

ROSA Observations Summary - December 2011

1 Summary of Filters Used

ROSA:

DAS 1: G band (4305Å)
DAS 2: Continuum (4170Å)
DAS 3: Ca II K core (3933.7Å)

Hard Cam:

H α Core (6562.8Å)

IBIS:

Calcium IR Triplet (8542Å) Andor 1
Whitelight (8300Å) Andor 2

2 Observations 9th December 2011

2.1 Filament

Pointing: N22.6, E17.7
Start: 15:15 UT
Stop: 16:28 UT

Darks: 18:25 UT
Flats: 18:42 UT

Camera	Exposure Time	Divider	Frames Per Second
DAS 1	20ms	1	30.3
DAS 2	28ms	1	30.3
DAS 3	225ms	7	4.32
H α	50ms	n/a	19.646Hz

2.2 AR 11372

Pointing: N8.8, E10.0

Start: 16:45 UT

Stop: 18:00 UT

Camera	Exposure Time	Divider	Frames Per Second
DAS 1	15ms	1	30.3
DAS 2	25ms	1	30.3
DAS 3	225ms	7	4.32
H α	50ms	n/a	19.646Hz

Flats: 18:04 UT

Darks: 18:22 UT

AF Targets: 18:29 UT

Grids: 18:37 UT

Dots: 18:32 UT

3 Observations 10th December 2011

3.1 Filament

Same as previous day.

Pointing: N21.6, E3

Start: 15:15 UT

Stop: 15:49 UT

3.2 AR 11371

Pointing: N17.9,W22.5

Start: 16:10 UT

Stop: 17:25 UT

Same exposures as filament.

Flats: 17:26 UT

3.3 AR 11372

Pointing: N7.6, W4.2

Start: 17:51 UT

Stop: 19:51 UT

Darks: 20:02 UT

Same exposures as the same AR on previous day.

4 Observations 11th December 2011

4.1 AR 1137?

Pointing: S17.1, E32.9

Start: 17:38 UT

Stop: 19:04 UT

Flats: 19:06 UT (ignore first in DAS1-5 as its too small)

Darks: 19:27 UT

Flats: 21:04

Camera	Exposure Time	Divider	Frames Per Second
DAS 1	20ms	1	30.3
DAS 2	28ms	1	30.3
DAS 3	225ms	7	5.05
DAS 5	125ms	4	7.57
DAS 6	125ms	4	7.57
H α	50ms	n/a	19.646Hz