Mauna Loa Solar Observatory Observer's Log _____ Sun Oct 22 16:33:21 GMT 2017 Year: 17 Doy: 295 Observer: waters WEATHER COMMENT: waters: Sun Oct 22 16:48:15 GMT 2017 Temp 39F with windspeed at about 6-11mph from the South. Few scattered bands of cirrus passing over head at the moment, bu t I'm optimistic that it will clear soon. end Sun Oct 22 17:05:58 GMT 2017 CoMP occulter has been re-centered Sun Oct 22 17:28:05 GMT 2017 SGS Alignment complete Sun Oct 22 17:30:52 GMT 2017 CoMP occulter has been re-centered Sun Oct 22 17:30:55 GMT 2017 COMP Start Patrol on cookbook: synoptic-00011.cbk Sun Oct 22 17:35:17 GMT 2017 KCOR Start Synoptic Patrol GENERAL COMMENT BY waters: Sun Oct 22 18:00:13 GMT 2017 PM Blew off Kcor O1 end GENERAL COMMENT BY waters: Sun Oct 22 18:00:17 GMT 2017 PM Blew off CoMP 01 end Sun Oct 22 19:45:10 GMT 2017 KCOR End Patrol Sun Oct 22 19:45:12 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini Sun Oct 22 19:49:52 GMT 2017 CoMP Paused for clouds Sun Oct 22 19:50:56 GMT 2017 KCOR ABORT Calibration Script Sun Oct 22 19:51:13 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 19:51:14 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 19:51:24 GMT 2017 KCOR End Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 19:50:27 GMT 2017 Instruments idled due to cirrus coming in. end Sun Oct 22 19:59:45 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 19:59:01 GMT 2017 CoMP Restarted from pause Sun Oct 22 20:08:35 GMT 2017 KCOR End Patrol Sun Oct 22 20:08:38 GMT 2017 CoMP Paused for clouds GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 20:07:24 GMT 2017 Cirrus, instruments ilded. ____end Sun Oct 22 20:16:11 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 20:15:27 GMT 2017 CoMP Restarted from pause Sun Oct 22 20:28:09 GMT 2017 KCOR End Patrol Sun Oct 22 20:27:38 GMT 2017 CoMP Paused for clouds GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 20:26:37 GMT 2017 Cirrus, instruments idled. end Sun Oct 22 20:33:11 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 20:32:27 GMT 2017 CoMP Restarted from pause Sun Oct 22 20:34:06 GMT 2017 COMP End Patrol

Sun Oct 22 20:34:57 GMT 2017 KCOR End Patrol Sun Oct 22 20:36:00 GMT 2017 SGS Alignment complete Sun Oct 22 20:35:56 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 20:35:27 GMT 2017 CoMP occulter has been re-centered Sun Oct 22 20:35:30 GMT 2017 COMP Start Patrol on cookbook: waves-00002.cbk Sun Oct 22 20:37:58 GMT 2017 KCOR End Patrol Sun Oct 22 20:37:59 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini Sun Oct 22 20:53:18 GMT 2017 KCOR End Calibration Script Sun Oct 22 20:53:36 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 20:53:37 GMT 2017 KCOR Start Synoptic Patrol Sun Oct 22 21:00:32 GMT 2017 KCOR End Patrol Sun Oct 22 20:59:59 GMT 2017 CoMP Paused for clouds GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 20:58:54 GMT 2017 Clouds coming up from the South, instruments idled. end GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 21:15:27 GMT 2017 The clouds are looking a bit dark as they roll across the sky, closing the dome just in case. end GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 22 22:43:47 GMT 2017 In fog ____end____ Mon Oct 23 00:33:14 GMT 2017 SGS Alignment complete Mon Oct 23 00:33:18 GMT 2017 Kcor Focus/alignment program exited Mon Oct 23 00:32:47 GMT 2017 CoMP Restarted from pause Mon Oct 23 00:32:47 GMT 2017 COMP End Patrol Mon Oct 23 00:33:04 GMT 2017 CoMP occulter has been re-centered Mon Oct 23 00:35:01 GMT 2017 CoMP occulter has been re-centered Mon Oct 23 00:35:04 GMT 2017 COMP Start Patrol on cookbook: waves-00002.cbk Mon Oct 23 00:36:15 GMT 2017 KCOR Start Synoptic Patrol GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 23 00:34:30 GMT 2017 Fog has lifted and there is a nice opening, starting up instruments again. end Mon Oct 23 00:40:11 GMT 2017 KCOR End Patrol Mon Oct 23 00:39:29 GMT 2017 CoMP Paused for clouds GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 23 00:39:22 GMT 2017 Spoke too soon, clouds passing again. Instruments idled end GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 23 00:57:46 GMT 2017 Dome closed for foq. end Mon Oct 23 01:51:06 GMT 2017 CoMP Restarted from pause Mon Oct 23 01:51:07 GMT 2017 COMP End Patrol GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 23 01:58:40 GMT 2017 Unfortunately, we got very little data today and what we were able to get, had aerosols at the start. Hopefully tomorrow w ill be better. end