







Section 1:  
**Temperature**

**Divisional Normals, 1971-2000 (and previous periods)**  
 CLIMATOGRAPHY OF THE UNITED STATES NO. 85  
 Temperature (°F), Precipitation (inches), and Degree Days

**Alabama – Arizona**

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0107 AL-07 Coastal Plain 	31-00 AVERAGE	48.4	51.3	57.6	64.9	72.3	78.5	80.5	80.0	75.7	65.7	56.0	49.9	65.1
	STD DEV	5.2	4.3	3.5	2.4	2.2	1.8	1.3	1.4	2.0	2.7	3.1	3.9	1.1
	31-60 AVERAGE	50.5	52.7	57.7	65.4	73.1	79.4	80.8	80.6	76.2	66.8	55.9	50.6	65.8
	STD DEV	5.3	4.7	4.1	2.0	2.1	1.6	1.2	1.3	2.0	2.7	2.8	3.8	0.9
	41-70 AVERAGE	48.7	51.5	57.1	65.9	72.9	78.8	80.4	80.2	75.7	66.0	55.6	49.6	65.2
	STD DEV	5.0	5.2	3.9	2.5	2.0	1.9	1.3	1.5	2.0	2.8	2.7	3.5	1.1
	51-80 AVERAGE	47.4	50.2	57.2	65.4	72.2	78.1	80.3	79.9	75.8	65.0	55.3	49.3	64.7
	STD DEV	5.1	4.9	3.4	2.4	2.3	1.9	1.4	1.6	2.2	2.5	2.9	3.5	1.0
	61-90 AVERAGE	46.2	49.7	57.5	64.8	71.6	77.8	80.0	79.5	75.3	64.9	56.3	49.3	64.4
	STD DEV	4.8	4.0	3.1	2.6	2.0	1.6	1.4	1.2	2.2	2.8	3.4	4.1	0.9
71-00 AVERAGE	47.4	50.8	58.0	63.9	71.6	77.8	80.3	79.7	75.3	65.0	56.4	49.6	64.7	
STD DEV	4.8	3.2	3.0	2.3	2.1	1.7	1.4	1.4	1.9	2.7	3.4	4.0	1.0	
0108 AL-08 Gulf 	31-00 AVERAGE	51.2	53.9	59.5	66.7	73.9	79.6	81.3	81.2	77.4	68.5	58.9	52.9	67.1
	STD DEV	4.9	3.9	3.2	2.3	1.8	1.4	1.2	1.2	1.7	2.5	3.0	3.7	0.9
	31-60 AVERAGE	52.6	54.6	59.2	66.6	74.1	79.9	81.1	81.3	77.4	68.9	58.3	53.2	67.3
	STD DEV	5.2	4.5	3.7	1.9	1.9	1.4	1.2	1.2	1.8	2.6	2.7	3.7	0.9
	41-70 AVERAGE	51.2	53.9	59.0	67.5	74.4	79.9	81.2	81.2	77.3	68.7	58.5	52.8	67.1
	STD DEV	4.6	4.7	3.5	2.5	1.7	1.6	1.2	1.3	1.7	2.7	2.4	3.3	0.8
	51-80 AVERAGE	50.5	53.2	59.4	67.4	74.2	79.7	81.5	81.2	77.8	68.3	58.7	52.8	67.1
	STD DEV	5.0	4.5	3.0	2.3	1.8	1.5	1.1	1.2	1.8	2.6	2.9	3.4	0.8
	61-90 AVERAGE	49.6	52.8	59.7	67.1	73.8	79.5	81.4	81.0	77.4	68.1	59.7	52.8	66.9
	STD DEV	4.8	3.7	2.8	2.5	1.5	1.4	1.1	0.9	1.8	2.7	3.3	4.0	0.8
71-00 AVERAGE	50.6	53.8	60.1	66.1	73.6	79.4	81.5	81.2	77.4	68.0	59.5	52.9	67.0	
STD DEV	4.8	3.1	2.7	2.2	1.6	1.4	1.2	1.2	1.7	2.5	3.5	3.9	0.9	
0201 AZ-01 Northwest 	31-00 AVERAGE	43.3	47.3	52.4	59.9	68.5	77.9	84.3	82.4	75.8	64.4	51.7	44.4	62.7
	STD DEV	4.2	4.4	4.2	4.4	4.1	4.1	3.3	3.7	3.4	3.7	3.7	3.5	2.8
	31-60 AVERAGE	41.4	44.7	50.3	58.4	66.2	75.4	81.9	79.5	74.1	62.9	50.3	43.6	60.7
	STD DEV	4.3	4.1	3.4	3.8	3.4	3.5	2.6	2.3	2.9	3.7	4.0	3.7	2.1
	41-70 AVERAGE	42.3	46.0	50.4	58.4	67.3	75.9	82.9	80.8	74.7	63.6	51.2	43.7	61.4
	STD DEV	3.3	4.2	3.1	4.0	2.9	3.5	2.4	2.9	2.8	3.7	4.0	3.2	2.1
	51-80 AVERAGE	43.0	47.2	51.4	58.7	67.8	77.7	84.3	82.1	75.5	64.5	51.8	44.3	62.4
	STD DEV	3.1	3.5	3.2	3.2	2.9	2.7	1.6	1.9	2.3	2.9	2.6	3.4	1.1
	61-90 AVERAGE	43.7	48.4	52.8	60.0	69.2	79.1	85.2	83.3	76.0	64.7	52.5	44.4	63.3
	STD DEV	3.4	3.1	3.7	4.5	3.2	3.3	2.0	2.1	2.7	3.5	2.7	3.3	1.9
71-00 AVERAGE	45.3	49.9	55.0	61.9	71.0	80.9	86.7	85.1	77.8	65.9	52.9	45.5	64.8	
STD DEV	3.7	3.2	4.1	4.3	3.9	2.8	2.6	3.1	2.9	3.4	3.3	3.3	2.3	
0202 AZ-02 Northeast 	31-00 AVERAGE	31.5	36.0	41.3	48.7	57.2	66.4	72.2	70.1	63.6	52.7	40.5	33.0	51.1
	STD DEV	3.8	3.6	2.9	2.9	2.6	2.3	1.3	1.4	1.7	2.3	2.7	3.4	1.0
	31-60 AVERAGE	31.1	35.3	41.0	49.1	57.2	66.3	72.2	70.1	64.1	53.0	40.1	33.4	51.1
	STD DEV	4.4	4.2	2.7	2.7	2.7	2.3	1.2	1.3	1.5	2.0	2.9	3.7	1.1
	41-70 AVERAGE	31.3	35.7	40.4	48.7	57.3	66.0	72.4	70.1	63.9	53.1	40.7	32.9	51.0
	STD DEV	3.4	3.9	2.9	2.9	2.3	2.3	1.4	1.5	1.8	2.4	3.0	3.3	0.9
	51-80 AVERAGE	31.3	35.6	40.6	48.0	56.7	66.5	72.5	70.0	63.5	52.9	40.4	32.5	50.9
	STD DEV	3.3	3.5	3.1	2.5	2.6	2.2	1.3	1.5	1.6	2.4	2.7	3.4	0.9
	61-90 AVERAGE	31.2	36.0	41.1	48.4	57.0	66.6	72.2	69.9	63.0	52.5	41.0	32.5	51.0
	STD DEV	3.2	2.8	3.3	3.0	2.4	2.2	1.3	1.4	1.9	2.8	2.2	3.4	0.9
71-00 AVERAGE	32.4	36.7	42.1	48.6	57.1	66.7	71.8	69.9	63.3	52.3	40.6	33.0	51.2	
STD DEV	3.1	2.7	3.0	3.1	2.6	2.3	1.3	1.3	1.8	2.4	2.5	3.1	1.0	
0203 AZ-03 North Central 	31-00 AVERAGE	40.8	44.2	48.3	55.2	63.4	72.4	78.4	76.4	70.8	60.3	48.8	41.9	58.4
	STD DEV	3.6	3.7	3.3	3.3	2.9	2.7	1.5	1.7	2.0	2.7	2.9	3.1	1.2
	31-60 AVERAGE	39.5	42.7	47.7	55.1	63.0	71.8	78.0	75.8	71.0	60.1	48.4	41.9	57.9
	STD DEV	4.2	4.0	3.2	2.9	2.9	2.5	1.5	1.4	1.8	2.6	3.2	3.3	1.0
	41-70 AVERAGE	40.2	43.6	47.0	54.5	62.9	71.4	78.0	75.7	70.6	60.1	48.6	41.5	57.8
	STD DEV	3.3	3.8	2.9	3.2	2.4	2.5	1.5	1.7	2.0	2.8	3.0	2.9	0.9
	51-80 AVERAGE	40.6	44.0	47.3	53.9	62.5	72.2	78.4	75.8	70.5	60.3	48.5	41.5	58.0
	STD DEV	2.7	3.4	3.3	2.9	2.6	2.6	1.5	1.7	1.8	2.6	2.4	3.1	0.8
	61-90 AVERAGE	41.1	44.6	48.1	54.7	63.1	72.7	78.5	76.3	70.1	60.1	48.9	41.4	58.3
	STD DEV	2.7	2.7	3.3	3.6	2.4	2.6	1.3	1.5	2.1	2.9	2.1	3.0	1.0
71-00 AVERAGE	42.2	45.5	49.4	55.7	63.9	73.4	78.8	77.0	70.9	60.4	49.1	42.2	59.0	
STD DEV	2.7	2.8	3.3	3.6	3.1	2.5	1.5	1.7	2.2	2.7	2.8	2.9	1.3	
0204 AZ-04 East Central 	31-00 AVERAGE	42.9	46.5	51.1	58.3	66.5	75.6	81.2	79.2	73.8	62.9	50.7	43.8	61.0
	STD DEV	2.8	3.3	3.3	3.5	2.8	3.0	1.6	1.9	2.4	2.7	2.8	2.6	1.5
	31-60 AVERAGE	42.6	46.0	51.3	59.0	67.1	76.3	81.7	79.5	74.8	63.6	50.8	44.5	61.4
	STD DEV	3.1	3.7	2.9	2.9	2.8	2.2	1.4	1.5	1.7	2.6	3.0	2.5	0.9
	41-70 AVERAGE	42.3	45.9	49.7	57.6	66.0	74.8	81.0	78.6	73.6	62.8	50.7	43.4	60.5
	STD DEV	2.6	3.6	2.8	3.4	2.4	2.7	1.4	1.8	2.4	2.9	2.9	2.4	1.3
	51-80 AVERAGE	42.1	45.5	49.4	56.4	65.0	74.7	80.5	77.8	72.7	62.2	49.9	42.7	59.9
	STD DEV	2.5	3.3	3.3	2.9	2.3	2.7	1.6	1.7	2.5	2.8	2.4	2.6	1.3
	61-90 AVERAGE	42.4	46.1	50.1	57.2	65.5	75.1	80.6	78.2	72.4	62.0	50.3	42.7	60.2
	STD DEV	2.4	2.7	3.5	3.8	2.5	3.0	1.6	1.9	2.4	2.8	2.2	2.5	1.6
71-00 AVERAGE	43.7	47.4	51.9	58.5	66.6	75.8	81.0	79.3	73.6	62.8	50.7	43.7	61.3	
STD DEV	2.3	2.7	3.4	3.8	2.8	3.4	1.8	2.1	2.5	2.8	2.7	2.6	1.7	