Mauna Loa Solar Observatory Observer's Log \_\_\_\_\_ Wed Nov 13 16:24:22 GMT 2019 Year: 19 Doy: 317 Observer: waters WEATHER COMMENT: waters: Wed Nov 13 16:43:01 GMT 2019 Temp 42F with windspeed at about 7-14mph from the South-Southeast. Sky looks clear, if a little bright. end GENERAL COMMENT BY waters: Wed Nov 13 16:56:55 GMT 2019 PM Blew off Kcor O1 end GENERAL COMMENT BY waters: Wed Nov 13 16:57:06 GMT 2019 Windows opened upstairs end Wed Nov 13 17:35:59 GMT 2019 SGS Alignment complete Wed Nov 13 17:36:56 GMT 2019 Kcor Focus/alignment program exited Wed Nov 13 17:38:05 GMT 2019 SGS Alignment complete Wed Nov 13 17:37:47 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 19:10:37 GMT 2019 KCOR End Patrol Wed Nov 13 19:11:18 GMT 2019 SGS Alignment complete Wed Nov 13 19:11:04 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 19:28:31 GMT 2019 KCOR End Patrol Wed Nov 13 19:28:32 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini Wed Nov 13 19:43:51 GMT 2019 KCOR End Calibration Script Wed Nov 13 19:44:08 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 19:44:10 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 20:12:25 GMT 2019 KCOR End Patrol Wed Nov 13 20:13:04 GMT 2019 SGS Alignment complete Wed Nov 13 20:12:45 GMT 2019 KCOR Start Synoptic Patrol GENERAL COMMENT BY waters: Wed Nov 13 20:24:43 GMT 2019 Got the shipment of four boxes, three with our new computers and the last with miscellaneous. end Wed Nov 13 20:46:59 GMT 2019 KCOR End Patrol Wed Nov 13 20:47:34 GMT 2019 SGS Alignment complete Wed Nov 13 20:47:15 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 21:26:27 GMT 2019 KCOR End Patrol Wed Nov 13 21:27:02 GMT 2019 SGS Alignment complete Wed Nov 13 21:26:43 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 22:10:25 GMT 2019 KCOR End Patrol Wed Nov 13 22:11:03 GMT 2019 SGS Alignment complete Wed Nov 13 22:10:42 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 23:00:43 GMT 2019 KCOR End Patrol Wed Nov 13 23:00:53 GMT 2019 KCOR Start Synoptic Patrol Wed Nov 13 23:03:57 GMT 2019 KCOR End Patrol GENERAL COMMENT BY waters: Wed Nov 13 23:05:32 GMT 2019 Spar dipped while a cluods crossed, went upstairs to readjust the spar manually. end

Wed Nov 13 23:06:40 GMT 2019 KCOR Start Synoptic Patrol
Wed Nov 13 23:09:12 GMT 2019 KCOR End Patrol
GENERAL COMMENT BY waters: Wed Nov 13 23:09:28 GMT 2019
Clouds coming up from Saddle, Kcor stopped
\_\_\_\_end\_\_\_
Wed Nov 13 23:18:00 GMT 2019 KCOR Start Synoptic Patrol
Wed Nov 13 23:20:35 GMT 2019 KCOR End Patrol
GENERAL COMMENT BY waters: Wed Nov 13 23:20:40 GMT 2019
More clouds, Kcor idled
\_\_\_\_end\_\_\_
GENERAL COMMENT BY waters: Wed Nov 13 23:54:42 GMT 2019
Clouds are looking a little denser, closing the dome just in case
\_\_\_\_end\_\_\_
GENERAL COMMENT BY berkey: Thu Nov 14 02:23:27 GMT 2019
IWII replacment wahoo install and and seems to be working.
We are up with a faw migg pamed/migg filed webgam images. Where the wides filed webgam images.

We eneded up with a few miss named/miss filed webcam images. Where the video feed from the dome cam and spar cam got mixe d up. Looks like these wahoo and iwii labeled there webcam 1 and webcam 2 in the opposite order \_\_\_\_\_end\_\_\_\_ ONSITE STAFF: berkey, waters