
Mauna Loa Solar Observatory Observer's Log

Wed Mar 24 17:07:15 GMT 2010

Year: 10 Doy: 083

Observer: berkey

WEATHER COMMENT: Wed Mar 24 17:08:59 GMT 2010

Thin cirrostratus overcast, wind=5mph from the South, temp=45F.

____end____

Wed Mar 24 17:10:03 GMT 2010 CHIP Start Patrol

Wed Mar 24 17:11:06 GMT 2010 MKIV Start Patrol

Wed Mar 24 17:17:21 GMT 2010 MKIV End Patrol

NOTE BY BEN: Wed Mar 24 17:58:48 GMT 2010

Looks like we may have lost the internet connection to the outside.

____end____

Wed Mar 24 18:01:44 GMT 2010 CHIP LSD

Wed Mar 24 18:03:28 GMT 2010 CHIP End LSD

Wed Mar 24 18:03:36 GMT 2010 CHIP BiasLSD

Wed Mar 24 18:04:26 GMT 2010 CHIP End BiasLSD

Wed Mar 24 18:04:35 GMT 2010 CHIP Bias

Wed Mar 24 18:05:01 GMT 2010 MKIV Start Patrol

Wed Mar 24 18:05:22 GMT 2010 CHIP End Bias

Wed Mar 24 18:05:30 GMT 2010 CHIP ReStart Patrol

PSPT PROBLEM COMMENT BY BEN : Wed Mar 24 18:51:34 GMT 2010

Pspt crashed, restarted

____end____

Wed Mar 24 18:53:55 GMT 2010 MKIV End Patrol

Wed Mar 24 18:53:50 GMT 2010 CHIP End Patrol

Wed Mar 24 18:59:39 GMT 2010 CHIP Start Patrol

NOTE BY BEN: Wed Mar 24 18:59:43 GMT 2010

Moved down lower shutter

____end____

Wed Mar 24 19:01:50 GMT 2010 MKIV Start Patrol

Wed Mar 24 19:13:51 GMT 2010 MKIV End Patrol

Wed Mar 24 19:13:56 GMT 2010 MKIV Start Cal

NOTE BY BEN: Wed Mar 24 19:17:40 GMT 2010

Looks like internet problem is the UH Juniper router. Current estimates have system back online at 10:30am hst

____end____

Wed Mar 24 19:32:39 GMT 2010 MKIV End Cal

Wed Mar 24 20:01:34 GMT 2010 MKIV Start Patrol

WEATHER COMMENT: Wed Mar 24 21:17:05 GMT 2010

Low clouds starting to pass over.

____end____

NOTE BY DARRYL: Wed Mar 24 21:17:42 GMT 2010

Put new rubber feet on small portable stairs in main dome, with washers inside for more durability. Put away some plumbing things like extra hose (next to tool drawers in PSPT dome), and hose connectors (in box above PSPT cooler with PSPT hose spares and connectors). Put rest of screws in spar plates, and

threw away more rubbish from deployment time. Will send last 2 white boxes to Andy later today, from FedEx.

____end____

WEATHER COMMENT: Wed Mar 24 21:41:53 GMT 2010

Sky brightness stayed high pretty much all day. Most of the images look kind of clunky.

____end____

WEATHER COMMENT: Wed Mar 24 22:00:59 GMT 2010

Low clouds passing by.

____end____

PSPT PROBLEM COMMENT BY DARRYL : Wed Mar 24 22:41:54 GMT 2010

The telescope was oscillating around noon even without much wind, I put pieces of hose as dampers between the sun shield and the camera housing up front to keep that shield from adding to the oscillations in RA as it shook. As we watched the telescope we saw the oscillations go away when the clouds passed over, that seems to imply that reducing the gain in the guider could eliminate the oscillations, because we already know from past experimentation that the oscillation only happens when the guider is turned on. Ben suggested changing the gain in the software and found a way to do it temporarily with commands from the PC, he's now trying to find a way to permanently change the RA gain to be half of what it was - that seems to allow my induced (hand-pushed) oscillations to damp out and still allow guiding. This isn't the best day to do the testing because of the clouds but this looks like a great way to fix our old oscillations problem.

____end____

Wed Mar 24 22:58:19 GMT 2010 MKIV End Patrol
Wed Mar 24 22:59:40 GMT 2010 CHIP End Patrol
Wed Mar 24 23:35:36 GMT 2010

MkIV

17_11.rawmk4	19_07.rawmk4	20_39.rawmk4	21_32.rawmk4	22_25.rawmk4
17_14.rawmk4	19_10.rawmk4	20_42.rawmk4	21_35.rawmk4	22_28.rawmk4
18_05.rawmk4	19_17.rawmk4	20_45.rawmk4	21_38.rawmk4	22_31.rawmk4
18_07.rawmk4	19_23.rawmk4	20_48.rawmk4	21_41.rawmk4	22_34.rawmk4
18_13.rawmk4	19_29.rawmk4	20_51.rawmk4	21_44.rawmk4	22_37.rawmk4
18_20.rawmk4	20_01.rawmk4	20_54.rawmk4	21_47.rawmk4	22_40.rawmk4
18_24.rawmk4	20_04.rawmk4	20_57.rawmk4	21_50.rawmk4	22_43.rawmk4
18_27.rawmk4	20_07.rawmk4	21_00.rawmk4	21_53.rawmk4	22_46.rawmk4
18_30.rawmk4	20_10.rawmk4	21_03.rawmk4	21_56.rawmk4	22_49.rawmk4
18_33.rawmk4	20_13.rawmk4	21_06.rawmk4	21_59.rawmk4	22_52.rawmk4
18_36.rawmk4	20_16.rawmk4	21_09.rawmk4	22_02.rawmk4	22_55.rawmk4
18_38.rawmk4	20_19.rawmk4	21_12.rawmk4	22_05.rawmk4	c19_13.rawmk4
18_41.rawmk4	20_22.rawmk4	21_15.rawmk4	22_08.rawmk4	c19_20.rawmk4
18_44.rawmk4	20_25.rawmk4	21_18.rawmk4	22_11.rawmk4	c19_26.rawmk4
18_47.rawmk4	20_28.rawmk4	21_21.rawmk4	22_14.rawmk4	
18_50.rawmk4	20_31.rawmk4	21_24.rawmk4	22_16.rawmk4	
19_01.rawmk4	20_33.rawmk4	21_26.rawmk4	22_19.rawmk4	
19_04.rawmk4	20_36.rawmk4	21_29.rawmk4	22_22.rawmk4	