
Mauna Loa Solar Observatory Observer's Log

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 rewind 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

****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
```