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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
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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
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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
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17_36.rawmk4   18_55.rawmk4   20_10.rawmk4   21_18.rawmk4