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Mauna Loa Solar Observatory Observer's Log  
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Fri Jun 13 16:41:21 GMT 1997

Year: 97 Doy: 164

Observer: koon

WEATHER COMMENT: Fri Jun 13 16:41:26 GMT 1997

Medium to thick cirrostratus over half the sky, will start up observations anyway since it might clear away, wind=10 mph from the South, temp=50 F.

Fri Jun 13 16:42:40 GMT 1997 CHIP Startup--Initializing new tape

Fri Jun 13 16:49:03 GMT 1997 CHIP CHIP Start Patrol

Fri Jun 13 16:49:14 GMT 1997 dPMon Start Patrol

Fri Jun 13 17:02:03 GMT 1997 dPMon Flat

Fri Jun 13 17:02:29 GMT 1997 CHIP Bias

Fri Jun 13 17:03:00 GMT 1997 dPMon End Flat

Fri Jun 13 17:03:15 GMT 1997 CHIP End Bias

Fri Jun 13 17:03:25 GMT 1997 CHIP Water

Fri Jun 13 17:03:57 GMT 1997 CHIP End Water

Fri Jun 13 18:01:52 GMT 1997 dPMon Flat

Fri Jun 13 18:02:03 GMT 1997 CHIP Bias

Fri Jun 13 18:02:45 GMT 1997 dPMon End Flat

Fri Jun 13 18:02:49 GMT 1997 CHIP End Bias

Fri Jun 13 18:02:58 GMT 1997 CHIP Water

Fri Jun 13 18:03:31 GMT 1997 CHIP End Water

MKIII COMMENT: Fri Jun 13 18:05:07 GMT 1997

Clouds have cleared, starting observations.

LOW-L COMMENT: Fri Jun 13 18:17:41 GMT 1997

Number of files should be 51 but screen shows it as 4. This is drive #0.

Will continue to let it run and eject it tomorrow.

Fri Jun 13 19:01:08 GMT 1997 CHIP Bias

Fri Jun 13 19:01:54 GMT 1997 CHIP End Bias

WEATHER COMMENT: Fri Jun 13 19:01:41 GMT 1997

Thin cirrostratus has been back for about 30 minutes.

Fri Jun 13 19:02:10 GMT 1997 dPMon Flat

Fri Jun 13 19:02:06 GMT 1997 CHIP Water

Fri Jun 13 19:02:41 GMT 1997 CHIP End Water

Fri Jun 13 19:03:07 GMT 1997 dPMon End Flat

MKIII COMMENT: Fri Jun 13 19:02:08 GMT 1997

I've been waiting for the cirrostratus to clear, but it has only thinned with no total clearing likely anytime soon. So I will continue with the calibration that I started about 30 minutes ago, it will most likely be bad but I need to do some O1 tracking tests and can't with the cal program started.

MKIII COMMENT: Fri Jun 13 19:20:01 GMT 1997

Cal looks bad.

MKIII COMMENT: Fri Jun 13 19:32:49 GMT 1997

Not observing with this due to clouds.

Fri Jun 13 20:02:00 GMT 1997 dPMon Flat

Fri Jun 13 20:02:56 GMT 1997 dPMon End Flat  
Fri Jun 13 20:03:04 GMT 1997 CHIP Gain  
Fri Jun 13 20:07:43 GMT 1997 CHIP End Gain  
Fri Jun 13 20:07:53 GMT 1997 CHIP Bias  
Fri Jun 13 20:08:35 GMT 1997 CHIP End Bias  
Fri Jun 13 20:08:44 GMT 1997 CHIP Water  
Fri Jun 13 20:09:17 GMT 1997 CHIP End Water

COMMENT: Fri Jun 13 20:46:31 GMT 1997

Extended the dome slot. I've also been testing the way the Spar and MKIII  
O1 are guiding. I got the O1 to stay within limits but it is moving back and  
forth quite a bit because the Spar itself is constantly oscillating  
in declination. Maybe this is accentuated by the time of day or time of  
year, but it would be much better to get the Spar to dampen those declination  
oscillations. I'll keep checking the progress today and tomorrow. The  
constant light to medium cirrostratus overcast might have something to  
do with it.

WEATHER COMMENT: Fri Jun 13 20:55:37 GMT 1997

Clouds cleared for a while.

MKIII COMMENT: Fri Jun 13 20:55:53 GMT 1997

Restarting observations.

Fri Jun 13 21:01:03 GMT 1997 CHIP Bias  
Fri Jun 13 21:02:01 GMT 1997 dPMon Flat  
Fri Jun 13 21:01:56 GMT 1997 CHIP End Bias  
Fri Jun 13 21:02:06 GMT 1997 CHIP Water  
Fri Jun 13 21:02:41 GMT 1997 CHIP End Water  
Fri Jun 13 21:02:58 GMT 1997 dPMon End Flat

COMMENT: Fri Jun 13 21:26:19 GMT 1997

Spar appears to have a lower oscillation amplitude in dec, still same level  
of cloudiness.

Fri Jun 13 22:01:57 GMT 1997 dPMon Flat  
Fri Jun 13 22:02:49 GMT 1997 dPMon End Flat  
Fri Jun 13 22:03:05 GMT 1997 CHIP Bias  
Fri Jun 13 22:03:53 GMT 1997 CHIP End Bias  
Fri Jun 13 22:04:02 GMT 1997 CHIP Water  
Fri Jun 13 22:04:39 GMT 1997 CHIP End Water  
Fri Jun 13 22:10:04 GMT 1997 dPMon End Patrol  
Fri Jun 13 22:10:39 GMT 1997 CHIP CHIP End Patrol  
Fri Jun 13 22:39:37 GMT 1997 CHIP ending tape

COMMENT: Fri Jun 13 22:39:57 GMT 1997

Activity report:

QP: 75-90; 118; 221; 270-290.

No coronal activity

TAPES:

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MKIII: H01578

DPMON: P00909

CHIP: C00330

LOWL: L00459 in drive #0

SCAN-LOG

SCAN-LOG 16:49:33. 6/13/97 DOY 164

|          |           |          |          |           |
|----------|-----------|----------|----------|-----------|
| 18:08:54 | 18:12:07  | 18:15:21 | 18:18:33 | 1902 0 CL |
| 19:05:36 | 1913 15CL | 19:19:50 | 20:56:48 | 21:00:01  |
| 21:03:12 | 21:06:31  | 21:09:44 | 21:13:02 | 21:16:13  |
| 21:19:25 | 21:22:37  | 21:25:49 | 21:29:02 | 21:32:17  |
| 21:35:28 |           |          |          |           |

0 ERRORS

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