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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 10 16:17:08 GMT 2020

Year: 20 Doy: 162

Observer: berkey

GENERAL COMMENT BY berkey: Wed Jun 10 16:17:13 GMT 2020

PM Blew off Kcor O1

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

GENERAL COMMENT BY berkey: Wed Jun 10 16:17:16 GMT 2020

PM Blew off Kcor Field Lens

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

GENERAL COMMENT BY berkey: Wed Jun 10 16:17:27 GMT 2020

Opened windows upstairs.

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

WEATHER COMMENT: berkey: Wed Jun 10 16:17:51 GMT 2020

Temp: 47.6f, Humidity: 21%, Pressure: 28.701in, Wind: 7mph from 126degs, Skies: thin cirrus over the whole sky

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

GENERAL COMMENT BY berkey: Wed Jun 10 16:27:21 GMT 2020

SGS didn't send output voltages again this morning, when commanding closed loop. With the spar slightly off the sun output voltages for both RA and DEC were railed at 10V so it looks like neither axis was moving.

This was visual confirmed by setting the guider to slew and +/-10V and seeing no motion in the RA gears.

Looking in the NEMA box the LEDS on the 5 and 24 volt power supplies were on and in the correct mode.

Motion was recovered when stopping/stating the SGS.exe software. Based on my reading of the code the only change this made was power cycling the copley amplifiers.

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

Wed Jun 10 18:50:57 GMT 2020 Kcor Focus/alignment program exited

Wed Jun 10 20:37:28 GMT 2020 SGS Alignment complete

Wed Jun 10 20:37:29 GMT 2020 Kcor Focus/alignment program exited

Wed Jun 10 21:00:56 GMT 2020 KCOR Start Synoptic Patrol

Wed Jun 10 21:25:21 GMT 2020 KCOR End Patrol

GPS COMMENT by MLSO: Wed Jun 10 21:45:09 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_157\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_158\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_159\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_160\_2145.bin 2147483647

/mnt/usb/dataoutiq\_2020\_161\_2145.bin 2147483647

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

GENERAL COMMENT BY berkey: Wed Jun 10 21:55:32 GMT 2020

PM Blew off Kcor O1. Linear structure in the NW appears to be a human air that fell on the lens.

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

GENERAL COMMENT BY berkey: Wed Jun 10 23:02:52 GMT 2020

Cirrus looks like it will stay heavy for the rest of the day.

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

ONSITE STAFF: berkey