

Mauna Loa Solar Observatory Observer's Log

Wed Dec 14 17:12:43 GMT 1994

Year: 94 Doy: 348

Observer: yasukawa

WEATHER COMMENT: Wed Dec 14 17:13:09 GMT 1994

Cold, clear, light south wind. Temp=41F.

Wed Dec 14 17:18:35 GMT 1994: Patrol Start

Wed Dec 14 17:24:07 GMT 1994: Patrol End

DPMON COMMENT: Wed Dec 14 17:29:09 GMT 1994

Changed occulting disc from 1981 to 1991 (#4 to #3).

Wed Dec 14 17:30:06 GMT 1994: Patrol Start

Wed Dec 14 18:00:55 GMT 1994: Calibration

DPMON COMMENT: Wed Dec 14 18:27:38 GMT 1994

Image wierded out. Reset Plessey to attempt fix.

MKIII COMMENT: Wed Dec 14 19:00:16 GMT 1994

Experienced guider oscillation. Reset guider to stop it. Oscillation affected mkiii data scans.

MKIII COMMENT: Wed Dec 14 19:14:22 GMT 1994

Stopping mkiii to work on channel 0 alignmant.

Wed Dec 14 20:01:05 GMT 1994: Calibration

MKIII COMMENT: Wed Dec 14 20:34:26 GMT 1994

Scanning with slot mask in, opal in, at the "aligned" detector position to document the pixel heights on exabyte tape.

MKIII COMMENT: Wed Dec 14 20:40:53 GMT 1994

Took 2 scans of slot mask data then stopped to remove slot mask and check alignment.

Wed Dec 14 21:01:00 GMT 1994: Calibration

Wed Dec 14 22:01:03 GMT 1994: Calibration

MKIII COMMENT: Wed Dec 14 22:04:06 GMT 1994

OK, got what may be the best alignment after hours of adjusting rotation and up/down. Now detectors look "square" in their mount, and the P+S and P-S traces for both masked and no-mask look about as best as I can get them

at any one adjustment setting. MKIII is put back together. Will run a CORRECT and then CALIBRATE.

MKIII COMMENT: Wed Dec 14 22:15:47 GMT 1994
CORRECT pau. Calibrating channel 0.

MKIII COMMENT: Wed Dec 14 22:38:47 GMT 1994
UGH! I forgot to document the new height with the mask in after settling on a final alignment. I'll go back and do it.

MKIII COMMENT: Wed Dec 14 22:45:46 GMT 1994
Inserted slot mask and opal. Taking scans to exabyte to document pixel heights.

MKIII COMMENT: Wed Dec 14 22:52:11 GMT 1994
Removing slot mask and opal.

WEATHER COMMENT: Wed Dec 14 22:52:33 GMT 1994
Clouds??? UGH, in cirrus.

MKIII COMMENT: Wed Dec 14 22:57:31 GMT 1994
OK, MKIII restored to all its glory. Will attempt a fer more coronal scans, but cirrus may have gotten me for the day.

Wed Dec 14 23:00:57 GMT 1994: Calibration

WEATHER COMMENT: Wed Dec 14 23:14:32 GMT 1994
In cirrus deck that is mixed thin and moderate and is pretty extensive now.

COMMENT: Wed Dec 14 23:15:23 GMT 1994
End observations.

Activity Report:
QP: 43-50; 130; 240;
No coronal activity detected.

TAPES: MKIII: H00912 being sent back to Boulder today for alignment evaluation.
DPMON: P00229
LOWL: L00146 in unit 0
ALIGNMENT VIDEO also to be sent back with H00912.

Wed Dec 14 23:19:15 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 17:19:24. 12/14/94 DOY 348

17:36:29	17:39:40	17:42:51	17:46:01	17:49:11
17:52:21	17:55:34	17:58:44	18:01:55	18:05:06
18:08:18	18:11:28	1818 0 CL	18:21:07	1826 15CL
18:30:39	18:34:21	18:37:31	18:40:44	18:43:54
18:47:04	18:50:13	18:53:24	18:56:34	18:59:49
19:02:58	19:06:10	19:09:20	19:12:34	20:34:20
20:37:26	22:16:26	2224 0 CL	22:27:31	2231 15CL
22:36:13	22:45:44	22:48:50	22:57:28	23:00:35
23:03:44	23:09:53			

0 ERRORS

OK