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Mauna Loa Solar Observatory Observer's Log  
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Mon Feb 21 17:43:11 GMT 2022

Year: 22 Doy: 052

Observer: berkey

WEATHER COMMENT: berkey: Mon Feb 21 17:43:30 GMT 2022

Temp: 41.2f, Humidity: 14%, Pressure: 28.797in, Wind: 8mph from 122degs, Skies: clear  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Mon Feb 21 17:43:37 GMT 2022

PM Blew off Kcor O1 front and back

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

GENERAL COMMENT BY berkey: Mon Feb 21 17:43:41 GMT 2022

PM Blew off UCoMP O1

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

Mon Feb 21 17:51:13 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Feb 21 17:53:45 GMT 2022 Kcor Focus/alignment program exited

Mon Feb 21 17:58:06 GMT 2022 KCOR Start Synoptic Patrol

Mon Feb 21 18:06:31 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 18:34:32 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 19:02:12 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

\*\*\*\*EVENT COMMENT BY berkey\*\*\*\* : Mon Feb 21 19:22:43 GMT 2022

Bright 5degree wide eruption seen in Kcor starting near PA70 at 18:56UT. Looks related to a bright narrow prominence seen in Halpha. Doesn't look like corona material is being ejected.

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

Mon Feb 21 19:30:10 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Feb 21 19:45:27 GMT 2022 Running UCOMP Cookbook waves\_1074\_1hour.cbk line 0

GENERAL COMMENT BY berkey: Mon Feb 21 19:54:16 GMT 2022

PM Blew off Kcor O1

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

GENERAL COMMENT BY berkey: Mon Feb 21 19:54:23 GMT 2022

PM Blew off Kcor Field Lens

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

Mon Feb 21 20:30:53 GMT 2022 KCOR End Patrol

Mon Feb 21 20:30:54 GMT 2022 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Mon Feb 21 20:46:08 GMT 2022 KCOR End Calibration Script

Mon Feb 21 20:46:25 GMT 2022 KCOR Start Synoptic Patrol

Mon Feb 21 20:46:26 GMT 2022 KCOR Start Synoptic Patrol

Mon Feb 21 20:54:55 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 21:22:43 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Mon Feb 21 21:38:01 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 21:45:01 GMT 2022 KCOR End Patrol

Mon Feb 21 21:45:05 GMT 2022 UCoMP Paused for clouds

Mon Feb 21 22:39:21 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY berkey: Tue Feb 22 22:40:09 GMT 2022

PM Blew off Kcor O1 front and back.

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

Mon Feb 21 22:45:15 GMT 2022 Kcor Focus/alignment program exited

Mon Feb 21 22:50:53 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 12

Mon Feb 21 23:01:23 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 23:24:56 GMT 2022 UCoMP Paused for clouds

Mon Feb 21 23:26:58 GMT 2022 UCoMP Restarted from pause

Mon Feb 21 23:27:05 GMT 2022 UCoMP Paused for clouds

Mon Feb 21 23:30:43 GMT 2022 UCoMP Restarted from pause

Mon Feb 21 23:34:45 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal.cbk line 0

Mon Feb 21 23:37:19 GMT 2022 UCoMP Paused for clouds

Mon Feb 21 23:40:23 GMT 2022 UCoMP Restarted from pause

Mon Feb 21 23:48:35 GMT 2022 UCoMP Paused for clouds

Mon Feb 21 23:52:32 GMT 2022 UCoMP Restarted from pause

Tue Feb 22 00:09:22 GMT 2022 Running UCOMP Cookbook all\_wavelength\_coronal\_flat.cbk line 0

Tue Feb 22 00:17:47 GMT 2022 UCoMP Paused for clouds

Tue Feb 22 00:20:28 GMT 2022 UCoMP Restarted from pause

Tue Feb 22 00:23:07 GMT 2022 UCoMP Paused for clouds

Tue Feb 22 00:34:14 GMT 2022 UCoMP Restarted from pause

KCOR COMMENT BY berkey: Tue Feb 22 00:50:25 GMT 2022

Kcor beam train was inspected a couple times today, no obvious source for the large bullet hole in the NW that seems to move quickly SW over the course of the day. Most of the other bullet holes have smaller structure and appear to move NE.

If this bullet hole is coming from the O1 it seems to have a different light path in the telescope, going the opposite direction at many  $\times(10?)$  the speed.

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

ONSITE STAFF: berkey