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Mauna Loa Solar Observatory Observer's Log  
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Wed Jun 26 16:42:19 GMT 2002

Year: 02 Doy: 177

Observer: koon

Wed Jun 26 16:46:22 GMT 2002 CHIP Start Patrol

Wed Jun 26 16:46:34 GMT 2002 PICS Start Patrol

Wed Jun 26 16:48:14 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Wed Jun 26 16:42:25 GMT 2002

Clear sky, wind=5 mph from the SE, temp=44 F.

PSPT COMMENT: Wed Jun 26 17:01:23 GMT 2002

Observing.

Wed Jun 26 18:04:15 GMT 2002 PICS Flat

Wed Jun 26 18:07:07 GMT 2002 PICS End Flat

Wed Jun 26 18:16:58 GMT 2002 MKIV End Patrol

Wed Jun 26 18:17:09 GMT 2002 MKIV Start Cal

Wed Jun 26 18:36:41 GMT 2002 MKIV Start Patrol

Wed Jun 26 19:01:52 GMT 2002 CHIP LSD

Wed Jun 26 19:04:07 GMT 2002 CHIP End LSD

Wed Jun 26 19:04:20 GMT 2002 CHIP BiasLSD

Wed Jun 26 19:05:21 GMT 2002 CHIP End BiasLSD

Wed Jun 26 19:05:35 GMT 2002 CHIP Bias

Wed Jun 26 19:06:30 GMT 2002 CHIP End Bias

COMMENT: Wed Jun 26 20:25:29 GMT 2002

Extended the dome slot.

**\*\*ECHO PROBLEM\*\***: Wed Jun 26 20:34:59 GMT 2002

Jonathan noticed that the QWP stayed at 180 yesterday, it looks the same today judging from the screen readout. I restarted echosys and also did a Partial System Shutdown to try to clear the problem but they didn't help. I can't move the QWP position from the menu either, and I tried disabling and re-enabling the QWP from the menu but that didn't make any difference with the 180 displayed on the screen or the lack of the sound of the QWP motor turning - apparently that motor isn't turning at all. We had a previous problem where the QWP was sticking at some positions but the motor was turning and could be heard, this is a different problem. There was a recent software change, I asked them to see if the QWP problem correlates with that - if so maybe we could try the older software.

PSPT COMMENT: Wed Jun 26 21:28:31 GMT 2002

Stopping obs to do some checks for Kim.

Wed Jun 26 22:16:41 GMT 2002 CHIP End Patrol

Wed Jun 26 22:17:19 GMT 2002 PICS End Patrol

Wed Jun 26 22:22:23 GMT 2002 MKIV End Patrol

Wed Jun 26 22:31:32 GMT 2002

MkIV

16\_48.rawmk4 17\_53.rawmk4 19\_09.rawmk4 20\_17.rawmk4 21\_26.rawmk4

16\_51.rawmk4 17\_56.rawmk4 19\_11.rawmk4 20\_20.rawmk4 21\_29.rawmk4

16_54.rawmk4	17_59.rawmk4	19_14.rawmk4	20_23.rawmk4	21_31.rawmk4
16_57.rawmk4	18_01.rawmk4	19_17.rawmk4	20_26.rawmk4	21_34.rawmk4
17_00.rawmk4	18_04.rawmk4	19_20.rawmk4	20_29.rawmk4	21_37.rawmk4
17_03.rawmk4	18_07.rawmk4	19_23.rawmk4	20_32.rawmk4	21_40.rawmk4
17_05.rawmk4	18_10.rawmk4	19_26.rawmk4	20_35.rawmk4	21_43.rawmk4
17_08.rawmk4	18_13.rawmk4	19_29.rawmk4	20_38.rawmk4	21_46.rawmk4
17_11.rawmk4	18_20.rawmk4	19_32.rawmk4	20_41.rawmk4	21_49.rawmk4
17_14.rawmk4	18_26.rawmk4	19_35.rawmk4	20_44.rawmk4	21_52.rawmk4
17_17.rawmk4	18_32.rawmk4	19_38.rawmk4	20_47.rawmk4	21_55.rawmk4
17_20.rawmk4	18_36.rawmk4	19_41.rawmk4	20_50.rawmk4	21_58.rawmk4
17_23.rawmk4	18_39.rawmk4	19_44.rawmk4	20_52.rawmk4	22_01.rawmk4
17_26.rawmk4	18_42.rawmk4	19_47.rawmk4	20_55.rawmk4	22_04.rawmk4
17_29.rawmk4	18_45.rawmk4	19_50.rawmk4	20_58.rawmk4	22_07.rawmk4
17_32.rawmk4	18_48.rawmk4	19_56.rawmk4	21_01.rawmk4	22_10.rawmk4
17_35.rawmk4	18_51.rawmk4	19_59.rawmk4	21_04.rawmk4	22_13.rawmk4
17_38.rawmk4	18_54.rawmk4	20_02.rawmk4	21_10.rawmk4	22_16.rawmk4
17_41.rawmk4	18_57.rawmk4	20_05.rawmk4	21_14.rawmk4	22_19.rawmk4
17_44.rawmk4	19_00.rawmk4	20_08.rawmk4	21_17.rawmk4	c18_17.rawmk4
17_47.rawmk4	19_03.rawmk4	20_11.rawmk4	21_20.rawmk4	c18_23.rawmk4
17_50.rawmk4	19_06.rawmk4	20_14.rawmk4	21_23.rawmk4	c18_29.rawmk4