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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 24 17:27:26 GMT 2003

Year: 03 Doy: 358

Observer: yasukawa

WEATHER COMMENT: Wed Dec 24 17:27:46 GMT 2003

Cool, clear, south wind.

COMMENT: Wed Dec 24 17:27:58 GMT 2003

Read HELCO meters on the way up this morning.

Wed Dec 24 17:33:30 GMT 2003 CHIP Start Patrol

Wed Dec 24 17:33:46 GMT 2003 PICS Start Patrol

ECHO COMMENT: Wed Dec 24 17:35:13 GMT 2003

Time OK.

PSPT COMMENT: Wed Dec 24 17:40:23 GMT 2003

Observing.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Dec 24 17:45:21 GMT 2003

MKIV COMMENT: Wed Dec 24 17:48:28 GMT 2003

MK4 clearing dome cylinder. Centering O1 before starting patrol.

Wed Dec 24 17:49:03 GMT 2003 MKIV Start Patrol

Wed Dec 24 18:00:43 GMT 2003 CHIP LSD

\*\*ECHO PROBLEM\*\*: Wed Dec 24 17:59:46 GMT 2003

No image on display. Restarted echosys but that did not work. Changed

Dec error to use from 0.19 to 0.32 as suggested in a previous email

from Alice but that did not bring image onto display either. HA error

to use is -1.25.

Wed Dec 24 18:02:33 GMT 2003 CHIP End LSD

Wed Dec 24 18:02:49 GMT 2003 CHIP BiasLSD

Wed Dec 24 18:02:54 GMT 2003 PICS Flat

Wed Dec 24 18:03:52 GMT 2003 CHIP End BiasLSD

Wed Dec 24 18:04:06 GMT 2003 CHIP Bias

Wed Dec 24 18:05:06 GMT 2003 CHIP End Bias

\*\*ECHO PROBLEM\*\*: Wed Dec 24 18:02:44 GMT 2003

Sighting over the top of the heliostat head, I can see a gap between the top

and the sun. Guide head may be pointing a few degrees low. Cannot adjust

any continuing slip between the compumotor and the guide head until we

develop a way to remove the broken set screw.

Wed Dec 24 18:05:24 GMT 2003 PICS End Flat

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Dec 24 18:43:14 GMT 2003

disk flare in active region in northwest quadrant from around 1817 UT.

MKIV COMMENT: Wed Dec 24 18:53:58 GMT 2003

Centered O1.

Wed Dec 24 18:55:04 GMT 2003 MKIV Start Cal

\*\*ECHO PROBLEM\*\*: Wed Dec 24 19:07:34 GMT 2003

HA slipped a bit more. Changed the "HA error to use" value from -1.25 to

-2.20 before the image was pulled close enough for the quad cells to

take over pulling the image onto the display and center it.

Wed Dec 24 19:13:48 GMT 2003 MKIV End Cal

Wed Dec 24 19:14:01 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Wed Dec 24 20:12:46 GMT 2003

Centered O1.

MKIV COMMENT: Wed Dec 24 21:08:44 GMT 2003

Centered O1.

\*\*MKIV PROBLEM\*\*: Wed Dec 24 22:19:49 GMT 2003

MK4 being vignettted by dome slot due to position of ADR sensor this time of day and this time of year.

Wed Dec 24 22:44:42 GMT 2003 CHIP End Patrol

Wed Dec 24 22:45:27 GMT 2003 PICS End Patrol

Wed Dec 24 22:46:51 GMT 2003 MKIV End Patrol

COMMENT: Wed Dec 24 22:45:57 GMT 2003

Shutting down early to get to Sears to pick up a broken screw removal tool set. Sears is closing early today and will be closed tomorrow.

Wed Dec 24 22:55:51 GMT 2003

MkIV

17_49.rawmk4	18_48.rawmk4	19_58.rawmk4	20_56.rawmk4	21_59.rawmk4
17_52.rawmk4	18_51.rawmk4	20_01.rawmk4	20_59.rawmk4	22_02.rawmk4
17_55.rawmk4	18_58.rawmk4	20_03.rawmk4	21_02.rawmk4	22_05.rawmk4
17_57.rawmk4	19_04.rawmk4	20_06.rawmk4	21_05.rawmk4	22_08.rawmk4
18_00.rawmk4	19_10.rawmk4	20_09.rawmk4	21_08.rawmk4	22_11.rawmk4
18_03.rawmk4	19_14.rawmk4	20_12.rawmk4	21_11.rawmk4	22_14.rawmk4
18_06.rawmk4	19_16.rawmk4	20_15.rawmk4	21_17.rawmk4	22_17.rawmk4
18_09.rawmk4	19_19.rawmk4	20_18.rawmk4	21_21.rawmk4	22_20.rawmk4
18_12.rawmk4	19_22.rawmk4	20_21.rawmk4	21_24.rawmk4	22_22.rawmk4
18_15.rawmk4	19_25.rawmk4	20_24.rawmk4	21_27.rawmk4	22_25.rawmk4
18_18.rawmk4	19_28.rawmk4	20_27.rawmk4	21_30.rawmk4	22_28.rawmk4
18_21.rawmk4	19_31.rawmk4	20_30.rawmk4	21_33.rawmk4	22_31.rawmk4
18_24.rawmk4	19_34.rawmk4	20_33.rawmk4	21_35.rawmk4	22_34.rawmk4
18_27.rawmk4	19_37.rawmk4	20_36.rawmk4	21_38.rawmk4	22_37.rawmk4
18_30.rawmk4	19_40.rawmk4	20_39.rawmk4	21_41.rawmk4	22_40.rawmk4
18_33.rawmk4	19_43.rawmk4	20_42.rawmk4	21_44.rawmk4	22_43.rawmk4
18_36.rawmk4	19_46.rawmk4	20_45.rawmk4	21_47.rawmk4	c18_55.rawmk4
18_39.rawmk4	19_49.rawmk4	20_48.rawmk4	21_50.rawmk4	c19_01.rawmk4
18_42.rawmk4	19_52.rawmk4	20_51.rawmk4	21_53.rawmk4	c19_07.rawmk4
18_45.rawmk4	19_55.rawmk4	20_53.rawmk4	21_56.rawmk4	