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                 Mauna Loa Solar Observatory Observer's Log
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         Mon Mar  3 16:51:57 GMT 2003
Year: 03  Doy: 062
Observer: stueben
WEATHER COMMENT: Mon Mar  3 17:06:32 GMT 2003
Clear, light south wind, temp 36F.
Mon Mar  3 17:10:19 GMT 2003    CHIP      Start Patrol
Mon Mar  3 17:10:37 GMT 2003    PICS      Start Patrol
PSPT COMMENT: Mon Mar  3 17:16:10 GMT 2003
Started daily observations.
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Mar  3 17:32:04 GMT 2003
MKIV COMMENT: Mon Mar  3 17:34:55 GMT 2003
Centered 01 guider.
Mon Mar  3 17:35:11 GMT 2003    MKIV      Start Patrol
**MKIV PROBLEM**: Mon Mar  3 17:41:36 GMT 2003
MK4 not starting when Patrol requested.  Resetting KCC.
Mon Mar  3 17:45:05 GMT 2003    MKIV      Start Patrol
**MKIV PROBLEM**: Mon Mar  3 17:59:31 GMT 2003
Experienced data dropouts on first two scans. Subsequent two scans
were OK.
Mon Mar  3 18:01:44 GMT 2003    CHIP      LSD
Mon Mar  3 18:03:29 GMT 2003    CHIP      End LSD
Mon Mar  3 18:03:45 GMT 2003    CHIP      BiasLSD
Mon Mar  3 18:03:53 GMT 2003    PICS      Flat
Mon Mar  3 18:04:45 GMT 2003    CHIP      End BiasLSD
Mon Mar  3 18:05:00 GMT 2003    CHIP      Bias
Mon Mar  3 18:05:55 GMT 2003    CHIP      End Bias
Mon Mar  3 18:06:25 GMT 2003    PICS      End Flat
MKIV COMMENT: Mon Mar  3 18:32:26 GMT 2003
Centered 01 guider.
Mon Mar  3 18:37:11 GMT 2003    MKIV      Start Cal
PSPT COMMENT: Mon Mar  3 18:53:03 GMT 2003
Started filter temperature controller. Initial temp 53.8F, temp setpoint 80.0F.
Mon Mar  3 18:56:37 GMT 2003    MKIV      End Cal
Mon Mar  3 18:56:48 GMT 2003    MKIV      Start Patrol
**** EVENT COMMENT ****: Mon Mar  3 19:43:35 GMT 2003
An expanding prominence at about PA 315 is visible in the corona and very
faintly in the PICS limb starting about 18:00 UT.
MKIV COMMENT: Mon Mar  3 19:50:25 GMT 2003
Centered 01 guider. Have had no scans with data dropouts since running cal.
PSPT COMMENT: Mon Mar  3 19:57:08 GMT 2003
Temerature rapidly stabilized near setpoint after controller was turned on.
Time/Temp during startup - 18:52/53.8F, 18:55/69.5F, 18:57/75.8F, 1859/80.0F.
After warmup temperature varies between 79.5F and 81.7F.
**PSPT PROBLEM**: Mon Mar  3 20:22:04 GMT 2003
PSPT crashed in Photo Data taking CaK image (1/3) at 20:05 UT.
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Killed/restarted.
**** EVENT COMMENT ****: Mon Mar  3 20:33:47 GMT 2003
EPL at PA 120-135 from 2013 UT. in progress.
**** EVENT COMMENT ****: Mon Mar  3 20:43:44 GMT 2003
A narrow streamer at PA 120 appears to be lengthening and brightening
from around 1955 UT.
**** EVENT COMMENT ****: Mon Mar  3 20:45:31 GMT 2003
Material can still be seen moving through the corona at PA 310-320.
Mon Mar  3 21:16:37 GMT 2003    CHIP     End Patrol
Mon Mar  3 21:16:47 GMT 2003    PICS     End Patrol
**MKIV PROBLEM**: Mon Mar  3 21:18:14 GMT 2003
Mk4 stalled about 20:20. Will restart after reconfiguring dome.
COMMENT: Mon Mar  3 21:20:09 GMT 2003
Idled PICS, CHIP, Mk4 to reconfigure dome.
Mon Mar  3 21:22:57 GMT 2003    CHIP     Start Patrol
Mon Mar  3 21:23:02 GMT 2003    PICS     Start Patrol
MKIV COMMENT: Mon Mar  3 21:24:49 GMT 2003
Centered 01 guider.
Mon Mar  3 21:27:56 GMT 2003    MKIV     End Patrol
Mon Mar  3 21:28:13 GMT 2003    MKIV     Start Patrol
**MKIV PROBLEM**: Mon Mar  3 21:28:43 GMT 2003
Mk4 restarted by itself about 21:18UT. IDLE had been selected but not other
action taken. It started and completed a scan then went to IDLE (though IDLE
had been deselected). PATROL was then selected and normal operation began.
GONG COMMENT: Mon Mar  3 21:38:24 GMT 2003
Did the GONG weekly and monthly PM.
**MKIV PROBLEM**: Mon Mar  3 21:48:21 GMT 2003
Spar may get jostled as I remove the PICS insulating cover to access
the barrel position flat cable.  Want to inspect for damage at the
time PICS cover was on and off on Friday.  Cable is between PICS cover and
cable raceway, not accessible with cover on.
**MKIV PROBLEM**: Mon Mar  3 22:05:30 GMT 2003
No damage to flat cable carrying barrel position information down to OCP.
MKIV COMMENT: Mon Mar  3 22:39:10 GMT 2003
Centered 01 guider.
MKIV COMMENT: Mon Mar  3 23:46:43 GMT 2003
Centered 01 guider.
**MKIV PROBLEM**: Mon Mar  3 23:58:50 GMT 2003
There have been several more scans with data dropouts, the most recent at
23:28UT. The Mk4 has not stalled or had other obvious faults when the
dropouts occurred.
WEATHER COMMENT: Tue Mar  4 00:31:55 GMT 2003
Orograhic clouds beginning to form.
MKIV COMMENT: Tue Mar  4 00:33:27 GMT 2003
Centered 01 guider.
WEATHER COMMENT: Tue Mar  4 00:43:29 GMT 2003
In orographic clouds.
Tue Mar  4 01:05:27 GMT 2003    MKIV     Start Patrol
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Tue Mar  4 01:16:20 GMT 2003     CHIP     End Patrol
Tue Mar  4 01:16:36 GMT 2003     PICS     End Patrol
COMMENT: Tue Mar  4 01:16:33 GMT 2003
Stopping to reconfigure dome shutter.
Tue Mar  4 01:17:30 GMT 2003     MKIV     End Patrol
Tue Mar  4 01:22:22 GMT 2003     MKIV     Start Patrol
Tue Mar  4 01:22:40 GMT 2003     CHIP     Start Patrol
Tue Mar  4 01:22:53 GMT 2003     PICS     Start Patrol
Tue Mar  4 01:58:17 GMT 2003     PICS     End Patrol
PSPT COMMENT: Tue Mar  4 01:58:49 GMT 2003
Shutting down PSPT.
Tue Mar  4 01:58:59 GMT 2003     CHIP     End Patrol
WEATHER COMMENT: Tue Mar  4 01:59:02 GMT 2003
Clouds pretty heavy down to horizon.  Shutting down for the day.
Tue Mar  4 02:03:48 GMT 2003     MKIV     End Patrol
Tue Mar  4 02:06:51 GMT 2003
        MkIV


00_01.rawmk4    01_40.rawmk4    19_02.rawmk4    21_28.rawmk4    22_47.rawmk4
00_03.rawmk4    01_42.rawmk4    19_05.rawmk4    21_31.rawmk4    22_50.rawmk4
00_06.rawmk4    01_45.rawmk4    19_08.rawmk4    21_34.rawmk4    22_53.rawmk4
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