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Mauna Loa Solar Observatory Observer's Log  
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Fri Apr 17 16:54:31 GMT 2020

Year: 20 Doy: 108

Observer: berkey

WEATHER COMMENT: berkey: Fri Apr 17 16:57:53 GMT 2020

Temp: 42.8f, Humidity: 7%, Pressure: 28.772in, Wind: 6mph from 131degs, Skies: mostly clear with patchy cirrus to the east  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Fri Apr 17 17:32:39 GMT 2020

PM Washed Kcor O1. Tried blowing of the bullet hole dust particles seen in yesterdays data. However the particles were stubborn and would not move. O1 was taken down stairs and given a DI water rinse on both sides. This seemed to remove the offending dust.  
\_\_\_\_end\_\_\_\_

Fri Apr 17 17:41:24 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Fri Apr 17 17:53:54 GMT 2020

Windows were opened upstairs before doing the O1 inspection cleaning.  
\_\_\_\_end\_\_\_\_

KCOR COMMENT BY berkey: Fri Apr 17 17:55:48 GMT 2020

Rinsing seemed to remove a couple of the of the artifacts in the data. But it seems like the worst offending spot in the SE is still there but the diffraction signal is much more muted. So far I cant tell if the exact particle just got muted or we washed away the old particle replacing it with a smaller one.  
\_\_\_\_end\_\_\_\_

Fri Apr 17 19:02:16 GMT 2020 KCOR Start Synoptic Patrol

Fri Apr 17 19:41:27 GMT 2020 KCOR End Patrol

Fri Apr 17 19:41:28 GMT 2020 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini

Fri Apr 17 19:56:43 GMT 2020 KCOR End Calibration Script

Fri Apr 17 19:57:00 GMT 2020 KCOR Start Synoptic Patrol

Fri Apr 17 19:57:00 GMT 2020 KCOR Start Synoptic Patrol

GPS COMMENT by MLSO: Fri Apr 17 21:45:06 GMT 2020

Successfully logged in to system

Good disk mount

GPS software running

Last 5 GPS data files are:

/mnt/usb/dataoutiq\_2020\_103\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_104\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_105\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_106\_2146.bin 2147483647

/mnt/usb/dataoutiq\_2020\_107\_2146.bin 2147483647  
\_\_\_\_end\_\_\_\_

Fri Apr 17 22:10:50 GMT 2020 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Fri Apr 17 22:16:32 GMT 2020

Afternoon cloud moving in.  
\_\_\_\_end\_\_\_\_

ONSITE STAFF: berkey