
Mauna Loa Solar Observatory Observer's Log

Mon Mar 15 16:56:40 GMT 2004

Year: 04 Doy: 075

Observer: stueben

WEATHER COMMENT: Mon Mar 15 16:58:30 GMT 2004

Clear overhead but dense low clouds to the east, light south wind, temp 34F.

Mon Mar 15 17:04:43 GMT 2004 CHIP Start Patrol

Mon Mar 15 17:05:04 GMT 2004 PICS Start Patrol

PSPT COMMENT: Mon Mar 15 17:13:09 GMT 2004

Observing.

ECHO COMMENT: Mon Mar 15 17:13:19 GMT 2004

Time OK.

MKIV COMMENT: Mon Mar 15 17:20:49 GMT 2004

Centering O1 as soon as mk4 clears dome cylinder. In some thin, but relatively even cirrostratus.

Mon Mar 15 17:22:42 GMT 2004 MKIV Start Patrol

GONG COMMENT: Mon Mar 15 17:26:58 GMT 2004

Going down to GONG to unstow their turret.

Mon Mar 15 18:01:53 GMT 2004 CHIP LSD

Mon Mar 15 18:01:59 GMT 2004 PICS Flat

Mon Mar 15 18:03:43 GMT 2004 CHIP End LSD

Mon Mar 15 18:03:55 GMT 2004 CHIP BiasLSD

Mon Mar 15 18:04:25 GMT 2004 PICS End Flat

Mon Mar 15 18:04:48 GMT 2004 CHIP End BiasLSD

Mon Mar 15 18:05:02 GMT 2004 CHIP Bias

Mon Mar 15 18:06:04 GMT 2004 CHIP End Bias

MKIV COMMENT: Mon Mar 15 18:19:39 GMT 2004

Centered O1 guider.

GONG PROBLEM: Mon Mar 15 18:22:36 GMT 2004

Roll and Pitch amps were not turned off as part of the stow routine.

Apparently the morning unstow routine overrides the manual unstow condition so the turret woke up inside the protective bag and blew a fuse trying to punch its way out of the bag.

Used GONG expert function to disable pitch and roll while I replaced the fuse. Restarted turret and it began working normally again--with the bag removed.

Performed weekly PM to relieve GONGster PM crew from having to come up here today.

ECHO PROBLEM: Mon Mar 15 18:30:07 GMT 2004

Noticed there were no images on the echo display. Quit and restarting echosys. Images reappeared.

WEATHER COMMENT: Mon Mar 15 18:33:21 GMT 2004

In cirrus patch. Orographic clouds forming all around station.

WEATHER COMMENT: Mon Mar 15 18:39:29 GMT 2004

In orographic clouds.

WEATHER COMMENT: Mon Mar 15 18:56:07 GMT 2004

Orographic clouds have receded or burned off for now.

Mon Mar 15 18:58:23 GMT 2004 MKIV End Patrol

Mon Mar 15 18:58:28 GMT 2004 MKIV Start Cal

**** EVENT COMMENT ****: Mon Mar 15 19:08:28 GMT 2004

Small EPL at PA 70-75 between 1814-1905 UT.

MKIV COMMENT: Mon Mar 15 19:16:56 GMT 2004

Centered O1.

Mon Mar 15 19:17:12 GMT 2004 MKIV End Cal

Mon Mar 15 19:17:18 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Mon Mar 15 19:38:05 GMT 2004

Orographic clouds building back up again.

WEATHER COMMENT: Mon Mar 15 19:43:15 GMT 2004

In orographic clouds again.

COMMENT: Mon Mar 15 19:45:10 GMT 2004

Idling mk4 and PSPT.

Mon Mar 15 19:47:07 GMT 2004 MKIV End Patrol

PSPT COMMENT: Mon Mar 15 20:30:16 GMT 2004

Closing PSPT dome as a precaution.

PICS COMMENT: Mon Mar 15 20:30:35 GMT 2004

Main dome still open, still trying to milk data out of the sparse regions of "blue sky".

Mon Mar 15 20:34:39 GMT 2004 CHIP End Patrol

Mon Mar 15 20:34:56 GMT 2004 PICS End Patrol

WEATHER COMMENT: Mon Mar 15 20:36:46 GMT 2004

Spar unable to guide in thick orographic clouds. Idling PICS and CHIP and closing domes. Fog beginning to roll in from below.

WEATHER COMMENT: Mon Mar 15 21:13:46 GMT 2004

Clouds breaking up enough for possible guiding and resumption of data collection. Opened up domes and standing by.

PSPT COMMENT: Mon Mar 15 21:16:28 GMT 2004

Restarting.

Mon Mar 15 21:16:32 GMT 2004 CHIP Start Patrol

Mon Mar 15 21:16:47 GMT 2004 MKIV Start Patrol

Mon Mar 15 21:16:44 GMT 2004 PICS Start Patrol

PSPT COMMENT: Mon Mar 15 21:25:44 GMT 2004

Observing.

WEATHER COMMENT: Mon Mar 15 21:35:12 GMT 2004

Rapid roll-in of fog. Closing domes.

Mon Mar 15 21:35:44 GMT 2004 CHIP End Patrol

Mon Mar 15 21:35:53 GMT 2004 PICS End Patrol

Mon Mar 15 21:40:46 GMT 2004 MKIV End Patrol

Tue Mar 16 01:35:17 GMT 2004

MkIV

17_22.rawmk4	17_55.rawmk4	18_31.rawmk4	19_13.rawmk4	21_16.rawmk4
17_25.rawmk4	18_01.rawmk4	18_34.rawmk4	19_17.rawmk4	21_19.rawmk4
17_28.rawmk4	18_04.rawmk4	18_37.rawmk4	19_20.rawmk4	21_22.rawmk4
17_31.rawmk4	18_07.rawmk4	18_40.rawmk4	19_23.rawmk4	21_25.rawmk4
17_34.rawmk4	18_10.rawmk4	18_43.rawmk4	19_26.rawmk4	21_28.rawmk4
17_37.rawmk4	18_13.rawmk4	18_46.rawmk4	19_29.rawmk4	21_31.rawmk4
17_40.rawmk4	18_16.rawmk4	18_49.rawmk4	19_31.rawmk4	21_34.rawmk4
17_43.rawmk4	18_19.rawmk4	18_52.rawmk4	19_34.rawmk4	21_37.rawmk4
17_46.rawmk4	18_22.rawmk4	18_54.rawmk4	19_37.rawmk4	c18_58.rawmk4
17_49.rawmk4	18_25.rawmk4	19_01.rawmk4	19_40.rawmk4	c19_04.rawmk4
17_52.rawmk4	18_28.rawmk4	19_07.rawmk4	19_43.rawmk4	c19_10.rawmk4