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Mauna Loa Solar Observatory Observer's Log  
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Thu Feb 4 18:12:39 GMT 2021

Year: 21 Doy: 035

Observer: berkey

WEATHER COMMENT: berkey: Thu Feb 04 18:13:38 GMT 2021

Temp: 46.5f, Humidity: 13%, Pressure: 28.621in, Wind: 8mph from 200degs, Skies:clear. Roads icy had a hard time getting up this morning and needed to park part way down the road and walk up.

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

Thu Feb 04 18:41:01 GMT 2021 SGS Alignment complete

Thu Feb 04 18:41:02 GMT 2021 Kcor Focus/alignment program exited

Thu Feb 04 18:43:02 GMT 2021 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Thu Feb 04 18:50:00 GMT 2021

PM Blew off Kcor O1

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

GENERAL COMMENT BY berkey: Thu Feb 04 18:50:05 GMT 2021

Opened windows upstairs

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

GENERAL COMMENT BY berkey: Thu Feb 04 18:56:45 GMT 2021

Pausing kcor for some Ucomp work

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

GENERAL COMMENT BY berkey: Thu Feb 04 19:59:33 GMT 2021

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

Thu Feb 04 20:02:05 GMT 2021 SGS Alignment complete

GENERAL COMMENT BY berkey: Thu Feb 04 20:02:44 GMT 2021

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

GENERAL COMMENT BY berkey: Thu Feb 04 20:02:56 GMT 2021

UCoMP engineering done.

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

Thu Feb 04 20:05:07 GMT 2021 Kcor Focus/alignment program exited

Thu Feb 04 20:08:08 GMT 2021 KCOR Start Synoptic Patrol

Thu Feb 04 20:40:57 GMT 2021 KCOR End Patrol

GENERAL COMMENT BY berkey: Thu Feb 04 20:41:37 GMT 2021

Clouds in the beam

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

Thu Feb 04 20:52:46 GMT 2021 SGS Alignment complete

Thu Feb 04 20:52:47 GMT 2021 Kcor Focus/alignment program exited

Fri Feb 05 00:28:01 GMT 2021 Kcor Focus/alignment program exited

Fri Feb 05 00:50:35 GMT 2021 KCOR Start Synoptic Patrol

UCoMP COMMENT BY berkey: Fri Feb 05 02:05:21 GMT 2021

UCoMP O1ND cover removed.

UCoMP engineering checks included looking that were focus of the O1 is w.r.t the field lens when we are guiding on Kcor. Then checked how light fell when the guider was aligned to move the sunlight to the center of t-cam.

After about 19:40ut. Took some peroidic data to show where the disk light fell on t-cam as we pointed around the sky and re-aligned kcor. Post 19:40ut data includes some tests for some bug fixes related to the FILTER keyword not getting properly initialized. Some dataset do not have solar images.

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

GENERAL COMMENT BY berkey: Fri Feb 05 02:11:35 GMT 2021

Afternoon saw a lot of sucker hole clouds. Got a little bit of ucomp and kcor data between the clouds but things were marginal.

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

Fri Feb 05 02:12:02 GMT 2021 Kcor Focus/alignment program exited

ONSITE STAFF: berkey