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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 12 16:12:16 GMT 2002

Year: 02 Doy: 193

Observer: yasukawa

WEATHER COMMENT: Fri Jul 12 16:12:28 GMT 2002

Cool, clear, southeast wind. Scattered altocumulus here and there.

Fri Jul 12 16:22:37 GMT 2002 CHIP Start Patrol

Fri Jul 12 16:22:42 GMT 2002 PICS Start Patrol

Fri Jul 12 16:28:14 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Fri Jul 12 16:47:08 GMT 2002

Observations started.

\*\*PSPT PROBLEM\*\*: Fri Jul 12 17:09:19 GMT 2002

Just discovered PSPT wasn't pointed correctly at sun, about 1/2 way high.

Aborted observations and started Centering Image routine.

\*\*PSPT PROBLEM\*\*: Fri Jul 12 17:16:20 GMT 2002

Center routine did not point the spar close to sun after several iterations so I manually pointed spar. The spar then took off in the same direction as the correction, about the same amount as my correction. I manually moved it back in the opposite direction to correct the overshoot. Centering routine finished up pointed correctly. Restarted observations.

\*\*MKIV PROBLEM\*\*: Fri Jul 12 17:46:01 GMT 2002

Started camcorder mounted on spar recording O1 guider cam movements. Checked time--within 5 seconds of nahenahe time.

Fri Jul 12 18:02:51 GMT 2002 PICS Flat

Fri Jul 12 18:05:55 GMT 2002 PICS End Flat

Fri Jul 12 18:09:29 GMT 2002 MKIV End Patrol

\*\*MKIV PROBLEM\*\*: Fri Jul 12 18:09:12 GMT 2002

Turned off O1 guider for calibrations.

Fri Jul 12 18:09:40 GMT 2002 MKIV Start Cal

Fri Jul 12 18:28:24 GMT 2002 MKIV End Cal

Fri Jul 12 18:28:34 GMT 2002 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Fri Jul 12 18:28:15 GMT 2002

Turned O1 guider back on, calibration pau.

Fri Jul 12 19:01:42 GMT 2002 CHIP LSD

Fri Jul 12 19:04:08 GMT 2002 CHIP End LSD

Fri Jul 12 19:04:24 GMT 2002 CHIP BiasLSD

Fri Jul 12 19:05:22 GMT 2002 CHIP End BiasLSD

Fri Jul 12 19:05:36 GMT 2002 CHIP Bias

Fri Jul 12 19:06:36 GMT 2002 CHIP End Bias

Fri Jul 12 19:46:54 GMT 2002 CHIP End Patrol

COMMENT: Fri Jul 12 19:47:07 GMT 2002

Stopping to reconfigure dome shutter.

Fri Jul 12 19:47:09 GMT 2002 PICS End Patrol

Fri Jul 12 19:51:30 GMT 2002 MKIV End Patrol

\*\*MKIV PROBLEM\*\*: Fri Jul 12 19:57:43 GMT 2002

Removed completed video tape during dome reconfiguration. Tape will be

mailed to David.

Fri Jul 12 19:58:37 GMT 2002 MKIV Start Patrol  
Fri Jul 12 19:58:42 GMT 2002 CHIP Start Patrol  
Fri Jul 12 19:58:47 GMT 2002 PICS Start Patrol

WEATHER COMMENT: Fri Jul 12 22:00:16 GMT 2002

Orographic clouds overhead.

PSPT COMMENT: Fri Jul 12 22:00:35 GMT 2002

Stopped PSPT.

Fri Jul 12 22:02:41 GMT 2002 CHIP End Patrol  
Fri Jul 12 22:03:51 GMT 2002 PICS End Patrol  
Fri Jul 12 22:08:26 GMT 2002 MKIV End Patrol

\*\*PSPT PROBLEM\*\*: Fri Jul 12 22:12:24 GMT 2002

PSPT shutdown routine stalled after parking guider. Killed RunPspt.pro,  
Restarted Pspt, Shutdown again. Pspt zipped thru the shutdown routine  
steps that were already done and finished up by parking the dome and  
filter.

Fri Jul 12 22:14:48 GMT 2002

MkIV

16_28.rawmk4	17_39.rawmk4	18_58.rawmk4	20_13.rawmk4	21_21.rawmk4
16_31.rawmk4	17_42.rawmk4	19_00.rawmk4	20_16.rawmk4	21_23.rawmk4
16_37.rawmk4	17_45.rawmk4	19_03.rawmk4	20_19.rawmk4	21_26.rawmk4
16_40.rawmk4	17_48.rawmk4	19_06.rawmk4	20_22.rawmk4	21_29.rawmk4
16_43.rawmk4	17_51.rawmk4	19_09.rawmk4	20_25.rawmk4	21_32.rawmk4
16_46.rawmk4	17_54.rawmk4	19_12.rawmk4	20_28.rawmk4	21_35.rawmk4
16_49.rawmk4	17_57.rawmk4	19_15.rawmk4	20_30.rawmk4	21_38.rawmk4
16_52.rawmk4	18_00.rawmk4	19_18.rawmk4	20_33.rawmk4	21_41.rawmk4
16_55.rawmk4	18_03.rawmk4	19_21.rawmk4	20_36.rawmk4	21_44.rawmk4
16_58.rawmk4	18_06.rawmk4	19_24.rawmk4	20_39.rawmk4	21_47.rawmk4
17_01.rawmk4	18_12.rawmk4	19_27.rawmk4	20_42.rawmk4	21_50.rawmk4
17_04.rawmk4	18_18.rawmk4	19_30.rawmk4	20_45.rawmk4	21_53.rawmk4
17_07.rawmk4	18_25.rawmk4	19_33.rawmk4	20_48.rawmk4	21_56.rawmk4
17_10.rawmk4	18_28.rawmk4	19_36.rawmk4	20_51.rawmk4	21_59.rawmk4
17_13.rawmk4	18_31.rawmk4	19_39.rawmk4	20_54.rawmk4	22_02.rawmk4
17_16.rawmk4	18_34.rawmk4	19_42.rawmk4	20_57.rawmk4	22_05.rawmk4
17_19.rawmk4	18_37.rawmk4	19_45.rawmk4	21_00.rawmk4	c18_09.rawmk4
17_22.rawmk4	18_40.rawmk4	19_48.rawmk4	21_03.rawmk4	c18_15.rawmk4
17_25.rawmk4	18_43.rawmk4	19_58.rawmk4	21_06.rawmk4	c18_21.rawmk4
17_28.rawmk4	18_46.rawmk4	20_01.rawmk4	21_09.rawmk4	
17_31.rawmk4	18_49.rawmk4	20_04.rawmk4	21_12.rawmk4	
17_33.rawmk4	18_52.rawmk4	20_07.rawmk4	21_15.rawmk4	
17_36.rawmk4	18_55.rawmk4	20_10.rawmk4	21_18.rawmk4	