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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 9 15:50:31 GMT 2018

Year: 18 Doy: 190

Observer: waters

WEATHER COMMENT: waters: Mon Jul 09 16:25:39 GMT 2018

Temp 38F with windspeed at about 4-10mph from the South. Sky is clear but vog is at about 11,000ft or more.

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

GENERAL COMMENT BY waters: Mon Jul 09 16:31:43 GMT 2018

PM Blew off Kcor 01

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

GENERAL COMMENT BY waters: Mon Jul 09 16:31:56 GMT 2018

Windows opened upstairs

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

GENERAL COMMENT BY waters: Mon Jul 09 16:55:41 GMT 2018

Kcor above dome

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

Mon Jul 09 16:57:38 GMT 2018 Kcor Focus/alignment program exited

Mon Jul 09 17:01:39 GMT 2018 SGS Alignment complete

Mon Jul 09 17:01:42 GMT 2018 KCOR Start Synoptic Patrol

Mon Jul 09 19:04:04 GMT 2018 KCOR End Patrol

Mon Jul 09 19:04:14 GMT 2018 SGS Alignment complete

Mon Jul 09 19:04:16 GMT 2018 KCOR Start Synoptic Patrol

Mon Jul 09 19:56:12 GMT 2018 KCOR End Patrol

GENERAL COMMENT BY waters: Mon Jul 09 19:56:35 GMT 2018

Clouds coming, instruments idled.

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

GENERAL COMMENT BY waters: Mon Jul 09 20:06:55 GMT 2018

Vog is coming up with the clouds, closing dome just in case.

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

KCOR COMMENT BY berkey: Tue Jul 10 01:55:28 GMT 2018

Some troubleshooting of the kcor ups today.

It is back online now and appears to be functional; but since we dont understand the source of the problem it is hard to k now if we just arent experincing the tranisit problem now. Leaving the Kcor system on the CoMP ups for now.

Batteries were pulled out and visually inspected; no signs of bloated batteries or other obvious problems.

Changes for nonimal configuration:

Plug move from the A10 circut to the A18 circut. A10 appears to have be shared with the same electrical phase at the CoMP

A16 UPS. Not sure if the problem is related to the plug, breaker or phase; but we did find the A10 phase was 118V not 120V. UPS claims to be happy with 70-150V so this doenst seem like the issue.

The power/ups monitoring software on kcor was updated the new code seems a little smarter. This software doesn't control the UPS so I dont think think this could have been the source of the UPS faults but seems to run a little better.

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

ONSITE STAFF: berkey, waters