
Mauna Loa Solar Observatory Observer's Log

Mon Aug 1 16:32:51 GMT 2011

Year: 11 Doy: 213

Observer: stueben

WEATHER COMMENT: Mon Aug 1 16:32:57 GMT 2011

Clear, wind south 5-10 mph, temp 47F.

____end____

Mon Aug 1 16:58:14 GMT 2011: PSPT Start Patrol

Mon Aug 01 16:59:35 GMT 2011 H-ALPHA Start Patrol

Mon Aug 1 17:00:00 GMT 2011 MKIV Start Patrol

Mon Aug 1 17:01:12 GMT 2011 CHIP Start Patrol

Mon Aug 1 17:16:59 GMT 2011 CHIP End Patrol

Mon Aug 01 17:17:27 GMT 2011 H-ALPHA End Patrol

Mon Aug 1 17:18:04 GMT 2011 MKIV End Patrol

NOTE BY ALLEN: Mon Aug 1 17:30:13 GMT 2011

Stopped to put more ln2 in comp, it had run out yesterday since no one was heree
and I didn't get enough in in my initial fill this morning.

____end____

Mon Aug 1 17:32:41 GMT 2011 MKIV Start Patrol

Mon Aug 1 17:32:59 GMT 2011 CHIP Start Patrol

Mon Aug 01 17:33:44 GMT 2011 H-ALPHA Start Patrol

Mon Aug 01 17:50:41 GMT 2011 COMP Start Patrol

CoMP COMMENT BY BEN: Mon Aug 1 17:54:21 GMT 2011

CoMP background (in darks) looks noisy. This may improve over the day but I would have expected the image to be nice since we are already cold.

____end____

Mon Aug 1 18:00:37 GMT 2011 CHIP LSD

Mon Aug 1 18:02:13 GMT 2011 CHIP End LSD

Mon Aug 1 18:02:28 GMT 2011 CHIP BiasLSD

Mon Aug 1 18:03:10 GMT 2011 CHIP End BiasLSD

Mon Aug 1 18:03:18 GMT 2011 CHIP Bias

Mon Aug 1 18:04:00 GMT 2011 CHIP End Bias

Mon Aug 1 18:04:07 GMT 2011 CHIP ReStart Patrol

Mon Aug 1 18:15:04 GMT 2011 MKIV Start Cal

Mon Aug 1 18:33:44 GMT 2011 MKIV End Cal

Mon Aug 1 18:33:50 GMT 2011 MKIV Start Patrol

Mon Aug 1 20:35:04 GMT 2011 CHIP End Patrol

Mon Aug 01 20:45:13 GMT 2011 COMP End Patrol

NOTE BY ALLEN: Mon Aug 1 20:52:50 GMT 2011

Reconfigured dome shutter.

____end____

Mon Aug 01 20:53:32 GMT 2011 COMP Start Patrol

Mon Aug 1 20:53:28 GMT 2011 CHIP Start Patrol

Mon Aug 1 20:54:03 GMT 2011 MKIV Start Patrol

Mon Aug 1 21:08:51 GMT 2011: PSPT Start Patrol

Mon Aug 1 23:02:51 GMT 2011 CHIP LSD

Mon Aug 1 23:04:18 GMT 2011 CHIP End LSD
Mon Aug 1 23:04:37 GMT 2011 CHIP BiasLSD
Mon Aug 1 23:05:20 GMT 2011 CHIP End BiasLSD
Mon Aug 1 23:05:28 GMT 2011 CHIP Bias
Mon Aug 1 23:06:04 GMT 2011 CHIP End Bias
Mon Aug 1 23:06:11 GMT 2011 CHIP ReStart Patrol
Mon Aug 01 23:41:13 GMT 2011 COMP End Patrol
Mon Aug 01 23:41:15 GMT 2011 COMP Start Patrol
Mon Aug 01 23:44:38 GMT 2011 COMP End Patrol
Mon Aug 01 23:49:11 GMT 2011 COMP Start Patrol
GONG COMMENT BY ALLEN: Tue Aug 2 00:51:31 GMT 2011
Performed weekly and monthly pm.

____end____
Tue Aug 2 01:36:01 GMT 2011: PSPT Abort Patrol
Tue Aug 2 01:36:20 GMT 2011: PSPT Abort Patrol
Tue Aug 2 01:36:32 GMT 2011: PSPT Abort Patrol
Tue Aug 2 01:36:43 GMT 2011: PSPT Abort Patrol
NOTE BY BEN: Tue Aug 2 01:36:48 GMT 2011
Parking PSPT to troubleshoot dome relay problem

____end____
Tue Aug 2 02:14:20 GMT 2011 MKIV End Patrol
Tue Aug 02 02:15:08 GMT 2011 COMP End Patrol
Tue Aug 02 02:16:09 GMT 2011 H-ALPHA End Patrol
Tue Aug 2 02:15:57 GMT 2011 CHIP End Patrol
PSPT COMMENT BY BEN: Tue Aug 2 02:11:24 GMT 2011

We might have fixed the pspt relay chattering issue.
It was found that the dome was physically moving faster than the controller software expected. So we edited the axis.c file on the pspt machine to change the default_vel[DOME] value from -300 to -350. With the new faster velocity target the dome moves smoothly and the relay stays open for the whole move. We find that the dome stops within 20 counts of the commanded position.

____end____
GONG COMMENT BY BEN: Tue Aug 2 02:25:17 GMT 2011
The new mlgong-x station is crashing like the old one. Should we put it on a UPS?

____end____
Tue Aug 2 02:30:32 GMT 2011
MkIV

00_00.rawmk4	01_50.rawmk4	18_48.rawmk4	20_35.rawmk4	22_29.rawmk4
00_03.rawmk4	01_53.rawmk4	18_52.rawmk4	20_38.rawmk4	22_31.rawmk4
00_06.rawmk4	01_56.rawmk4	18_55.rawmk4	20_41.rawmk4	22_34.rawmk4
00_08.rawmk4	01_59.rawmk4	18_56.rawmk4	20_44.rawmk4	22_37.rawmk4
00_11.rawmk4	02_02.rawmk4	19_03.rawmk4	20_54.rawmk4	22_40.rawmk4
00_14.rawmk4	02_05.rawmk4	19_07.rawmk4	20_56.rawmk4	22_43.rawmk4
00_17.rawmk4	02_08.rawmk4	19_10.rawmk4	20_59.rawmk4	22_46.rawmk4
00_20.rawmk4	02_11.rawmk4	19_13.rawmk4	21_02.rawmk4	22_49.rawmk4
00_26.rawmk4	17_00.rawmk4	19_16.rawmk4	21_05.rawmk4	22_52.rawmk4
00_30.rawmk4	17_03.rawmk4	19_19.rawmk4	21_08.rawmk4	22_55.rawmk4

00_33.rawmk4	17_05.rawmk4	19_22.rawmk4	21_11.rawmk4	22_58.rawmk4
00_36.rawmk4	17_08.rawmk4	19_24.rawmk4	21_14.rawmk4	23_01.rawmk4
00_39.rawmk4	17_11.rawmk4	19_27.rawmk4	21_17.rawmk4	23_04.rawmk4
00_42.rawmk4	17_14.rawmk4	19_30.rawmk4	21_20.rawmk4	23_07.rawmk4
00_45.rawmk4	17_32.rawmk4	19_33.rawmk4	21_23.rawmk4	23_10.rawmk4
00_48.rawmk4	17_35.rawmk4	19_36.rawmk4	21_26.rawmk4	23_13.rawmk4
00_53.rawmk4	17_38.rawmk4	19_39.rawmk4	21_29.rawmk4	23_16.rawmk4
00_57.rawmk4	17_41.rawmk4	19_42.rawmk4	21_32.rawmk4	23_18.rawmk4
01_00.rawmk4	17_44.rawmk4	19_45.rawmk4	21_35.rawmk4	23_21.rawmk4
01_03.rawmk4	17_47.rawmk4	19_48.rawmk4	21_38.rawmk4	23_24.rawmk4
01_06.rawmk4	17_50.rawmk4	19_51.rawmk4	21_41.rawmk4	23_27.rawmk4
01_09.rawmk4	17_53.rawmk4	19_54.rawmk4	21_44.rawmk4	23_30.rawmk4
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01_15.rawmk4	17_59.rawmk4	20_00.rawmk4	21_49.rawmk4	23_36.rawmk4
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01_38.rawmk4	18_33.rawmk4	20_23.rawmk4	22_13.rawmk4	c18_15.rawmk4
01_41.rawmk4	18_36.rawmk4	20_26.rawmk4	22_16.rawmk4	c18_21.rawmk4
01_44.rawmk4	18_39.rawmk4	20_29.rawmk4	22_19.rawmk4	c18_27.rawmk4
01_47.rawmk4	18_42.rawmk4	20_32.rawmk4	22_25.rawmk4	