
Mauna Loa Solar Observatory Observer's Log

Thu Aug 19 16:51:27 GMT 1999

Year: 99 Doy: 231

Observer: koon

WEATHER COMMENT: Thu Aug 19 16:51:35 GMT 1999

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

itializing new tape

Thu Aug 19 16:56:08 GMT 1999 MKIV Start Patrol

Thu Aug 19 16:56:19 GMT 1999 CHIP CHIP Start Patrol

Thu Aug 19 16:56:19 GMT 1999 CHIP CHIP Start Patrol

MKIV COMMENT: Thu Aug 19 17:00:54 GMT 1999

No radial streaks on the first scan this morning.

Thu Aug 19 17:02:54 GMT 1999 CHIP Bias

Thu Aug 19 17:03:58 GMT 1999 CHIP End Bias

Thu Aug 19 17:04:20 GMT 1999 CHIP Water

Thu Aug 19 17:04:59 GMT 1999 CHIP End Water

Thu Aug 19 18:00:59 GMT 1999 PICS Flat

Thu Aug 19 18:02:53 GMT 1999 CHIP Bias

Thu Aug 19 18:03:32 GMT 1999 PICS End Flat

Thu Aug 19 18:03:50 GMT 1999 CHIP End Bias

Thu Aug 19 18:04:11 GMT 1999 CHIP Water

Thu Aug 19 18:05:02 GMT 1999 CHIP End Water

MLSO PROBLEM: Thu Aug 19 18:08:19 GMT 1999

Network connection to Boulder is down, but it was working this morning.

MKIV COMMENT: Thu Aug 19 18:09:04 GMT 1999

Will do another Correct then 2 Calibrations like yesterday to test some new code.

Thu Aug 19 18:13:03 GMT 1999 MKIV End Correct

Thu Aug 19 18:13:11 GMT 1999 MKIV Start Correct

Thu Aug 19 18:14:39 GMT 1999 MKIV End Correct

Thu Aug 19 18:15:07 GMT 1999 MKIV Start Cal

Thu Aug 19 18:38:19 GMT 1999 MKIV End Cal

Thu Aug 19 18:46:53 GMT 1999 MKIV Start Patrol

MKIV PROBLEM: Thu Aug 19 18:47:02 GMT 1999

Correct lokked bad, I tried another and the graph on the MCP monitor still

looked bad, the plot would diverge instead of converge. I tried a Calibration but the scans looked like concentric rings of noise. I told David, then

reloaded the old correctors and restarted Patrol for now. We need the network back up so he can look at some things from there.

MLSO PROBLEM: Thu Aug 19 18:53:10 GMT 1999

NOAA said the problem may be a massive one originating in Manoa.

Darryl (their network admin. guy) will be up here in about 45 minutes.

Thu Aug 19 19:01:56 GMT 1999 PICS polarization_calibration

Thu Aug 19 19:02:56 GMT 1999 CHIP Bias

Thu Aug 19 19:03:56 GMT 1999 CHIP End Bias

Thu Aug 19 19:04:06 GMT 1999 CHIP Water

Thu Aug 19 19:04:46 GMT 1999 CHIP End Water
Thu Aug 19 19:32:13 GMT 1999 MKIV End Patrol
Thu Aug 19 19:37:03 GMT 1999 MKIV Start Patrol
MKIV COMMENT: Thu Aug 19 19:59:23 GMT 1999
More new code came over, stopped, Reset KCC again, will run a Correct
then 2 Calibrations again.
Thu Aug 19 20:00:17 GMT 1999 MKIV Start Correct
COMMENT: Thu Aug 19 20:01:21 GMT 1999
The Correct graph looks a lot better this time.
ect
Thu Aug 19 20:01:47 GMT 1999 MKIV Start Cal
Thu Aug 19 20:02:49 GMT 1999 CHIP Gain
Thu Aug 19 20:07:18 GMT 1999 CHIP End Gain
Thu Aug 19 20:07:28 GMT 1999 CHIP Bias
Thu Aug 19 20:08:17 GMT 1999 CHIP End Bias
Thu Aug 19 20:08:27 GMT 1999 CHIP Water
Thu Aug 19 20:09:02 GMT 1999 CHIP End Water
COMMENT: Thu Aug 19 20:25:49 GMT 1999
Extended the dome slot.
Thu Aug 19 20:26:09 GMT 1999 MKIV Start Cal
MKIV PROBLEM: Thu Aug 19 20:26:32 GMT 1999
Couldn't get a Calibration, MCP stalled. Reset Kcc, then MCP monitor wouldn't
come up, it stayed in Power Saving Mode. Reset KCC again and MCP monitor came up OK
but then the barrel got stuck at a limit. Turned off the analog power and the power
strip up in the dome and repointed barrel to other extreme limit then turned on
power strip and analog power. After the barrel stopped at 176 successfully and
the MCP monitor was working I started the first of 2 Calibrations.
WEATHER COMMENT: Thu Aug 19 20:48:41 GMT 1999
Orographic clouds are starting to pass over.
Thu Aug 19 20:56:02 GMT 1999 MKIV Start Cal
MKIV COMMENT: Thu Aug 19 20:56:06 GMT 1999
Starting 2nd cal.
Thu Aug 19 21:19:30 GMT 1999 MKIV End Cal
Thu Aug 19 21:24:50 GMT 1999 MKIV Start Patrol
MKIV COMMENT: Thu Aug 19 21:24:59 GMT 1999
Starting Patrol again. The 2 calibrations were corrupted in parts
by clouds.
Thu Aug 19 22:15:10 GMT 1999 PICS End Patrol
CHIP PROBLEM: Thu Aug 19 22:17:26 GMT 1999
Crashed with Optics:Busy stall, not sure when, sometime before 2100.
Too busy with other things to notice the crash. Will do a Kill/Run
cycle then exit.
Thu Aug 19 22:25:10 GMT 1999 CHIP ending tape
COMMENT: Thu Aug 19 22:34:13 GMT 1999

TAPES:

MKIV: 99231

PICS: P01522
CHIP: C00899
LOWL: L00620 in drive #0

Thu Aug 19 22:36:19 GMT 1999
MkIII

16_56.rawmk3	17_44.rawmk3	18_58.rawmk3	20_30.rawmk3	21_51.rawmk3
16_59.rawmk3	17_48.rawmk3	19_02.rawmk3	20_38.rawmk3	21_54.rawmk3
17_03.rawmk3	17_52.rawmk3	19_05.rawmk3	20_45.rawmk3	21_58.rawmk3
17_07.rawmk3	17_56.rawmk3	19_09.rawmk3	21_00.rawmk3	c18_15.rawmk3
17_11.rawmk3	17_59.rawmk3	19_13.rawmk3	21_07.rawmk3	c18_22.rawmk3
17_15.rawmk3	18_03.rawmk3	19_17.rawmk3	21_15.rawmk3	c18_30.rawmk3
17_18.rawmk3	18_07.rawmk3	19_21.rawmk3	21_24.rawmk3	c20_26.rawmk3
17_22.rawmk3	18_18.rawmk3	19_24.rawmk3	21_28.rawmk3	c20_34.rawmk3
17_26.rawmk3	18_26.rawmk3	19_28.rawmk3	21_32.rawmk3	c20_41.rawmk3
17_29.rawmk3	18_34.rawmk3	19_37.rawmk3	21_36.rawmk3	c20_56.rawmk3
17_33.rawmk3	18_47.rawmk3	19_41.rawmk3	21_39.rawmk3	c21_03.rawmk3
17_37.rawmk3	18_50.rawmk3	19_45.rawmk3	21_43.rawmk3	c21_11.rawmk3
17_41.rawmk3	18_54.rawmk3	19_48.rawmk3	21_47.rawmk3	