
Mauna Loa Solar Observatory Observer's Log

Sun Mar 24 17:32:58 GMT 2002

Year: 02 Doy: 083

Observer: koon

WEATHER COMMENT: Sun Mar 24 17:32:56 GMT 2002

Scattered cirrus and low clouds blowing over, wind=25 mph from the SW, temp=45F

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sun Mar 24 17:33:39 GMT 2002

Sun Mar 24 18:04:18 GMT 2002 PICS Flat
Sun Mar 24 18:07:00 GMT 2002 PICS End Flat
Sun Mar 24 19:00:19 GMT 2002 CHIP LSD
Sun Mar 24 19:02:24 GMT 2002 CHIP End LSD
Sun Mar 24 19:02:30 GMT 2002 CHIP BiasLSD
Sun Mar 24 19:03:10 GMT 2002 CHIP End BiasLSD
Sun Mar 24 19:03:16 GMT 2002 CHIP Bias
Sun Mar 24 19:03:56 GMT 2002 CHIP End Bias
Sun Mar 24 19:48:45 GMT 2002 MKIV Start Patrol

WEATHER COMMENT: Sun Mar 24 19:56:00 GMT 2002

The clouds have cleared, starting the rest of the instruments.

Sun Mar 24 20:00:56 GMT 2002 MKIV End Patrol

Sun Mar 24 20:01:08 GMT 2002 MKIV Start Cal

PSPT COMMENT: Sun Mar 24 20:06:37 GMT 2002

Observing.

Sun Mar 24 20:19:58 GMT 2002 MKIV End Cal

Sun Mar 24 20:20:10 GMT 2002 MKIV Start Patrol

PSPT PROBLEM Sun Mar 24 20:16:13 GMT 2002

I fixed a mirror oscillation problem that has been getting worse lately. I had to move the telephoto lens toward the Quadcell slightly to get the fast mirror to work correctly, I marked the previous position with metal tape. There is a sliding lock that also helps to keep the lens in position and I moved that too. The telephoto adjustment has sometimes not given enough adjustment to quiet the mirror oscillations, and lately this has been happening so often that we weren't making use of the fast mirror and often didn't have the image centered. At first it looked like software was the only cause because I couldn't catch the mirror oscillating when the error messages said it was. But now that Alice has refined the software so much and maybe partly because the problem was happening more often I was able to catch it oscillating and adjust it while it was oscillating. This should give much improvement to the image centering before data sequences, and hopefully will also improve the data.

WEATHER COMMENT: Sun Mar 24 21:10:10 GMT 2002

Thin to medium cirrostratus, and increasing in thickness.

MKIV COMMENT: Sun Mar 24 21:11:11 GMT 2002

Pausing due to clouds.

Sun Mar 24 21:13:53 GMT 2002 MKIV End Patrol

WEATHER COMMENT: Sun Mar 24 21:20:15 GMT 2002

Clouds too thick for spar to track, pausing instruments.

Sun Mar 24 21:21:15 GMT 2002 CHIP End Patrol
Sun Mar 24 21:21:51 GMT 2002 PICS End Patrol
Sun Mar 24 21:45:55 GMT 2002
MkIV

19_48.rawmk4	20_16.rawmk4	20_34.rawmk4	20_52.rawmk4	c20_01.rawmk4
19_51.rawmk4	20_20.rawmk4	20_37.rawmk4	20_55.rawmk4	c20_07.rawmk4
19_54.rawmk4	20_23.rawmk4	20_40.rawmk4	20_58.rawmk4	c20_13.rawmk4
19_57.rawmk4	20_26.rawmk4	20_43.rawmk4	21_01.rawmk4	
20_04.rawmk4	20_28.rawmk4	20_46.rawmk4	21_04.rawmk4	
20_10.rawmk4	20_31.rawmk4	20_49.rawmk4	21_07.rawmk4	