

Mauna Loa Solar Observatory Observer's Log

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Sun Mar 20 17:53:19 GMT 1994

Year: 94 Doy: 079

Observer: koon

COMMENT: Sun Mar 20 17:54:05 GMT 1994

Cool, Clear sky, light wind from the southeast.

DPMON COMMENT: Sun Mar 20 17:54:53 GMT 1994

Can't control the Bench Angle from the control room interface. I can move it manually from upstairs and the clock drive appears to be working, but the angle readout doesn't match the actual position.

Sun Mar 20 18:06:31 GMT 1994: Patrol Start

DPMON COMMENT: Sun Mar 20 18:06:36 GMT 1994

Bench was upside down, I manually slewed it to approximately correct position and then the manual "control room" controls worked OK. Not sure why the bench was in that position or why it doesn't work properly from that position but normally this isn't an initial starting position.

Sun Mar 20 18:18:02 GMT 1994: Patrol End

DPMON COMMENT: Sun Mar 20 18:30:37 GMT 1994

Noticed that the disk images were very overexposed, stopped Patrol and manually tested exposure times. The disk looked featureless indicating a possible filter problem. Went upstairs and felt the Daystar filter, it was cold. Couldn't find any problem with wiring, unplugged filter and tested the circuit it was on, circuit was good so I plugged the filter back in and it started to get warm, possible flaky extension cord plug, will replace it.

Sun Mar 20 18:43:38 GMT 1994: Patrol Start

Sun Mar 20 19:02:22 GMT 1994: Filemark-Calibration

Sun Mar 20 19:08:09 GMT 1994: Patrol End

Sun Mar 20 19:09:11 GMT 1994: Patrol Start

COMMENT: Sun Mar 20 19:11:42 GMT 1994

Spar wasn't guiding, repointed and reset guider.

DPMON COMMENT: Sun Mar 20 19:31:17 GMT 1994

Having problems with the Daystar filter again, it went cold.

Sun Mar 20 20:01:12 GMT 1994: Filemark-Calibration

Sun Mar 20 20:54:03 GMT 1994: Patrol End

DPMON COMMENT: Sun Mar 20 21:35:18 GMT 1994  
Couldn't get Daystar filter to heat up again. Can feel heat at control box  
so electricity is getting that far. Opened box but didn't see any broken  
wires or burnt parts. Pulled entire filter out and will test it at bench.  
taped over the filter aperture and set disk exposures way down to 1/100  
of a second so that the patrol program can be used for limb observations while  
we work on the filter (I wasn't sure if I could set the exposure to 0 w/o  
crashing the program). Will contact the Daystar company for schematics  
if necessary during the week.  
dsgt

Sun Mar 20 21:43:24 GMT 1994: Patrol Start  
Sun Mar 20 21:49:06 GMT 1994: Patrol End

COMMENT: Sun Mar 20 21:49:33 GMT 1994  
Activity Report:  
QP: 97; 120; 235; 272.  
No coronal activity.

TAPES:  
MKIII: H00722  
DPMON: P00022

Sun Mar 20 21:51:25 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 17:38:06. 3/20/94 DOY 79

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

0 ERRORS

OK