
Mauna Loa Solar Observatory Observer's Log

Wed Feb 16 16:30:26 GMT 2022

Year: 22 Doy: 047

Observer: lisapg

WEATHER COMMENT: lisapg: Wed Feb 16 17:11:56 GMT 2022

Temp: 28.7f with wind speed at about 5-10mph from the South-Southwest. Sky looks clear.

Road was frosty from the 8,500ft and there's thick frost all around the observatory at present.

____end____

GENERAL COMMENT BY lisapg: Wed Feb 16 17:50:05 GMT 2022

Opened windows upstairs

____end____

GENERAL COMMENT BY lisapg: Wed Feb 16 17:50:08 GMT 2022

PM Blew off Kcor O1

____end____

GENERAL COMMENT BY lisapg: Wed Feb 16 17:50:11 GMT 2022

PM Blew off UCoMP O1

____end____

Wed Feb 16 17:55:40 GMT 2022 Kcor Focus/alignment program exited

Wed Feb 16 17:59:01 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

Wed Feb 16 18:12:31 GMT 2022 KCOR Start Synoptic Patrol

Wed Feb 16 18:47:05 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Wed Feb 16 19:07:46 GMT 2022 KCOR End Patrol

GENERAL COMMENT BY lisapg: Wed Feb 16 19:18:43 GMT 2022

PM Washed Kcor O1

____end____

Wed Feb 16 19:18:44 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 8

Wed Feb 16 20:05:09 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY lisapg: Wed Feb 16 20:08:54 GMT 2022

Clouds coming in from the West and forming above the observatory, instruments paused for now.

____end____

GENERAL COMMENT BY lisapg: Wed Feb 16 20:14:31 GMT 2022

The clouds forming look much lower than the initial, dome closed just in case.

____end____

Wed Feb 16 20:24:43 GMT 2022 UCoMP Restarted from pause

WEATHER COMMENT: lisapg: Wed Feb 16 20:26:40 GMT 2022

Temp: 37.8f with wind speed at about 3-9mph from the Northeast.

____end____

Wed Feb 16 20:32:07 GMT 2022 UCoMP Paused for clouds

GENERAL COMMENT BY lisapg: Wed Feb 16 20:33:43 GMT 2022

Clouds coming in again, instrument paused.

____end____

GENERAL COMMENT BY lisapg: Wed Feb 16 20:38:31 GMT 2022

Clouds look low again, closing dome

____end____

Thu Feb 17 00:56:25 GMT 2022 UCoMP Restarted from pause

GENERAL COMMENT BY lisapg: Thu Feb 17 01:04:18 GMT 2022

PM Washed Kcor O1

The NRGF images showed some bullet holes back in the SW. So it was decided to attempt another o1 rotation along with blowing off the back side to try and get the bullet holes below the south pole.

On inspection of the kcor O1 in full sunlight it was found to have multiple feature/spots. A few of these looked like the sharp edges of soapy blots. And otherwise there was just a sort of hazy film most places.

An initial attempt was made to clean the lens with soap and water but minimal progress was made. So we attempted a second cleaning with first contact. This seemed to work pretty well expect a few spots that the material was too thin on the back side so we needed alcohol followed by soap and water to remove this residue.

When installing the O1 it was rotated about 90 degrees clock wise (when looking down at the cameras) from the nominal orientation we have been using for the last couple years .

Over all the lens looks to be in a lot better shape than this morning.
Final inspection and install where done with bright lamp up stairs since is currently h
eavy overcast outside.

____end____

GENERAL COMMENT BY lisapg: Thu Feb 17 02:36:37 GMT 2022

Not too bad a day for data, unfortunately no data past 10:38HST.

____end____

ONSITE STAFF: berkey, lisapg