

Mauna Loa Solar Observatory Observer's Log

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Tue Feb 22 17:24:37 GMT 1994

Year: 94 Doy: 053

Observer: koon

dPMon: Tue Feb 22 17:24:48 GMT 1994

It says koon, but it is elmore and streander here early. Darryl, Howard, and Steve soon to follow.

Beautiful blue sky. Low clouds along the coasts. Temp 5C. Wind light.

Will work on trying to get a k-corona scan with dPMon this AM.

Tue Feb 22 18:01:08 GMT 1994

K\_Corona Start

Tue Feb 22 18:01:48 GMT 1994

K\_Corona Start

Tue Feb 22 18:03:15 GMT 1994

K\_Corona Start

Tue Feb 22 18:09:06 GMT 1994

K\_Corona End

dPMon: Tue Feb 22 18:09:15 GMT 1994

K-corona diffuser scan. 16 positions.

100/100 second exposure. HN38S and waveplate.

Rotation was CCW.

Tue Feb 22 18:10:37 GMT 1994

K\_Corona Start

dPMon: Tue Feb 22 18:16:06 GMT 1994

K-corona. May have extra scattered light at position 2

Tue Feb 22 18:17:33 GMT 1994

K\_Corona Start

Tue Feb 22 18:23:28 GMT 1994

K\_Corona End

dPMon: Tue Feb 22 18:23:28 GMT 1994

Lost guiding last three or so positions.

Expousure time 150/100 second

Tue Feb 22 18:33:32 GMT 1994

K\_Corona Start

Tue Feb 22 18:38:37 GMT 1994

K\_Corona End

dPMon: Tue Feb 22 18:38:41 GMT 1994

Good k-corona scan

Tue Feb 22 18:38:56 GMT 1994

K\_Corona Start

Tue Feb 22 18:43:51 GMT 1994

K\_Corona End

dPMon: Tue Feb 22 18:43:56 GMT 1994

Position 7 camera had to fix camera reads, otherwise good.

Tue Feb 22 18:44:18 GMT 1994

K\_Corona Start  
Tue Feb 22 18:49:08 GMT 1994  
K\_Corona End  
dPMon: Tue Feb 22 18:49:11 GMT 1994  
K-corona scan looks good.  
Tue Feb 22 18:50:30 GMT 1994  
K\_Corona Start  
dPMon: Tue Feb 22 18:55:44 GMT 1994  
Diffuser. Messed up first position.  
a End  
Tue Feb 22 18:56:02 GMT 1994  
K\_Corona Start  
Tue Feb 22 19:00:41 GMT 1994  
K\_Corona End  
dPMon: Tue Feb 22 19:01:15 GMT 1994  
Diffuser again, looks good.  
We have a polarimeter.  
Tue Feb 22 19:02:01 GMT 1994  
K\_Corona Start  
Tue Feb 22 19:06:19 GMT 1994  
K\_Corona End  
dPMon: Tue Feb 22 19:07:28 GMT 1994  
Darks at 100/100 second  
Tue Feb 22 19:07:54 GMT 1994  
K\_Corona Start  
Tue Feb 22 19:12:41 GMT 1994  
K\_Corona End  
dPMon: Tue Feb 22 19:13:23 GMT 1994  
Dark at 150/100 second.  
Will put on filemark and call this good.  
dPMon: Tue Feb 22 19:14:35 GMT 1994  
dPMon tape number is P00003  
dPMon: Tue Feb 22 19:40:34 GMT 1994  
This is a test of a new log command.  
MkIII :Tue Feb 22 19:43:41 GMT 1994  
Observer for the day is DAK.  
This is a delayed log entry since the terminal was being used  
this morning.  
NOTE: Channel 0 calibration was done at 1851  
dPMon: Tue Feb 22 19:47:52 GMT 1994  
Weather is cool with light Northwesterly wind.  
MkIII :Tue Feb 22 21:00:24 GMT 1994  
The O1 guider was off in the y-axis, reset the spar guider  
and the problem went away.  
NOTE: We paused the MKIII for about 20 minutes to check  
something on the DPMON. We restarted scans about 20 minutes  
ago.  
dPMon: Tue Feb 22 22:45:26 GMT 1994

Trying to observe the disc with DayStar filter.

Tue Feb 22 22:46:14 GMT 1994

Patrol Start

MkIII :Tue Feb 22 22:49:25 GMT 1994

Enhancement noticed at PA~230, nothing visible at that point on the limb.

Tue Feb 22 22:58:01 GMT 1994

Patrol End

MkIII :Tue Feb 22 23:07:03 GMT 1994

Activity Report:

QP: 130.

No Coronal Activity.

NOTE: We will have to start watching for interference between the dome and the sunlight to the instruments due to the declination of the sun at this time of year.

Wed Feb 23 00:02:00 GMT 1994

Patrol End

Wed Feb 23 01:07:44 GMT 1994

Filemark

SCAN-LOG

SCAN-LOG 18:29:55. 2/22/94 DOY 53

18:35:21	18:38:37	18:41:52	18:45:10	1852 0 CL
18:55:16	1900 15CL	19:10:47	19:13:59	19:17:13
19:20:25	19:23:44	19:27:00	19:30:13	19:33:26
19:36:40	19:39:53	19:43:07	19:46:20	19:49:35
19:52:48	19:56:02	19:59:16	20:02:31	20:05:44
20:09:04	20:35:34	20:38:46	20:42:02	20:45:14
20:48:28	20:51:41	20:55:00	20:58:13	21:01:28
21:04:41	21:07:57	21:11:11	21:14:26	21:17:40
21:20:55	21:24:08	21:27:23	21:30:37	21:33:54
21:37:08	21:40:27	21:43:41	21:46:56	21:50:10
21:53:25	21:56:40	21:59:55	22:03:10	22:06:25
22:09:39	22:12:53	22:16:07	22:19:21	22:22:35
22:25:50	22:29:03	22:32:18	22:35:31	22:38:45
22:41:58	22:45:16	22:48:28	22:51:42	22:54:55
22:58:13				

0 ERRORS

OK