
Mauna Loa Solar Observatory Observer's Log

Sun Mar 14 17:04:38 GMT 2010

Year: 10 Doy: 073

Observer: koon

WEATHER COMMENT: Sun Mar 14 17:04:39 GMT 2010

Altocumulus clouds, wind=10 mph from the SE, temp=38F.

____end____

Sun Mar 14 17:18:47 GMT 2010 MKIV Start Patrol

WEATHER COMMENT: Sun Mar 14 17:18:48 GMT 2010

Clouds cleared.

____end____

Sun Mar 14 17:18:53 GMT 2010 CHIP Start Patrol

PSPT COMMENT BY DARRYL: Sun Mar 14 17:49:18 GMT 2010

Observing.

____end____

Sun Mar 14 17:54:28 GMT 2010 MKIV End Patrol

Sun Mar 14 17:54:33 GMT 2010 MKIV Start Cal

Sun Mar 14 18:01:35 GMT 2010 CHIP LSD

Sun Mar 14 18:03:05 GMT 2010 CHIP End LSD

Sun Mar 14 18:03:14 GMT 2010 CHIP BiasLSD

Sun Mar 14 18:04:03 GMT 2010 CHIP End BiasLSD

Sun Mar 14 18:04:12 GMT 2010 CHIP Bias

Sun Mar 14 18:04:58 GMT 2010 CHIP End Bias

Sun Mar 14 18:05:05 GMT 2010 CHIP ReStart Patrol

Sun Mar 14 18:13:15 GMT 2010 MKIV End Cal

Sun Mar 14 18:13:21 GMT 2010 MKIV Start Patrol

NOTE BY DARRYL: Sun Mar 14 20:08:12 GMT 2010

Extended the dome slot. Adjusted the ADR as far North as possible on the CHIP "handle" to prevent vignetting H-alpha telescope in the morning, moved it as far in as possible to reduce possibility of vignetting Mk4 telescope at midday. This is probably about as good as we can align the ADR in its present design, this will favor avoiding vignetting of telescopes in the morning when the data are best and at noon when the dome needs to turn the most, we should try to stay within a few inches of this position. In the afternoon the dome will have to be turned manually as usual, maybe every 20 or 30 minutes. Possibly we can add another dome sensor near the CoMP telescope O1 wired in parallel with the existing dome sensor mounted on CHIP, to get afternoon Automatic Dome Rotation too. I'll discuss the electrical implications with Allen.

____end____

NOTE BY DARRYL: Sun Mar 14 21:51:00 GMT 2010

More ADR tweaking, Mk4 was being vignettted, this new position may cause some H-alpha vignetting in the mid-morning.

____end____

WEATHER COMMENT: Sun Mar 14 22:18:18 GMT 2010

Low clouds are moving in.

___end___

NOTE BY DARRYL: Sun Mar 14 22:18:53 GMT 2010

Tweaked ADR dome sensor back to a location near where I originally put it about on 3/4/10. This spot is the best compromise, that prevents Mk4 vignetting around noon and CHIP and H-alpha vignetting in the morning. The position I tried before this was well North on the CHIP "handle" and allowed midday tracking but the CHIP and H-alpha would have been vignetted a lot in the morning. Where the dome sensor is might need to be tweaked very slightly.

___end___

Sun Mar 14 22:44:41 GMT 2010 CHIP End Patrol

WEATHER COMMENT: Sun Mar 14 22:44:59 GMT 2010

Clouds are getting thick and extensive, fog nearby, paused instruments and closed domes.

___end___

Sun Mar 14 22:49:56 GMT 2010 MKIV End Patrol

PSPT PROBLEM COMMENT BY DARRYL : Mon Mar 15 00:14:35 GMT 2010

Didn't shutdown normally, stalled on pointing instrument back to start position. I manually pointed the dome. I couldn't exit the Pspt GUI window, rebooted Sparc.

___end___

Mon Mar 15 00:36:26 GMT 2010

MkIV

17_18.rawmk4	18_36.rawmk4	19_44.rawmk4	20_52.rawmk4	21_59.rawmk4
17_21.rawmk4	18_39.rawmk4	19_47.rawmk4	20_55.rawmk4	22_02.rawmk4
17_24.rawmk4	18_42.rawmk4	19_50.rawmk4	20_57.rawmk4	22_05.rawmk4
17_27.rawmk4	18_45.rawmk4	19_53.rawmk4	21_00.rawmk4	22_08.rawmk4
17_30.rawmk4	18_48.rawmk4	19_56.rawmk4	21_03.rawmk4	22_11.rawmk4
17_33.rawmk4	18_51.rawmk4	19_59.rawmk4	21_06.rawmk4	22_14.rawmk4
17_36.rawmk4	18_54.rawmk4	20_02.rawmk4	21_09.rawmk4	22_17.rawmk4
17_39.rawmk4	18_57.rawmk4	20_05.rawmk4	21_12.rawmk4	22_20.rawmk4
17_42.rawmk4	19_00.rawmk4	20_07.rawmk4	21_15.rawmk4	22_23.rawmk4
17_45.rawmk4	19_03.rawmk4	20_10.rawmk4	21_18.rawmk4	22_26.rawmk4
17_48.rawmk4	19_06.rawmk4	20_13.rawmk4	21_21.rawmk4	22_29.rawmk4
17_51.rawmk4	19_09.rawmk4	20_16.rawmk4	21_24.rawmk4	22_32.rawmk4
17_57.rawmk4	19_12.rawmk4	20_19.rawmk4	21_27.rawmk4	22_35.rawmk4
18_03.rawmk4	19_15.rawmk4	20_22.rawmk4	21_30.rawmk4	22_37.rawmk4
18_09.rawmk4	19_17.rawmk4	20_25.rawmk4	21_33.rawmk4	22_40.rawmk4
18_13.rawmk4	19_20.rawmk4	20_28.rawmk4	21_36.rawmk4	22_43.rawmk4
18_16.rawmk4	19_23.rawmk4	20_31.rawmk4	21_39.rawmk4	22_46.rawmk4
18_19.rawmk4	19_26.rawmk4	20_34.rawmk4	21_42.rawmk4	c17_54.rawmk4
18_22.rawmk4	19_29.rawmk4	20_37.rawmk4	21_45.rawmk4	c18_00.rawmk4
18_25.rawmk4	19_32.rawmk4	20_40.rawmk4	21_47.rawmk4	c18_06.rawmk4
18_28.rawmk4	19_35.rawmk4	20_43.rawmk4	21_50.rawmk4	
18_30.rawmk4	19_38.rawmk4	20_46.rawmk4	21_53.rawmk4	
18_33.rawmk4	19_41.rawmk4	20_49.rawmk4	21_56.rawmk4	