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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 20 16:15:54 GMT 2001

Year: 01 Doy: 201

Observer: yasukawa

WEATHER COMMENT: Fri Jul 20 16:16:36 GMT 2001

Cool, clear, 30 mph southeast wind.

Fri Jul 20 16:25:57 GMT 2001 CHIP Start Patrol

Fri Jul 20 16:26:10 GMT 2001 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Jul 20 16:29:28 GMT 2001

Fri Jul 20 16:34:53 GMT 2001 MKIV Start Patrol

\*\*PSPT PROBLEM\*\*: Fri Jul 20 16:57:16 GMT 2001

I selected "daily obs" at 16:50, wait until time message indicated that the current time was 16:50, but the wait until time said 17:00. I aborted and re-selected daily obs. The wait until time corrected itself to 17:00.

Fri Jul 20 17:00:57 GMT 2001 CHIP LSD

Fri Jul 20 17:03:10 GMT 2001 CHIP End LSD

Fri Jul 20 17:03:21 GMT 2001 CHIP BiasLSD

Fri Jul 20 17:04:04 GMT 2001 CHIP End BiasLSD

Fri Jul 20 17:04:13 GMT 2001 CHIP Bias

Fri Jul 20 17:04:59 GMT 2001 CHIP End Bias

\*\*PSPT PROBLEM\*\*: Fri Jul 20 17:09:03 GMT 2001

PSPT did not point to sun at initialization (Start-up). Spar was pointing several degrees east. Guiding did not correct itself as is progressed into program. Aborted, manually pointed spar, ran guider ephmcal routine. Restarted.

\*\*PSPT PROBLEM\*\*: Fri Jul 20 17:26:23 GMT 2001

Start-up stalled homing guider. Had to kill run.pro to restart.

\*\*PSPT PROBLEM\*\*: Fri Jul 20 17:33:17 GMT 2001

Restart pointed guider close, but not close enough for quad cells to acquire. I jogged spar manually and program started up. First data series not centered. Hopefully the next series will center sun on ccd.

\*\*PSPT PROBLEM\*\*: Fri Jul 20 17:40:04 GMT 2001

Aborted daily obs and restarted it. This time the guider locked on the sun. Messing with the guiding often is getting old fast!! We need to resolve the ephemeris deficiencies or redesign this beast to point and guide without computer control like MK4!!

Fri Jul 20 18:01:10 GMT 2001 CHIP LSD

Fri Jul 20 18:01:34 GMT 2001 PICS Flat

Fri Jul 20 18:03:36 GMT 2001 CHIP End LSD

Fri Jul 20 18:03:51 GMT 2001 CHIP BiasLSD

Fri Jul 20 18:04:39 GMT 2001 PICS End Flat

Fri Jul 20 18:04:40 GMT 2001 CHIP End BiasLSD

Fri Jul 20 18:04:58 GMT 2001 CHIP Bias

Fri Jul 20 18:05:48 GMT 2001 CHIP End Bias

Fri Jul 20 18:09:34 GMT 2001 MKIV End Patrol  
 Fri Jul 20 18:09:46 GMT 2001 MKIV Start Cal  
 Fri Jul 20 18:28:35 GMT 2001 MKIV End Cal  
 Fri Jul 20 18:28:46 GMT 2001 MKIV Start Patrol  
 Fri Jul 20 19:00:58 GMT 2001 CHIP LSD  
 Fri Jul 20 19:03:16 GMT 2001 CHIP End LSD  
 Fri Jul 20 19:03:25 GMT 2001 CHIP BiasLSD  
 Fri Jul 20 19:04:08 GMT 2001 CHIP End BiasLSD  
 Fri Jul 20 19:04:20 GMT 2001 CHIP Bias  
 Fri Jul 20 19:05:12 GMT 2001 CHIP End Bias  
 COMMENT: Fri Jul 20 19:16:10 GMT 2001  
 Reconfigured dome shutter.  
 Fri Jul 20 20:01:02 GMT 2001 CHIP LSD  
 Fri Jul 20 20:03:23 GMT 2001 CHIP End LSD  
 Fri Jul 20 20:03:31 GMT 2001 CHIP BiasLSD  
 Fri Jul 20 20:04:15 GMT 2001 CHIP End BiasLSD  
 Fri Jul 20 20:04:34 GMT 2001 CHIP Bias  
 Fri Jul 20 20:05:28 GMT 2001 CHIP End Bias  
 Fri Jul 20 21:01:07 GMT 2001 CHIP LSD  
 Fri Jul 20 21:03:26 GMT 2001 CHIP End LSD  
 Fri Jul 20 21:03:40 GMT 2001 CHIP BiasLSD  
 Fri Jul 20 21:04:28 GMT 2001 CHIP End BiasLSD  
 Fri Jul 20 21:04:42 GMT 2001 CHIP Bias  
 Fri Jul 20 21:05:28 GMT 2001 CHIP End Bias  
 Fri Jul 20 22:01:03 GMT 2001 CHIP LSD  
 Fri Jul 20 22:02:43 GMT 2001 MKIV End Patrol  
 Fri Jul 20 22:03:19 GMT 2001 CHIP End LSD  
 Fri Jul 20 22:03:38 GMT 2001 CHIP BiasLSD  
 Fri Jul 20 22:04:27 GMT 2001 CHIP End BiasLSD  
 Fri Jul 20 22:04:39 GMT 2001 CHIP Bias  
 Fri Jul 20 22:05:23 GMT 2001 CHIP End Bias  
 Fri Jul 20 22:05:48 GMT 2001 PICS End Patrol  
 Fri Jul 20 22:07:26 GMT 2001 CHIP End Patrol  
 Fri Jul 20 22:09:06 GMT 2001

MkIV

16_34.rawmk4	17_39.rawmk4	18_55.rawmk4	20_03.rawmk4	21_08.rawmk4
16_37.rawmk4	17_42.rawmk4	18_58.rawmk4	20_06.rawmk4	21_11.rawmk4
16_40.rawmk4	17_45.rawmk4	19_01.rawmk4	20_09.rawmk4	21_14.rawmk4
16_43.rawmk4	17_48.rawmk4	19_04.rawmk4	20_12.rawmk4	21_17.rawmk4
16_46.rawmk4	17_51.rawmk4	19_07.rawmk4	20_15.rawmk4	21_23.rawmk4
16_49.rawmk4	17_54.rawmk4	19_10.rawmk4	20_18.rawmk4	21_27.rawmk4
16_52.rawmk4	17_57.rawmk4	19_12.rawmk4	20_21.rawmk4	21_30.rawmk4
16_55.rawmk4	18_00.rawmk4	19_15.rawmk4	20_24.rawmk4	21_33.rawmk4
16_58.rawmk4	18_03.rawmk4	19_18.rawmk4	20_27.rawmk4	21_36.rawmk4
17_01.rawmk4	18_06.rawmk4	19_21.rawmk4	20_30.rawmk4	21_38.rawmk4
17_04.rawmk4	18_12.rawmk4	19_24.rawmk4	20_33.rawmk4	21_41.rawmk4
17_07.rawmk4	18_19.rawmk4	19_27.rawmk4	20_36.rawmk4	21_44.rawmk4

17_10.rawmk4	18_25.rawmk4	19_30.rawmk4	20_39.rawmk4	21_47.rawmk4
17_13.rawmk4	18_28.rawmk4	19_33.rawmk4	20_42.rawmk4	21_50.rawmk4
17_16.rawmk4	18_31.rawmk4	19_36.rawmk4	20_45.rawmk4	21_53.rawmk4
17_19.rawmk4	18_34.rawmk4	19_39.rawmk4	20_47.rawmk4	21_56.rawmk4
17_22.rawmk4	18_37.rawmk4	19_42.rawmk4	20_50.rawmk4	21_59.rawmk4
17_25.rawmk4	18_40.rawmk4	19_48.rawmk4	20_53.rawmk4	c18_09.rawmk4
17_28.rawmk4	18_43.rawmk4	19_52.rawmk4	20_56.rawmk4	c18_15.rawmk4
17_31.rawmk4	18_46.rawmk4	19_55.rawmk4	20_59.rawmk4	c18_22.rawmk4
17_33.rawmk4	18_49.rawmk4	19_57.rawmk4	21_02.rawmk4	
17_36.rawmk4	18_52.rawmk4	20_00.rawmk4	21_05.rawmk4	