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------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
------------------------------------------------------------------------------
          Sun Jun 10 16:29:51 GMT 2007
Year: 07  Doy: 161
Observer: koon
WEATHER COMMENT: Sun Jun 10 16:29:53 GMT 2007
Clear sky, no wind, temp=45F.
___end___
Sun Jun 10 16:50:34 GMT 2007     MKIV     Start Patrol
Sun Jun 10 16:50:57 GMT 2007     CHIP     Start Patrol
PICS COMMENT: Sun Jun 10 16:52:27 GMT 2007
Changed Occulting Disk from 1961" to 1951"
___end___
COMMENT: Sun Jun 10 16:52:56 GMT 2007
Start delayed as I worked on a problem with the Az drive slipping on the
track, I added a bolt to stiffen the track but it needs to be grinded
carefully to get the gear to seat properly at a small section.
___end___
Sun Jun 10 17:00:06 GMT 2007     PICS     Start Patrol
**PICS PROBLEM**: Sun Jun 10 17:01:44 GMT 2007
Didn't start up, stalled at Program:init, did a pau/run cycle.
___end___
Sun Jun 10 17:03:40 GMT 2007     PICS     Start Patrol
**SBM PROBLEM**: Sun Jun 10 17:14:56 GMT 2007
The sbm program wouldn't work, typing sbm didn't cause anything to happen.
Tried rebooting the PC 4 or 5 times and it kept stalling on something like:
"uncompressing Linux, OK, booting kernel", eventually it booted up OK after
turning it on and letting it go, I didn't even see the above message so it
didn't stall there on the good boot.
___end___
SBM COMMENT: Sun Jun 10 17:18:55 GMT 2007
Obs
___end___
PSPT COMMENT: Sun Jun 10 17:19:01 GMT 2007
Obs
___end___
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jun 10 17:32:16 GMT 2007
Sun Jun 10 17:44:02 GMT 2007     MKIV     End Patrol
**PSPT PROBLEM**: Sun Jun 10 17:47:26 GMT 2007
Wasn't pointed well enough to get a solar image, stopped program, pointed manually
and restarted Obs.
___end___
Sun Jun 10 18:00:55 GMT 2007     CHIP     LSD
Sun Jun 10 18:01:12 GMT 2007     PICS     Flat
Sun Jun 10 18:02:38 GMT 2007     CHIP     End LSD
Sun Jun 10 18:02:47 GMT 2007     CHIP     BiasLSD
Sun Jun 10 18:03:28 GMT 2007     PICS     End Flat
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Sun Jun 10 18:03:47 GMT 2007     MKIV     End Cal
Sun Jun 10 18:03:40 GMT 2007     CHIP      End BiasLSD
Sun Jun 10 18:03:47 GMT 2007     PICS      ReStart Patrol
Sun Jun 10 18:04:03 GMT 2007     MKIV     Start Patrol
Sun Jun 10 18:03:56 GMT 2007     CHIP      Bias
Sun Jun 10 18:04:55 GMT 2007     CHIP      End Bias
Sun Jun 10 18:05:03 GMT 2007     CHIP      ReStart Patrol
COMMENT: Sun Jun 10 20:31:11 GMT 2007
Lost Dec guiding, repointed and reset guider.
___end___
WEATHER COMMENT: Sun Jun 10 21:22:28 GMT 2007
Low clouds are passing over.
___end___
SBM COMMENT: Sun Jun 10 22:01:05 GMT 2007
Paused due to clouds.
___end___
MKIV COMMENT: Sun Jun 10 22:01:13 GMT 2007
Paused due to clouds.
___end___
Sun Jun 10 22:01:48 GMT 2007     MKIV     End Patrol
Sun Jun 10 22:14:50 GMT 2007     CHIP     End Patrol
Sun Jun 10 22:15:02 GMT 2007     PICS     End Patrol
louds are thick, pausing rest of instruments.
___end___
COMMENT: Mon Jun 11 00:57:02 GMT 2007
I tried to rebalance the spar again, I removed the weight at the handle and another
small C-weight at the brown angle-iron mount above the middle of the spar.
It is difficult to get a good balance due to the locations of the weight
mounts.  Earlier today the bottom end of the spar wanted to move away from the
pillar, after my balancing there was a little tendency to move toward the
pillar when the spar was straight up but the Dec balance was good at other
Dec positions, so I tightened the Dec clutch in the hope that would also help
prevent loss of Dec guiding during the day.  The spar is a little more
difficult to position by hand in the Dec direction but I could still do it
with one arm so I don't think it'll be a problem for anyone.
___end___
WEATHER COMMENT: Mon Jun 11 01:05:04 GMT 2007
Cloudy and foggy.
___end___
NICE MK4      IMAGE: 1809
NICE CHIP     IMAGE: 1814
NICE PICSLIMB IMAGE: 1804
NICE PICSDISC IMAGE: 1751
Mon Jun 11 01:28:32 GMT 2007
        MkIV


16_50.rawmk4    18_04.rawmk4    19_05.rawmk4    20_07.rawmk4    21_12.rawmk4
16_53.rawmk4    18_07.rawmk4    19_08.rawmk4    20_10.rawmk4    21_15.rawmk4
```

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16_56.rawmk4    18_09.rawmk4    19_11.rawmk4    20_13.rawmk4    21_18.rawmk4
16_59.rawmk4    18_12.rawmk4    19_14.rawmk4    20_16.rawmk4    21_21.rawmk4
17_02.rawmk4    18_15.rawmk4    19_17.rawmk4    20_19.rawmk4    21_27.rawmk4
17_05.rawmk4    18_18.rawmk4    19_20.rawmk4    20_22.rawmk4    21_31.rawmk4
17_08.rawmk4    18_21.rawmk4    19_23.rawmk4    20_25.rawmk4    21_34.rawmk4
17_11.rawmk4    18_24.rawmk4    19_26.rawmk4    20_28.rawmk4    21_37.rawmk4
17_14.rawmk4    18_27.rawmk4    19_29.rawmk4    20_33.rawmk4    21_40.rawmk4
17_17.rawmk4    18_30.rawmk4    19_32.rawmk4    20_37.rawmk4    21_46.rawmk4
17_20.rawmk4    18_33.rawmk4    19_35.rawmk4    20_40.rawmk4    21_49.rawmk4
17_23.rawmk4    18_36.rawmk4    19_38.rawmk4    20_43.rawmk4    21_52.rawmk4
17_25.rawmk4    18_39.rawmk4    19_41.rawmk4    20_46.rawmk4    21_55.rawmk4
17_28.rawmk4    18_42.rawmk4    19_43.rawmk4    20_49.rawmk4    21_58.rawmk4
17_31.rawmk4    18_45.rawmk4    19_46.rawmk4    20_52.rawmk4    c17_44.rawmk4
17_34.rawmk4    18_48.rawmk4    19_49.rawmk4    20_55.rawmk4    c17_51.rawmk4
17_37.rawmk4    18_51.rawmk4    19_52.rawmk4    20_58.rawmk4    c17_57.rawmk4
17_40.rawmk4    18_53.rawmk4    19_55.rawmk4    21_01.rawmk4
17_48.rawmk4    18_56.rawmk4    19_58.rawmk4    21_04.rawmk4
17_54.rawmk4    18_59.rawmk4    20_01.rawmk4    21_06.rawmk4
18_00.rawmk4    19_02.rawmk4    20_04.rawmk4    21_09.rawmk4
```