Mauna Loa Solar Observatory Observer's Log _____ Tue May 21 16:23:56 GMT 2019 Year: 19 Doy: 141 Observer: stueben WEATHER COMMENT: stueben: Tue May 21 16:28:27 GMT 2019 Temp: 48.9f, Humidity: 36%, Pressure: 28.633in, Wind: Light southern breeze, Skies: Clear. end GENERAL COMMENT BY stueben: Tue May 21 16:43:35 GMT 2019 PM Blew off Kcor O1 front and opened the windows in the dome. end Tue May 21 16:50:17 GMT 2019 Kcor Focus/alignment program exited Tue May 21 16:53:59 GMT 2019 KCOR Start Synoptic Patrol Tue May 21 17:40:17 GMT 2019 KCOR End Patrol GENERAL COMMENT BY stueben: Tue May 21 17:50:04 GMT 2019 Shutting down to prepare for Helco planned power outage. end GENERAL COMMENT BY Observer: Tue May 21 22:56:40 GMT 2019 Power is back up, restarting everything. end Tue May 21 22:57:51 GMT 2019 Kcor Focus/alignment program exited Tue May 21 23:01:23 GMT 2019 KCOR Start Synoptic Patrol WEATHER COMMENT: stueben: Tue May 21 23:03:39 GMT 2019 Orographic clouds are forming. end Tue May 21 23:09:16 GMT 2019 KCOR End Patrol Tue May 21 23:31:12 GMT 2019 KCOR Start Synoptic Patrol WEATHER COMMENT: stueben: Tue May 21 23:45:56 GMT 2019 In and out of rapidly moving clouds. end Wed May 22 00:33:40 GMT 2019 KCOR End Patrol WEATHER COMMENT: stueben: Wed May 22 01:17:54 GMT 2019 Clouds are dense, instruments idled. end GENERAL COMMENT BY stueben: Wed May 22 01:32:02 GMT 2019 Fair seeing and some aerosols from startup until shutdown for power outage. After power was restored some data was taken, but clouds were already forming and observing conditions were not good. end

ONSITE STAFF: stueben