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Mauna Loa Solar Observatory Observer's Log  
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Fri Dec 1 17:09:21 GMT 2000

Year: 00 Doy: 336

Observer: yasukawa

WEATHER COMMENT: Fri Dec 1 17:09:42 GMT 2000

Cool, clear, light southwest breeze.

\*\*PICS PROBLEM\*\*: Fri Dec 1 17:20:27 GMT 2000

PICS and CHIP temperatures are all low this morning. Starting up instruments anyway.

Fri Dec 1 17:22:43 GMT 2000 CHIP Start 7 Passband Patrol

Fri Dec 1 17:23:09 GMT 2000 MKIV Start Patrol

Fri Dec 1 17:23:19 GMT 2000 PICS Start Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 1 17:42:47 GMT 2000

looks like we are getting a little bit of spill off the occulter around the south. May need to adjust the guiders again.

\*\*CHIP PROBLEM\*\*: Fri Dec 1 17:45:13 GMT 2000

CHIP image is off temperature.

Fri Dec 1 18:02:27 GMT 2000 PICS Flat

\*\*MLSO PROBLEM\*\*: Fri Dec 1 18:04:29 GMT 2000

Attempting to align the spar guider to get rid of spill. Pushed on spar while attaching connectors to O1 guider mechanisms. Repointed spar.

\*\*MKIV PROBLEM\*\*: Fri Dec 1 18:14:49 GMT 2000

Adjusted O1 guiders to mid-range. Streaking around south is gone.

Fri Dec 1 18:17:51 GMT 2000 PICS End Patrol

Fri Dec 1 18:20:26 GMT 2000 PICS Start Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Fri Dec 1 18:36:11 GMT 2000

CME at PA 290-310.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Dec 1 19:47:31 GMT 2000

Fri Dec 1 20:01:23 GMT 2000 CHIP LSD

Fri Dec 1 20:04:10 GMT 2000 CHIP End LSD

Fri Dec 1 20:04:24 GMT 2000 CHIP BiasLSD

Fri Dec 1 20:05:14 GMT 2000 CHIP End BiasLSD

Fri Dec 1 20:05:30 GMT 2000 CHIP Bias7

Fri Dec 1 20:06:24 GMT 2000 CHIP End Bias7

\*\*MKIV PROBLEM\*\*: Fri Dec 1 21:03:37 GMT 2000

Looks like the tweek we did on the guider is now causing spill on the north, may be due to the size of the solar image this time of year.

The adjustment we did this morning was really small.

Fri Dec 1 21:25:00 GMT 2000 PICS End Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 1 21:25:16 GMT 2000

Adjusting spar guider. Images will be funny for a bit.

Fri Dec 1 21:34:16 GMT 2000 PICS Start Patrol

\*\*MKIV PROBLEM\*\*: Fri Dec 1 21:34:17 GMT 2000

Got rid of the spill in the north. We may need to look at the guiding again in the morning and if we see spill in the south again, it may be the time-of-year thing where the solar image is too large of the

occulter and we will encounter spill either in the morning or in the afternoon. In that case, we should adjust the guiser to avoid spill in the morning, during our best sky.

Fri Dec 1 22:12:32 GMT 2000 CHIP End Patrol

Fri Dec 1 22:12:46 GMT 2000 PICS End Patrol

\*\*MKIV PROBLEM\*\* Fri Dec 1 22:12:47 GMT 2000

Starting to get noise around the north again. Image still spilling around occulter, needed to have tweaked it a bit more. We'll leave it and see what it looks like in the morning.

Fri Dec 1 22:24:17 GMT 2000

MkIV

17_23.rawmk4	18_25.rawmk4	19_31.rawmk4	20_30.rawmk4	21_30.rawmk4
17_26.rawmk4	18_31.rawmk4	19_34.rawmk4	20_33.rawmk4	21_33.rawmk4
17_29.rawmk4	18_38.rawmk4	19_37.rawmk4	20_36.rawmk4	21_36.rawmk4
17_32.rawmk4	18_41.rawmk4	19_40.rawmk4	20_39.rawmk4	21_39.rawmk4
17_35.rawmk4	18_44.rawmk4	19_43.rawmk4	20_42.rawmk4	21_42.rawmk4
17_38.rawmk4	18_47.rawmk4	19_46.rawmk4	20_45.rawmk4	21_45.rawmk4
17_41.rawmk4	18_50.rawmk4	19_49.rawmk4	20_48.rawmk4	21_48.rawmk4
17_44.rawmk4	18_53.rawmk4	19_52.rawmk4	20_51.rawmk4	21_51.rawmk4
17_47.rawmk4	18_56.rawmk4	19_55.rawmk4	20_54.rawmk4	21_54.rawmk4
17_50.rawmk4	18_59.rawmk4	19_58.rawmk4	20_57.rawmk4	21_57.rawmk4
17_53.rawmk4	19_02.rawmk4	20_01.rawmk4	21_00.rawmk4	22_00.rawmk4
17_55.rawmk4	19_04.rawmk4	20_04.rawmk4	21_03.rawmk4	22_03.rawmk4
17_58.rawmk4	19_07.rawmk4	20_07.rawmk4	21_06.rawmk4	22_06.rawmk4
18_01.rawmk4	19_10.rawmk4	20_10.rawmk4	21_09.rawmk4	22_08.rawmk4
18_04.rawmk4	19_13.rawmk4	20_13.rawmk4	21_12.rawmk4	22_11.rawmk4
18_07.rawmk4	19_16.rawmk4	20_16.rawmk4	21_15.rawmk4	c18_22.rawmk4
18_10.rawmk4	19_19.rawmk4	20_18.rawmk4	21_18.rawmk4	c18_28.rawmk4
18_13.rawmk4	19_22.rawmk4	20_21.rawmk4	21_21.rawmk4	c18_35.rawmk4
18_16.rawmk4	19_25.rawmk4	20_24.rawmk4	21_24.rawmk4	
18_19.rawmk4	19_28.rawmk4	20_27.rawmk4	21_27.rawmk4	