
Mauna Loa Solar Observatory Observer's Log

Tue Apr 13 17:21:24 GMT 2010

Year: 10 Doy: 103

Observer: koon

WEATHER COMMENT: Tue Apr 13 17:21:26 GMT 2010

Clear sky, no wind, temp=40F.

____end____

Tue Apr 13 17:25:36 GMT 2010 MKIV Start Patrol

Tue Apr 13 17:26:29 GMT 2010 CHIP Start Patrol

PSPT COMMENT BY DARRYL: Tue Apr 13 17:37:20 GMT 2010

Observing.

____end____

Tue Apr 13 18:02:47 GMT 2010 CHIP LSD

Tue Apr 13 18:04:24 GMT 2010 CHIP End LSD

Tue Apr 13 18:04:33 GMT 2010 CHIP BiasLSD

Tue Apr 13 18:05:26 GMT 2010 CHIP End BiasLSD

Tue Apr 13 18:05:35 GMT 2010 CHIP Bias

Tue Apr 13 18:06:19 GMT 2010 CHIP End Bias

Tue Apr 13 18:06:26 GMT 2010 CHIP ReStart Patrol

Tue Apr 13 18:07:11 GMT 2010 MKIV End Patrol

Tue Apr 13 18:07:18 GMT 2010 MKIV Start Cal

Tue Apr 13 18:26:01 GMT 2010 MKIV End Cal

Tue Apr 13 18:42:05 GMT 2010 MKIV Start Patrol

H-ALPHA COMMENT BY DARRYL: Tue Apr 13 20:14:29 GMT 2010

Just finished adjusting the Coronado telescope as best I could in alignment and bandpass and focus. Joan requested the image of the sun be more centered on the CCD. I taped down the alignment to help keep it from moving.

Note that alignment adjustments are very difficult because there isn't any kind of mechanical advantage, I rotate the entire telescope mount in Az or El to try to center the image, if I move it just one degree then the sun moves 2 solar diameters, very difficult to do fine adjustments. I used the Remote Desktop Connection feature of Windows to take over the H-alpha computer's desktop then set the cadence from 90000 to 1000 ms and set both exposures to 200us and made a temporary data folder to collect the data during alignment, it would be better if we could turn off the data gathering during alignments. Some data got through during alignment as I figured this out, so some data are bad. I think everything is back to normal now.

____end____

NOTE BY DARRYL: Tue Apr 13 20:23:54 GMT 2010

Giving a tour to friends of John Barnes.

____end____

WEATHER COMMENT: Tue Apr 13 20:25:48 GMT 2010

Thin cirrostratus has moved in.

____end____

MKIV COMMENT BY DARRYL: Tue Apr 13 20:26:31 GMT 2010

Pausing due to clouds.

___end___

Tue Apr 13 20:28:20 GMT 2010 MKIV End Patrol

WEATHER COMMENT: Tue Apr 13 21:33:10 GMT 2010

Low clouds are starting to build up.

___end___

NOTE BY DARRYL: Tue Apr 13 21:38:35 GMT 2010

Done with tour for visitors.

___end___

Tue Apr 13 22:02:50 GMT 2010 CHIP End Patrol

WEATHER COMMENT: Tue Apr 13 22:07:02 GMT 2010

Clouds are thick, fog is nearby, pausing rest of instruments and closing domes.

___end___

Tue Apr 13 23:00:55 GMT 2010

MkIV

17_25.rawmk4	18_01.rawmk4	19_02.rawmk4	19_38.rawmk4	20_13.rawmk4
17_28.rawmk4	18_04.rawmk4	19_05.rawmk4	19_41.rawmk4	20_16.rawmk4
17_31.rawmk4	18_10.rawmk4	19_08.rawmk4	19_43.rawmk4	20_19.rawmk4
17_34.rawmk4	18_16.rawmk4	19_11.rawmk4	19_46.rawmk4	20_22.rawmk4
17_37.rawmk4	18_22.rawmk4	19_14.rawmk4	19_49.rawmk4	20_25.rawmk4
17_40.rawmk4	18_42.rawmk4	19_17.rawmk4	19_52.rawmk4	c18_07.rawmk4
17_43.rawmk4	18_45.rawmk4	19_20.rawmk4	19_55.rawmk4	c18_13.rawmk4
17_46.rawmk4	18_48.rawmk4	19_23.rawmk4	19_58.rawmk4	c18_19.rawmk4
17_49.rawmk4	18_50.rawmk4	19_26.rawmk4	20_01.rawmk4	
17_52.rawmk4	18_53.rawmk4	19_29.rawmk4	20_04.rawmk4	
17_55.rawmk4	18_56.rawmk4	19_32.rawmk4	20_07.rawmk4	
17_58.rawmk4	18_59.rawmk4	19_35.rawmk4	20_10.rawmk4	