
Mauna Loa Solar Observatory Observer's Log

Sun May 14 16:48:07 GMT 2000

Year: 00 Doy: 135

Observer: koon

WEATHER COMMENT: Sun May 14 16:48:23 GMT 2000

Clear sky, wind=5 mph from the West, temp=50 F.

Sun May 14 16:49:08 GMT 2000 CHIP Startup--Initializing new tape

Sun May 14 16:54:54 GMT 2000 MKIV Start Patrol

Sun May 14 16:54:59 GMT 2000 CHIP CHIP Start 7 Passband Patrol

LOW-L PROBLEM: Sun May 14 17:02:18 GMT 2000

L00707 popped out of temporary drive #0 (old drive #1) which is typical of that drive lately. We'll see if there is a tape header crash on temporary drive #1 (old drive #0) as has been typical for that drive. A new drive is on its way out to us to replace old drive #0, but we'll probably need 2 new (ideally brand new) drives since we keep seeing crashes on both drives. Eric and I talked about this yesterday and he mentioned how well the PSPT system of writing files to a big disk while observing then writing from disk to tape at night has been working. Can't we do that with the LOWL? Way back when there was a period of no drive crashes ;) I seem to remember getting almost a weeks worth of data on one 4 GB tape, so it seems it would be a big help to have a 2 GB disk drive and only one exabyte drive (and one spare) using the 2GB hard drive to hold data until the data can be smoothly transferred in one continuous stream to the exabyte tape at night. If something goes wrong with the transfer the disk drive would be big enough to hold several days worth of data and would transfer the data the first night that a functioning tape drive was available. This system works flawlessly with the PSPT, no wasted time and tapes, and no lost data. If not with the current system then maybe with the next upgraded LOWL? You could get really efficient with a bigger disk drive and a DLT tape drive too. Writing to disk is also much faster than to tape, so we'd get more data. The program is still running with data going to L00708 in temporary drive #1, I installed L00709 in temporary drive #0.

Sun May 14 17:27:08 GMT 2000 PICS Start Patrol

PICS PROBLEM: Sun May 14 17:29:44 GMT 2000

PICS and CHIP shared GUI screen monitor went into Power Saving mode this morning so I had to cycle the power to MCC. After I started I realized the programs for both were stalled so I had to do a Kill/Run cycle to clear things and restart all.

02 GMT 2000 CHIP Startup--Initializing new tape

Sun May 14 17:33:12 GMT 2000 PICS Start Patrol

CHIP PROBLEM: Sun May 14 17:33:25 GMT 2000

See the PICS shared problem above.

Sun May 14 17:35:12 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Sun May 14 18:03:34 GMT 2000 PICS Flat

Sun May 14 18:06:09 GMT 2000 PICS End Flat

Sun May 14 20:01:52 GMT 2000 CHIP Gain7

Sun May 14 20:10:27 GMT 2000 CHIP End Gain
Sun May 14 20:10:38 GMT 2000 CHIP Bias
Sun May 14 20:11:35 GMT 2000 CHIP End Bias
COMMENT: Sun May 14 20:18:33 GMT 2000
Extended the dome slot.
Sun May 14 22:07:11 GMT 2000 CHIP CHIP End Patrol
Sun May 14 22:07:17 GMT 2000 PICS End Patrol
Sun May 14 22:08:34 GMT 2000 CHIP ending tape
COMMENT: Sun May 14 22:16:27 GMT 2000

TAPES:

MKIV: 00-135

CHIP: C01126

PICS: P01747

LOWL: L00708 in temp drive #1.

Sun May 14 22:18:28 GMT 2000

MkIV

16_54.rawmk4	18_06.rawmk4	19_09.rawmk4	20_11.rawmk4	21_13.rawmk4
16_57.rawmk4	18_09.rawmk4	19_12.rawmk4	20_14.rawmk4	21_16.rawmk4
17_00.rawmk4	18_12.rawmk4	19_15.rawmk4	20_17.rawmk4	21_19.rawmk4
17_03.rawmk4	18_15.rawmk4	19_18.rawmk4	20_20.rawmk4	21_22.rawmk4
17_06.rawmk4	18_18.rawmk4	19_21.rawmk4	20_23.rawmk4	21_25.rawmk4
17_09.rawmk4	18_21.rawmk4	19_23.rawmk4	20_26.rawmk4	21_28.rawmk4
17_12.rawmk4	18_24.rawmk4	19_26.rawmk4	20_29.rawmk4	21_31.rawmk4
17_15.rawmk4	18_27.rawmk4	19_29.rawmk4	20_32.rawmk4	21_34.rawmk4
17_18.rawmk4	18_30.rawmk4	19_32.rawmk4	20_35.rawmk4	21_37.rawmk4
17_21.rawmk4	18_33.rawmk4	19_35.rawmk4	20_38.rawmk4	21_40.rawmk4
17_24.rawmk4	18_36.rawmk4	19_38.rawmk4	20_41.rawmk4	21_43.rawmk4
17_27.rawmk4	18_39.rawmk4	19_41.rawmk4	20_44.rawmk4	21_46.rawmk4
17_30.rawmk4	18_42.rawmk4	19_44.rawmk4	20_47.rawmk4	21_49.rawmk4
17_33.rawmk4	18_45.rawmk4	19_47.rawmk4	20_50.rawmk4	21_52.rawmk4
17_36.rawmk4	18_48.rawmk4	19_50.rawmk4	20_53.rawmk4	21_55.rawmk4
17_39.rawmk4	18_51.rawmk4	19_53.rawmk4	20_56.rawmk4	21_58.rawmk4
17_45.rawmk4	18_54.rawmk4	19_56.rawmk4	20_59.rawmk4	22_01.rawmk4
17_51.rawmk4	18_57.rawmk4	19_59.rawmk4	21_02.rawmk4	c17_42.rawmk4
17_57.rawmk4	19_00.rawmk4	20_02.rawmk4	21_05.rawmk4	c17_48.rawmk4
18_01.rawmk4	19_03.rawmk4	20_05.rawmk4	21_07.rawmk4	c17_54.rawmk4
18_04.rawmk4	19_06.rawmk4	20_08.rawmk4	21_10.rawmk4	