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Mauna Loa Solar Observatory Observer's Log  
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Sat Aug 2 16:40:29 GMT 1997

Year: 97 Doy: 214

Observer: koon

WEATHER COMMENT: Sat Aug 2 16:40:35 GMT 1997

Clear sky, wind=10 mph from the SE, temp=50 F.

|                             |       |                                |
|-----------------------------|-------|--------------------------------|
| Sat Aug 2 16:41:14 GMT 1997 | CHIP  | Startup--Initializing new tape |
| Sat Aug 2 16:45:35 GMT 1997 | dPMon | Start Patrol                   |
| Sat Aug 2 16:45:41 GMT 1997 | CHIP  | CHIP Start Patrol              |
| Sat Aug 2 17:01:02 GMT 1997 | dPMon | Flat                           |
| Sat Aug 2 17:01:03 GMT 1997 | CHIP  | Bias                           |
| Sat Aug 2 17:01:58 GMT 1997 | dPMon | End Flat                       |
| Sat Aug 2 17:01:55 GMT 1997 | CHIP  | End Bias                       |
| Sat Aug 2 17:02:04 GMT 1997 | CHIP  | Water                          |
| Sat Aug 2 17:02:37 GMT 1997 | CHIP  | End Water                      |
| Sat Aug 2 18:01:00 GMT 1997 | dPMon | Flat                           |
| Sat Aug 2 18:01:54 GMT 1997 | dPMon | End Flat                       |
| Sat Aug 2 18:03:04 GMT 1997 | CHIP  | Bias                           |
| Sat Aug 2 18:03:50 GMT 1997 | CHIP  | End Bias                       |
| Sat Aug 2 18:04:01 GMT 1997 | CHIP  | Water                          |
| Sat Aug 2 18:04:36 GMT 1997 | CHIP  | End Water                      |
| Sat Aug 2 19:00:59 GMT 1997 | dPMon | Flat                           |
| Sat Aug 2 19:01:53 GMT 1997 | dPMon | End Flat                       |
| Sat Aug 2 19:02:12 GMT 1997 | CHIP  | Bias                           |
| Sat Aug 2 19:03:03 GMT 1997 | CHIP  | End Bias                       |
| Sat Aug 2 19:03:11 GMT 1997 | CHIP  | Water                          |
| Sat Aug 2 19:03:43 GMT 1997 | CHIP  | End Water                      |
| Sat Aug 2 20:01:03 GMT 1997 | dPMon | Flat                           |
| Sat Aug 2 20:01:03 GMT 1997 | CHIP  | Gain                           |
| Sat Aug 2 20:02:00 GMT 1997 | dPMon | End Flat                       |
| Sat Aug 2 20:05:17 GMT 1997 | CHIP  | End Gain                       |
| Sat Aug 2 20:05:26 GMT 1997 | CHIP  | Bias                           |
| Sat Aug 2 20:06:08 GMT 1997 | CHIP  | End Bias                       |
| Sat Aug 2 20:06:17 GMT 1997 | CHIP  | Water                          |
| Sat Aug 2 20:06:45 GMT 1997 | CHIP  | End Water                      |

MKIII COMMENT: Sat Aug 2 20:14:28 GMT 1997

Pausing data collection to check on some limit switches.

COMMENT: Sat Aug 2 20:19:18 GMT 1997

Extended the dome slot.

MKIII COMMENT: Sat Aug 2 20:30:32 GMT 1997

Done checking out limit switches for shutter, ND filter, opal, and ground glass. Have spare for the ND filter and shutter type (Honeywell 11SM1-T Micro type switch), will send to Kim today. No spares found for the large limit switches used for the Opal and Ground Glass, will check the machine shop area down at the Hilo office for one to send Kim. Started taking data again.

Sat Aug 2 21:01:00 GMT 1997 dPMon Flat  
 Sat Aug 2 21:01:03 GMT 1997 CHIP Bias  
 Sat Aug 2 21:01:49 GMT 1997 CHIP End Bias  
 Sat Aug 2 21:01:55 GMT 1997 dPMon End Flat  
 Sat Aug 2 21:01:55 GMT 1997 CHIP Water  
 Sat Aug 2 21:02:30 GMT 1997 CHIP End Water  
 Sat Aug 2 21:22:17 GMT 1997 dPMon End Patrol  
 COMMENT: Sat Aug 2 21:22:43 GMT 1997  
 Stopping early to get some things done at the office.  
 Sat Aug 2 21:23:40 GMT 1997 CHIP CHIP End Patrol  
 Sat Aug 2 21:24:38 GMT 1997 CHIP ending tape  
 COMMENT: Sat Aug 2 21:23:38 GMT 1997  
 Activity report:  
 QP: 46; 60-75; 95; 105-125; 222; 236; 295-310.  
 No coronal activity.

TAPES:  
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MKIII: H01608  
 DPMON: P00959  
 CHIP: C00377  
 LOWL: L00468 in drive #0

SCAN-LOG

SCAN-LOG 16:46:04. 8/2/97 DOY 214

|          |           |          |           |          |
|----------|-----------|----------|-----------|----------|
| 16:51:23 | 16:54:37  | 16:57:53 | 17:01:08  | 17:04:24 |
| 17:07:40 | 17:10:57  | 17:14:13 | 17:17:31  | 17:20:45 |
| 17:24:01 | 17:27:15  | 17:30:30 | 17:33:43  | 17:36:58 |
| 17:40:12 | 17:43:26  | 17:46:39 | 17:49:52  | 17:53:05 |
| 17:56:19 | 1803 0 CL | 18:06:19 | 1818 15CL | 18:24:50 |
| 18:38:12 | 18:41:26  | 18:44:40 | 18:47:52  | 18:51:05 |
| 18:54:16 | 18:57:30  | 19:00:42 | 19:03:55  | 19:07:06 |
| 19:10:18 | 19:13:31  | 19:16:48 | 19:19:59  | 19:23:12 |
| 19:26:22 | 19:29:34  | 19:32:45 | 19:35:59  | 19:39:09 |
| 19:42:21 | 19:45:32  | 19:48:44 | 19:51:55  | 19:55:07 |
| 19:58:18 | 20:01:30  | 20:04:41 | 20:07:54  | 20:11:05 |
| 20:33:03 | 20:36:15  | 20:39:28 | 20:42:40  | 20:45:52 |
| 20:49:06 | 20:52:18  | 20:55:30 | 20:58:43  | 21:01:55 |
| 21:05:08 | 21:08:19  | 21:11:32 | 21:14:44  | 21:17:57 |
| 21:21:08 |           |          |           |          |

0 ERRORS

OK