Mauna Loa Solar Observatory Observer's Log _____ Sat Sep 29 16:38:53 GMT 2018 Year: 18 Doy: 272 Observer: waters WEATHER COMMENT: waters: Sat Sep 29 16:42:58 GMT 2018 Temp 44F with windspeed at about 6-12mph from the Southeast. Some cirrus on the eastern horizon and some to the South but otherwise, the sky is clear. end GENERAL COMMENT BY waters: Sat Sep 29 16:47:10 GMT 2018 PM Blew off Kcor O1 end GENERAL COMMENT BY waters: Sat Sep 29 16:47:25 GMT 2018 Windows opened upstairs. end Sat Sep 29 17:22:46 GMT 2018 Kcor Focus/alignment program exited Sat Sep 29 17:25:26 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 17:26:04 GMT 2018 SGS Alignment complete Sat Sep 29 19:06:28 GMT 2018 KCOR End Patrol Sat Sep 29 19:06:30 GMT 2018 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini Sat Sep 29 19:22:17 GMT 2018 KCOR End Calibration Script Sat Sep 29 19:22:34 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 19:22:35 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 20:29:01 GMT 2018 KCOR End Patrol Sat Sep 29 20:29:15 GMT 2018 SGS Alignment complete Sat Sep 29 20:29:14 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 20:53:05 GMT 2018 KCOR End Patrol Sat Sep 29 20:53:27 GMT 2018 SGS Alignment complete Sat Sep 29 20:53:24 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 22:23:42 GMT 2018 KCOR End Patrol Sat Sep 29 22:24:20 GMT 2018 SGS Alignment complete Sat Sep 29 22:24:18 GMT 2018 KCOR Start Synoptic Patrol Sat Sep 29 22:45:05 GMT 2018 KCOR End Patrol GENERAL COMMENT BY waters: Sat Sep 29 22:45:33 GMT 2018 Some cirrus creeping across at the moment. KCor idled. end GENERAL COMMENT BY waters: Sat Sep 29 23:32:56 GMT 2018 There's a halo around the Sun at present, holding off on restarting kcor. end Sun Sep 30 00:13:24 GMT 2018 KCOR Start Synoptic Patrol Sun Sep 30 00:17:31 GMT 2018 KCOR End Patrol Sun Sep 30 00:25:00 GMT 2018 KCOR Start Synoptic Patrol Sun Sep 30 02:08:39 GMT 2018 KCOR End Patrol WEATHER COMMENT: stueben: Sun Sep 30 02:09:24 GMT 2018 In thin cirrus, instruments idled. end GENERAL COMMENT BY stueben: Sun Sep 30 02:20:16 GMT 2018

Nice day, clear almost all day. Good seeing and low aerosols at startup. Seeing degraded as usual during the day, aerosols varied with wind direction/speed.

____end____ ONSITE STAFF: stueben, waters