

Swiss Federal Observatory, Zürich (Switzerland)
 Sunspot Index Data Center (S.I.D.C.)
 c/o Dr. A.Koeckelenbergh - Avenue Circulaire 3
 B 1180 - Bruxelles(Belgium)

S U N S P O T - B U L L E T I N

1980, No. 12

Provisional Sunspot - Numbers for December 1980
 =====

Dependent on observations at Zürich Observatory
 and its station in Locarno, complemented by
 an international network and determined at the
 Observatoire Royal de Belgique

Day	R	Day	R
1	171	16	237
2	176	17	198
3	152	18	183
4	146	19	166
5	152	20	171
6	132	21	170
7	108	22	178
8	124	23	177
9	135	24	191
10	145	25	200
11	148	26	208
12	178	27	206
13	185	28	206
14	213	29	208
15	225	30	187
		31	182

Mean = 176,1

Predictions of the smoothed
 monthly Sunspot - Numbers
 =====

January, 1981	141	April, 1981	134
February	139	May	132
March	137	June	130

We thank all the cooperating Institutions and
 involved Observers for their past and future
 contributions to the determination of the
 relative Sunspot - Numbers.

Supports and comments relating to the transfer
 of the Service from Zürich to Brussels are
 acknowledged.

With best wishes for 1981.

Zürich, Brussels, January 2, 1981

A. Zelenka
 A. Koeckelenbergh

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