Mauna Loa Solar Observatory Observer's Log _____ Tue Apr 17 16:55:46 GMT 2012 Year: 12 Doy: 108 Observer: koon WEATHER COMMENT: Tue Apr 17 16:55:47 GMT 2012 Thin cirrostratus overcast and scattered cirrus, wind=25+ mph from the SE, temp=38F. end Tue Apr 17 17:04:51 GMT 2012 H-ALPHA Start Patrol Tue Apr 17 17:03:43 GMT 2012 CHIP Start Patrol Tue Apr 17 18:00:53 GMT 2012 CHIP LSD Tue Apr 17 18:02:39 GMT 2012 CHIP End LSD Tue Apr 17 18:02:45 GMT 2012 CHIP BiasLSD Tue Apr 17 18:03:22 GMT 2012 CHIP End BiasLSD Tue Apr 17 18:03:28 GMT 2012 CHIP Bias Tue Apr 17 18:03:57 GMT 2012 CHIP End Bias Tue Apr 17 18:04:03 GMT 2012 CHIP ReStart Patrol Tue Apr 17 18:19:38 GMT 2012 MKIV Start Cal WEATHER COMMENT: Tue Apr 17 18:23:20 GMT 2012 Cirrostratus has cleared, starting coronal instruments. end Tue Apr 17 18:23:54 GMT 2012 COMP Start Patrol Tue Apr 17 18:31:13 GMT 2012: PSPT Start Patrol **GONG PROBLEM COMMENT BY DARRYL**: Tue Apr 17 18:31:58 GMT 2012 Turret was oscillating, I turned off the guider for 2 minutes then turned it back on, image drifted off and then recentered and continued to oscillate. Turned the guider off then on quickly and still had oscillations. It is very windy today. end Tue Apr 17 18:38:22 GMT 2012 MKIV End Cal Tue Apr 17 18:38:27 GMT 2012 MKIV Start Patrol Tue Apr 17 21:00:23 GMT 2012 COMP End Patrol Tue Apr 17 21:00:34 GMT 2012 MKIV End Patrol WEATHER COMMENT: Tue Apr 17 21:00:26 GMT 2012 Cirrostratus has increased, pausing coronal instruments. end **GONG PROBLEM COMMENT BY DARRYL**: Tue Apr 17 21:04:33 GMT 2012 I fixed the turret oscillation problem earlier by going to the shelter and stowing/unstowing the instrument. end Tue Apr 17 23:01:41 GMT 2012 CHIP LSD Tue Apr 17 23:03:24 GMT 2012 CHIP End LSD Tue Apr 17 23:03:36 GMT 2012 CHIP BiasLSD Tue Apr 17 23:04:14 GMT 2012 CHIP End BiasLSD Tue Apr 17 23:04:22 GMT 2012 CHIP Bias Tue Apr 17 23:04:54 GMT 2012 CHIP End Bias

Tue Apr 17 23:05:01 GMT 2012 CHIP ReStart Patrol Wed Apr 18 00:54:55 GMT 2012: PSPT Abort Patrol WEATHER COMMENT: Wed Apr 18 01:04:21 GMT 2012 Cirrostratus keeps thickening. ____end_ Wed Apr 18 01:06:34 GMT 2012 H-ALPHA End Patrol Wed Apr 18 01:05:52 GMT 2012 CHIP End Patrol Wed Apr 18 01:27:16 GMT 2012 MkIV 18_22.rawmk4 19_01.rawmk4 19_34.rawmk4 20_10.rawmk4 20_42.rawmk4 18_28.rawmk4 19 04.rawmk4 19_40.rawmk4 20_13.rawmk4 20_45.rawmk4 18_35.rawmk4 19_07.rawmk4 19_43.rawmk4 20_16.rawmk4 20_48.rawmk4 18_38.rawmk4 19_10.rawmk4 19_46.rawmk4 20_19.rawmk4 20_51.rawmk4 18_41.rawmk4 19_13.rawmk4 19_49.rawmk4 20_22.rawmk4 20_54.rawmk4 18 44.rawmk4 19 16.rawmk4 19 52.rawmk4 20 25.rawmk4 20 57.rawmk4 19_55.rawmk4 18_47.rawmk4 19 19.rawmk4 20 27.rawmk4 c18 19.rawmk4 19_58.rawmk4 18 50.rawmk4 19 22.rawmk4 20_30.rawmk4 c18 25.rawmk4 20 33.rawmk4 18 53.rawmk4 19 25.rawmk4 20 01.rawmk4 c18 31.rawmk4 19_28.rawmk4 18_56.rawmk4 20_04.rawmk4 20_36.rawmk4 18_59.rawmk4 19_31.rawmk4 20_07.rawmk4 20_39.rawmk4