

Nov 10 pointing -159 -368 AR11123

IBIS 15 pt scan plus speckle in the blue (6562.0) & red (6563.6) wing

ROSA two Fe filters 220ms

Ca + Bamler 370ms

G-band + 4170 20ms

Started at 15:05 UT .. clear sky, seeing very poor

changed pointing to the left side of AR11123 .. several spots .. B9-class flare

at 16:38 UT

flare had a fast rise and >40 min delay

a short duration B3 flare at 17:42, ended at 17:48

reduced ROSA exp. time for 3500 channel at 17:49

several small hard X-ray bursts in GOES 0.5-4.0 filter are seen, most of these are not seen in the 1-8 filter .. check optical data for counterparts

pointing on the DST was -314 -396

stopped ROSA at 17UT due to poor seeing

adding 50 speckle IBIS H alpha line centre to the previous setup

re-starting again at 17:10UT

stopped at 17:40 .. very poor seeing

got ~2hr of good data

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Nov 11 pointing -244 -378 AR11123

started at 15:15UT ..

C4.5 flare at 16:00UT

check white-light image at ~16:16UT for a plane seen in the image

seeing poor just after flare peak, also, in the decay phase

IBIS FFs were only done for the 115 pt scan, i.e. the H alpha line centre speckle was not included

got ~2hr of good data, last hr was poor seeing

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Nov 12 pointing +48 -426 (Hinode pointing +60 -421) .. had to move a small way

to get a better A0 lock for DST

IBIS not working .. using only ROSA

seeing very poor .. worst than the two previous days

started at 15UT

stopped at 18UT .. data not good enough to keep .. deleted

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13 Nov

started at 14:55 .. IBIS & ROSA both working

pointing at AR 11123 +255 -426

a moth got into the system at 17:23, also 1 hr previous .. pointing lost for ~2

min

bad seeing at 17:25 UT

re-cal. pointing at 18:55UT, therefore moved off-source

stopped at 18:55UT

got ~3hr of good data

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Nov 14 .. pointing AR11123 +440 -420

started at 14:55 UT

perhaps we got a B2 flare starting at 15UT .. ~15 min duration

changed IBIS cadence at 15:46 UT to ~7 frames/second == 23 sec cadence

lost tracking at 16:20 due to poor seeing, , re-started 1 min later

stopped at 16:40 UT due to clouds

got 1:45 hr of good data

moving to AR11124 trailing spot group

IBIS started at 17:22 UT seeing ok .. ROSA started at 17:28 UT  
stopped at 18:10 UT due to clouds

~45 mins of good data

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Nov 15 no data snow

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Nov 16 Ar 11124 leading sunspot

started at 14:55 UT

reduced IBIS frame rate at 15:02 UT

seeing still good at 16:45 UT

lots of small brightenings seen in H alpha

ROSA stopped 17:00 UT to delete some data

ROSA re-started again at 17:10 UT

VERY poor seeing from 17:20 UT

seeing gone at 17:39 UT

got ~2hr of very good data

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Nov 17 clear sky but high winds .. too much turbulence

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Nov 18 AR 11126 clear sky .. excellent seeing .. looking at leading spot

started at 15:03 UT

stopped at 17:04 UT

moving to trailing spot in AR11126

started at 17:07 UT .. two spots in the FOV

data around 18:59 UT bad because we had to move off image due to several  
moths in  
the FOV

IBIS working at 7.1 frames/sec

Stopped at 20:06 UT

5hr of excellent data