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                  Mauna Loa Solar Observatory Observer's Log
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          Sat Dec 20 17:07:17 GMT 1997
Year: 97  Doy: 354
Observer: koon
WEATHER COMMENT: Sat Dec 20 17:07:21 GMT 1997
Clear sky, wind=15 mph from the SE, temp=41 F.
Sat Dec 20 17:07:51 GMT 1997    CHIP     Startup--Initializing new tape
Sat Dec 20 17:13:05 GMT 1997    PICS     Start Patrol
Sat Dec 20 17:13:05 GMT 1997    PICS     Start Patrol
Sat Dec 20 17:13:17 GMT 1997    MKIII    Start Patrol
PSPT COMMENT: Sat Dec 20 17:41:05 GMT 1997
I'm trying to figure out whether to startup the observing program or not.
Haosheng sent a message about the Sparcstation having a problem, and Eric's
log from yesterday mentions a PSPT data tape overnight.  I think I will
have to remove that data tape from the drive and install a new blank tape
to write a second data tape tonight.  The last procedure from Haosheng
says that data are written to disk only during obs so I will assume that
is still valid.
CHIP COMMENT: Sat Dec 20 17:48:16 GMT 1997
Not sure why the log doesn't show "Starting Patrol" message for CHIP, it
is running Patrol.
The last time I noticed this the CHIP wasn't running even though I thought
I started it up that morning.
Sat Dec 20 18:00:05 GMT 1997    PICS     Flat
Sat Dec 20 18:01:31 GMT 1997    PICS     End Flat
Sat Dec 20 18:02:02 GMT 1997    CHIP     Bias
Sat Dec 20 18:03:01 GMT 1997    CHIP     End Bias
Sat Dec 20 18:03:11 GMT 1997    CHIP     Water
Sat Dec 20 18:04:04 GMT 1997    CHIP     End Water
PSPT COMMENT: Sat Dec 20 18:06:25 GMT 1997
Started up observing after cycling power to Sparcstation at Haosheng's
request.  I am using "Run" from the testprogs directory as I did last time.
Sat Dec 20 19:01:08 GMT 1997    PICS     Flat
Sat Dec 20 19:02:10 GMT 1997    CHIP     Bias
Sat Dec 20 19:02:39 GMT 1997    PICS     End Flat
Sat Dec 20 19:03:20 GMT 1997    CHIP     End Bias
Sat Dec 20 19:03:29 GMT 1997    CHIP     Water
Sat Dec 20 19:04:17 GMT 1997    CHIP     End Water
Sat Dec 20 19:17:14 GMT 1997    MKIII    Start Patrol
Sat Dec 20 20:02:05 GMT 1997    PICS     Flat
Sat Dec 20 20:02:05 GMT 1997    PICS     Flat
Sat Dec 20 20:03:37 GMT 1997    PICS     End Flat
Sat Dec 20 20:08:02 GMT 1997    CHIP     End Gain
Sat Dec 20 20:08:12 GMT 1997    CHIP     Bias
Sat Dec 20 20:09:09 GMT 1997    CHIP     End Bias
Sat Dec 20 20:09:19 GMT 1997    CHIP     Water
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Sat Dec 20 20:10:02 GMT 1997     CHIP     End Water
Sat Dec 20 21:00:13 GMT 1997     PICS     Flat
Sat Dec 20 21:01:43 GMT 1997     PICS     End Flat
Sat Dec 20 21:02:02 GMT 1997     CHIP     Bias
Sat Dec 20 21:02:59 GMT 1997     CHIP     End Bias
Sat Dec 20 21:03:12 GMT 1997     CHIP     Water
Sat Dec 20 21:04:11 GMT 1997     CHIP     End Water
Sat Dec 20 22:02:04 GMT 1997     PICS     Flat
Sat Dec 20 22:02:04 GMT 1997     PICS     Flat
Sat Dec 20 22:03:03 GMT 1997     CHIP     End Bias
Sat Dec 20 22:03:13 GMT 1997     CHIP     Water
Sat Dec 20 22:03:32 GMT 1997     PICS     End Flat
Sat Dec 20 22:04:02 GMT 1997     CHIP     End Water
COMMENT: Sat Dec 20 22:33:35 GMT 1997
Spar lost tracking in declination for a minute, as if too heavy at top of
spar.
MKIII COMMENT: Sat Dec 20 22:45:17 GMT 1997
I just noticed that the messages in the akamai window keep saying
wrote 0 records.  I'm not sure how long it has been doing that.  Data are
going to disk though.
Sat Dec 20 23:00:08 GMT 1997     PICS     Flat
Sat Dec 20 23:01:34 GMT 1997     PICS     End Flat
Sat Dec 20 23:02:04 GMT 1997     CHIP     Bias
Sat Dec 20 23:03:09 GMT 1997     CHIP     End Bias
Sat Dec 20 23:03:21 GMT 1997     CHIP     Water
Sat Dec 20 23:04:07 GMT 1997     CHIP     End Water
PSPT COMMENT: Sat Dec 20 23:04:17 GMT 1997
Haosheng just called up.  I will reload the tape and rerun the gtar command
to put data on it, this is because that process was interrupted yesterday.
Also, I will leave the CCD controller and the Rack power on tonight so
Haosheng can test some things.  I will loosen the RA clutch to prevent
the telescope from spinning during the tests and whule I'm not here to
stop it.
Sat Dec 20 23:07:16 GMT 1997     PICS     End Patrol
MKIII COMMENT: Sat Dec 20 23:15:03 GMT 1997
Tape won't unload, will clean tape drive.
Sat Dec 20 23:16:35 GMT 1997     CHIP     CHIP End Patrol
Sat Dec 20 23:33:41 GMT 1997     CHIP     ending tape
COMMENT: Sat Dec 20 23:48:39 GMT 1997

TAPES:
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MKIII: H01706
PICS: P01067
CHIP: C00453
LOWL: L00488 in drive #1

Sat Dec 20 23:49:44 GMT 1997
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MkIII

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17_13.rawmk3    18_23.rawmk3    20_01.rawmk3    21_11.rawmk3    22_21.rawmk3
17_16.rawmk3    18_26.rawmk3    20_04.rawmk3    21_14.rawmk3    22_24.rawmk3
17_19.rawmk3    18_29.rawmk3    20_07.rawmk3    21_17.rawmk3    22_27.rawmk3
17_22.rawmk3    18_32.rawmk3    20_09.rawmk3    21_20.rawmk3    22_30.rawmk3
17_25.rawmk3    18_35.rawmk3    20_12.rawmk3    21_23.rawmk3    22_33.rawmk3
17_28.rawmk3    18_38.rawmk3    20_15.rawmk3    21_25.rawmk3    22_36.rawmk3
17_31.rawmk3    18_44.rawmk3    20_18.rawmk3    21_28.rawmk3    22_38.rawmk3
17_34.rawmk3    18_50.rawmk3    20_21.rawmk3    21_31.rawmk3    22_41.rawmk3
17_37.rawmk3    18_57.rawmk3    20_24.rawmk3    21_34.rawmk3    22_44.rawmk3
17_39.rawmk3    19_17.rawmk3    20_27.rawmk3    21_37.rawmk3    22_47.rawmk3
17_42.rawmk3    19_20.rawmk3    20_30.rawmk3    21_40.rawmk3    22_50.rawmk3
17_45.rawmk3    19_23.rawmk3    20_33.rawmk3    21_43.rawmk3    22_53.rawmk3
17_48.rawmk3    19_26.rawmk3    20_36.rawmk3    21_46.rawmk3    22_56.rawmk3
17_51.rawmk3    19_29.rawmk3    20_39.rawmk3    21_49.rawmk3    22_59.rawmk3
17_54.rawmk3    19_31.rawmk3    20_42.rawmk3    21_52.rawmk3    23_02.rawmk3
17_57.rawmk3    19_34.rawmk3    20_45.rawmk3    21_55.rawmk3    23_05.rawmk3
18_00.rawmk3    19_37.rawmk3    20_47.rawmk3    21_58.rawmk3    23_08.rawmk3
18_03.rawmk3    19_40.rawmk3    20_50.rawmk3    22_01.rawmk3    c18_41.rawmk3
18_06.rawmk3    19_43.rawmk3    20_53.rawmk3    22_03.rawmk3    c18_47.rawmk3
18_09.rawmk3    19_46.rawmk3    20_56.rawmk3    22_06.rawmk3    c18_54.rawmk3
18_12.rawmk3    19_49.rawmk3    20_59.rawmk3    22_09.rawmk3
18_15.rawmk3    19_52.rawmk3    21_02.rawmk3    22_12.rawmk3
18_17.rawmk3    19_55.rawmk3    21_05.rawmk3    22_15.rawmk3
18_20.rawmk3    19_58.rawmk3    21_08.rawmk3    22_18.rawmk3
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