
Mauna Loa Solar Observatory Observer's Log

Wed Jan 10 17:46:24 GMT 2001
Year: 01 Doy: 010
Observer: koon
Wed Jan 10 18:02:49 GMT 2001 CHIP Startup--Initializing new tape
Wed Jan 10 18:08:48 GMT 2001 CHIP Start 7 Passband Patrol
WEATHER COMMENT: Wed Jan 10 18:09:12 GMT 2001
Clear sky, wind=5 mph from the SE, temp=38 F.
MKIV PROBLEM: Wed Jan 10 18:09:39 GMT 2001
Delayed in starting due to talking with Kim about possible MK4 problems.
I looked at the O1 and it looks like I left it except its now a lot dirtier
than I had it, maybe that extra scattered light is accounting for the
change in signal seen after Eric checked the O1. It's still cleaner than
before I cleaned it on Sunday but it could use a cleaning again. Tha sky
transmission is at about 1328, which is about what I saw after cleaning the
O1 on Sunday. The O-scope signal is about what it looked like late in the
day on Sunday, but it would probably be a lower signal this early if the
lens were still clean.
MKIV PROBLEM: Wed Jan 10 19:33:47 GMT 2001
Talked to Kim again, it looks like there is no problem on this end with the
MK4 related to my cleaning of the O1. I think that the big change in the
data amplitudes caused some concern that something was done erroneously
by me when I cleaned the O1, in the past there have been surprised reactions
after changes in amplitudes related to O1 cleaning and I'm fairly sure that
there are probably software scaling problems that need to be worked out. Those
scaling factors were probably set when the O1 was dirty and therefore things
are looking more normal with a slightly dirty lens now. I'll leave the O1
where it is, about mid-dirty, if it were twice as dirty I would say it
needs to be cleaned. So if those calibration scaling factors are adjusted
for this mid-dirty condition then that might be the ideal setting. Then I
can reclean the lens again. I checked the Sky transmission and it looked
normal at around 1325 on the readout, 321 on the GUI, and 3.200 volts on the
GUI. I covered the Sky transmission telescope objective about half way and the
readout became 610, the GUI became 151, and the GUI voltage became 1.480,
which I guess is normal, I did this at Kim's request because it looks like
the Sky transmission reading that is used in Boulder is pegged at a high reading
We are guessing that the 321 reading is what is used. I will now go up
in the dome and remove the partial block and clean the window for the
Sky Transmission telescope in hopes that will bring the reading down
from a pegged high position due to less scattered light on that.
MKIV PROBLEM: Wed Jan 10 19:52:40 GMT 2001
Cleaning the Sky Transmission telescope objective window caused an increase
in the reading in all areas. Readout went from 1325 to 1455, GUI went from
321 to 336 (so apparently the 321 reading wasn't a pegged reading) and the
GUI voltage went from 3.200 to 3.345. All readings are still varying and
there is no evidence of something being pegged. Yet in the data is was

mentioned that the sky transmission values appear pegged. All looks well
on the hardware side of MK4.
Wed Jan 10 19:58:11 GMT 2001   PICS   Start Patrol
PICS PROBLEM: Wed Jan 10 19:58:15 GMT 2001
Just noticed that this didn't start up beyond Program:Init, did Kill/Run
cycle to restart. Didn't notice this earlier due to concentration on
possible MK4 problems.
Wed Jan 10 20:01:57 GMT 2001   PICS   Start Patrol
Wed Jan 10 20:02:49 GMT 2001   CHIP   LSD
Wed Jan 10 20:05:36 GMT 2001   CHIP   End LSD
Wed Jan 10 20:05:45 GMT 2001   CHIP   BiasLSD
Wed Jan 10 20:06:32 GMT 2001   CHIP   End BiasLSD
Wed Jan 10 20:06:48 GMT 2001   CHIP   Bias7
Wed Jan 10 20:07:51 GMT 2001   CHIP   End Bias7
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Jan 10 21:19:24 GMT 2001
Wed Jan 10 22:03:55 GMT 2001   PICS   End Patrol
Wed Jan 10 22:06:40 GMT 2001   CHIP   End Patrol
Wed Jan 10 22:07:03 GMT 2001   CHIP   FrontEnd finished.
Wed Jan 10 22:09:38 GMT 2001
        MkIV

18_13.rawmk4	19_05.rawmk4	20_00.rawmk4	20_47.rawmk4	21_35.rawmk4
18_17.rawmk4	19_12.rawmk4	20_03.rawmk4	20_50.rawmk4	21_38.rawmk4
18_21.rawmk4	19_18.rawmk4	20_06.rawmk4	20_53.rawmk4	21_41.rawmk4
18_24.rawmk4	19_21.rawmk4	20_09.rawmk4	20_56.rawmk4	21_44.rawmk4
18_27.rawmk4	19_24.rawmk4	20_12.rawmk4	20_59.rawmk4	21_46.rawmk4
18_30.rawmk4	19_27.rawmk4	20_15.rawmk4	21_02.rawmk4	21_49.rawmk4
18_33.rawmk4	19_30.rawmk4	20_17.rawmk4	21_05.rawmk4	21_52.rawmk4
18_36.rawmk4	19_33.rawmk4	20_20.rawmk4	21_08.rawmk4	21_55.rawmk4
18_39.rawmk4	19_36.rawmk4	20_23.rawmk4	21_11.rawmk4	21_58.rawmk4
18_42.rawmk4	19_39.rawmk4	20_26.rawmk4	21_14.rawmk4	22_01.rawmk4
18_44.rawmk4	19_42.rawmk4	20_29.rawmk4	21_17.rawmk4	22_04.rawmk4
18_47.rawmk4	19_45.rawmk4	20_32.rawmk4	21_20.rawmk4	c19_02.rawmk4
18_50.rawmk4	19_48.rawmk4	20_35.rawmk4	21_23.rawmk4	c19_09.rawmk4
18_53.rawmk4	19_51.rawmk4	20_38.rawmk4	21_26.rawmk4	c19_15.rawmk4
18_56.rawmk4	19_54.rawmk4	20_41.rawmk4	21_29.rawmk4	
18_59.rawmk4	19_57.rawmk4	20_44.rawmk4	21_32.rawmk4	