

# **CLIMATOGRAPHY OF THE UNITED STATES NO. 84, 1971-2000**

Daily Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

Station Name: PHOENIX SKY HRBR INTL AP PHX ARIZONA Station Number: 026481

Latitude: 33 B 26\* 03 ( Longitude: -112 B 00\* 29 ( Elevation (feet): 1107

Climate Division: AZ 06 South Central

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		P	051405	_						Central							BBUAS		aye	1 of 3
Date	MAX	MIN	CEMBE AVG		CDD	PRCP	Date	MAX	J. MIN	ANUAR' AVG	<b>Y</b> HDD	CDD	PRCP	Date	MAX	FE MIN	BRUAR AVG		CDD	PRCF
1	68	45	57	8	0	0.02	1	64	42	53	12	0	0.03	1	67	45	56	8	0	0.02
2	67	45	56	8	0	0.03	2	64	42	53	11	0	0.03	2	67	45	56	8	0	0.02
3	67	45	56	8	0	0.03	3	64	42	53	11	0	0.03	3	68	45	56	8	0	0.02
4	67	45	56	9	0	0.03	4	64	43	53	11	0	0.03	4	68	46	57	8	0	0.02
5	67	45	56	9	0	0.03	5	64	43	53	11	0	0.03	5	68	46	57	8	0	0.02
6 7	66	45	56	9	0	0.03	6	64	43	53	11	0	0.03	6 7	68	46	57	8	0	0.02
8	66 66	4 4 4 4	55 55	9	0	0.03	7 8	64 64	43 43	53 53	11 11	0	0.03	8	68 68	46 46	57 57	8 7	0	0.02
9	66	44	55	10	0	0.03	9	64	43	53	11	0	0.03	9	69	46	57	7	0	0.03
10	66	44	55	10	0	0.03	10	64	43	54	11	0	0.03	10	69	46	58	7	0	0.03
11	65	44	55	10	0	0.03	11	64	43	54	11	0	0.03	11	69	47	58	7	0	0.03
12	65	44	55	10	0	0.03		64	43	54	11	0	0.03		69	47	58	7	0	0.03
13	65	44	54	10	0	0.03		64	43	54	11	0	0.03		69	47	58	7	0	0.03
14	65 65	43 43	54 54	10 11	0	0.03		65 65	43 43	54 54	11	0	0.03		69 70	47	58 58	7	0	0.03
15 16	64	43	54	11	0	0.03		65	43	54	11 11	0	0.03		70 70	47 47	58 59	6 6	0	0.03
17	64	43	54	11	0	0.03		65	43	54	11	0	0.03		70	47	59	6	1	0.03
18	64	43	54	11	0	0.03		65	43	54	10	0	0.03	l .	70	47	59	6	1	0.03
19	64	43	54	11	0	0.03	19	65	43	54	10	0	0.03	19	70	48	59	6	1	0.03
20	64	43	54	11	0	0.03	20	65	44	54	10	0	0.03		70	48	59	6	1	0.03
21	64	43	54	11	0	0.03		65	44	55	10	0	0.03		70	48	59	6	1	0.03
22	64	43	53	11	0	0.03	22	66	44	55	10	0	0.02		71	48	59	6	1	0.03
23 24	64 64	43 43	53 53	11 11	0	0.03		66 66	4 4 4 4	55 55	10 10	0	0.02		71 71	48 48	59 60	6 6	1 1	0.03
24 25	64	43	53	11	0	0.03		66	44	55 55	10	0	0.02		71	48	60	6	1	0.03
26	64	43	53	11	0	0.03		66	44	55	9	0	0.02		71	49	60	6	1	0.03
27	64	43	53	11	0	0.03		66	44	55	9	0	0.02	27	71	49	60	5	1	0.03
28	64	43	53	11	0	0.03	28	67	44	56	9	0	0.02	28	71	49	60	5	1	0.03
29	64	42	53	12	0	0.03		67	45	56	9	0	0.02							
30	64	42	53	12	0	0.03		67	45	56	9	*	0.02							
31	64 65.0	42 43.5	53 54.3	11 318	0	0.03		67 65.0	45 43.4	56 54.2	9 322	* 2	0.02	MILL	69.4	47.0	58.2	187	12	0.77
MII.	05.0	43.3	34.3			ASON:	MIH.	66.5	44.6	55.6	827	14	2.52	MII.	09.4	47.0	30.2	107	12	0.77
		N	IARCH							APRIL							MAY			
Date	MAX	MIN		HDD	CDD	PRCP	Date	MAX	MIN	AVG	HDD	CDD	PRCP	Date	MAX	MIN		HDD	CDD	PRCF
1	71	49	60	5	1	0.03	1	79	54	66	2	4	0.02	1	87	62	74	*	10	0.00
2	72	49	60	5	1	0.03	2	79	54	67	2	4	0.02	2	88	62	75	*	10	0.00
3	72	49	60	5	1	0.04	3	79	54	67	2	4	0.02	3	88	62	75	*	11	0.00
4	72	49	61	5	1	0.04	4	80	55	67	2	4	0.02	4	88	63	75	*	11	0.00
5	72 72	49 49	61 61	5 5	1	0.04	5 6	80	55 55	67 68	2	5 5	0.02	5 6	88 89	63 63	76 76	0	11 12	0.01
7	72	50	61	5	1	0.04	7	81	55	68	2	5	0.02	7	89	64	76	0	12	0.01
8	72	50	61	5	2	0.04	8	81	56	68	2	5	0.01	8	89	64	77	0	12	0.01
9	73	50	61	5	2	0.04	9	81	56	68	1	5	0.01	9	89	64	77	0	12	0.01
10	73	50	61	5	2			81	56	69	1	5			90	64	77	0		0.01
11	73	50	62	5	2	0.04		82	56	69	1	6	0.01		90	65	77	0	13	0.01
12	73	50	62	4	2	0.04		82	56	69	1	6	0.01		90	65	78	0	13	0.01
13 14	73 74	51 51	62 62	4 4	2 2	0.04		82 83	57 57	69 70	1 1	6 6	0.01		91 91	65 66	78 78	0	14 14	0.01
15	74	51	62	4	2	0.04		83	57	70	1	6	0.01		91	66	76 79	0	14	0.01
16	74	51	63	4	2	0.04		83	58	70	1	7	0.01		92	66	79	0	15	0.01
17	74	51	63	4	2	0.04	17	84	58	71	1	7	0.01	17	92	67	79	0	15	0.01
18	74	51	63	4	2	0.04	18	84	58	71	1	7	0.01	18	92	67	80	0	15	0.01
19	75	51	63	4	2	0.04		84	58	71	1	7	0.01		93	67	80	0	16	0.01
20	75	52	63	4	3	0.03		84	59	71	1	7	0.00		93	67	80	0	16	0.01
21 22	75 75	52 52	64 64	4	3	0.03		85 85	59 59	72 72	1	8 8	0.00		93 94	68 68	81	0	16 17	0.00
22 23	75 76	52 52	64 64	4	3	0.03		85 85	59 59	72	0	8	0.00		94	68	81 81	0	17 17	0.00
	76	52	64	3	3	0.03		85	60	73	0	8	0.00		95	69	82	0	17	0.00
24	76	53	64	3	3	0.03		86	60	73	0	9	0.00		95	69	82	0	18	0.00
		53	65	3	3	0.03		86	60	73	0	9	0.00		95	69	82	0	18	0.00
25	77			_	3	0.03		86	61	73	0	9	0.00		96	70	83	0	18	0.00
25 26 27	77	53	65	3					0 1					1						0.00
25 26 27 28	77 77	53	65	3	3	0.03		86	61	74	0	9	0.00		96	70	83	0	19	
25 26 27 28 29	77 77 78	53 53	65 65	3	3 4	0.03	29	86 87	61 61	74 74	0	10	0.00	29	97	70	83	0	19	0.00
24 25 26 27 28 29 30	77 77 78 78	53 53 54	65 65 66	3 3 3	3 4 4	0.03 0.02 0.02	29	86	61	74	0			29 30	97 97	70 71	83 84	0 0	19 19	0.00
25 26 27 28 29 30 31	77 77 78	53 53	65 65	3	3 4	0.03 0.02 0.02 0.02	29 30	86 87	61 61	74 74	0	10	0.00	29 30 31	97	70	83	0	19	0.00 0.00 0.00 0.16



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Climate Division: AZ 06 South Central Page 2 of 3

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Date	MAX	MIN	JUNE AVG	HDD	CDD	PRCP	Date	MAX	MIN	JULY AVG	HDD	CDD	PRCP	Date	MAX	MIN	AUGUST AVG	HDD	CDD	PRCP
1	98	71	84	0	20	0.00	1	104	79	92	0	27	0.02	1	104	82	93	0	28	0.04
2	98	71	85	0	20	0.00	2	104	80	92	0	27	0.02	2	104	82	93	0	28	0.03
3	99	72	85	0	21	0.00	3	104	80	92	0	28	0.02	3	104	82	93	0	28	0.03
4	99	72	86	0	21	0.00	4	104	80	92	0	28	0.02	4	103	82	93	0	28	0.03
5	99	72	86	0	21	0.00	5	105	80	92	0	28	0.02	5	103	82	92	0	28	0.03
6	100	73	86	0	22	0.00	6	105	80	92	0	28	0.02	6	103	82	92	0	28	0.03
7	100	73	86	0	22	0.00	7	105	81	93	0	28	0.03	7	103	81	92	0	28	0.03
8	101	73	87	0	22	0.00	8	105	81	93	0	28	0.03	8	103	81	92	0	28	0.03
9	101	73	87	0	23	0.00	9	105	81	93	0	28	0.03	9	103	81	92	0	28	0.03
10	101	74	87	0	23		10	105	81	93	0	28	0.03		103	81	92	0	28	0.03
11	101	74	88	0	23	0.00		104	81	93	0	28	0.03		103	81	92	0	28	0.03
12	102	74	88	0	24	0.00	12	104	81	93	0	28	0.03		103	81	92	0	27	0.03
13	102	75	88	0	24	0.00		104	82	93	0	28	0.03		103	81	92	0	27	0.03
14	102 102	75	89 89	0	24		14	104	82 82	93 93	0	28	0.03		103	81	92 92	0	27	0.03
		75	89	0	24	0.00		104				28	0.03		103	81			27	
16 17	103 103	75 76	89 89	0	25 25	0.00	16 17	104 104	82 82	93 93	0	29 29	0.03		102 102	81 80	91 91	0	27 27	0.03
18	103	76	89	0	25		18	104	82	93	0	29	0.03		102	80	91	0	27	0.03
19	103	76	90	0	25	0.00	l	104	82	93	0	29	0.03		102	80	91	0	27	0.03
20	103	76	90	0	25	0.00	20	104	82	93	0	29		20	102	80	91	0	27	0.03
21	103	77	90	0	26		21	104	82	93	0	29	0.04		102	80	91	0	26	0.03
22	104	77	90	0	26	0.00	22	104	82	93	0	29	0.04	22	102	80	91	0	26	0.03
23	104	77	91	0	26	0.00	23	104	82	93	0	29		23	102	80	91	0	26	0.03
24	104	78	91	0	26	0.01	24	104	82	93	0	29	0.04	24	102	79	91	0	26	0.03
25	104	78	91	0	26	0.01	25	104	82	93	0	29		25	102	79	90	0	26	0.03
26	104	78	91	0	27	0.01	26	104	82	93	0	29		26	101	79	90	0	26	0.03
27	104	78	91	0	27	0.01		104	82	93	0	29	0.04		101	79	90	0	26	0.03
28	104	79	91	0	27	0.01	28	104	82	93	0	28	0.04		101	79	90	0	26	0.03
29	104	79	92	0	27	0.01	29	104	82	93	0	28	0.04		101	79	90	0	25	0.03
30	104	79	92	0	27	0.02	30	104	82	93	0	28	0.04	30	101	78	90	0	25	0.03
							31	104	82	93	0	28	0.03	31	101	78	90	0	25	0.03
MTH:	102.0	75.2	88.6	0	724	0.09	MTH:	104.2	81.4	92.8	0	878	0.99	MTH:	102.4	80.4	91.4	0	834	0.94
				SUMM	IER SE	ASON:		102.9	79.0	90.9	0	2436	2.02							
	SUMMER SEASON																			
		SE.	DTEMBI	ED					_	CTORE	D D					NC	WEMBE	P		
Date	MAX		PTEMBI AVG		CDD	PRCP	Date	MAX		CTOBE		CDD	PRCP	Date	MAX		OVEMBE AVG		CDD	PRCP
Date	MAX 101	MIN	AVG	HDD	CDD			MAX 93	MIN	AVG	HDD	CDD	PRCP		MAX	MIN	AVG	HDD		PRCP
1	101	<b>MIN</b> 78	AVG 89	HDD 0	25	0.03	1	93	<b>MIN</b> 69	AVG 81	HDD 0	16	0.02	1	79	MIN 56	AVG 67	HDD 2	<b>CDD</b> 5 4	0.03
1 2	101 100	78 78	89 89	HDD	25 25	0.03		93 92	MIN 69 69	81 81	0 0	16 16	0.02	1 2	79 79	MIN 56 55	67 67	2 2	5 4	0.03
1 2 3	101 100 100	<b>MIN</b> 78	89 89 89	0 0	25 25 25	0.03 0.03 0.03	1 2	93 92 92	69 69 69	81 81 80	HDD 0	16 16 16	0.02 0.02 0.02	1	79	56 55 55	67 67 66	2 2 2 2	5	0.03 0.02 0.02
1 2	101 100	78 78 78	89 89	0 0 0	25 25	0.03	1 2 3	93 92	MIN 69 69	81 81	0 0 0	16 16	0.02	1 2 3	79 79 78	MIN 56 55	67 67	2 2	5 4 4	0.03 0.02 0.02 0.02
1 2 3 4	101 100 100 100	78 78 78 78 78	89 89 89 89	0 0 0 0	25 25 25 25	0.03 0.03 0.03 0.03	1 2 3 4	93 92 92 91	69 69 69 68	81 81 80 80	0 0 0 0	16 16 16 15	0.02 0.02 0.02 0.02	1 2 3 4	79 79 78 78	56 55 55 54	67 67 66 66	2 2 2 2 2	5 4 4 4	0.03 0.02 0.02
1 2 3 4 5	101 100 100 100 100	78 78 78 78 78 77	89 89 89 89 89	0 0 0 0 0	25 25 25 25 25 24	0.03 0.03 0.03 0.03 0.03	1 2 3 4 5	93 92 92 91 91	69 69 69 68 68	81 81 80 80 79	0 0 0 0 0	16 16 16 15 15	0.02 0.02 0.02 0.02 0.03	1 2 3 4 5	79 79 78 78 77	56 55 55 54 54	67 67 66 66 66	2 2 2 2 2 2	5 4 4 4 4 3	0.03 0.02 0.02 0.02 0.02
1 2 3 4 5	101 100 100 100 100	78 78 78 78 78 77	89 89 89 89 89	0 0 0 0 0	25 25 25 25 25 24 24	0.03 0.03 0.03 0.03 0.03	1 2 3 4 5	93 92 92 91 91	69 69 69 68 68	81 81 80 80 79 79	0 0 0 0 0	16 16 16 15 15	0.02 0.02 0.02 0.02 0.03 0.03	1 2 3 4 5	79 79 78 78 77	56 55 55 54 54 53	AVG 67 66 66 66 65	2 2 2 2 2 2 2	5 4 4 4 3 3	0.03 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7	101 100 100 100 100 100	78 78 78 78 78 77 77	89 89 89 89 89 89	0 0 0 0 0 0	25 25 25 25 24 24 24	0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7	93 92 92 91 91 91 90	69 69 69 68 68 67	81 81 80 80 79 79	0 0 0 0 0 0 0	16 16 16 15 15 14	0.02 0.02 0.02 0.02 0.03 0.03	1 2 3 4 5 6 7	79 79 78 78 77 77	MIN 56 55 55 54 54 53 53	AVG 67 66 66 66 65 65	2 2 2 2 2 2 2 2 3	5 4 4 4 3 3 3	0.03 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8	101 100 100 100 100 100 100 99	78 78 78 78 78 77 77 77	89 89 89 89 89 89	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24	0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9	93 92 92 91 91 91 90	69 69 69 68 68 67 67	81 81 80 80 79 79 79 78	0 0 0 0 0 0 0	16 16 16 15 15 14 14	0.02 0.02 0.02 0.02 0.03 0.03 0.03	1 2 3 4 5 6 7 8	79 79 78 78 77 77 77	MIN 56 55 55 54 54 53 53 52	AVG 67 66 66 66 65 65	2 2 2 2 2 2 2 2 3 3	5 4 4 4 3 3 3	0.03 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10	101 100 100 100 100 100 100 99 99 99	MIN  78  78  78  78  77  77  77  77  76  76	89 89 89 89 89 89 89 88 88	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 24 24 23	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10	93 92 92 91 91 91 90 90 89 89	MIN 69 69 69 68 68 67 67 66 66 65	AVG  81  80  80  79  79  79  78  78  77	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10	79 78 78 77 77 77 76 76 75	MIN  56 55 54 54 53 53 52 52 52 51	AVG 67 66 66 66 65 65 64 64 63	HDD  2 2 2 2 2 2 2 3 3 3 3 3 3 3	5 4 4 4 3 3 3 3 3 2 2	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12	101 100 100 100 100 100 100 99 99 99	MIN  78  78  78  78  77  77  77  76  76  76	89 89 89 89 89 89 88 88 88 88	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 24 23 23	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12	93 92 92 91 91 90 90 89 89	69 69 68 68 67 67 66 66 65 65	81 81 80 80 79 79 79 78 78 77	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12	0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11	79 79 78 78 77 77 76 76 75 75	MIN  56 55 55 54 54 53 52 52 52 51 51	AVG 67 67 66 66 65 65 64 64 63 63 63	HDD 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	5 4 4 4 3 3 3 3 2 2 2	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13	101 100 100 100 100 100 100 99 99 99 99	MIN  78  78  78  78  77  77  77  77  76  76	89 89 89 89 89 89 88 88 88 88 88	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 24 23 23 23	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13	93 92 92 91 91 91 90 90 89 89 88	69 69 68 68 67 67 66 66 65 65	AVG  81  80  80  79  79  78  78  77  76  76	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12	0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13	79 79 78 78 77 77 76 76 75 75	MIN  56 55 55 54 54 53 53 52 52 52 51 51 51	67 67 66 66 65 65 64 64 63 63 63	HDD  2 2 2 2 2 2 3 3 3 3 3 4	5 4 4 4 3 3 3 3 2 2 2 2	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14	101 100 100 100 100 100 100 99 99 99 99 99	MIN  78  78  78  78  77  77  77  77  76  76	AVG  89 89 89 89 89 88 88 88 88 88 87 87	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 23 23	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14	93 92 92 91 91 90 90 89 89 88 88 88	69 69 69 68 68 67 67 66 66 65 65 64 64	AVG  81  80  80  79  79  78  78  77  76  76  76	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12	0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14	79 78 78 77 77 77 76 76 75 75 75 74	MIN  56 55 54 54 53 52 52 52 52 51 51 50	67 67 66 66 66 65 64 64 63 63 63 62 62	HDD  2 2 2 2 2 2 3 3 3 3 4 4	5 4 4 4 3 3 3 3 2 2 2 2 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	101 100 100 100 100 100 100 99 99 99 99 99 98 98	MIN  78  78  78  78  77  77  77  77  76  76	AVG  89 89 89 89 89 88 88 88 88 88 87 87 86	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 23 22 22	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	93 92 92 91 91 90 90 89 89 88 88 87	69 69 69 68 68 67 67 66 66 65 65 64 64 63	AVG  81 80 80 79 79 79 78 78 77 77 76 76 76 75	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	79 78 78 78 77 77 76 76 76 75 75 74 74 73	MIN  56 55 54 54 53 53 52 52 52 51 51 50 50	67 67 66 66 66 65 65 64 63 63 63 62 62 62	HDD  2 2 2 2 2 2 3 3 3 3 4 4 4	5 4 4 4 3 3 3 3 2 2 2 2 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	101 100 100 100 100 100 100 99 99 99 99 99 99 98 98	MIN  78  78  78  78  77  77  77  77  76  76	AVG  89 89 89 89 89 88 88 88 88 88 88 88 88	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 23 22 22	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	93 92 92 91 91 90 90 89 89 88 88 87 87	69 69 68 68 67 67 66 66 65 65 64 64 63	AVG  81  80  80  79  79  78  78  77  76  76  76  75  75	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	79 79 78 78 77 77 76 76 76 75 75 74 74 73	MIN  56 55 54 54 53 53 52 52 52 51 51 50 50 49	AVG 67 66 66 66 65 65 64 63 63 63 62 62 62 61	2 2 2 2 2 2 2 3 3 3 3 3 3 4 4 4	5 4 4 3 3 3 3 2 2 2 2 1 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	101 100 100 100 100 100 100 99 99 99 99 99 98 98 98	MIN  78  78  78  78  77  77  77  77  76  76	AVG  89 89 89 89 89 88 88 88 88 88 88 88 86 86	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 23 22 22 22	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	93 92 92 91 91 90 90 89 89 88 88 87 87 86 86	69 69 69 68 68 67 67 66 66 65 65 64 64 63 63	AVG  81 80 80 79 79 79 78 78 77 76 76 76 76 75 75	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	79 78 78 78 77 77 76 76 75 75 75 74 73 73 73	MIN  56 55 55 54 54 53 53 52 52 52 51 51 50 50 49 49	67 67 66 66 65 65 64 63 63 63 62 62 62 61 61	PDD 2 2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 4 4 4 4	5 4 4 3 3 3 3 2 2 2 2 1 1 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	101 100 100 100 100 100 100 99 99 99 99 98 98 98 98 97	78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 74 74	89 89 89 89 89 88 88 88 88 88 88 88 86 86	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 22 21	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	93 92 92 91 91 90 90 89 89 88 87 87 86 86	69 69 69 68 68 67 66 66 65 65 64 63 63 63	AVG  81  80  80  79  79  78  78  77  76  76  76  75  74  74	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	79 78 78 78 77 77 76 75 75 74 74 73 73 73 72	MIN  56 55 54 54 53 53 52 52 52 51 51 50 50 49 49 49	67 67 66 66 65 65 64 64 63 63 62 62 62 61 61 60	HDD  2 2 2 2 2 2 3 3 3 3 4 4 4 4 5	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	101 100 100 100 100 100 100 99 99 99 99 98 98 98 98 98 97 97	78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 75 74 74	89 89 89 89 89 89 88 88 88 87 87 87 87 86 86 86 86	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 22 21 21	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	93 92 92 91 91 90 90 89 89 88 87 87 86 86 86 85	69 69 69 68 68 67 66 66 65 65 64 63 63 62 62	AVG  81  80  80  79  79  78  77  76  76  76  75  75  74  73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 9	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	79 78 78 78 77 77 76 75 75 74 74 73 73 73 72 72	MIN  56 55 55 54 54 53 53 52 52 52 51 51 50 49 49 49 48	67 67 66 66 65 65 64 63 63 63 62 62 62 61 60 60	HDD  2 2 2 2 2 2 3 3 3 3 4 4 4 4 5 5	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	101 100 100 100 100 100 100 99 99 99 99 98 98 98 98 97 97 97	78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 75 74 74 74	89 89 89 89 89 88 88 88 87 87 87 86 86 86 86 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 22 21 21 20	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	93 92 92 91 91 90 89 89 88 87 87 86 86 86 85	MIN  69 69 68 68 67 66 66 65 65 64 64 63 63 63 62 62 61	AVG  81  80  80  79  79  78  78  77  76  76  76  75  74  73  73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 9 9	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	79 78 78 78 77 77 76 76 75 75 74 74 73 73 73 72 72 71	MIN  56 55 54 54 53 53 52 52 52 51 51 50 49 49 48 48	67 67 66 66 65 65 64 63 63 63 62 62 62 61 60 60	HDD  2 2 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	101 100 100 100 100 100 100 99 99 99 99 99 98 98 98 98 97 97 97 96	78 78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 74 74 73 73	89 89 89 89 89 89 88 88 88 87 87 86 86 86 86 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 22 21 21 20 20	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	93 92 92 91 91 90 90 89 89 88 87 87 86 86 86 85 85	69 69 68 68 67 67 66 66 65 65 64 63 63 62 62 61 61	AVG  81  80  80  79  79  78  78  77  76  76  76  75  74  74  73  73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 9 9	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	79 78 78 78 77 77 76 76 75 75 74 74 73 73 73 72 71 71	MIN  56 55 55 54 54 53 52 52 52 51 51 50 49 49 49 48 48 48	67 67 66 66 65 65 64 63 63 62 62 62 61 60 60 60 59	PDD  2 2 2 2 2 2 3 3 3 3 4 4 4 5 5 5 5	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	101 100 100 100 100 100 100 100 99 99 99 99 98 98 98 98 97 97 97 96 96	78 78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 75 75 74 74 74 73 73 73	89 89 89 89 89 89 88 88 88 87 87 86 86 86 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 21 21 20 20	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	93 92 92 91 91 90 90 89 89 88 87 87 86 86 85 85 84	69 69 68 68 67 67 66 66 65 64 64 63 63 62 62 61 61	AVG  81  80  80  79  79  78  78  77  76  76  76  75  74  74  73  73  72  72	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 9 9	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	79 78 78 78 77 77 76 76 75 75 74 74 73 73 73 72 72 71 71 71	MIN  56 55 54 54 53 53 52 52 52 51 51 50 49 49 49 48 48 48	67 67 66 66 65 65 64 64 63 63 62 62 62 61 60 60 60 59	PDD  2 2 2 2 2 3 3 3 3 4 4 4 5 5 5 6	5 4 4 4 3 3 3 3 2 2 2 2 2 1 1 1 1 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	101 100 100 100 100 100 100 99 99 99 99 98 98 98 98 97 97 97 96 96	78 78 78 78 78 77 77 77 77 77 76 76 76 75 75 75 74 74 74 73 73 73 73	89 89 89 89 89 89 88 88 88 88 87 87 86 86 86 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 23 22 22 21 21 21 20 20 20	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	93 92 92 91 91 90 90 89 89 88 87 87 86 86 86 85 84 84 83	69 69 69 68 68 67 67 66 66 65 64 64 63 63 63 62 62 61 60 60	AVG  81 80 80 79 79 78 78 77 76 76 76 76 75 74 73 73 72 72 72	HDD  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 10 9 9 8 8 8	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	79 78 78 78 77 77 76 76 75 75 74 74 73 73 72 72 71 71 71 70	MIN  56 55 54 54 54 53 52 52 52 52 51 51 50 60 49 49 48 48 48 48 47	AVG 67 67 66 66 65 65 64 63 63 62 62 62 61 60 60 60 59 59	PDD  2 2 2 2 2 3 3 3 3 4 4 4 5 5 5 6 6 6	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 0 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	101 100 100 100 100 100 100 99 99 99 98 98 98 98 97 97 97 96 96 96 95	MIN  78  78  78  78  77  77  77  77  76  76	89 89 89 89 89 89 88 88 88 88 87 87 86 86 86 85 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 25 24 24 24 24 23 23 23 22 22 21 21 21 20 20 19	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	93 92 92 91 91 90 89 89 88 87 87 86 86 86 85 85 84 84 83 83	69 69 69 68 68 67 67 66 66 65 64 63 63 63 62 61 60 60 59	AVG  81 80 80 79 79 78 78 77 76 76 76 76 75 74 74 73 73 72 72 72 71	HDD  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 11 10 10 10 9 9 8 8 8 7	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	79 79 78 78 77 77 76 76 76 75 75 74 74 73 73 73 72 71 71 70 70	MIN  56 55 54 54 53 53 52 52 52 51 51 50 50 49 49 49 48 48 48 48 47 47	67 67 66 66 65 65 64 64 63 63 62 62 62 61 61 60 60 59 59 59	PDD  2 2 2 2 2 3 3 3 3 3 4 4 4 5 5 5 6 6 6 6	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 0 0 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	101 100 100 100 100 100 100 99 99 99 99 98 98 98 97 97 97 96 96 96 95 95	78 78 78 78 78 77 77 77 77 76 76 76 75 75 75 74 74 74 73 73 73 73 72 72 72	89 89 89 89 89 88 88 88 88 88 87 87 87 86 86 86 85 85 85 84	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 22 21 21 20 20 20 20 19	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.02 0.03 0.04	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	93 92 92 91 91 90 90 89 89 88 87 87 86 86 86 85 84 84 83 83	69 69 69 68 68 67 66 66 65 65 64 63 63 62 62 61 60 60 59	AVG  81 80 80 79 79 78 78 78 77 76 76 76 75 74 74 73 73 72 72 71 71	HDD  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 10 10 9 9 8 8 8 7 7	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	79 78 78 78 77 77 77 76 75 75 75 74 74 73 73 72 72 71 71 71 70 70 70	MIN  56 55 54 54 53 53 52 52 52 51 51 50 50 49 49 49 48 48 48 48 47 47	67 67 66 66 65 65 64 64 63 63 62 62 62 61 60 60 59 59 59 59 58	PDD  2 2 2 2 2 3 3 3 3 3 4 4 4 5 5 5 6 6 6 6 6	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 0 0 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	101 100 100 100 100 100 100 99 99 99 98 98 98 98 97 97 97 96 96 96 95 95	78 78 78 78 78 77 77 77 77 76 76 76 75 75 75 74 74 74 73 73 73 73 72 72 72 71	89 89 89 89 89 88 88 88 88 88 87 87 87 86 86 86 85 85 85 84 84 84	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 21 21 20 20 20 19 19	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.02 0.03 0.03 0.03 0.04 0.04 0.05	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	93 92 92 91 91 90 90 89 89 88 87 87 86 86 85 85 84 84 83 83 83	69 69 69 68 68 67 66 66 65 65 64 63 63 63 62 62 61 60 59 59 58	81 81 80 80 79 79 78 78 77 76 76 76 75 75 74 74 73 73 72 72 72 71 71	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 10 10 9 9 8 8 8 8 7 7	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	79 78 78 78 77 77 76 75 75 75 74 74 73 73 72 72 71 71 70 70 69	MIN  56 55 54 54 53 53 52 52 52 51 51 50 60 49 49 48 48 48 48 47 47 47	67 67 66 66 65 65 64 64 63 63 63 62 62 62 61 60 60 60 59 59 59 59 58	PDD  2 2 2 2 2 3 3 3 3 3 4 4 4 5 5 5 6 6 6 6 6 6	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 1 0 0 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03 0.03
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	101 100 100 100 100 100 100 99 99 99 99 98 98 98 97 97 97 96 96 96 95 95 94	78 78 78 78 78 77 77 77 77 76 76 76 75 75 75 74 74 74 73 73 73 72 72 72 71 71	89 89 89 89 89 88 88 88 88 87 87 87 86 86 86 85 85 84 84 84 83 83	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 25 25 24 24 24 24 23 23 23 23 22 22 21 21 20 20 20 19 19 18 18	0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.02 0.03 0.03 0.04 0.05	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	93 92 92 91 91 90 90 89 89 88 87 87 86 86 85 85 84 84 83 83 83 82 82	69 69 69 68 68 67 66 66 65 65 64 63 63 62 61 60 59 58	81 81 80 80 79 79 78 78 77 76 76 76 75 75 74 74 73 73 72 72 72 71 70 70	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16 16 16 15 15 14 14 13 13 13 12 12 12 11 10 10 9 9 8 8 8 7 7	0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	79 78 78 78 77 77 76 75 75 74 74 73 73 73 72 72 71 71 70 70 69 69	MIN  56 55 54 54 54 53 52 52 52 51 51 50 49 49 48 48 48 48 47 47 47 46	67 67 66 66 65 65 64 63 63 63 62 62 62 61 60 60 60 59 59 59 59 58 58	PDD  2 2 2 2 2 3 3 3 3 3 4 4 4 5 5 5 6 6 6 6 6 7	5 4 4 4 3 3 3 3 2 2 2 2 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03 0.03
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### CLIMATOGRAPHY OF THE UNITED STATES NO. 84, 1971-2000

Daily Normals of Temperature, Precipitation, and Heating and Cooling Degree Days

Station Name: PHOENIX SKY HRBR INTL AP PHX ARIZONA Station Number: 026481

Latitude:  $33^B$   $26^*$  03 ( Longitude:  $-112^B$   $00^*$  29 ( Elevation (feet): 1107

Climate Division: AZ 06 South Central Page 3 of 3

PRECIPITATION PROBABILITIES													
Probability	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC /	ANNUAL
0.005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13
0.010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48
0.050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62
0.100	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.00	0.00	0.00	0.00	4.37
0.200	0.08	0.08	0.18	0.00	0.00	0.00	0.21	0.16	0.07	0.05	0.05	0.04	5.40
0.300	0.18	0.20	0.35	0.02	0.00	0.00	0.36	0.29	0.18	0.15	0.16	0.15	6.25
0.400	0.30	0.33	0.54	0.06	0.00	0.00	0.53	0.45	0.30	0.28	0.28	0.29	7.04
0.500	0.47	0.50	0.75	0.12	0.00	0.00	0.72	0.63	0.45	0.45	0.44	0.48	7.84
0.600	0.68	0.69	1.01	0.19	0.06	0.00	0.94	0.86	0.64	0.66	0.63	0.73	8.70
0.700	0.97	0.94	1.33	0.29	0.15	0.03	1.22	1.14	0.90	0.94	0.88	1.06	9.68
0.800	1.39	1.30	1.77	0.44	0.28	0.10	1.61	1.55	1.26	1.34	1.25	1.56	10.92
0.900	2.14	1.89	2.53	0.69	0.53	0.24	2.27	2.25	1.88	2.04	1.87	2.43	12.81
0.950	2.92	2.49	3.27	0.95	0.78	0.44	2.92	2.95	2.52	2.76	2.49	3.33	14.52
0.990	4.76	3.88	4.98	1.55	1.38	1.10	4.40	4.56	4.02	4.45	3.97	5.48	18.09
0.995	5.57	4.48	5.71	1.81	1.64	1.37	5.04	5.26	4.67	5.18	4.61	6.42	19.53

	PRECIPITATION QUINTILES												
Level	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0 <	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.08	0.08	0.18	0.00	0.00	0.00	0.21	0.16	0.07	0.05	0.05	0.04	
2	0.09	0.09	0.19	0.01	0.00	0.00	0.22	0.17	0.08	0.06	0.06	0.05	
	0.30	0.33	0.54	0.06	0.00	0.00	0.53	0.45	0.30	0.28	0.28	0.29	
3	0.31	0.34	0.55	0.07	0.01	0.00	0.54	0.46	0.31	0.29	0.29	0.30	
	0.68	0.69	1.01	0.19	0.06	0.00	0.94	0.86	0.64	0.66	0.63	0.73	
4	0.69	0.70	1.02	0.20	0.07	0.01	0.95	0.87	0.65	0.67	0.64	0.74	
	1.39	1.30	1.77	0.44	0.28	0.10	1.61	1.55	1.26	1.34	1.25	1.56	
5	1.40	1.31	1.78	0.45	0.29	0.11	1.62	1.56	1.27	1.35	1.26	1.57	
	5.22	2.93	3.17	1.13	1.06	1.70	5.15	3.50	3.36	4.40	2.79	3.08	
6 >	5.22	2.93	3.17	1.13	1.06	1.70	5.15	3.50	3.36	4.40	2.79	3.08	

#### Abbreviations:

MAX = Maximum Temperature (degrees Fahrenheit)
MIN = Minimum Temperature (degrees Fahrenheit)
AVG = Average Temperature (degrees Fahrenheit)

#### NOTES

HDD = Heating Degree Days (base 65) CDD = Cooling Degree Days (base 65) PRCP = Precipitation Amount (inches) MTH = Monthly Means / Totals SEASON = Seasonal Means / Totals ANNUAL = Annual Means / Totals

This publication presents daily temperature, precipitation, and heating and cooling degree day normals for stations based on the 1971-2000 record *adjusted* to the present station location. Stations contained in the monthly normals (Climatography of the United States No. 81) are included. Precipitation-only stations have no data in the temperature and degree day fields on Pages 1 and 2. Latitude and longitude values are presented in DD MM SS, where DD=Degrees, MM=Minutes, and SS=Seconds. Small differences between monthly values in this publication and the monthly normals presented in Climatography of the United States No.81 are attributable to smoothing techniques applied to this data set, as described below.

#### Daily Normals Tables

The daily values presented in these tables are not simple means of the observed daily values. They are interpolated from the much less variable monthly normals by use of the natural spline function. The procedure involved constructing a cumulative series of monthly sums from the monthly normals. The cumulative series was for a 24-month period (July, August, ..., December, January, ..., December, January, ..., June), so that the interpolating function could adequately fit the end points in the annual series. This process was applied independently to all six elements. No normal values for February 29 are included; in common practice, the normal values for the 28th are used for the 29th in each leap year. Thus, for leap years, the February monthly total degree days or precipitation are calculated by adding the daily value for the 28th to the monthly total. February temperature averages are likewise not adjusted for leap years. For most stations, the monthly heating and cooling degree day normals (base 65 degrees Fahrenheit) are derived from monthly normal temperature using an estimation technique developed by H.C.S. Thom. An asterisk (\*) for a daily degree day value indicates a daily normal of less than one degree day, but not equal to zero. Seasonal means / totals correspond to the three months listed immediately above.

#### Precipitation Probabilities and Quintiles Tables:

The precipitation probabilities are the monthly precipitation totals that correspond to the indicated probability levels. The probability levels are based on the 1971-2000 historical sequential monthly precipitation. The historical precipitation data are the adjusted values from the monthly normals (Climatography of the United States No. 81).

When historical climate data are accumulated and examined, they generally follow a certain pattern called a statistical distribution. While temperature usually follows a Gaussian or bell-shaped distribution, precipitation does not because it is zero-bounded. Precipitation generally follows a Gamma distribution, where most values are near zero with rapidly diminishing higher values. Thus, the Gamma distribution was used to estimate the precipitation values in the probability and quintile tables published above. The probability table shows the amount of precipitation expected at fifteen probability levels (0.005, 0.01, 0.05, 0.10, 0.20, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 0.95, 0.99, and 0.995) for each month of the year and for the annual total. For example, if 1.77 inches corresponds to the 0.20 probability level, that means that on average, 2 out of 10 years will have 1.77 inches of precipitation in that month. It also means that, on average, 8 out of 10 years will have more than 1.77 inches of precipitation in that month.

The precipitation quintiles show the expected precipitation values at the five quintile levels for each of the twelve months: 1. First Quintile (0-20%); 2. Second Quintile (20-40%); 3. Third Quintile (40-60%); 4. Fourth Quintile (60-80%); 5. Fifth Quintile (80-100%). For example, if 2.91 and 4.07 inches are the bounds for the second quintile (level 2), then a monthly total precipitation amount for that month falling in the range 2.91 to 4.07 would be classified as a second quintile precipitation amount and that month would be considered relatively dry. The first line (level 0 <) in the table shows the minimum precipitation value derived from the historical record. Quintile level 0 would be used if a future precipitation observation is less than the 1971-2000 value. Level 6 > would be used if the observed value is more than the 1971-2000 maximum.

Release Date: May 15, 2002^ National Climatic Data Center/NESDIS/NOAA, Asheville, North Carolina