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Mauna Loa Solar Observatory Observer's Log  
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Sun Feb 2 16:24:50 GMT 2020

Year: 20 Doy: 033

Observer: waters

WEATHER COMMENT: waters: Sun Feb 02 17:17:01 GMT 2020

Temp 27.0f with windspeed at about 5-10mph from the South. Besides some cirrus to the West, sky looks clear.

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

GENERAL COMMENT BY waters: Sun Feb 02 17:23:01 GMT 2020

PM Blew off Kcor 01

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

GENERAL COMMENT BY waters: Sun Feb 02 17:23:12 GMT 2020

Windows opened upstairs.

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

KCOR COMMENT BY waters: Sun Feb 02 17:58:57 GMT 2020

Kcor above dome

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

Sun Feb 02 18:00:11 GMT 2020 Kcor Focus/alignment program exited

Sun Feb 02 18:00:50 GMT 2020 KCOR Start Synoptic Patrol

GENERAL COMMENT BY waters: Sun Feb 02 18:01:23 GMT 2020

Kcor temp was at 31.9C when I came in. Starting up Kcor

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

KCOR COMMENT BY waters: Sun Feb 02 19:16:23 GMT 2020

Going to try and address the two bullets holes on the O1; the ones in the East and Southeast.

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

Sun Feb 02 19:16:19 GMT 2020 KCOR End Patrol

Sun Feb 02 19:16:21 GMT 2020 KCOR End Patrol

Sun Feb 02 19:20:45 GMT 2020 KCOR Start Synoptic Patrol

KCOR COMMENT BY waters: Sun Feb 02 19:22:57 GMT 2020

I was able to blow off some dust on the O1 but I will have to wait and see if they were the right ones.

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

KCOR COMMENT BY waters: Sun Feb 02 19:31:36 GMT 2020

Doesn't look like it helped, unfortunately.

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

Sun Feb 02 21:06:27 GMT 2020 KCOR End Patrol

Sun Feb 02 21:06:36 GMT 2020 KCOR End Patrol

Sun Feb 02 21:06:41 GMT 2020 KCOR Start Synoptic Patrol

Sun Feb 02 21:08:14 GMT 2020 KCOR End Patrol

Sun Feb 02 21:08:22 GMT 2020 KCOR End Patrol

Sun Feb 02 21:08:38 GMT 2020 KCOR Start Synoptic Patrol

WEATHER COMMENT: waters: Sun Feb 02 21:09:08 GMT 2020

Clouds are starting to pass, keeping an eye on them.

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

Sun Feb 02 21:10:57 GMT 2020 KCOR End Patrol

Sun Feb 02 21:11:09 GMT 2020 KCOR End Patrol

Sun Feb 02 21:11:59 GMT 2020 KCOR Start Synoptic Patrol

Sun Feb 02 21:14:02 GMT 2020 KCOR End Patrol

Sun Feb 02 21:14:11 GMT 2020 KCOR End Patrol  
GENERAL COMMENT BY waters: Sun Feb 02 21:14:59 GMT 2020  
Stopping Kcor  
\_\_\_\_end\_\_\_\_

WEATHER COMMENT: waters: Sun Feb 02 21:24:48 GMT 2020  
Some clouds look a little low, closing the dome just in case  
\_\_\_\_end\_\_\_\_

GPS by MLSO: Sun Feb 02 21:45:07 GMT 2020  
Successfully logged in to system  
Good disk mount  
GPS software running

Last 5 GPS data files are:  
dataout\_2020\_031\_2226.bin 99984184  
dataout\_2020\_032\_2226.bin 97161296  
dataoutiq\_2020\_031\_2226.bin 2147483647  
dataoutiq\_2020\_032\_2226.bin 2147483647  
\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY waters: Mon Feb 03 02:25:17 GMT 2020  
Data this morning was good, not too many aerosols. Unfortunately, no afternoon data.  
\_\_\_\_end\_\_\_\_

ONSITE STAFF: waters