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Mauna Loa Solar Observatory Observer's Log  
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Thu Jan 31 17:33:09 GMT 2013

Year: 13 Doy: 031

Observer: waters

WEATHER COMMENT: Thu Jan 31 17:41:27 GMT 2013

temp 35f, wind 5mph from W, clear skies with haze in the saddle thinning but extending above the observatory. road was VERY icy

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Thu Jan 31 17:42:41 GMT 2013

Creating and testing new user accounts today, this morning I trying waters

\_\_\_\_end\_\_\_\_

Thu Jan 31 17:45:06 GMT 2013 CHIP Start Patrol

\*\*\*\*EVENT COMMENT BY BEN\*\*\*\*: Thu Jan 31 17:43:33 GMT 2013

Just missed an interesting prominence seen in gong (but not ML gong) halpha, prominence launched at about 16:30Ut from the disk near PA60 and can be seen rotating as it leaves the limb

\_\_\_\_end\_\_\_\_

Thu Jan 31 17:45:18 GMT 2013: PSPT Start Patrol

Thu Jan 31 17:45:21 GMT 2013 COMP Start Patrol

Thu Jan 31 17:49:53 GMT 2013 MKIV Start Patrol

\*\*CoMP PROBLEM COMMENT BY BEN\*\*: Thu Jan 31 17:56:44 GMT 2013

CoMP focus was way out out this mornnig.

\_\_\_\_end\_\_\_\_

Thu Jan 31 18:00:48 GMT 2013 CHIP LSD

Thu Jan 31 18:02:42 GMT 2013 CHIP End LSD

Thu Jan 31 18:02:48 GMT 2013 CHIP BiasLSD

Thu Jan 31 18:03:37 GMT 2013 CHIP End BiasLSD

Thu Jan 31 18:03:43 GMT 2013 CHIP Bias

Thu Jan 31 18:04:33 GMT 2013 CHIP End Bias

Thu Jan 31 18:04:38 GMT 2013 CHIP ReStart Patrol

CoMP COMMENT BY BEN: Thu Jan 31 18:04:28 GMT 2013

I kept running focus, and the focus position kept going up well past 40,000. Restarted CoMP VI and re-ran focus routines; best focus found at 30,600 (a normal position)

\_\_\_\_end\_\_\_\_

Thu Jan 31 18:06:28 GMT 2013 COMP Start Patrol

\*\*CoMP PROBLEM COMMENT BY BEN\*\*: Thu Jan 31 18:11:19 GMT 2013

Comp read lakeshore VI crashed; VISA error while trying to read serial

\_\_\_\_end\_\_\_\_

MKIV COMMENT BY BEN: Thu Jan 31 18:34:16 GMT 2013

Added accounts waters and rose to oopu to allow the mk4 gif pipeline to create realtime images

\_\_\_\_end\_\_\_\_

Thu Jan 31 18:49:50 GMT 2013 MKIV End Patrol

Thu Jan 31 19:09:43 GMT 2013 MKIV End Cal

Thu Jan 31 19:09:49 GMT 2013 MKIV Start Patrol

NOTE BY BEN: Thu Jan 31 19:31:06 GMT 2013

Shabar looks really noisy. Not obvious why.

\_\_\_\_end\_\_\_\_

Thu Jan 31 19:52:15 GMT 2013 MKIV End Patrol

Thu Jan 31 20:05:58 GMT 2013 MKIV Start Cal

MKIV COMMENT BY BEN: Thu Jan 31 20:06:02 GMT 2013

Starting mk4 height mask test

\_\_\_\_end\_\_\_\_

Thu Jan 31 20:24:42 GMT 2013 MKIV End Cal

Thu Jan 31 20:24:55 GMT 2013 MKIV Start Cal

MKIV COMMENT BY BEN: Thu Jan 31 20:24:45 GMT 2013

It is interesting to note that in at least one CW scan, the height of the end position is about 1/2 of a line width above the start of the scan. Looking at the sudo-cal gifs this seems to hold for every scan taken so far during height scan calcs

\_\_\_\_end\_\_\_\_

Thu Jan 31 20:43:39 GMT 2013 MKIV End Cal

Thu Jan 31 20:43:45 GMT 2013 MKIV Start Patrol

Thu Jan 31 20:50:03 GMT 2013 MKIV End Patrol

MKIV COMMENT BY BEN: Thu Jan 31 20:57:39 GMT 2013

Height mask test done, maske removed.

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Thu Jan 31 20:57:56 GMT 2013

Starting shabar seeing test. Both doors are propped open. Wind is 5mph from the NW, temp 42f, standing in the door way I can feel a defanite flow into the dome through the door

\_\_\_\_end\_\_\_\_

Thu Jan 31 20:59:11 GMT 2013 MKIV Start Patrol

NOTE BY BEN: Thu Jan 31 20:59:07 GMT 2013

Clouds starting to appear north to the north and at slightly lower altitude

\_\_\_\_end\_\_\_\_

Thu Jan 31 21:06:56 GMT 2013 COMP End Patrol

Thu Jan 31 21:06:58 GMT 2013 COMP Start Patrol

NOTE BY BEN: Thu Jan 31 21:11:14 GMT 2013

Spar dec motion appears large on the o-scope. Chip seems to confrim

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Thu Jan 31 21:15:32 GMT 2013

Mk4 starting to see clouds

\_\_\_\_end\_\_\_\_

Thu Jan 31 21:23:16 GMT 2013 COMP End Patrol

Thu Jan 31 21:29:05 GMT 2013 MKIV End Patrol

Thu Jan 31 21:31:34 GMT 2013 CHIP End Patrol

NOTE BY BEN: Thu Jan 31 21:30:45 GMT 2013

Closing domes due to fog near domes

\_\_\_\_end\_\_\_\_

Thu Jan 31 21:33:28 GMT 2013: PSPT Abort Patrol

Thu Jan 31 21:33:40 GMT 2013: PSPT Abort Patrol

NOTE BY BEN: Fri Feb 1 01:19:09 GMT 2013

Spar belly plate just below the rotation hub was removed/reinstalled to get more pictures of the DEC drive for Scott.

\_\_\_\_end\_\_\_\_

NOTE BY BEN: Fri Feb 1 01:20:49 GMT 2013

Looks Lisa account works.

\_\_\_\_end\_\_\_\_

Fri Feb 1 01:21:19 GMT 2013

MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 17_49.rawmk4 | 18_29.rawmk4 | 19_18.rawmk4 | 20_27.rawmk4 | 21_22.rawmk4  |
| 17_54.rawmk4 | 18_31.rawmk4 | 19_21.rawmk4 | 20_34.rawmk4 | 21_25.rawmk4  |
| 17_57.rawmk4 | 18_34.rawmk4 | 19_24.rawmk4 | 20_40.rawmk4 | c18_49.rawmk4 |
| 17_59.rawmk4 | 18_37.rawmk4 | 19_27.rawmk4 | 20_43.rawmk4 | c18_56.rawmk4 |
| 18_02.rawmk4 | 18_40.rawmk4 | 19_30.rawmk4 | 20_46.rawmk4 | c19_03.rawmk4 |
| 18_05.rawmk4 | 18_43.rawmk4 | 19_33.rawmk4 | 20_59.rawmk4 | c20_05.rawmk4 |
| 18_08.rawmk4 | 18_46.rawmk4 | 19_36.rawmk4 | 21_02.rawmk4 | c20_12.rawmk4 |
| 18_11.rawmk4 | 18_53.rawmk4 | 19_39.rawmk4 | 21_05.rawmk4 | c20_18.rawmk4 |
| 18_14.rawmk4 | 18_59.rawmk4 | 19_42.rawmk4 | 21_08.rawmk4 | c20_24.rawmk4 |
| 18_17.rawmk4 | 19_06.rawmk4 | 19_48.rawmk4 | 21_10.rawmk4 | c20_31.rawmk4 |
| 18_20.rawmk4 | 19_09.rawmk4 | 20_09.rawmk4 | 21_13.rawmk4 | c20_37.rawmk4 |
| 18_23.rawmk4 | 19_12.rawmk4 | 20_15.rawmk4 | 21_16.rawmk4 |               |
| 18_26.rawmk4 | 19_15.rawmk4 | 20_21.rawmk4 | 21_19.rawmk4 |               |