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Mauna Loa Solar Observatory Observer's Log  
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Wed Aug 18 16:31:58 GMT 2004

Year: 04 Doy: 231

Observer: yasukawa

WEATHER COMMENT: Wed Aug 18 16:32:34 GMT 2004

Clear, temp 42F, S wind 12 mph.

Wed Aug 18 16:38:47 GMT 2004 CHIP Start Patrol

Wed Aug 18 16:39:00 GMT 2004 PICS Start Patrol

ECHO COMMENT: Wed Aug 18 16:40:16 GMT 2004

Time OK

PSPT COMMENT: Wed Aug 18 16:40:24 GMT 2004

Starting up.

PSPT COMMENT: Wed Aug 18 16:48:12 GMT 2004

Observing.

MKIV COMMENT: Wed Aug 18 16:56:56 GMT 2004

mk4 clearing dome cylinder, centering O1.

Wed Aug 18 16:57:25 GMT 2004 MKIV Start Patrol

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Aug 18 17:03:26 GMT 2004

EPL at PA 240-250 since startup this morning.

WEATHER COMMENT: Wed Aug 18 17:17:09 GMT 2004

In very thin cirrostratus.

\*\*PSPT PROBLEM\*\*: Wed Aug 18 17:27:03 GMT 2004

Crashed at 1715 UT, (1/3) Taking CaK image. Killed and restarted.

WEATHER COMMENT: Wed Aug 18 17:38:42 GMT 2004

In cirrus patch.

\*\*PSPT PROBLEM\*\*: Wed Aug 18 17:41:04 GMT 2004

Crashed again at 1730 UT, Taking BLUE dark image. There was a funny message on the PC, both crash events, relating to Serial Port, with funny characters possibly indicating an overflow or underflow.

Killed and restarted.

\*\*PSPT PROBLEM\*\*: Wed Aug 18 17:48:42 GMT 2004

Funny message did NOT occur twice. PC is not running. Resetting PC and trying again.

\*\*\*\* EVENT COMMENT \*\*\*\*: Wed Aug 18 17:59:20 GMT 2004

CME at PA 220-260 from 1744 UT or during cloudy period.

Wed Aug 18 18:01:26 GMT 2004 PICS Flat

Wed Aug 18 18:02:51 GMT 2004 CHIP LSD

Wed Aug 18 18:03:54 GMT 2004 PICS End Flat

Wed Aug 18 18:04:01 GMT 2004 PICS ReStart Patrol

Wed Aug 18 18:04:42 GMT 2004 CHIP End LSD

Wed Aug 18 18:04:51 GMT 2004 CHIP BiasLSD

Wed Aug 18 18:05:46 GMT 2004 CHIP End BiasLSD

Wed Aug 18 18:05:55 GMT 2004 CHIP Bias

Wed Aug 18 18:06:48 GMT 2004 CHIP End Bias

Wed Aug 18 18:06:55 GMT 2004 CHIP ReStart Patrol

\*\*PSPT PROBLEM\*\*: Wed Aug 18 18:00:22 GMT 2004

PSPT was still stalling. Dec motor drive was stalling. Dec was really tight. I loosened and retightened Dec bolt, initialized dome and spar manually to re-Startup. Re-initialized PC and ran Startup. Startup went thru its routine OK except that the dome motor kept jumping the track and dome did not end up in the correct position. Moved it manually and did a dome cal / dome ephm. Restarted observations.

\*\*PSPT PROBLEM\*\* : Wed Aug 18 18:31:14 GMT 2004

Spar is pointing at around 2100 UT height. Aborted. Will attempt more stuff to try to overcome the ephemeris problems that have been plaguing the PSPT this morning.

\*\*PSPT PROBLEM\*\* : Wed Aug 18 18:39:44 GMT 2004

Shutdown. Spar parked to west of nominal position, approx. 20 degrees away, dome parked about the same azimuth, to the west.

Checked out dome azimuth drive. Drive runs smoothly in both directions when done manually. I don't know why it skips when running under the ephemeris program. Pointed spar and dome to nominal park positions. Initialized system on PC. Re-Starting up again.

\*\*PSPT PROBLEM\*\* : Wed Aug 18 19:00:42 GMT 2004

After startup finished, dome was too far east. Moved dome with dome goto command and did a dome cal and dome ephm. Restarted observations.

MKIV COMMENT: Wed Aug 18 19:19:24 GMT 2004

Centered Ol.

Wed Aug 18 19:19:42 GMT 2004 MKIV End Patrol

Wed Aug 18 19:19:48 GMT 2004 MKIV Start Cal

Wed Aug 18 19:38:35 GMT 2004 MKIV End Cal

Wed Aug 18 19:38:46 GMT 2004 MKIV Start Patrol

Wed Aug 18 19:47:51 GMT 2004 CHIP End Patrol

Wed Aug 18 19:47:57 GMT 2004 PICS End Patrol

COMMENT: Wed Aug 18 19:50:20 GMT 2004

Stopping to reconfigure dome shutter.

MKIV COMMENT: Wed Aug 18 19:56:02 GMT 2004

Centered Ol.

Wed Aug 18 19:56:44 GMT 2004 CHIP Start Patrol

Wed Aug 18 19:56:55 GMT 2004 PICS Start Patrol

Wed Aug 18 19:57:20 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Wed Aug 18 20:42:29 GMT 2004

In scattered orographic clouds.

Wed Aug 18 20:57:23 GMT 2004 CHIP End Patrol

WEATHER COMMENT: Wed Aug 18 20:57:48 GMT 2004

Heavy orographic clouds built up rapidly. Idling instruments and closing domes as a precaution.

Wed Aug 18 20:58:36 GMT 2004 PICS End Patrol

Wed Aug 18 21:03:00 GMT 2004 MKIV End Patrol

PSPT COMMENT: Wed Aug 18 21:07:07 GMT 2004

Shutdown PSPT to check for problems and the shutdown went smoothly. PSPT and the dome parked in the nominal shutdown positions. Dome rotation went smoothly.

Wed Aug 18 22:30:44 GMT 2004

MkIV

16_57.rawmk4	17_44.rawmk4	18_35.rawmk4	19_29.rawmk4	20_26.rawmk4
17_00.rawmk4	17_47.rawmk4	18_38.rawmk4	19_35.rawmk4	20_29.rawmk4
17_03.rawmk4	17_50.rawmk4	18_41.rawmk4	19_38.rawmk4	20_32.rawmk4
17_06.rawmk4	17_53.rawmk4	18_44.rawmk4	19_41.rawmk4	20_35.rawmk4
17_09.rawmk4	17_56.rawmk4	18_47.rawmk4	19_44.rawmk4	20_38.rawmk4
17_12.rawmk4	17_59.rawmk4	18_50.rawmk4	19_47.rawmk4	20_41.rawmk4
17_15.rawmk4	18_02.rawmk4	18_53.rawmk4	19_57.rawmk4	20_44.rawmk4
17_18.rawmk4	18_08.rawmk4	18_55.rawmk4	20_00.rawmk4	20_47.rawmk4
17_21.rawmk4	18_11.rawmk4	18_58.rawmk4	20_03.rawmk4	20_53.rawmk4
17_23.rawmk4	18_14.rawmk4	19_01.rawmk4	20_06.rawmk4	20_56.rawmk4
17_26.rawmk4	18_17.rawmk4	19_04.rawmk4	20_09.rawmk4	20_59.rawmk4
17_29.rawmk4	18_20.rawmk4	19_07.rawmk4	20_12.rawmk4	c19_19.rawmk4
17_32.rawmk4	18_23.rawmk4	19_10.rawmk4	20_14.rawmk4	c19_25.rawmk4
17_35.rawmk4	18_26.rawmk4	19_13.rawmk4	20_17.rawmk4	c19_32.rawmk4
17_38.rawmk4	18_29.rawmk4	19_16.rawmk4	20_20.rawmk4	
17_41.rawmk4	18_32.rawmk4	19_22.rawmk4	20_23.rawmk4	