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Mauna Loa Solar Observatory Observer's Log  
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Fri Feb 8 17:02:18 GMT 2019

Year: 19 Doy: 039

Observer: waters

WEATHER COMMENT: waters: Fri Feb 8 17:11:29 GMT 2019

Temp 34F with windspeed at about 15-20mph from the West-Southwest. Sky looks clear.

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

GENERAL COMMENT BY waters: Fri Feb 08 17:40:20 GMT 2019

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Feb 8 17:46:54 GMT 2019

Windows opened upstairs

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

Fri Feb 08 17:56:39 GMT 2019 SGS Alignment complete

Fri Feb 08 17:57:56 GMT 2019 Kcor Focus/alignment program exited

Fri Feb 08 18:00:12 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 19:34:56 GMT 2019 KCOR End Patrol

Fri Feb 08 19:35:32 GMT 2019 SGS Alignment complete

Fri Feb 08 19:35:08 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 20:39:39 GMT 2019 KCOR End Patrol

Fri Feb 08 20:40:24 GMT 2019 SGS Alignment complete

Fri Feb 08 20:40:01 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 20:40:52 GMT 2019 KCOR End Patrol

Fri Feb 08 20:40:53 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Feb 08 20:56:03 GMT 2019 KCOR End Calibration Script

Fri Feb 08 20:56:20 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 20:56:21 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 21:42:09 GMT 2019 KCOR End Patrol

Fri Feb 08 21:43:01 GMT 2019 SGS Alignment complete

Fri Feb 08 21:42:38 GMT 2019 KCOR Start Synoptic Patrol

Fri Feb 08 22:16:41 GMT 2019 KCOR End Patrol

Fri Feb 08 22:17:50 GMT 2019 SGS Alignment complete

Fri Feb 08 22:17:26 GMT 2019 KCOR Start Synoptic Patrol

\*\*\*\*EVENT COMMENT BY waters\*\*\*\* : Fri Feb 8 22:49:32 GMT 2019

At 21:04 GMT from PA 230, there is an off shoot from a prominence that flows sideways. It is hard to see what happens after 22:04GMT.

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

GENERAL OBSERVATORY COMMENT BY waters: Fri Feb 8 23:00:09 GMT 2019

Wind is West at about 18-24mph. The dome slot is starting to face that direction; lower part of the shutter raised and the top one lowered a bit to help shelter the spar from shaking.

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

Fri Feb 08 23:13:20 GMT 2019 KCOR End Patrol

Fri Feb 08 23:13:59 GMT 2019 SGS Alignment complete

Fri Feb 08 23:13:37 GMT 2019 KCOR Start Synoptic Patrol

Sat Feb 09 00:49:26 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Feb 9 00:46:33 GMT 2019

Some clouds passing, K-Cor idled.

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

Sat Feb 09 00:51:33 GMT 2019 KCOR Start Synoptic Patrol

Sat Feb 09 00:55:23 GMT 2019 KCOR End Patrol

Sat Feb 09 00:57:54 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Feb 9 01:03:52 GMT 2019

Lower shutter partially lowered and top one brought down a bit.

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

Sat Feb 09 01:12:03 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Feb 9 01:08:53 GMT 2019

Clouds again, K-Cor idled

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

Sat Feb 09 01:14:39 GMT 2019 KCOR Start Synoptic Patrol

Sat Feb 09 01:23:05 GMT 2019 KCOR End Patrol

Sat Feb 09 01:25:33 GMT 2019 KCOR Start Synoptic Patrol

Sat Feb 09 01:25:59 GMT 2019 KCOR End Patrol

Sat Feb 09 01:28:05 GMT 2019 KCOR Start Synoptic Patrol

Sat Feb 09 01:31:08 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Feb 9 01:39:38 GMT 2019

Low clouds coming in, dome closed

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Feb 9 02:24:22 GMT 2019

Aerosols came in around 1030am hst and we were in and out of clouds the last couple hours but other than that, it was a good day.

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

ONSITE STAFF: waters