

Table S1. List of the 206 earthquakes comprising the analyzed set of this work. In the header "**Lon**" and "**Lat**" are the epicentral coordinates; "**Depth lower limit**" and "**Depth higher limit**" are the hypocenter depth uncertainty limits calculated using the confidence bands of eq. 3 (see. Fig. 5); "**Std Err**" is the standard error of the attenuation steepness; "**l_e**" is the expected intensity at the epicenter; "**N. of averaged points**" is the number of intensity data points obtained by averaging the intensity values (if present) of the moving windows within 55 km from epicenter (see Fig. 2); "**Azimuth range**" is the azimuth range for which MDPs are present in the range of 10 - 55 km from epicenter; "**Mw lower limit**" and "**Mw higher limit**" are calculated applying the eq.4 to the lower and higher depth limit. The unit of the "**Steepness**" and of the "**Std Err**" is intensity/km. "**Inferred hypocentral depth**" is calculated using Eq. 5. The "**Mw y-intercept**" is calculated using Eq. 4. An asterisk in the field **l_e** indicates that for the relevant earthquake we used the extended source approach, i.e. we corrected the **l_e** value shown here using a geometric correction ($l_e = l_c - S/R_e$) to obtain a more reliable **Mw** (for further details please refer to Sect. 3.8). **M₀** is calculated using Hanks e Kanamori (1979) formula. Eq. 3 and Eq. 5 can be applied for a steepness interval $0.058 \leq S \leq 0.010$, which corresponds to the depth interval 5.0 - 73.0 km, respectively. Uncertainties of depth and magnitude were not calculated in these cases. We used Eq.4 on the analysed set even beyond the application limits of **l_e** to still estimate an indicative magnitude (in these cases **Mw** y-intercept is marked with an asterisk).

ID	Event date	DBMI Id	Lon	Lat	M _w (CPT15)	Inferred Hypocentral Depth (km)	Depth lower limit	Depth higher limit	MDP (within 55 km)	MDP (all distances)	Steepness	Std Err	l _e	N. of averaged points	Azimuth range	M _w (y-intercept this work)	M ₀ lower limit	M ₀ higher limit	M ₀ CPT15 (N°m)	M ₀ y-intercept (N°m)
1	December 5, 1456	14561205_0000_000	14.711	41.302	7.19	35.24	28.54	46.57	107	199	0.023	0.0073	9.504*	7	330	7.16*	7.12	7.21	6.10E+19	5.50E+19
2	March 26, 1511	15110326_1440_000	13.216	46.209	6.32	17.05	14.23	20.22	61	120	0.036	0.0096	8.058	10	190	6.46	6.43	6.49	3.02E+18	4.90E+18
3	July 30, 1627	16270730_1050_000	15.342	41.737	6.66	≤ 5	-	-	39	64	0.063	0.0062	9.902*	7	230	6.64*	-	-	9.77E+18	9.12E+18
4	March 27, 1638	16380327_1505_000	16.289	39.048	7.09	12.85	10.42	15.33	184	213	0.041	0.0074	10.011*	7	250	6.91*	6.87	6.94	4.32E+19	2.32E+19
5	June 8, 1638	16380608_0945_000	16.812	39.279	6.76	11.59	9.14	13.80	40	41	0.043	0.0063	9.718*	7	180	6.89*	6.85	6.92	1.38E+19	2.16E+19
6	November 5, 1659	16591105_2215_000	16.249	38.694	6.57	24.13	19.96	29.20	120	126	0.03	0.0055	8.907*	8	270	6.78*	6.75	6.82	7.16E+18	1.48E+19
7	March 22, 1661	16610322_1250_000	11.898	44.021	6.05	≤ 5	-	-	74	79	0.077	0.0093	8.823	10	250	6.67*	-	-	1.19E+18	1.01E+19
8	September 8, 1694	16940908_1140_000	15.406	40.862	6.73	≤ 5	-	-	133	251	0.058	0.006	9.752*	7	350	6.67*	-	-	1.24E+19	1.01E+19
9	June 11, 1695	16950611_0220_000	12.11	42.613	5.8	49.71	38.10	70.71	45	50	0.017	0.0095	6.927	9	190	6.02	5.97	6.09	5.01E+17	1.07E+18
10	January 14, 1703	17030114_1800_000	13.071	42.708	6.92	5.82	4.00	7.68	161	197	0.055	0.008	9.506*	8	310	6.65*	6.58	6.70	2.40E+19	9.44E+18
11	February 2, 1703	17030202_1105_000	13.292	42.434	6.67	28.48	23.36	35.52	54	69	0.027	0.0074	9.193*	8	180	6.97*	6.93	7.01	1.01E+19	2.85E+19
12	November 3, 1706	17061103_1300_000	14.08	42.076	6.84	19.09	15.99	22.75	86	99	0.034	0.0074	9.246*	8	330	6.86*	6.83	6.90	1.82E+19	1.95E+19
13	May 12, 1730	17300512_0500_000	13.12	42.753	6.04	≤ 5	-	-	109	115	0.08	0.0099	8.633	10	260	6.56*	-	-	1.15E+18	6.92E+18
14	November 29, 1732	17321129_0740_000	15.059	41.064	6.75	9.37	6.98	11.28	167	183	0.047	0.0043	8.812*	8	330	6.49*	6.44	6.52	1.33E+19	5.43E+18
15	April 24, 1741	17410424_0900_000	13.005	43.425	6.17	34.94	28.54	46.57	110	135	0.023	0.0042	7.601	10	320	6.34	6.30	6.39	1.80E+18	3.24E+18
16	June 3, 1781	17810603_0000_000	12.512	43.596	6.51	10.36	7.99	12.47	142	157	0.045	0.009	8.241	10	280	6.48*	6.43	6.51	5.82E+18	5.25E+18
17	February 7, 1783	17830207_1310_000	16.201	38.58	6.74	≤ 5	-	-	139	191	0.097	0.0066	9.847*	7	290	6.26*	-	-	1.29E+19	2.45E+18
18	March 28, 1783	17830328_1855_000	16.464	38.785	7.03	5.74	3.72	7.33	195	323	0.056	0.007	9.587*	7	270	6.63*	6.55	6.67	3.51E+19	8.81E+18
19	October 13, 1791	17911013_0120_000	16.268	38.636	6.14	7.88	5.68	9.75	69	76	0.05	0.0094	7.94	10	190	6.26	6.20	6.30	1.62E+18	2.45E+18
20	July 28, 1799	17990728_2205_000	13.151	43.193	6.18	6.22	4.29	8.06	65	70	0.054	0.0031	8.601	8	180	6.59*	6.52	6.63	1.86E+18	7.67E+18
21	May 12, 1802	18020512_0930_000	9.839	45.424	5.6	11.1	8.55	13.11	56	94	0.044	0.0073	6.797	10	200	5.68	5.63	5.71	2.51E+17	3.31E+17
22	July 26, 1805	18050726_2100_000	14.474	41.5	6.68	7.25	5.29	9.29	135	220	0.051	0.007	9.126*	8	320	6.56*	6.51	6.61	1.05E+19	6.92E+18
23	April 2, 1808	18080402_1643_000	7.248	44.838	5.64	17.47	14.23	20.22	68	105	0.036	0.0047	7.104	10	230	5.93	5.90	5.96	2.88E+17	7.85E+17
24	February 20, 1818	18180220_1815_000	15.14	37.603	6.28	27.08	22.19	33.25	98	128	0.028	0.004	8.115	10	190	6.58*	6.54	6.62	2.63E+18	7.41E+18
25	October 9, 1828	18281009_0220_000	9.047	44.821	5.72	23.49	19.96	29.20	73	110	0.03	0.0057	7.337	10	290	6.12	6.09	6.16	3.80E+17	1.51E+18
26	March 8, 1832	18320308_1830_000	16.919	39.079	6.65	8.66	6.52	10.74	63	99	0.048	0.0037	9.047*	8	190	6.57*	6.52	6.61	9.44E+18	7.16E+18
27	February 14, 1834	18340214_1315_000	9.859	44.432	5.96	≤ 5	-	-	100	112	0.063	0.0094	7.572	9	230	5.97	-	-	8.71E+17	9.02E+17
28	August 14, 1846	18460814_1200_000	10.562	43.47	6.04	≤ 5	-	-	92	121	0.081	0.0094	8.1	10	260	6.27	-	-	1.15E+18	2.54E+18
29	December 16, 1857	18571216_2115_001	15.842	40.352	7.12	11.08	8.55	13.11	153	340	0.044	0.0065	9.417*	7	340	6.73*	6.68	6.76	4.79E+19	1.24E+19
30	March 12, 1873	18730312_2004_000	13.244	43.089	5.85	13.67	11.11	16.17	32	196	0.04	0.0068	7.281	10	190	5.99	5.95	6.02	5.96E+17	9.66E+17
31	June 29, 1873	18730629_0358_000	12.383	46.159	6.29	6.14	4.29	8.06	104	197	0.054	0.0061	8.16	10	240	6.34*	6.27	6.39	2.72E+18	3.24E+18
32	July 12, 1873	18730712_0606_000	13.778	41.686	5.38	8.26	6.08	10.24	44	61	0.049	0.0067	6.881	10	190	5.67	5.62	5.71	1.17E+17	3.20E+17
33	August 24, 1877	18770824_0245_000	13.351	41.71	5.21	28.71	23.36	35.52	44	54	0.027	0.0089	5.838	10	200	5.31	5.28	5.35	6.53E+16	9.23E+16
34	September 5, 1886	18860905_0000_000	7.306	45.036	5.22	31.13	25.85	40.63	73	101	0.025	0.0061	5.894	10	280	5.36	5.33	5.41	6.76E+16	1.10E+17
35	February 23, 1887	18870223_0521_000	7.992	43.891	6.27	37.43	29.97	49.88	237	1511	0.022	0.0028	7.663	10	200	6.38	6.34	6.44	2.54E+18	3.72E+18
36	November 14, 1887	18871114_0548_000	11.219	43.749	4.47	≤ 5	-	-	90	101	0.079	0.0045	5.172	10	310	4.63	-	-	5.07E+15	8.81E+15
37	December 3, 1887	18871203_0345_000	16.221	39.564	5.55	≤ 5	-	-	78	142	0.062	0.0065	7.049	10	260	5.68	-	-	2.11E+17	3.31E+17
38	May 9, 1891	18910509_0016_000	13.486	41.804	4.42	27.02	22.19	33.25	36	41	0.028	0.007	4.791	10	190	4.72	4.68	4.75	4.27E+15	1.20E+16
39	June 7, 1891	18910607_0106_000	11.165	45.564	5.87	13.43	11.11	16.17	184	403	0.04	0.0066	6.456	10	330	5.52	5.49	5.56	6.38E+17	1.91E+17
40	June 15, 1891	18910615_0000_000	10.767	45.43	4.69	58.84	43.89	72.40	33	35	0.014	0.0098	4.508	8	180	4.7	4.65	4.74	1.08E+16	1.12E+16
41	January 5, 1892	18920105_0000_000	10.471	45.592	4.96	10.32	7.99	12.47	54	93	0.045	0.0051	5.93	10	220	5.18	5.13	5.21	2.75E+16	5.89E+16
42	March 5, 1892	18920305_0000_000	7.797	45.569	4.98	9.38	6.98	11.28	72	86	0.047	0.0068	5.198	9	290	4.75	4.70	4.79	2.95E+16	1.33E+16
43	August 9, 1892	18920809_0758_000	11.204	45.566	4.91	≤ 5	-	-	104	160	0.066	0.0037	6.022	10	310	5.1	-	-	2.32E+16	4.47E+16
44	January 25, 1893	18930125_0000_000	15.36	40.513	5.15	5.07	3.23	6.68	66	134	0.058	0.0056	6.026	10	290	5.11	5.03	5.16	5.31E+16	4.62E+16
45	August 2, 1893	18930802_0059_000	13.002	42.608	4.55	6.13	4.29	8.06	60	84	0.054	0.0057	5.577	10	320	4.89	4.83	4.94	6.68E+15	2.16E+16
46	October 27, 1893	18931027_1631_000	12.265	46.18	4.42	8.64	6.52	10.74	32	54	0.048	0.0072	5.482	10	220	4.9	4.85	4.94	4.27E+15	2.24E+16
47	February 9, 1894	18940209_1248_000	11.14	45.584	4.74	≤ 5	-	-	76	116	0.066	0.0051	5.382	10	310	4.74	-	-	1.29E+16	1.29E+16

61	September 6, 1897	18970906_0310_000	10.667	43.79	4.59	12.85	10.42	15.33	55	104	0.041	0.0067	5.021	10	280	4.71	4.67	4.74	7.67E+15	1.16E+16
62	December 18, 1897	18971218_0724_000	12.382	43.498	5.09	≤ 5	-	-	60	132	0.066	0.0081	6.701	10	290	5.48	-	-	4.32E+16	1.66E+17
63	February 20, 1898	18980220_0457_000	13.478	46.105	5.12	14.31	11.83	17.07	77	155	0.039	0.0058	5.608	10	280	5.06	5.03	5.09	4.79E+16	3.89E+16
64	March 4, 1898	18980304_2105_000	10.26	44.655	5.37	9.22	6.98	11.28	87	313	0.047	0.0087	6.126	10	280	5.27	5.22	5.31	1.14E+17	8.04E+16
65	June 26, 1899	18990626_2317_000	11.117	43.958	5.02	≤ 5	-	-	80	138	0.06	0.0088	6.326	10	300	5.27	-	-	3.39E+16	8.04E+16
66	July 19, 1899	18990719_1318_000	12.686	41.798	5.1	≤ 5	-	-	53	122	0.06	0.0031	6.687	10	230	5.47	-	-	4.47E+16	1.60E+17
67	April 24, 1901	19010424_1420_000	12.736	42.1	5.25	≤ 5	-	-	40	44	0.109	0.0081	6.76	10	220	5.52	-	-	7.50E+16	1.91E+17
68	July 31, 1901	19010731_1038_000	13.75	41.719	5.16	≤ 5	-	-	45	76	0.063	0.005	7.326	10	240	5.83	-	-	5.50E+16	5.56E+17
69	October 30, 1901	19011030_1449_000	10.49	45.584	5.44	18.14	15.09	21.44	147	289	0.035	0.0055	6.265	10	320	5.47	5.44	5.50	1.45E+17	1.60E+17
70	June 19, 1902	19020619_0923_000	11.257	46.823	4.96	16.45	13.40	19.08	84	184	0.037	0.0041	5.498	10	320	5.02	4.99	5.05	2.75E+16	3.39E+16
71	August 4, 1902	19020804_2236_000	10.28	44.113	4.78	26.78	22.19	33.25	38	60	0.028	0.0059	5.454	10	200	5.09	5.05	5.12	1.48E+16	4.32E+16
72	November 2, 1904	19041102_1532_000	13.918	41.932	4.54	≤ 5	-	-	31	44	0.086	0.0066	5.481	10	190	4.8	-	-	6.46E+15	1.58E+16
73	November 17, 1904	19041117_0502_000	10.821	43.965	5.1	28	23.36	35.52	68	204	0.027	0.0069	5.209	10	270	4.96	4.92	5.00	4.47E+16	2.75E+16
74	February 12, 1905	19050212_0828_000	11.558	42.862	4.55	≤ 5	-	-	42	61	0.096	0.0054	6.197	10	260	5.2	-	-	6.68E+15	6.31E+16
75	March 14, 1905	19050314_1916_000	14.807	40.951	4.9	≤ 5	-	-	70	94	0.06	0.0031	5.973	10	340	5.07	-	-	2.24E+16	4.03E+16
76	September 8, 1905	19050908_0143_000	16	38.811	6.95	5.84	4.00	7.68	264	895	0.055	0.0037	9.199*	8	220	6.57*	6.50	6.62	2.66E+19	7.16E+18
77	April 21, 1906	19060421_0635_000	11.137	43.446	4.3	≤ 5	-	-	42	45	0.09	0.0065	5.306	10	250	4.7	-	-	2.82E+15	1.12E+16
78	November 10, 1906	19061110_1755_000	9.567	44.388	4.22	≤ 5	-	-	41	43	0.086	0.0088	5.116	10	220	4.59	-	-	2.14E+15	7.67E+15
79	April 25, 1907	19070425_0452_000	11.073	45.318	4.79	≤ 5	-	-	52	122	0.06	0.0058	6.206	10	250	5.2	-	-	1.53E+16	6.31E+16
80	July 2, 1907	19070702_0232_000	13.103	46.423	4.53	20.19	16.94	24.18	35	38	0.033	0.0044	4.751	10	210	4.64	4.61	4.67	6.24E+15	9.12E+15
81	October 23, 1907	19071023_2028_000	15.985	38.086	5.96	19.31	15.99	22.75	177	274	0.034	0.003	7.965	10	320	6.43	6.40	6.46	8.71E+17	4.42E+18
82	December 18, 1907	19071218_1921_000	14.892	40.845	4.52	5.04	3.23	6.68	32	35	0.058	0.0078	5.6	10	210	4.87	4.79	4.92	6.03E+15	2.02E+16
83	July 10, 1908	19080710_0213_000	13.191	46.465	5.31	9.95	7.47	11.86	37	119	0.046	0.0067	6.158	10	180	5.3	5.25	5.33	9.23E+16	8.91E+16
84	December 10, 1908	19081210_0620_000	15.036	38.059	5.11	≤ 5	-	-	30	64	0.071	0.0062	6.507	10	180	5.37	-	-	4.62E+16	1.14E+17
85	December 28, 1908	19081228_0420_000	15.687	38.146	7.1	9.96	7.47	11.86	314	772	0.046	0.0101	9.618*	7	330	6.75*	6.70	6.79	4.47E+19	1.33E+19
86	January 13, 1909	19090113_0045_000	11.688	44.579	5.36	43.54	34.63	61.47	106	867	0.019	0.0028	5.942	10	330	5.45	5.41	5.51	1.10E+17	1.50E+17
87	January 23, 1910	19100123_0150_000	9.659	44.857	4.39	≤ 5	-	-	48	118	0.063	0.0088	4.984	10	240	4.52	-	-	3.85E+15	6.03E+15
88	June 7, 1910	19100607_0204_000	15.421	40.898	5.76	7.54	5.29	9.29	138	376	0.051	0.0049	7.584	10	340	6.05	5.99	6.09	4.37E+17	1.19E+18
89	February 19, 1911	19110219_0718_000	12.074	44.117	5.26	5.08	3.23	6.68	61	181	0.058	0.0075	6.861	10	260	5.57	5.49	5.62	7.76E+16	2.26E+17
90	April 10, 1911	19110410_0943_000	12.648	41.779	4.74	≤ 5	-	-	52	79	0.067	0.0052	5.684	10	240	4.91	-	-	1.29E+16	2.32E+16
91	September 13, 1911	19110913_2229_000	11.344	43.436	5.08	5.36	3.47	7.00	59	115	0.057	0.004	6.892	10	310	5.6	5.52	5.65	4.17E+16	2.51E+17
92	January 3, 1913	19130103_1339_000	13.657	41.868	4.53	≤ 5	-	-	39	44	0.086	0.005	6.151	10	230	5.17	-	-	6.24E+15	5.69E+16
93	June 28, 1913	19130628_0853_000	16.239	39.531	5.64	6.4	4.29	8.06	75	151	0.054	0.0029	7.685	10	280	6.08	6.01	6.12	2.88E+17	1.32E+18
94	July 21, 1913	19130721_2235_000	11.762	44.041	4.79	6.66	4.60	8.45	31	43	0.053	0.0082	5.376	10	220	4.79	4.73	4.83	1.53E+16	1.53E+16
95	October 4, 1913	19131004_1826_000	14.716	41.513	5.35	9.84	7.47	11.86	91	205	0.046	0.006	6.385	10	300	5.43	5.38	5.46	1.06E+17	1.40E+17
96	October 27, 1914	19141027_0922_000	10.598	43.912	5.63	21.41	17.91	25.72	148	660	0.032	0.0021	6.538	10	320	5.65	5.62	5.69	2.79E+17	2.99E+17
97	January 13, 1915	19150113_0652_000	13.53	42.014	7.08	10.88	8.55	13.11	427	1041	0.044	0.0036	9.211*	8	360	6.68*	6.64	6.72	4.17E+19	1.05E+19
98	March 26, 1915	19150326_2337_000	12.463	43.078	4.55	6.61	4.60	8.45	37	40	0.053	0.01	4.894	10	210	4.52	4.46	4.56	6.68E+15	6.03E+15
99	August 16, 1916	19160816_0706_000	12.737	44.019	5.82	≤ 5	-	-	193	257	0.06	0.0057	7.986	10	190	6.2	-	-	5.37E+17	2.00E+18
100	April 26, 1917	19170426_0935_000	12.129	43.467	5.99	≤ 5	-	-	70	134	0.084	0.0096	7.796	10	290	6.1	-	-	9.66E+17	1.41E+18
101	November 10, 1918	19181110_1512_000	11.933	43.917	5.96	≤ 5	-	-	156	187	0.067	0.0048	8.043	10	340	6.23	-	-	8.71E+17	2.21E+18
102	June 29, 1919	19190629_1506_000	11.482	43.957	6.38	22.71	18.92	27.40	353	565	0.031	0.0063	7.674	10	350	6.3	6.27	6.33	3.72E+18	2.82E+18
103	September 10, 1919	19190910_1657_000	11.788	42.793	5.36	≤ 5	-	-	43	67	0.084	0.0071	7.411	10	250	5.88	-	-	1.10E+17	6.61E+17
104	September 7, 1920	19200907_0555_000	10.278	44.185	6.53	5.08	3.23	6.68	416	750	0.058	0.0017	8.926	10	360	6.73*	6.65	6.78	6.24E+18	1.24E+19
105	June 8, 1922	19220608_0747_000	13.286	43.148	4.73	5.25	3.47	7.00	38	47	0.057	0.0047	6.266	10	280	5.25	5.17	5.30	1.24E+16	7.50E+16
106	December 29, 1922	19221229_1222_000	13.632	41.793	5.24	14.49	11.83	17.07	74	119	0.039	0.003	6.337	10	330	5.47	5.43	5.50	7.24E+16	1.60E+17
107	December 12, 1924	19241212_0329_000	12.982	46.462	5.42	11.18	8.55	13.11	35	78	0.044	0.0066	6.586	10	190	5.56	5.51	5.59	1.35E+17	2.19E+17
108	May 25, 1927	19270525_0250_000	14.624	41.25	4.98	7.94	5.68	9.75	36	54	0.05	0.0062	6.087	10	260	5.22	5.16	5.26	2.95E+16	6.76E+16
109	October 11, 1927	19271011_1445_000	13.466	41.841	5.2	≤ 5	-	-	44	81	0.069	0.0058	6.966	10	250	5.63	-	-	6.31E+16	2.79E+17
110	October 28, 1927	19271028_2149_000	9.59	44.52	4.66	6.93	4.94	8.86	33	39	0.052	0.0051	5.63	10	190	4.94	4.88	4.99	9.77E+15	2.57E+16
111	March 27, 1928	19280327_0832_000	12.975	46.372	6.02	≤ 5	-	-	171	359	0.076	0.0064	7.475	10	330	5.92	-	-	1.07E+18	7.59E+17
112	April 10, 1929	19290410_0543_000	11.387	44.445	5.05	≤ 5	-	-	35	87	0.06	0.0086	6.227	10	220	5.22	-	-	3.76E+16	6.76E+16
113	April 19, 1929	19290419_0415_000	11.202	44.496	5.13	10.05	7.99	12.47	31	82	0.045	0.0084	5.919	10	180	5.17	5.13	5.21	4.95E+16	5.69E+16
114	April 20, 1929	19290420_0109_000	11.15	44.481	5.36	6.7	4.60	8.45	46	109	0.053	0.0049	6.457	10	200	5.4	5.33	5.44	1.10E+17	1.26E+17
115	July 18, 1929	19290718_2102_000	11.507	43.988	4.96	≤ 5	-	-	41	56	0.064	0.0066	6.573	10	250	5.41	-	-	2.75E+16	1.30E+17
116	July 23, 1930	19300723_0008_000	15.318	41.068	6.67	12.25	9.76	14.54	155	547	0.042	0.0087	8.6*	9	340	6.47*	6.43	6.50	1.01E+19	5.07E+18
117	October 30, 1930	19301030_0713_000	13.385	43.689	5.83	63.17	48.16	72.40	99	268	0.012	0.0058	7.032	10	190	6.12	6.08	6.15	5.56E+17	1.51E+18
118	April 14, 1931	19310414_2213_000	10.666	45.974	4.77	12.55	10.42	15.33	74	160	0.041	0.0034	5.435	10	290</					

126	December 17, 1937	19371217_0311_000	6.586	44.67	4.41	≤ 5	-	-	64	64	0.073	0.009	5.146	10	230	4.61	-	-	4.12E+15	8.22E+15
127	July 18, 1938	19380718_0057_000	6.582	44.612	5.07	≤ 5	-	-	115	381	0.07	0.0078	6.372	10	270	5.3	-	-	4.03E+16	8.91E+16
128	October 16, 1940	19401016_1317_000	11.867	42.885	5.29	≤ 5	-	-	74	106	0.072	0.0038	7.037	10	280	5.67	-	-	8.61E+16	3.20E+17
129	October 3, 1943	19431003_0828_000	13.626	42.94	5.67	8.51	6.52	10.74	154	170	0.048	0.0047	7.186	10	350	5.85	5.80	5.89	3.20E+17	5.96E+17
130	February 17, 1947	19470217_0012_000	6.761	44.449	4.74	8.84	6.52	10.74	85	283	0.048	0.0054	5.518	10	230	4.92	4.87	4.96	1.29E+16	2.40E+16
131	May 11, 1947	19470511_0632_000	16.518	38.652	5.7	16.62	14.23	20.22	130	254	0.036	0.003	7.716	10	200	6.27	6.24	6.30	3.55E+17	2.54E+18
132	June 13, 1948	19480613_0633_000	12.127	43.598	5.04	≤ 5	-	-	65	142	0.085	0.0085	6.864	10	280	5.57	-	-	3.63E+16	2.26E+17
133	December 31, 1948	19481231_0332_000	12.853	42.507	5.42	≤ 5	-	-	60	95	0.075	0.0067	6.691	10	250	5.48	-	-	1.35E+17	1.66E+17
134	September 5, 1950	19500905_0408_000	13.457	42.547	5.69	16.42	13.40	19.08	252	386	0.037	0.0017	7.562	10	360	6.18	6.14	6.21	3.43E+17	1.86E+18
135	May 15, 1951	19510515_2254_000	9.62	45.226	5.17	70.06	50.46	72.40	51	179	0.011	0.0023	6.051	10	260	5.59	5.53	5.60	5.69E+16	2.43E+17
136	August 8, 1951	19510808_1956_000	13.461	42.466	5.25	10.22	7.99	12.47	53	94	0.045	0.0056	7.024	10	280	5.79	5.75	5.83	7.50E+16	4.84E+17
137	September 1, 1951	19510901_0656_000	13.288	43.029	5.25	10.91	8.55	13.11	34	80	0.044	0.0048	7.281	10	250	5.95	5.90	5.98	7.50E+16	8.41E+17
138	January 18, 1952	19520118_0136_000	12.542	45.995	4.44	5.17	3.47	7.00	78	108	0.057	0.0034	4.828	10	260	4.44	4.37	4.49	4.57E+15	4.57E+15
139	July 4, 1952	19520704_2035_000	11.883	43.98	4.94	≤ 5	-	-	63	64	0.082	0.0059	6.947	10	240	5.62	-	-	2.57E+16	2.69E+17
140	December 14, 1953	19531214_0711_000	12.061	44.064	4.7	≤ 5	-	-	47	48	0.082	0.0079	5.768	10	240	4.96	-	-	1.12E+16	2.75E+16
141	June 20, 1955	19550620_0447_000	7.144	44.525	4.77	11.74	9.14	13.80	60	104	0.043	0.0086	5.766	10	250	5.11	5.07	5.14	1.43E+16	4.62E+16
142	July 23, 1955	19550723_0354_000	12.711	46.187	4.49	≤ 5	-	-	43	47	0.081	0.0063	4.843	10	250	4.44	-	-	5.43E+15	4.57E+15
143	April 26, 1956	19560426_0300_000	11.33	44.209	4.74	≤ 5	-	-	72	89	0.089	0.0046	5.957	10	260	5.07	-	-	1.29E+16	4.03E+16
144	May 26, 1956	19560526_1840_000	11.897	43.939	4.99	≤ 5	-	-	63	76	0.086	0.0096	6.828	10	260	5.55	-	-	3.05E+16	2.11E+17
145	June 1, 1956	19560601_0832_000	7.291	44.72	4.3	≤ 5	-	-	62	62	0.071	0.0065	4.396	10	240	4.19	-	-	2.82E+15	1.93E+15
146	April 30, 1957	19570430_0605_000	12.013	43.733	4.23	≤ 5	-	-	51	57	0.073	0.0097	4.67	10	280	4.35	-	-	2.21E+15	3.35E+15
147	August 27, 1957	19570827_1154_000	10.995	44.395	4.73	≤ 5	-	-	35	58	0.071	0.0092	5.299	10	200	4.7	-	-	1.24E+16	1.12E+16
148	December 6, 1957	19571206_0454_000	12.029	42.707	4.97	≤ 5	-	-	62	63	0.096	0.0027	6.778	10	230	5.53	-	-	2.85E+16	1.97E+17
149	June 24, 1958	19580624_0607_000	13.498	42.317	5.04	≤ 5	-	-	87	222	0.065	0.0037	6.43	10	290	5.33	-	-	3.63E+16	9.89E+16
150	October 27, 1958	19581027_1009_000	16.488	38.992	4.59	8.91	6.52	10.74	49	62	0.048	0.009	5.523	10	200	4.93	4.87	4.96	7.67E+15	2.48E+16
151	April 5, 1959	19590405_1048_000	6.764	44.522	5.39	≤ 5	-	-	106	207	0.071	0.0047	6.854	10	290	5.57	-	-	1.22E+17	2.26E+17
152	April 26, 1959	19590426_1445_000	13.021	46.484	5.21	≤ 5	-	-	97	122	0.09	0.0034	7.218	10	210	5.77	-	-	6.53E+16	4.52E+17
153	December 23, 1959	19591223_0929_000	14.908	37.357	5.11	11.41	9.14	13.80	45	108	0.043	0.0084	6.086	10	230	5.29	5.25	5.32	4.62E+16	8.61E+16
154	March 24, 1961	19610324_1036_000	15.654	38.174	4.62	20.59	16.94	24.18	44	59	0.033	0.0019	5.657	10	200	5.15	5.12	5.18	8.51E+15	5.31E+16
155	May 8, 1961	19610508_2245_000	11.962	44.134	4.37	≤ 5	-	-	37	40	0.069	0.0062	5.198	10	190	4.64	-	-	3.59E+15	9.12E+15
156	November 23, 1961	19611123_0112_000	9.589	45.76	4.86	≤ 5	-	-	70	119	0.059	0.006	5.865	10	330	5.01	-	-	1.95E+16	3.27E+16
157	August 21, 1962	19620821_1819_000	14.953	41.23	6.15	≤ 5	-	-	291	562	0.07	0.0061	8.601	10	360	6.55*	-	-	1.68E+18	6.68E+18
158	April 3, 1967	19670403_1636_000	10.602	44.73	4.44	≤ 5	-	-	41	45	0.092	0.0072	5.634	10	180	4.88	-	-	4.57E+15	2.09E+16
159	October 31, 1967	19671031_2108_000	14.413	37.862	5.33	≤ 5	-	-	37	60	0.061	0.0099	8.053	10	230	6.24	-	-	9.89E+16	2.29E+18
160	January 15, 1968	19680115_0201_000	12.981	37.756	6.41	≤ 5	-	-	87	162	0.07	0.0108	9.153*	8	280	6.42*	-	-	4.12E+18	4.27E+18
161	January 25, 1968	19680125_0956_000	13.06	37.71	5.37	12.99	10.42	15.33	31	32	0.041	0.0052	7.756	10	190	6.24	6.21	6.27	1.14E+17	2.29E+18
162	April 18, 1968	19680418_1938_000	8.037	44.051	4.93	12.06	9.76	14.54	37	51	0.042	0.0082	5.797	10	190	5.13	5.10	5.17	2.48E+16	4.95E+16
163	January 6, 1969	19690106_2203_000	10.727	44.049	4.67	7.72	5.68	9.75	63	74	0.05	0.0052	5.749	10	210	5.03	4.97	5.07	1.01E+16	3.51E+16
164	July 2, 1969	19690702_0755_000	12.002	42.168	4.77	≤ 5	-	-	69	72	0.101	0.0095	6.261	10	260	5.24	-	-	1.43E+16	7.24E+16
165	August 9, 1969	19690809_0920_000	11.962	43.76	4.2	≤ 5	-	-	31	33	0.098	0.0053	5.692	10	190	4.92	-	-	2.00E+15	2.40E+16
166	August 11, 1969	19690811_1355_000	12.227	43.036	4.7	≤ 5	-	-	41	46	0.085	0.0049	6.922	10	240	5.61	-	-	1.12E+16	2.60E+17
167	September 26, 1969	19690926_2340_000	13.567	42.707	4.39	5.3	3.47	7.00	52	97	0.057	0.0078	5.402	10	300	4.76	4.69	4.82	3.85E+15	1.38E+16
168	December 31, 1970	19701231_2204_000	8.137	44.138	4.62	6.77	4.60	8.45	46	79	0.053	0.0047	5.764	10	200	5.01	4.94	5.05	8.51E+15	3.27E+16
169	February 6, 1971	19710206_1809_000	11.846	42.442	4.83	≤ 5	-	-	68	89	0.098	0.0077	6.975	10	280	5.64	-	-	1.76E+16	2.88E+17
170	February 11, 1971	19710211_1849_000	12.604	43.121	4.61	6.54	4.60	8.45	38	71	0.053	0.0084	5.471	10	180	4.84	4.78	4.89	8.22E+15	1.82E+16
171	February 12, 1971	19710212_0454_000	12.605	43.15	4.89	≤ 5	-	-	30	47	0.066	0.0082	6.259	10	180	5.23	-	-	2.16E+16	7.00E+16
172	April 2, 1971	19710402_0143_000	13.054	42.746	4.5	5.71	3.72	7.33	42	68	0.056	0.0085	5.907	10	230	5.06	4.98	5.11	5.62E+15	3.89E+16
173	May 6, 1971	19710506_0345_000	15.275	41.169	4.83	19.32	15.99	22.75	54	68	0.034	0.0023	5.592	10	260	5.1	5.07	5.13	1.76E+16	4.47E+16
174	July 15, 1971	19710715_0133_000	10.345	44.814	5.51	6.95	4.94	8.86	107	228	0.052	0.0047	7.52	10	330	6	5.94	6.04	1.84E+17	1.00E+18
175	November 26, 1972	19721126_1603_000	13.454	42.967	5.48	≤ 5	-	-	46	73	0.063	0.0073	7.822	10	260	6.11	-	-	1.66E+17	1.46E+18
176	January 16, 1975	19750116_0009_000	15.643	38.114	5.18	≤ 5	-	-	239	346	0.091	0.0052	7.849	10	310	6.13	-	-	5.89E+16	1.57E+18
177	May 6, 1976	19760506_2000_000	13.119	46.241	6.45	≤ 5	-	-	553	770	0.064	0.0019	8.771	10	360	6.64*	-	-	4.73E+18	9.12E+18
178	September 17, 1976	19760917_0123_000	14.276	37.854	4.55	34.23	28.54	46.57	38	40	0.023	0.0053	5.297	10	220	5.04	5.01	5.10	6.68E+15	3.63E+16
179	December 13, 1976	19761213_0524_000	10.799	45.894	4.9	≤ 5	-	-	97	128	0.063	0.004	6.2	10	350	5.2	-	-	2.24E+16	6.31E+16
180	June 5, 1977	19770605_1359_000	14.344	37.893	4.61	≤ 5	-	-	66	108	0.068	0.0072	5.857	10	310	5.01	-	-	8.22E+15	3.27E+16
181	July 24, 1977	19770724_0955_000	15.02	41.097	4.37	≤ 5	-	-	78	85	0.095	0.0071	5.435	10	290	4.77	-	-	3.59E+15	1.43E+16
182	September 16, 1977	19770916_2348_000	13.019	46.283	5.26	≥ 73	-	-	61	94	0.003	0.0051	5.422	10	260	5.25	-	-	7.76E+16	7.50E+16
183	February 8, 1978	19780208_0410_000	14.991	41.106	4.44	≤ 5	-	-	97	100	0.096	0.005	5.513	10	340	4.82	-	-	4.57E+15	1.70E+16
184	March 11, 1978	19780311_1920_000	16.073	38.055	5.22	7.76	5.68	9.75	73	126	0.05	0.0042	6.902	10						

191	January 5, 1980	19800105_1432_000	7.319	45.013	4.82	15.52	12.60	18.04	82	120	0.038	0.0043	6.199	10	290	5.4	5.37	5.43	1.70E+16	1.26E+17
192	January 23, 1980	19800123_2100_000	14.807	36.904	4.39	11.36	9.14	13.80	62	122	0.043	0.0033	5.142	10	280	4.76	4.72	4.79	3.85E+15	1.38E+16
193	February 28, 1980	19800228_2104_000	12.967	42.8	4.97	19.31	15.99	22.75	86	146	0.034	0.0072	5.783	10	270	5.21	5.18	5.24	2.85E+16	6.53E+16
194	May 24, 1980	19800524_2016_000	13.19	43.087	4.48	26.15	22.19	33.25	55	58	0.028	0.0036	4.981	10	220	4.82	4.79	4.86	5.25E+15	1.70E+16
195	June 7, 1980	19800607_1835_000	10.564	44.07	4.64	7.65	5.68	9.75	91	102	0.05	0.004	6.25	10	230	5.31	5.25	5.35	9.12E+15	9.23E+16
196	June 14, 1980	19800614_2056_000	13.696	41.905	4.96	48.08	38.10	70.71	60	69	0.017	0.0027	4.934	10	280	4.9	4.86	4.97	2.75E+16	2.24E+16
197	October 1, 1980	19801001_0057_000	13.281	41.703	4.26	≤ 5	-	-	35	41	0.069	0.0043	5.483	10	240	4.8	-	-	2.45E+15	1.58E+16
198	November 23, 1980	19801123_1834_000	15.283	40.842	6.81	11.59	9.14	13.80	244	1394	0.043	0.0089	8.685*	9	350	6.5*	6.46	6.54	1.64E+19	5.62E+18
199	December 2, 1980	19801202_0558_000	6.371	45.67	4.8	7.58	5.29	9.29	206	292	0.051	0.0023	5.303	10	300	4.77	4.71	4.81	1.58E+16	1.43E+16
200	February 14, 1981	19810214_1727_000	14.62	40.992	4.88	7.47	5.29	9.29	76	85	0.051	0.0029	7.107	10	270	5.78	5.72	5.82	2.09E+16	4.68E+17
201	July 6, 1982	19820706_1437_000	15.11	37.707	3.27	≤ 5	-	-	149	150	0.133	0.0087	4.745	6	240	4.39	-	-	8.04E+13	3.85E+15
202	September 1, 1982	19820901_1533_000	10.53	43.932	4.21	≤ 5	-	-	47	47	0.085	0.0047	5.605	10	190	4.87	-	-	2.07E+15	2.02E+16
203	February 2, 1983	19830202_0814_000	15.655	40.638	4.35	≤ 5	-	-	42	42	0.081	0.0071	5.649	10	220	4.89	-	-	3.35E+15	2.16E+16
204	February 10, 1983	19830210_2230_000	13.395	46.271	4.32	≥ 73	-	-	39	40	0.008	0.0037	4.847	10	210	4.93	-	-	3.02E+15	2.48E+16
205	August 12, 1983	19830812_1936_000	14.045	41.655	4.76	31.71	25.85	40.63	49	53	0.025	0.0075	4.834	10	200	4.77	4.73	4.81	1.38E+16	1.43E+16
206	November 9, 1983	19831109_1629_000	10.265	44.755	5.04	10.07	7.99	12.47	223	850	0.045	0.0031	6.493	10	360	5.49	5.45	5.53	3.63E+16	1.72E+17