

PHOENIX ENCANTO 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	68	39	51	92	29	60	35	252	49	2.0	4	4	0.07
2	67	40	52	87	29	59	34	218	49	2.4	4	8	0.06
3	66	39	52	91	31	60	34	222	50	2.4	4	12	0.06
4	65	39	51	88	39	65	35	224	50	2.2	3	15	0.06
5	65	41	52	84	37	60	35	213	51	2.8	3	18	0.06
6	63	40	50	88	38	62	34	213	50	2.6	3	20	0.06
7	65	37	49	86	31	60	32	257	49	2.2	3	23	0.07
8	66	36	50	89	27	58	31	262	49	2.4	3	27	0.07
9	66	36	50	86	32	60	31	246	49	2.0	3	30	0.07
10	67	39	51	86	34	62	34	236	49	2.1	4	34	0.07
11	68	40	53	89	28	58	34	258	50	2.6	4	38	0.08
12	66	40	52	81	33	58	33	242	50	2.8	4	42	0.07
13	67	40	52	88	34	62	36	261	50	2.3	4	46	0.07
14	69	38	52	89	31	62	34	270	50	2.0	4	50	0.08
15	67	38	52	88	28	59	32	260	50	2.1	4	54	0.07
16	66	39	52	86	31	56	33	249	50	2.3	4	58	0.07
17	68	40	53	84	29	56	33	264	50	2.6	4	62	0.08
18	68	39	52	80	29	55	32	271	50	2.4	5	67	0.08
19	69	39	52	79	25	53	31	294	50	2.4	5	72	0.09
20	69	41	54	83	27	53	34	271	50	2.4	4	76	0.09
21	68	41	54	80	26	53	33	278	51	2.6	5	81	0.09
22	68	40	52	85	25	56	33	260	51	1.9	4	85	0.08
23	69	39	52	87	23	55	32	292	51	2.0	5	89	0.09
24	71	40	54	85	22	51	33	298	51	2.3	5	95	0.10
25	69	40	54	82	24	50	32	258	51	2.8	5	100	0.08
26	67	41	53	85	28	55	34	274	51	2.6	4	104	0.09
27	67	40	52	87	29	60	34	268	51	2.3	4	108	0.08
28	67	37	51	87	26	57	31	309	51	2.2	4	111	0.09
29	68	37	52	86	23	52	30	322	50	2.5	4	115	0.10
30	69	40	54	75	20	42	29	312	51	2.7	5	120	0.11
<u>31</u>	<u>71</u>	<u>40</u>	<u>54</u>	<u>79</u>	<u>19</u>	<u>44</u>	<u>30</u>	<u>296</u>	<u>51</u>	<u>2.5</u>	<u>5</u>	<u>125</u>	<u>0.10</u>
AVG	67	39	52	85	29	57	33	263	50	2.4	4		
SUM											125		2.43

PPT= 1.14

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 1988-2001

PHOENIX ENCANTO 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	69	40	54	82	24	52	32	309	52	2.4	5	130	0.10
2	71	40	54	82	23	52	32	330	52	2.4	5	135	0.11
3	73	39	55	85	20	51	31	331	52	2.3	6	141	0.11
4	73	42	56	84	20	50	33	302	53	2.9	6	147	0.11
5	72	42	56	82	24	52	34	321	54	2.7	6	153	0.11
6	71	41	56	80	22	49	32	352	54	2.9	6	159	0.12
7	70	44	56	79	27	52	34	298	54	2.8	6	165	0.10
8	68	45	56	84	36	60	38	239	54	2.8	5	170	0.08
9	70	44	56	86	29	58	37	333	54	2.6	6	176	0.10
10	70	43	56	87	26	55	36	355	54	2.8	5	181	0.12
11	70	44	56	83	26	53	35	342	54	2.8	5	187	0.11
12	70	44	57	79	24	50	33	332	54	2.9	6	192	0.11
13	69	45	56	84	29	54	36	294	55	3.1	5	197	0.10
14	68	43	55	83	33	57	36	300	54	2.8	5	202	0.10
15	69	43	55	82	28	55	35	354	54	2.7	5	208	0.11
16	71	43	56	81	24	51	34	343	55	2.5	6	214	0.11
17	71	45	57	82	24	52	36	330	56	3.1	7	221	0.11
18	71	44	58	80	23	50	34	373	56	3.1	6	226	0.13
19	72	44	58	79	25	49	34	352	56	3.2	7	233	0.12
20	72	45	58	81	27	51	36	355	56	3.2	7	240	0.13
21	72	45	58	80	28	51	37	368	57	2.9	7	247	0.13
22	72	44	57	82	25	51	35	399	57	2.7	6	253	0.14
23	74	43	58	79	20	44	33	408	57	2.7	7	260	0.14
24	73	43	58	75	20	43	32	383	57	3.1	7	267	0.14
25	72	43	57	78	21	47	32	388	57	2.7	6	273	0.13
26	73	44	58	74	20	45	32	390	57	2.9	7	280	0.14
27	73	44	58	83	22	47	35	390	57	3.2	7	287	0.14
<u>28</u>	<u>70</u>	<u>46</u>	<u>58</u>	<u>81</u>	<u>30</u>	<u>54</u>	<u>36</u>	<u>362</u>	<u>58</u>	<u>3.2</u>	<u>6</u>	<u>293</u>	<u>0.12</u>
AVG	71	43	57	81	25	51	34	344	55	2.8	6		
SUM											168		3.26

PPT= 0.93

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 1988-2001

PHOENIX ENCANTO 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	46	58	79	26	51	35	391	58	3.0	6	299	0.13
2	72	44	58	86	25	53	36	393	58	2.8	6	306	0.13
3	74	46	60	80	23	49	36	408	59	3.0	8	313	0.14
4	74	47	61	77	23	47	36	421	59	3.1	8	321	0.15
5	74	48	61	76	24	47	37	407	60	3.4	8	329	0.15
6	73	47	60	71	25	46	35	418	60	3.8	8	337	0.16
7	71	44	57	80	27	53	35	391	59	3.3	6	343	0.13
8	74	44	58	84	26	53	36	458	59	2.5	7	350	0.15
9	77	45	61	82	24	50	37	447	59	2.5	9	358	0.16
10	78	47	62	79	21	47	36	448	60	2.7	9	368	0.16
11	76	47	61	79	23	47	36	424	60	3.6	8	376	0.16
12	77	47	61	78	20	46	35	496	61	2.9	9	385	0.18
13	76	48	61	76	18	44	35	451	61	3.2	9	394	0.17
14	76	47	61	81	21	48	36	433	60	2.8	8	402	0.15
15	78	48	62	80	21	47	37	470	61	3.1	10	412	0.18
16	77	49	63	79	22	47	38	478	62	2.9	10	422	0.18
17	78	49	64	79	21	45	38	477	62	2.9	10	432	0.18
18	80	49	64	80	17	44	37	512	63	2.9	11	443	0.19
19	82	49	65	79	17	42	36	492	63	2.8	11	454	0.19
20	82	50	66	77	17	43	38	481	63	3.3	12	466	0.19
21	79	50	64	80	21	46	39	471	64	3.0	11	477	0.18
22	81	50	65	73	19	41	37	523	64	2.9	12	489	0.20
23	80	50	65	70	18	39	36	543	65	3.7	11	500	0.22
24	81	50	65	69	17	38	36	543	65	3.1	11	511	0.21
25	79	52	65	69	18	37	36	507	64	3.7	12	523	0.20
26	73	50	61	81	30	52	39	406	63	3.8	8	531	0.15
27	74	48	61	84	29	54	39	458	62	3.5	8	538	0.16
28	75	49	62	77	29	51	39	489	63	3.8	8	547	0.18
29	75	49	62	79	27	51	39	515	63	3.5	9	555	0.19
30	78	49	64	79	21	45	38	556	64	3.1	10	565	0.21
<u>31</u>	<u>78</u>	<u>50</u>	<u>64</u>	<u>76</u>	<u>21</u>	<u>43</u>	<u>38</u>	<u>549</u>	<u>65</u>	<u>3.4</u>	<u>11</u>	<u>576</u>	<u>0.21</u>
AVG	77	48	62	78	22	47	37	466	62	3.2	9		
SUM											283		5.33

PPT= 1.07

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 1988-2001

PHOENIX ENCANTO 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	77	50	63	77	23	47	38	475	65	3.8	10	586	0.18
2	76	49	63	76	22	47	37	539	65	3.6	9	595	0.20
3	78	50	65	75	20	44	37	564	66	3.3	10	606	0.22
4	80	52	66	73	20	43	39	534	66	3.3	12	617	0.21
5	80	52	66	76	21	44	39	546	66	3.8	12	629	0.22
6	82	53	67	70	17	40	38	598	67	3.7	13	641	0.24
7	81	52	67	70	17	38	37	578	67	3.5	12	654	0.24
8	82	52	68	69	15	37	36	597	67	3.5	13	666	0.25
9	82	51	68	67	14	34	35	630	67	4.0	12	679	0.27
10	81	51	67	63	14	33	33	607	67	4.0	12	691	0.25
11	82	52	67	66	14	35	34	625	67	3.8	12	703	0.26
12	82	52	68	69	13	35	35	603	67	3.7	13	716	0.25
13	83	52	68	64	15	33	35	621	68	3.4	13	729	0.26
14	83	53	68	60	14	31	35	624	68	3.4	13	742	0.26
15	84	52	69	64	13	32	34	606	68	3.2	13	756	0.25
16	86	53	70	67	12	32	36	620	69	3.5	15	771	0.26
17	85	54	70	66	16	35	37	603	69	3.6	15	785	0.26
18	85	56	71	69	16	35	39	597	70	3.9	15	801	0.25
19	86	55	71	63	17	35	37	603	70	3.0	15	815	0.25
20	88	54	72	67	12	32	37	639	70	3.6	16	831	0.28
21	88	56	73	66	13	31	38	614	71	4.0	17	848	0.27
22	87	56	72	65	16	34	39	649	71	3.6	16	864	0.27
23	87	57	73	64	15	32	39	648	71	3.9	17	881	0.28
24	83	55	70	63	16	33	37	624	70	4.4	14	894	0.27
25	85	55	71	66	16	36	38	658	71	3.9	15	909	0.27
26	88	56	73	67	13	33	38	660	72	3.7	16	925	0.28
27	90	58	75	66	12	31	40	657	72	3.7	18	943	0.29
28	89	58	75	61	11	27	37	674	73	4.1	17	960	0.30
29	87	57	73	58	12	26	36	672	73	3.8	17	977	0.29
<u>30</u>	<u>89</u>	<u>58</u>	<u>74</u>	<u>59</u>	<u>12</u>	<u>28</u>	<u>37</u>	<u>659</u>	<u>73</u>	<u>3.6</u>	<u>18</u>	<u>995</u>	<u>0.29</u>
AVG	84	54	69	67	15	35	37	611	69	3.7	14		
SUM											419		7.67

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 1988-2001

**PHOENIX ENCANTO
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	90	58	75	60	13	29	38	676	73	3.8	18	1013	0.30
2	90	58	75	60	12	27	37	682	73	3.7	18	1031	0.30
3	89	59	75	55	12	26	37	661	73	4.0	18	1049	0.29
4	91	60	77	57	12	26	39	687	74	4.0	19	1068	0.31
5	91	59	76	60	12	28	38	658	74	4.0	18	1086	0.30
6	91	59	76	60	12	28	38	664	74	3.7	18	1104	0.29
7	92	59	77	66	12	29	40	683	74	3.7	19	1123	0.30
8	93	61	78	57	12	28	39	673	75	4.3	20	1143	0.31
9	92	63	78	59	14	28	41	651	75	4.0	21	1164	0.30
10	91	61	77	60	14	29	41	683	74	4.2	19	1183	0.31
11	90	61	76	59	14	30	40	678	75	4.1	19	1202	0.30
12	92	60	77	63	14	31	41	686	76	3.8	19	1221	0.30
13	92	62	78	59	14	30	41	664	76	4.1	20	1241	0.30
14	92	62	79	60	12	28	41	699	77	3.9	20	1261	0.32
15	92	62	79	55	12	25	40	685	77	4.1	21	1282	0.32
16	91	62	78	61	13	28	41	673	76	4.2	20	1302	0.31
17	93	62	78	61	13	29	41	700	77	3.8	20	1322	0.31
18	94	63	80	59	12	27	42	688	77	3.9	21	1344	0.31
19	92	64	80	58	13	28	42	651	77	4.0	22	1365	0.30
20	93	63	79	61	13	30	43	633	77	3.7	21	1387	0.28
21	94	61	79	65	13	30	42	691	77	3.7	21	1407	0.31
22	94	62	80	59	11	27	40	708	77	3.6	21	1428	0.32
23	94	63	80	61	12	29	42	688	77	3.8	22	1450	0.31
24	93	64	80	62	13	29	43	671	77	4.0	21	1471	0.31
25	92	63	79	63	15	31	43	688	77	4.1	20	1492	0.31
26	93	63	80	62	14	32	44	694	78	3.5	21	1513	0.31
27	97	65	82	59	12	28	44	705	78	3.5	23	1536	0.32
28	96	65	82	62	12	28	44	681	79	3.9	22	1558	0.32
29	96	64	81	62	13	30	44	703	79	3.4	22	1581	0.32
30	97	65	82	59	11	26	42	704	79	3.7	23	1603	0.33
31	96	65	83	58	11	25	42	735	79	3.9	23	1626	0.34
AVG	93	62	79	60	13	28	41	682	76	3.9	20		
SUM											631		9.57

PPT= 0.09

TX: Maximum Air Temp., Deg. F	SR: Solar Radiation, Langley/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 1988-2001	

PHOENIX ENCANTO 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	97	64	83	59	12	26	43	700	79	3.5	23	1649	0.33
2	97	65	83	61	11	27	43	736	79	3.6	23	1671	0.34
3	98	65	83	61	10	26	43	738	80	3.7	23	1694	0.34
4	97	64	83	62	10	25	43	741	80	3.7	22	1716	0.34
5	98	64	83	58	10	24	41	723	80	3.8	23	1739	0.34
6	97	65	82	57	10	25	41	722	80	3.9	23	1762	0.34
7	96	64	81	60	11	26	41	702	79	3.8	22	1783	0.32
8	97	65	82	58	12	28	43	719	80	3.6	23	1806	0.33
9	98	66	83	61	12	28	44	700	81	3.3	23	1829	0.32
10	99	66	84	61	11	27	44	715	81	3.4	24	1853	0.33
11	100	67	85	61	10	25	45	713	81	3.4	24	1877	0.33
12	100	68	86	54	10	24	43	689	81	3.9	25	1902	0.33
13	100	67	86	56	10	24	43	727	81	4.2	24	1926	0.35
14	100	67	85	53	10	23	42	730	80	3.8	24	1951	0.35
15	100	67	85	56	10	24	43	733	80	4.0	24	1975	0.35
16	99	67	85	56	10	25	43	718	81	3.7	24	1999	0.34
17	100	67	85	62	10	27	45	701	81	3.5	24	2023	0.33
18	103	67	87	63	10	27	45	726	82	3.1	25	2047	0.34
19	104	70	89	58	10	26	47	703	83	3.4	26	2073	0.34
20	103	71	88	62	13	28	50	671	83	3.7	26	2100	0.32
21	103	71	88	60	11	26	48	696	83	3.4	26	2126	0.33
22	101	69	87	58	11	25	46	686	83	3.3	25	2151	0.32
23	103	70	88	59	10	26	47	732	84	3.6	26	2177	0.35
24	104	70	89	59	9	24	46	735	84	3.5	26	2203	0.36
25	105	70	89	58	9	24	46	706	84	3.6	26	2229	0.35
26	105	70	90	54	10	23	46	717	84	3.5	26	2255	0.35
27	104	72	90	54	10	24	47	703	84	3.6	27	2282	0.35
28	105	72	90	56	12	26	48	707	85	3.8	27	2309	0.35
29	105	74	91	58	13	27	51	704	85	4.0	27	2336	0.35
<u>30</u>	<u>105</u>	<u>76</u>	<u>92</u>	<u>55</u>	<u>12</u>	<u>26</u>	<u>50</u>	<u>707</u>	<u>85</u>	<u>4.2</u>	<u>28</u>	<u>2364</u>	<u>0.36</u>
AVG	101	68	86	58	11	25	45	713	82	3.7	25		
SUM											738		10.20

PPT= 0.02

TX: Maximum Air Temp., Deg. F	SR: Solar Radiation, Langley/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 1988-2001

PHOENIX ENCANTO 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	106	74	92	59	12	27	51	715	86	3.7	27	2391	0.35
2	105	74	91	62	12	28	52	693	86	3.8	28	2419	0.34
3	105	74	91	62	13	29	52	711	86	3.9	28	2447	0.35
4	105	74	91	57	12	27	50	727	86	3.8	28	2474	0.36
5	104	75	91	60	15	32	53	667	87	3.9	28	2502	0.33
6	102	75	90	64	21	36	56	631	87	4.0	28	2530	0.31
7	103	75	89	75	20	42	59	645	86	3.7	28	2557	0.30
8	102	75	90	72	22	40	59	658	86	4.0	28	2585	0.31
9	103	77	90	66	19	37	57	644	86	4.1	28	2614	0.31
10	103	76	90	69	19	38	58	666	87	3.9	28	2642	0.32
11	102	77	90	66	23	39	58	642	87	3.9	28	2670	0.31
12	104	76	91	64	17	35	56	683	88	3.8	28	2698	0.33
13	105	77	91	63	16	34	56	648	88	3.5	28	2727	0.31
14	104	75	91	65	18	34	56	634	87	3.9	28	2755	0.31
15	103	75	90	67	21	38	57	638	87	3.5	28	2782	0.30
16	103	76	90	65	19	36	57	612	87	3.4	28	2810	0.29
17	103	76	91	68	16	36	57	662	87	3.6	28	2839	0.32
18	104	76	91	66	17	35	56	664	87	3.6	28	2867	0.32
19	104	75	91	66	16	34	56	671	87	3.7	28	2895	0.32
20	103	77	91	66	18	36	57	660	88	3.9	28	2923	0.32
21	102	76	91	68	21	36	59	645	88	4.3	28	2951	0.32
22	102	77	90	68	22	39	59	642	88	3.7	28	2980	0.30
23	103	77	91	64	20	36	58	651	88	3.6	28	3008	0.31
24	103	75	90	68	21	40	58	651	87	3.8	28	3036	0.31
25	105	76	91	68	19	38	58	673	88	3.7	28	3064	0.32
26	105	76	91	69	17	38	57	645	88	3.1	28	3092	0.30
27	106	76	92	68	15	35	57	668	88	3.8	28	3121	0.33
28	106	77	92	68	18	37	58	657	88	3.9	28	3149	0.32
29	103	78	91	68	22	39	60	600	88	3.8	29	3178	0.29
30	103	77	91	71	22	42	60	623	88	3.7	29	3206	0.30
<u>31</u>	<u>105</u>	<u>78</u>	<u>92</u>	<u>69</u>	<u>19</u>	<u>39</u>	<u>60</u>	<u>656</u>	<u>89</u>	<u>3.6</u>	<u>29</u>	<u>3235</u>	<u>0.32</u>
AVG	104	76	91	66	18	36	57	658	87	3.8	28		
SUM											871		9.81

PPT= 1.16

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 1988-2001

PHOENIX ENCANTO 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	106	79	93	64	16	35	58	666	89	3.9	29	3265	0.33
2	105	78	92	68	19	38	60	632	89	3.7	29	3294	0.30
3	105	79	92	66	20	38	60	636	89	4.1	29	3323	0.31
4	105	78	92	71	19	40	61	663	89	3.8	29	3352	0.32
5	105	78	92	65	20	38	60	629	89	3.8	29	3381	0.31
6	104	78	91	68	20	38	60	645	89	3.8	29	3410	0.31
7	104	76	90	71	21	40	60	626	88	3.8	28	3438	0.30
8	103	76	90	71	21	43	58	579	88	3.7	28	3466	0.27
9	102	78	90	74	24	45	62	597	88	3.9	29	3495	0.28
10	103	79	91	73	25	44	64	587	89	3.6	29	3524	0.28
11	104	77	91	79	22	44	63	631	89	4.0	28	3553	0.30
12	103	77	90	72	22	44	62	627	88	3.6	28	3581	0.29
13	104	78	91	70	20	40	61	636	88	3.6	29	3610	0.31
14	102	78	90	71	26	46	63	523	87	4.1	28	3638	0.25
15	102	76	89	73	25	46	62	612	87	3.6	28	3666	0.29
16	103	77	90	73	23	44	63	613	87	3.5	29	3695	0.29
17	103	76	89	79	22	46	63	600	88	3.6	28	3723	0.28
18	102	77	89	77	22	46	62	604	87	3.5	28	3751	0.28
19	102	76	90	75	22	43	62	607	87	3.6	28	3779	0.29
20	103	76	90	73	19	42	61	619	86	3.4	28	3808	0.29
21	103	78	90	65	20	40	60	597	86	3.6	29	3837	0.29
22	103	76	89	73	20	42	60	588	86	3.5	28	3865	0.28
23	102	75	89	74	20	42	59	565	86	3.3	27	3892	0.27
24	101	75	89	74	22	43	60	597	86	4.1	28	3920	0.28
25	101	75	88	73	24	45	60	577	86	3.2	27	3947	0.26
26	101	76	88	73	26	46	62	543	86	3.0	28	3975	0.25
27	100	75	87	78	28	50	62	538	86	3.3	27	4002	0.24
28	102	75	88	81	25	49	63	577	87	3.1	28	4030	0.26
29	100	75	88	78	28	50	63	535	87	3.6	27	4057	0.24
30	100	76	88	75	29	49	64	578	87	3.4	28	4085	0.26
<u>31</u>	<u>100</u>	<u>76</u>	<u>87</u>	<u>79</u>	<u>28</u>	<u>51</u>	<u>64</u>	<u>521</u>	<u>86</u>	<u>3.3</u>	<u>28</u>	<u>4113</u>	<u>0.24</u>
AVG	103	77	90	73	23	44	61	598	87	3.6	28		
SUM											878		8.75

PPT= 1.26

TX: Maximum Air Temp., Deg. F	SR: Solar Radiation, Langley/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 1988-2001	

PHOENIX ENCANTO 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	100	75	87	72	27	47	62	520	86	3.4	28	4141	0.24
2	100	73	87	80	25	48	62	539	86	3.4	27	4167	0.25
3	100	73	86	77	26	50	61	539	85	3.4	27	4194	0.25
4	101	72	86	79	23	49	60	552	85	3.2	26	4221	0.25
5	99	72	85	80	26	49	60	535	85	3.3	26	4247	0.24
6	100	72	86	80	22	48	59	556	85	3.1	26	4274	0.25
7	102	72	86	80	19	46	59	591	85	2.7	27	4300	0.27
8	102	71	87	75	17	41	56	583	84	2.7	26	4327	0.27
9	102	71	86	72	18	40	56	540	84	3.4	26	4353	0.25
10	101	72	86	76	22	44	58	538	83	3.1	26	4379	0.25
11	100	71	85	79	24	48	59	504	83	3.4	26	4406	0.23
12	100	72	85	76	22	45	58	568	83	3.3	26	4432	0.26
13	100	70	85	77	23	45	58	524	83	3.2	26	4457	0.24
14	98	68	84	77	22	44	56	561	82	3.2	24	4482	0.25
15	98	68	83	76	24	47	56	524	82	3.2	25	4506	0.24
16	99	70	85	75	23	44	57	545	83	3.1	26	4532	0.25
17	99	70	85	75	22	45	58	522	82	3.2	26	4557	0.24
18	98	71	83	74	20	44	55	509	82	3.0	26	4583	0.23
19	97	69	82	76	21	43	55	514	82	3.3	25	4608	0.23
20	97	68	81	76	22	47	54	518	81	3.2	24	4632	0.23
21	96	67	81	77	27	49	56	495	81	3.1	24	4655	0.22
22	97	67	81	79	22	47	55	522	81	3.1	24	4679	0.23
23	96	68	82	75	23	45	54	518	81	3.2	24	4703	0.23
24	96	69	82	76	22	45	55	486	81	3.1	24	4727	0.22
25	97	67	81	78	21	46	55	478	80	2.9	24	4751	0.21
26	99	68	82	73	19	41	53	509	80	3.0	25	4776	0.23
27	99	66	81	74	17	41	51	511	79	2.7	24	4800	0.23
28	99	65	81	75	16	41	50	507	79	2.5	23	4823	0.23
29	98	65	81	68	16	37	48	498	78	2.8	23	4846	0.23
<u>30</u>	<u>96</u>	<u>65</u>	<u>80</u>	<u>74</u>	<u>19</u>	<u>39</u>	<u>51</u>	<u>467</u>	<u>77</u>	<u>2.8</u>	<u>23</u>	<u>4869</u>	<u>0.21</u>
AVG	99	70	84	76	22	45	56	526	82	3.1	25		
SUM											756		7.14

PPT= 0.87

TX: Maximum Air Temp., Deg. F	SR: Solar Radiation, Langley/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 1988-2001

PHOENIX ENCANTO 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	64	79	72	18	41	49	478	77	2.8	22	4891	0.21
2	97	64	79	70	19	40	49	493	77	2.8	23	4913	0.22
3	95	65	79	76	20	43	52	455	76	2.9	23	4936	0.20
4	94	64	78	76	22	46	51	447	76	2.9	22	4958	0.19
5	93	63	78	76	21	43	50	473	76	3.1	21	4979	0.21
6	93	61	76	78	22	46	50	449	75	2.6	21	4999	0.19
7	92	60	75	77	20	45	48	450	74	2.7	20	5019	0.19
8	92	59	75	77	18	42	46	470	74	2.8	19	5038	0.20
9	93	59	75	70	19	41	45	465	74	2.8	20	5058	0.20
10	93	59	75	78	19	42	47	466	74	3.1	19	5077	0.20
11	92	58	74	74	17	41	44	436	73	2.7	18	5095	0.18
12	92	58	74	73	16	42	44	440	73	2.3	19	5114	0.18
13	92	57	73	77	15	42	44	438	73	2.6	18	5132	0.18
14	90	57	73	75	19	43	44	412	72	2.7	17	5150	0.17
15	90	57	72	77	20	44	46	422	71	2.7	17	5167	0.17
16	87	58	71	77	22	47	46	394	71	2.8	17	5184	0.16
17	88	56	71	77	17	45	43	442	71	2.5	17	5200	0.18
18	90	55	71	79	15	44	42	431	71	2.3	17	5217	0.17
19	88	57	71	76	19	45	44	399	71	2.9	17	5234	0.17
20	87	57	71	73	17	41	42	418	70	2.9	17	5251	0.18
21	86	57	70	80	22	47	45	370	70	3.1	16	5267	0.15
22	84	57	69	80	28	52	47	350	69	2.9	15	5283	0.14
23	85	54	69	84	25	53	46	382	69	2.3	15	5298	0.14
24	86	55	69	84	22	52	45	380	69	2.4	15	5313	0.14
25	84	54	67	83	22	50	43	368	68	2.5	14	5327	0.14
26	83	51	66	84	19	50	42	381	67	2.4	13	5340	0.14
27	80	52	65	86	25	54	43	332	67	2.7	12	5352	0.12
28	81	52	65	86	22	52	43	362	66	2.3	12	5364	0.13
29	82	51	65	81	20	49	41	374	66	2.4	12	5377	0.14
30	80	51	64	82	23	51	41	337	66	2.4	11	5388	0.12
<u>31</u>	<u>80</u>	<u>50</u>	<u>64</u>	<u>78</u>	<u>20</u>	<u>49</u>	<u>39</u>	<u>364</u>	<u>66</u>	<u>2.5</u>	<u>11</u>	<u>5400</u>	<u>0.13</u>
AVG	89	57	72	78	20	46	45	415	71	2.7	17		
SUM											531		5.28

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 1988-2001

PHOENIX ENCANTO 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	49	63	85	20	50	40	360	65	2.1	11	5411	0.13
2	80	49	63	83	23	52	40	336	64	2.3	11	5422	0.12
3	79	48	63	81	19	48	38	347	63	2.5	10	5432	0.13
4	78	49	62	84	21	51	39	338	63	2.2	10	5442	0.12
5	79	47	61	86	21	52	38	338	63	2.1	10	5452	0.12
6	80	48	62	83	22	51	39	329	62	2.2	11	5463	0.12
7	79	48	61	82	20	51	38	329	62	2.2	10	5473	0.11
8	79	47	62	81	21	49	39	341	62	2.4	11	5484	0.12
9	79	47	62	84	22	51	39	327	62	2.6	10	5494	0.12
10	79	49	63	84	21	51	39	290	62	2.4	10	5505	0.10
11	76	48	61	88	27	56	41	293	62	2.4	9	5514	0.10
12	77	47	61	88	27	57	41	299	61	2.3	9	5523	0.10
13	78	47	60	88	25	57	40	321	61	2.3	10	5533	0.11
14	76	47	60	87	26	57	40	295	60	2.6	9	5542	0.10
15	76	46	59	85	23	54	37	311	60	2.6	9	5550	0.11
16	76	44	58	87	21	55	36	308	59	2.0	8	5558	0.10
17	75	44	58	87	21	52	36	306	58	2.1	8	5566	0.10
18	75	44	57	87	22	53	36	308	58	2.4	8	5574	0.10
19	75	43	57	87	19	52	34	307	58	2.1	8	5581	0.10
20	75	43	57	87	18	51	34	301	58	2.5	8	5589	0.10
21	74	43	57	87	21	55	35	291	57	2.0	7	5596	0.09
22	75	44	58	88	20	53	35	275	57	2.1	8	5604	0.09
23	75	43	57	81	19	49	33	305	57	2.5	7	5611	0.11
24	74	42	56	85	19	51	33	282	57	2.0	7	5618	0.09
25	72	42	55	85	25	54	34	258	56	2.0	6	5624	0.08
26	71	42	55	84	24	52	34	268	56	2.6	6	5630	0.09
27	70	39	53	85	18	49	30	293	54	2.5	5	5635	0.09
28	69	38	52	79	18	47	28	275	53	2.6	4	5640	0.09
29	70	39	53	79	20	47	29	270	53	2.8	5	5645	0.09
<u>30</u>	<u>70</u>	<u>39</u>	<u>53</u>	<u>82</u>	<u>23</u>	<u>52</u>	<u>31</u>	<u>259</u>	<u>53</u>	<u>2.1</u>	<u>5</u>	<u>5650</u>	<u>0.08</u>
AVG	76	45	59	85	22	52	36	305	59	2.3	8		
SUM											250		3.11

PPT= 0.57

TX: Maximum Air Temp., Deg. F	SR: Solar Radiation, Langley/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 1988-2001

PHOENIX ENCANTO 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	38	53	90	24	57	33	271	53	2.1	5	5655	0.08
2	70	39	52	90	24	56	33	264	52	2.2	5	5660	0.08
3	70	39	53	89	22	54	32	276	52	2.3	5	5665	0.09
4	70	38	53	90	26	58	33	238	53	2.1	5	5670	0.07
5	70	40	53	87	28	58	34	244	53	2.1	5	5674	0.07
6	69	40	53	89	26	60	34	234	53	2.0	5	5679	0.07
7	70	40	53	89	30	61	36	259	52	2.1	5	5684	0.07
8	69	41	54	85	27	56	34	247	52	2.7	5	5689	0.08
9	70	40	53	83	24	53	32	268	52	2.5	5	5694	0.08
10	68	40	53	84	28	55	33	249	52	2.5	4	5699	0.08
11	67	40	52	87	30	59	34	237	52	2.4	4	5703	0.07
12	66	39	51	87	30	57	33	237	51	2.6	3	5706	0.07
13	68	37	51	91	26	59	32	270	51	2.0	4	5710	0.08
14	67	37	51	88	24	56	31	259	50	2.2	4	5714	0.08
15	66	38	51	83	25	54	30	241	50	2.6	3	5717	0.07
16	67	36	50	87	23	54	30	253	50	2.2	4	5721	0.07
17	69	36	50	88	22	54	30	254	49	2.0	4	5725	0.07
18	66	38	50	85	31	57	32	240	50	2.3	3	5728	0.07
19	65	37	49	89	32	62	32	228	49	2.1	3	5731	0.06
20	66	36	49	90	30	61	32	238	49	2.2	3	5734	0.06
21	63	37	49	85	32	58	32	217	49	2.5	3	5737	0.06
22	63	36	48	85	28	57	29	237	49	2.4	2	5739	0.06
23	63	35	48	86	27	56	28	241	48	2.3	2	5742	0.07
24	67	36	50	82	23	52	28	253	48	2.0	4	5746	0.07
25	65	35	49	88	24	56	29	240	48	2.3	3	5749	0.07
26	65	36	49	84	26	54	29	246	48	2.2	3	5752	0.07
27	65	36	50	86	25	55	30	240	49	2.0	3	5755	0.07
28	65	40	51	89	33	63	34	215	50	2.0	3	5758	0.06
29	66	40	51	92	40	66	37	212	50	1.9	3	5762	0.05
30	67	39	51	90	32	64	35	254	50	1.9	4	5765	0.07
31	68	38	51	90	29	62	34	248	50	1.9	4	5769	0.07
AVG	67	38	51	87	27	58	32	245	50	2.2	4		
SUM											120		2.20

PPT= 0.78

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 1988-2001	