
Mauna Loa Solar Observatory Observer's Log

Sun Oct 29 16:50:44 GMT 2000

Year: 00 Doy: 303

Observer: koon

Sun Oct 29 16:50:53 GMT 2000 CHIP Startup--Initializing new tape

Sun Oct 29 16:56:18 GMT 2000 MKIV Start Patrol

WEATHER COMMENT: Sun Oct 29 16:56:21 GMT 2000

Scattered clouds over the mountain top, wind=5 mph from the SSW, temp=42 F, frosty.

000 PICS Start Patrol

COMMENT: Sun Oct 29 17:04:42 GMT 2000

Spar isn't tracking well due to clouds.

PSPT PROBLEM Sun Oct 29 17:05:01 GMT 2000

I am running this with the cooler on as usual to see how bad the coolant leak is. I'd like to find assembly drawings for the pump housing or at least talk to Lytron Tech Support before taking that housing off and apart, so I know what I'm getting into and can minimize PSPT down-time. It might be better to order parts like seals before I take things apart further.

MKIV COMMENT: Sun Oct 29 17:12:51 GMT 2000

Mercury was supposed to be in the FOV at 1700 UT today, the telescope still hasn't cleared the bottom of the dome slot so it is difficult to see even the corona, I haven't seen Mercury yet.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Oct 29 17:42:13 GMT 2000

WEATHER COMMENT: Sun Oct 29 17:43:51 GMT 2000

Clouds have cleared for now.

PSPT PROBLEM Sun Oct 29 17:52:45 GMT 2000

Leak drips about 1 drop/minute. Telescope pointed incorrectly, doing a guider ephemeris calibration and will try to restart.

Sun Oct 29 18:02:33 GMT 2000 PICS Flat

Sun Oct 29 18:06:15 GMT 2000 PICS End Flat

PSPT PROBLEM Sun Oct 29 18:47:35 GMT 2000

Talked to Lytron Technical Support, they agree there is probably a seal leak on the pump and that it isn't worth trying to replace the seal. They have new pumps in stock for \$178, this may be a good time to try running PSPT camera without coolant as proposed earlier, else we get a new pump and R+R old one. I'll email information to those involved with this decision.

WEATHER COMMENT: Sun Oct 29 19:22:23 GMT 2000

Orographic clouds are moving in.

Sun Oct 29 20:01:00 GMT 2000 CHIP Gain7

Sun Oct 29 20:09:37 GMT 2000 CHIP End Gain7

Sun Oct 29 20:09:46 GMT 2000 CHIP Bias7

Sun Oct 29 20:10:42 GMT 2000 CHIP End Bias7

MLSO PROBLEM Sun Oct 29 20:30:58 GMT 2000

I finished improving the latching of the West door, not as good as it should be but I'd have to reinstall it to get it there. It works much better, easier to turn knob and easier to open and close.

WEATHER COMMENT: Sun Oct 29 20:38:54 GMT 2000

Clouds getting thicker, Spar not tracking, pausing instruments.

Sun Oct 29 20:39:53 GMT 2000 PICS End Patrol

Sun Oct 29 20:42:29 GMT 2000 CHIP End Patrol

Sun Oct 29 21:03:04 GMT 2000 CHIP Ending tape

COMMENT: Sun Oct 29 22:29:39 GMT 2000

TAPES:

MKIV: 00-303

CHIP: C01261

PICS: P01878

Sun Oct 29 22:30:20 GMT 2000

MkIV

16_56.rawmk4	17_47.rawmk4	18_41.rawmk4	19_28.rawmk4	20_16.rawmk4
16_59.rawmk4	17_53.rawmk4	18_44.rawmk4	19_31.rawmk4	20_19.rawmk4
17_02.rawmk4	17_59.rawmk4	18_47.rawmk4	19_34.rawmk4	20_22.rawmk4
17_05.rawmk4	18_02.rawmk4	18_50.rawmk4	19_37.rawmk4	20_25.rawmk4
17_08.rawmk4	18_05.rawmk4	18_53.rawmk4	19_40.rawmk4	20_27.rawmk4
17_11.rawmk4	18_08.rawmk4	18_55.rawmk4	19_43.rawmk4	20_30.rawmk4
17_14.rawmk4	18_11.rawmk4	18_58.rawmk4	19_46.rawmk4	20_33.rawmk4
17_17.rawmk4	18_14.rawmk4	19_01.rawmk4	19_49.rawmk4	20_36.rawmk4
17_20.rawmk4	18_17.rawmk4	19_04.rawmk4	19_52.rawmk4	20_39.rawmk4
17_23.rawmk4	18_20.rawmk4	19_07.rawmk4	19_55.rawmk4	20_42.rawmk4
17_26.rawmk4	18_23.rawmk4	19_10.rawmk4	19_58.rawmk4	20_45.rawmk4
17_29.rawmk4	18_26.rawmk4	19_13.rawmk4	20_01.rawmk4	20_48.rawmk4
17_32.rawmk4	18_29.rawmk4	19_16.rawmk4	20_04.rawmk4	20_51.rawmk4
17_35.rawmk4	18_32.rawmk4	19_19.rawmk4	20_07.rawmk4	c17_43.rawmk4
17_38.rawmk4	18_35.rawmk4	19_22.rawmk4	20_10.rawmk4	c17_50.rawmk4
17_40.rawmk4	18_38.rawmk4	19_25.rawmk4	20_13.rawmk4	c17_56.rawmk4