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--------------------------------------------------------------------------------
                Mauna Loa Solar Observatory Observer's Log
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            Sat Jun 28 16:19:25 GMT 2003
Year: 03  Doy: 179
Observer: stueben
Sat Jun 28 16:28:17 GMT 2003     CHIP      Start Patrol
Sat Jun 28 16:28:30 GMT 2003     PICS      Start Patrol
WEATHER COMMENT: Sat Jun 28 16:32:28 GMT 2003
Clear, wind calm, temp 48F.
MKIV COMMENT: Sat Jun 28 16:44:25 GMT 2003
Centered 01 guider.
Sat Jun 28 16:44:45 GMT 2003     MKIV     Start Patrol
Sat Jun 28 17:26:29 GMT 2003     MKIV     End Patrol
Sat Jun 28 17:46:15 GMT 2003     MKIV     End Cal
Sat Jun 28 17:46:26 GMT 2003     MKIV     Start Patrol
Sat Jun 28 18:01:49 GMT 2003     CHIP      LSD
Sat Jun 28 18:03:52 GMT 2003     CHIP      End LSD
Sat Jun 28 18:04:04 GMT 2003     CHIP      BiasLSD
Sat Jun 28 18:04:33 GMT 2003     PICS      Flat
Sat Jun 28 18:05:01 GMT 2003     CHIP      End BiasLSD
Sat Jun 28 18:05:15 GMT 2003     CHIP      Bias
Sat Jun 28 18:06:16 GMT 2003     CHIP      End Bias
Sat Jun 28 18:07:04 GMT 2003     PICS      End Flat
MKIV COMMENT: Sat Jun 28 18:41:18 GMT 2003
Centered 01 guider.
**PSPT PROBLEM**: Sat Jun 28 18:41:42 GMT 2003
Did not find sun at startup, pointed manually. Crashed about 18:30 at (3/3)
Taking Red image. Killed and restarted.
Sat Jun 28 19:24:47 GMT 2003     CHIP      End Patrol
Sat Jun 28 19:27:46 GMT 2003     CHIP      Start Patrol
**CHIP PROBLEM**: Sat Jun 28 19:29:51 GMT 2003
Image centering was low, adjusted manually with mike controller.
Sat Jun 28 19:32:22 GMT 2003     CHIP      End Patrol
Sat Jun 28 19:34:22 GMT 2003     MKIV     End Patrol
Sat Jun 28 19:35:45 GMT 2003     PICS      End Patrol
MKIV COMMENT: Sat Jun 28 19:42:44 GMT 2003
Centered 01 guider.
Sat Jun 28 19:43:14 GMT 2003     CHIP      Start Patrol
Sat Jun 28 19:43:27 GMT 2003     PICS      Start Patrol
COMMENT: Sat Jun 28 19:43:40 GMT 2003
Paused to reconfigure dome slot.
Sat Jun 28 19:45:32 GMT 2003     MKIV     Start Patrol
MKIV COMMENT: Sat Jun 28 21:40:34 GMT 2003
Centered 01 guider.
Sat Jun 28 22:29:42 GMT 2003     PICS      End Patrol
Sat Jun 28 22:29:53 GMT 2003     CHIP      End Patrol
Sat Jun 28 22:30:37 GMT 2003     MKIV     End Patrol
```

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Sat Jun 28 22:36:27 GMT 2003
        MkIV

16_44.rawmk4    18_01.rawmk4    19_13.rawmk4    20_29.rawmk4    21_34.rawmk4
16_47.rawmk4    18_07.rawmk4    19_16.rawmk4    20_32.rawmk4    21_37.rawmk4
16_50.rawmk4    18_10.rawmk4    19_19.rawmk4    20_35.rawmk4    21_40.rawmk4
16_53.rawmk4    18_13.rawmk4    19_22.rawmk4    20_38.rawmk4    21_43.rawmk4
16_56.rawmk4    18_16.rawmk4    19_25.rawmk4    20_41.rawmk4    21_46.rawmk4
16_59.rawmk4    18_19.rawmk4    19_28.rawmk4    20_44.rawmk4    21_49.rawmk4
17_02.rawmk4    18_22.rawmk4    19_31.rawmk4    20_47.rawmk4    21_51.rawmk4
17_05.rawmk4    18_25.rawmk4    19_45.rawmk4    20_50.rawmk4    21_54.rawmk4
17_08.rawmk4    18_31.rawmk4    19_48.rawmk4    20_53.rawmk4    21_57.rawmk4
17_11.rawmk4    18_35.rawmk4    19_51.rawmk4    20_56.rawmk4    22_00.rawmk4
17_14.rawmk4    18_38.rawmk4    19_54.rawmk4    20_59.rawmk4    22_03.rawmk4
17_17.rawmk4    18_41.rawmk4    19_57.rawmk4    21_01.rawmk4    22_06.rawmk4
17_20.rawmk4    18_44.rawmk4    20_00.rawmk4    21_04.rawmk4    22_09.rawmk4
17_23.rawmk4    18_47.rawmk4    20_03.rawmk4    21_07.rawmk4    22_12.rawmk4
17_30.rawmk4    18_50.rawmk4    20_06.rawmk4    21_10.rawmk4    22_15.rawmk4
17_36.rawmk4    18_52.rawmk4    20_09.rawmk4    21_13.rawmk4    22_18.rawmk4
17_42.rawmk4    18_55.rawmk4    20_12.rawmk4    21_16.rawmk4    22_21.rawmk4
17_46.rawmk4    18_58.rawmk4    20_15.rawmk4    21_19.rawmk4    22_24.rawmk4
17_49.rawmk4    19_01.rawmk4    20_17.rawmk4    21_22.rawmk4    22_27.rawmk4
17_52.rawmk4    19_04.rawmk4    20_20.rawmk4    21_25.rawmk4    c17_26.rawmk4
17_55.rawmk4    19_07.rawmk4    20_23.rawmk4    21_28.rawmk4    c17_33.rawmk4
17_58.rawmk4    19_10.rawmk4    20_26.rawmk4    21_31.rawmk4    c17_39.rawmk4
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