
Mauna Loa Solar Observatory Observer's Log

Wed Apr 21 16:50:21 GMT 1999

Year: 99 Doy: 111

Observer: koon

WEATHER COMMENT: Wed Apr 21 16:51:03 GMT 1999

Clear sky, wind=5 mph from the SW, temp=40 F.

Wed Apr 21 16:51:58 GMT 1999 CHIP Startup--Initializing new tape

Wed Apr 21 16:55:15 GMT 1999 MKIII Start Patrol

Wed Apr 21 16:55:23 GMT 1999 PICS Start Patrol

Wed Apr 21 16:55:23 GMT 1999 PICS Start Patrol

Wed Apr 21 17:01:58 GMT 1999 CHIP Bias

Wed Apr 21 17:02:37 GMT 1999 PICS Flat

Wed Apr 21 17:02:55 GMT 1999 CHIP End Bias

Wed Apr 21 17:03:04 GMT 1999 CHIP Water

Wed Apr 21 17:03:45 GMT 1999 CHIP End Water

Wed Apr 21 17:04:05 GMT 1999 PICS End Flat

MKIV PROBLEM: Wed Apr 21 17:25:04 GMT 1999

The Sony monitor used for realtime scan displays went dark and the green power LED was blinking. I cycled the power switch and it came back up OK.

MKIII PROBLEM: Wed Apr 21 17:33:10 GMT 1999

The scans still look unevenly illuminated from East to West, a lot brighter on the East half of the MK3 scans. The sky is fairly bright again today, and it's time for me to clean the O1 again, some construction related dust must have settled on it during the dome floor upgrade.

Wed Apr 21 18:00:58 GMT 1999 CHIP Bias

Wed Apr 21 18:01:52 GMT 1999 CHIP End Bias

Wed Apr 21 18:02:01 GMT 1999 CHIP Water

Wed Apr 21 18:02:40 GMT 1999 CHIP End Water

Wed Apr 21 18:02:40 GMT 1999 CHIP End Water

Wed Apr 21 18:04:27 GMT 1999 PICS End Flat

MLSO PROBLEM: Wed Apr 21 18:28:09 GMT 1999

I checked the "e" disk drive to see if I could hear it spinning. I found that the cooling fan was not spinning but I could hear a soft high pitched sound coming from the drive, so maybe it was spinning. I pushed the fan and it started spinning again.

MKIII PROBLEM: Wed Apr 21 18:44:40 GMT 1999

Uneven illumination of scans is fading as the sun rises higher into darker area of sky.

Wed Apr 21 19:00:53 GMT 1999 CHIP Bias

Wed Apr 21 19:01:47 GMT 1999 CHIP End Bias

Wed Apr 21 19:02:04 GMT 1999 CHIP Water

Wed Apr 21 19:02:40 GMT 1999 PICS Flat

Wed Apr 21 19:02:46 GMT 1999 CHIP End Water

Wed Apr 21 19:04:10 GMT 1999 PICS End Flat

Wed Apr 21 19:05:17 GMT 1999 MKIII Start Patrol

Wed Apr 21 20:00:47 GMT 1999 CHIP Gain

Wed Apr 21 20:02:34 GMT 1999 PICS Flat
Wed Apr 21 20:04:01 GMT 1999 PICS End Flat
Wed Apr 21 20:05:08 GMT 1999 CHIP End Gain
Wed Apr 21 20:05:20 GMT 1999 CHIP Bias
Wed Apr 21 20:06:11 GMT 1999 CHIP End Bias
Wed Apr 21 20:06:36 GMT 1999 CHIP Water
Wed Apr 21 20:07:17 GMT 1999 CHIP End Water

COMMENT: Wed Apr 21 20:31:06 GMT 1999

Extended the dome slot.

Wed Apr 21 21:02:16 GMT 1999 CHIP Bias
Wed Apr 21 21:02:40 GMT 1999 PICS Flat
Wed Apr 21 21:03:11 GMT 1999 CHIP End Bias
Wed Apr 21 21:03:21 GMT 1999 CHIP Water
Wed Apr 21 21:04:00 GMT 1999 CHIP End Water
Wed Apr 21 21:04:16 GMT 1999 PICS End Flat

COMMENT: Wed Apr 21 21:08:48 GMT 1999

Lost guiding in dec on Spar. I had to add a weight to the front of the Spar for balance.

WEATHER COMMENT: Wed Apr 21 21:30:12 GMT 1999

Orographic clouds are starting to pass over.

Wed Apr 21 22:00:01 GMT 1999 PICS End Patrol
Wed Apr 21 22:02:20 GMT 1999 CHIP Bias
Wed Apr 21 22:03:37 GMT 1999 CHIP End Bias
Wed Apr 21 22:03:47 GMT 1999 CHIP Water
Wed Apr 21 22:04:35 GMT 1999 CHIP End Water
Wed Apr 21 22:05:57 GMT 1999 MKIII End Patrol
Wed Apr 21 22:35:57 GMT 1999 CHIP ending tape
Wed Apr 21 23:02:19 GMT 1999 CHIP Bias
Wed Apr 21 23:03:17 GMT 1999 CHIP End Bias
Wed Apr 21 23:03:27 GMT 1999 CHIP Water
Wed Apr 21 23:04:14 GMT 1999 CHIP End Water

COMMENT: Wed Apr 21 23:26:41 GMT 1999

I had to rebalance the Spar, adding the weight balanced it in dec but unbalanced it in RA. It took a while but it is balanced well enough now that it should track well, until something new gets added to or something gets taken from the instruments. Overall I had to add weight to balance it, but only about 5-10 pounds.

CHIP PROBLEM: Wed Apr 21 23:30:57 GMT 1999

Once again this instrument has mysteriously restarted itself after I ended the observations and ejected the tape, it's even giving a Tape I/O error message on the screen. I'll use Kill to stop it.

MKIV PROBLEM: Wed Apr 21 23:37:44 GMT 1999

After I shutdown Nahenahe I will do some testing on the "e" hard disk drive.

COMMENT: Wed Apr 21 23:41:00 GMT 1999

TAPES:

MKIV: 99111

CHIP: C00829
PICS: P01417
LOWL: L00594 in drive #0

Wed Apr 21 23:42:16 GMT 1999
MkIII

16_55.rawmk3	17_59.rawmk3	19_15.rawmk3	20_19.rawmk3	21_24.rawmk3
16_58.rawmk3	18_03.rawmk3	19_18.rawmk3	20_22.rawmk3	21_27.rawmk3
17_01.rawmk3	18_06.rawmk3	19_21.rawmk3	20_26.rawmk3	21_30.rawmk3
17_05.rawmk3	18_09.rawmk3	19_24.rawmk3	20_29.rawmk3	21_33.rawmk3
17_08.rawmk3	18_12.rawmk3	19_28.rawmk3	20_32.rawmk3	21_37.rawmk3
17_11.rawmk3	18_16.rawmk3	19_31.rawmk3	20_35.rawmk3	21_40.rawmk3
17_14.rawmk3	18_19.rawmk3	19_34.rawmk3	20_38.rawmk3	21_43.rawmk3
17_18.rawmk3	18_22.rawmk3	19_37.rawmk3	20_42.rawmk3	21_46.rawmk3
17_21.rawmk3	18_25.rawmk3	19_40.rawmk3	20_45.rawmk3	21_49.rawmk3
17_24.rawmk3	18_29.rawmk3	19_44.rawmk3	20_48.rawmk3	21_53.rawmk3
17_27.rawmk3	18_32.rawmk3	19_47.rawmk3	20_51.rawmk3	21_56.rawmk3
17_30.rawmk3	18_35.rawmk3	19_50.rawmk3	20_55.rawmk3	21_59.rawmk3
17_34.rawmk3	18_38.rawmk3	19_53.rawmk3	20_58.rawmk3	22_02.rawmk3
17_37.rawmk3	18_41.rawmk3	19_57.rawmk3	21_01.rawmk3	c18_45.rawmk3
17_40.rawmk3	18_48.rawmk3	20_00.rawmk3	21_04.rawmk3	c18_51.rawmk3
17_43.rawmk3	18_55.rawmk3	20_03.rawmk3	21_08.rawmk3	c18_58.rawmk3
17_47.rawmk3	19_02.rawmk3	20_06.rawmk3	21_11.rawmk3	
17_50.rawmk3	19_05.rawmk3	20_09.rawmk3	21_14.rawmk3	
17_53.rawmk3	19_08.rawmk3	20_13.rawmk3	21_17.rawmk3	
17_56.rawmk3	19_11.rawmk3	20_16.rawmk3	21_20.rawmk3	