
Mauna Loa Solar Observatory Observer's Log

Sun Oct 19 17:08:07 GMT 1997

Year: 97 Doy: 292

Observer: koon

WEATHER COMMENT: Sun Oct 19 17:08:10 GMT 1997

Clear sky, wind=5 mph from the South, temp=43 F.

MKIII COMMENT: Sun Oct 19 17:08:28 GMT 1997

Kept getting "No tape unit detected" on the Akamai window, reset the KCC to fix.

Sun Oct 19 17:12:30 GMT 1997 MKIII Start Patrol

Sun Oct 19 17:12:49 GMT 1997 PICS Start Patrol

MKIII COMMENT: Sun Oct 19 17:25:55 GMT 1997

The O1 guiding was off again. I tried moving around the spar while watching the image on the occulter and the O1 mechanism movement to see if things were working correctly. Suddenly all O1 guiding stopped, no chatter or motor movement was visible but the spar tracking kept the occulter centered, so I left it that way. I've seen this happen before, where it looks like there is no O1 guiding but the OCP O1 scales show slight movement and so does the Oscilloscope display above those. Maybe those are all measures of the signal that the O1 guider sensors see, and not a measure of what the O1 is actually doing. Or maybe the O1 is moving very slightly? Whatever is going on the scans always look better when this happens, maybe we don't need the O1 guiders?

COMMENT: Sun Oct 19 17:32:55 GMT 1997

I didn't make it up to MLSO to observe yesterday. The brakes on the GSA car were extremely worn down, so I avoided further damage and used the day to try to find a place that could fix them on a Saturday. It ended up taking all day as I figured, this has happened before. I am setting up another account with a company that is open all day on Saturdays and Sundays (Firestone). Ralph's shop is the best but he doesn't work on Sunday and sometimes doesn't work on Saturdays. So emergency repairs in the future should go more smoothly and waste less time.

MKIII COMMENT: Sun Oct 19 17:42:12 GMT 1997

I disconnected the power to the O1 guider motors but the OCP O1 scales and O-scope display are still moving. So those actually show what the O1 guider sensors are seeing at the occulting disk, which is basically what the spar guider is doing. I will leave them disconnected to see what the scans look like today.

Sun Oct 19 18:01:24 GMT 1997 PICS Flat

Sun Oct 19 18:02:47 GMT 1997 PICS End Flat

Sun Oct 19 19:01:29 GMT 1997 PICS Flat

Sun Oct 19 19:02:53 GMT 1997 PICS End Flat

Sun Oct 19 20:01:23 GMT 1997 PICS Flat

Sun Oct 19 20:02:50 GMT 1997 PICS End Flat

Sun Oct 19 21:01:26 GMT 1997 PICS Flat

Sun Oct 19 21:02:50 GMT 1997 PICS End Flat
Sun Oct 19 21:43:59 GMT 1997 PICS End Patrol

COMMENT: Sun Oct 19 22:22:49 GMT 1997

Tar command didn't work, didn't copy files from Yesterday directory to tape.
Sent info about error message to David and Alice.

MKIII COMMENT: Sun Oct 19 22:23:55 GMT 1997

Drive gear on E-W O1 guider motor is stripped this time, I replaced the N-S gear a few months ago. I removed the drive assembly for E-W direction.

I will bring up the spare gears from the machine shop downtown where I was working on them. Will try to install assembly on Wednesday, my next day up here. The N-S O1 guider assembly is still hooked up. Will have to adjust occulting by adjusting the spar guiding until I can fix the E-W assembly. Scans were affected by my experimenting earlier, occulting got bad around 2130, so most of the day was OK.

MKIII COMMENT: Sun Oct 19 22:37:15 GMT 1997

I didn't see any write errors, there was tape drive activity (LEDs), and the tape did pop out of the drive today.

Sun Oct 19 22:43:01 GMT 1997

MkIII

17_12.rawmk3	18_08.rawmk3	19_14.rawmk3	20_09.rawmk3	21_05.rawmk3
17_15.rawmk3	18_14.rawmk3	19_17.rawmk3	20_12.rawmk3	21_08.rawmk3
17_18.rawmk3	18_20.rawmk3	19_20.rawmk3	20_15.rawmk3	21_11.rawmk3
17_21.rawmk3	18_27.rawmk3	19_23.rawmk3	20_18.rawmk3	21_14.rawmk3
17_24.rawmk3	18_30.rawmk3	19_25.rawmk3	20_21.rawmk3	21_17.rawmk3
17_27.rawmk3	18_33.rawmk3	19_28.rawmk3	20_24.rawmk3	21_19.rawmk3
17_30.rawmk3	18_36.rawmk3	19_31.rawmk3	20_27.rawmk3	21_22.rawmk3
17_33.rawmk3	18_39.rawmk3	19_34.rawmk3	20_30.rawmk3	21_25.rawmk3
17_36.rawmk3	18_42.rawmk3	19_37.rawmk3	20_33.rawmk3	21_28.rawmk3
17_39.rawmk3	18_45.rawmk3	19_40.rawmk3	20_36.rawmk3	21_31.rawmk3
17_42.rawmk3	18_47.rawmk3	19_43.rawmk3	20_39.rawmk3	21_34.rawmk3
17_45.rawmk3	18_50.rawmk3	19_46.rawmk3	20_41.rawmk3	21_37.rawmk3
17_47.rawmk3	18_53.rawmk3	19_49.rawmk3	20_44.rawmk3	21_40.rawmk3
17_50.rawmk3	18_56.rawmk3	19_52.rawmk3	20_47.rawmk3	21_43.rawmk3
17_53.rawmk3	18_59.rawmk3	19_55.rawmk3	20_50.rawmk3	21_46.rawmk3
17_56.rawmk3	19_02.rawmk3	19_58.rawmk3	20_53.rawmk3	c18_11.rawmk3
17_59.rawmk3	19_05.rawmk3	20_01.rawmk3	20_56.rawmk3	c18_17.rawmk3
18_02.rawmk3	19_08.rawmk3	20_03.rawmk3	20_59.rawmk3	c18_24.rawmk3
18_05.rawmk3	19_11.rawmk3	20_06.rawmk3	21_02.rawmk3	