

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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	20	4	11	92	29	60	1	10.6	10	0.9	2	2	1.8
2	20	4	11	87	29	59	1	9.1	10	1.1	2	4	1.6
3	19	4	11	91	31	60	1	9.3	10	1.1	2	6	1.5
4	18	4	11	88	39	65	1	9.4	10	1.0	2	8	1.5
5	18	5	11	84	37	60	2	8.9	10	1.2	2	10	1.5
6	17	4	10	88	38	62	1	8.9	10	1.2	1	11	1.5
7	18	3	10	86	31	60	0	10.8	10	1.0	2	13	1.8
8	19	2	10	89	27	58	-1	11.0	9	1.1	2	15	1.9
9	19	2	10	86	32	60	0	10.3	9	0.9	2	17	1.7
10	19	4	11	86	34	62	1	9.9	10	1.0	2	19	1.7
11	20	4	12	89	28	58	1	10.8	10	1.2	2	21	2.0
12	19	4	11	81	33	58	0	10.1	10	1.2	2	23	1.8
13	20	4	11	88	34	62	2	10.9	10	1.0	2	25	1.8
14	20	4	11	89	31	62	1	11.3	10	0.9	2	28	1.9
15	20	3	11	88	28	59	0	10.9	10	0.9	2	30	1.9
16	19	4	11	86	31	56	0	10.4	10	1.0	2	32	1.9
17	20	5	12	84	29	56	0	11.1	10	1.2	2	35	2.1
18	20	4	11	80	29	55	0	11.3	10	1.1	3	37	2.1
19	21	4	11	79	25	53	-1	12.3	10	1.1	3	40	2.3
20	20	5	12	83	27	53	1	11.3	10	1.1	2	42	2.2
21	20	5	12	80	26	53	0	11.6	10	1.2	3	45	2.3
22	20	4	11	85	25	56	0	10.9	10	0.9	2	47	1.9
23	21	4	11	87	23	55	0	12.2	10	0.9	3	50	2.2
24	22	5	12	85	22	51	0	12.5	10	1.0	3	53	2.4
25	21	5	12	82	24	50	0	10.8	10	1.3	3	55	2.2
26	20	5	12	85	28	55	1	11.5	11	1.2	2	58	2.2
27	19	4	11	87	29	60	1	11.2	11	1.0	2	60	2.0
28	19	3	11	87	26	57	0	12.9	10	1.0	2	62	2.3
29	20	3	11	86	23	52	-1	13.5	10	1.1	2	64	2.6
30	20	4	12	75	20	42	-2	13.1	11	1.2	3	67	2.7
31	<u>22</u>	<u>4</u>	<u>12</u>	<u>79</u>	<u>19</u>	<u>44</u>	<u>-1</u>	<u>12.4</u>	<u>11</u>	<u>1.1</u>	<u>3</u>	<u>69</u>	<u>2.6</u>
AVG	20	4	11	85	29	57	0	11.0	10	1.1	2		
SUM											69		61.8

PPT= 28.9

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	21	4	12	82	24	52	0	13.0	11	1.1	3	72	2.6
2	22	4	12	82	23	52	0	13.8	11	1.1	3	75	2.7
3	23	4	13	85	20	51	0	13.8	11	1.0	3	78	2.8
4	23	6	13	84	20	50	1	12.6	12	1.3	4	82	2.7
5	22	6	13	82	24	52	1	13.4	12	1.2	3	85	2.8
6	22	5	13	80	22	49	0	14.7	12	1.3	3	88	3.1
7	21	7	13	79	27	52	1	12.5	12	1.2	3	92	2.5
8	20	7	13	84	36	60	3	10.0	12	1.2	3	95	1.9
9	21	7	14	86	29	58	3	13.9	12	1.2	3	98	2.7
10	21	6	13	87	26	55	2	14.9	12	1.3	3	101	3.0
11	21	7	13	83	26	53	2	14.3	12	1.3	3	104	2.9
12	21	7	14	79	24	50	1	13.9	12	1.3	3	107	2.9
13	21	7	14	84	29	54	2	12.3	13	1.4	3	110	2.5
14	20	6	13	83	33	57	2	12.6	12	1.3	3	112	2.4
15	21	6	13	82	28	55	1	14.8	12	1.2	3	115	2.8
16	22	6	13	81	24	51	1	14.4	13	1.1	4	119	2.8
17	22	7	14	82	24	52	2	13.8	13	1.4	4	123	2.9
18	22	7	14	80	23	50	1	15.6	13	1.4	3	126	3.3
19	22	7	14	79	25	49	1	14.8	13	1.4	4	129	3.2
20	22	7	15	81	27	51	2	14.9	13	1.4	4	133	3.2
21	22	7	15	80	28	51	3	15.4	14	1.3	4	137	3.2
22	22	6	14	82	25	51	2	16.7	14	1.2	4	141	3.4
23	23	6	14	79	20	44	0	17.1	14	1.2	4	145	3.7
24	23	6	14	75	20	43	0	16.0	14	1.4	4	148	3.5
25	22	6	14	78	21	47	0	16.2	14	1.2	4	152	3.4
26	23	7	14	74	20	45	0	16.3	14	1.3	4	156	3.5
27	23	7	15	83	22	47	1	16.3	14	1.4	4	160	3.6
28	21	8	14	81	30	54	2	15.2	14	1.4	3	163	3.1
AVG	22	6	14	81	25	51	1	14.4	13	1.3	3		
SUM											93		82.8

PPT= 23.7

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	22	8	14	79	26	51	2	16.4	14	1.4	4	166	3.4
2	22	7	14	86	25	53	2	16.5	14	1.2	3	170	3.3
3	23	8	15	80	23	49	2	17.1	15	1.4	4	174	3.7
4	23	8	16	77	23	47	2	17.6	15	1.4	4	178	3.9
5	23	9	16	76	24	47	3	17.0	15	1.5	4	183	3.8
6	23	8	16	71	25	46	1	17.5	16	1.7	4	187	4.0
7	22	7	14	80	27	53	2	16.4	15	1.5	3	190	3.3
8	23	6	14	84	26	53	2	19.2	15	1.1	4	194	3.9
9	25	7	16	82	24	50	3	18.7	15	1.1	5	199	4.0
10	25	8	17	79	21	47	2	18.8	16	1.2	5	204	4.1
11	24	8	16	79	23	47	2	17.8	16	1.6	5	209	4.1
12	25	8	16	78	20	46	2	20.7	16	1.3	5	214	4.5
13	24	9	16	76	18	44	2	18.9	16	1.4	5	219	4.3
14	24	8	16	81	21	48	2	18.1	16	1.2	5	224	3.9
15	25	9	17	80	21	47	3	19.7	16	1.4	5	229	4.5
16	25	9	17	79	22	47	3	20.0	16	1.3	5	234	4.4
17	26	10	18	79	21	45	3	20.0	17	1.3	6	240	4.5
18	27	9	18	80	17	44	3	21.4	17	1.3	6	246	4.9
19	28	9	19	79	17	42	2	20.6	17	1.3	6	252	4.8
20	28	10	19	77	17	43	3	20.1	17	1.5	7	259	4.9
21	26	10	18	80	21	46	4	19.7	18	1.3	6	265	4.5
22	27	10	19	73	19	41	3	21.9	18	1.3	6	272	5.1
23	26	10	19	70	18	39	2	22.7	18	1.6	6	278	5.5
24	27	10	19	69	17	38	2	22.7	18	1.4	6	284	5.4
25	26	11	19	69	18	37	2	21.2	18	1.7	6	290	5.2
26	23	10	16	81	30	52	4	17.0	17	1.7	4	295	3.7
27	23	9	16	84	29	54	4	19.2	17	1.6	4	299	4.1
28	24	9	17	77	29	51	4	20.5	17	1.7	5	304	4.6
29	24	9	17	79	27	51	4	21.5	17	1.6	5	309	4.7
30	26	9	18	79	21	45	3	23.3	18	1.4	6	314	5.3
31	<u>26</u>	<u>10</u>	<u>18</u>	<u>76</u>	<u>21</u>	<u>43</u>	<u>3</u>	<u>23.0</u>	<u>18</u>	<u>1.5</u>	<u>6</u>	<u>320</u>	<u>5.3</u>
AVG	25	9	17	78	22	47	3	19.5	16	1.4	5		
SUM											157		135.4

PPT= 27.2

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	25	10	17	77	23	47	4	19.9	18	1.7	6	326	4.7
2	24	10	17	76	22	47	3	22.6	18	1.6	5	331	5.1
3	26	10	18	75	20	44	3	23.6	19	1.5	6	337	5.5
4	27	11	19	73	20	43	4	22.4	19	1.5	7	343	5.3
5	27	11	19	76	21	44	4	22.8	19	1.7	6	349	5.5
6	28	12	19	70	17	40	3	25.0	19	1.6	7	356	6.1
7	27	11	20	70	17	38	3	24.2	19	1.6	7	363	6.0
8	28	11	20	69	15	37	2	25.0	20	1.6	7	370	6.2
9	28	11	20	67	14	34	2	26.4	20	1.8	7	377	6.8
10	27	11	19	63	14	33	1	25.4	19	1.8	7	384	6.5
11	28	11	19	66	14	35	1	26.2	19	1.7	7	391	6.5
12	28	11	20	69	13	35	2	25.3	20	1.6	7	398	6.3
13	28	11	20	64	15	33	1	26.0	20	1.5	7	405	6.5
14	28	12	20	60	14	31	1	26.1	20	1.5	7	412	6.5
15	29	11	20	64	13	32	1	25.4	20	1.4	7	420	6.4
16	30	12	21	67	12	32	2	25.9	21	1.6	8	428	6.7
17	30	12	21	66	16	35	3	25.3	20	1.6	8	436	6.5
18	29	13	22	69	16	35	4	25.0	21	1.7	8	445	6.5
19	30	13	22	63	17	35	3	25.3	21	1.3	8	453	6.4
20	31	12	22	67	12	32	3	26.8	21	1.6	9	462	7.0
21	31	14	23	66	13	31	3	25.7	21	1.8	9	471	7.0
22	30	13	22	65	16	34	4	27.2	22	1.6	9	480	7.0
23	31	14	23	64	15	32	4	27.1	22	1.7	9	489	7.2
24	29	13	21	63	16	33	3	26.1	21	2.0	8	497	6.8
25	30	13	22	66	16	36	4	27.5	21	1.7	8	505	6.9
26	31	13	23	67	13	33	3	27.6	22	1.7	9	514	7.1
27	32	14	24	66	12	31	4	27.5	22	1.6	10	524	7.3
28	31	14	24	61	11	27	3	28.2	23	1.8	10	533	7.7
29	31	14	23	58	12	26	2	28.1	23	1.7	9	543	7.4
30	<u>32</u>	<u>14</u>	<u>24</u>	<u>59</u>	<u>12</u>	<u>28</u>	<u>3</u>	<u>27.6</u>	<u>23</u>	<u>1.6</u>	<u>10</u>	<u>553</u>	<u>7.3</u>
AVG	29	12	21	67	15	35	3	25.6	20	1.6			
SUM											233		194.7

PPT= 6.2

TX:	Maximum Air Temp., Deg. C	SR:	Solar Radiation, MJ/m ² /Dy
TN:	Minimum Air Temp., Deg. C	PPT:	Precipitation, mm
TM:	Mean Air Temp., Deg. C	WS:	Mean Wind Speed, MPH
RHX:	Maximum Relative Humidity, %	HU:	Heat Units (30C/12.8C)/Day
RHN:	Minimum Relative Humidity, %	CHU:	HU Accumulation Since 1 Jan.
RHM:	Mean Relative Humidity, %	ETo:	Ref. Evapotranspiration, mm
TD:	Mean Dew Point Temp., Deg. C	AVG:	Average for Month
ST10:	Mean Soil Temp., 10 cm, Deg. C	SUM:	Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	32	15	24	60	13	29	3	28.3	23	1.7	10	563	7.6
2	32	14	24	60	12	27	3	28.6	23	1.6	10	573	7.6
3	32	15	24	55	12	26	3	27.7	23	1.8	10	583	7.4
4	33	15	25	57	12	26	4	28.8	24	1.8	11	593	7.9
5	33	15	24	60	12	28	3	27.6	24	1.8	10	603	7.5
6	33	15	24	60	12	28	3	27.8	23	1.7	10	614	7.5
7	34	15	25	66	12	29	5	28.6	24	1.7	10	624	7.7
8	34	16	26	57	12	28	4	28.2	24	1.9	11	635	7.9
9	33	17	26	59	14	28	5	27.2	24	1.8	11	647	7.6
10	33	16	25	60	14	29	5	28.6	23	1.9	11	657	7.8
11	32	16	25	59	14	30	5	28.4	24	1.8	10	668	7.6
12	33	16	25	63	14	31	5	28.7	24	1.7	11	678	7.7
13	34	17	26	59	14	30	5	27.8	25	1.8	11	690	7.7
14	33	17	26	60	12	28	5	29.2	25	1.8	11	701	8.0
15	34	17	26	55	12	25	4	28.7	25	1.8	11	712	8.0
16	33	17	25	61	13	28	5	28.2	25	1.9	11	723	7.8
17	34	16	26	61	13	29	5	29.3	25	1.7	11	735	7.9
18	35	17	27	59	12	27	5	28.8	25	1.7	12	747	8.0
19	34	18	26	58	13	28	6	27.2	25	1.8	12	758	7.6
20	34	17	26	61	13	30	6	26.5	25	1.6	12	770	7.2
21	35	16	26	65	13	30	6	28.9	25	1.6	11	782	7.9
22	35	17	27	59	11	27	4	29.7	25	1.6	12	793	8.2
23	35	17	27	61	12	29	6	28.8	25	1.7	12	805	8.0
24	34	18	27	62	13	29	6	28.1	25	1.8	12	817	7.8
25	33	17	26	63	15	31	6	28.8	25	1.8	11	829	7.9
26	34	17	26	62	14	32	7	29.0	25	1.6	12	841	7.8
27	36	18	28	59	12	28	6	29.5	26	1.6	13	853	8.2
28	36	18	28	62	12	28	6	28.5	26	1.7	12	866	8.1
29	35	18	27	62	13	30	7	29.4	26	1.5	12	878	8.1
30	36	18	28	59	11	26	6	29.5	26	1.7	13	891	8.3
31	<u>36</u>	<u>18</u>	<u>28</u>	<u>58</u>	<u>11</u>	<u>25</u>	<u>6</u>	<u>30.8</u>	<u>26</u>	<u>1.7</u>	<u>13</u>	<u>903</u>	<u>8.7</u>
AVG	34	17	26	60	13	28	5	28.5	25	1.7	11		
SUM											338		234.4

PPT= 2.3

TX:	Maximum Air Temp., Deg. C	SR:	Solar Radiation, MJ/m*m/Dy
TN:	Minimum Air Temp., Deg. C	PPT:	Precipitation, mm
TM:	Mean Air Temp., Deg. C	WS:	Mean Wind Speed, MPH
RHX:	Maximum Relative Humidity, %	HU:	Heat Units (30C/12.8C)/Day
RHN:	Minimum Relative Humidity, %	CHU:	HU Accumulation Since 1 Jan.
RHM:	Mean Relative Humidity, %	ETo:	Ref. Evapotranspiration, mm
TD:	Mean Dew Point Temp., Deg. C	AVG:	Average for Month
ST10:	Mean Soil Temp., 10 cm, Deg. C	SUM:	Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	36	18	28	59	12	26	6	29.3	26	1.6	13	916	8.3
2	36	18	28	61	11	27	6	30.8	26	1.6	13	929	8.6
3	37	18	28	61	10	26	6	30.9	27	1.7	13	941	8.7
4	36	18	28	62	10	25	6	31.0	27	1.6	12	954	8.7
5	37	18	28	58	10	24	5	30.3	27	1.7	13	966	8.7
6	36	18	28	57	10	25	5	30.2	26	1.7	13	979	8.6
7	35	18	27	60	11	26	5	29.4	26	1.7	12	991	8.2
8	36	18	28	58	12	28	6	30.1	27	1.6	13	1003	8.3
9	37	19	28	61	12	28	7	29.3	27	1.5	13	1016	8.1
10	37	19	29	61	11	27	7	29.9	27	1.5	13	1029	8.4
11	38	19	30	61	10	25	7	29.9	27	1.5	14	1043	8.5
12	38	20	30	54	10	24	6	28.8	27	1.7	14	1057	8.5
13	38	19	30	56	10	24	6	30.4	27	1.9	14	1070	8.9
14	38	19	30	53	10	23	5	30.5	27	1.7	13	1084	8.9
15	38	19	30	56	10	24	6	30.7	27	1.8	13	1097	9.0
16	37	19	30	56	10	25	6	30.1	27	1.7	13	1110	8.7
17	38	20	30	62	10	27	7	29.3	27	1.6	13	1124	8.4
18	40	19	30	63	10	27	7	30.4	28	1.4	14	1137	8.7
19	40	21	31	58	10	26	8	29.4	28	1.5	14	1152	8.5
20	39	22	31	62	13	28	10	28.1	28	1.6	15	1167	8.2
21	40	21	31	60	11	26	9	29.1	28	1.5	15	1181	8.5
22	39	21	30	58	11	25	8	28.7	28	1.5	14	1195	8.2
23	39	21	31	59	10	26	8	30.7	29	1.6	14	1210	9.0
24	40	21	32	59	9	24	8	30.8	29	1.6	14	1224	9.0
25	40	21	32	58	9	24	8	29.5	29	1.6	14	1238	8.9
26	41	21	32	54	10	23	8	30.0	29	1.6	15	1253	9.0
27	40	22	32	54	10	24	8	29.4	29	1.6	15	1268	8.8
28	40	22	32	56	12	26	9	29.6	29	1.7	15	1283	8.8
29	41	23	33	58	13	27	10	29.5	30	1.8	15	1298	8.9
30	<u>40</u>	<u>24</u>	<u>33</u>	<u>55</u>	<u>12</u>	<u>26</u>	<u>10</u>	<u>29.6</u>	<u>30</u>	<u>1.9</u>	<u>16</u>	<u>1313</u>	<u>9.1</u>
AVG	38	20	30	58	11	25	7	29.9	28	1.6	14		
SUM											410		259.1

PPT= 0.6

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	41	23	33	59	12	27	10	29.9	30	1.6	15	1329	9.0
2	41	23	33	62	12	28	11	29.0	30	1.7	15	1344	8.7
3	40	23	33	62	13	29	11	29.7	30	1.7	15	1359	8.9
4	41	23	33	57	12	27	10	30.5	30	1.7	15	1374	9.0
5	40	24	33	60	15	32	12	27.9	30	1.7	15	1390	8.3
6	39	24	32	64	21	36	13	26.4	30	1.8	15	1405	7.8
7	39	24	32	75	20	42	15	27.0	30	1.7	15	1421	7.6
8	39	24	32	72	22	40	15	27.6	30	1.8	15	1436	7.9
9	39	25	32	66	19	37	14	26.9	30	1.8	16	1452	7.9
10	39	25	32	69	19	38	15	27.9	31	1.8	16	1468	8.0
11	39	25	32	66	23	39	15	26.9	30	1.8	16	1483	7.8
12	40	24	33	64	17	35	13	28.6	31	1.7	16	1499	8.3
13	40	25	33	63	16	34	13	27.1	31	1.6	16	1515	7.9
14	40	24	33	65	18	34	13	26.5	31	1.7	15	1530	7.9
15	39	24	32	67	21	38	14	26.7	31	1.6	15	1546	7.7
16	39	24	32	65	19	36	14	25.6	30	1.5	16	1561	7.4
17	40	24	33	68	16	36	14	27.7	31	1.6	16	1577	8.1
18	40	24	33	66	17	35	13	27.8	31	1.6	16	1593	8.2
19	40	24	33	66	16	34	13	28.1	31	1.7	16	1608	8.2
20	40	25	33	66	18	36	14	27.6	31	1.7	16	1624	8.1
21	39	24	33	68	21	36	15	27.0	31	1.9	16	1640	8.0
22	39	25	32	68	22	39	15	26.9	31	1.6	16	1655	7.7
23	39	25	33	64	20	36	14	27.2	31	1.6	16	1671	7.9
24	39	24	32	68	21	40	14	27.2	31	1.7	15	1687	7.8
25	40	24	33	68	19	38	14	28.2	31	1.6	16	1702	8.2
26	40	24	33	69	17	38	14	27.0	31	1.4	16	1718	7.7
27	41	25	33	68	15	35	14	28.0	31	1.7	16	1734	8.3
28	41	25	33	68	18	37	14	27.5	31	1.8	16	1750	8.1
29	39	25	33	68	22	39	16	25.1	31	1.7	16	1766	7.3
30	39	25	33	71	22	42	16	26.1	31	1.7	16	1781	7.5
31	<u>41</u>	<u>26</u>	<u>33</u>	<u>69</u>	<u>19</u>	<u>39</u>	<u>16</u>	<u>27.5</u>	<u>32</u>	<u>1.6</u>	<u>16</u>	<u>1797</u>	<u>8.0</u>
AVG	40	24	33	66	18	36	14	27.5	31	1.7	16		
SUM											468		241.1

PPT= 29.4

TX:	Maximum Air Temp., Deg. C	SR:	Solar Radiation, MJ/m ² /Dy
TN:	Minimum Air Temp., Deg. C	PPT:	Precipitation, mm
TM:	Mean Air Temp., Deg. C	WS:	Mean Wind Speed, MPH
RHX:	Maximum Relative Humidity, %	HU:	Heat Units (30C/12.8C)/Day
RHN:	Minimum Relative Humidity, %	CHU:	HU Accumulation Since 1 Jan.
RHM:	Mean Relative Humidity, %	ETo:	Ref. Evapotranspiration, mm
TD:	Mean Dew Point Temp., Deg. C	AVG:	Average for Month
ST10:	Mean Soil Temp., 10 cm, Deg. C	SUM:	Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	41	26	34	64	16	35	15	27.9	32	1.7	16	1814	8.3
2	40	26	34	68	19	38	16	26.4	32	1.6	16	1830	7.7
3	41	26	34	66	20	38	16	26.6	31	1.8	16	1846	8.0
4	41	25	33	71	19	40	16	27.8	32	1.7	16	1862	8.1
5	41	26	33	65	20	38	15	26.3	32	1.7	16	1878	7.8
6	40	25	33	68	20	38	16	27.0	31	1.7	16	1894	7.9
7	40	24	32	71	21	40	16	26.2	31	1.7	16	1910	7.6
8	39	25	32	71	21	43	15	24.2	31	1.6	16	1926	7.0
9	39	25	32	74	24	45	17	25.0	31	1.7	16	1942	7.1
10	39	26	33	73	25	44	18	24.6	31	1.6	16	1958	7.0
11	40	25	33	79	22	44	17	26.4	32	1.8	16	1974	7.7
12	39	25	32	72	22	44	16	26.3	31	1.6	16	1989	7.4
13	40	25	33	70	20	40	16	26.6	31	1.6	16	2005	7.8
14	39	26	32	71	26	46	17	21.9	31	1.8	16	2021	6.5
15	39	24	32	73	25	46	17	25.6	30	1.6	16	2037	7.2
16	40	25	32	73	23	44	17	25.7	31	1.6	16	2053	7.3
17	39	24	32	79	22	46	17	25.1	31	1.6	16	2068	7.1
18	39	25	32	77	22	46	17	25.3	31	1.6	16	2084	7.1
19	39	25	32	75	22	43	17	25.4	30	1.6	16	2100	7.3
20	40	25	32	73	19	42	16	25.9	30	1.5	16	2116	7.4
21	39	26	32	65	20	40	15	25.0	30	1.6	16	2132	7.3
22	40	24	32	73	20	42	15	24.6	30	1.6	16	2147	7.0
23	39	24	32	74	20	42	15	23.7	30	1.5	15	2162	6.8
24	39	24	31	74	22	43	16	25.0	30	1.8	15	2178	7.2
25	38	24	31	73	24	45	16	24.2	30	1.4	15	2193	6.7
26	38	24	31	73	26	46	16	22.7	30	1.3	16	2208	6.3
27	38	24	31	78	28	50	17	22.5	30	1.5	15	2224	6.2
28	39	24	31	81	25	49	17	24.2	30	1.4	15	2239	6.6
29	38	24	31	78	28	50	17	22.4	30	1.6	15	2254	6.2
30	38	24	31	75	29	49	18	24.2	30	1.5	16	2270	6.7
31	<u>38</u>	<u>24</u>	<u>31</u>	<u>79</u>	<u>28</u>	<u>51</u>	<u>18</u>	<u>21.8</u>	<u>30</u>	<u>1.5</u>	<u>15</u>	<u>2285</u>	<u>6.0</u>
AVG	39	25	32	73	22	43	16	25.2	31	1.6	16		
SUM											472		216.3

PPT= 31.9

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m ² /Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	38	24	31	72	27	47	16	21.8	30	1.5	15	2300	6.1
2	38	23	30	80	25	48	16	22.6	30	1.5	15	2315	6.3
3	38	23	30	77	26	50	16	22.6	30	1.5	15	2330	6.3
4	38	22	30	79	23	49	15	23.1	29	1.4	15	2345	6.4
5	37	22	30	80	26	49	16	22.4	29	1.5	15	2359	6.1
6	38	22	30	80	22	48	15	23.3	29	1.4	15	2374	6.4
7	39	22	30	80	19	46	15	24.7	29	1.2	15	2389	6.8
8	39	22	30	75	17	41	13	24.4	29	1.2	15	2404	6.8
9	39	22	30	72	18	40	13	22.6	29	1.5	15	2418	6.5
10	38	22	30	76	22	44	15	22.5	29	1.4	15	2433	6.3
11	38	22	30	79	24	48	15	21.1	28	1.5	14	2448	5.9
12	38	22	30	76	22	45	15	23.8	28	1.5	15	2462	6.6
13	38	21	29	77	23	45	14	21.9	28	1.4	14	2476	6.1
14	37	20	29	77	22	44	13	23.5	28	1.4	13	2490	6.4
15	37	20	28	76	24	47	14	21.9	28	1.4	14	2503	6.0
16	37	21	29	75	23	44	14	22.8	28	1.4	14	2518	6.3
17	37	21	29	75	22	45	14	21.8	28	1.4	14	2532	6.0
18	36	21	29	74	20	44	13	21.3	28	1.3	14	2546	5.8
19	36	21	28	76	21	43	13	21.5	28	1.5	14	2560	5.9
20	36	20	27	76	22	47	12	21.7	27	1.5	13	2573	5.9
21	35	20	27	77	27	49	13	20.7	27	1.4	13	2586	5.5
22	36	19	27	79	22	47	13	21.9	27	1.4	13	2599	5.8
23	36	20	28	75	23	45	12	21.7	27	1.4	13	2613	5.9
24	35	20	28	76	22	45	13	20.4	27	1.4	14	2626	5.5
25	36	19	27	78	21	46	13	20.0	27	1.3	13	2640	5.4
26	37	20	28	73	19	41	12	21.3	27	1.3	14	2653	5.9
27	37	19	27	74	17	41	10	21.4	26	1.2	13	2667	5.8
28	37	18	27	75	16	41	10	21.2	26	1.1	13	2679	5.7
29	37	18	27	68	16	37	9	20.9	26	1.3	13	2692	5.8
30	<u>36</u>	<u>18</u>	<u>27</u>	<u>74</u>	<u>19</u>	<u>39</u>	<u>10</u>	<u>19.5</u>	<u>25</u>	<u>1.3</u>	<u>13</u>	<u>2705</u>	<u>5.4</u>
AVG	37	21	29	76	22	45	13	22.0	28	1.4	14		
SUM											420		181.4

PPT= 22.0

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	35	18	26	72	18	41	9	20.0	25	1.3	12	2717	5.4
2	36	18	26	70	19	40	10	20.7	25	1.2	13	2730	5.6
3	35	18	26	76	20	43	11	19.0	25	1.3	13	2742	5.1
4	34	18	26	76	22	46	10	18.7	24	1.3	12	2754	4.9
5	34	17	25	76	21	43	10	19.8	24	1.4	12	2766	5.3
6	34	16	25	78	22	46	10	18.8	24	1.2	11	2777	4.8
7	33	16	24	77	20	45	9	18.8	24	1.2	11	2788	4.8
8	34	15	24	77	18	42	8	19.7	23	1.3	11	2799	5.1
9	34	15	24	70	19	41	7	19.5	23	1.2	11	2810	5.0
10	34	15	24	78	19	42	8	19.5	23	1.4	11	2821	5.1
11	33	14	23	74	17	41	7	18.2	23	1.2	10	2831	4.7
12	33	15	23	73	16	42	6	18.4	23	1.0	10	2841	4.6
13	33	14	23	77	15	42	7	18.3	23	1.2	10	2851	4.7
14	32	14	23	75	19	43	7	17.2	22	1.2	10	2861	4.4
15	32	14	22	77	20	44	8	17.6	22	1.2	10	2871	4.4
16	31	14	22	77	22	47	8	16.5	22	1.2	9	2880	4.1
17	31	14	22	77	17	45	6	18.5	22	1.1	9	2889	4.5
18	32	13	22	79	15	44	6	18.0	22	1.0	9	2898	4.4
19	31	14	22	76	19	45	7	16.7	22	1.3	10	2908	4.3
20	31	14	22	73	17	41	6	17.5	21	1.3	9	2917	4.5
21	30	14	21	80	22	47	7	15.5	21	1.4	9	2926	3.9
22	29	14	21	80	28	52	8	14.7	21	1.3	9	2935	3.5
23	30	12	20	84	25	53	8	16.0	21	1.1	8	2943	3.6
24	30	13	20	84	22	52	7	15.9	21	1.1	8	2952	3.7
25	29	12	20	83	22	50	6	15.4	20	1.1	8	2960	3.6
26	28	11	19	84	19	50	5	15.9	20	1.1	7	2967	3.6
27	27	11	18	86	25	54	6	13.9	19	1.2	7	2973	3.1
28	27	11	18	86	22	52	6	15.2	19	1.0	7	2980	3.3
29	28	11	18	81	20	49	5	15.7	19	1.1	7	2987	3.5
30	27	10	18	82	23	51	5	14.1	19	1.1	6	2994	3.1
<u>31</u>	<u>26</u>	<u>10</u>	<u>18</u>	<u>78</u>	<u>20</u>	<u>49</u>	<u>4</u>	<u>15.2</u>	<u>19</u>	<u>1.1</u>	<u>6</u>	<u>3000</u>	<u>3.4</u>
AVG	31	14	22	78	20	46	7	17.4	22	1.2	10		
SUM											295		134.1

PPT= 18.7

TX:	Maximum Air Temp., Deg. C	SR:	Solar Radiation, MJ/m*m/Dy
TN:	Minimum Air Temp., Deg. C	PPT:	Precipitation, mm
TM:	Mean Air Temp., Deg. C	WS:	Mean Wind Speed, MPH
RHX:	Maximum Relative Humidity, %	HU:	Heat Units (30C/12.8C)/Day
RHN:	Minimum Relative Humidity, %	CHU:	HU Accumulation Since 1 Jan.
RHM:	Mean Relative Humidity, %	ETo:	Ref. Evapotranspiration, mm
TD:	Mean Dew Point Temp., Deg. C	AVG:	Average for Month
ST10:	Mean Soil Temp., 10 cm, Deg. C	SUM:	Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	27	9	17	85	20	50	4	15.1	18	0.9	6	3006	3.2
2	26	9	17	83	23	52	5	14.1	18	1.0	6	3012	3.0
3	26	9	17	81	19	48	3	14.5	17	1.1	6	3018	3.3
4	26	9	17	84	21	51	4	14.2	17	1.0	6	3023	3.0
5	26	8	16	86	21	52	4	14.2	17	1.0	6	3029	2.9
6	26	9	17	83	22	51	4	13.8	17	1.0	6	3035	3.0
7	26	9	16	82	20	51	3	13.8	17	1.0	6	3041	2.9
8	26	9	17	81	21	49	4	14.3	17	1.1	6	3047	3.1
9	26	9	17	84	22	51	4	13.7	17	1.2	6	3052	3.0
10	26	9	17	84	21	51	4	12.2	17	1.1	6	3058	2.6
11	25	9	16	88	27	56	5	12.3	16	1.1	5	3063	2.5
12	25	8	16	88	27	57	5	12.5	16	1.0	5	3068	2.6
13	26	8	16	88	25	57	4	13.4	16	1.0	5	3074	2.7
14	25	8	16	87	26	57	4	12.4	16	1.2	5	3079	2.6
15	25	8	15	85	23	54	3	13.0	15	1.1	5	3083	2.7
16	24	7	14	87	21	55	2	12.9	15	0.9	5	3088	2.5
17	24	7	14	87	21	52	2	12.8	15	1.0	4	3092	2.6
18	24	6	14	87	22	53	2	12.9	15	1.1	4	3097	2.6
19	24	6	14	87	19	52	1	12.9	14	1.0	4	3101	2.6
20	24	6	14	87	18	51	1	12.6	14	1.1	4	3105	2.6
21	23	6	14	87	21	55	2	12.2	14	0.9	4	3109	2.4
22	24	7	14	88	20	53	2	11.5	14	1.0	4	3113	2.3
23	24	6	14	81	19	49	0	12.8	14	1.1	4	3117	2.7
24	23	5	13	85	19	51	0	11.8	14	0.9	4	3121	2.3
25	22	5	13	85	25	54	1	10.8	14	0.9	4	3125	2.1
26	22	6	13	84	24	52	1	11.2	13	1.2	3	3128	2.2
27	21	4	12	85	18	49	-1	12.3	12	1.1	3	3131	2.4
28	21	4	11	79	18	47	-2	11.5	12	1.2	2	3133	2.3
29	21	4	12	79	20	47	-2	11.3	11	1.2	3	3136	2.4
30	<u>21</u>	<u>4</u>	<u>12</u>	<u>82</u>	<u>23</u>	<u>52</u>	<u>-1</u>	<u>10.9</u>	<u>11</u>	<u>1.0</u>	<u>3</u>	<u>3139</u>	<u>2.0</u>
AVG	24	7	15	85	22	52	2	12.8	15	1.0	5		
SUM											139		79.0

PPT= 14.5

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
RHM: Mean Relative Humidity, %	ETo: Ref. Evapotranspiration, mm
TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 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>ST10</u>	<u>WS</u>	<u>HU</u>	<u>CHU</u>	<u>ETo</u>
1	22	4	12	90	24	57	0	11.4	11	0.9	3	3142	2.1
2	21	4	11	90	24	56	0	11.1	11	1.0	3	3144	2.0
3	21	4	12	89	22	54	0	11.6	11	1.0	3	3147	2.2
4	21	4	11	90	26	58	0	9.9	11	1.0	3	3150	1.8
5	21	5	12	87	28	58	1	10.2	11	0.9	3	3152	1.9
6	21	4	11	89	26	60	1	9.8	11	0.9	3	3155	1.7
7	21	5	12	89	30	61	2	10.8	11	1.0	3	3158	1.9
8	21	5	12	85	27	56	1	10.3	11	1.2	3	3161	2.0
9	21	4	12	83	24	53	0	11.2	11	1.1	3	3163	2.1
10	20	5	12	84	28	55	1	10.4	11	1.1	2	3166	2.0
11	19	4	11	87	30	59	1	9.9	11	1.1	2	3168	1.8
12	19	4	11	87	30	57	0	9.9	11	1.2	2	3170	1.7
13	20	3	10	91	26	59	0	11.3	10	0.9	2	3172	1.9
14	20	3	10	88	24	56	-1	10.9	10	1.0	2	3174	2.0
15	19	3	10	83	25	54	-1	10.1	10	1.2	2	3176	1.8
16	19	2	10	87	23	54	-1	10.6	10	1.0	2	3178	1.9
17	20	2	10	88	22	54	-1	10.6	10	0.9	2	3181	1.9
18	19	4	10	85	31	57	0	10.1	10	1.0	2	3182	1.7
19	18	3	10	89	32	62	0	9.6	10	1.0	2	3184	1.5
20	19	2	10	90	30	61	0	9.9	10	1.0	2	3186	1.6
21	17	3	9	85	32	58	0	9.1	9	1.1	1	3187	1.5
22	17	2	9	85	28	57	-1	9.9	9	1.1	1	3189	1.6
23	17	2	9	86	27	56	-2	10.1	9	1.0	1	3190	1.7
24	20	2	10	82	23	52	-2	10.6	9	0.9	2	3192	1.9
25	19	2	9	88	24	56	-2	10.0	9	1.0	2	3194	1.8
26	19	2	9	84	26	54	-2	10.3	9	1.0	2	3195	1.8
27	19	2	10	86	25	55	-1	10.1	9	0.9	2	3197	1.7
28	18	4	11	89	33	63	1	9.0	10	0.9	2	3199	1.5
29	19	4	11	92	40	66	3	8.9	10	0.8	2	3201	1.3
30	19	4	11	90	32	64	2	10.6	10	0.9	2	3203	1.7
<u>31</u>	<u>20</u>	<u>4</u>	<u>11</u>	<u>90</u>	<u>29</u>	<u>62</u>	<u>1</u>	<u>10.4</u>	<u>10</u>	<u>0.8</u>	<u>2</u>	<u>3205</u>	<u>1.7</u>
AVG	19	3	11	87	27	58	0	10.3	10	1.0			
SUM											66		55.8

PPT= 19.8

TX: Maximum Air Temp., Deg. C	SR: Solar Radiation, MJ/m*m/Dy
TN: Minimum Air Temp., Deg. C	PPT: Precipitation, mm
TM: Mean Air Temp., Deg. C	WS: Mean Wind Speed, MPH
RHX: Maximum Relative Humidity, %	HU: Heat Units (30C/12.8C)/Day
RHN: Minimum Relative Humidity, %	CHU: HU Accumulation Since 1 Jan.
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TD: Mean Dew Point Temp., Deg. C	AVG: Average for Month
ST10: Mean Soil Temp., 10 cm, Deg. C	SUM: Total for Month

For Years 1988-2001