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                  Mauna Loa Solar Observatory Observer's Log
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         Sat Sep 23 16:53:47 GMT 2000
Year: 00  Doy: 267
Observer: koon
Sat Sep 23 16:54:43 GMT 2000     CHIP     Startup--Initializing new tape
Sat Sep 23 16:57:43 GMT 2000     MKIV    Start Patrol
Sat Sep 23 16:57:53 GMT 2000     CHIP     CHIP Start 7 Passband Patrol
Sat Sep 23 16:57:58 GMT 2000     PICS     Start Patrol
Sat Sep 23 18:03:14 GMT 2000     PICS     Flat
Sat Sep 23 18:06:56 GMT 2000     PICS     End Flat
**MKIV PROBLEM**: Sat Sep 23 18:56:23 GMT 2000
It looks like the tape only got 2 or 3 files yesterday before the writing stopped
There was a Media error message on the screen this morning.  I'll toss the tape
and write the files to a new tape.
WEATHER COMMENT: Sat Sep 23 18:58:30 GMT 2000
Forgot to include this earlier, at 7 am the wind=5 mph from the SE, temp=47 F,
sky was and still is clear.
Sat Sep 23 20:01:38 GMT 2000     CHIP     Gain7
Sat Sep 23 20:10:01 GMT 2000     CHIP     End Gain
Sat Sep 23 20:10:18 GMT 2000     CHIP     Bias
Sat Sep 23 20:11:25 GMT 2000     CHIP     End Bias
**MLSO PROBLEM**: Sat Sep 23 20:12:28 GMT 2000
Pausing instruments while I do some work on the dome shutter binding problem.
Sat Sep 23 20:15:31 GMT 2000     CHIP     CHIP End Patrol
Sat Sep 23 20:16:43 GMT 2000     PICS     End Patrol
Sat Sep 23 20:37:58 GMT 2000     MKIV    Start Patrol
Sat Sep 23 20:38:21 GMT 2000     CHIP     CHIP Start 7 Passband Patrol
Sat Sep 23 20:38:34 GMT 2000     PICS     Start Patrol
**MLSO PROBLEM**: Sat Sep 23 20:43:22 GMT 2000
I removed the worn shutter rack guide amd will figure the best way to replace
it, for now we must avoid opening the dome beyond 1 foot from the fully opened
position to avoid the gear jumping out of the track.  It is obvious that the
shutter is warped compare to the dome, it is twisted slightly and the radius
of curvature is greater than the dome.  There is reference to "fixing the
warped dome" in some old dome related papers, maybe the fixing never happened.
Anyway, we should be OK with a new L-bracket shaped guide.
COMMENT: Sat Sep 23 20:47:30 GMT 2000
Extended the dome slot.
**MKIV PROBLEM**: Sat Sep 23 20:47:44 GMT 2000
I got the data from d266 to tape, I kept getting "tape write errors" so it
took 3 tries using the same tape.
WEATHER COMMENT: Sat Sep 23 21:36:55 GMT 2000
Medium cirrostratus has moved in, closing down to go vote.
Sat Sep 23 21:38:17 GMT 2000     CHIP     CHIP End Patrol
Sat Sep 23 21:38:44 GMT 2000     PICS     End Patrol
Sat Sep 23 21:41:28 GMT 2000     CHIP     ending tape
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COMMENT: Sat Sep 23 21:52:45 GMT 2000

TAPES:
******
MKIV: 00-267
CHIP: C01228
PICS: P01847
LOWL: Being upgraded.

Sat Sep 23 21:54:10 GMT 2000
        MkIV

16_57.rawmk4    17_51.rawmk4    18_55.rawmk4    19_49.rawmk4    21_04.rawmk4
17_00.rawmk4    17_54.rawmk4    18_58.rawmk4    19_52.rawmk4    21_07.rawmk4
17_03.rawmk4    17_57.rawmk4    19_01.rawmk4    19_55.rawmk4    21_10.rawmk4
17_06.rawmk4    18_00.rawmk4    19_04.rawmk4    19_59.rawmk4    21_13.rawmk4
17_09.rawmk4    18_03.rawmk4    19_07.rawmk4    20_02.rawmk4    21_16.rawmk4
17_12.rawmk4    18_06.rawmk4    19_10.rawmk4    20_05.rawmk4    21_19.rawmk4
17_15.rawmk4    18_09.rawmk4    19_13.rawmk4    20_07.rawmk4    21_22.rawmk4
17_18.rawmk4    18_12.rawmk4    19_16.rawmk4    20_10.rawmk4    21_25.rawmk4
17_21.rawmk4    18_18.rawmk4    19_19.rawmk4    20_13.rawmk4    21_28.rawmk4
17_24.rawmk4    18_25.rawmk4    19_22.rawmk4    20_37.rawmk4    21_31.rawmk4
17_27.rawmk4    18_31.rawmk4    19_25.rawmk4    20_40.rawmk4    21_34.rawmk4
17_30.rawmk4    18_34.rawmk4    19_28.rawmk4    20_43.rawmk4    c18_15.rawmk4
17_33.rawmk4    18_37.rawmk4    19_31.rawmk4    20_46.rawmk4    c18_22.rawmk4
17_36.rawmk4    18_40.rawmk4    19_34.rawmk4    20_49.rawmk4    c18_28.rawmk4
17_39.rawmk4    18_43.rawmk4    19_37.rawmk4    20_52.rawmk4
17_42.rawmk4    18_46.rawmk4    19_40.rawmk4    20_55.rawmk4
17_45.rawmk4    18_49.rawmk4    19_43.rawmk4    20_58.rawmk4
17_48.rawmk4    18_52.rawmk4    19_46.rawmk4    21_01.rawmk4
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