POSITIONS, AREAS, AND COUNTS OF SUNSPOTS FOR JANUARY 1947—Continued

Date	Eastern standard time	Mount Wilson group No.	Heliographic: Difference in longitude	Heliographic: Longitude	Heliographic: Latitude	Heliographic: Distance from center of disk	Area of spot or group	Spot count	Plate quality	Observatory
1947	*h m*		°	°	°	°				
Jan. 28	10 50	8380	−43	223	+9	46	12	4	F	U. S. Naval
		8377	+18	284	−21	23	267	16		
		8377	+25	291	−21	28	339	1		
		8375	+61	327	−17	62	97	2		
		8375	+66	332	−16	67	267	1		
		8370	+79	345	+21	80	48	1		
		8370	+81	347	+18	82	97	3		
		(4)		(266)	(−6)		1,127	28		
29	11 38	8382	−85	167	−17	85	242	4	VG	Do.
		8382	−75	177	−12	75	97	3		
		8381	−67	185	−11	67	24	1		
		8377	+32	284	−21	34	267	10		
		8377	+38	290	−21	40	339	4		
		8375	+75	327	−17	75	145	1		
		8375	+80	332	−16	80	242	1		
		(4)		(252)	(−6)		1,356	24		
30	11 56	8382	−80	159	−17	80	24	1	F	Do.
		8382	−73	166	−17	73	388	3		
		8381	−71	168	−13	71	194	1		
		8381	−61	178	−12	61	48	3		
		8381	−52	187	−10	52	12	1		
		8380	−11	228	+12	21	48	3		
		8380	−10	229	+9	18	12	2		
		8377	+44	283	−21	46	218	6		
		8377	+51	290	−20	53	388	3		
		(4)		(239)	(−6)		1,332	23		
31	12 2	8382	−68	158	−16	69	24	4	VG	Do.
		8382	−64	162	−13	64	145	3		
		8382	−60	166	−16	61	485	14		
		8382	−57	169	−14	57	388	4		
		8381	−45	181	−12	45	61	5		
		8381	−38	188	−9	38	24	2		
		8380	+3	229	+12	18	24	3		
		8377	+55	281	−20	56	145	4		
		8377	+64	290	−19	65	339	5		
		(4)		(226)	(−6)		1,635	44		

Mean daily area for 30 days=2,178
Mean 10 g+s for 30 days=141.7

*Not numbered.
VG=very good; G=good; F=fair; P=poor.

PROVISIONAL RELATIVE SUNSPOT NUMBERS FOR JANUARY 1947

[Dependent on observations at Zurich Observatory and its stations at Locarno and Arosa]

January 1947	Relative numbers	January 1947	Relative numbers	January 1947	Relative numbers
1	77	11	120	21	160
2	62	12	120	22	158
3	55	13	120	23	157
4	54	14	151	24	150
5	47	15	187	25	135
6	56	16	164	26	110
7	87	17	193	27	85
8	93	18	199	28	72
9	93	19	190	29	64
10	102	20	183	30	68
				31	84

Mean, 31 days=116.0