
Mauna Loa Solar Observatory Observer's Log

Mon May 24 16:33:09 GMT 1999

Year: 99 Doy: 144

Observer: yasukawa

WEATHER COMMENT: Mon May 24 16:33:29 GMT 1999

Cool, clear, brisk east wind.

COMMENT: Mon May 24 16:33:47 GMT 1999

Read Helco meters this morning.

Mon May 24 16:38:30 GMT 1999 PICS Start Patrol

Mon May 24 16:38:38 GMT 1999 MKIII Start Patrol

Mon May 24 17:00:33 GMT 1999 PICS Flat

Mon May 24 17:01:49 GMT 1999 PICS End Flat

Mon May 24 18:00:31 GMT 1999 PICS Flat

Mon May 24 18:01:44 GMT 1999 PICS End Flat

GONG COMMENT: Mon May 24 18:35:25 GMT 1999

Going down to GONG to do weekly preventive maintenance.

PSPT PROBLEM: Mon May 24 18:59:29 GMT 1999

Images remaining on screen after the 1800 UT data acquisition run out of focus.

Mon May 24 19:01:42 GMT 1999 PICS End Flat

PSPT PROBLEM: Mon May 24 19:10:35 GMT 1999

Initial images from 1900 UT run in good focus.

PSPT PROBLEM: Mon May 24 19:13:56 GMT 1999

Ca II image out of focus.

PSPT PROBLEM: Mon May 24 19:16:12 GMT 1999

Red image out of focus.

COMMENT: Mon May 24 19:38:18 GMT 1999

Stopping to reconfigure dome shutter.

Mon May 24 19:39:26 GMT 1999 PICS End Patrol

Mon May 24 19:45:55 GMT 1999 MKIII Start Patrol

Mon May 24 19:46:17 GMT 1999 PICS Start Patrol

Mon May 24 20:02:31 GMT 1999 PICS Flat

Mon May 24 20:03:35 GMT 1999 PICS End Flat

Mon May 24 21:02:31 GMT 1999 PICS Flat

Mon May 24 21:03:52 GMT 1999 PICS End Flat

PSPT PROBLEM: Mon May 24 21:09:34 GMT 1999

2000 UT panel images all look defocused. I went up to listen to the mechanisms at Roy's suggestion and did find the focus stage sounding squeaky. I could not hear the active mirror, filter wheel sounded OK. Drive and error meters for the active mirror were oscillating, but only at very small amplitudes. 2100 images were focused well, so listening wasn't conclusive.

Mon May 24 22:02:27 GMT 1999 PICS Flat

Mon May 24 22:03:31 GMT 1999 PICS End Flat

Mon May 24 22:08:16 GMT 1999 PICS End Patrol

PSPT PROBLEM: Mon May 24 22:10:18 GMT 1999

2200 images are focused well. I will check mechanisms again tomorrow morning.

COMMENT: Mon May 24 22:12:32 GMT 1999

Tapes:

MKIV: 99-144

PICS: P01448

CHIP: Down for repair

LOWL: L00601

Mon May 24 22:17:25 GMT 1999

MkIII

| | | | | |
|--------------|--------------|--------------|--------------|---------------|
| 16_38.rawmk3 | 17_46.rawmk3 | 19_06.rawmk3 | 20_19.rawmk3 | 21_27.rawmk3 |
| 16_42.rawmk3 | 17_49.rawmk3 | 19_09.rawmk3 | 20_23.rawmk3 | 21_31.rawmk3 |
| 16_46.rawmk3 | 17_53.rawmk3 | 19_13.rawmk3 | 20_27.rawmk3 | 21_34.rawmk3 |
| 16_49.rawmk3 | 17_57.rawmk3 | 19_17.rawmk3 | 20_31.rawmk3 | 21_38.rawmk3 |
| 16_53.rawmk3 | 18_01.rawmk3 | 19_21.rawmk3 | 20_34.rawmk3 | 21_42.rawmk3 |
| 16_57.rawmk3 | 18_04.rawmk3 | 19_24.rawmk3 | 20_38.rawmk3 | 21_46.rawmk3 |
| 17_01.rawmk3 | 18_12.rawmk3 | 19_28.rawmk3 | 20_42.rawmk3 | 21_49.rawmk3 |
| 17_04.rawmk3 | 18_20.rawmk3 | 19_32.rawmk3 | 20_45.rawmk3 | 21_53.rawmk3 |
| 17_08.rawmk3 | 18_28.rawmk3 | 19_36.rawmk3 | 20_49.rawmk3 | 21_57.rawmk3 |
| 17_12.rawmk3 | 18_32.rawmk3 | 19_46.rawmk3 | 20_53.rawmk3 | 22_01.rawmk3 |
| 17_16.rawmk3 | 18_35.rawmk3 | 19_49.rawmk3 | 20_57.rawmk3 | 22_04.rawmk3 |
| 17_19.rawmk3 | 18_39.rawmk3 | 19_53.rawmk3 | 21_00.rawmk3 | 22_08.rawmk3 |
| 17_23.rawmk3 | 18_43.rawmk3 | 19_57.rawmk3 | 21_04.rawmk3 | 22_12.rawmk3 |
| 17_27.rawmk3 | 18_47.rawmk3 | 20_00.rawmk3 | 21_08.rawmk3 | c18_08.rawmk3 |
| 17_31.rawmk3 | 18_50.rawmk3 | 20_04.rawmk3 | 21_12.rawmk3 | c18_16.rawmk3 |
| 17_34.rawmk3 | 18_54.rawmk3 | 20_08.rawmk3 | 21_16.rawmk3 | c18_24.rawmk3 |
| 17_38.rawmk3 | 18_58.rawmk3 | 20_12.rawmk3 | 21_19.rawmk3 | |
| 17_42.rawmk3 | 19_02.rawmk3 | 20_16.rawmk3 | 21_23.rawmk3 | |