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Mauna Loa Solar Observatory Observer's Log  
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Mon Jun 15 16:27:15 GMT 1998

Year: 98 Doy: 166

Observer: yasukawa

WEATHER COMMENT: Mon Jun 15 16:28:15 GMT 1998

Cool, clear, no wind.

Mon Jun 15 16:29:33 GMT 1998 CHIP Startup--Initializing new tape

\*\*CHIP PROBLEM\*\*: Mon Jun 15 16:40:08 GMT 1998

YCC monitor did not come up. Resetting YBOX.

\*\*GONG PROBLEM\*\*: Mon Jun 15 16:42:08 GMT 1998

GONG writing to secondary Exabyte bank AGAIN. I will change both sets of tapes again when I go down for the weekly PM.

Mon Jun 15 16:43:38 GMT 1998 MKIII Start Patrol

Mon Jun 15 16:46:08 GMT 1998 PICS Start Patrol

Mon Jun 15 16:46:08 GMT 1998 PICS Start Patrol

Mon Jun 15 16:49:54 GMT 1998 CHIP CHIP Start Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Jun 15 16:56:49 GMT 1998

Possible EPL at PA 107-121, RV 1.2. There is also a cavity visible in a broad streamer over the prominence that may have a moving shock front.

Mon Jun 15 17:00:22 GMT 1998 PICS Flat

Mon Jun 15 17:01:53 GMT 1998 PICS End Flat

Mon Jun 15 17:03:32 GMT 1998 CHIP Bias

Mon Jun 15 17:04:58 GMT 1998 CHIP End Bias

Mon Jun 15 17:05:10 GMT 1998 CHIP Water

Mon Jun 15 17:06:00 GMT 1998 CHIP End Water

\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Jun 15 17:07:14 GMT 1998

Prominence at PA 107-121 is erupting, cavity in streamer is expanding.

MKIII COMMENT: Mon Jun 15 17:15:04 GMT 1998

\*\*\* Recycling H01845, H01846, H01847, and H01848 \*\*\*

\*\*MKIII PROBLEM\*\*: Mon Jun 15 17:33:58 GMT 1998

Rats! I am getting 'wrote 0 records'/stalled in 'Write' errors.

Just one so far. I will rewind tape, load new tape, and reset KCC to recover.

Mon Jun 15 17:38:44 GMT 1998 MKIII Start Patrol

Mon Jun 15 18:01:18 GMT 1998 PICS Flat

Mon Jun 15 18:01:32 GMT 1998 CHIP Bias

Mon Jun 15 18:02:45 GMT 1998 PICS End Flat

Mon Jun 15 18:03:08 GMT 1998 CHIP End Bias

Mon Jun 15 18:03:22 GMT 1998 CHIP Water

Mon Jun 15 18:04:19 GMT 1998 CHIP End Water

\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Jun 15 18:14:33 GMT 1998

EPL at PA 107-121 just about finished, just a small remnant visible on limb.

\*\*\*\* EVENT COMMENT \*\*\*\*: Mon Jun 15 18:23:33 GMT 1998

EPL completely faded from PICS image now.

MKIII COMMENT: Mon Jun 15 18:57:52 GMT 1998

Corona looks stable now, running a cal.

|                              |      |           |
|------------------------------|------|-----------|
| Mon Jun 15 19:01:22 GMT 1998 | PICS | Flat      |
| Mon Jun 15 19:02:36 GMT 1998 | CHIP | Bias      |
| Mon Jun 15 19:02:55 GMT 1998 | PICS | End Flat  |
| Mon Jun 15 19:04:12 GMT 1998 | CHIP | End Bias  |
| Mon Jun 15 19:04:29 GMT 1998 | CHIP | Water     |
| Mon Jun 15 19:05:21 GMT 1998 | CHIP | End Water |

COMMENT: Mon Jun 15 19:19:05 GMT 1998

Stopping to reconfigure dome shutter.

|                              |       |                 |
|------------------------------|-------|-----------------|
| Mon Jun 15 19:20:18 GMT 1998 | PICS  | End Patrol      |
| Mon Jun 15 19:20:35 GMT 1998 | CHIP  | CHIP End Patrol |
| Mon Jun 15 19:24:58 GMT 1998 | MKIII | Start Patrol    |
| Mon Jun 15 19:25:18 GMT 1998 | PICS  | Start Patrol    |
| Mon Jun 15 19:25:18 GMT 1998 | PICS  | Start Patrol    |

COMMENT: Mon Jun 15 19:29:08 GMT 1998

Going down to GONG to do weekly preventive maintenance and to fix Exabyte problem.

|                              |      |           |
|------------------------------|------|-----------|
| Mon Jun 15 20:00:23 GMT 1998 | PICS | Flat      |
| Mon Jun 15 20:01:53 GMT 1998 | PICS | End Flat  |
| Mon Jun 15 20:02:31 GMT 1998 | CHIP | Gain      |
| Mon Jun 15 20:08:59 GMT 1998 | CHIP | End Gain  |
| Mon Jun 15 20:09:12 GMT 1998 | CHIP | Bias      |
| Mon Jun 15 20:10:10 GMT 1998 | CHIP | End Bias  |
| Mon Jun 15 20:10:20 GMT 1998 | CHIP | Water     |
| Mon Jun 15 20:11:01 GMT 1998 | CHIP | End Water |

WEATHER COMMENT: Mon Jun 15 20:41:14 GMT 1998

In scattered orographic clouds.

|                              |      |           |
|------------------------------|------|-----------|
| Mon Jun 15 21:01:28 GMT 1998 | PICS | Flat      |
| Mon Jun 15 21:03:03 GMT 1998 | PICS | End Flat  |
| Mon Jun 15 21:03:29 GMT 1998 | CHIP | Bias      |
| Mon Jun 15 21:04:50 GMT 1998 | CHIP | End Bias  |
| Mon Jun 15 21:05:04 GMT 1998 | CHIP | Water     |
| Mon Jun 15 21:06:01 GMT 1998 | CHIP | End Water |

\*\*MKIII PROBLEM\*\*: Mon Jun 15 21:06:34 GMT 1998

Rats! Again! 'wrote 0 records' and stall in 'Write' errors began occurring while I was down at GONG. Just discovered it now. Stopping and loading new tape. Resetting KCC again.

Mon Jun 15 21:19:48 GMT 1998 MKIII Start Patrol

\*\*PSPT PROBLEM\*\*: Mon Jun 15 21:22:01 GMT 1998

Guider wouldn't acquire sun, maybe it was in a cloud at the time. Had to press 'q' to quit and exit IDL. Tried Restart, but got same error messages, guider again. Quit again and trying Run this time.

\*\*PSPT PROBLEM\*\*: Mon Jun 15 21:39:52 GMT 1998

PSPT couldn't point spar, kept running in the opposite direction. I guess it did not initialize properly. Shutting it down as we are in

too much clouds anyway.

Mon Jun 15 21:41:43 GMT 1998 PICS End Patrol  
Mon Jun 15 21:42:32 GMT 1998 CHIP CHIP End Patrol  
Mon Jun 15 21:52:27 GMT 1998 CHIP ending tape

COMMENT: Mon Jun 15 22:02:05 GMT 1998

Tapes:

MKIII: H01849. H01850, H01851

PICS: P01219

CHIP: C00612

LOWL: L00524

Placed H01849 in nene drive overnight as it has the most interesting'  
stuff on it.

Mon Jun 15 22:13:49 GMT 1998

MkIII

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 16_43.rawmk3 | 17_45.rawmk3 | 18_43.rawmk3 | 19_57.rawmk3 | 20_55.rawmk3  |
| 16_46.rawmk3 | 17_48.rawmk3 | 18_46.rawmk3 | 20_00.rawmk3 | 20_58.rawmk3  |
| 16_49.rawmk3 | 17_51.rawmk3 | 18_49.rawmk3 | 20_03.rawmk3 | 21_01.rawmk3  |
| 16_52.rawmk3 | 17_54.rawmk3 | 18_52.rawmk3 | 20_05.rawmk3 | 21_04.rawmk3  |
| 16_55.rawmk3 | 17_56.rawmk3 | 18_55.rawmk3 | 20_08.rawmk3 | 21_07.rawmk3  |
| 16_58.rawmk3 | 17_59.rawmk3 | 18_58.rawmk3 | 20_11.rawmk3 | 21_19.rawmk3  |
| 17_01.rawmk3 | 18_02.rawmk3 | 19_04.rawmk3 | 20_14.rawmk3 | 21_22.rawmk3  |
| 17_04.rawmk3 | 18_05.rawmk3 | 19_10.rawmk3 | 20_17.rawmk3 | 21_25.rawmk3  |
| 17_07.rawmk3 | 18_08.rawmk3 | 19_16.rawmk3 | 20_20.rawmk3 | 21_28.rawmk3  |
| 17_10.rawmk3 | 18_11.rawmk3 | 19_25.rawmk3 | 20_23.rawmk3 | 21_31.rawmk3  |
| 17_13.rawmk3 | 18_14.rawmk3 | 19_27.rawmk3 | 20_26.rawmk3 | 21_34.rawmk3  |
| 17_16.rawmk3 | 18_17.rawmk3 | 19_30.rawmk3 | 20_29.rawmk3 | 21_37.rawmk3  |
| 17_18.rawmk3 | 18_20.rawmk3 | 19_33.rawmk3 | 20_32.rawmk3 | 21_40.rawmk3  |
| 17_21.rawmk3 | 18_23.rawmk3 | 19_36.rawmk3 | 20_35.rawmk3 | c19_01.rawmk3 |
| 17_24.rawmk3 | 18_26.rawmk3 | 19_39.rawmk3 | 20_38.rawmk3 | c19_07.rawmk3 |
| 17_27.rawmk3 | 18_29.rawmk3 | 19_42.rawmk3 | 20_41.rawmk3 | c19_13.rawmk3 |
| 17_30.rawmk3 | 18_32.rawmk3 | 19_45.rawmk3 | 20_43.rawmk3 |               |
| 17_33.rawmk3 | 18_35.rawmk3 | 19_48.rawmk3 | 20_46.rawmk3 |               |
| 17_39.rawmk3 | 18_37.rawmk3 | 19_51.rawmk3 | 20_49.rawmk3 |               |
| 17_42.rawmk3 | 18_40.rawmk3 | 19_54.rawmk3 | 20_52.rawmk3 |               |