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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 21 16:22:11 GMT 2020

Year: 20 Doy: 203

Observer: mcotter

WEATHER COMMENT: mcotter: Tue Jul 21 16:22:56 GMT 2020

Temp: 39.5f, Humidity: 18%, Pressure: 28.664in, Wind: 8mph from 206degs, Skies: Clear skies, inversion layer clearly seen on horizon at level of Haleakala.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Tue Jul 21 16:58:36 GMT 2020

PM Blew off Kcor O1 front and back. Most of the dust artifacts seen would not move with the air gun.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Tue Jul 21 16:58:41 GMT 2020

Opened windows upstairs

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Tue Jul 21 16:58:43 GMT 2020

\_\_\_\_end\_\_\_\_

Tue Jul 21 17:05:12 GMT 2020 Kcor Focus/alignment program exited

Tue Jul 21 17:06:24 GMT 2020 KCOR Start Synoptic Patrol

Tue Jul 21 18:16:31 GMT 2020 KCOR End Patrol

Tue Jul 21 18:16:42 GMT 2020 KCOR End Patrol

\*\*GENERAL PROBLEM COMMENT BY mcotter\*\* : Tue Jul 21 18:24:52 GMT 2020

Hit end dec negative end of travel limit, which causes us to loose guiding and put some disk like on the back end of kcor.

Homing dec and realigning the spar seemed to fix this.

\_\_\_\_end\_\_\_\_

Tue Jul 21 18:27:12 GMT 2020 KCOR Start Synoptic Patrol

Tue Jul 21 19:22:21 GMT 2020 KCOR End Patrol

Tue Jul 21 19:22:22 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Tue Jul 21 19:37:37 GMT 2020 KCOR End Calibration Script

Tue Jul 21 19:37:53 GMT 2020 KCOR Start Synoptic Patrol

Tue Jul 21 19:37:54 GMT 2020 KCOR Start Synoptic Patrol

Tue Jul 21 21:50:04 GMT 2020 KCOR End Patrol

Tue Jul 21 21:50:06 GMT 2020 KCOR End Patrol

KCOR COMMENT BY berkey: Wed Jul 22 01:58:25 GMT 2020

Pulled field lens from the telescope for inspection and photographs for Pat.

Field lens was blowing off when it was reinstalled.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Wed Jul 22 02:38:08 GMT 2020

PM Washed Kcor O1. Quick rinse with water to try and address the worst bullet holes.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY mcotter: Wed Jul 22 02:56:03 GMT 2020

Remove fiberglass strands off the inner dome. This fiberglass appears at every rivet used to fastened together the dome ribs, some of this material was stubbornly attached while loner strands seem like they could blow off in the wind. This material appears to be left over from dome construction.

\_\_\_end\_\_\_

GENERAL COMMENT BY mcotter: Wed Jul 22 02:56:12 GMT 2020

\_\_\_end\_\_\_

ONSITE STAFF: berkey, mcotter