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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 thining but extending above the observatory.  road was VER
Y 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 prominace seen in gong (but not ML gong) halpha,  prominace 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 postion kept going up well past 40,000. Restarted CoMP VI and re-ran focus routines; b
est 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___
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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 cals
___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
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        MkIV

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
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