
Mauna Loa Solar Observatory Observer's Log

Sat Feb 5 17:39:24 GMT 2022

Year: 22 Doy: 036

Observer: mlso

WEATHER COMMENT: mcotter: Sat Feb 05 17:43:32 GMT 2022

Temp: 39.5f, Humidity: 40%, Pressure: 28.764in, Wind: 3mph from 103degs, Skies:Clear skies in all directions. Some clouds at lower elevations. Inversion layer visible on the horizon approximately at or above Haleakala. Slippery road conditions with frost present on road surface at elevation above approximately 9,000" elevation.

___end___

GENERAL COMMENT BY mcotter: Sat Feb 05 17:44:48 GMT 2022

Opened windows upstairs

___end___

GENERAL COMMENT BY mcotter: Sat Feb 05 17:45:14 GMT 2022

PM Blew off UCOMP 01

___end___

GENERAL COMMENT BY mcotter: Sat Feb 05 17:45:25 GMT 2022

PM Blew off Kcor 01

___end___

Sat Feb 05 17:45:37 GMT 2022 UCOMP Restarted from pause

Sat Feb 05 18:07:23 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Feb 05 18:08:12 GMT 2022 Kcor Focus/alignment program exited

Sat Feb 05 18:08:40 GMT 2022 Running UCOMP Cookbook 637_Scan.cbk line 0

UCOMP COMMENT BY mcotter: Sat Feb 05 18:09:35 GMT 2022

Ucomp instrument now running.

___end___

Sat Feb 05 18:10:50 GMT 2022 Running UCOMP Cookbook 656_Scan.cbk line 0

Sat Feb 05 18:12:40 GMT 2022 Running UCOMP Cookbook 789_Scan.cbk line 0

KCOR COMMENT BY mcotter: Sat Feb 05 18:13:04 GMT 2022

Kcor instrument now running.

Polarization checked good: Mid, Bright, Dark, Mid.

___end___

Sat Feb 05 18:14:29 GMT 2022 Running UCOMP Cookbook 1074_Scan.cbk line 0

Sat Feb 05 18:16:19 GMT 2022 Running UCOMP Cookbook 1079_Scan.cbk line 0

Sat Feb 05 18:18:08 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0

****EVENT COMMENT BY mcotter**** : Sat Feb 05 18:27:04 GMT 2022

Very bright prominence being observed on the Kcor NRGF image at approximate PA 290 deg, at UT 18:40:06.

___end___

Sat Feb 05 18:36:15 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0

Sat Feb 05 19:47:27 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0

Sat Feb 05 19:54:10 GMT 2022 Running UCOMP Cookbook dark_80ms_2beam_16sums_BOTH.cbk line 0

Sat Feb 05 19:55:28 GMT 2022 Running UCOMP Cookbook 637_Pol_Calibrate.cbk line 0

Sat Feb 05 19:59:46 GMT 2022 Running UCOMP Cookbook 656_Pol_Calibrate.cbk line 0

Sat Feb 05 20:03:50 GMT 2022 Running UCOMP Cookbook 789_Pol_Calibrate.cbk line 0

Sat Feb 05 20:07:54 GMT 2022 Running UCOMP Cookbook 1074_Pol_Calibrate.cbk line 0

Sat Feb 05 20:11:57 GMT 2022 Running UCOMP Cookbook 1079_Pol_Calibrate.cbk line 0

Sat Feb 05 20:16:01 GMT 2022 Running UCOMP Cookbook waves_1074_1hour.cbk line 0

Sat Feb 05 21:13:37 GMT 2022 UCOMP Paused for clouds

WEATHER COMMENT: mcotter: Sat Feb 05 21:17:16 GMT 2022

Clouds are beginning to form and dissipate above the observatory in the viewing area with additional Orthographic clouds moving into the science area from the north-northwest

___end___

Sat Feb 05 21:17:41 GMT 2022 UCOMP Restarted from pause

GENERAL COMMENT BY mcotter: Sat Feb 05 21:21:28 GMT 2022

Instruments continue to run, but it is necessary to dodge clouds periodically blowing into the viewing area from the north-northwest,

___end___

Sat Feb 05 21:22:22 GMT 2022 UCOMP Paused for clouds

Sat Feb 05 21:23:54 GMT 2022 UCOMP Restarted from pause

Sat Feb 05 21:31:17 GMT 2022 Running UCOMP Cookbook dark_200_1sums_80ms.cbk line 0

Sat Feb 05 21:36:16 GMT 2022 Running UCOMP Cookbook no-occulter-flat.cbk line 0
Sat Feb 05 21:42:48 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal_flat.cbk line 0
Sat Feb 05 22:01:11 GMT 2022 Running UCOMP Cookbook all_wavelength_coronal.cbk line 0
Sat Feb 05 22:27:48 GMT 2022 UCOMP Paused for clouds
Sat Feb 05 22:29:53 GMT 2022 UCOMP Restarted from pause
Sat Feb 05 22:33:45 GMT 2022 UCOMP Paused for clouds
GENERAL COMMENT BY mcotter: Sat Feb 05 22:42:06 GMT 2022
I have been running the instruments since this morning, but for the last hour and a half I have been dodging clouds. The clouds are beginning to increase in frequency and more orthographic clouds are building in all directions. The increase in cloud activity is also taking place above the observatory in the viewing area, with clouds forming and then dissipating regularly. I am continuing to run the instruments with the hope that there will be more blue sky than clouds in the viewing area.
____end____
Sat Feb 05 22:41:52 GMT 2022 UCOMP Restarted from pause
Sat Feb 05 22:42:26 GMT 2022 UCOMP Paused for clouds
WEATHER COMMENT: mcotter: Sat Feb 05 22:53:27 GMT 2022
Cloud coverage has increased dramatically. The dome shutter doors have been closed in the event of precipitation.
____end____
KCOR COMMENT BY mcotter: Sat Feb 05 22:54:14 GMT 2022
Kcor has been stopped due to cloudy sky conditions.
____end____
UCOMP COMMENT BY mcotter: Sat Feb 05 22:54:45 GMT 2022
Ucomp has been paused due to cloudy sky conditions.
____end____
WEATHER COMMENT: mcotter: Sat Feb 05 23:26:31 GMT 2022
The sky over the observatory and science area is getting increasingly overcast with dark gray clouds.
____end____
WEATHER COMMENT: mcotter: Sun Feb 06 00:17:03 GMT 2022
Cloud coverage has increased and it is now totally overcast with light rain falling.
____end____
Sun Feb 06 00:16:57 GMT 2022 UCOMP Restarted from pause
GENERAL COMMENT BY mcotter: Sun Feb 06 00:26:27 GMT 2022
Changed tact mat in dome vestibule.
____end____
GENERAL COMMENT BY mcotter: Sun Feb 06 00:27:00 GMT 2022
Emptied trash receptacles in dome and control room.
____end____
WEATHER COMMENT: mcotter: Sun Feb 06 00:51:15 GMT 2022
Weather conditions are getting worse and aside from a now totally overcast sky a steady rain is now falling.
____end____
GENERAL COMMENT BY mcotter: Sun Feb 06 00:55:36 GMT 2022
The day started off clear and through most of the morning good data was ascertained. In the late morning clouds started to form above the observatory and were intermittently in and out of the viewing area. By mid afternoon the cloud coverage had increased to the point where the instruments needed to be stopped and the dome closed.
____end____
ONSITE STAFF: mcotter