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Mauna Loa Solar Observatory Observer's Log  
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Sun Jan 21 17:39:57 GMT 2001

Year: 01 Doy: 021

Observer: koon

WEATHER COMMENT: Sun Jan 21 17:39:58 GMT 2001

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

Sun Jan 21 17:40:43 GMT 2001 CHIP Startup--Initializing new tape

Sun Jan 21 17:44:22 GMT 2001 CHIP Start 7 Passband Patrol

Sun Jan 21 17:44:26 GMT 2001 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Jan 21 17:45:45 GMT 2001

Sun Jan 21 18:02:15 GMT 2001 PICS Flat

Sun Jan 21 18:05:53 GMT 2001 PICS End Flat

Sun Jan 21 20:02:38 GMT 2001 CHIP LSD

Sun Jan 21 20:05:28 GMT 2001 CHIP End LSD

Sun Jan 21 20:05:44 GMT 2001 CHIP BiasLSD

Sun Jan 21 20:06:33 GMT 2001 CHIP End BiasLSD

Sun Jan 21 20:06:47 GMT 2001 CHIP Bias7

Sun Jan 21 20:07:42 GMT 2001 CHIP End Bias7

COMMENT: Sun Jan 21 20:50:06 GMT 2001

Dec guiding isn't steady, trying to find the problem.

COMMENT: Sun Jan 21 21:18:29 GMT 2001

I added a little more weight to the back end of the spar than the weight Eric added when he noticed guiding problems last week, I also tightened the Dec clamp a little. It is holding steady but the spar Dec meter readout is not centered, it is near the bottom, Eric said he noticed this last week too.

COMMENT: Sun Jan 21 21:28:33 GMT 2001

The dec guiding is still bad. I moved it through its range and didn't notice any binding. Resetting the dec guider and repointing is only a temporary fix. Pausing instruments while I check this deeper.

Sun Jan 21 21:32:43 GMT 2001 CHIP End Patrol

Sun Jan 21 21:33:00 GMT 2001 PICS End Patrol

\*\*MLSO PROBLEM\*\* Sun Jan 21 21:54:42 GMT 2001

The dec guider isn't working. I tried changing balance and tightening the dec clutch but that didn't help. Using the PICS video feature I can see that the apparent motion of the sun is northward, that means the front end could be dropping Very Slowly, or maybe the dec isn't driving at all and the apparent motion is due to polar axis misalignment that becomes apparent when only the RA is tracking. I guess the dec could be driving very slowly off the sun, but I doubt that because the dec meter readout also goes out of range as the dec guiding goes off. I'm running out of time today and can't work overtime so this will probably be a problem tomorrow, but since this happened to Eric earlier and was fine for me after that (until today) this could be intermittent.

Sun Jan 21 22:07:47 GMT 2001 CHIP FrontEnd finished.

Sun Jan 21 22:19:44 GMT 2001

MkIV

17_44.rawmk4	18_41.rawmk4	19_29.rawmk4	20_16.rawmk4	21_04.rawmk4
17_47.rawmk4	18_44.rawmk4	19_32.rawmk4	20_19.rawmk4	21_07.rawmk4
17_50.rawmk4	18_47.rawmk4	19_35.rawmk4	20_22.rawmk4	21_09.rawmk4
17_53.rawmk4	18_50.rawmk4	19_38.rawmk4	20_25.rawmk4	21_12.rawmk4
17_56.rawmk4	18_53.rawmk4	19_41.rawmk4	20_28.rawmk4	21_15.rawmk4
17_59.rawmk4	18_56.rawmk4	19_43.rawmk4	20_31.rawmk4	21_18.rawmk4
18_02.rawmk4	18_59.rawmk4	19_46.rawmk4	20_34.rawmk4	21_21.rawmk4
18_05.rawmk4	19_02.rawmk4	19_49.rawmk4	20_37.rawmk4	21_24.rawmk4
18_08.rawmk4	19_05.rawmk4	19_52.rawmk4	20_40.rawmk4	21_27.rawmk4
18_11.rawmk4	19_08.rawmk4	19_55.rawmk4	20_43.rawmk4	21_30.rawmk4
18_14.rawmk4	19_11.rawmk4	19_58.rawmk4	20_46.rawmk4	21_33.rawmk4
18_17.rawmk4	19_14.rawmk4	20_01.rawmk4	20_49.rawmk4	c18_26.rawmk4
18_20.rawmk4	19_17.rawmk4	20_04.rawmk4	20_52.rawmk4	c18_32.rawmk4
18_23.rawmk4	19_20.rawmk4	20_07.rawmk4	20_55.rawmk4	c18_38.rawmk4
18_29.rawmk4	19_23.rawmk4	20_10.rawmk4	20_58.rawmk4	
18_35.rawmk4	19_26.rawmk4	20_13.rawmk4	21_01.rawmk4	