

Sunspots Observation 2016 MARCH

Year: 2016
 Month: March

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	Remarks
1	1410	3	4	22	62	3	13	43	1	9	19	45	48	26		10	
2	1820	3	5	21	71	4	14	54	1	7	17	0	47	24		50	
cirrus																	
3	1700	3	4	22	62	3	19	49	1	3	13	17	34	26		0	
4	1500	4	6	28	88	4	24	64	2	4	24	44	54	34		0	
5	1600	3	4	20	60	4	20	60	0	0	0	48	46	24		50	
cirrus																	
6	1600																
3	4	23	63	4	23	63	0	0	0	50	43	27	25				
7	1930	3	4	10	50	4	10	50	0	0	0	38	31	14		75	
8	1600	4	5	21	71	5	21	71	0	0	0	40	56	26		10	
9	1940	3	5	16	66	5	16	66	0	0	0	30	53	20		80	
10	2110	3	4	12	52	4	12	52	0	0	0	0	37	16		100	st.
cirrus																	
11	1540	4	3	8	38	3	8	38	0	0	0	16	24	9		5	
12	1550	3	4	18	58	4	18	58	0	0	0	0	55	22		30	
13	1520	3	3	17	47	3	17	47	0	0	0	35	39	20		5	
14	2030	3	3	17	47	3	17	47	0	0	0	33	42	20		25	
15	1540	4	6	29	89	5	24	74	1	5	15	58	45	35		0	
16	1820	4	3	8	38	3	8	38	0	0	0	14	21	11		5	
17	1710	3	3	11	41	3	11	41	0	0	0	12	39	14		0	
18	1615	4	3	14	44	3	14	44	0	0	0	12	40	16		0	
19	1610	3	2	15	35	2	15	35	0	0	0	0	36	17		60	
20	1550	4	2	10	30	2	10	30	0	0	0	0	36	12		0	
21	1805	3	1	8	18	1	8	18	0	0	0	18	25	9		5	
22	1550	3	1	9	19	1	9	19	0	0	0	19	26	10		100	
cirrus																	
23	1810	4	1	10	20	1	10	20	0	0	0	20	29	11		0	
24	1700	3	2	12	32	1	7	17	1	5	15	0	36	14		60	
cirrus																	
25	1550	3	2	15	35	1	8	18	1	7	17	0	36	17		35	
26	1600	3	2	12	32	1	5	15	1	7	17	0	20	14		10	
cirrus																	
27	1600	4	2	9	29	1	2	12	1	7	17	0	20	11		0	
28	1800	3	1	10	20	0	0	0	1	10	20	20	25	11		25	
29	1620	3	1	7	17	0	0	0	1	7	17	17	10	8		0	
30	1810	3	1	5	15	0	0	0	1	5	15	15	10	6		0	
31	1700	3	1	4	14	0	0	0	1	4	14	14	10	5		5	

Sunspots observation summary

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Monthly Mean R = 44.0
 NR = 36.9 SR = 7.1 cR = 19.8
 CV = 34.6 IS = 17.1
 Q = 3.3 Cld = 24.8%

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

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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