
Mauna Loa Solar Observatory Observer's Log

Fri Jun 26 16:39:57 GMT 2015
Year: 15 Doy: 177
Observer: berkey
WEATHER COMMENT: berkey: Fri Jun 26 16:41:15 GMT 2015
Temp: 46.8f, Humidity: 24%, Pressure: 28.692in, Wind: no wind, Skies: clear with inversion layer at about 7,000ft
___end___
KCOR COMMENT BY berkey: Fri Jun 26 16:56:46 GMT 2015
The summer occulter has been painted black to to reduce scatted light and is now reinstalled in the instrument.

OC-991.6" back in the instrument OC-1019.9" removed
___end___
Fri Jun 26 16:59:42 GMT 2015 COMP Start Patrol
Fri Jun 26 17:04:46 GMT 2015 KCOR Start Synoptic Patrol
Fri Jun 26 17:26:48 GMT 2015 KCOR End Patrol
Fri Jun 26 17:27:32 GMT 2015 COMP End Patrol
KCOR COMMENT BY berkey: Fri Jun 26 17:41:23 GMT 2015
Stopping observing to do a kcor aft-optics/camera mount flexure test.

A lamp will be installed on the front of kcor and we will move the spar from East to west to change how gravity interacts with the back end. A similar test was done last year(ish) to chartarize the issues with the pervious camera mounts.
___end___
KCOR COMMENT BY berkey: Fri Jun 26 18:05:08 GMT 2015
Starting test lamp in the beam spar pointing east at the horizon.
17:41:57-17:43:15
spar moved to about 45 degrees above the horizon still in the east
17:44:00-17:45:01
spar moved to zenith
17:45:47-17:47:02
spar moved to 45 degrees in the west
17:47:33-17:48:33
spar moved to the west horizon
17:49:04-17:50:05
spar moved to about 45 degrees above the west horizon
17:50:50-17:51:51
spar moved to zenith
17:52:06-17:53:07
spar moved to about 45 degrees above the east horizon
17:53:37-17:54:38
spare moved to easy horizon
17:55:08-17:56:24

spar moved to an hour angle of 0, and about 45 degrees south (the night time park position for the spar)
17:57:55-17:58:55
spar back to zenith
17:59:41-18:00:11

spar moved as far north as possible
18:00:42-18:01:42
spar moved back to the approximate position of the sun right now (note dome is closed so it is hard to get really really c
lose)
18:02:28-18:03:44

Note the guide was running in open loop during this test this should change anything about the data, but just wanted to no
te the spar was moving in an observing like manner during the test.
___end___
Fri Jun 26 18:09:47 GMT 2015 COMP Start Patrol
Fri Jun 26 18:11:19 GMT 2015 KCOR Start Synoptic Patrol
KCOR COMMENT BY berkey: Fri Jun 26 18:38:21 GMT 2015
I am seeing the curved light effects in Kcor radial density images again. These are again moving west on the south side o
f the images.
___end___
Fri Jun 26 21:04:21 GMT 2015 KCOR End Patrol
Fri Jun 26 21:04:47 GMT 2015 CoMP Paused for clouds
Fri Jun 26 21:05:08 GMT 2015 CoMP Restarted from pause
Fri Jun 26 21:05:08 GMT 2015 COMP End Patrol
Fri Jun 26 21:14:54 GMT 2015 COMP Start Patrol
Fri Jun 26 21:18:28 GMT 2015 KCOR Start Synoptic Patrol
Fri Jun 26 21:45:41 GMT 2015 KCOR End Patrol
Fri Jun 26 21:46:10 GMT 2015 CoMP Paused for clouds
Fri Jun 26 21:47:16 GMT 2015 CoMP Restarted from pause
Fri Jun 26 21:48:17 GMT 2015 CoMP Paused for clouds
Fri Jun 26 21:48:46 GMT 2015 CoMP Restarted from pause
Fri Jun 26 21:48:46 GMT 2015 COMP End Patrol
Fri Jun 26 21:58:21 GMT 2015 COMP Start Patrol
Fri Jun 26 21:59:05 GMT 2015 CoMP Paused for clouds
Fri Jun 26 22:03:55 GMT 2015 CoMP Restarted from pause
Fri Jun 26 22:05:56 GMT 2015 KCOR Start Synoptic Patrol
Fri Jun 26 22:07:58 GMT 2015 KCOR End Patrol
Fri Jun 26 22:08:26 GMT 2015 CoMP Paused for clouds
GENERAL COMMENT BY berkey: Fri Jun 26 23:30:41 GMT 2015
Clouds getting thicker.
___end___
Fri Jun 26 23:32:56 GMT 2015 CoMP Restarted from pause
Fri Jun 26 23:32:56 GMT 2015 COMP End Patrol
GENERAL COMMENT BY berkey: Fri Jun 26 23:46:59 GMT 2015
Going to take a crate to Fedex for shipment of Greg’s tool box and the old camera mounting plates back to Boulder.
___end___