
Mauna Loa Solar Observatory Observer's Log

Fri Mar 1 17:13:25 GMT 2019

Year: 19 Doy: 060

Observer: berkey

WEATHER COMMENT: berkey: Fri Mar 01 17:16:50 GMT 2019

Temp: 36.2f, Humidity: 36%, Pressure: 28.703in, Wind: 15mph from 242degs, Skies: patchy cirrus to the east

____end____

GENERAL COMMENT BY berkey: Fri Mar 01 18:30:26 GMT 2019

PM Blew off Kcor 01 and opened windows.

____end____

Fri Mar 01 18:32:43 GMT 2019 SGS Alignment complete

Fri Mar 01 18:32:41 GMT 2019 Kcor Focus/alignment program exited

Fri Mar 01 19:00:05 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 01 19:47:50 GMT 2019 KCOR End Patrol

Fri Mar 01 20:10:10 GMT 2019 SGS Alignment complete

Fri Mar 01 20:10:08 GMT 2019 Kcor Focus/alignment program exited

KCOR COMMENT BY berkey: Fri Mar 01 20:11:57 GMT 2019

In response to some noise seen in kcor since the last cleaning.

Kcor 01 pulled rotated about 160 degrees (from one set of marks to the far set of marks). Mount inspected and wiped to remove any debris.

01 was blown off front and back while it was out of the telescope.

____end____

Fri Mar 01 20:22:05 GMT 2019 KCOR Start Synoptic Patrol

Fri Mar 01 20:54:54 GMT 2019 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Mar 01 20:55:42 GMT 2019

Cirrus moving into the area. shutting down kcor

____end____

GENERAL COMMENT BY berkey: Fri Mar 01 22:20:46 GMT 2019

We saw some small fringes in kcor rotating lens back to its old position

____end____

Fri Mar 01 22:23:31 GMT 2019 Kcor Focus/alignment program exited

Fri Mar 01 22:23:43 GMT 2019 SGS Alignment complete

Fri Mar 01 22:47:34 GMT 2019 SGS Alignment complete

GENERAL COMMENT BY berkey: Fri Mar 01 22:47:41 GMT 2019

Seems like the kcor alignmnet moved by a large amount in the last 20 minutes.

____end____

GENERAL COMMENT BY berkey: Sat Mar 02 00:07:18 GMT 2019

Kcor looked worse with the last install. It maybe that the mounted bolts/screws were too snug. I have gone and loosened them to a kind of Finger tight setting.

____end____

Sat Mar 02 00:10:31 GMT 2019 SGS Alignment complete

Sat Mar 02 00:10:32 GMT 2019 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Sat Mar 02 00:19:30 GMT 2019

cirrus in the data

___end___

GENERAL COMMENT BY berkey: Sat Mar 02 00:43:00 GMT 2019

Looks like releasing tension on the bolts fixed some of the fringing.

___end___

ONSITE STAFF: berkey