

SUNSPOT - BULLETIN

1983 , No. 3

Provisional Sunspot - Numbers for MARCH 1983

Dependent on observations at Locarno Specola Solare ,
 complemented by an international network and
 determined at the Observatoire Royal de Belgique.
 Thirty cooperating stations on April 1st , 1100 UT

Day	R _i	Day	R _i
1	109	16	63
2	93	17	74
3	86	18	83
4	93	19	82
5	108	20	82
6	82	21	83
7	77	22	70
8	68	23	63
9	74	24	60
10	55	25	48
11	49	26	70
12	32	27	72
13	12	28	48
14	24	29	50
15	44	30	72
		31	37

MEAN = 66.5

Predictions of the smoothed
 monthly Sunspot - Numbers

Classical Method

1983 Apr. 83	1983 Jul. 77	1983 Apr. 83	Jul. 77
May 81	Aug. 75	May 81	Aug. 75
Jun. 79	Sep. 74	Jun. 79	Sep. 74

Brussels , April 1st , 1983

A . Koockelenbergh .

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S.I.D.C. SUMMARY OF URSIGRAMS

1983 MARCH $r_{im} = 66.5$

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
R_I'	109	93	86	93	108	82	77	68	74	55	49	32	12	24	44
PPSI	62	83	74	76	72	77	56	41	27	22	10	4	1	3	17
10,7cm	148	141	143	146	149	141	134	130	124	117	104	104	97	97	103
COS	117	119	111	120	118	122	111	102	101	108	114	108	113	108	107
XFI	18	9	6	7	6	8	1	25	13	23	2	10	0	12	4
XI	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	1/0	0/0	1/0	0/0	0/0	0/0
A_K	21	59	31	31	25	12	9	8	9	10	25	49	23	25	17

SSC

MAG
ST.

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
R_I'	63	74	83	82	82	83	70	63	60	48	70	72	48	50	72	37
PPSI	14	51	69	47	89	61	55	36	19	14	16	11	25	53	12	
10,7cm	109	116	119	119	122	117	118	117	118	118	118	110	105	99	101	99
COS	109	113	101	103	99	98	99	95	98	93	104	100	87	89	89	
XFI	14	54	33	6	8	4	4	7	3	4	9	1	3	2	2	1
XI	0/0	6/0	2/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
A_K	11	12	27	21	27	18	10	10	13	30	11	4	32	29	24	22

1b

SSC

R_I' : provisional International Sunspot-Numbers .
 PPSI : Prompt Photometric Sunspot Index in 0.00001 W/m² .
 10.7 cm: 2800 MHz solar flux from the ursigrams .
 COS : Thousands of cosmic rays counts from the ursigrams .

XFI: X-flare Index from the SIDC .
 XI : X-flare Index from the ursigrams .
 A_K : Geomagnetic Index from the Meudon ursigrams .

OBSERVATOIRE ROYAL DE BELGIQUE

DEPARTEMENT 4 RADIOASTRONOMIE ET PHYSIQUE SOLAIRE

NOMBRES RELATIFS DE WOLF JOURNALIERS

PROVISOIRES

PROVISIONAL

SUNSPOT RELATIVE NUMBERS

STATION UCCLE BELGIUM

MARS 1983

DATE	UT	NOMBRE DE GROUPES	NOMBRE DE TACHES	NOMBRE DE WOLF	NOMB REL ZONE CENTRALE	PPSI 10-6 WM-2	QUAL	OBS
2	1410	7	36	106	64	804.	3	AK
3	1025	5	44	94	70	812.	3	AK
4	0840	6	56	116	86	770.	4	AK
5	0930	6	63	123	85	524.	3	AK
8	1010	4	30	70	16	447.	3	AK
12	1025	3	18	48	32	14.	4	AK
13	1005	3	8	38	27	13.	2	CG
16	0915	4	22	62	0	135.	3	HB
22	0950	5	16	66	37	576.	2	HB
25	1100	3	6	36	0	174.	2	HB
26	1040	6	11	71	0	220.	2	HB
28	0645	4	8	48	14	399.	2	HB
29	0900	4	7	47	24	525.	1	HR
31	1435	2	21	41	41	335.	4	AK

LE SOLEIL A ETE OBSERVE 14 JOURS SUR 31 POSSIBLES
LE NOMBRE RELATIF DE WOLF MOYEN EST DE 69.0

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