

From yasukawa@hao.ucar.edu Tue Jun 21 16:26 MDT 1994  
Received: from hao (hao.ucar.edu [128.117.16.4]) by slug.hao.ucar.edu (8.6.9/8.6.6.Beta  
9) with SMTP id QAA24333 for <alice@slug>; Tue, 21 Jun 1994 16:26:27 -0600  
Received: by hao (4.1/SMI-4.1)  
id AA18066; Tue, 21 Jun 94 16:26:34 MDT  
Date: Tue, 21 Jun 94 16:26:34 MDT  
From: yasukawa@hao.ucar.edu (Eric Yasukawa)  
Message-Id: <9406212226.AA18066@hao>  
To: alice, iguana  
Content-Type: text  
Content-Length: 4725  
Status: R

Mauna Loa Solar Observatory Observer's Log

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Tue Jun 21 16:50:09 GMT 1994  
Year: 94 Doy: 172  
Observer: yasukawa

WEATHER COMMENT: Tue Jun 21 16:50:35 GMT 1994  
Cool, clear, light south wind. temp=45F.

Tue Jun 21 16:51:48 GMT 1994: Patrol Start  
Tue Jun 21 17:01:14 GMT 1994: Filemark-Calibration  
Tue Jun 21 17:09:02 GMT 1994: Patrol End

DPMON COMMENT: Tue Jun 21 17:14:47 GMT 1994  
Changed occulting disc from 1931 to 1921 (#9 to #10).

Tue Jun 21 17:15:45 GMT 1994: Patrol Start

DPMON COMMENT: Tue Jun 21 17:27:27 GMT 1994  
DPMON crashed when going to manual to change occulting disc.  
Had to reboot Sparcstation to recover. Symptom of crash is  
becoming quite regular, Camera remains BUSY (system crashes there,  
camera not actually active).  
Recycling tape # P00088.  
Saved earlier logs and recovered them after reboot.

Tue Jun 21 17:31:28 GMT 1994: Patrol Start

DPMON COMMENT: Tue Jun 21 17:42:01 GMT 1994  
O2B mic set from 4.95mm to 5.05mm as per latest focus test results  
decision by Alice.

MKIII COMMENT: Tue Jun 21 17:45:51 GMT 1994  
Starting Calibrate/Correct/Calibrate routine as agreed upon in  
Boulder.

Tue Jun 21 18:02:20 GMT 1994: Filemark-Calibration

DPMON COMMENT: Tue Jun 21 18:19:52 GMT 1994  
Changed Lyot stop to 0.7" paper stop w/ no hr filter, O2B focus  
from 5.05mm to 3.85mm, and edited disc exposure to 50ms.

MKIII COMMENT: Tue Jun 21 18:31:19 GMT 1994  
Cal/Correct/Cal pau. Running a dark scan instead of "NOAA" scan.

MKIII COMMENT: Tue Jun 21 18:44:12 GMT 1994  
VDIFF of before- and after-correct coronal scan reveal no  
significant difference.

DPMON COMMENT: Tue Jun 21 18:48:28 GMT 1994

Resumed limb-preferred setting: O2B at 5.05mm, 0.8" Lyot stop with hr filter, disk exposure at 120ms.

Tue Jun 21 19:02:09 GMT 1994: Filemark-Calibration  
Tue Jun 21 19:35:15 GMT 1994: Patrol End

COMMENT: Tue Jun 21 19:35:25 GMT 1994  
Reconfiguring dome shutter.

Tue Jun 21 19:45:45 GMT 1994: Patrol Start

COMMENT: Tue Jun 21 19:46:00 GMT 1994  
Tried to check seeing in dome with Questar and solar filter but there are no good visible features on disk that allowed me to determine seeing one way or the other.

MKIII COMMENT: Tue Jun 21 19:48:49 GMT 1994  
Will try changing Channel 1 phasing by 22.5 degrees to try to equalize U and Q. Micro B channel phasing set at 5 to start.

MKIII COMMENT: Tue Jun 21 19:53:25 GMT 1994  
Setting Micro B channel phasing to 7 moved phasing to approximately -22.5 degrees from 0 degrees (peak).

DPMON COMMENT: Tue Jun 21 19:57:38 GMT 1994  
DPMON crashed again. Will have to save log and reboot. Starting new tape this time. End P00088, loading P00089.

COMMENT: Tue Jun 21 20:10:21 GMT 1994  
Restored logs.

Tue Jun 21 20:10:46 GMT 1994: Patrol Start

MKIII COMMENT: Tue Jun 21 20:18:34 GMT 1994  
Looks like Q and U NMAPs are about equal in pB. I will leave phasing as is for tomorrow, to see what channel 1 looks like in better sky. I'll change it back on Thursday.

Tue Jun 21 21:02:14 GMT 1994: Filemark-Calibration  
Tue Jun 21 22:02:20 GMT 1994: Filemark-Calibration  
Tue Jun 21 22:05:01 GMT 1994: Patrol End

COMMENT: Tue Jun 21 22:05:48 GMT 1994  
Activity Report:  
QP: 60; 75; 83; 218; 252; 291; 318;  
No coronal activity

TAPES: MKIII: H00781  
DPMON: P00088 and P00089  
LOW-L: L00064 in unit 0

Tue Jun 21 22:09:50 GMT 1994: Filemark  
SCAN-LOG

SCAN-LOG 16:49:59. 6/21/94 DOY 172

16:57:18	17:00:30	17:03:43	17:06:54	17:10:06
17:13:17	17:16:30	17:19:42	17:22:56	17:26:09
17:29:21	17:32:33	17:35:45	17:38:56	17:42:07
17:45:18	1749 0 CL	17:52:13	1756 15CL	18:11:37
1818 0 CL	18:21:46	1826 15CL	18:30:43	18:34:23
18:37:35	18:40:53	18:44:04	18:47:14	18:50:23
18:53:34	18:56:44	18:59:58	19:03:07	19:06:18
19:09:27	19:12:36	19:15:45	19:18:55	19:22:03
19:25:12	19:28:20	19:31:28	19:34:35	19:37:43

19:40:50	19:43:58	19:47:04	19:56:18	19:59:25
20:02:33	20:05:41	20:08:48	20:11:57	20:15:08
20:18:15	20:21:24	20:24:32	20:27:42	20:30:50
20:33:59	20:37:09	20:40:23	20:43:31	20:46:40
20:49:48	20:52:57	20:56:05	20:59:14	21:02:23
21:05:32	21:08:39	21:11:48	21:14:55	21:18:08
21:21:15	21:24:23	21:27:30	21:30:38	21:33:45
21:36:53	21:39:59	21:43:07	21:46:13	21:49:21
21:52:27	21:55:36	21:58:44	22:01:52	

0 ERRORS  
OK