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Mauna Loa Solar Observatory Observer's Log  
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Sat Apr 27 16:49:54 GMT 1996

Year: 96 Doy: 118

Observer: koon

WEATHER COMMENT: Sat Apr 27 16:50:01 GMT 1996

Clear sky, wind=5 mph from the SSE, temp=48 F.

CHIP--Sat Apr 27 16:50:56 GMT 1996

Startup--Initializing new tape

CHIP--Sat Apr 27 16:57:01 GMT 1996

CHIP Start Patrol

CHIP--Sat Apr 27 16:58:43 GMT 1996

Start Patrol

CHIP--Sat Apr 27 17:00:15 GMT 1996

Filemark

CHIP--Sat Apr 27 17:00:33 GMT 1996

End Patrol

CHIP--Sat Apr 27 17:00:43 GMT 1996

CHIP Filemark

CHIP--Sat Apr 27 17:01:18 GMT 1996

Flat

CHIP--Sat Apr 27 17:06:15 GMT 1996

End Flat

CHIP--Sat Apr 27 17:23:58 GMT 1996

Start Patrol

DPMON COMMENT: Sat Apr 27 17:29:29 GMT 1996

The objective wheel was between ports this morning, I had to rotate it by hand to get a good image, holding a card just before the filter wheel showed an image that wasn't round. Also adjusted the Coude bench encoder.

DPMON COMMENT: Sat Apr 27 17:33:06 GMT 1996

The objective wheel is slipping back in front of the light path, will stop observing so David can work on the software.

CHIP--Sat Apr 27 18:00:34 GMT 1996

CHIP Filemark

CHIP--Sat Apr 27 18:01:05 GMT 1996

Flat

CHIP--Sat Apr 27 18:06:47 GMT 1996

End Flat

LOW-L COMMENT: Sat Apr 27 18:48:38 GMT 1996

I adjusted the heater setpoint from 21 to 24 C because the West2 and MOF2

fields were going red from low temperature. A few weeks ago I started adjustithe setpoint downwards to counteract the high temperatures we were getting,  
The Smartfan and the heater were often on at full blast at the same time. On 4/25 Eric replaced the degraded foam insulation on the West side closed loop heat exchanger duct, this caused the Smartfan to reduce the amount of time that it was running and the heater also reduced its duty cycle, and the temperatures as shown on the program screen all dropped down a little. I guess some heat was getting in on that uninsulated duct and causing the Smartfan to run too much which probably influenced the heater, etcetera. So anyway, I adjusted the heater setpoint back up towards where it was a few weeks ago.

CHIP--Sat Apr 27 18:59:21 GMT 1996  
Start Patrol  
CHIP--Sat Apr 27 19:00:21 GMT 1996  
Filemark  
CHIP--Sat Apr 27 19:01:28 GMT 1996  
CHIP Filemark  
CHIP--Sat Apr 27 19:02:38 GMT 1996  
Flat  
CHIP--Sat Apr 27 19:07:15 GMT 1996  
End Patrol  
CHIP--Sat Apr 27 19:08:30 GMT 1996  
End Flat  
CHIP--Sat Apr 27 19:44:50 GMT 1996  
CHIP End Patrol

CHIP COMMENT: Sat Apr 27 19:47:35 GMT 1996  
Stopping observing to allow work to be done on the Spar.

DPMON COMMENT: Sat Apr 27 19:50:17 GMT 1996  
Image centered on camera, stopping observations and saving data.

CHIP--Sat Apr 27 19:51:16 GMT 1996  
ending tape

Comment--Sat Apr 27 19:51:48 GMT 1996  
Activity report:  
QP: 50; 103; 125-130; 230; 250; 255; 315.  
No coronal activity.

TAPES:  
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MKIII: H01278  
DPMON: P00593  
CHIP: C00009  
LOW-L: L00386 in drive #0

SCAN-LOG

SCAN-LOG 16:57:13. 4/27/96 DOY 118

17:03:18	17:06:32	17:09:49	17:13:03	17:16:18
17:19:31	17:22:44	17:25:55	17:29:08	17:32:19
17:35:32	17:38:43	17:41:57	17:45:07	17:48:19
17:51:31	17:54:42	17:57:52	18:01:04	1807 0 CL
18:10:49	1815 15CL	18:19:00	18:22:30	18:25:42
18:28:59	18:32:09	18:35:26	18:38:36	18:41:49
18:45:00	18:48:17	18:51:28	18:54:40	18:57:51
19:01:05	19:04:16	19:07:29	19:10:40	19:13:59
19:17:10	19:20:23	19:23:34	19:26:48	19:30:00
19:33:14	19:36:27	19:39:40	19:42:51	

0 ERRORS

OK