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Mauna Loa Solar Observatory Observer's Log  
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Fri Dec 19 17:15:13 GMT 2003

Year: 03 Doy: 353

Observer: yasukawa

WEATHER COMMENT: Fri Dec 19 17:16:05 GMT 2003

Cool, clear, light south breeze.

PSPT COMMENT: Fri Dec 19 17:20:50 GMT 2003

Start-up.

Fri Dec 19 17:21:21 GMT 2003 CHIP Start Patrol

Fri Dec 19 17:21:31 GMT 2003 PICS Start Patrol

ECHO COMMENT: Fri Dec 19 17:22:44 GMT 2003

Time OK.

PSPT COMMENT: Fri Dec 19 17:31:46 GMT 2003

Observing.

Fri Dec 19 17:49:27 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Fri Dec 19 17:49:23 GMT 2003

Centered O1.

Fri Dec 19 18:00:47 GMT 2003 CHIP LSD

Fri Dec 19 18:02:32 GMT 2003 CHIP End LSD

Fri Dec 19 18:02:47 GMT 2003 CHIP BiasLSD

Fri Dec 19 18:03:13 GMT 2003 PICS Flat

Fri Dec 19 18:03:45 GMT 2003 CHIP End BiasLSD

Fri Dec 19 18:03:58 GMT 2003 CHIP Bias

Fri Dec 19 18:04:53 GMT 2003 CHIP End Bias

Fri Dec 19 18:05:44 GMT 2003 PICS End Flat

MKIV COMMENT: Fri Dec 19 18:51:20 GMT 2003

Centered O1.

Fri Dec 19 18:54:33 GMT 2003 MKIV End Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 19 19:11:38 GMT 2003

Stood up on the ladder to manually assist the opal in/out process during calibration.

Fri Dec 19 19:14:20 GMT 2003 MKIV End Cal

Fri Dec 19 19:14:31 GMT 2003 MKIV Start Patrol

Fri Dec 19 19:29:49 GMT 2003 CHIP End Patrol

Fri Dec 19 19:31:43 GMT 2003 PICS End Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 19 19:30:02 GMT 2003

I found a spare motor for the opal in/out mechanism labeled "good" in the bottom of the spares cabinet in the MKIII spares mech. box. I thought all of the motors had been located and moved to the same shelf, but not so.

I'll be stopping observations to move spar and attempt a swap.

Fri Dec 19 20:59:47 GMT 2003 CHIP Start Patrol

MKIV COMMENT: Fri Dec 19 20:59:51 GMT 2003

Centering O1.

Fri Dec 19 20:59:59 GMT 2003 PICS Start Patrol

Fri Dec 19 21:00:08 GMT 2003 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 19 21:00:14 GMT 2003

Swapped the spare motor for the faulty opal motor and reassembled the mk4 front end. Tested OK. Dusted O1 and repointed spar to resume observations.

MKIV COMMENT: Fri Dec 19 22:22:35 GMT 2003

Centered O1.

MKIV COMMENT: Fri Dec 19 23:21:29 GMT 2003

Centered O1.

MKIV COMMENT: Sat Dec 20 00:27:10 GMT 2003

Centered O1.

MKIV COMMENT: Sat Dec 20 01:20:15 GMT 2003

Centered O1.

\*\*PSPT PROBLEM\*\* : Sat Dec 20 01:39:13 GMT 2003

The all too familiar "making jpg images" at 0109 UT crash again.

killed/restart.

Sat Dec 20 02:30:08 GMT 2003 CHIP End Patrol

Sat Dec 20 02:31:02 GMT 2003 MKIV End Patrol

Sat Dec 20 02:34:41 GMT 2003 PICS End Patrol

Sat Dec 20 02:35:29 GMT 2003

MkIV

00_00.rawmk4	01_25.rawmk4	18_10.rawmk4	21_14.rawmk4	22_40.rawmk4
00_03.rawmk4	01_28.rawmk4	18_13.rawmk4	21_17.rawmk4	22_43.rawmk4
00_06.rawmk4	01_31.rawmk4	18_16.rawmk4	21_20.rawmk4	22_46.rawmk4
00_09.rawmk4	01_34.rawmk4	18_19.rawmk4	21_23.rawmk4	22_49.rawmk4
00_12.rawmk4	01_37.rawmk4	18_21.rawmk4	21_26.rawmk4	22_52.rawmk4
00_15.rawmk4	01_40.rawmk4	18_24.rawmk4	21_29.rawmk4	22_54.rawmk4
00_18.rawmk4	01_43.rawmk4	18_27.rawmk4	21_32.rawmk4	22_57.rawmk4
00_21.rawmk4	01_46.rawmk4	18_30.rawmk4	21_35.rawmk4	23_00.rawmk4
00_24.rawmk4	01_49.rawmk4	18_33.rawmk4	21_38.rawmk4	23_03.rawmk4
00_27.rawmk4	01_52.rawmk4	18_36.rawmk4	21_41.rawmk4	23_06.rawmk4
00_30.rawmk4	01_55.rawmk4	18_39.rawmk4	21_44.rawmk4	23_09.rawmk4
00_33.rawmk4	01_58.rawmk4	18_42.rawmk4	21_47.rawmk4	23_12.rawmk4
00_35.rawmk4	02_01.rawmk4	18_45.rawmk4	21_50.rawmk4	23_15.rawmk4
00_38.rawmk4	02_04.rawmk4	18_48.rawmk4	21_53.rawmk4	23_18.rawmk4
00_41.rawmk4	02_07.rawmk4	18_51.rawmk4	21_56.rawmk4	23_21.rawmk4
00_44.rawmk4	02_10.rawmk4	18_58.rawmk4	21_58.rawmk4	23_24.rawmk4
00_47.rawmk4	02_13.rawmk4	19_04.rawmk4	22_01.rawmk4	23_27.rawmk4
00_50.rawmk4	02_16.rawmk4	19_10.rawmk4	22_04.rawmk4	23_30.rawmk4
00_53.rawmk4	02_18.rawmk4	19_14.rawmk4	22_07.rawmk4	23_33.rawmk4
00_56.rawmk4	02_21.rawmk4	19_17.rawmk4	22_10.rawmk4	23_36.rawmk4
00_59.rawmk4	02_24.rawmk4	19_20.rawmk4	22_13.rawmk4	23_39.rawmk4
01_02.rawmk4	02_27.rawmk4	19_23.rawmk4	22_16.rawmk4	23_42.rawmk4
01_05.rawmk4	17_49.rawmk4	19_26.rawmk4	22_19.rawmk4	23_45.rawmk4
01_08.rawmk4	17_52.rawmk4	19_29.rawmk4	22_22.rawmk4	23_50.rawmk4
01_11.rawmk4	17_55.rawmk4	21_00.rawmk4	22_25.rawmk4	23_54.rawmk4
01_14.rawmk4	17_58.rawmk4	21_03.rawmk4	22_28.rawmk4	23_57.rawmk4
01_17.rawmk4	18_01.rawmk4	21_06.rawmk4	22_31.rawmk4	c18_54.rawmk4
01_20.rawmk4	18_04.rawmk4	21_09.rawmk4	22_34.rawmk4	c19_01.rawmk4
01_23.rawmk4	18_07.rawmk4	21_11.rawmk4	22_37.rawmk4	c19_07.rawmk4