

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

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

Station Name: THERMAL RGNL AP TRM CALIFORNIA Station Number: 048892

Latitude: 33 B 37 \* 40 ( Longitude: -116 B 09 \* 36 ( Elevation (feet): -112

Climate Division: CA 07 Southeast Desert Basins

Page 1 of 3

		DE	СЕМВЕ	R					L	ANUAR	<b>/</b>					FE	BRUAR			1 of 3
Date	MAX	MIN			CDD	PRCP	Date	MAX	MIN		HDD	CDD	PRCP	Date	MAX	MIN			CDD	PRCF
1	73	39	56	9	*	0.01	1	70	37	53	12	0	0.02	1	74	41	57	8	0	0.03
2	73	39	56	9	*	0.01	2	70	37	53	12	0	0.02	2	74	41	57	8	0	0.03
3	73	38	56	10	*	0.01	3	70	37	54	12	0	0.02	3	74	41	58	8	0	0.03
4	72	38	55	10	0	0.01	4	70	37	54	11	0	0.02	4	74	42	58	7	0	0.03
5	72	38	55	10	0	0.00	5	70	37	54	11	0	0.02	5	74	42	58	7	0	0.03
6	72	38	55	10	0	0.00	6	70	38	54	11	0	0.02	6	74	42	58	7	0	0.03
7 8	72 71	38 38	55 55	10 10	0	0.01	7 8	70 70	38 38	54 54	11 11	0	0.02	7 8	75 75	42 42	58 59	7 7	0	0.03
9	71	37	54	11	0	0.01	9	70	38	54	11	0	0.02	9	75 75	42	59	7	0	0.02
10	71	37	54	11	0	0.01	10	70	38	54	11	0		10	75	42	59	7	0	0.02
11	71	37	54	11	0	0.01	11	70	38	54	11	0		11	75	43	59	6	0	0.02
12	71	37	54	11	0	0.01	12	71	38	54	11	0	0.02	12	75	43	59	6	0	0.02
13	71	37	54	11	0	0.01	13	71	38	54	11	0		13	76	43	59	6	1	0.02
14	70	37	54	11	0	0.01	14	71	38	55	11	0		14	76	43	60	6	1	0.02
15	70	37	54	11	0	0.01	15	71	39	55	10	0	0.02		76	43	60	6	1	0.02
16 17	70 70	37 37	54 54	12 12	0	0.01	1	71 71	39 39	55 55	10 10	0	0.02		76 76	43 44	60 60	6 6	1 1	0.02
18	70	37	53	12	0	0.01	1	71	39	55	10	0	0.02		77	44	60	5	1	0.02
19	70	37	53	12	0	0.01	1	71	39	55	10	0	0.02		77	44	60	5	1	0.02
20	70	37	53	12	0	0.01	1	72	39	55	10	0	0.02		77	44	61	5	1	0.02
21	70	36	53	12	0	0.01	21	72	39	56	10	0		21	77	44	61	5	1	0.02
22	70	36	53	12	0	0.01	22	72	40	56	10	0		22	77	44	61	5	1	0.02
23	70	36	53	12	0	0.01		72	40	56	9	0	0.03	-	77	45	61	5	1	0.02
24 25	70 69	37 37	53 53	12 12	0	0.01	24	72 72	40	56	9	*	0.03	24	77 78	45 45	61 61	5 5	1	0.02
26	69	37	53	12	0	0.01	25 26	72	40	56 56	9	*	0.03		78	45	61	5	1	0.02
27	69	37	53	12	0	0.01	1	73	40	56	9	*	0.03		78	45	62	5	1	0.02
28	69	37	53	12	0	0.01	28	73	40	57	9	*	0.03		78	46	62	5	1	0.02
29	70	37	53	12	0	0.01	29	73	41	57	8	0	0.03							
30	70	37	53	12	0	0.01	30	73	41	57	8	0	0.03							
31	70	37	53	12	0	0.01	31	73	41	57	8	0	0.02							
MTH:	70.6	37.2	53.9	347	3 	0.29	MTH:	71.2	38.8	55.0 56.2	315 832	5 24	0.72	MTH:	75.9	43.2	59.6	170	16	0.63
				VVIINI	EK SE	ASON:		12.0			032	24	1.04							
Date	MAX	MIN	<b>ARCH</b> AVG	HDD	CDD	PRCP	Data	MAX	MIN	<b>APRIL</b> AVG	HDD	CDD	PRCP	Data	MAX	MIN	MAY AVG	HDD	CDD	PRCF
1	78	46	62	5	1	0.02	1	85	51	68	2	5	0.01	1	92	59	75	*	10	0.00
2	78	46	62	4	1	0.02	2	85	52	68	2	5	0.01	2	92	59	75	0	10	0.00
3	79	46	62	4	2	0.02	3	85	52	69	2	5	0.01	3	92	59	76	0	11	0.00
4	79	46	62	4	2	0.02	4	86	52	69	2	5	0.01	4	92	59	76	0	11	0.00
5	79	46	63	4	2	0.02	5	86	F 0					5				U		0.00
6	79	47						0 0	52	69	1	6	0.01	5	92	60	76	0	11	
7		47	63	4	2	0.02	6	86	53	69	1	6 6	0.01	6	93	60	76 76	0	11	0.00
	79	47	63 63	4	2	0.02	7	86 87	53 53	69 70	1 1	6 6 6	0.01	6 7	93 93	60 60	76 76 77	0 0 0	11 12	0.00
8	79	47 47	63 63 63	4 4	2	0.02	7 8	86 87 87	53 53 53	69 70 70	1 1 1	6 6 6	0.01 0.00 0.00	6 7 8	93 93 93	60 60	76 76 77 77	0 0 0 0	11 12 12	0.00
8	79 80	47 47 47	63 63 63 63	4 4 4	2 2 2	0.02 0.02 0.02	7 8 9	86 87 87 87	53 53 53 53	69 70 70 70	1 1 1 1	6 6 6 6	0.01 0.00 0.00 0.00	6 7 8 9	93 93 93 93	60 60 61	76 76 77 77 77	0 0 0 0 0	11 12 12 12	0.00 0.00 0.00
8 9 10	79 80 80	47 47 47 47	63 63 63 63	4 4 4	2 2 2 2	0.02 0.02 0.02 0.02	7 8 9 10	86 87 87 87	53 53 53 53 53	69 70 70 70 70	1 1 1 1	6 6 6 6	0.01 0.00 0.00 0.00 0.00	6 7 8 9 10	93 93 93 93 93	60 60 60 61 61	76 76 77 77 77	0 0 0 0 0 0	11 12 12 12 12	0.00 0.00 0.00
8	79 80	47 47 47	63 63 63 63	4 4 4	2 2 2 2 2	0.02 0.02 0.02	7 8 9 10	86 87 87 87	53 53 53 53	69 70 70 70	1 1 1 1 1	6 6 6 6	0.01 0.00 0.00 0.00 0.00	6 7 8 9 10	93 93 93 93	60 60 61	76 76 77 77 77	0 0 0 0 0	11 12 12 12 12 12	0.00 0.00 0.00 0.00
8 9 10 11	79 80 80 80	47 47 47 47	63 63 63 63 64 64	4 4 4 4	2 2 2 2	0.02 0.02 0.02 0.02 0.02 0.02 0.01	7 8 9 10 11 12 13	86 87 87 87 87	53 53 53 53 53 54	69 70 70 70 70 71	1 1 1 1	6 6 6 6 6 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13	93 93 93 93 93	60 60 60 61 61	76 76 77 77 77 77	0 0 0 0 0 0 0 0	11 12 12 12 12	0.00 0.00 0.00
8 9 10 11 12 13 14	79 80 80 80 80 80	47 47 47 47 47 48 48 48	63 63 63 64 64 64 64	4 4 4 4 4 4 4 3	2 2 2 2 2 2 2 3 3	0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01	7 8 9 10 11 12 13 14	86 87 87 87 87 87 88 88	53 53 53 53 53 54 54 54 54	69 70 70 70 70 71 71 71 71	1 1 1 1 1 1 1 1	6 6 6 6 7 7 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14	93 93 93 93 93 94 94 94	60 60 60 61 61 61 61 62 62	76 76 77 77 77 77 77 78 78 78	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13	0.00 0.00 0.00 0.00 0.00 0.00 0.00
8 9 10 11 12 13 14 15	79 80 80 80 80 80 80 81	47 47 47 47 47 48 48 48	63 63 63 64 64 64 64 64	4 4 4 4 4 4 3 3	2 2 2 2 2 2 3 3 3	0.02 0.02 0.02 0.02 0.02 0.02 0.01 0.01	7 8 9 10 11 12 13 14 15	86 87 87 87 87 87 88 88	53 53 53 53 54 54 54 54 55	69 70 70 70 71 71 71 71 72	1 1 1 1 1 1 1 1	6 6 6 6 7 7 7 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15	93 93 93 93 94 94 94 94	60 60 61 61 61 61 62 62	76 76 77 77 77 77 77 78 78 78	0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13	0.00 0.00 0.00 0.00 0.00 0.00 0.00
8 9 10 11 12 13 14 15	79 80 80 80 80 80 80 81 81	47 47 47 47 47 48 48 48 48	63 63 63 64 64 64 64 64 65	4 4 4 4 4 4 3 3 3	2 2 2 2 2 2 3 3 3 3	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15	86 87 87 87 87 88 88 88 88	53 53 53 53 54 54 54 54 55	69 70 70 70 71 71 71 71 72 72	1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15	93 93 93 93 94 94 94 95	60 60 61 61 61 61 62 62 62 62	76 76 77 77 77 77 77 78 78 78 78	0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13 13	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17	79 80 80 80 80 80 80 81 81	47 47 47 47 47 48 48 48 48 48	63 63 63 64 64 64 64 64 65 65	4 4 4 4 4 4 3 3 3 3	2 2 2 2 2 2 3 3 3 3 3	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17	86 87 87 87 87 88 88 88 88 88	53 53 53 53 54 54 54 54 55 55	69 70 70 70 71 71 71 71 72 72	1 1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17	93 93 93 93 93 94 94 94 95 95	60 60 61 61 61 61 62 62 62 62 62 63	76 76 77 77 77 77 77 78 78 78 78 79	0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13 13 14	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18	79 80 80 80 80 80 80 81 81 81	47 47 47 47 47 48 48 48 48 48	63 63 63 64 64 64 64 64 65 65	4 4 4 4 4 4 3 3 3 3 3	2 2 2 2 2 3 3 3 3 3 3	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17	86 87 87 87 87 88 88 88 88 89	53 53 53 53 54 54 54 54 55 55 55	69 70 70 70 70 71 71 71 71 72 72 72	1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7 7 7 8 8	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18	93 93 93 93 93 94 94 94 95 95 95	60 60 60 61 61 61 62 62 62 62 63 63	76 76 77 77 77 77 78 78 78 78 78 79 79	0 0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13 13 14 14	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17	79 80 80 80 80 80 80 81 81	47 47 47 47 47 48 48 48 48 48	63 63 63 64 64 64 64 64 65 65	4 4 4 4 4 4 3 3 3 3	2 2 2 2 2 2 3 3 3 3 3	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19	86 87 87 87 87 88 88 88 88 88	53 53 53 53 54 54 54 54 55 55	69 70 70 70 71 71 71 71 72 72	1 1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7 7	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18	93 93 93 93 93 94 94 94 95 95	60 60 61 61 61 61 62 62 62 62 62 63	76 76 77 77 77 77 77 78 78 78 78 79	0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13 13 14	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18	79 80 80 80 80 80 80 81 81 81 81	47 47 47 47 47 48 48 48 48 48 49	63 63 63 64 64 64 64 65 65 65	4 4 4 4 4 3 3 3 3 3 3	2 2 2 2 2 3 3 3 3 3 3	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	86 87 87 87 87 88 88 88 88 89 89	53 53 53 53 53 54 54 54 55 55 55 55	69 70 70 70 70 71 71 71 71 72 72 72 72 72	1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7 7 7 8 8 8	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	93 93 93 93 94 94 94 95 95 95 96	60 60 60 61 61 61 62 62 62 62 63 63 63	76 76 77 77 77 77 78 78 78 78 78 79 79	0 0 0 0 0 0 0 0 0 0	11 12 12 12 12 13 13 13 13 13 14 14 14	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	79 80 80 80 80 80 81 81 81 81 82 82 82	47 47 47 47 48 48 48 48 49 49 49	63 63 63 64 64 64 64 65 65 65 66 66	4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	86 87 87 87 87 88 88 88 88 89 89 90 90	53 53 53 53 54 54 54 55 55 55 55 56 56	69 70 70 70 70 71 71 71 72 72 72 72 72 73 73	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	93 93 93 93 94 94 94 95 95 96 96 96 97	60 60 60 61 61 61 62 62 62 62 63 63 63 64 64	76 76 77 77 77 77 77 78 78 78 78 79 79 79 79 79 80 80 80	0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 13 14 14 14 14 15 15	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	79 80 80 80 80 80 81 81 81 81 82 82 82 82	47 47 47 47 48 48 48 48 49 49 49 49 50	63 63 63 64 64 64 64 65 65 65 66 66	4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	86 87 87 87 87 88 88 88 89 89 90 90	53 53 53 53 54 54 55 55 55 56 56 56 57	69 70 70 70 71 71 71 71 72 72 72 72 72 73 73 73	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	93 93 93 93 94 94 94 95 95 96 96 96 97 97	60 60 61 61 61 62 62 62 62 63 63 63 64 64	76 76 77 77 77 77 77 78 78 78 78 79 79 79 79 80 80 80 81	0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 14 15 15	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	79 80 80 80 80 80 81 81 81 81 82 82 82 82 82 83	47 47 47 47 48 48 48 48 49 49 49 49 49 50	63 63 63 64 64 64 65 65 65 66 66 66	4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 3 3 3 3 3 3 3 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	86 87 87 87 87 88 88 88 89 89 90 90 90	53 53 53 53 54 54 54 55 55 55 56 56 57 57	69 70 70 70 71 71 71 71 72 72 72 72 72 73 73 73 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 8 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	93 93 93 93 94 94 94 95 95 96 96 96 97 97 97	60 60 61 61 61 62 62 62 62 63 63 63 64 64 64	76 76 77 77 77 77 78 78 78 78 79 79 79 80 80 80 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 14 15 15 15	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	79 80 80 80 80 80 81 81 81 82 82 82 82 82 82 83	47 47 47 47 48 48 48 48 49 49 49 49 50 50	63 63 63 64 64 64 65 65 65 66 66 66 66	4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2 2 2 2 3 3 3 3 3 3 3 4 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	86 87 87 87 87 88 88 88 89 89 90 90 90	53 53 53 53 54 54 54 55 55 55 56 56 57 57	69 70 70 70 71 71 71 71 72 72 72 72 72 73 73 73 74 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 8 9 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	93 93 93 93 94 94 94 95 95 96 96 97 97 97 97	60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 64	76 76 77 77 77 77 78 78 78 79 79 79 80 80 80 81 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 15 15 15 16 16	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	79 80 80 80 80 80 81 81 81 82 82 82 82 82 82 83 83 83	47 47 47 47 48 48 48 48 49 49 49 49 50 50 50	63 63 63 64 64 64 65 65 65 66 66 66 67 67	4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 4 4 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	86 87 87 87 87 88 88 88 89 89 90 90 90 90 91	53 53 53 53 54 54 54 55 55 55 56 56 57 57 57	69 70 70 70 71 71 71 71 72 72 72 72 73 73 73 74 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 8 9 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 98	60 60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 64 64	76 76 77 77 77 77 78 78 78 78 79 79 79 80 80 80 81 81 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 15 15 15 16 16 16	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	79 80 80 80 80 81 81 81 81 82 82 82 82 82 83 83 83	47 47 47 47 48 48 48 49 49 49 49 50 50 50	63 63 63 64 64 64 65 65 65 66 66 66 67 67	4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2	2 2 2 2 2 2 3 3 3 3 3 3 3 4 4 4 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	86 87 87 87 87 88 88 88 89 89 90 90 90 90 91 91	53 53 53 53 54 54 54 55 55 55 56 56 56 57 57 57 57	69 70 70 70 71 71 71 71 72 72 72 72 73 73 73 73 74 74 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 8 9 9 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 98 98	60 60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 64 65 65	76 76 77 77 77 77 78 78 78 78 79 79 79 80 80 80 81 81 81 81 81	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 15 15 16 16 16	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	79 80 80 80 80 80 81 81 81 82 82 82 82 82 82 83 83 83	47 47 47 47 48 48 48 48 49 49 49 49 50 50 50	63 63 63 64 64 64 65 65 65 66 66 66 67 67	4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 3 4 4 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	86 87 87 87 87 88 88 88 89 89 90 90 90 90 91	53 53 53 53 53 54 54 55 55 55 56 56 56 57 57 57 57 58 58	69 70 70 70 71 71 71 71 72 72 72 72 72 73 73 73 74 74 74 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 8 9 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 98	60 60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 64 64	76 76 77 77 77 78 78 78 78 79 79 79 80 80 81 81 81 81 82 82	0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 12 12 13 13 13 13 14 14 14 15 15 15 16 16 16	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	79 80 80 80 80 81 81 81 82 82 82 82 82 83 83 83 84	47 47 47 47 48 48 48 49 49 49 49 50 50 50 50 51	63 63 63 64 64 64 65 65 65 66 66 66 67 67 67	4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	86 87 87 87 87 88 88 88 89 89 90 90 90 90 91 91 91	53 53 53 53 54 54 54 55 55 55 56 56 56 57 57 57 57	69 70 70 70 71 71 71 71 72 72 72 72 73 73 73 73 74 74 74	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0	6 6 6 6 6 7 7 7 7 8 8 8 8 8 9 9 9 9 9	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	93 93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 97 98 98	60 60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 65 65 65	76 76 77 77 77 77 78 78 78 78 79 79 79 80 80 80 81 81 81 81 81		11 12 12 12 13 13 13 13 13 14 14 14 15 15 16 16 16 17 17	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	79 80 80 80 80 80 81 81 81 82 82 82 82 82 84 84 84	47 47 47 47 48 48 48 48 49 49 49 49 50 50 50 50 51 51 51	63 63 63 64 64 64 64 65 65 65 66 66 66 67 67 67 68 68	4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 2 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 4 4 4 5 5 5 5 5 5 5	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	86 87 87 87 87 88 88 88 89 89 90 90 90 91 91 91 91 91	53 53 53 53 54 54 55 55 55 56 56 57 57 57 57 57 58 58 58	69 70 70 70 71 71 71 72 72 72 72 72 73 73 73 74 74 74 74 75 75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 8 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	93 93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 98 98 98 99 99	60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 65 65 65 65 65	76 76 77 77 77 77 77 78 78 78 78 79 79 79 80 80 81 81 81 81 82 82 82 83 83		11 12 12 12 13 13 13 13 14 14 14 15 15 16 16 16 16 17 17 17 18 18	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	79 80 80 80 80 81 81 81 82 82 82 82 83 83 83 84 84 84	47 47 47 47 48 48 48 48 49 49 49 49 50 50 50 51 51	63 63 63 64 64 64 64 65 65 65 66 66 66 67 67 67 68 68	4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 2 2 2 2	2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 4 4 4 5 5 5 5 5 5 5	0.02 0.02 0.02 0.02 0.02 0.01 0.01 0.01	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	86 87 87 87 87 88 88 88 89 89 90 90 90 91 91 91 91 91	53 53 53 53 54 54 54 55 55 55 56 56 57 57 57 57 58 58	69 70 70 70 71 71 71 72 72 72 72 72 73 73 73 74 74 74 74 75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0	6 6 6 6 6 7 7 7 7 7 8 8 8 8 8 9 9 9 9 9 10 10	0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	93 93 93 93 93 94 94 94 95 95 95 96 96 97 97 97 97 98 98 98 99 99	60 60 61 61 61 62 62 62 62 63 63 63 64 64 64 65 65 65 65	76 76 77 77 77 77 78 78 78 78 78 79 79 79 80 80 81 81 81 81 82 82 82 83		11 12 12 12 13 13 13 13 14 14 14 14 15 15 16 16 16 16 17 17 17	0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01



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

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

Station Name: THERMAL RGNL AP TRM CALIFORNIA Station Number: 048892

Latitude: 33 B 37 \* 40 ( Longitude: -116 B 09 \* 36 ( Elevation (feet): -112

Climate Division: CA 07 Southeast Desert Basins Page 2 of 3

				_																2 OT 3
D-4-			JUNE	LIDD	000	DDOD	D-4-	N4A.V/		JULY	LIDD	ODD	DDOD	D-4-	B463/		UGUST		000	DDOD
Date	MAX	MIN				PRCP		MAX	MIN				PRCP		MAX	MIN				PRCP
1	100	66	83 83	0	18	0.00	1	107	73	90	0	25	0.00	1	107	76 76	92	0	26	0.01
2	101 101	66 66	84	0	18 19	0.00	2	107 107	73 73	90 90	0	25 25	0.00	2 3	107 107	76 76	91 91	0	26 26	0.01
4	101	67	84	0	19	0.00	4	107	73	90	0	25	0.00	4	107	76	91	0	26	0.01
5	102	67	84	0	19	0.00	5	107	73	90	0	25	0.00	5	107	76	91	0	26	0.01
6	102	67	84	0	19	0.00	6	107	74	91	0	25	0.00	6	107	76	91	0	26	0.01
7	102	67	85	0	20	0.00	7	107	74	91	0	26	0.00	7	107	76	91	0	26	0.01
8	103	67	85	0	20	0.00	8	107	74	91	0	26	0.00	8	106	75	91	0	26	0.01
9	103	68	85	0	20	0.00	9	108	74	91	0	26	0.00	9	106	75	91	0	26	0.01
10	103	68	86	0	21	0.00	10	108	74	91	0	26	0.00		106	75	91	0	26	0.01
11	103	68	86	0	21	0.00		108	75	91	0	26	0.00		106	75	91	0	26	0.01
12	104	68	86	0	21	0.00		108	75 75	91	0	26	0.00		106	75	91	0	26	0.01
13	104	69 69	86 87	0	21 22	0.00	13	108	75 75	91	0	26	0.01		106	75 75	91	0	26	0.01
14	104 105	69	87	0	22	0.00		108 108	75 75	91 91	0	26 26	0.01		106 106	75 75	90 90	0	25 25	0.01
16	105	69	87	0	22	0.00	16	108	75	91	0	26	0.01		106	75	90	0	25	0.01
17	105	69	87	0	22	0.00		108	75	91	0	26	0.01		106	75	90	0	25	0.01
18	105	70	87	0	22	0.00		108	75	91	0	26	0.01		105	74	90	0	25	0.01
19	105	70	88	0	23	0.00	19	108	75	92	0	27	0.01	19	105	74	90	0	25	0.01
20	106	70	88	0	23	0.00	20	108	76	92	0	27	0.01	20	105	74	90	0	25	0.01
21	106	70	88	0	23	0.00		108	76	92	0	27	0.01		105	74	90	0	25	0.01
22	106	71	88	0	23	0.00	22	108	76	92	0	27	0.01		105	74	90	0	25	0.01
23	106	71	88	0	23	0.00		108	76	92	0	27	0.01		105	74	89	0	24	0.01
24	106	71	89	0	24	0.00		108	76	92	0	27	0.01		105	74	89	0	24	0.01
25	106	71	89	0	24	0.00		107	76	92	0	27	0.01		105	73	89	0	24	0.01
26 27	107 107	71 72	89 89	0	24 24	0.00		107 107	76 76	92 92	0	27 27	0.01		105 104	73 73	89 89	0	24 24	0.02
28	107	72	89	0	24	0.00	28	107	76	92	0	27	0.01		104	73	89	0	24	0.02
29	107	72	90	0	25	0.00	29	107	76	92	0	27	0.01		104	73	89	0	24	0.02
30	107	72	90	0	25	0.01		107	76	91	0	26	0.01		104	73	88	0	23	0.02
							31	107	76	91	0	26	0.01		104	72	88	0	23	0.02
MTH:	104.3	69.1	86.7	0	651	0.02	MTH:	107.5	74.9	91.2	0	811	0.19	MTH:	105.6	74.5	90.1	0	777	0.37
				SUMM	IER SE	ASON:		105.8	72.8	89.3	0	2239	0.58							
		QE.	DTEMP							СТОВЕ	n					NC	VEMBE	:D		
		36	PIEMB	EK					U	CIOBE	Γ.					11/				
Date	MAX	MIN	PTEMB AVG		CDD	PRCP	Date	MAX	MIN		HDD	CDD	PRCP	Date	MAX	MIN			CDD	PRCP
Date 1	MAX 104				CDD 23	PRCP 0.01	Date 1	MAX 96				CDD	PRCP 0.01	Date 1	MAX 84				CDD 4	PRCP 0.00
1 2		72 72	88 88	HDD	23 23				MIN	80 79	HDD				84 84	MIN 49 49	AVG	3 3		
1 2 3	104 104 103	72 72 72	88 88 88	0 0 0	23 23 23	0.01 0.01 0.02	1 2 3	96 96 95	63 63 62	80 79 79	0 0 0	14 14 14	0.01 0.01 0.01	1 2 3	84 84 83	49 49 48	67 66 66	3 3 3	4 4 4	0.00 0.00 0.00
1 2 3 4	104 104 103 103	72 72 72 72 72	88 88 88 87	0 0 0 0	23 23 23 22	0.01 0.01 0.02 0.02	1 2 3 4	96 96 95 95	63 63 62 62	80 79 79 78	0 0 0 0	14 14 14 13	0.01 0.01 0.01 0.01	1 2 3 4	84 84 83 83	49 49 48 48	67 66 66 65	3 3 3 3 3	4 4 4 3	0.00 0.00 0.00 0.00
1 2 3 4 5	104 104 103 103	72 72 72 72 72 71	88 88 88 87 87	0 0 0 0 0	23 23 23 22 22	0.01 0.01 0.02 0.02 0.02	1 2 3 4 5	96 96 95 95	63 63 62 62 61	80 79 79 78 78	0 0 0 0 0	14 14 14 13 13	0.01 0.01 0.01 0.01 0.01	1 2 3 4 5	84 84 83 83	MIN 49 49 48 48 47	67 66 66 65 65	3 3 3 3 3 3	4 4 4 3 3	0.00 0.00 0.00 0.00
1 2 3 4 5	104 104 103 103 103 103	72 72 72 72 72 71 71	88 88 88 87 87	0 0 0 0 0	23 23 23 22 22 22	0.01 0.01 0.02 0.02 0.02 0.02	1 2 3 4 5	96 96 95 95 95 94	63 63 62 62 61 61	80 79 79 78 78	0 0 0 0 0	14 14 14 13 13	0.01 0.01 0.01 0.01 0.01	1 2 3 4 5	84 84 83 83 82	49 49 48 48 47 47	67 66 66 65 65 64	3 3 3 3 3 4	4 4 4 3 3 3	0.00 0.00 0.00 0.00 0.00
1 2 3 4 5 6 7	104 104 103 103 103 103 103	72 72 72 72 72 71 71	88 88 88 87 87 87	0 0 0 0 0 0	23 23 23 22 22 22 22	0.01 0.01 0.02 0.02 0.02 0.02 0.02	1 2 3 4 5 6 7	96 96 95 95 95 94 94	63 63 62 62 61 61	80 79 79 78 78 78 77	0 0 0 0 0 0	14 14 14 13 13 12 12	0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7	84 84 83 83 82 82 81	MIN 49 49 48 48 47 47	AVG 67 66 66 65 65 64 64	3 3 3 3 3 4 4	4 4 4 3 3 3 3	0.00 0.00 0.00 0.00 0.00 0.00
1 2 3 4 5 6 7 8	104 104 103 103 103 103 103 102	72 72 72 72 72 71 71 71	88 88 88 87 87 87 87	HDD 0 0 0 0 0 0	23 23 23 22 22 22 22 22 22	0.01 0.01 0.02 0.02 0.02 0.02 0.02 0.02	1 2 3 4 5 6 7 8	96 96 95 95 95 94 94	63 63 62 62 61 61 61 60	80 79 79 78 78 78 77	0 0 0 0 0 0 0	14 14 14 13 13 12 12	0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8	84 84 83 83 82 82 81 81	MIN 49 49 48 48 47 47 46 46	AVG 67 66 66 65 65 64 64	3 3 3 3 3 4 4 4	4 4 4 3 3 3 3 3	0.00 0.00 0.00 0.00 0.00 0.00
1 2 3 4 5 6 7 8	104 104 103 103 103 103 103 102 102	72 72 72 72 72 71 71	88 88 88 87 87 87	0 0 0 0 0 0	23 23 23 22 22 22 22 22 22 21	0.01 0.02 0.02 0.02 0.02 0.02 0.02 0.02	1 2 3 4 5 6 7 8 9	96 96 95 95 95 94 94	63 63 62 62 61 61	80 79 79 78 78 78 77	0 0 0 0 0 0	14 14 14 13 13 12 12 12 12	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9	84 84 83 83 82 82 81	MIN 49 49 48 48 47 47	AVG 67 66 66 65 65 64 64	3 3 3 3 3 4 4	4 4 4 3 3 3 3	0.00 0.00 0.00 0.00 0.00 0.00 0.00
1 2 3 4 5 6 7 8	104 104 103 103 103 103 103 102	72 72 72 72 71 71 71 71 70	88 88 88 87 87 87 87 87 87	0 0 0 0 0 0 0 0	23 23 23 22 22 22 22 22 22	0.01 0.01 0.02 0.02 0.02 0.02 0.02 0.02	1 2 3 4 5 6 7 8 9	96 96 95 95 95 94 94 94	63 63 62 62 61 61 61 60 60	AVG 80 79 78 78 78 77 77	0 0 0 0 0 0 0	14 14 14 13 13 12 12	0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9	84 84 83 83 82 82 81 81	MIN 49 49 48 48 47 47 46 46 46	AVG 67 66 66 65 65 64 64 64 63	3 3 3 3 3 4 4 4 4	4 4 4 3 3 3 3 3 3 2	0.00 0.00 0.00 0.00 0.00 0.00
1 2 3 4 5 6 7 8 9 10	104 104 103 103 103 103 102 102 102 102	MIN  72  72  72  72  71  71  71  70  70	88 88 88 87 87 87 87 87 86 86	0 0 0 0 0 0 0 0 0	23 23 23 22 22 22 22 22 21 21 21	0.01 0.01 0.02 0.02 0.02 0.02 0.02 0.02	1 2 3 4 5 6 7 8 9 10 11 12	96 95 95 95 94 94 93 93 93	MIN 63 63 62 62 61 61 60 60 59 59 58	80 79 78 78 78 77 77 76 76 76	0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12	84 84 83 83 82 82 81 81 80 80	MIN 49 49 48 48 47 47 46 46 46 45	67 66 66 65 65 64 64 64 63 63 62 62	3 3 3 3 4 4 4 4 4 5 5	4 4 4 3 3 3 3 3 3 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13	104 104 103 103 103 103 102 102 102 102 102 101	72 72 72 72 71 71 71 70 70 70	88 88 88 87 87 87 87 87 86 86 86	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 23 22 22 22 22 22 21 21 21 21 20	0.01 0.01 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	96 95 95 95 94 94 93 93 93	MIN 63 63 62 62 61 61 60 60 59 59 58	AVG  80  79  78  78  78  77  76  76  76  75  75	HDD 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13	84 84 83 83 82 82 81 81 80 80 79	MIN  49 48 48 47 47 46 46 46 45 45 44	AVG 67 66 65 65 64 64 63 63 62 62 62	HDD  3 3 3 3 4 4 4 4 5 5 5 5	4 4 4 3 3 3 3 3 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	104 104 103 103 103 103 103 102 102 102 102 102 101 101	72 72 72 72 71 71 71 70 70 70 70 69 69	88 88 88 87 87 87 87 86 86 86 86 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 23 22 22 22 22 22 21 21 21 20 20	0.01 0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91	MIN  63 63 62 62 61 61 60 59 59 58 58	AVG  80 79 79 78 78 77 76 76 76 75 75	HDD 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11 10 9	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14	84 84 83 83 82 82 81 81 80 80 79	MIN  49 48 48 47 47 46 46 46 45 45 44 44	AVG 67 66 65 65 64 64 63 63 62 62 62 61	HDD  3 3 3 3 4 4 4 4 5 5 5 5 5	4 4 4 3 3 3 3 3 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	104 104 103 103 103 103 102 102 102 102 102 101 101	72 72 72 72 71 71 71 70 70 70 69 69	88 88 88 87 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	23 23 23 22 22 22 22 21 21 21 21 20 20	0.01 0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91	MIN  63  63  62  62  61  61  60  59  58  58  57	AVG  80  79  78  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	14 14 14 13 13 12 12 12 11 11 11 10 9 9	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	84 84 83 83 82 82 81 81 80 80 79 79	MIN  49 48 48 47 47 46 46 46 45 45 44 44 43	AVG 67 66 65 65 64 64 63 63 62 62 61 61	HDD  3 3 3 3 3 4 4 4 4 5 5 5 5 5 5	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	104 104 103 103 103 103 102 102 102 102 102 101 101 101	72 72 72 72 71 71 71 70 70 70 69 69 69 68	88 88 88 87 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	23 23 22 22 22 22 22 21 21 21 21 20 20 20	0.01 0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91	MIN  63  63  62  62  61  61  60  59  58  57  57	80 79 79 78 78 78 77 77 76 76 76 75 75 74 74	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11 10 9 9	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	84 84 83 82 82 81 81 80 80 79 79 78	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43	AVG 67 66 65 65 64 64 63 63 62 62 61 61 61	HDD  3 3 3 3 4 4 4 4 5 5 5 5 6	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	104 104 103 103 103 103 102 102 102 102 102 101 101 101 101	72 72 72 72 71 71 71 70 70 70 69 69 69 68 68	88 88 88 87 87 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	23 23 22 22 22 22 22 21 21 21 21 20 20 20 20	0.01 0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90	MIN  63  63  62  62  61  61  60  60  59  58  57  57  56	AVG  80  79  79  78  78  77  76  76  76  75  75  74  74  73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11 10 9 9	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	84 84 83 82 82 81 81 80 80 79 78 78	MIN  49 48 48 47 47 46 46 46 45 45 44 44 43 43	67 66 66 65 65 64 64 63 63 62 62 62 61 61 61	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	104 104 103 103 103 103 102 102 102 102 102 101 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 69 68 68 68	88 88 88 87 87 87 87 86 86 86 85 85 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19	0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90	MIN 63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 56	AVG  80 79 79 78 78 78 77 77 76 76 76 76 74 74 73 73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	84 84 83 83 82 82 81 81 80 80 79 78 78 78	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43	AVG 67 66 66 65 65 64 64 63 63 62 62 61 61 60 60	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	104 104 103 103 103 103 102 102 102 102 101 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 69 68 68 68 68	88 88 88 87 87 87 87 86 86 86 85 85 85 85 84	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19 19	0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90 89	MIN  63 63 62 62 61 61 60 60 59 59 58 58 57 57 57 56 56 55	AVG  80 79 78 78 78 77 77 76 76 76 76 74 74 74 73 73 72	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	84 84 83 83 82 82 81 81 80 80 79 78 78 77	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43 42 42	AVG 67 66 66 65 64 64 63 63 62 62 62 61 61 60 60 59	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 6	4 4 4 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	104 104 103 103 103 103 102 102 102 102 102 101 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 69 68 68 68	88 88 88 87 87 87 87 86 86 86 85 85 85 85	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19	0.01 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	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90	MIN 63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 56	AVG  80 79 79 78 78 78 77 77 76 76 76 76 74 74 73 73	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	84 84 83 83 82 82 81 81 80 80 79 78 78 78	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43	AVG 67 66 66 65 65 64 64 63 63 62 62 61 61 60 60	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	104 104 103 103 103 103 102 102 102 102 102 101 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 69 68 68 68 68 68	88 88 88 87 87 87 87 86 86 86 85 85 85 85 84 84	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 20 20 20 20 20 19 19	0.01 0.01 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 21	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90 89	MIN  63 63 62 62 61 61 60 60 59 59 58 58 57 57 57 56 56 55	AVG  80 79 79 78 78 78 77 76 76 76 76 75 74 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	14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8 8 8	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	84 84 83 83 82 82 81 81 80 80 79 79 78 78 77 77	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43 42 42	AVG 67 66 66 65 65 64 64 63 62 62 62 61 61 60 60 59 59	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7	4 4 4 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	104 104 103 103 103 103 102 102 102 102 101 101 101 100 100 100	72 72 72 72 71 71 71 70 70 70 69 69 68 68 68 68 68 67 67	88 88 88 87 87 87 87 86 86 86 85 85 85 85 85 83	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 22 21 21 21 20 20 20 20 20 19 19 18	0.01 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 21 22	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90 89 89	MIN  63 63 62 62 61 61 60 60 59 59 58 58 57 57 56 56 55 54	AVG  80 79 79 78 78 78 77 76 76 76 75 74 74 74 73 73 72 72 71	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 11 10 10 9 9 9 8 8 8 8	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	84 84 83 83 82 82 81 81 80 80 79 78 78 78 77 77	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43 42 42 41	AVG 67 66 65 65 64 64 63 62 62 62 61 61 60 60 59 59	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7	4 4 4 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 68 68 68 68 67 67	88 88 88 87 87 87 87 86 86 86 85 85 85 85 85 83	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 22 21 21 21 20 20 20 20 20 19 19 18 18	0.01 0.01 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 21 22 23	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 89 89 89	MIN  63 63 62 62 61 61 61 60 59 58 58 57 57 57 56 56 55 54 54	AVG  80 79 79 78 78 78 77 76 76 76 76 74 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	14 14 13 13 12 12 12 11 11 11 10 10 9 9 9 8 8 8 8 7	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	84 84 83 83 82 82 81 81 80 80 79 78 78 78 77 77 77 77	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 42 42 41 41	AVG 67 66 65 65 64 64 63 63 62 62 61 61 60 59 59 59	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
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	104 104 103 103 103 103 102 102 102 102 101 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 70 69 69 69 68 68 68 68 67 67 66 66	88 88 88 87 87 87 87 86 86 86 85 85 85 85 84 84 84 83 83 83	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 22 21 21 21 20 20 20 20 19 19 18 18 18	0.01 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 21 22 23 24 25	96 96 95 95 95 94 94 94 93 93 93 92 92 91 91 90 89 89 89 88 88	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 56 55 54 54 53 53 52	AVG  80 79 79 78 78 78 77 76 76 76 75 74 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	14 14 14 13 13 12 12 12 11 11 11 10 10 9 9 8 8 8 8 7 7	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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	84 83 83 82 82 81 81 80 80 80 79 78 78 77 77 77 76 76 76 75	MIN  49 48 48 47 47 46 46 45 44 44 43 43 43 42 42 41 41	AVG  67 66 65 65 64 64 63 63 62 62 61 61 60 59 59 59 58	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 7	4 4 4 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1 1 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
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	104 104 103 103 103 103 102 102 102 102 101 101 101 100 100 100	72 72 72 72 71 71 71 70 70 70 69 69 68 68 68 68 67 67 66 66 66 65 65	88 88 88 87 87 87 87 86 86 86 85 85 85 85 84 84 84 83 83 83 83 82 82	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19 19 18 18 18 17 17	0.01 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 21 22 23 24 25 26	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90 89 89 88 88 88 87 87	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 56 55 54 53 53 52 52	AVG  80 79 79 78 78 78 77 77 76 76 76 76 74 74 74 73 73 72 72 71 71 70 70 69	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8 8 8 7 7 7 6 6 6	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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	84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 42 42 41 41 40 40	AVG 67 66 66 65 64 64 63 63 62 62 61 61 61 60 59 59 59 59 58 58 57	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8	4 4 4 3 3 3 3 3 2 2 2 2 2 2 1 1 1 1 1 1 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 70 69 69 68 68 68 68 67 67 66 66 65 65 65	88 88 88 87 87 87 87 86 86 86 85 85 85 85 84 84 84 83 83 83 83 83 82 82 82	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19 19 18 18 18 17 17 17	0.01 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 21 22 23 24 25 26 27	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 90 89 89 88 88 87 87 86	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 55 54 54 53 53 52 52 52	AVG  80 79 79 78 78 78 77 77 76 76 76 76 75 74 74 74 73 73 72 72 71 71 70 70 69 69	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 11 11 10 10 9 9 9 8 8 8 8 7 7 7 7 6 6 6 6 5	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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	84 83 83 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 42 42 41 41 41 40 40 40	67 66 66 65 64 64 64 63 63 62 62 62 61 61 60 60 59 59 59 59 59 58 58 57 57	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1 1 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 71 71 71 70 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 65	88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 82 82 82 82 81 81	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 20 20 20 20 20 19 19 18 18 18 17 17 17 16 16	0.01 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 21 22 23 24 25 26 27 28	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 89 89 88 88 87 87 87 86 86	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 57 56 55 54 54 54 53 52 52 52 51	AVG  80 79 79 78 78 78 77 76 76 76 76 75 74 74 74 73 73 72 72 71 71 70 70 69 69 68	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8 8 8 7 7 7 6 6 6 6 5 5 5	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28	84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43 42 42 41 41 41 40 40 40	AVG 67 66 65 65 64 64 63 62 62 62 61 61 60 69 59 59 59 58 58 58 57 57	HDD  3 3 3 3 4 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 8	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1 1 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28 29	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 71 71 71 70 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 64 64	88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 83 83 83 83 83 82 82 82 81 80	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 20 20 20 20 20 19 19 18 18 18 17 17 17 17 16 16 16 15	0.01 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 21 22 23 24 25 26 27 28 29	96 96 95 95 95 94 94 93 93 93 92 92 91 91 90 89 89 88 88 87 87 86 86 85	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 56 56 55 54 54 53 53 52 52 52 51 51	AVG  80 79 79 78 78 78 77 76 76 76 75 74 74 74 73 73 72 72 71 71 70 69 69 68 68	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8 8 8 7 7 7 6 6 6 6 5 5 5 5	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28 29	84 84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74 74	MIN  49 48 48 47 47 46 46 46 45 45 44 44 41 41 41 40 40 40 39	AVG  67 66 65 65 64 64 63 62 62 62 61 61 60 60 59 59 59 58 58 57 57 57	HDD  3 3 3 3 4 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 8 9	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 71 71 71 70 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 65	88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 82 82 82 82 81 81	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 20 20 20 20 20 19 19 18 18 18 17 17 17 16 16	0.01 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 21 22 23 24 25 26 27 28 29 30	96 96 95 95 95 94 94 93 93 93 92 92 91 90 89 89 88 88 87 87 87 86 86 85 85	MIN  63 63 62 62 61 61 61 60 59 58 58 57 57 57 56 56 55 54 54 53 53 52 52 51 50	AVG  80 79 79 78 78 78 77 76 76 76 76 75 74 74 74 73 73 72 72 71 71 70 70 69 68 68 68 68	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 8 8 8 8 7 7 7 6 6 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28 29 30	84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74	MIN  49 48 48 47 47 46 46 45 45 44 44 43 43 43 42 42 41 41 41 40 40 40	AVG 67 66 65 65 64 64 63 62 62 62 61 61 60 69 59 59 59 58 58 58 57 57	HDD  3 3 3 3 4 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 8	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1 1 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28 29 30	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 64 64 63	88 88 88 87 87 87 87 86 86 86 85 85 85 85 85 82 82 82 82 82 81 80 80	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 29 19 19 18 18 17 17 17 17 16 16 16 15 15	0.01 0.01 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 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	96 96 95 95 95 94 94 93 93 93 92 91 91 90 89 89 88 88 87 87 87 86 86 85 85 84	MIN  63 63 62 62 61 61 61 60 59 58 58 57 57 57 56 56 55 54 54 53 53 52 52 51 50 50	AVG  80 79 79 78 78 78 77 76 76 76 75 74 74 74 73 73 72 72 71 71 70 70 69 68 68 68 68 68	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 13 13 12 12 12 11 11 10 10 9 9 8 8 8 8 7 7 7 6 6 6 6 5 5 5 5 5 5 5 7	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28 29 30	84 84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74 74 74 73	MIN  49 48 48 47 47 46 46 46 45 44 44 43 43 43 42 42 41 41 41 40 40 40 39 39	AVG  67 66 65 65 64 64 63 62 62 62 61 61 60 59 59 59 58 58 58 57 57 57 56	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 9 9	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 2 1 1 1 1 1 1 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28 29 30	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 71 71 71 70 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 64 64	88 88 88 87 87 87 87 86 86 86 86 85 85 85 85 83 83 83 83 83 82 82 82 81 80	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 20 20 20 20 29 19 19 18 18 17 17 17 16 16 16 15 15	0.01 0.01 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 21 22 23 24 25 26 27 28 29 30 31 MTH:	96 96 95 95 95 94 94 94 93 93 92 92 91 91 90 89 89 88 88 87 87 87 86 86 85 84 90.5	MIN  63 63 62 62 61 61 60 60 59 58 58 57 57 56 56 55 54 54 53 52 52 52 51 50 50 56.5	AVG  80 79 79 78 78 78 77 77 76 76 76 76 75 74 74 73 73 72 72 71 71 70 70 69 68 68 68 67 73.5	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 11 10 10 9 9 9 8 8 8 8 7 7 7 6 6 6 6 5 5 5 5 5 5 5 5 5 6 6 6 7 7 7 7	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28 29 30 MTH:	84 84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74 74	MIN  49 48 48 47 47 46 46 46 45 45 44 44 41 41 41 40 40 40 39	AVG  67 66 65 65 64 64 63 62 62 62 61 61 60 60 59 59 59 58 58 57 57 57	HDD  3 3 3 3 4 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 8 9	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 1 1 1 1 1 1 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01
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 28 29 30	104 104 103 103 103 103 102 102 102 102 102 101 101 101 100 100	72 72 72 72 71 71 71 70 70 70 69 69 68 68 68 67 67 66 66 65 65 65 64 64 63	88 88 88 87 87 87 87 86 86 86 85 85 85 85 85 82 82 82 82 82 81 80 80	HDD 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23 23 22 22 22 22 21 21 21 21 20 20 20 20 19 19 18 18 17 17 17 16 16 16 15 15	0.01 0.01 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 21 22 23 24 25 26 27 28 29 30 31 MTH:	96 96 95 95 95 94 94 93 93 93 92 91 91 90 89 89 88 88 87 87 87 86 86 85 85 84	MIN  63 63 62 62 61 61 61 60 59 58 58 57 57 57 56 56 55 54 54 53 53 52 52 51 50 50	AVG  80 79 79 78 78 78 77 76 76 76 75 74 74 74 73 73 72 72 71 71 70 70 69 68 68 68 68 68	HDD  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 14 14 13 13 12 12 12 11 11 10 10 9 9 9 8 8 8 7 7 7 7 6 6 6 6 5 5 5 5 5 4 2 7 9	0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	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 28 29 30 MTH:	84 84 83 83 82 82 81 81 80 80 79 78 78 77 77 77 76 76 76 75 75 75 74 74 74 73	MIN  49 48 48 47 47 46 46 46 45 44 44 43 43 43 42 42 41 41 41 40 40 40 39 39	AVG  67 66 65 65 64 64 63 62 62 62 61 61 60 59 59 59 58 58 58 57 57 57 56	HDD  3 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 7 8 8 8 8 9 9	4 4 4 3 3 3 3 3 2 2 2 2 2 2 2 2 1 1 1 1 1 1 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01



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

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

Station Name: THERMAL RGNL AP TRM CALIFORNIA Station Number: 048892

Latitude:  $33^B$   $37^*$  40 ( Longitude:  $-116^B$   $09^*$  36 ( Elevation (feet): -112

Climate Division: CA 07 Southeast Desert Basins 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	0.18	0.04
0.010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.08
0.050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.34
0.100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.64
0.200	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	1.24
0.300	0.11	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	1.89
0.400	0.22	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	2.43	2.62
0.500	0.36	0.28	0.19	0.00	0.00	0.00	0.00	0.05	0.00	0.04	0.09	2.97	3.46
0.600	0.55	0.45	0.33	0.00	0.00	0.00	0.05	0.16	0.03	0.10	0.18	3.57	4.47
0.700	0.82	0.69	0.52	0.03	0.01	0.01	0.20	0.34	0.09	0.19	0.30	4.30	5.75
0.800	1.22	1.05	0.78	0.09	0.06	0.11	0.51	0.66	0.21	0.35	0.49	5.28	7.53
0.900	1.94	1.73	1.21	0.20	0.20	0.54	1.10	1.28	0.45	0.64	0.84	6.86	10.52
0.950	2.69	2.45	1.65	0.32	0.35	1.08	1.88	1.96	0.73	0.94	1.22	8.36	13.49
0.990	4.51	4.19	2.65	0.63	0.81	3.01	4.17	3.67	1.47	1.70	2.12	11.69	20.31
0.995	5.31	4.96	3.08	0.77	1.02	3.89	5.14	4.44	1.79	2.03	2.52	13.08	23.22

	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		
	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
	0.22	0.16	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04		
3	0.23	0.17	0.08	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.05		
	0.55	0.45	0.33	0.00	0.00	0.00	0.00	0.05	0.16	0.03	0.10	0.18		
4	0.56	0.46	0.34	0.01	0.01	0.00	0.01	0.06	0.17	0.04	0.11	0.19		
	1.22	1.05	0.78	0.09	0.06	0.00	0.11	0.51	0.66	0.21	0.35	0.49		
5	1.23	1.06	0.79	0.10	0.07	0.01	0.12	0.52	0.67	0.22	0.36	0.50		
	4.57	3.40	2.00	0.50	0.80	0.41	2.01	3.62	5.24	1.53	1.51	1.49		
6 >	4.57	3.40	2.00	0.50	0.80	0.41	2.01	3.62	5.24	1.53	1.51	1.49		

#### 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, ..., 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