

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.Beta9) 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

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