

ΠΑΡΑΡΤΗΜΑ II

ΚΑΤΑΛΟΓΟΣ ΣΕΙΣΜΩΝ ΕΥΡΥΤΕΡΗΣ ΠΕΡΙΟΧΗΣ ΑΤΑΛΑΝΤΗΣ

ΠΕΡΙΟΔΟΥ 1900 – 1995

(Makropoulos et al., 1989)

Κατάλογος Σεισμών Ευρύτερης Περιοχής Αταλάντης (1900 – 1995).

ΕΤΟΣ	ΗΜΕΡΑ	ΜΗΝΑΣ	ΩΡΑ	ΛΕΠΤΟ	Δ'ΛΕΠΤΟ	ΠΛΑΤΟΣ	ΜΗΚΟΣ	ΒΑΘΟΣ	ΜΕΓΕΘΟΣ
1901	09	12	06	15	00.0	39.00	22.20	24	5.6
1902	04	11	18	35	00.0	38.50	23.50	24	5.8
1902	08	02	05	38	00.0	38.50	21.80	20	5.6
1903	07	21	13	03	00.0	38.20	21.80	20	5.6
1904	04	05	09	33	30.0	37.80	22.20	5	5.5
1905	01	20	02	32	30.0	39.70	22.90	5	5.6
1909	05	30	06	14	00.0	38.25	22.20	20	6.0
1909	06	13	09	15	30.0	38.30	22.00	24	5.5
1909	06	15	23	30	00.0	39.20	22.20	14	5.6
1911	03	16	03	12	43.0	38.20	22.00	20	5.4
1911	10	22	22	32	00.0	39.50	23.00	15	5.6
1914	10	17	06	22	32.0	38.20	23.50	8	6.0
1914	10	17	10	42	00.0	38.20	23.50	24	5.3
1916	02	06	14	39	40.0	39.00	23.50	14	5.5
1916	05	20	22	14	00.0	38.20	23.20	28	5.5
1916	09	27	15	02	13.0	38.80	23.00	6	5.8
1917	06	04	01	14	01.0	38.20	21.80	12	4.7
1917	12	24	09	13	58.2	38.65	21.86	15	5.8
1918	01	27	12	56	35.0	38.50	22.00	24	5.1
1918	02	09	12	28	47.2	39.26	23.65	50	5.7
1920	02	26	23	04	27.0	39.30	23.50	15	4.8
1922	08	15	14	53	26.6	37.89	23.17	97	5.1
1922	11	11	22	13	10.5	37.84	22.03	32	5.2
1923	08	14	17	51	13.0	39.20	23.70	15	4.8
1923	12	06	00	26	50.0	39.80	23.50	15	4.7
1925	04	12	19	27	00.9	38.64	23.52	24	5.0
1928	01	22	00	18	26.0	38.83	22.60	12	5.1
1928	04	22	19	59	29.4	38.40	23.34	28	5.4
1928	04	22	20	13	55.9	38.08	23.12	8	6.5
1928	04	25	00	31	18.0	38.00	23.00	6	5.2
1930	03	31	12	33	51.4	39.70	23.34	10	6.1
1930	04	17	20	06	49.2	37.80	23.17	66	6.1
1930	09	13	20	06	03.2	37.85	22.77	183	5.3
1931	01	04	00	00	52.5	38.22	23.27	8	5.7
1931	09	11	16	23	22.7	38.87	23.29	77	5.0

1932	08	15	04	34	40.1	39.10	22.17	51	5.7
1938	07	20	00	23	42.5	38.30	23.66	42	6.1
1938	09	18	03	50	40.9	38.27	22.47	53	5.9
1939	05	31	00	24	05.0	38.00	22.00	14	5.0
1939	06	02	14	11	43.0	38.65	22.09	148	5.2
1941	03	01	03	52	55.2	39.73	22.46	25	6.3
1941	03	01	07	51	08.0	39.60	22.50	5	4.9
1941	03	01	15	00	55.0	39.60	22.50	5	4.8
1941	05	14	08	36	29.4	39.74	22.64	35	5.3
1941	05	16	01	27	58.2	39.62	22.41	34	5.1
1942	03	11	22	33	54.0	37.80	22.10	15	4.6
1942	06	01	09	01	18.0	38.99	22.11	65	5.3
1942	06	01	09	17	45.0	38.98	22.56	68	5.6
1947	04	19	20	29	44.4	39.33	23.55	30	5.3
1947	11	29	10	14	04.8	39.23	23.67	15	5.1
1949	10	04	17	33	33.9	38.63	22.08	111	5.0
1952	10	13	16	42	32.7	39.18	23.40	15	5.2
1953	03	04	15	30	32.0	38.50	21.80	5	5.0
1953	04	13	12	51	11.0	39.00	22.60	6	5.1
1953	06	13	18	38	58.1	38.10	22.60	4	5.1
1953	07	03	02	37	50.0	39.20	23.40	16	4.6
1953	09	05	14	18	46.0	37.88	23.17	18	5.7
1954	04	17	20	52	51.5	37.99	22.98	19	5.1
1954	04	30	13	02	39.5	39.23	22.28	16	6.7
1954	04	30	19	33	30.0	39.30	22.20	26	4.7
1954	05	04	16	43	26.0	39.26	22.14	27	5.5
1954	05	04	16	45	32.7	39.24	22.35	28	5.4
1954	05	04	23	44	54.0	39.30	22.20	20	4.8
1954	05	09	16	13	02.0	39.30	22.20	15	4.7
1954	05	25	22	03	37.1	39.26	22.30	22	5.3
1954	05	28	07	43	02.0	39.30	22.20	21	4.8
1954	06	05	14	05	32.0	39.30	22.20	37	5.0
1954	08	05	03	48	22.0	39.50	22.00	12	4.7
1954	12	02	18	29	47.0	39.40	22.60	6	5.0
1955	01	03	01	07	10.9	39.19	22.27	41	5.6
1955	01	08	07	53	09.0	39.27	22.17	52	5.0
1955	02	21	19	46	44.0	39.40	23.10	4	4.7
1955	02	22	09	43	00.0	39.40	23.10	7	4.8

1955	04	19	16	47	23.8	39.31	23.06	15	6.2
1955	04	21	07	18	18.0	39.30	23.00	5	5.8
1955	04	21	09	00	00.0	39.30	23.10	5	4.6
1955	05	13	19	54	32.0	39.30	23.00	8	4.6
1956	04	25	08	11	00.0	39.20	22.20	12	4.5
1956	05	18	22	08	36.7	39.03	22.63	52	5.1
1956	06	26	06	27	40.0	39.50	22.20	10	4.3
1956	11	02	16	04	36.1	39.35	23.11	5	5.2
1957	03	08	12	14	18.7	39.34	22.68	18	6.5
1957	03	08	12	21	18.7	39.34	22.66	30	6.8
1957	03	08	12	54	06.0	39.34	22.68	18	4.9
1957	03	08	20	30	40.0	39.34	22.46	15	4.6
1957	03	08	20	38	01.6	39.34	22.85	23	5.0
1957	03	08	23	35	17.3	39.41	22.76	41	6.0
1957	03	09	04	01	42.0	39.34	22.66	15	4.6
1957	03	11	09	31	14.0	39.50	22.80	28	5.1
1957	03	11	13	26	50.0	39.30	22.60	18	4.6
1957	03	11	13	39	36.0	39.50	22.80	21	4.7
1957	03	26	23	23	30.0	39.30	22.70	15	4.8
1957	03	28	22	26	07.4	39.34	22.68	30	5.1
1957	05	12	07	52	31.0	39.30	22.70	15	4.5
1957	05	13	06	34	33.0	39.40	22.60	15	4.3
1957	05	21	13	24	25.2	39.42	22.81	37	5.4
1957	06	27	07	10	55.0	39.40	22.70	25	4.5
1957	07	13	03	31	41.0	39.40	22.70	17	4.4
1957	09	20	02	19	10.0	38.50	23.00	20	4.8
1957	10	18	01	50	53.3	38.34	21.98	24	4.7
1957	11	09	23	55	58.5	38.57	22.54	23	4.8
1957	11	26	08	15	33.3	39.44	22.71	57	5.0
1957	11	26	11	50	12.0	39.37	22.64	47	5.0
1957	11	27	03	08	12.1	39.37	22.65	42	5.3
1958	02	16	16	30	10.0	38.30	21.80	08	4.9
1958	03	29	03	00	42.0	38.20	22.50	07	4.2
1958	05	15	14	46	11.0	38.20	22.10	10	4.3
1961	01	28	07	18	17.0	39.40	22.00	33	4.9
1961	09	05	01	16	52.0	38.50	23.60	12	4.6
1962	01	07	15	05	54.0	37.90	22.90	23	4.9
1962	01	19	19	38	02.7	38.35	22.25	35	5.3

1962	01	19	22	18	28.0	38.38	22.15	40	4.9
1962	05	19	20	48	29.0	37.80	22.50	7	4.9
1962	08	28	10	59	57.4	37.80	22.88	95	6.6
1962	10	04	19	46	12.1	37.93	22.36	53	5.0
1963	07	05	14	21	27.0	38.90	22.90	20	4.9
1964	02	18	08	35	15.0	37.80	23.70	52	4.4
1964	04	29	17	00	01.3	39.14	23.55	15	5.0
1964	07	17	02	34	26.7	38.05	23.63	155	6.0
1964	12	01	10	21	03.3	38.53	22.45	48	4.7
1965	01	10	08	02	51.7	38.70	22.00	46	4.3
1965	02	20	22	47	08.6	38.40	22.10	06	4.3
1965	03	13	04	09	37.9	39.03	23.68	33	5.3
1965	03	31	09	47	26.3	38.38	22.26	45	6.6
1965	03	31	12	01	11.7	38.47	22.23	78	4.9
1965	06	03	18	31	51.0	39.72	23.21	33	4.8
1965	07	06	03	18	42.1	38.37	22.40	18	6.4
1965	09	11	04	49	12.8	39.07	22.09	42	4.3
1965	10	28	04	27	12.9	38.41	22.37	29	4.3
1966	01	17	20	04	58.6	38.12	22.00	62	4.4
1966	01	31	04	30	57.0	39.05	21.90	51	4.4
1966	02	05	02	01	45.3	39.10	21.74	16	6.2
1966	02	05	02	11	08.0	39.17	21.89	21	4.9
1966	02	05	02	58	01.2	39.11	21.91	50	5.0
1966	02	10	13	21	45.9	38.95	21.70	39	4.3
1966	02	17	10	41	25.8	38.89	21.88	38	5.3
1966	04	19	12	26	51.1	38.00	22.00	01	4.0
1966	07	24	01	27	39.0	38.98	21.94	15	4.3
1966	08	06	18	32	32.0	37.90	22.20	25	4.3
1966	08	11	04	34	13.0	38.74	21.76	06	4.6
1966	09	01	12	35	34.0	38.03	22.81	39	4.6
1966	09	05	22	34	13.3	38.40	21.90	15	4.2
1966	09	23	23	47	58.1	38.60	21.73	47	4.5
1966	09	24	20	21	17.5	38.06	22.15	71	4.2
1966	10	21	16	17	04.0	39.53	22.11	57	4.6
1967	01	04	05	58	52.5	38.37	22.04	1	5.5
1967	01	04	07	10	14.0	38.29	22.13	24	4.3
1967	06	11	05	35	05.0	38.14	22.91	40	4.4
1967	06	12	01	29	09.5	38.08	22.90	47	4.4

1967	06	12	02	51	05.8	38.15	22.77	35	5.0
1967	06	12	11	00	16.0	38.04	22.75	05	4.3
1967	09	03	07	46	21.8	38.23	22.00	45	4.4
1967	10	24	06	14	44.7	38.91	21.96	37	4.4
1968	05	28	21	31	41.3	38.78	23.57	10	4.2
1968	07	24	20	56	21.1	38.40	21.91	36	4.5
1969	01	13	05	46	40.4	38.31	22.52	46	4.9
1969	02	21	18	39	57.0	39.14	21.87	33	4.6
1969	04	14	05	11	45.5	38.90	21.79	36	4.5
1969	05	16	07	27	01.1	39.13	21.82	39	5.1
1969	07	03	09	42	02.0	38.41	22.05	28	4.5
1969	07	17	23	01	16.0	38.91	23.56	01	4.0
1969	08	13	04	06	03.0	38.37	21.75	24	4.5
1969	10	02	23	13	40.6	38.47	22.29	45	4.7
1969	12	19	23	54	40.5	38.92	22.00	65	4.3
1970	04	08	13	50	28.3	38.34	22.56	23	6.2
1970	04	11	01	03	11.3	38.17	22.77	55	4.4
1970	04	11	04	07	43.3	38.22	22.73	62	4.3
1970	04	20	15	39	31.6	38.27	22.66	38	5.3
1970	05	08	18	30	42.7	38.67	22.30	58	4.4
1970	05	12	22	49	03.2	38.21	22.55	39	4.9
1970	06	17	05	59	58.0	38.38	22.14	3	4.4
1970	08	18	17	40	17.9	39.16	21.78	38	4.5
1970	08	28	14	58	16.0	38.20	22.00	01	4.5
1970	10	01	22	21	56.9	38.04	22.85	35	4.9
1970	10	01	22	38	37.2	38.02	22.77	43	5.3
1970	11	30	09	49	02.3	39.06	21.94	38	4.4
1971	01	17	05	59	24.0	39.06	21.86	8	4.2
1971	02	09	21	20	35.3	38.13	22.77	40	4.4
1971	06	05	19	55	52.0	38.40	21.86	2	4.3
1971	06	20	02	04	07.4	39.06	21.85	35	4.3
1971	09	11	02	03	11.5	38.87	22.31	5	4.4
1971	09	26	05	44	31.7	37.83	21.99	48	4.3
1971	12	02	06	00	28.6	39.28	22.04	01	4.0
1972	03	16	03	35	35.9	37.89	23.43	142	4.3
1972	04	19	03	39	20.0	39.13	21.72	01	4.0
1972	04	26	21	14	11.1	38.24	22.43	81	4.5
1972	06	15	00	33	24.9	38.34	22.20	335	

1972	06	15	09	25	26.3	38.33	22.52	76	4.2
1972	09	13	04	13	19.7	37.96	22.38	75	6.2
1972	10	31	11	30	54.0	38.30	22.10	64	4.0
1972	11	24	01	35	27.5	38.83	22.32	37	4.5
1972	11	25	15	20	49.7	38.49	22.42	48	4.1
1972	12	05	12	00	15.0	39.14	23.64	39	4.4
1973	03	06	12	21	34.7	38.77	23.56	35	4.1
1974	01	29	15	12	44.8	38.29	21.85	34	4.3
1974	02	17	05	03	09.0	37.96	21.87	39	4.0
1974	02	23	01	28	47.0	38.02	22.00	40	4.4
1974	09	30	08	23	00.1	38.31	22.02	1	4.1
1974	11	14	13	22	34.7	38.50	23.08	27	5.0
1974	11	14	14	26	46.6	38.48	23.01	6	5.1
1974	11	14	15	29	46.8	38.50	23.15	35	5.0
1974	12	01	06	21	19.0	38.59	23.10	31	4.0
1974	12	02	23	02	19.0	38.42	22.31	34	4.9
1974	12	02	23	09	32.4	38.41	22.33	38	4.1
1975	01	01	10	45	44.8	38.22	22.76	51	4.5
1975	01	06	20	07	00.0	37.91	22.04	18	4.1
1975	01	08	19	28	11.3	38.14	23.00	53	4.3
1975	01	08	19	32	34.1	38.24	22.65	26	5.7
1975	01	08	19	58	16.0	38.10	22.75	33	4.5
1975	01	24	07	38	41.1	38.26	21.89	41	4.0
1975	03	29	15	38	50.0	38.09	22.68	40	4.1
1975	04	01	08	20	02.0	38.53	23.25	8	4.4
1975	04	04	05	16	16.5	38.11	21.98	56	5.7
1975	04	18	20	59	10.4	39.01	23.42	3	4.2
1975	05	13	00	22	53.0	38.19	22.72	45	4.6
1975	05	19	03	26	20.4	38.34	22.34	26	4.7
1975	06	29	17	36	57.0	38.47	21.73	39	4.1
1975	07	02	04	48	31.3	38.47	21.79	1	4.0
1975	07	25	19	17	11.9	38.41	21.87	38	4.9
1975	09	13	14	30	37.6	38.47	22.02	40	4.9
1975	10	12	08	23	12.6	37.91	23.12	35	5.0
1975	10	16	17	45	49.3	38.28	21.95	40	4.0
1975	12	21	21	05	15.0	38.38	21.85	1	4.2
1975	12	31	06	34	04.0	38.42	21.70	28	4.1
1975	12	31	14	53	42.0	38.45	21.70	26	4.5

1975	12	31	15	14	36.2	38.38	21.76	1	4.2
1976	01	01	00	04	06.0	38.42	21.72	18	4.7
1976	01	01	02	19	19.9	38.42	21.70	40	4.0
1976	01	02	22	44	42.0	38.42	21.78	1	4.6
1976	01	03	13	16	27.4	38.41	21.81	14	4.5
1976	01	03	13	50	08.0	38.36	21.77	2	4.0
1976	01	03	15	03	53.8	38.39	21.79	37	4.5
1976	01	03	15	44	11.1	38.39	21.70	37	4.0
1976	01	14	10	31	02.3	38.39	21.95	10	4.6
1976	01	27	23	21	32.6	38.22	22.32	10	4.0
1976	02	22	12	02	53.0	39.38	22.08	19	5.1
1976	02	22	22	01	48.8	39.39	22.13	34	4.8
1976	02	22	22	54	34.8	39.39	22.14	23	4.8
1976	02	22	22	56	34.2	39.33	21.91	69	4.3
1976	06	05	20	30	11.5	38.58	22.21	51	4.0
1976	06	05	22	21	55.1	37.82	21.93	79	4.3
1976	06	20	04	51	17.0	38.53	22.12	51	4.7
1976	07	02	05	16	42.4	39.23	21.72	36	4.9
1976	08	19	22	36	24.8	39.08	22.07	41	4.3
1976	10	17	00	22	24.0	38.56	23.10	10	4.0
1976	10	17	00	27	27.0	38.61	23.06	2	4.0
1976	10	27	00	38	45.0	38.20	22.42	32	4.2
1976	12	30	15	12	38.4	37.83	22.85	35	4.9
1977	01	16	09	16	48.8	37.84	22.95	45	4.9
1977	04	05	17	15	08.9	39.28	23.30	43	4.2
1977	05	13	16	14	34.0	39.06	23.69	23	4.1
1977	05	13	18	17	44.5	39.13	23.52	1	4.9
1977	12	29	16	52	58.8	38.29	22.25	37	5.0
1978	01	26	08	29	48.1	39.27	22.99	55	4.0
1978	01	31	06	39	19.3	39.34	22.91	39	4.5
1978	04	27	08	33	30.0	38.99	21.94	36	5.5
1978	05	18	00	18	49.2	38.30	21.79	26	4.1
1978	08	23	21	46	51.8	38.06	22.05	58	4.1
1978	09	09	16	32	01.1	38.45	23.22	23	4.6
1979	01	25	13	20	18.8	38.57	23.67	9	4.0
1979	01	26	20	11	33.4	38.62	23.57	5	4.0
1979	02	07	10	16	48.3	39.56	23.26	42	4.7
1979	03	01	02	50	32.8	39.29	23.28	1	4.1

1979	06	08	20	47	41.1	38.44	23.14	10	4.5
1979	06	21	02	09	53.0	39.03	22.21	24	4.2
1979	06	23	20	07	39.3	38.76	23.34	7	4.0
1979	06	26	15	34	30.6	38.81	23.27	4	4.6
1979	07	02	15	43	22.5	38.08	22.90	44	4.6
1979	08	26	17	12	36.5	39.09	22.13	103	3.8
1979	09	20	19	06	45.0	37.81	22.39	18	4.0
1979	09	20	21	45	24.3	37.82	22.25	18	4.0
1979	09	21	01	59	47.0	37.90	22.70	10	4.1
1979	11	27	10	27	17.7	38.77	22.00	10	4.0
1980	01	02	18	04	17.8	39.19	22.98	10	4.3
1980	01	02	18	52	37.0	39.31	22.96	2	4.6
1980	01	04	22	00	48.4	39.27	23.01	10	4.0
1980	01	21	07	15	52.5	39.29	23.03	10	
1980	01	21	07	47	03.1	39.30	22.91	38	4.7
1980	01	25	23	08	15.4	39.21	23.03	1	4.3
1980	02	28	23	45	16.6	38.17	23.23	30	4.8
1980	02	29	04	16	52.3	38.19	23.22	11	4.6
1980	04	24	19	33	43.4	38.28	23.28	39	4.3
1980	06	19	22	50	32.7	39.13	21.92	4	4.5
1980	07	02	02	38	00.6	38.33	22.00	39	4.7
1980	07	02	17	10	38.3	38.14	22.00	20	5.0
1980	07	04	20	20	16.3	39.29	22.93	36	5.0
1980	07	04	20	48	51.5	39.29	23.02	5	4.3
1980	07	05	05	34	36.7	39.24	22.98	13	4.5
1980	07	05	06	18	12.5	39.18	23.00	10	4.9
1980	07	05	08	06	10.2	39.29	22.89	44	4.6
1980	07	05	09	56	09.7	39.24	22.99	10	4.2
1980	07	06	05	34	42.9	39.25	22.89	23	5.1
1980	07	06	08	52	51.2	39.29	22.94	3	4.0
1980	07	07	16	04	42.3	39.30	22.94	41	4.8
1980	07	08	02	59	31.3	39.24	22.91	39	4.5
1980	07	09	02	10	20.4	39.26	22.93	35	5.4
1980	07	09	02	11	57.3	39.29	22.91	47	6.4
1980	07	09	02	18	15.5	39.30	22.89	7	4.1
1980	07	09	02	30	45.9	38.74	22.80	01	4.5
1980	07	09	02	35	51.6	39.23	22.59	31	6.1
1980	07	09	06	01	47.7	39.31	22.87	23	5.3

1980	07	09	06	11	07.4	39.22	22.95	01	4.7
1980	07	09	06	41	51.6	39.29	23.03	01	4.6
1980	07	09	10	34	13.1	39.21	22.90	3	4.0
1980	07	09	16	06	00.8	39.24	22.88	10	5.0
1980	07	10	16	00	23.7	39.32	23.07	5	4.1
1980	07	10	19	39	02.8	39.32	22.93	22	5.5
1980	07	12	08	51	54.0	39.29	23.03	12	4.3
1980	07	14	19	38	10.4	39.15	22.99	8	4.6
1980	07	14	22	39	27.6	39.27	23.08	25	4.1
1980	07	14	22	45	32.1	39.30	23.01	33	4.5
1980	07	15	00	31	42.0	39.28	23.07	22	4.5
1980	07	15	11	34	54.5	39.28	23.12	25	4.9
1980	07	15	21	42	26.2	39.23	22.78	44	4.1
1980	07	16	00	06	59.4	39.32	22.65	31	4.9
1980	07	16	03	11	48.1	39.21	22.75	41	4.1
1980	07	16	18	05	41.0	39.25	22.83	53	4.7
1980	07	17	02	50	34.9	39.29	23.02	56	4.6
1980	07	17	11	09	31.8	39.26	23.07	13	4.3
1980	07	17	14	13	43.9	39.28	23.13	6	4.7
1980	07	18	04	09	00.8	39.24	23.07	01	4.5
1980	07	22	02	06	55.7	39.33	22.94	9	4.3
1980	07	22	19	08	51.3	39.35	23.13	34	4.1
1980	07	23	16	06	39.0	39.30	22.99	10	4.0
1980	07	24	10	07	53.4	39.30	23.19	46	4.5
1980	07	24	10	44	12.3	39.29	23.04	10	4.7
1980	07	24	13	32	30.7	39.27	23.17	1	4.2
1980	07	24	22	31	30.8	39.26	23.14	20	4.2
1980	07	24	22	36	43.1	39.23	23.14	10	4.6
1980	07	26	03	28	38.9	39.28	22.96	9	4.0
1980	07	26	22	13	23.5	39.26	22.90	01	4.6
1980	07	28	20	39	07.0	39.26	23.08	37	4.0
1980	07	29	13	13	35.6	38.31	22.36	23	4.0
1980	07	29	20	41	31.2	39.31	23.01	34	5.1
1980	07	30	09	38	36.4	39.31	23.12	12	4.0
1980	08	05	10	03	04.6	39.19	22.79	10	4.6
1980	08	11	09	15	59.7	39.26	22.72	27	5.4
1980	08	12	01	41	05.5	39.29	22.72	31	4.7
1980	08	12	03	15	30.2	39.25	22.83	5	4.1

1980	08	12	13	11	18.4	39.24	22.86	2	4.1
1980	08	16	12	56	31.0	38.32	21.83	6	4.0
1980	09	26	04	19	20.6	39.27	22.76	42	4.7
1980	10	04	00	58	25.9	38.41	22.22	10	4.0
1980	10	21	02	35	43.3	39.29	23.05	4	4.5
1980	10	21	04	07	18.4	39.29	23.05	7	4.7
1980	11	14	11	12	52.1	39.28	23.09	11	4.0
1980	12	22	16	21	35.8	39.23	22.76	10	4.0
1980	12	30	12	40	35.7	39.34	23.17	40	4.2
1981	01	29	11	07	40.0	38.25	22.30	25	4.0
1981	02	24	20	53	37.0	38.23	22.97	18	6.6
1981	02	24	21	35	06.1	38.14	23.09	12	4.0
1981	02	24	22	26	18.3	38.18	23.05	01	4.0
1981	02	24	22	29	42.1	38.12	23.01	40	4.5
1981	02	24	23	01	53.1	38.18	23.03	07	4.0
1981	02	24	23	17	19.2	38.25	23.03	46	4.6
1981	02	25	01	00	23.3	38.11	23.21	33	4.0
1981	02	25	01	15	33.1	38.11	23.10	18	4.2
1981	02	25	01	57	57.2	38.14	23.12	22	5.1
1981	02	25	02	30	00.3	38.08	22.91	19	4.7
1981	02	25	02	35	53.5	38.17	23.12	30	6.3
1981	02	25	03	18	26.8	38.14	23.00	33	4.1
1981	02	25	03	38	59.8	38.12	22.90	23	4.6
1981	02	25	04	30	19.0	38.20	23.13	47	4.7
1981	02	25	05	08	16.4	38.19	23.20	34	5.1
1981	02	25	05	09	58.7	38.28	23.15	33	5.0
1981	02	25	06	08	43.9	38.18	23.12	40	4.7
1981	02	25	06	59	42.2	38.22	23.13	41	4.6
1981	02	25	10	07	43.7	38.26	23.10	35	4.5
1981	02	25	11	34	26.6	38.20	23.23	01	4.1
1981	02	25	13	48	06.5	38.20	22.99	36	4.8
1981	02	25	13	53	35.1	38.15	23.21	47	4.2
1981	02	25	20	27	59.3	38.14	22.92	43	4.4
1981	02	26	02	43	32.6	38.20	23.00	22	4.0
1981	02	26	02	58	33.3	38.09	23.05	22	4.0
1981	02	26	16	09	21.1	38.24	23.23	44	4.0
1981	02	26	19	30	47.0	38.21	23.17	11	4.7
1981	02	27	01	01	47.0	38.14	23.27	12	4.2

1981	02	27	01	11	14.7	38.25	23.19	21	4.2
1981	02	27	06	54	55.8	38.16	23.25	26	4.2
1981	02	28	13	00	54.0	38.15	23.27	38	4.7
1981	02	28	17	06	24.4	38.17	23.27	16	5.0
1981	03	01	05	11	59.7	38.08	23.01	45	4.6
1981	03	02	13	13	47.0	38.23	23.35	13	4.3
1981	03	03	10	27	09.0	38.10	23.22	11	4.2
1981	03	03	17	00	53.0	38.21	23.32	16	4.0
1981	03	03	17	01	43.4	38.30	23.30	01	4.4
1981	03	04	13	48	35.2	38.30	23.16	39	4.5
1981	03	04	18	21	38.9	38.19	23.30	37	4.3
1981	03	04	19	12	55.1	38.16	23.34	36	4.2
1981	03	04	21	58	07.2	38.24	23.26	21	6.4
1981	03	04	22	14	30.4	38.24	23.33	41	4.3
1981	03	04	22	31	08.0	38.21	23.24	22	4.6
1981	03	04	22	47	29.0	38.32	23.38	03	4.3
1981	03	04	22	56	46.0	38.21	23.25	25	4.2
1981	03	04	23	04	49.8	38.16	23.21	36	4.7
1981	03	04	23	17	52.0	38.21	23.25	25	4.0
1981	03	04	23	22	11.5	38.23	23.24	21	4.0
1981	03	04	23	59	21.6	38.25	23.42	28	4.2
1981	03	05	00	35	20.8	38.18	23.26	11	4.2
1981	03	05	00	50	37.7	38.15	23.25	02	4.4
1981	03	05	01	10	16.5	38.14	23.19	43	4.6
1981	03	05	02	53	48.6	38.32	23.45	19	4.0
1981	03	05	06	59	07.9	38.20	23.13	20	5.5
1981	03	05	10	29	46.1	38.17	23.29	03	4.6
1981	03	05	15	44	06.8	38.20	23.19	20	4.0
1981	03	05	19	05	08.3	38.21	23.12	03	4.0
1981	03	05	21	26	22.1	38.27	23.38	35	4.0
1981	03	05	21	54	39.6	38.20	23.34	40	4.4
1981	03	07	11	34	44.3	38.19	23.27	29	5.6
1981	03	07	11	51	37.0	38.19	23.21	28	4.7
1981	03	07	16	54	34.3	38.24	23.35	16	4.4
1981	03	07	20	12	58.7	38.21	23.26	09	4.0
1981	03	08	02	18	19.0	38.16	23.06	13	4.0
1981	03	08	11	52	45.6	38.26	21.79	47	4.3
1981	03	10	01	49	01.6	38.18	23.16	01	4.0

1981	03	10	03	06	15.8	38.05	23.01	13	4.0
1981	03	11	03	40	03.6	38.13	23.26	22	4.1
1981	03	11	07	34	13.4	38.18	23.33	42	4.1
1981	03	12	01	49	40.5	38.22	23.28	27	4.8
1981	03	16	01	52	13.8	38.13	23.14	22	4.7
1981	03	18	12	19	41.0	38.09	22.72	17	5.0
1981	03	18	13	38	04.1	38.12	22.74	38	4.4
1981	03	18	16	55	30.7	38.15	23.21	12	4.7
1981	03	19	15	18	46.8	38.20	23.29	02	4.2
1981	03	19	15	28	52.8	38.08	22.77	23	4.0
1981	03	23	21	45	12.2	38.11	22.01	70	4.0
1981	03	24	11	35	54.0	38.24	23.28	01	4.0
1981	03	26	14	40	14.6	38.16	23.11	37	4.1
1981	03	31	23	20	03.4	38.33	23.04	08	4.0
1981	04	13	08	11	53.1	38.13	23.46	13	4.3
1981	04	14	14	00	40.5	38.44	22.02	18	4.8
1981	04	18	08	07	08.8	38.28	23.18	38	4.3
1981	04	25	21	59	24.6	38.29	23.30	01	4.0
1981	04	28	07	19	59.7	38.37	22.45	15	4.1
1981	05	06	00	18	25.0	39.26	22.78	32	4.9
1981	05	06	17	12	07.0	39.10	21.77	06	4.1
1981	05	09	14	01	00.3	38.18	23.30	36	4.2
1981	05	31	04	29	20.5	38.14	23.25	26	4.7
1981	06	16	19	38	29.5	38.05	23.18	35	4.4
1981	06	17	12	17	54.9	38.13	23.15	22	4.1
1981	06	21	05	10	07.8	38.15	23.27	21	4.1
1981	06	29	22	02	09.8	38.32	23.39	40	4.0
1981	07	19	10	55	36.6	38.15	22.02	75	4.0
1981	07	19	22	13	42.6	38.23	23.12	25	4.0
1981	07	26	04	16	27.3	38.22	23.18	14	4.0
1981	08	27	04	44	49.4	38.16	23.22	17	4.1
1981	09	20	19	54	15.7	38.59	23.61	11	4.0
1981	09	23	23	10	02.4	38.30	23.30	30	4.0
1981	09	24	20	51	31.3	37.86	22.09	10	4.2
1981	10	11	20	01	18.8	38.17	23.01	10	4.0
1981	10	29	06	43	46.2	38.31	22.10	10	4.9
1981	11	10	07	11	38.7	38.26	22.05	1	4.4
1981	12	23	17	35	32.2	38.65	23.50	28	4.0

1982	01	09	07	59	42.3	38.44	21.94	10	4.4
1982	01	09	08	16	32.5	38.42	22.02	11	4.6
1982	01	17	19	59	07.7	38.31	23.30	1	4.0
1982	01	19	16	17	56.6	39.59	23.69	24	4.7
1982	01	28	11	16	56.8	39.19	22.81	10	4.0
1982	01	31	12	49	11.3	38.05	22.01	10	4.1
1982	02	07	19	54	30.2	38.21	21.81	12	4.2
1982	02	07	20	48	33.0	38.21	21.73	10	4.0
1982	02	21	19	43	07.0	39.57	23.57	2	4.0
1982	03	04	03	03	01.4	38.63	23.63	8	4.0
1982	03	24	23	54	10.8	38.16	22.70	41	4.1
1982	03	25	17	50	47.5	38.19	22.66	43	4.5
1982	03	27	22	45	32.0	38.15	22.68	9	4.1
1982	04	05	13	29	13.2	38.33	23.35	10	4.0
1982	05	06	02	32	39.2	39.23	22.04	10	4.3
1982	05	18	16	59	38.0	38.30	23.47	11	4.0
1982	05	18	17	20	14.8	38.28	23.43	16	4.0
1982	06	09	19	37	57.3	38.36	21.92	41	4.4
1982	06	11	02	57	14.3	39.55	23.68	8	4.2
1982	07	17	18	24	55.2	38.68	22.11	11	4.3
1982	07	26	08	28	06.2	38.27	23.17	14	4.3
1982	07	26	09	32	34.9	38.17	23.14	10	4.0
1982	07	29	22	08	47.6	38.08	23.23	8	4.2
1982	08	05	08	55	47.9	39.12	23.39	7	4.2
1982	08	05	11	05	44.0	39.28	22.95	28	4.5
1982	08	08	08	28	33.1	39.32	22.87	38	4.3
1982	08	10	14	38	46.8	39.29	22.90	11	4.0
1982	08	26	18	18	35.6	39.06	21.84	6	4.0
1982	09	10	04	48	32.4	38.13	22.78	8	4.2
1982	09	10	06	26	50.4	38.08	22.76	22	4.7
1982	09	10	06	29	47.5	38.11	22.79	38	4.9
1982	10	08	17	09	51.9	38.18	22.65	13	4.0
1982	11	08	18	29	33.9	38.16	22.27	24	4.2
1983	01	19	03	07	58.0	38.80	23.20	10	4.0
1983	01	21	05	49	10.1	39.27	23.06	10	4.1
1983	01	30	17	06	37.3	38.16	21.91	21	4.5
1983	02	04	05	51	34.0	38.16	22.25	7	4.6
1983	04	11	17	23	07.0	37.95	21.93	16	4.3

1983	05	03	04	37	50.2	39.36	23.02	10	4.0
1983	05	08	22	44	50.0	38.17	22.25	22	4.5
1983	05	14	03	41	58.0	38.13	22.19	4	4.0
1983	08	12	17	17	26.2	38.11	22.23	18	4.8
1983	09	11	10	49	58.9	38.73	22.39	18	4.0
1983	09	19	01	18	13.2	38.73	22.47	11	4.7
1983	09	19	01	29	56.8	38.75	22.40	20	4.3
1983	10	07	04	14	04.2	37.98	23.27	136	4.8
1983	10	09	21	26	57.3	39.15	22.12	17	4.0
1983	10	31	14	04	13.0	38.15	22.94	120	4.0
1983	11	09	09	57	42.6	38.97	23.40	10	4.0
1984	01	2	07	07	26.9	38.34	22.15	10	4.7
1984	01	3	01	04	58.4	38.22	22.15	7	4.0
1984	01	3	14	43	53.0	38.34	22.11	1	4.0
1984	01	3	21	46	18.0	38.31	22.15	10	4.0
1984	01	18	03	06	32.6	38.18	22.26	7	4.0
1984	01	18	15	00	38.6	38.38	22.13	6	4.5
1984	01	22	07	09	52.0	38.99	22.24	15	4.0
1984	02	7	01	38	54.9	37.97	22.15	10	4.0
1984	02	11	08	02	50.5	38.38	22.08	23	5.5
1984	02	11	22	19	44.1	38.22	22.14	1	4.0
1984	02	11	23	48	27.0	38.28	22.21	10	4.4
1984	02	17	21	19	53.6	39.21	23.46	6	4.4
1984	02	25	05	44	22.3	38.30	21.80	25	5.1
1984	02	28	18	12	7.6	38.34	21.84	25	4.4
1984	04	18	04	39	38.1	38.85	22.14	19	4.3
1984	04	27	11	32	53.9	38.44	21.76	18	4.3
1984	05	2	03	21	40.1	38.35	21.95	19	4.0
1984	07	24	14	50	33.2	38.86	22.00	17	4.3
1984	08	17	21	22	58.2	38.21	22.68	24	4.6
1984	09	28	19	52	25.9	38.57	21.83	2	4.8
1984	10	29	02	05	40.3	39.05	22.03	25	4.0
1984	12	7	00	09	25.3	39.26	22.90	36	4.8
1984	12	23	01	59	54.4	37.83	22.35	67	4.0
1985	04	30	18	14	12.9	39.26	22.81	97	5.6
1985	06	20	02	58	31.5	39.26	22.97	44	4.2
1985	09	21	10	13	9.0	39.03	22.20	42	5.1
1986	01	1	17	52	32.1	38.79	21.88	27	4.7

1986	02	22	09	11	33.0	39.06	22.11	11	4.3
1986	04	7	02	57	24.5	38.88	23.38	18	4.2
1986	04	9	02	45	34.5	38.41	21.85	33	4.0
1986	05	22	05	52	30.0	38.16	23.22	40	4.6
1986	06	6	15	34	53.1	38.70	22.99	52	4.0
1986	07	5	09	52	44.6	37.88	22.45	90	4.6
1987	02	1	05	35	35.8	37.86	21.97	28	4.6
1987	03	1	12	17	46.2	39.01	22.28	46	4.3
1987	05	14	06	29	11.0	38.17	22.06	9	4.7
1987	11	30	04	19	26.9	39.29	22.82	45	4.5
1987	12	7	02	26	25.0	38.33	22.30	3	4.2
1988	01	03	10	53	27.2	38.31	21.93	31	3.3
1988	02	19	02	18	00.4	39.30	22.97	46	4.2
1988	02	24	18	34	45.0	38.99	22.28	19	3.2
1988	04	03	20	57	22.6	38.45	22.13	46	3.3
1988	04	05	06	24	31.0	38.50	21.98	10	3.5
1988	05	31	21	56	27.0	38.18	21.77	11	2.9
1988	06	22	01	27	27.6	38.27	22.33	10	2.9
1988	07	05	20	34	51.0	38.13	22.84	17	5.4
1988	07	12	02	26	54.1	38.75	23.45	18	4.7
1988	07	13	10	39	29.9	38.75	23.50	1	3.2
1988	07	14	12	05	51.8	38.76	23.52	15	3.6
1988	09	06	03	26	47.6	38.13	21.80	45	3.7
1988	09	11	21	45	23.9	38.12	23.22	24	4.8
1988	10	17	08	40	01.7	37.83	22.47	10	4.2
1988	10	17	17	26	56.3	37.84	22.56	1	3.9
1988	12	22	09	56	50.6	38.39	21.90	38	4.5
1989	02	17	02	24	05.9	38.70	22.63	47	4.0
1989	03	18	21	27	39.4	39.24	23.53	9	4.4
1989	03	19	00	19	20.6	39.25	23.53	7	4.7
1989	03	19	00	31	53.7	38.08	22.98	6	4.0
1989	03	19	05	36	59.2	39.24	23.50	10	5.7
1989	03	19	05	41	45.3	39.26	23.62	27	4.6
1989	03	19	05	48	53.4	39.28	23.58	48	3.9
1989	03	19	05	49	37.0	39.33	23.60	25	4.3
1989	03	19	05	57	43.9	39.29	23.57	38	4.0
1989	03	19	08	52	33.0	39.30	23.63	1	3.3
1989	03	19	09	16	44.3	39.22	23.62	8	3.7

1989	03	19	11	31	27.5	39.25	23.66	5	4.3
1989	03	20	04	53	25.3	39.25	23.62	7	4.7
1989	03	20	10	39	13.6	39.27	23.62	17	4.6
1989	03	25	23	19	29.9	39.05	22.39	19	3.3
1989	04	12	10	05	42.2	38.10	22.03	2	4.6
1989	04	12	13	53	28.0	38.11	22.06	3	4.2
1989	04	12	19	24	00.6	38.10	21.97	8	4.2
1989	04	12	21	43	50.1	39.28	23.58	7	4.4
1989	04	18	00	47	58.0	39.29	23.61	10	4.0
1989	04	21	12	10	44.4	38.36	22.14	10	3.9
1989	04	23	02	25	04.9	39.24	23.66	7	4.6
1989	04	23	19	51	23.0	39.22	23.67	4	5.0
1989	04	28	04	02	37.2	39.29	23.61	16	4.7
1989	04	28	15	29	36.2	39.26	23.63	10	3.0
1989	04	30	05	10	59.7	39.29	23.59	11	4.3
1989	05	02	23	09	14.6	39.28	23.54	22	5.4
1989	05	02	23	16	23.1	39.25	23.56	20	3.7
1989	05	07	10	36	20.2	38.33	22.72	10	4.2
1989	05	07	10	46	48.6	38.29	22.72	19	4.2
1989	05	15	09	22	41.2	38.31	21.82	21	4.8
1989	05	21	03	53	39.0	38.26	21.74	10	2.9
1989	05	25	04	03	23.0	38.24	21.91	10	2.9
1989	06	17	20	56	10.2	37.99	21.98	44	3.9
1989	07	26	00	25	14.7	38.13	23.21	1	3.7
1989	08	01	02	23	30.0	39.22	23.68	9	4.4
1989	08	01	03	21	37.2	38.29	22.24	10	4.2
1989	08	31	21	29	30.8	38.06	21.76	32	4.3
1989	10	16	01	06	10.5	38.35	21.91	1	3.2
1989	11	06	06	33	28.5	38.06	23.01	4	4.6
1989	11	14	00	34	18.9	38.27	22.14	67	3.7
1990	01	05	00	29	50.2	38.33	22.17	10	3.7
1990	01	27	19	52	39.0	38.54	23.55	9	3.9
1990	03	02	18	08	34.0	39.03	23.68	11	4.4
1990	03	09	21	27	58.0	37.86	23.12	15	3.0
1990	03	22	07	26	13.4	38.32	21.87	9	3.2
1990	04	07	07	45	32.0	38.90	21.95	0	3.5
1990	04	07	09	01	00.0	38.88	21.96	19	2.5
1990	04	07	11	41	50.9	38.88	21.97	17	2.4

1990	04	07	13	45	41.1	38.84	21.98	14	3.6
1990	04	07	14	05	02.1	38.90	21.86	8	2.8
1990	04	07	18	38	49.0	38.85	21.98	12	4.2
1990	04	07	23	57	15.0	38.82	21.96	12	2.5
1990	04	08	06	59	56.0	38.82	21.93	2	3.2
1990	04	09	04	52	32.0	38.85	21.96	2	2.8
1990	04	09	04	56	39.6	38.84	21.95	18	4.4
1990	04	09	06	14	08.0	38.83	22.01	9	3.3
1990	04	09	07	47	52.4	38.76	22.02	11	2.7
1990	04	09	09	43	44.0	38.77	22.01	20	3.0
1990	04	13	16	58	29.0	38.86	21.87	1	2.7
1990	05	04	09	39	10.4	39.32	23.20	10	3.2
1990	05	05	19	47	02.5	38.01	22.78	11	2.8
1990	05	07	03	11	00.8	38.35	21.82	45	3.3
1990	05	17	08	44	05.6	38.43	22.21	39	4.7
1990	05	17	10	27	12.0	38.37	22.27	2	3.6
1990	06	09	12	30	27.1	39.21	23.66	24	4.4
1990	06	09	13	51	52.0	39.22	23.66	1	3.0
1990	06	09	22	46	22.6	39.21	23.66	12	4.3
1990	06	17	13	44	56.7	39.20	23.62	17	3.7
1990	06	23	14	10	42.7	39.05	22.25	14	3.0
1990	06	24	04	47	53.0	38.16	23.49	19	3.5
1990	07	03	00	13	10.6	38.38	21.79	5	3.7
1990	09	20	03	27	43.6	38.06	22.91	10	3.9
1990	09	27	21	10	07.6	38.00	23.53	171	4.2
1990	10	12	05	36	16.2	38.17	23.14	16	4.2
1990	11	04	09	29	14.8	38.10	22.10	10	3.7
1990	11	11	12	30	50.0	38.32	21.91	1	2.8
1990	11	11	16	28	05.0	38.98	22.68	9	3.1
1990	11	14	22	27	57.9	38.90	21.72	7	2.9
1991	01	09	23	42	10.7	38.35	22.08	5	3.9
1991	03	14	19	05	21.9	38.31	22.10	10	3.3
1991	04	07	22	33	04.1	38.06	22.08	10	3.2
1991	04	23	02	18	29.1	39.43	23.00	19	2.8
1991	04	26	16	25	01.0	39.32	23.21	17	2.8
1991	05	19	17	21	53.0	38.38	21.87	1	3.5
1991	06	14	09	42	19.9	39.16	23.48	6	3.5
1991	06	15	01	11	44.4	39.15	23.47	10	4.2

1991	06	16	17	21	06.3	38.43	21.82	26	4.8
1991	07	02	09	12	37.3	38.19	22.32	12	3.2
1991	08	04	18	23	38.2	38.29	22.61	37	2.9
1991	09	18	17	08	17.8	38.30	21.92	10	3.7
1991	10	20	05	35	20.0	38.36	21.80	11	4.0
1991	10	25	21	24	41.5	38.32	22.24	36	4.8
1991	12	12	03	37	40.0	38.40	21.87	5	3.5
1991	12	14	18	20	37.2	38.18	23.02	4	3.2
1991	12	18	02	57	53.1	38.38	22.16	2	3.7
1992	01	29	18	14	24.0	38.87	22.34	13	2.6
1992	03	17	16	36	15.0	39.12	22.12	14	3.2
1992	04	21	21	13	32.0	38.42	22.31	3	2.8
1992	05	19	16	30	52.0	38.01	22.61	11	3.3
1992	05	26	05	27	06.0	38.22	23.05	6	3.2
1992	06	19	11	01	02.7	38.40	21.98	10	2.9
1992	06	26	06	00	04.3	38.34	21.78	11	3.2
1992	11	18	21	10	43.1	38.27	22.33	23	5.6
1993	02	4	02	22	55.9	38.16	22.62	5	5.0
1993	03	18	15	47	1.5	38.26	22.20	51	5.3
1993	07	14	12	31	50.2	38.16	21.76	13	5.5
1993	11	4	05	18	36.3	38.37	21.94	5	5.0
1993	11	22	14	12	40.2	38.14	22.82	33	4.8
1995	05	28	19	56	40.7	38.37	21.96	1	4.5
1995	06	15	00	15	51.0	38.37	22.15	26	6.0
1995	06	15	00	30	52.9	38.33	21.93	5	5.6
1995	06	15	04	51	20.8	38.26	22.15	19	4.5
1995	07	05	18	24	38.1	38.38	22.10	5	4.6
1995	08	13	05	17	30.4	38.07	22.80	13	4.6
1995	09	28	06	17	31.2	38.16	22.00	47	5.2