

Sunspots Observation 2017 MAY

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Year: 2017

Month: May

OBSERVER: German Morales C.  
Astronomia Sigma Octante

Instr.: SCT

Fl: 2000mm Aperture: 200mm Aperture stop used: 90mm

Method: Projection Image diameter: 140mm

Day	UT	Q	g	s	R	Ng	Ns	NR	Sg	Ss	SR	cR	CV	IS	M	Cld
1	1640	3	1	2	12	0	0	0	1	2	12	0	10	3		5
2	1640	4	2	12	32	1	10	20	1	2	12	20	38	14		0
3	1720	4	1	11	21	1	11	21	0	0	0	21	28	12		0
4	1710	3	1	8	18	1	8	18	0	0	0	18	28	9		5
5	1620	4	2	15	35	2	15	35	0	0	0	0	26	17		0
6	1620	3	2	12	32	2	12	32	0	0	0	16	17	14		0
7	1620	4	2	5	25	2	5	25	0	0	0	13	15	7		0
8	1610	3	1	1	11	1	1	11	0	0	0	0	1	1		0
9	1920	3	0	0	0	0	0	0	0	0	0	0	0	0		50
10																* 100
11	1730	3	0	0	0	0	0	0	0	0	0	0	0	0		30
12	1710	3	3	7	37	2	5	25	1	2	12	12	3	10		40
13	1640	3	1	2	12	0	0	0	1	2	12	0	1	3		30
14	1640	3	0	0	0	0	0	0	0	0	0	0	0	0		100 st.
15	1610	3	0	0	0	0	0	0	0	0	0	0	0	0		5
16	1730	3	1	2	12	1	2	12	0	0	0	0	4	3		100 st.
17	1640	3	1	1	11	1	1	11	0	0	0	0	10	1		15
18	1710	3	2	5	25	1	2	12	1	3	13	0	14	7		60
19	1910	4	2	5	25	1	2	12	1	3	13	25	17	7		15
20	1510	3	2	6	26	1	4	14	1	2	12	26	14	8		10
21	1630	4	3	16	46	2	11	31	1	5	15	30	45	19		0
22	1610	3	4	17	57	2	6	26	2	11	31	57	28	21		40
23																! 100
24	1920	3	1	12	22	1	12	22	0	0	0	22	28	13		70
25																* 100
26	1820	3	1	12	22	1	12	22	0	0	0	0	28	13		50
27	1540	3	1	10	20	1	10	20	0	0	0	0	25	11		70
28																* 100
29	1710	3	0	0	0	0	0	0	0	0	0	0	0	0		50
30	1840	3	0	0	0	0	0	0	0	0	0	0	0	0		80
31	1430	3	0	0	0	0	0	0	0	0	0	0	0	0		60

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Sunspots observation summary

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Astronomia Sigma Octante

Monthly Mean R = 18.6

NR = 13.7 SR = 4.9 cR = 9.6

CV = 14.1 IS = 7.1

Q = 3.2 Cld = 41.5%

The Sun has been observed 27 days on 31 possible.  
4 cloudy days impede observe the Sun

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Column Headings

UT: UTC at middle of observation

Q: Quality seeing

1 Bad, 2 Poor, 3 Fair, 4 Good, 5 Excelent

R: Wolf relative number for whole disc

g: Total Groups, s: Total Spots

NR: Wolf Relative number North hemisphere

Ng: North Groups, Ns: North Spots

SR: Wolf Relative number South hemisphere

Sg: South Groups, Ss: South Spots

cR: Wolf Relative number Central

CV: Classification Value after Malde for whole disc

IS: Inter Sol index for whole disc

M: ! Cloudy all day

\* Cloudy at observation hours

X Impossible to make any kind of observation

Cld: Percentage of cloudy sky

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