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Mauna Loa Solar Observatory Observer's Log  
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Sun Jul 28 15:55:51 GMT 2019

Year: 19 Doy: 209

Observer: waters

WEATHER COMMENT: waters: Sun Jul 28 16:15:23 GMT 2019

Temp 45F with windspeed 7-13mph from the South. Sky looks clear.

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

GENERAL COMMENT BY waters: Sun Jul 28 16:21:55 GMT 2019

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 16:22:53 GMT 2019

Windows opened upstairs.

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

KCOR COMMENT BY waters: Sun Jul 28 17:00:44 GMT 2019

Kcor above the dome

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

Sun Jul 28 17:01:37 GMT 2019 SGS Alignment complete

Sun Jul 28 17:02:30 GMT 2019 Kcor Focus/alignment program exited

Sun Jul 28 17:03:54 GMT 2019 KCOR Modulation started in the proper state

KCOR COMMENT BY waters: Sun Jul 28 17:04:04 GMT 2019

KCor started up in the correct polarization state.

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

Sun Jul 28 17:05:47 GMT 2019 SGS Alignment complete

Sun Jul 28 17:05:31 GMT 2019 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 17:25:42 GMT 2019

Normal stream data not working but NRGFs working fine.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 17:27:07 GMT 2019

No noticeable change in the data this morning from yesterday.

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

Sun Jul 28 17:29:01 GMT 2019 KCOR End Patrol

Sun Jul 28 17:29:29 GMT 2019 SGS Alignment complete

Sun Jul 28 17:29:13 GMT 2019 KCOR Start Synoptic Patrol

Sun Jul 28 18:10:58 GMT 2019 KCOR End Patrol

Sun Jul 28 18:11:30 GMT 2019 SGS Alignment complete

Sun Jul 28 18:11:15 GMT 2019 KCOR Start Synoptic Patrol

Sun Jul 28 19:06:37 GMT 2019 KCOR End Patrol

Sun Jul 28 19:07:11 GMT 2019 SGS Alignment complete

Sun Jul 28 19:06:56 GMT 2019 KCOR Start Synoptic Patrol

Sun Jul 28 20:11:14 GMT 2019 KCOR End Patrol

Sun Jul 28 20:11:55 GMT 2019 SGS Alignment complete

Sun Jul 28 20:11:39 GMT 2019 KCOR Start Synoptic Patrol

Sun Jul 28 20:48:14 GMT 2019 KCOR End Patrol

Sun Jul 28 20:49:01 GMT 2019 SGS Alignment complete

Sun Jul 28 20:48:47 GMT 2019 KCOR Start Synoptic Patrol

Sun Jul 28 21:47:03 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 21:47:21 GMT 2019  
Clouds drifting past, Kcor idled for a bit  
\_\_\_\_end\_\_\_\_

Sun Jul 28 21:49:41 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 21:50:39 GMT 2019 KCOR End Patrol  
Sun Jul 28 21:51:13 GMT 2019 SGS Alignment complete  
Sun Jul 28 21:50:59 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 22:09:35 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 22:09:51 GMT 2019  
Clouds again, Kcor idled  
\_\_\_\_end\_\_\_\_

Sun Jul 28 22:13:08 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 22:20:53 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jul 28 22:21:38 GMT 2019  
Clouds again  
\_\_\_\_end\_\_\_\_

Sun Jul 28 22:25:00 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 22:30:23 GMT 2019 KCOR End Patrol  
Sun Jul 28 22:58:08 GMT 2019 SGS Alignment complete  
Sun Jul 28 22:57:51 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 23:22:54 GMT 2019 KCOR End Patrol  
Sun Jul 28 23:29:27 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 23:32:14 GMT 2019 KCOR End Patrol  
Sun Jul 28 23:32:52 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 23:33:33 GMT 2019 KCOR End Patrol  
Sun Jul 28 23:36:38 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 23:37:35 GMT 2019 KCOR End Patrol  
Sun Jul 28 23:43:41 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jul 28 23:47:24 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 29 00:03:29 GMT 2019  
Closing the dome for some low clouds  
\_\_\_\_end\_\_\_\_

Mon Jul 29 00:43:25 GMT 2019 KCOR Modulation started in the proper state  
GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 29 00:43:36 GMT 2019  
KCor started up in the correct state  
\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 29 00:44:57 GMT 2019  
Clouds have moved in again. Kcor idled  
\_\_\_\_end\_\_\_\_

Mon Jul 29 00:51:04 GMT 2019 KCOR Start Synoptic Patrol  
Mon Jul 29 00:52:44 GMT 2019 KCOR End Patrol  
Mon Jul 29 00:54:23 GMT 2019 KCOR Start Synoptic Patrol  
Mon Jul 29 00:55:40 GMT 2019 KCOR End Patrol

\*\*\*\*EVENT COMMENT BY waters\*\*\*\* : Mon Jul 29 00:59:38 GMT 2019

At 18:06:03 between PA 50-70, there seems to be a prominence that forms or becomes more defined. Can be seen in K-Cor.  
\_\_\_\_end\_\_\_\_

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 29 01:27:50 GMT 2019  
Floor was swept and vacuumed.

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

GENERAL OBSERVATORY COMMENT BY waters: Mon Jul 29 01:28:20 GMT 2019

An okay morning to take data, aerosols started to pick up around 10:30HST and then we were in and out of clouds for the afternoon.

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

ONSITE STAFF: waters