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                  Mauna Loa Solar Observatory Observer's Log
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          Sun May 24 17:00:42 GMT 1998
Year: 98  Doy: 144
Observer: koon
WEATHER COMMENT: Sun May 24 17:00:43 GMT 1998
Hazy sky, maybe this is smoke from some of those big forest fires along
the Pacific Rim, wind=5 mph from the North, temp=48 F.
Sun May 24 17:07:04 GMT 1998    MKIII    Start Patrol
Sun May 24 17:07:14 GMT 1998    CHIP     CHIP Start Patrol
Sun May 24 17:07:14 GMT 1998    CHIP     CHIP Start Patrol
PSPT COMMENT: Sun May 24 17:23:19 GMT 1998
The dome pointing ephemeirs has been temporarily removed from the observation
program because it wasn't working properly due to the way the sun goes
north of our lattitude during this time of year.  Haosheng and I have a
plan where the program will move the dome correctly for this time of year
but he doesn't have time to implement it yet so we need to point the dome
manually for a while.  That shouldn't be too hard, it may be that we only need
to move the dome once around noon and point it to the North.  So when I
started up I unplugged the computer cable to the dome controller, we should
leave that unplugged until Haosheng makes the changes to the program.
Then I pointed the dome to the sun, then I started the program using the
Run command as usual.  I also unplugged the dome shutter cable in
anticipation of pointing the dome to the North later.
PSPT COMMENT: Sun May 24 17:29:50 GMT 1998
The images look good, the PSPT is back in operation now.
Sun May 24 18:00:26 GMT 1998    PICS     Flat
Sun May 24 18:01:58 GMT 1998    PICS     End Flat
Sun May 24 18:02:03 GMT 1998    CHIP     Bias
Sun May 24 18:03:19 GMT 1998    CHIP     End Bias
Sun May 24 18:03:35 GMT 1998    CHIP     Water
Sun May 24 18:04:24 GMT 1998    CHIP     End Water
Sun May 24 18:04:34 GMT 1998    CHIP     Velocity
Sun May 24 18:05:51 GMT 1998    CHIP     End Velocity
Sun May 24 19:01:11 GMT 1998    CHIP     Bias
Sun May 24 19:01:19 GMT 1998    PICS     Flat
Sun May 24 19:02:21 GMT 1998    CHIP     End Bias
Sun May 24 19:02:35 GMT 1998    CHIP     Water
Sun May 24 19:02:46 GMT 1998    PICS     End Flat
Sun May 24 19:03:24 GMT 1998    CHIP     End Water
Sun May 24 19:03:34 GMT 1998    CHIP     Velocity
Sun May 24 19:04:50 GMT 1998    CHIP     End Velocity
PSPT COMMENT: Sun May 24 19:40:06 GMT 1998
I haven't had to rotate the dome yet.
Sun May 24 20:01:25 GMT 1998    PICS     Flat
Sun May 24 20:02:53 GMT 1998    PICS     End Flat
Sun May 24 20:03:04 GMT 1998    CHIP     Gain
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Sun May 24 20:09:00 GMT 1998     CHIP     End Gain
Sun May 24 20:09:10 GMT 1998     CHIP     Bias
Sun May 24 20:10:07 GMT 1998     CHIP     End Bias
Sun May 24 20:10:19 GMT 1998     CHIP     Water
Sun May 24 20:11:00 GMT 1998     CHIP     End Water
Sun May 24 20:11:10 GMT 1998     CHIP     Velocity
Sun May 24 20:12:34 GMT 1998     CHIP     End Velocity
COMMENT: Sun May 24 20:35:51 GMT 1998
Extended the dome slot about 20 minutes ago.
Sun May 24 21:01:03 GMT 1998     CHIP     Bias
Sun May 24 21:02:25 GMT 1998     PICS     Flat
Sun May 24 21:02:25 GMT 1998     PICS     Flat
Sun May 24 21:02:34 GMT 1998     CHIP     Water
Sun May 24 21:03:28 GMT 1998     CHIP     End Water
Sun May 24 21:03:38 GMT 1998     CHIP     Velocity
Sun May 24 21:03:58 GMT 1998     PICS     End Flat
Sun May 24 21:04:58 GMT 1998     CHIP     End Velocity
Sun May 24 22:00:23 GMT 1998     PICS     Flat
Sun May 24 22:01:54 GMT 1998     PICS     End Flat
Sun May 24 22:03:04 GMT 1998     CHIP     Bias
Sun May 24 22:04:19 GMT 1998     CHIP     End Bias
Sun May 24 22:04:29 GMT 1998     CHIP     Water
Sun May 24 22:05:16 GMT 1998     CHIP     End Water
Sun May 24 22:05:26 GMT 1998     CHIP     Velocity
Sun May 24 22:06:44 GMT 1998     CHIP     End Velocity
WEATHER COMMENT: Sun May 24 22:12:10 GMT 1998
Orographic clouds are moving in.
PSPT COMMENT: Sun May 24 22:12:43 GMT 1998
Didn't have to turn the dome until about 12 noon.
Sun May 24 22:13:25 GMT 1998     PICS     End Patrol
Sun May 24 22:13:33 GMT 1998     CHIP     CHIP End Patrol
Sun May 24 22:16:44 GMT 1998     CHIP     ending tape
PSPT COMMENT: Sun May 24 22:41:29 GMT 1998
Need to press the space bar on the PC when you exit the observing program
and the Sparcstation shows that it is trying to "park the dome", that ends
the task on the PC.  Otherwise the observing program worked well after
those dome control lines were commented out of the code.
COMMENT: Sun May 24 22:44:31 GMT 1998


TAPES:
******
MKIII: H01832
PICS: P01199
CHIP: C00591
LOWL: L00518 in temp drive #0

Sun May 24 22:49:43 GMT 1998
        MkIII
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17_07.rawmk3    18_11.rawmk3    19_25.rawmk3    20_29.rawmk3    21_34.rawmk3
17_10.rawmk3    18_14.rawmk3    19_28.rawmk3    20_32.rawmk3    21_37.rawmk3
17_13.rawmk3    18_17.rawmk3    19_31.rawmk3    20_35.rawmk3    21_39.rawmk3
17_16.rawmk3    18_20.rawmk3    19_34.rawmk3    20_38.rawmk3    21_42.rawmk3
17_18.rawmk3    18_23.rawmk3    19_37.rawmk3    20_41.rawmk3    21_45.rawmk3
17_21.rawmk3    18_26.rawmk3    19_40.rawmk3    20_44.rawmk3    21_48.rawmk3
17_24.rawmk3    18_29.rawmk3    19_43.rawmk3    20_47.rawmk3    21_51.rawmk3
17_27.rawmk3    18_32.rawmk3    19_46.rawmk3    20_50.rawmk3    21_54.rawmk3
17_30.rawmk3    18_34.rawmk3    19_48.rawmk3    20_53.rawmk3    21_57.rawmk3
17_33.rawmk3    18_37.rawmk3    19_51.rawmk3    20_56.rawmk3    22_00.rawmk3
17_36.rawmk3    18_40.rawmk3    19_54.rawmk3    20_59.rawmk3    22_03.rawmk3
17_39.rawmk3    18_43.rawmk3    19_57.rawmk3    21_02.rawmk3    22_06.rawmk3
17_42.rawmk3    18_49.rawmk3    20_00.rawmk3    21_04.rawmk3    22_09.rawmk3
17_45.rawmk3    18_55.rawmk3    20_03.rawmk3    21_07.rawmk3    22_12.rawmk3
17_48.rawmk3    19_02.rawmk3    20_06.rawmk3    21_10.rawmk3    22_15.rawmk3
17_51.rawmk3    19_05.rawmk3    20_09.rawmk3    21_13.rawmk3    c18_46.rawmk3
17_54.rawmk3    19_08.rawmk3    20_12.rawmk3    21_16.rawmk3    c18_52.rawmk3
17_56.rawmk3    19_10.rawmk3    20_15.rawmk3    21_19.rawmk3    c18_58.rawmk3
17_59.rawmk3    19_13.rawmk3    20_18.rawmk3    21_22.rawmk3
18_02.rawmk3    19_16.rawmk3    20_21.rawmk3    21_25.rawmk3
18_05.rawmk3    19_19.rawmk3    20_24.rawmk3    21_28.rawmk3
18_08.rawmk3    19_22.rawmk3    20_26.rawmk3    21_31.rawmk3
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