	76	4.7	21	1554	0.34
10	97	62	82	48	9	21	36	705	76	4.8	22	1576	0.35
11	98	62	83	44	9	20	35	713	77	4.7	22	1598	0.35
12	98	64	83	47	10	21	37	684	77	5.1	23	1621	0.34
13	99	63	83	43	10	20	35	703	77	5.6	23	1644	0.36
14	98	65	84	44	9	20	36	695	77	5.9	23	1667	0.36
15	99	65	84	45	9	19	36	703	78	5.5	23	1690	0.36
16	99	64	84	44	9	18	35	718	78	5.2	23	1713	0.37
17	99	65	84	43	10	21	37	669	78	5.1	23	1736	0.34
18	101	66	85	46	10	22	39	659	79	4.9	24	1760	0.34
19	101	66	85	48	11	23	39	677	79	5.0	24	1784	0.34
20	100	66	85	47	12	24	39	633	78	5.0	24	1808	0.32
21	101	67	86	46	10	23	38	689	78	4.9	24	1832	0.35
22	101	65	85	43	10	21	36	704	78	4.9	24	1856	0.35
23	101	66	86	45	10	21	37	714	78	5.6	24	1880	0.37
24	102	68	87	45	9	21	39	694	78	5.3	25	1905	0.36
25	102	68	88	44	10	21	39	671	78	5.4	25	1930	0.36
26	103	69	88	46	10	22	40	672	78	5.1	25	1955	0.35
27	102	70	88	47	11	22	42	667	79	5.2	26	1981	0.35
28	102	70	88	50	12	24	42	668	80	5.5	25	2006	0.35
29	102	70	88	52	12	26	45	684	81	5.6	26	2032	0.36
30	102	71	89	50	13	25	44	672	82	5.6	26	2058	0.36
AVG	99	65	84	46	10	21	37	692	77	5.2	23		
SUM											690		10.54

PPT= 0.24

TX:	Maximum Air Temp., Deg. F	SR:	Solar Radiation, Langleys/Day
TN:	Minimum Air Temp., Deg. F	PPT:	Precipitation, In.
TM:	Mean Air Temp., Deg. F	WS:	Mean Wind Speed, MPH
RHX:	Maximum Relative Humidity, %	HU:	Heat Units (86F/55F)/Day
RHN:	Minimum Relative Humidity, %	CHU:	HU Accumulation Since 1 Jan.
RHM:	Mean Relative Humidity, %	ETo:	Ref. Evapotranspiration, In.
TD:	Mean Dew Point Temp., Deg. F	AVG:	Average for Month
ST4:	Mean Soil Temp., 4", Deg. F	SUM:	Total for Month
For Years 1987-2001			

TUCSON: CAMPUS 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	103	71	89	51	11	24	43	670	82	5.4	26	2084	0.35
2	103	71	88	52	14	28	45	645	82	5.3	26	2110	0.33
3	101	71	87	54	15	31	46	653	82	5.6	26	2136	0.34
4	102	71	87	56	15	32	48	645	82	5.0	26	2163	0.33
5	100	72	86	60	18	37	49	602	82	4.8	26	2189	0.30
6	98	71	86	63	22	38	51	582	82	5.1	26	2215	0.29
7	98	71	85	69	24	45	54	600	81	5.0	26	2240	0.29
8	99	72	86	70	22	42	54	614	81	5.4	26	2266	0.30
9	98	72	85	69	22	42	54	609	82	5.4	26	2293	0.30
10	98	72	85	69	21	43	54	613	82	5.0	26	2319	0.30
11	97	71	85	70	24	44	55	596	81	5.2	26	2344	0.28
12	99	72	86	66	18	36	52	642	81	5.2	26	2371	0.32
13	101	72	87	61	17	34	50	585	82	4.6	26	2397	0.29
14	100	72	87	63	19	36	51	598	81	5.5	26	2423	0.30
15	98	72	85	66	22	40	53	546	81	4.5	26	2449	0.26
16	98	73	86	69	19	38	55	600	82	5.3	27	2476	0.30
17	98	72	86	68	19	40	54	581	82	4.8	26	2503	0.28
18	99	73	86	67	19	40	54	609	83	4.8	27	2529	0.30
19	99	72	87	65	20	39	54	640	83	5.0	26	2556	0.31
20	98	73	85	69	22	43	56	593	83	5.1	27	2582	0.29
21	98	74	86	70	25	45	58	595	83	5.2	27	2609	0.29
22	98	72	85	73	24	44	57	604	83	4.9	26	2635	0.29
23	99	72	86	66	21	41	55	602	83	4.7	26	2661	0.29
24	99	71	85	73	22	43	55	606	82	4.7	26	2687	0.27
25	101	72	87	71	19	41	55	644	82	4.8	26	2714	0.31
26	100	73	86	72	19	42	56	615	82	4.9	27	2741	0.30
27	100	72	86	74	20	45	57	595	82	4.8	27	2767	0.29
28	99	73	86	75	22	46	58	574	82	4.6	27	2794	0.27
29	97	73	85	80	24	48	60	531	82	5.2	27	2820	0.25
30	97	73	85	79	27	51	61	561	82	4.6	27	2847	0.26
<u>31</u>	<u>99</u>	<u>73</u>	<u>86</u>	<u>79</u>	<u>23</u>	<u>47</u>	<u>60</u>	<u>564</u>	<u>83</u>	<u>4.5</u>	<u>27</u>	<u>2874</u>	<u>0.26</u>
AVG	99	72	86	67	20	40	54	604	82	5.0	26		
SUM											816		9.13

PPT= 1.77

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			

**TUCSON: CAMPUS 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	100	75	87	72	22	45	59	579	83	4.9	28	2902	0.28
2	100	74	86	80	24	49	61	599	84	4.9	27	2929	0.28
3	99	74	86	78	24	49	61	598	84	4.8	27	2956	0.28
4	98	75	86	79	27	50	62	547	83	5.0	27	2983	0.26
5	98	74	86	77	27	49	61	593	83	5.8	27	3010	0.29
6	99	73	86	76	25	47	60	590	84	5.2	27	3037	0.28
7	99	72	85	80	26	50	60	559	83	4.9	26	3064	0.26
8	98	73	85	81	25	50	61	572	83	5.3	27	3090	0.27
9	98	72	84	82	27	52	62	552	82	4.9	26	3116	0.25
10	97	73	84	83	29	53	63	518	82	4.3	26	3143	0.23
11	98	73	84	84	26	54	63	569	83	4.6	27	3169	0.26
12	97	72	84	81	27	51	61	576	83	4.7	26	3195	0.27
13	99	71	84	80	25	50	60	590	83	4.8	26	3221	0.28
14	97	71	83	86	28	55	62	556	82	5.0	26	3247	0.25
15	96	71	83	84	27	54	61	564	82	4.5	26	3273	0.25
16	99	71	84	80	23	50	59	576	83	4.3	26	3299	0.26
17	98	72	84	81	27	52	61	572	83	4.9	26	3325	0.26
18	97	72	84	81	27	52	61	557	82	4.5	26	3351	0.25
19	98	72	84	82	26	52	61	562	83	4.4	26	3377	0.26
20	98	72	84	81	26	51	61	551	83	4.1	26	3404	0.25
21	98	72	84	82	26	52	61	529	83	4.7	26	3430	0.25
22	98	70	84	86	24	51	60	591	83	4.6	26	3455	0.27
23	98	70	83	85	26	52	60	523	82	4.3	25	3480	0.24
24	96	70	82	81	29	53	60	543	82	5.0	25	3506	0.25
25	96	70	83	84	27	53	60	543	81	4.1	25	3531	0.24
26	97	70	83	82	28	52	59	549	81	4.1	25	3556	0.25
27	96	71	83	82	27	53	59	521	81	4.5	25	3581	0.24
28	97	69	83	85	28	55	60	536	81	4.3	25	3606	0.24
29	95	71	83	81	30	55	60	534	81	5.3	25	3631	0.25
30	96	70	83	81	28	51	59	560	82	4.6	25	3656	0.25
<u>31</u>	<u>96</u>	<u>70</u>	<u>83</u>	<u>82</u>	<u>27</u>	<u>52</u>	<u>59</u>	<u>532</u>	<u>82</u>	<u>4.5</u>	<u>25</u>	<u>3681</u>	<u>0.24</u>
AVG	98	72	84	81	26	51	61	559	82	4.7	26		
SUM											807		7.99

PPT= 1.76

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			

**TUCSON: CAMPUS 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	96	70	83	79	25	50	58	525	81	4.8	25	3707	0.25
2	96	70	83	78	26	50	58	512	80	4.6	25	3732	0.24
3	95	69	82	83	25	52	58	505	80	5.1	25	3757	0.24
4	95	68	81	81	28	52	58	512	80	4.7	24	3781	0.24
5	95	69	82	76	27	51	56	516	81	4.9	25	3805	0.24
6	97	69	83	76	23	47	56	547	81	4.5	25	3830	0.26
7	99	67	83	76	18	43	53	586	81	3.8	24	3854	0.27
8	99	66	83	72	15	39	50	581	80	4.1	24	3878	0.28
9	97	66	82	70	19	40	51	501	78	4.6	24	3902	0.24
10	97	67	82	72	21	44	53	525	79	4.2	24	3926	0.25
11	96	69	82	71	24	46	55	501	78	4.7	25	3951	0.24
12	96	68	82	78	22	46	55	527	78	4.9	24	3975	0.25
13	95	67	81	79	23	47	55	504	78	4.7	24	3998	0.24
14	93	64	79	78	23	47	52	532	77	4.3	22	4020	0.24
15	93	65	79	75	23	46	52	510	77	4.9	22	4043	0.24
16	95	65	81	73	20	43	51	539	78	4.1	23	4066	0.25
17	95	67	81	71	20	42	51	500	78	4.4	23	4089	0.24
18	94	65	79	75	20	43	51	491	77	4.0	22	4111	0.23
19	94	65	79	70	21	44	50	482	77	4.4	22	4133	0.22
20	93	64	79	71	23	43	51	508	77	4.6	22	4156	0.24
21	93	65	79	75	21	45	52	487	77	4.7	22	4178	0.23
22	94	64	79	75	20	44	51	510	77	4.8	22	4200	0.24
23	94	65	79	71	22	42	51	492	77	5.0	23	4222	0.24
24	92	65	78	71	22	46	50	463	76	5.1	22	4245	0.22
25	94	63	78	74	19	43	49	492	76	4.5	22	4266	0.23
26	94	62	79	69	16	39	46	531	76	4.3	21	4288	0.25
27	95	62	79	69	16	37	45	511	76	4.4	22	4309	0.25
28	96	61	78	65	13	35	42	519	76	4.3	21	4330	0.25
29	95	62	79	60	13	33	41	486	75	5.0	21	4352	0.25
<u>30</u>	<u>93</u>	<u>62</u>	<u>78</u>	<u>64</u>	<u>15</u>	<u>36</u>	<u>42</u>	<u>473</u>	<u>74</u>	<u>5.2</u>	<u>21</u>	<u>4372</u>	<u>0.24</u>
AVG	95	66	80	73	21	44	51	512	78	4.6	23		
SUM											691		7.26

PPT= 0.95

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			

**TUCSON: CAMPUS 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	92	61	76	64	17	36	43	473	73	5.1	20	4392	0.23
2	92	59	76	67	16	37	43	484	73	4.2	19	4411	0.23
3	92	61	77	62	17	37	43	470	73	4.5	20	4432	0.23
4	91	60	76	69	17	40	44	431	72	4.2	19	4451	0.20
5	92	59	75	68	16	39	43	469	72	4.0	19	4470	0.21
6	91	57	74	68	17	40	42	450	72	3.7	18	4488	0.20
7	90	56	73	69	17	40	41	471	71	4.0	17	4505	0.21
8	89	55	72	67	17	39	39	472	70	4.3	16	4521	0.21
9	90	55	73	67	15	36	39	473	70	4.7	17	4538	0.22
10	91	56	73	64	16	36	39	468	69	5.0	18	4556	0.23
11	90	54	72	65	18	36	38	446	69	4.3	16	4572	0.21
12	89	54	71	64	16	35	38	453	69	3.9	16	4588	0.20
13	89	54	71	69	14	37	38	456	68	4.1	16	4604	0.21
14	88	53	70	71	16	41	38	417	67	4.2	15	4619	0.19
15	87	53	69	72	16	41	38	438	67	4.1	15	4634	0.19
16	85	54	69	70	19	43	39	420	67	4.2	15	4649	0.18
17	86	52	68	72	17	42	38	458	67	3.6	14	4663	0.19
18	88	51	69	74	17	42	39	446	67	3.8	14	4678	0.19
19	86	53	69	70	18	43	38	406	66	4.8	15	4692	0.19
20	84	52	68	76	18	43	39	401	66	4.4	14	4706	0.17
21	83	53	67	75	23	46	41	382	65	4.9	13	4719	0.17
22	81	52	66	77	26	50	42	360	65	4.4	13	4732	0.15
23	83	51	67	77	24	50	41	401	65	3.9	13	4745	0.16
24	84	51	67	78	21	49	40	403	65	3.5	13	4758	0.16
25	83	51	66	74	20	46	39	390	64	4.1	13	4771	0.16
26	81	47	64	79	18	48	36	374	64	3.9	11	4782	0.15
27	80	49	63	77	22	50	38	344	63	4.1	11	4793	0.14
28	80	48	64	81	24	50	40	385	63	3.8	11	4804	0.15
29	81	48	63	78	22	48	38	383	62	3.7	11	4816	0.15
30	80	47	63	82	21	49	38	353	61	4.3	10	4826	0.14
<u>31</u>	<u>77</u>	<u>47</u>	<u>62</u>	<u>77</u>	<u>24</u>	<u>49</u>	<u>37</u>	<u>361</u>	<u>61</u>	<u>3.8</u>	<u>10</u>	<u>4835</u>	<u>0.14</u>
AVG	86	53	69	72	19	43	40	424	67	4.2	15		
SUM										463			5.77

PPT= 0.81

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			

**TUCSON: CAMPUS 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	77	46	61	78	23	50	37	360	61	3.7	10	4845	0.14
2	77	45	61	79	23	49	37	343	60	4.0	9	4854	0.14
3	77	44	60	81	20	48	35	364	59	3.9	8	4862	0.14
4	77	45	60	76	20	48	34	356	59	4.2	9	4871	0.14
5	78	43	59	79	19	49	33	353	59	3.6	9	4880	0.13
6	79	44	60	78	21	48	34	349	59	3.8	9	4889	0.14
7	77	44	59	78	21	49	34	337	59	3.6	8	4898	0.13
8	77	42	59	79	20	50	34	373	59	3.6	9	4906	0.14
9	78	43	60	79	20	47	34	349	58	4.5	9	4915	0.14
10	79	45	61	76	20	46	35	327	59	4.0	10	4925	0.13
11	76	44	59	82	26	54	37	296	58	3.5	8	4933	0.11
12	76	44	59	83	25	55	36	308	58	4.2	8	4941	0.11
13	76	43	58	81	26	54	36	328	58	3.8	8	4950	0.12
14	76	43	58	83	24	54	36	323	57	4.2	8	4958	0.12
15	73	40	56	81	25	53	33	313	56	4.1	7	4964	0.11
16	74	38	54	80	20	52	31	336	55	3.4	7	4971	0.12
17	75	38	55	79	19	49	30	321	54	3.4	7	4978	0.11
18	75	40	56	77	18	48	30	332	55	3.6	7	4985	0.12
19	73	39	55	77	18	47	29	337	55	4.3	7	4992	0.13
20	73	40	56	80	18	47	30	320	54	4.3	7	4999	0.13
21	75	38	54	81	20	51	30	314	54	3.4	7	5005	0.11
22	74	40	55	79	20	49	31	293	54	3.4	7	5012	0.10
23	73	38	55	82	20	49	30	303	54	4.0	6	5018	0.11
24	73	37	53	81	19	49	29	321	53	3.4	6	5025	0.11
25	72	38	53	79	23	52	30	286	53	3.8	6	5031	0.10
26	71	37	53	77	24	50	29	286	52	4.4	5	5036	0.10
27	68	34	50	80	20	50	26	322	51	3.8	4	5040	0.11
28	68	33	49	79	20	48	25	296	50	3.7	4	5044	0.10
29	68	34	51	74	20	45	25	303	50	4.9	4	5048	0.11
<u>30</u>	<u>69</u>	<u>34</u>	<u>50</u>	<u>81</u>	<u>19</u>	<u>51</u>	<u>26</u>	<u>282</u>	<u>49</u>	<u>3.2</u>	<u>4</u>	<u>5053</u>	<u>0.09</u>
AVG	74	40	56	79	21	50	32	324	56	3.9	7		
SUM											217		3.60

PPT= 0.65

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			

**TUCSON: CAMPUS 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	71	34	50	84	23	52	28	292	50	3.3	5	5058	0.10
2	69	35	51	79	25	52	29	278	50	4.0	4	5062	0.10
3	70	35	50	84	21	55	28	301	50	3.8	5	5067	0.10
4	70	35	51	86	24	55	29	271	50	3.7	5	5071	0.09
5	70	36	51	86	28	59	31	262	50	3.5	5	5076	0.08
6	70	37	51	85	25	59	31	281	51	3.7	5	5081	0.09
7	70	37	51	85	28	60	32	269	51	3.4	5	5086	0.08
8	67	37	51	82	30	58	31	254	50	4.7	4	5090	0.09
9	68	36	50	79	27	55	29	289	49	4.0	5	5094	0.10
10	69	36	51	80	27	54	30	261	49	3.9	5	5099	0.09
11	66	36	50	84	28	59	30	275	49	4.0	4	5103	0.09
12	64	35	48	87	32	60	31	252	49	4.0	3	5106	0.08
13	65	33	47	86	28	61	28	278	48	3.4	3	5109	0.08
14	66	32	48	86	26	57	28	290	47	3.9	3	5112	0.09
15	64	34	48	81	26	54	27	252	47	4.5	3	5115	0.09
16	64	34	48	81	28	56	27	258	47	4.1	3	5118	0.09
17	67	33	48	87	24	57	27	259	47	3.6	3	5121	0.08
18	65	34	48	88	31	62	30	262	47	3.5	3	5124	0.07
19	65	34	48	88	30	61	29	253	47	3.9	3	5127	0.08
20	64	33	47	89	33	62	29	265	47	3.7	2	5129	0.08
21	63	34	48	86	34	62	30	249	47	4.0	2	5132	0.07
22	62	32	46	90	33	65	29	255	46	3.9	2	5134	0.07
23	61	32	45	88	31	61	28	274	45	4.8	2	5136	0.09
24	63	34	46	84	30	58	28	263	46	4.1	3	5138	0.08
25	62	33	46	87	31	60	29	262	46	4.5	2	5141	0.08
26	62	31	45	86	32	61	28	251	45	3.3	2	5143	0.07
27	65	32	47	87	27	59	29	278	46	3.4	3	5146	0.08
28	66	36	49	89	32	63	32	259	47	3.3	3	5149	0.08
29	66	35	49	90	32	63	32	245	48	3.3	4	5153	0.07
30	65	36	49	87	33	63	32	276	48	3.6	3	5156	0.08
<u>31</u>	<u>67</u>	<u>35</u>	<u>49</u>	<u>89</u>	<u>32</u>	<u>64</u>	<u>33</u>	<u>269</u>	<u>47</u>	<u>3.1</u>	<u>4</u>	<u>5159</u>	<u>0.08</u>
AVG	66	34	49	85	29	59	30	267	48	3.8	3		
SUM											107		2.60

PPT= 1.13

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