

# **HVAR SOLAR TELESCOPE**

**Observer logbook**

**2012**

## Notes:

- All observation times are in local time (Hvar)
  - from 25.3.2012 summer time: UTC **+2h**
  - from 28.10.2012 winter time: UTC **+1h**

Final mark consists of Weather conditions (picture quality) and the size / extent (e.g. flare level) of events observed. Marks are between 1 and 5: e.g. **1 bad picture quality and no solar activity** (flares) and **5 best picture quality and high solar activity**.

- from **02.09.2012 – 12.10.2012**: photospheric computer malfunction (HDD failure) – there **are no photospheric observations (WL)** in that period
- Both CCD cameras are dismounted from the telescope after 30.10.2012

Date: 11.01.2012			
Obs. start	12:00	Obs. end	12:30
Observed regions		Remarks	
11395, 11391		C 1.6 (11395) 11:12 UTC	
Weather	Blurry picture		
Note			
Final mark	2-3		

Date: 12.01.2012			
Obs. start	09:00	Obs. end	14:00
Observed regions		Remarks	
11391		White spots	
Weather			
Note			
Final mark	2		

Date: 16.01.2012			
Obs. start	09:00	Obs. end	14:15
Observed regions		Remarks	
11401/11402		C5.5(11401) 10:38 UTC, prominences on the edge	
Weather	Strong turbulences, blurry picture		
Note			
Final mark	2-3		

Date: 17.01.2012			
Obs. start	08:30	Obs. end	14:00
Observed regions		Remarks	
11401/11402/11405		No activity	
Weather	Blurry picture in the afternoon		
Note			
Final mark	2		

Date: 18.01.2012			
Obs. start	08:20	Obs. end	13:30
Observed regions		Remarks	
11401/11402/1405		C1.0 (11401) 09:54 UTC C2.4 (11401) 10:30 UTC B9.6 (11402) 12:30 UTC	

Weather	Clouds occasionally
Note	
Final mark	3

Date: 19.01.2012			
Obs. start	10:30	Obs. end	13:00
Observed regions		Remarks	
11401/11402/11405		Filament	
Weather	Clouds during almost the whole day		
Note			
Final mark	2		

Date: 23.01.2012			
Obs. start	09:00	Obs. end	14:00
Observed regions		Remarks	
11401/11402		No activity	
Weather	Strong SE wind (jugo), turbulences		
Note			
Final mark	2		

Date: 26.01.2012			
Obs. start	10:00	Obs. end	14:00
Observed regions		Remarks	
11401/11402		C2.7 (11402) 10:11 UTC	
Weather	NE wind (bura), turbulences		
Note			
Final mark	2-3		

Date: 27.01.2012			
Obs. start	09:00	Obs. end	14:00
Observed regions		Remarks	
11402, 11410		Prominence	
Weather	Cold, blurry picture		
Note			
Final mark	2		

Date: 30.01.2012			
Obs. start	09:30	Obs. end	14:15

Observed regions		Remarks
11410/11413		No activity
Weather	Clouds, bad picture	
Note		
Final mark	1-2	

Date: 31.01.2012			
Obs. start	09:00	Obs. end	12:00
Observed regions		Remarks	
11410, 11413		White spots	
Weather	Clouds during the whole day (bad picture)		
Note			
Final mark	1-2		

Date: 13.02.2012			
Obs. start	10:00	Obs. end	14:00
Observed regions		Remarks	
11419/11420		No activity	
Weather	Cold, blurry picture in the morning		
Note			
Final mark	2		

Date: 23.02.2012			
Obs. start	08:20	Obs. end	13:45
Observed regions		Remarks	
11423		B6.4 (11423) 08:50 UTC, Prominence	
Weather	Foggy		
Note			
Final mark	2-3		

Date: 24.02.2012			
Obs. start	08:40	Obs. end	14:00
Observed regions		Remarks	
11423		Prominences, smaller activity on the east edge	
Weather	Clouds in the morning		
Note			
Final mark	2-3		

Date: 27.02.2012			
Obs. start	09:50	Obs. end	11:00
Observed regions		Remarks	
11423/11424		no activity	
Weather	Very strong NE wind (bura), VERY bad picture		
Note			
Final mark	1		

Date: 28.02.2012			
Obs. start	09:15	Obs. end	13:25
Observed regions		Remarks	
11425/11426		Moving filaments	
Weather	From 12:00 very strong NE wind (bura), turbulences		
Note			
Final mark	2		

Date: 01.03.2012			
Obs. start	11:00	Obs. end	14:00
Observed regions		Remarks	
11426		White spots	
Weather	NE wind, clouds, bad picture		
Note			
Final mark	2		

Date: 08.03.2012			
Obs. start	08:00	Obs. end	14:00
Observed regions		Remarks	
11429/11430		C1.3 (11430) 08:38 UTC C1.7 (11430) 10:23 UTC	
Weather	Clouds occasionally		
Note			
Final mark	3-4		

Date: 12.03.2012			
Obs. start	7:50	Obs. end	13:45
Observed regions		Remarks	
11429/11430, 11432		C1.6 (11432) 12:09 UTC	

Weather	Blurry picture, strong N wind (tramontana)		
Note			
Final mark	2-3		

Date: 13.03.2012			
Obs. start	11:15	Obs. end	14:00
Observed regions		Remarks	
11429		Moving filament	
Weather	Clouds in the morning		
Note			
Final mark	2		

Date: 14.03.2012			
Obs. start	07:50	Obs. end	14:00
Observed regions		Remarks	
11429/11430		Smaller activity on the west edge	
Weather	Blurry picture in the morning		
Note			
Final mark	2-3		

Date: 15.03.2012			
Obs. start	08:45	Obs. end	14:00
Observed regions		Remarks	
11429 , 11432		Prominence, smaller eruption	
Weather	Blurry picture in the morning		
Note			
Final mark	2-3		

Date: 16.03.2012			
Obs. start	07:40	Obs. end	14:00
Observed regions		Remarks	
11432 , 11433		C1.1 (11432) 12:40 UTC	
Weather			
Note			
Final mark	3		

Date: 21.03.2012			
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Obs. start	10:20	Obs. end	14:00
Observed regions		Remarks	
11438		No activity	
Weather	Clouds in the morning		
Note			
Final mark	1		

Date: 22.03.2012			
Obs. start	09:00	Obs. end	11:30
Observed regions		Remarks	
11438, 11440		No activity	
Weather	Clouds during the whole day, bad picture		
Note			
Final mark	1		

Date:23.03.2012			
Obs. start	10:20	Obs. end	14:00
Observed regions		Remarks	
11445		Smaller eruption on the east edge, prominence	
Weather	Cloudy		
Note			
Final mark	2		

Date: 26.03.2012			
Obs. start	08:40	Obs. end	14:00
Observed regions		Remarks	
11445		Moving filaments	
Weather	Clouds in the morning, small turbulences		
Note			
Final mark	2-3		

Date: 27.03.2012			
Obs. start	08:45	Obs. end	14:15
Observed regions		Remarks	
11445		No activity, filaments	
Weather	Clouds in the morning, NE wind (bura)		
Note			
Final mark	2		



Date: 28.03.2012			
Obs. start	08:50	Obs. end	12:00
Observed regions			Remarks
11445			no activity
Weather	Cloudy in the morning, strong wind, bad picture		
Note			
Final mark	1		

Date: 29.03.2012			
Obs. start	09:15	Obs. end	14:00
Observed regions			Remarks
11445, 11448			Moving filaments
Weather	Foggy		
Note			
Final mark	2-3		

Date: 30.03.2012			
Obs. start	09:45	Obs. end	14:00
Observed regions			Remarks
11450			Small activity on the east edge
Weather	Clouds in the morning		
Note			
Final mark	2		

Date: 01.04.2012			
Obs. start	15:45	Obs. end	18:00
Observed regions			Remarks
11450/1451			Filament, no activity
Weather	Cloudy		
Note			
Final mark	1-2		

Date: 02.04.2012			
Obs. start	08:30	Obs. end	14:00
Observed regions			Remarks
11451			Moving filaments, smaller eruption

Weather	
Note	
Final mark	3

Date: 10.04.2012			
Obs. start	08:30	Obs. end	13:00
Observed regions		Remarks	
E		No activity	
Weather	Cold, clouds in the morning		
Note			
Final mark	1-2		

Date: 18.04.2012			
Obs. start	07:40	Obs. end	12:38
Observed regions		Remarks	
11462, 11462		B8.9 (11462) 09:43 UTC	
Weather	Strong N wind (tramontana), turbulences		
Note			
Final mark	3		

Date: 21.4.2012			
Obs. start	10:38	Obs. end	15:32
Observed regions		Remarks	
11462/11463, 11465		Small activity	
Weather	Clouds occasionally, good visibility		
Note	Observer: JC		
Final mark	1-2		

Date: 25.04.2012			
Obs. start	09:45	Obs. end	13:38
Observed regions		Remarks	
11459, 11469		No activity	
Weather	Clouds during the whole morning		
Note			
Final mark	1-2		

Date: 27.04.2012			
Obs. start	08:20	Obs. end	13:37

Observed regions		Remarks
11469, 11466/11467, 11465		C 2.4 (11465) 11:02 UTC
Weather		
Note		
Final mark	3	

Date: 28.4.2012			
Obs. start	11:15	Obs. end	15:01
Observed regions		Remarks	
11466/11468		B7.3 (11466) 12:15 UTC	
Weather	Strong SE wind (jugo), good visibility, turbulences		
Note	Observer: JC		
Final mark	2-3		

Date: 29.4.2012			
Obs. start	12:30	Obs. end	17:54
Observed regions		Remarks	
11470/11471		Small eruptions, moving filaments	
Weather	High clouds		
Note	Observer: JC		
Final mark	1-2		

Date: 30.4.2012			
Obs. start	11:05	Obs. end	15:10
Observed regions		Remarks	
11471/11472		C2.4 (11471) 09:17 UTC	
Weather	High clouds, clouds in the afternoon		
Note	Observer: JC		
Final mark	2		

Date: 01.05.2012			
Obs. start	11:10	Obs. end	15:55
Observed regions		Remarks	
11471		No activity	
Weather			
Note	Observer: JC		
Final mark	1-2		

Date: 02.05 2012			
Obs. start	08:18	Obs. end	18:02
Observed regions		Remarks	
11471/11472, 11469, 11473		B7.5 (11469) 16:41 UTC, moving filament	
Weather	Foggy		
Note			
Final mark	2-3		

Date: 03.05.2012			
Obs. start	09:40	Obs. end	14:21
Observed regions		Remarks	
11474, 11471, 11469		C1.0 (11469) 13:06 UTC	
Weather	Clouds early in the morning, high clouds		
Note			
Final mark	2-3		

Date: 04.05.2012			
Obs. start	07:40	Obs. end	15:49
Observed regions		Remarks	
11470, 11469		Small white spot, filament	
Weather			
Note			
Final mark	2		

Date: 05.05.2012			
Obs. start	10:45	Obs. end	18:00
Observed regions		Remarks	
11476		C6.8 (11476) 09:35 UTC C2.3 (11476) 10:59 UTC C2.7 (11476) 13:16 UTC M1.4 (111476) 13:23 UTC	
Weather	High clouds in the morning		
Note	Resolution 10 sec, observer: JC		
Final mark	4		

Date: 07.05.2012			
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Obs. start	09:50	Obs. end	18:05
Observed regions		Remarks	
11476, 11471		C1.1 (11476) 10:33 UTC C7.9 (11476) 11:08 UTC C1.1 (11476) 12:41 UTC M1.9 (11471) 14:31 UTC, (beginning is missing)	
Weather	Clouds in the morning, SE wind (jugo)		
Note			
Final mark	3-4		

Date: 08.05.2012			
Obs. start	08:00	Obs. end	15:53
Observed regions		Remarks	
11476, 11475		C 1.9 (11476) 08:36 UTC C 1.7 (11476) 09:24 UTC C 1.8 (11476) 10:39 UTC M1.4 (11476) 13:08 UTC	
Weather	Good visibility, N wind (tramontana)		
Note			
Final mark	3-4		

Date: 09.05.2012			
Obs. start	09:08	Obs. end	16:50
Observed regions		Remarks	
11476, 11477		C 1.3 (11476) 08:41 UTC C 1.3 (11476) 09:50 UTC M 4.7 (11476) 12:32 UTC Resolution 10 sec, M 1.8 (11476) 14:08 UTC	
Weather	Clouds in the morning, excellent atmosphere transparency		
Note			
Final mark	4-5		

Date: 10.05.2012			
Obs. start	07:50	Obs. end	18:55
Observed regions		Remarks	
11476		C3.1 (11476) 06:01 UTC C3.6 (11476) 06:22 UTC C1.4 (11476) 07:35 UTC	

	C1.0 (11476) 10:35 UTC C1.1 (11476) 12:15 UTC C2.2 (11476) 12:37 UTC C1.9 (11476) 13:15 UTC C4.7 (11476) 13:40 UTC C4.2 (11476) 13:57 UTC
Weather	
Note	From 18:10 upside-down picture (position of the telescope)
Final mark	4

Date: 11.05.2012			
Obs. start	07:20	Obs. end	18:05
Observed regions		Remarks	
11476		C1.1 (11476) 05:27 UTC C1.3 (11476) 05:37 UTC C1.2 (11476) 07:05 UTC C1.2 (11476) 07:43 UTC C1.7 (11476) 08:16 UTC C2.8 (11476) 08:35 UTC C2.3 (11476) 09:46 UTC C1.3 (11476) 10:16 UTC C1.2 (11476) 11:22 UTC C1.5 (11476) 12:16 UTC C4.3 (11476) 13:05 UTC C3.5 (11476) 14:23 UTC	
Weather	Turbulences, blurry picture		
Note			
Final mark	3-4		

Date: 12.5.2012			
Obs. start	08:01	Obs. end	16:50
Observed regions		Remarks	
11476		C1.7 (11476) 06:55 UTC C1.5 (11476) 07:15 UTC C1.4 (11476) 09:24 UTC C1.4 (11476) 12:48 UTC C2.5 (11476) 13:25 UTC	
Weather	Transparent atmosphere		
Note	Observer: JC		
Final mark	4		

Date: 13.05.2012			
Obs. start	07:58	Obs. end	09:15
Observed regions		Remarks	
11476			
Weather	Cloudy, strong wind		
Note			
Final mark	1		

Date: 15.05.2012			
Obs. start	08:22	Obs. end	13:00
Observed regions		Remarks	
11476		C1.7 (11476) 09:45 UTC	
Weather	Cloudy, observing thru the clouds		
Note			
Final mark	2		

Date: 16.05.2012			
Obs. start	07:40	Obs. end	10:00
Observed regions		Remarks	
11476		no activity	
Weather	Clouds		
Note			
Final mark	2		

Date: 17.05.2012			
Obs. start	11:58	Obs. end	14:00
Observed regions		Remarks	
11476		No activity, small prominence	
Weather	Clouds and rain in the morning, strong wind		
Note			
Final mark	2		

Date: 18.05.2012			
Obs. start	07:44	Obs. end	13:00
Observed regions		Remarks	
11486		No activity	
Weather	Blurry picture		

Note	
Final mark	2

Date: 06.06.2012			
Obs. start	05:20	Obs. end	14:00
Observed regions		Remarks	
Transit of Venus across the Sun, 11498/11496		Moving filaments	
Weather			
Note			
Final mark	4-5		

Date: 29.06.2012			
Obs. start	08:00	Obs. end	13:50
Observed regions		Remarks	
11513 , 11514/11515		C6.2 (11515) 06:47 UTC C2.9 (11515) 08:22 UTC M2.2 (11513) 09:20 UTC	
Weather			
Note			
Final mark	4-5		

Date: 30.06.2012			
Obs. start	11:00	Obs. end	17:50
Observed regions		Remarks	
11514/11515, 11513/11516		B8.6 (11515) 10:11 UTC C2.7 (11514) 10:57 UTC M1.0 (11513) 12:52 UTC (only end)	
Weather	Image at moments blurred, otherwise quite good		
Note	Observer: JC		
Final mark	3-4		

Date: 01.07.2012			
Obs. start	12:40	Obs. end	18:00
Observed regions		Remarks	
11513/11516, 11514/11515		Filaments, C2.4 (11513) 15:32 UTC	



Weather	
Note	Observer: JC
Final mark	2

Date: 02.07.2012			
Obs. start	07:20	Obs. end	15:00
Observed regions		Remarks	
11515		C2.1 (11515) 07:07 UTC C2.4 (11515) 08:55 UTC C2.9 (11515) 10:37 UTC M5.6 (11515) 10:52 UTC	
Weather	Small turbulences		
Note			
Final mark	4-5		

Date: 03.07.2012			
Obs. start	07:00	Obs. end	18:00
Observed regions		Remarks	
11515		C2.8 (11515) 06:09 UTC C2.0 (11515) 12:15 UTC C2.2 (11515) 13:06 UTC C4.2 (11515) 13:59 UTC C8.2 (11515) 14:41 UTC C4.1 (11515) 15:22 UTC	
Weather	Strong wind, strong turbulences		
Note			
Final mark	3		

Date: 04.07.2012			
Obs. start	08:10	Obs. end	17:10
Observed regions		Remarks	
11515		C6.7 (11515) 09:06 UTC M5.3 (11515) 09:55 UTC C5.8 (11515 ) 11:17 UTC M2.3 (11515) 12:24 UTC C5.6 (11515) 14:13 UTC M1.3 (11515) 14:40 UTC C8.2 (11515) 14:49 UTC	
Weather			
Note			

Final mark	4-5
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Date: 05.07.2012	
Obs. start	07:15
Obs. end	18:10
Observed regions	Remarks
11515	C3.8 (11515) 05:49 UTC C3.2 (11515) 06:03 UTC M1.1 (11515) 06:58 UTC M1.3 (11515) 07:45 UTC C5.0 (11515) 09:08 UTC C5.8 (11515) 09:20 UTC M1.8 (11515) 10:48 UTC M6.1 (11515) 11:44 UTC M1.2 (11514) 13:18 UTC C4.0 (11515) 14:18 UTC C8.3 (11515) 14:45 UTC C6.2 (11515) 15:59 UTC
Weather	
Note	
Final mark	5

Date: 06.07.2012	
Obs. start	07:20
Obs. end	18:08
Observed regions	Remarks
11515	C7.4 (11515) 07:07 UTC C3.8 (11515) 09:18 UTC M1.8 (11515) 10:29 UTC C5.0 (11514) 16:05 UTC
Weather	Turbulences
Note	
Final mark	3-4

Date: 07.07.2012	
Obs. start	10:30
Obs. end	15:50
Observed regions	Remarks
11515	C6.4 (11515) 10:44 UTC M2.6 (11515) 11:03 UTC C2.4 (11515) 12:13 UTC C3.9 (11515) 13:14 UTC
Weather	

Note	Observer: JC
Final mark	3-4

Date: 08.07.2012			
Obs. start	11:00	Obs. end	16:30
Observed regions		Remarks	
11520		C6.1 (11520) 13:02 UTC	
Weather	Relatively good image		
Note	Observer: JC		
Final mark	3		

Date: 09.07.2012			
Obs. start	07:15	Obs. end	16:15
Observed regions		Remarks	
11520		C7.9 (11520) 08:30 UTC	
Weather	Clouds in the afternoon		
Note			
Final mark	2-3		

Date: 10.07.2012			
Obs. start	07:18	Obs. end	18:02
Observed regions		Remarks	
11519/11520/11521		M 1.7 (11520) 05:14 UTC (the end) M2.0 (11520) 06:27 UTC C4.5 (11519) 08:34 UTC C4.1 (11521) 09:04 UTC C5.5 (11520) 12:24 UTC C4.6 (11520) 12:44 UTC C8.2 (11521) 13:45 UTC C5.6 (11520) 15:45 UTC	
Weather			
Note			
Final mark	3-4		

Date: 11.07.2012			
Obs. start	07:15	Obs. end	18:10
Observed regions		Remarks	
11520 / 11521		C3.4 (11521) 05:33 UTC	

	C9.9 (11521) 08:31 UTC C1.9 (11520) 16:02 UTC
Weather	Blurry picture
Note	
Final mark	3

Date: 12.07.2012			
Obs. start	10:20	Obs. end	12:50
Observed regions		Remarks	
11520 /11521		C3.1 (11520) 08:05 UTC (end only)	
Weather	Clouds		
Note			
Final mark	2		

Date: 19.07.2012			
Obs. start	08:00	Obs. end	14:00
Observed regions		Remarks	
11520		M7.7 (11520) 05:58 UTC (recorded from 06:13 UTC) nice post flare loops on the solar disc edge (prominence)	
Weather			
Note			
Final mark	4		

Date: 20.07.2012			
Obs. start	11:45	Obs. end	12:15
Observed regions		Remarks	
11526		no activity	
Weather			
Note	due to no activity, only few pictures are taken at 11:53		
Final mark	1		

Date: 24.07.2012			
Obs. start	08:40	Obs. end	08:55
Observed regions		Remarks	
11529/11530		No activity	
Weather	Clouds, strong wind		

Note	due to no activity, only few pictures are taken at 08:00		
Final mark	1		

Date: 30.07.2012			
Obs. start	08:30	Obs. end	13:55
Observed regions		Remarks	
11532, 11535		C2.4 (11532) 07:10 UTC	
Weather			
Note			
Final mark	3		

Date: 31.07.2012			
Obs. start	08:25	Obs. end	14.00
Observed regions		Remarks	
11538		Small activity	
Weather			
Note			
Final mark	2-3		

Date: 01.08.2012			
Obs. start	08:00	Obs. end	14:00
Observed regions		Remarks	
11538/11536, 11532		C1.5 (11532) 09:50 UTC (the end)	
Weather	Foggy		
Note			
Final mark	2-3		

Date: 02.08.2012			
Obs. start	07:50	Obs. end	13:55
Observed regions		Remarks	
11538		Filament, prominences on the edge	
Weather	Turbulences (wind)		
Note			
Final mark	3		

Date: 03.08.2012			
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Obs. start	08:00	Obs. end	12:40
Observed regions		Remarks	
11538		C1.4 (11538) 08:11 UTC	
Weather			
Note			
Final mark	3		

Date: 08.08.2012			
Obs. start	08:38	Obs. end	14:21
Observed regions		Remarks	
11542		C4.9 (11542) 11:32 UTC	
Weather	Turbulences		
Note			
Final mark	3		

Date: 09.08.2012			
Obs. start	07:45	Obs. end	14:00
Observed regions		Remarks	
11542/11540, 11544		C1.1 (11544) 07:10 UTC C8.4 (11542) 11:47 UTC	
Weather	Foggy		
Note			
Final mark	3		

Date: 17.08.2012			
Obs. start	08:00	Obs. end	14:30
Observed regions		Remarks	
11546		no activity	
Weather			
Note	due to no activity, only few pictures were taken at 08:05 - 08:07		
Final mark	1		

Date: 20.08.2012			
Obs. start	08:05	Obs. end	13:31
Observed regions		Remarks	
11546		No activity	
Weather			
Note	due to no activity, only few pictures were taken at 08:45 - 09:03		
Final mark	1		

Date: 21.08.2012			
Obs. start	08:00	Obs. end	13:30
Observed regions		Remarks	
11552		No activity	
Weather			
Note	due to no activity, only few pictures were taken at 08:26 - 08:49		
Final mark	1		

Date: 22.08.2012			
Obs. start	08:05	Obs. end	13:40
Observed regions		Remarks	
11552		No activity	
Weather			
Note			
Final mark	1-2		

Date: 23.08.2012			
Obs. start	08.30	Obs. end	13.45
Observed regions		Remarks	
11552		Filament	
Weather			
Note			
Final mark	2		

Date: 24.08.2012			
Obs. start	08:30	Obs. end	13:45
Observed regions		Remarks	
11552		No activity	
Weather			
Note	due to no activity, only pictures were taken at 08:48 in WL (photosphere)		
Final mark	1		

Date: 28.08.2012			
Obs. start	10:20	Obs. end	14:00
Observed regions		Remarks	
11558		Quiet prominence	
Weather			

Note	
Final mark	2

Date: 29.08.2012			
Obs. start	10:20	Obs. end	10:50
Observed regions		Remarks	
11558		Filament	
Weather			
Note			
Final mark	2		

Date: 30.08.2012			
Obs. start	9:00	Obs. end	13:50
Observed regions		Remarks	
11562, 11563		C1.1 (11562) 07:58 UTC C1.6 (11562) 08:23 UTC C2.3 (11562) 08:39 UTC C2.7 (11562) 08:57 UTC C7.6 (11562) 09:12 UTC Filament	
Weather	Clouds in the morning		
Note			
Final mark	3		

Date: 31.08.2012			
Obs. start	08:00	Obs. end	13:00
Observed regions		Remarks	
11562 /11563, 11560		C2.9 (11560) 07:21 UTC C1.8 (11563) 09:54 UTC C1.9 (11563) 10:04 UTC Filament	
Weather	SE wind (jugo)		
Note			
Final mark	2-3		

Date: 02.09.2012			
Obs. start	12:10	Obs. end	17:15
Observed regions		Remarks	
11563/11564, 11560		Moving filament	



Weather	Clouds
Note	As a result of a hard disk failure on the photosphere computer, photosphere data are lost Observer: JC
Final mark	2-3

Date: 09.09.2012			
Obs. start	09:46	Obs. end	17:20
Observed regions		Remarks	
11563/11564, 11566		Small flares	
Weather			
Note	No photosphere observations Observer: MD, JC		
Final mark	1-2		

Date: 10.09.2012			
Obs. start	09:00	Obs. end	14:10
Observed regions		Remarks	
11563/11564		C1.9 (11564) 09:22 UTC C1.6 (11564) 10:18 UTC	
Weather			
Note	No photosphere observations		
Final mark	2-3		

Date: 11.09.2012			
Obs. start	09:00	Obs. end	14:00
Observed regions		Remarks	
11569		No activity	
Weather			
Note	No photosphere observations		
Final mark	1		

Date: 04.10.2012			
Obs. start	09:00	Obs. end	14:00
Observed regions		Remarks	
11585		No activity	
Weather			
Note	No photosphere observations		
Final mark	1		

Date: 10.10.2012			
Obs. start	09:25	Obs. end	14:45
Observed regions		Remarks	
11589, 11590		Small activity	
Weather	Good visibility		
Note	No photosphere observations		
Final mark	2		

Date: 11.10.2012			
Obs. start	10:44	Obs. end	13:50
Observed regions		Remarks	
11589, 11590		C1.2 (11590) 09:24 UTC	
Weather			
Note	No photosphere observations		
Final mark	2-3		

Date: 14.10.2012			
Obs. start	13:20	Obs. end	16:32
Observed regions		Remarks	
11591		C1.0 (11591) 12:52 UTC	
Weather	Turbulences		
Note	Observer: JC		
Final mark	2-3		

Date: 17.10.2012			
Obs. start	09:40	Obs. end	16:35
Observed regions		Remarks	
11589, 11593/11596		Small prominences, filaments	
Weather	High clouds, good picture		
Note			
Final mark	2-3		

Date: 18.10.2012			
Obs. start	08:40	Obs. end	13:45
Observed regions		Remarks	

11596	Small prominences, movement of filaments
Weather	good picture
Note	
Final mark	2

Date: 19.10.2012			
Obs. start	10:00	Obs. end	15:50
Observed regions		Remarks	
11596		White spots	
Weather	good picture, turbulences		
Note			
Final mark	2		

Date: 20.10.2012			
Obs. start	10:20	Obs. end	13:45
Observed regions		Remarks	
11596		No activity	
Weather	good picture		
Note	Observer: JC		
Final mark	2		

Date: 21.10.2012			
Obs. start	10:40	Obs. end	16:35
Observed regions		Remarks	
11598		C1.1 (11598) 11:07 UTC C1.8 (11598) 13:06 UTC	
Weather	High clouds		
Note	Observer: JC		
Final mark	3		

Date: 22.10.2012			
Obs. start	09:00	Obs. end	16:20
Observed regions		Remarks	
11598, 11596		B9.4 (11596), 09:07 UTC	
Weather	High humidity		

Note	
Final mark	3

Date: 23.10.2012			
Obs. start	08:00	Obs. end	14:45
Observed regions		Remarks	
11598, 11593		C1.6 (11598) 06:10 UTC	
Weather	High humidity		
Note			
Final mark	2		

Date: 24.10.2012			
Obs. start	08:55	Obs. end	14:00
Observed regions		Remarks	
11598		C1.7 (11598) 07:08 UTC C2.3 (11598) 09:08 UTC	
Weather			
Note			
Final mark	3		

Date: 25.10.2012			
Obs. start	08:00	Obs. end	17:15
Observed regions		Remarks	
11598		Smaller eruptions	
Weather	High humidity, bad picture		
Note			
Final mark	2		

Date: 26.10.2012			
Obs. start	08:45	Obs. end	13:30
Observed regions		Remarks	
11598		Smaller eruptions	
Weather	High humidity, cloudy, from 13:00 clouds		
Note			
Final mark	1-2		

Date: 30.10.2012			
Obs. start	10:30	Obs. end	14:00

Observed regions	Remarks
11602	No activity
Weather	NE wind (bura), strong turbulences
Note	
Final mark	1-2