SUPPLEMENT

1977 and 1978 daily soft X-ray flare indices

A. Antalová

Institute of the Experimental Physics, Slovak Academy of Sciences, Watson street 47, 043 53 Košice, Slovak Republic

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Abstract. The heliographic longitudinal distribution of the daily soft X-ray flare index values is given for 1977−1978 years (Table 1). The soft X-ray flare index was determined from the daily continuous SMS-GOES profile of solar soft X-ray flux (0.1–0.8 nm), as published in Solar Geophysical Data. The left (right) columns of Table 1 comprise the 1977 (1978) daily data. The Eastern (E), Central (C) and Western (W) LDE–type flare indices, as well as a daily flare index of the impulsive (I) flares were published for the decreasing part of the 20–th solar cycle, as well as for the onset part of the 21-st solar cycle (from January 1, 1969 to December 31, 1978).

Key words: the Sun - flares

1. Spatial Distribution of LDE-type flares (description of the table)

The 1969–1976 daily soft X-ray (0.1–0.8 nm) flare index has already been published in the Contributions of the Astronomical Observatory Skalnaté Pleso (26 and 27 volumes). This paper gives the 1977−1978 continuation of the daily flare indices (FIs). They were constructed by weighing the SXR flare-classes (in units of 10^{-6} W/m^2) regardless the duration of a flare (Antalová, 1996) so, for example, a C6.7, (M5.1; X9.3) soft X-ray flare index bears the value equal 7 (51; 930). The LDE-type flare FI values are given into E-C-W heliographic belts and their sum represents the global value for the all solar disk (D). The left (right) columns of Table 1 comprise the 1977 (1978) daily soft X-ray flare index, which was computed separately for: **(i)** the LDE-type flare (duration in soft X-ray $\geq$ 2hours), which is identical with the flare-type known as a 'long decay' (Kahler, 1977) and related to an eruptive flare definition (Švestka, 1995) and Coronal Mass ejections (Webb et al. 1997); **(ii)** the impulsive-type flare (lasting in SXR less than 2 hours). The distribution of FI into E, C, and W belts is given only for LDE-type flares. The following flare subsets are given in Table 1: **E** - the daily flare index for LDE-type flares located from E90° to E45° on the solar disk;

Contrib. Astron. Obs. Skalnaté Pleso **28**, (1998), 63 – 72.

Table 1. The 1977 (left) and 1978 (right) daily values of the soft X-ray (0.1–0.8 nm) flare indices. E-C-W columns give the FI distribution of LDE-type flares located into Eastern, Central and Western solar belts.

Date	E	C	W	D	I	T	E	C	W	D	I	T
JAN 01	0	2	0	2	1	3	0	42	0	42	17	59
JAN 02	0	1	0	1	1	2	0	6	0	6	19	25
JAN 03	0	1	2	3	1	4	0	16	0	16	33	49
JAN 04	0	0	2	2	4	6	0	0	5	5	17	22
JAN 05	0	0	1	1	2	3	0	0	1	1	13	14
JAN 06	0	0	2	2	1	3	0	0	5	5	11	16
JAN 07	0	0	0	0	0	0	0	0	62	62	7	69
JAN 08	0	0	0	0	0	0	0	0	159	159	6	165
JAN 09	0	0	0	0	0	0	0	0	19	19	4	23
JAN 10	0	0	0	0	0	0	0	1	1	2	5	7
JAN 11	0	0	1	1	0	1	0	3	0	3	5	8
JAN 12	0	12	0	12	10	22	0	1	0	1	5	6
JAN 13	0	9	0	9	7	16	0	4	0	4	2	6
JAN 14	0	2	0	2	0	2	0	3	0	3	8	11
JAN 15	0	2	0	2	0	2	0	3	0	3	0	3
JAN 16	0	0	2	2	2	4	0	0	1	1	4	5
JAN 17	0	0	1	1	2	3	0	5	0	5	8	13
JAN 18	0	0	4	4	1	5	0	1	0	1	4	5
JAN 19	0	0	4	4	6	10	0	1	0	1	1	2
JAN 20	0	1	0	1	3	4	0	2	0	2	2	4
JAN 21	0	0	0	0	0	0	0	3	1	4	2	6
JAN 22	0	1	0	1	0	1	0	0	2	2	9	11
JAN 23	0	1	0	1	0	1	0	0	2	2	7	9
JAN 24	0	1	0	1	1	2	0	2	0	2	4	6
JAN 25	0	0	1	1	2	3	0	3	0	3	17	20
JAN 26	0	0	0	0	0	0	11	5	0	16	23	39
JAN 27	0	0	0	0	0	0	8	0	0	8	39	47
JAN 28	0	2	1	3	8	11	1	2	0	3	11	14
JAN 29	0	0	0	0	0	0	4	1	0	5	9	14
JAN 30	2	0	0	2	1	3	0	4	0	4	11	15
JAN 31	28	0	0	28	6	34	0	2	0	2	20	22
FEB 01	0	8	0	8	13	21	2	3	0	5	24	29
FEB 02	0	6	0	6	19	25	1	27	0	28	32	60
FEB 03	0	4	0	4	6	10	42	15	0	57	60	117
FEB 04	0	2	0	2	1	3	0	0	0	0	12	12
FEB 05	0	2	0	2	0	2	6	0	0	6	22	28
FEB 06	0	0	0	0	1	1	3	4	3	10	13	23
FEB 07	0	1	0	1	1	2	0	6	0	6	27	33
FEB 08	1	3	0	4	8	12	4	27	0	31	77	108
FEB 09	0	3	0	3	3	6	0	118	0	118	106	224

Date	E	C	W	D	I	T	E	C	W	D	I	T
FEB 10	0	6	0	6	3	9	0	68	0	68	30	98
FEB 11	0	12	0	12	13	25	0	27	0	27	59	86
FEB 12	0	2	0	2	5	7	0	30	0	30	74	104
FEB 13	0	12	1	13	9	22	0	96	0	96	77	173
FEB 14	0	3	0	3	2	5	0	11	5	16	42	58
FEB 15	0	0	0	0	2	2	2	26	0	28	128	156
FEB 16	0	3	0	3	6	9	0	8	10	18	29	47
FEB 17	0	0	18	18	6	24	0	0	43	43	64	107
FEB 18	0	0	3	3	3	6	0	2	0	2	44	46
FEB 19	0	0	1	1	1	2	4	0	1	5	12	17
FEB 20	0	2	0	2	2	4	0	0	2	2	18	20
FEB 21	0	2	0	2	0	2	0	6	4	10	12	22
FEB 22	0	0	0	0	0	0	0	2	0	2	12	14
FEB 23	0	1	0	1	0	1	0	1	0	1	18	19
FEB 24	0	0	0	0	0	0	9	4	0	13	14	27
FEB 25	0	1	0	1	0	1	0	73	0	73	22	95
FEB 26	0	0	0	0	0	0	2	10	0	12	42	54
FEB 27	0	0	0	0	0	0	4	13	0	17	23	40
FEB 28	0	5	0	5	0	5	0	0	4	4	14	18
MAR 01	0	1	0	1	0	1	0	3	0	3	18	21
MAR 02	4	0	0	4	1	5	0	11	10	21	27	48
MAR 03	0	2	0	2	0	2	4	3	1	8	23	31
MAR 04	0	1	0	1	0	1	6	22	0	28	23	51
MAR 05	0	1	0	1	1	2	0	2	0	2	20	22
MAR 06	0	0	0	0	0	0	0	23	0	23	22	45
MAR 07	0	0	0	0	0	0	0	0	0	0	13	13
MAR 08	0	5	0	5	1	6	0	6	3	9	18	27
MAR 09	0	4	0	4	2	6	2	3	0	5	39	44
MAR 10	0	0	0	0	2	2	0	9	0	9	64	73
MAR 11	0	1	0	1	1	2	2	5	0	7	44	51
MAR 12	0	0	0	0	0	0	0	0	0	0	16	16
MAR 13	0	0	0	0	1	1	0	0	5	5	16	21
MAR 14	0	1	0	1	2	3	0	13	8	21	33	54
MAR 15	0	0	0	0	0	0	6	3	0	9	22	31
MAR 16	0	0	0	0	0	0	0	2	0	2	7	9
MAR 17	0	0	0	0	0	0	0	0	0	0	6	6
MAR 18	0	0	0	0	0	0	0	5	0	5	17	22
MAR 19	0	0	0	0	0	0	0	3	0	3	3	6
MAR 20	0	0	0	0	0	0	1	0	0	1	4	5
MAR 21	0	0	0	0	0	0	0	2	0	2	12	14
MAR 22	0	1	0	1	0	1	0	3	0	3	20	23
MAR 23	0	0	1	1	0	1	1	1	0	2	6	8
MAR 24	0	0	1	1	0	1	0	3	5	8	8	16

SUPPLEMENT

Date	E	C	W	D	I	T	E	C	W	D	I	T
MAR 25	0	0	1	1	0	1	0	0	0	0	6	6
MAR 26	0	0	1	1	0	1	0	0	5	5	2	7
MAR 27	0	0	1	1	0	1	0	2	0	2	9	11
MAR 28	0	0	0	0	0	0	0	5	0	5	8	13
MAR 29	0	0	1	1	0	1	0	3	0	3	2	5
MAR 30	0	0	0	0	0	0	1	2	0	3	8	11
MAR 31	0	0	0	0	0	0	0	0	1	1	3	4
APR 01	0	0	0	0	0	0	0	2	0	2	7	9
APR 02	0	0	0	0	0	0	0	0	0	0	35	35
APR 03	0	1	0	1	1	2	0	1	1	2	6	8
APR 04	0	1	0	1	1	2	0	9	0	9	9	18
APR 05	0	0	0	0	0	0	0	6	0	6	25	31
APR 06	0	0	0	0	1	1	0	4	0	4	17	21
APR 07	0	0	1	1	4	5	0	12	0	12	51	63
APR 08	0	0	1	1	0	1	0	105	0	105	101	206
APR 09	0	0	0	0	0	0	25	15	0	40	83	123
APR 10	0	0	0	0	0	0	0	18	0	18	155	173
APR 11	11	0	0	11	0	11	0	110	200	310	241	551
APR 12	90	0	0	90	1	91	3	15	20	38	63	101
APR 13	49	0	0	49	19	68	0	17	8	25	51	76
APR 14	33	0	0	33	5	38	0	11	24	35	34	69
APR 15	0	12	0	12	5	17	8	7	0	15	58	73
APR 16	0	24	0	24	4	28	0	0	0	0	30	30
APR 17	0	10	0	10	9	19	0	1	0	1	9	10
APR 18	0	1	0	1	1	2	0	27	0	27	20	47
APR 19	0	9	0	9	1	10	6	10	0	16	36	52
APR 20	0	2	0	2	1	3	0	3	4	7	17	24
APR 21	0	2	0	2	4	6	0	0	11	11	24	35
APR 22	0	2	0	2	2	4	0	0	5	5	36	41
APR 23	0	0	0	0	1	1	120	0	0	120	41	161
APR 24	0	0	0	0	1	1	0	7	0	7	43	50
APR 25	0	0	0	0	0	0	20	0	0	20	43	63
APR 26	0	0	0	0	0	0	20	0	3	23	59	82
APR 27	0	0	0	0	0	0	0	0	0	0	33	33
APR 28	0	0	0	0	0	0	0	503	3	506	55	561
APR 29	0	0	0	0	0	0	0	327	0	327	62	389
APR 30	0	1	0	1	1	2	0	224	6	230	74	304
MAY 01	0	0	0	0	1	1	0	60	0	60	40	100
MAY 02	0	0	0	0	0	0	0	28	0	28	50	78
MAY 03	15	0	0	15	11	26	2	11	2	15	68	83
MAY 04	0	2	0	2	9	11	0	17	0	17	53	70

Date	E	C	W	D	I	T	E	C	W	D	I	T
MAY 05	0	0	0	0	4	4	4	18	7	29	41	70
MAY 06	0	2	0	2	3	5	0	17	45	62	47	109
MAY 07	0	1	0	1	1	2	0	0	273	273	140	413
MAY 08	1	0	0	1	1	2	0	0	181	181	22	203
MAY 09	6	0	0	6	1	7	0	15	100	115	14	129
MAY 10	0	1	0	1	0	1	0	3	7	10	11	21
MAY 11	0	1	0	1	1	2	0	7	0	7	12	19
MAY 12	1	0	0	1	1	2	0	0	0	0	12	12
MAY 13	0	0	0	0	0	0	0	0	7	7	8	15
MAY 14	0	1	0	1	1	2	4	2	6	12	9	21
MAY 15	0	0	0	0	0	0	0	2	0	2	4	6
MAY 16	0	0	0	0	1	1	2	4	5	11	12	23
MAY 17	0	0	0	0	1	1	0	1	5	6	31	37
MAY 18	0	0	0	0	0	0	0	12	0	12	4	16
MAY 19	0	3	0	3	1	4	0	1	2	3	32	35
MAY 20	0	0	0	0	0	0	0	7	2	9	32	41
MAY 21	0	0	0	0	1	1	4	13	0	17	18	35
MAY 22	0	0	0	0	1	1	3	6	0	9	30	39
MAY 23	0	0	0	0	1	1	39	3	0	42	11	53
MAY 24	0	0	0	0	0	0	0	17	0	17	20	37
MAY 25	0	0	0	0	0	0	0	8	0	8	23	31
MAY 26	0	0	0	0	0	0	38	17	0	55	20	75
MAY 27	0	0	0	0	0	0	17	5	0	22	26	48
MAY 28	0	0	0	0	1	1	0	147	0	147	16	163
MAY 29	1	0	0	1	1	2	0	3	0	3	26	29
MAY 30	0	2	0	2	7	9	0	93	0	93	81	174
MAY 31	0	0	0	0	2	2	0	0	57	57	39	96
JUN 01	0	1	0	1	3	4	0	0	0	0	53	53
JUN 02	5	0	0	5	17	22	0	2	0	2	33	35
JUN 03	7	0	0	7	11	18	0	0	1	1	4	5
JUN 04	0	0	2	2	7	9	0	1	0	1	2	3
JUN 05	0	0	0	0	1	1	0	0	18	18	11	29
JUN 06	0	3	0	3	2	5	0	0	0	0	5	5
JUN 07	0	1	0	1	2	3	0	0	0	0	6	6
JUN 08	0	0	0	0	1	1	0	1	0	1	4	5
JUN 09	0	0	0	0	2	2	0	0	0	0	0	0
JUN 10	0	2	0	2	2	4	0	1	0	1	5	6
JUN 11	0	1	0	1	1	2	1	1	6	8	7	15
JUN 12	0	1	0	1	1	2	0	4	0	4	14	18
JUN 13	0	2	0	2	1	3	2	1	0	3	24	27
JUN 14	0	0	0	0	0	0	5	2	0	7	16	23
JUN 15	0	1	0	1	1	2	0	2	1	3	10	13

SUPPLEMENT

Date	E	C	W	D	I	T	E	C	W	D	I	T
JUN 16	0	0	0	0	1	1	0	0	6	6	28	34
JUN 17	0	0	2	2	1	3	0	16	0	16	23	39
JUN 18	0	0	1	1	1	2	0	14	0	14	23	37
JUN 19	0	0	0	0	0	0	0	9	3	12	33	45
JUN 20	0	0	0	0	0	0	24	0	0	24	58	82
JUN 21	0	0	0	0	0	0	7	4	0	11	33	44
JUN 22	1	0	0	1	4	5	40	40	0	80	47	127
JUN 23	0	1	0	1	14	15	0	20	0	20	45	65
JUN 24	14	8	0	22	38	60	0	10	0	10	32	42
JUN 25	35	2	0	37	16	53	0	5	0	5	27	32
JUN 26	0	26	0	26	80	106	0	23	0	23	29	52
JUN 27	0	19	0	19	66	85	0	0	0	0	44	44
JUN 28	0	5	0	5	13	18	6	3	0	9	50	59
JUN 29	0	0	2	2	4	6	7	14	0	21	101	122
JUN 30	0	0	0	0	4	4	0	3	15	18	77	95
JUL 01	0	0	0	0	5	5	0	0	6	6	43	49
JUL 02	0	0	0	0	3	3	0	0	21	21	18	39
JUL 03	0	0	0	0	2	2	0	3	0	3	7	10
JUL 04	0	0	0	0	1	1	0	2	0	2	14	16
JUL 05	0	0	0	0	5	5	0	11	0	11	9	20
JUL 06	0	1	0	1	7	8	0	15	0	15	17	32
JUL 07	0	0	0	0	5	5	28	3	57	88	66	154
JUL 08	0	0	0	0	7	7	37	1	2	40	38	78
JUL 09	0	0	0	0	0	0	392	0	0	392	163	555
JUL 10	0	0	0	0	0	0	1049	0	0	1049	244	1293
JUL 11	0	0	0	0	0	0	187	1730	0	1917	247	2164
JUL 12	0	0	0	0	0	0	0	75	0	75	185	260
JUL 13	0	1	0	1	0	1	0	0	1	1	44	45
JUL 14	0	0	1	1	2	3	0	3	1	4	29	33
JUL 15	0	0	0	0	0	0	0	14	0	14	42	56
JUL 16	0	0	0	0	0	0	0	1	0	1	14	15
JUL 17	0	0	0	0	0	0	0	9	1	10	31	41
JUL 18	0	0	0	0	0	0	0	18	84	102	10	112
JUL 19	11	0	0	11	1	12	0	0	8	8	18	26
JUL 20	1	0	0	1	0	1	0	0	20	20	39	59
JUL 21	1	0	0	1	1	2	0	0	93	93	54	147
JUL 22	6	0	0	6	2	8	0	2	15	17	14	31
JUL 23	1	0	0	1	1	2	0	1	11	12	16	28
JUL 24	0	0	0	0	0	0	0	0	2	2	0	2
JUL 25	0	1	0	1	1	2	0	0	3	3	4	7
JUL 26	0	1	0	1	1	2	3	1	0	4	0	4
JUL 27	0	0	0	0	1	1	4	0	0	4	0	4

Date	E	C	W	D	I	T	E	C	W	D	I	T
JUL 28	1	0	0	1	0	1	3	0	0	3	1	4
JUL 29	0	0	2	2	0	2	4	2	0	6	2	8
JUL 30	0	1	0	1	2	3	0	1	0	1	1	2
JUL 31	0	1	0	1	0	1	0	1	0	1	0	1
AUG 01	0	0	0	0	1	1	0	1	0	1	0	1
AUG 02	0	0	0	0	1	1	0	1	0	1	0	1
AUG 03	0	0	0	0	0	0	0	3	0	3	5	8
AUG 04	3	0	0	3	3	6	0	2	0	2	3	5
AUG 05	11	0	0	11	7	18	3	1	0	4	4	8
AUG 06	0	10	0	10	0	10	2	0	0	2	4	6
AUG 07	0	1	0	1	4	5	0	8	0	8	6	14
AUG 08	0	3	0	3	1	4	0	0	0	0	6	6
AUG 09	0	2	0	2	3	5	0	0	0	0	3	3
AUG 10	0	0	0	0	0	0	0	1	0	1	2	3
AUG 11	0	0	0	0	1	1	0	2	0	2	3	5
AUG 12	0	1	0	1	0	1	0	4	0	4	0	4
AUG 13	0	0	0	0	0	0	2	1	4	7	7	14
AUG 14	1	1	0	2	0	2	0	0	3	3	14	17
AUG 15	0	0	0	0	0	0	3	0	4	7	17	24
AUG 16	0	0	0	0	0	0	0	0	13	13	9	22
AUG 17	0	1	0	1	1	2	4	2	0	6	7	13
AUG 18	0	1	0	1	0	1	0	2	0	2	2	4
AUG 19	0	1	0	1	0	1	0	0	0	0	1	1
AUG 20	0	0	2	2	1	3	0	0	0	0	1	1
AUG 21	0	0	3	3	0	3	0	0	1	1	0	1
AUG 22	0	0	3	3	1	4	0	0	0	0	2	2
AUG 23	0	0	2	2	1	3	0	2	0	2	0	2
AUG 24	0	0	0	0	3	3	0	0	0	0	2	2
AUG 25	0	1	0	1	1	2	0	2	0	2	0	2
AUG 26	0	1	0	1	9	10	0	0	0	0	2	2
AUG 27	0	6	0	6	2	8	10	8	0	18	19	37
AUG 28	0	0	0	0	1	1	0	0	0	0	6	6
AUG 29	0	2	0	2	2	4	0	0	1	1	12	13
AUG 30	1	1	0	2	0	2	30	0	0	30	17	47
AUG 31	2	0	0	2	5	7	9	2	0	11	32	43
SEP 01	2	0	0	2	4	6	19	36	0	55	59	114
SEP 02	1	0	0	1	1	2	99	81	5	185	138	323
SEP 03	0	3	1	4	1	5	7	34	0	41	48	89
SEP 04	0	1	0	1	1	2	24	25	0	49	60	109
SEP 05	0	1	0	1	2	3	0	12	0	12	59	71
SEP 06	0	2	0	2	3	5	2	17	0	19	69	88
SEP 07	205	0	0	205	4	209	4	17	0	21	28	49
SEP 08	1	0	0	1	12	13	0	11	6	17	34	51

SUPPLEMENT

Date	E	C	W	D	I	T	E	C	W	D	I	T
SEP 09	202	0	0	202	20	222	1	0	7	8	14	22
SEP 10	2	0	0	2	9	11	1	6	3	10	30	40
SEP 11	2	0	0	2	10	12	0	8	1	9	9	18
SEP 12	0	1	0	1	3	4	0	2	0	2	7	9
SEP 13	0	1	0	1	7	8	0	0	0	0	32	32
SEP 14	0	2	0	2	5	7	8	6	0	14	19	23
SEP 15	1	2	0	3	8	11	13	4	0	17	21	38
SEP 16	0	52	0	52	15	67	0	43	0	43	17	60
SEP 17	0	3	0	3	14	17	0	113	0	113	28	141
SEP 18	1	20	0	21	16	37	0	10	0	10	16	26
SEP 19	0	0	212	212	13	225	1	2	2	5	29	34
SEP 20	0	0	21	21	16	37	0	3	0	3	17	20
SEP 21	0	0	2	2	27	29	0	11	0	11	21	32
SEP 22	0	0	0	0	14	14	6	3	0	9	40	49
SEP 23	0	4	0	4	6	10	0	10	130	140	16	156
SEP 24	11	0	0	11	9	20	0	21	8	29	44	73
SEP 25	14	6	0	20	17	37	0	5	0	5	7	12
SEP 26	10	5	4	19	19	38	0	3	0	3	22	25
SEP 27	1	2	1	4	14	18	2	54	8	64	16	80
SEP 28	0	0	1	1	3	4	2	3	0	5	13	18
SEP 29	0	4	0	4	4	8	10	6	0	16	26	42
SEP 30	0	4	1	5	3	8	3	2	0	5	10	15
OCT 01	0	1	0	1	3	4	76	2	0	78	10	88
OCT 02	0	0	1	1	1	2	2	0	0	2	5	7
OCT 03	0	6	0	6	2	8	0	7	1	8	7	15
OCT 04	0	5	0	5	5	10	0	2	0	2	14	16
OCT 05	10	0	4	14	18	32	0	17	0	17	47	64
OCT 06	0	0	96	96	93	189	1	1	2	4	54	58
OCT 07	2	0	0	2	14	16	0	1	0	1	9	10
OCT 08	0	4	0	4	13	17	0	12	2	14	56	70
OCT 09	0	2	0	2	4	6	0	8	48	56	27	83
OCT 10	0	1	0	1	3	4	2	10	11	23	39	62
OCT 11	0	1	0	1	4	5	0	14	0	14	33	47
OCT 12	1	2	0	3	111	114	0	4	25	29	58	87
OCT 13	0	2	0	2	12	14	0	15	0	15	46	61
OCT 14	0	4	0	4	5	9	0	36	103	139	68	207
OCT 15	0	1	0	1	1	2	29	165	29	223	30	253
OCT 16	0	1	0	1	2	3	22	24	3	49	53	102
OCT 17	0	0	0	0	0	0	0	5	5	10	39	49
OCT 18	0	1	0	1	0	1	0	0	2	2	31	33
OCT 19	0	5	1	6	2	8	47	0	0	47	60	107
OCT 20	0	3	4	7	3	10	0	15	0	15	59	74
OCT 21	0	6	0	6	8	14	13	5	11	29	25	54

Date	E	C	W	D	I	T	E	C	W	D	I	T
OCT 22	0	4	6	10	28	38	0	4	0	4	8	12
OCT 23	0	4	0	4	6	10	6	0	0	6	14	20
OCT 24	0	3	0	3	2	5	0	3	0	3	15	18
OCT 25	0	1	0	1	2	3	9	7	0	16	21	37
OCT 26	0	0	0	0	1	1	1	3	0	4	4	8
OCT 27	0	0	0	0	1	1	0	2	0	2	13	15
OCT 28	0	3	0	3	7	10	0	1	0	1	55	56
OCT 29	2	2	0	4	7	11	0	2	2	4	13	17
OCT 30	0	6	0	6	5	11	0	0	0	0	8	8
OCT 31	0	0	1	1	4	5	0	3	3	6	9	15
NOV 01	0	0	0	0	0	0	5	7	10	22	18	40
NOV 02	0	0	0	0	1	1	2	9	0	11	26	37
NOV 03	0	0	0	0	1	1	2	15	0	17	38	55
NOV 04	0	1	0	1	1	2	0	10	0	10	5	15
NOV 05	0	2	0	2	1	3	0	7	0	7	19	26
NOV 06	1	0	0	1	1	2	0	5	0	5	18	23
NOV 07	0	2	0	2	0	2	2	13	0	15	22	37
NOV 08	1	0	1	2	1	3	0	8	3	11	35	46
NOV 09	1	0	2	3	1	4	0	5	0	5	21	26
NOV 10	0	2	0	2	3	5	0	71	0	71	28	99
NOV 11	0	3	0	3	2	5	0	9	0	9	51	60
NOV 12	0	0	0	0	2	2	0	2	0	2	19	21
NOV 13	0	1	0	1	2	3	0	0	3	3	28	31
NOV 14	0	0	2	2	1	3	0	0	5	5	7	12
NOV 15	1	1	2	4	3	7	0	0	10	10	6	16
NOV 16	0	0	2	2	2	4	6	0	0	6	12	18
NOV 17	0	2	0	2	2	4	0	3	0	3	1	4
NOV 18	0	3	0	3	2	5	0	3	0	3	8	11
NOV 19	0	1	0	1	2	3	0	2	0	2	13	15
NOV 20	0	3	0	3	4	7	2	4	4	10	12	22
NOV 21	0	3	0	3	2	5	0	2	2	4	17	21
NOV 22	0	100	0	100	5	105	0	1	6	7	7	14
NOV 23	0	0	0	0	1	1	0	3	0	3	6	9
NOV 24	0	0	0	0	2	2	1	6	0	7	11	18
NOV 25	0	0	0	0	1	1	2	4	0	6	5	11
NOV 26	0	0	0	0	1	1	0	6	0	6	4	10
NOV 27	0	1	0	1	1	2	0	8	1	9	27	36
NOV 28	3	0	0	3	2	5	16	13	6	35	50	85
NOV 29	5	0	0	5	1	6	4	8	10	22	32	54
NOV 30	2	1	0	3	2	5	0	30	0	30	36	66
DEC 1	0	2	0	2	12	14	0	4	3	7	16	23
DEC 2	2	1	0	3	4	7	0	4	0	4	24	28
DEC 3	0	2	0	2	1	3	0	6	0	6	43	49

Date	E	C	W	D	I	T	E	C	W	D	I	T
DEC 4	0	1	1	2	2	4	13	0	0	13	77	90
DEC 5	3	1	0	4	12	16	0	4	0	4	36	40
DEC 6	1	2	2	5	51	56	5	4	0	9	45	54
DEC 7	16	14	0	30	57	87	22	5	60	87	33	120
DEC 8	1	3	1	5	6	11	20	15	7	42	27	69
DEC 9	0	15	0	15	27	42	0	32	2	34	32	66
DEC 10	0	75	1	76	27	103	0	63	20	83	71	154
DEC 11	0	59	0	59	14	73	0	17	129	146	63	209
DEC 12	0	20	0	20	17	37	0	345	171	516	217	733
DEC 13	0	7	0	7	3	10	0	261	395	656	397	1053
DEC 14	0	1	1	2	2	4	0	40	137	177	124	301
DEC 15	0	1	0	1	2	3	0	31	0	31	94	125
DEC 16	0	1	0	1	1	2	0	13	3	16	41	57
DEC 17	0	2	0	2	2	4	0	15	107	122	68	190
DEC 18	1	1	0	2	1	3	0	0	3	3	67	70
DEC 19	0	2	0	2	0	2	0	6	0	6	18	24
DEC 20	0	1	0	1	1	2	0	5	4	9	17	26
DEC 21	0	1	0	1	0	1	3	2	18	23	18	41
DEC 22	0	2	0	2	4	6	10	9	5	24	10	34
DEC 23	0	1	0	1	2	3	28	15	14	57	41	98
DEC 24	1	1	0	2	12	14	25	12	1	38	14	52
DEC 25	0	0	5	5	11	16	4	0	0	4	13	17
DEC 26	3	9	67	79	30	109	17	0	0	17	19	36
DEC 27	12	0	10	22	34	56	1	100	0	101	20	121
DEC 28	13	3	7	23	15	38	0	7	0	7	42	49
DEC 29	20	11	0	31	27	58	0	5	0	5	25	30
DEC 30	1	29	0	30	12	42	78	8	0	86	30	116
DEC 31	1	0	0	1	30	31	2	14	0	16	34	50

C - the FI for LDE-type flares located from E44° to W44° on the Sun;
W - the same as above but for LDE-type flares located from W45° to W90°;
D - the soft X–ray flare index of all LDE-type flares observed in the given day;
I - the daily flare index of the impulsive–type flares;
T - the daily flare index of all soft X-ray flares (total, T = D + I).

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