Mauna Loa Solar Observatory Observer's Log _____ Sun Oct 20 16:34:17 GMT 2019 Year: 19 Doy: 293 Observer: waters WEATHER COMMENT: waters: Sun Oct 20 16:43:19 GMT 2019 Temp 39F with windspeed at about 7-13mph from the Southwest. Sky is covered in bands of cirrus at present. Waiting for bet ter conditions before starting up. end GENERAL COMMENT BY waters: Sun Oct 20 19:32:15 GMT 2019 PM Blew off Kcor O1 end GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 19:32:32 GMT 2019 Windows opened upstairs end GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 19:32:42 GMT 2019 Sky is just a tad too bright. Hoping it passes soon. end Sun Oct 20 19:36:30 GMT 2019 SGS Alignment complete Sun Oct 20 19:37:44 GMT 2019 Kcor Focus/alignment program exited KCOR COMMENT BY waters: Sun Oct 20 19:38:37 GMT 2019 Kcor did not start up in the correct state. end Sun Oct 20 19:40:14 GMT 2019 KCOR Start Synoptic Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 19:40:52 GMT 2019 Nevermind, I guess the 'Started in good state' LED no longer is applicable. Disregard the last comment end GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 19:43:18 GMT 2019 Seeing seven bullet holes in Kcor at present. Going to try to address them. end Sun Oct 20 19:44:18 GMT 2019 KCOR End Patrol Sun Oct 20 19:50:06 GMT 2019 KCOR Start Synoptic Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 19:50:16 GMT 2019 Looks like I was able to blow off one of the bullet holes. I was able to see three, maybe four of the holes but they appea red to be on the backside of the O1. end Sun Oct 20 19:57:26 GMT 2019 KCOR End Patrol Sun Oct 20 19:57:27 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini Sun Oct 20 20:12:46 GMT 2019 KCOR End Calibration Script Sun Oct 20 20:13:03 GMT 2019 KCOR Start Synoptic Patrol Sun Oct 20 20:13:04 GMT 2019 KCOR Modulation started in the proper state Sun Oct 20 20:13:04 GMT 2019 KCOR Modulation started in the proper state Sun Oct 20 20:13:05 GMT 2019 KCOR Modulation started in the proper state Sun Oct 20 20:13:05 GMT 2019 KCOR Modulation started in the proper state Sun Oct 20 20:13:06 GMT 2019 KCOR Start Synoptic Patrol Sun Oct 20 20:22:07 GMT 2019 KCOR End Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 20:23:04 GMT 2019

Sky getting a little bright, Kcor stopped. end Sun Oct 20 20:38:47 GMT 2019 Kcor Focus/alignment program exited Sun Oct 20 20:39:41 GMT 2019 SGS Alignment complete Sun Oct 20 20:39:44 GMT 2019 KCOR Start Synoptic Patrol Sun Oct 20 21:02:43 GMT 2019 KCOR End Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 21:08:26 GMT 2019 Kcor was getting bright, stopped for now. end Sun Oct 20 21:28:23 GMT 2019 Kcor Focus/alignment program exited Sun Oct 20 21:28:58 GMT 2019 KCOR Start Synoptic Patrol Sun Oct 20 21:36:37 GMT 2019 KCOR End Patrol GENERAL OBSERVATORY COMMENT BY waters: Sun Oct 20 21:37:27 GMT 2019 Getting bright again, Kcor stopped end GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 21 03:20:29 GMT 2019 Tourist vehicle stuck in the lava by the parking lot. Called a tow truck for them. ____end GENERAL OBSERVATORY COMMENT BY waters: Mon Oct 21 03:20:56 GMT 2019 Marginal data today ____end____ ONSITE STAFF: waters