

Mauna Loa Solar Observatory Observer's Log

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Sun Aug 7 16:29:23 GMT 1994  
Year: 94 Doy: 219  
Observer: chu

WEATHER COMMENT: Sun Aug 7 16:29:33 GMT 1994  
Scattered light cirrostratus in all directions, temp 55F,  
light wind from North, Humidity 49%.

Sun Aug 7 16:32:13 GMT 1994: Patrol Start

COMMENT: Sun Aug 7 16:32:28 GMT 1994  
Beginning observations. MKIII and skytx have not cleared  
the dome. Will do so shortly.

DPMON COMMENT: Sun Aug 7 16:36:41 GMT 1994  
Camera was stuck on busy. Used DE's procedure  
(Camera >> /dev/null & then SendCameraCommand 1 1)  
to solve the problem.

MKIII COMMENT: Sun Aug 7 16:49:36 GMT 1994  
MKIII and skytx now clearing the dome.

WEATHER COMMENT: Sun Aug 7 16:50:54 GMT 1994  
Have been in a fair region of cirrostratus since start up.  
Am unsure when it will pass. Will continue data taking  
in hopes that it will pass soon.

Sun Aug 7 17:00:40 GMT 1994: Calibration

WEATHER COMMENT: Sun Aug 7 17:28:43 GMT 1994  
Sky finally clearing up. Cirrus seems to have past for now.  
There does seem to be some light haze present though.

Sun Aug 7 17:40:16 GMT 1994: Patrol End  
Sun Aug 7 17:58:22 GMT 1994: Patrol Start  
Sun Aug 7 18:02:21 GMT 1994: Calibration

DPMON COMMENT: Sun Aug 7 18:06:59 GMT 1994  
Filter run away. Recycled the Plessey power to correct.  
Recycling Plessey power caused diffuser to run away.  
Forced to stop patrol, go into manual mode, reset  
objective, reset occulting, reset filter, and reset

camera. Restarted patrol. Problem seems to have been resolved.

WEATHER COMMENT: Sun Aug 7 18:07:17 GMT 1994  
In large patch of cirrus again. Have been advised by EAY to continue running even in patches of cirrus, to attempt to retrieve a good scan in between clouds. Data processing personnel should see logs to find windows of clear sky.

WEATHER COMMENT: Sun Aug 7 18:16:43 GMT 1994  
Clear of cirrus.

WEATHER COMMENT: Sun Aug 7 18:34:16 GMT 1994  
In another thick patch of cirrus.

Sun Aug 7 19:02:19 GMT 1994: Calibration

COMMENT: Sun Aug 7 19:57:49 GMT 1994  
Reconfigured the dome slot.

Sun Aug 7 20:02:20 GMT 1994: Calibration

DPMON COMMENT: Sun Aug 7 20:11:58 GMT 1994  
Configured the Dpmon to Disk preferred mode.

Sun Aug 7 20:16:04 GMT 1994: Patrol End  
Sun Aug 7 20:21:53 GMT 1994: Patrol Start  
Sun Aug 7 20:24:05 GMT 1994: Patrol End  
Sun Aug 7 20:37:09 GMT 1994: Patrol Start

DPMON COMMENT: Sun Aug 7 20:39:44 GMT 1994  
Went to manual mode to make sure that current wash out of limb and reference images not due to filter runaway.

DPMON COMMENT: Sun Aug 7 20:56:39 GMT 1994  
Reconfigured Dpmon back to limb preferred mode.

Sun Aug 7 21:02:16 GMT 1994: Calibration  
Sun Aug 7 22:02:11 GMT 1994: Calibration  
Sun Aug 7 22:11:17 GMT 1994: Patrol End

WEATHER COMMENT: Sun Aug 7 22:12:58 GMT 1994  
Have been in varying levels of cirrus since 18:30 UT. Cirrus doesn't seem to be decreasing to the western

horizon. Likelihood of get any decent scans for the remainder of the day is poor. Will end observing.

COMMENT: Sun Aug 7 22:15:37 GMT 1994

Activity Report:

QP: 52; 88; 117-121; 136-141, 226-232; 253; 277-281; 305.

No Coronal Activity.

Tapes:

MKIII: H00816

DPMON: P00128

LOW-L: L00089

Sun Aug 7 22:16:17 GMT 1994: Filemark

SCAN-LOG

SCAN-LOG 16:42:11. 8/7/94 DOY 219

16:48:25	16:51:39	16:54:51	16:58:04	17:01:15
17:04:28	17:07:39	17:10:52	17:14:03	17:17:17
17:20:28	17:23:42	17:26:54	17:30:06	17:33:16
17:36:28	17:39:39	17:42:50	17:46:01	17:49:12
17:52:23	17:55:35	17:58:45	18:01:56	18:05:06
18:08:15	18:11:24	18:14:34	18:17:43	18:20:51
18:24:00	18:27:10	18:30:18	18:33:32	18:36:40
18:39:49	18:42:57	18:46:05	18:49:12	18:52:21
18:55:28	18:58:37	19:01:45	19:04:54	19:08:03
19:11:12	19:14:19	19:17:28	19:20:36	19:23:45
19:26:53	19:30:02	19:33:10	19:36:22	19:39:30
19:42:40	19:45:48	19:48:57	19:52:05	19:55:19
19:58:27	20:01:37	20:04:45	20:07:54	20:11:03
20:14:12	20:17:21	20:20:30	20:23:39	20:26:48
20:29:57	20:33:06	20:36:15	20:39:25	20:42:33
20:45:43	20:48:52	20:52:02	20:55:10	20:58:20
21:01:29	21:04:39	21:07:48	21:10:57	21:14:06
21:17:15	21:20:24	21:23:33	21:26:41	21:29:52
21:33:00	21:36:10	21:39:18	21:42:27	21:45:35
21:48:45	21:51:53	21:55:02	21:58:10	22:01:19
22:04:27	22:07:37			

0 ERRORS

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