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                 Mauna Loa Solar Observatory Observer's Log
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          Wed Jul 22 17:37:33 GMT 1998
Year: 98  Doy: 203
Observer: koon
WEATHER COMMENT: Wed Jul 22 17:37:36 GMT 1998
Very large and dark cloud capping Mauna Loa, there's one over Mauna Kea too.
Currently the sun is blocked, we may get rain later.  Wind=25 mph from
the East, temp=47 F.
COMMENT: Wed Jul 22 17:39:41 GMT 1998
Will wait for clouds to clear before I start observations.
COMMENT: Wed Jul 22 17:52:01 GMT 1998
Checked the HELCO meter readings this morning.
WEATHER COMMENT: Wed Jul 22 20:10:12 GMT 1998
Clouds look less ominous and sun peaks out occasionally, starting observations.
Wed Jul 22 20:11:36 GMT 1998    CHIP     Startup--Initializing new tape
Wed Jul 22 20:11:36 GMT 1998    CHIP     Startup--Initializing new tape
Wed Jul 22 20:12:05 GMT 1998    CHIP     CHIP Start Patrol
**MKIII PROBLEM**: Wed Jul 22 20:27:06 GMT 1998
I tried to center the occulter to get rid of the bad occulting that Alice
has seen lately.  I'm not sure if I improved it yet because of the clouds.
**MKIII PROBLEM**: Wed Jul 22 20:28:29 GMT 1998
It looks like the occulting is still bad, I'll keep trying.
**MKIII PROBLEM**: Wed Jul 22 20:42:46 GMT 1998
OK, the occulting is much better now, I was able to get a good adjustment
between clouds.
Wed Jul 22 21:00:42 GMT 1998    PICS     Flat
Wed Jul 22 21:00:59 GMT 1998    CHIP     Bias
Wed Jul 22 21:02:01 GMT 1998    CHIP     End Bias
Wed Jul 22 21:02:17 GMT 1998    CHIP     Water
Wed Jul 22 21:02:17 GMT 1998    CHIP     Water
Wed Jul 22 21:03:04 GMT 1998    CHIP     End Water
**CHIP PROBLEM**: Wed Jul 22 21:07:29 GMT 1998
I'm getting tape write error messages.  Stopped program, had tape rewound
and ejected.  Loaded a new tape and started Patrol again.
Wed Jul 22 21:14:30 GMT 1998    CHIP     CHIP Start Patrol
**CHIP PROBLEM**: Wed Jul 22 21:21:29 GMT 1998
Same I/O tape write error with a different tape, stopping Patrol again.
Wed Jul 22 21:23:21 GMT 1998    CHIP     CHIP End Patrol
Wed Jul 22 21:24:59 GMT 1998    CHIP     ending tape
Wed Jul 22 21:28:15 GMT 1998    CHIP     CHIP Start Patrol
**CHIP PROBLEM**: Wed Jul 22 21:33:48 GMT 1998
I tried cleaning the tape drive and ran Patrol again but got the same error
messages.
Wed Jul 22 21:34:21 GMT 1998    CHIP     CHIP End Patrol
Wed Jul 22 21:34:51 GMT 1998    CHIP     ending tape
Wed Jul 22 21:39:01 GMT 1998    CHIP     Startup--Initializing new tape
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**CHIP PROBLEM**: Wed Jul 22 21:41:06 GMT 1998
This time I ejected the tape, etcetera, with End Day, like before, but then
I did a Kill/Run cycle and when I started up again I clicked on New Day
to initialize the tape.  Now the data are going to tape like usual.  Perhaps
"New Day" should actually be called "New Tape".  I'm not sure what caused
the original problem, I'm using the original tape now.  Problem fixed.

Wed Jul 22 22:00:36 GMT 1998     PICS     Flat
Wed Jul 22 22:02:05 GMT 1998     PICS     End Flat
Wed Jul 22 22:02:52 GMT 1998     CHIP     Bias
Wed Jul 22 22:03:50 GMT 1998     CHIP     End Bias
Wed Jul 22 22:04:04 GMT 1998     CHIP     Water
Wed Jul 22 22:04:51 GMT 1998     CHIP     End Water
Wed Jul 22 22:11:02 GMT 1998     PICS     End Patrol
Wed Jul 22 22:11:22 GMT 1998     CHIP     CHIP End Patrol
Wed Jul 22 22:12:30 GMT 1998     CHIP     ending tape
COMMENT: Wed Jul 22 22:12:59 GMT 1998


TAPES:
******
PICS: P01250
CHIP: C00644
LOWL: L00533 in Test Drive #1

Wed Jul 22 22:14:08 GMT 1998
        MkIII


20_09.rawmk3   20_32.rawmk3   20_56.rawmk3   21_19.rawmk3   21_42.rawmk3
20_12.rawmk3   20_35.rawmk3   20_59.rawmk3   21_22.rawmk3   21_45.rawmk3
20_15.rawmk3   20_38.rawmk3   21_02.rawmk3   21_25.rawmk3   21_48.rawmk3
20_18.rawmk3   20_41.rawmk3   21_04.rawmk3   21_28.rawmk3   21_51.rawmk3
20_21.rawmk3   20_44.rawmk3   21_07.rawmk3   21_31.rawmk3   21_54.rawmk3
20_24.rawmk3   20_47.rawmk3   21_10.rawmk3   21_34.rawmk3   21_57.rawmk3
20_26.rawmk3   20_50.rawmk3   21_13.rawmk3   21_37.rawmk3   22_00.rawmk3
20_29.rawmk3   20_53.rawmk3   21_16.rawmk3   21_40.rawmk3   22_03.rawmk3
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