

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Sat Jun 29 16:01:01 GMT 2019

Year: 19 Doy: 180

Observer: waters

WEATHER COMMENT: waters: Sat Jun 29 16:12:48 GMT 2019

Temp 45F with windspeed at about 8-13mph from the Southeast. Besides a few bands of cirrus to the Northwest and on the Eastern horizon, it looks clear.

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

GENERAL COMMENT BY waters: Sat Jun 29 16:21:20 GMT 2019

PM Blew off Kcor 01

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Jun 29 16:21:33 GMT 2019

Windows opened upstairs.

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

KCOR COMMENT BY waters: Sat Jun 29 16:52:42 GMT 2019

Kcor above dome

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

Sat Jun 29 16:53:20 GMT 2019 SGS Alignment complete

Sat Jun 29 16:54:29 GMT 2019 Kcor Focus/alignment program exited

GENERAL OBSERVATORY COMMENT BY waters: Sat Jun 29 16:55:47 GMT 2019

Kcor started in the correct polarization state

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

Sat Jun 29 16:57:05 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sat Jun 29 17:08:02 GMT 2019

Going to try and address the spots in the Southeast part of the data.

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

Sat Jun 29 17:08:55 GMT 2019 KCOR End Patrol

Sat Jun 29 17:16:36 GMT 2019 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sat Jun 29 17:16:36 GMT 2019

Looks like I was able to get those dust particles off. And look at the before and after images, I was able to blow off much more than I thought.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Jun 29 17:52:55 GMT 2019

Deleted webcam images up until 6/26/2019 on Iwii. Did a restart after the recycle bin finally finished. Still running slow but not freezing anymore. Only freed up 20gb, so we will most likely have to delete images again soon.

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

GENERAL OBSERVATORY COMMENT BY waters: Sat Jun 29 18:46:30 GMT 2019

Lubed the worm gear.

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

Sat Jun 29 18:51:52 GMT 2019 KCOR End Patrol

Sat Jun 29 18:52:13 GMT 2019 SGS Alignment complete

Sat Jun 29 18:52:09 GMT 2019 KCOR Start Synoptic Patrol

Sat Jun 29 19:21:08 GMT 2019 KCOR End Patrol

Sat Jun 29 19:21:10 GMT 2019 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Sat Jun 29 19:36:25 GMT 2019 KCOR End Calibration Script

Sat Jun 29 19:36:42 GMT 2019 KCOR Start Synoptic Patrol

Sat Jun 29 19:36:43 GMT 2019 KCOR Start Synoptic Patrol  
Sat Jun 29 19:50:26 GMT 2019 KCOR End Patrol  
Sat Jun 29 19:50:49 GMT 2019 SGS Alignment complete  
Sat Jun 29 19:50:44 GMT 2019 KCOR Start Synoptic Patrol  
Sat Jun 29 21:43:45 GMT 2019 KCOR End Patrol  
Sat Jun 29 21:44:21 GMT 2019 SGS Alignment complete  
Sat Jun 29 21:44:16 GMT 2019 KCOR Start Synoptic Patrol  
Sat Jun 29 22:58:36 GMT 2019 KCOR End Patrol  
Sat Jun 29 22:59:04 GMT 2019 SGS Alignment complete  
Sat Jun 29 22:59:00 GMT 2019 KCOR Start Synoptic Patrol  
Sat Jun 29 23:37:44 GMT 2019 KCOR End Patrol  
Sat Jun 29 23:38:09 GMT 2019 SGS Alignment complete  
Sat Jun 29 23:38:04 GMT 2019 KCOR Start Synoptic Patrol  
Sat Jun 29 23:42:52 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sat Jun 29 23:43:13 GMT 2019  
Clouds coming up, K-Cor idled for a bit

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

Sat Jun 29 23:45:42 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jun 30 00:01:04 GMT 2019 KCOR End Patrol  
Sun Jun 30 00:01:23 GMT 2019 KCOR Start Synoptic Patrol  
Sun Jun 30 00:06:11 GMT 2019 KCOR End Patrol

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 30 00:08:03 GMT 2019

Clouds coming in, some of them are a bit too low; K-Cor idled and dome closed for a bit.

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

GENERAL OBSERVATORY COMMENT BY waters: Sun Jun 30 02:27:42 GMT 2019

A good amount of data today up until about 2HST. Aerosols picked up throughout the day and got worse in the afternoon. Hoping tomorrow is a good day.

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

ONSITE STAFF: waters