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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 22 16:44:50 GMT 2011

Year: 11 Doy: 203

Observer: berkey

Fri Jul 22 16:45:42 GMT 2011 H-ALPHA Start Patrol

Fri Jul 22 16:47:28 GMT 2011 CHIP Start Patrol

WEATHER COMMENT: Fri Jul 22 16:48:01 GMT 2011

wind 10mph from se, temp 43f, patchy clouds below about 30deg elevation clear skies toward zenith

\_\_\_\_end\_\_\_\_

Fri Jul 22 16:48:59 GMT 2011 COMP Start Patrol

Fri Jul 22 16:49:03 GMT 2011: PSPT Start Patrol

Fri Jul 22 16:49:46 GMT 2011 MKIV Start Patrol

NOTE BY BEN: Fri Jul 22 16:51:00 GMT 2011

Updates installed on ulua

\_\_\_\_end\_\_\_\_

Fri Jul 22 17:31:18 GMT 2011 MKIV End Patrol

Fri Jul 22 17:31:24 GMT 2011 MKIV Start Cal

Fri Jul 22 17:50:12 GMT 2011 MKIV End Cal

Fri Jul 22 17:50:21 GMT 2011 MKIV Start Patrol

Fri Jul 22 18:02:49 GMT 2011 CHIP LSD

Fri Jul 22 18:04:23 GMT 2011 CHIP End LSD

Fri Jul 22 18:04:32 GMT 2011 CHIP BiasLSD

Fri Jul 22 18:05:15 GMT 2011 CHIP End BiasLSD

Fri Jul 22 18:05:29 GMT 2011 CHIP Bias

Fri Jul 22 18:06:00 GMT 2011 CHIP End Bias

Fri Jul 22 18:06:07 GMT 2011 CHIP ReStart Patrol

COMP COMMENT BY BEN: Fri Jul 22 18:31:27 GMT 2011

Replaced the surgical tubing in the COMP LN2 funnel.

\_\_\_\_end\_\_\_\_

Fri Jul 22 19:38:48 GMT 2011 COMP End Patrol

Fri Jul 22 19:38:51 GMT 2011 COMP Start Patrol

Fri Jul 22 19:41:27 GMT 2011 CHIP End Patrol

Fri Jul 22 19:42:15 GMT 2011 COMP End Patrol

Fri Jul 22 19:42:27 GMT 2011 MKIV End Patrol

Fri Jul 22 19:43:46 GMT 2011 H-ALPHA End Patrol

Fri Jul 22 19:48:18 GMT 2011 MKIV Start Patrol

Fri Jul 22 19:48:36 GMT 2011 COMP Start Patrol

Fri Jul 22 19:48:16 GMT 2011 H-ALPHA Start Patrol

NOTE BY BEN: Fri Jul 22 19:48:49 GMT 2011

Bottom shutter moved down

\_\_\_\_end\_\_\_\_

COMP COMMENT BY BEN: Fri Jul 22 20:23:51 GMT 2011

Dec guiding got a little off and some light started to spill over the occulting disk

\_\_\_\_end\_\_\_\_

Fri Jul 22 21:26:07 GMT 2011: PSPT Start Patrol

Fri Jul 22 22:36:18 GMT 2011 COMP End Patrol

Fri Jul 22 22:36:22 GMT 2011 COMP Start Patrol

PSPT COMMENT BY BEN: Fri Jul 22 22:58:08 GMT 2011

There was a problem with the PSPT email script which caused it to crash instead of send email, it appears to be working now.

\_\_\_\_end\_\_\_\_

Fri Jul 22 23:04:20 GMT 2011 COMP End Patrol

Fri Jul 22 23:10:16 GMT 2011 COMP Start Patrol

Sat Jul 23 00:28:15 GMT 2011 CHIP Start Patrol

Sat Jul 23 00:57:48 GMT 2011 COMP End Patrol

Sat Jul 23 00:59:23 GMT 2011 COMP Start Patrol

Sat Jul 23 02:11:21 GMT 2011 CHIP End Patrol

Sat Jul 23 02:12:09 GMT 2011 COMP End Patrol

Sat Jul 23 02:12:26 GMT 2011: PSPT Abort Patrol

Sat Jul 23 02:13:31 GMT 2011 MKIV End Patrol

Sat Jul 23 02:13:46 GMT 2011 H-ALPHA End Patrol

Sat Jul 23 02:19:52 GMT 2011

MkIV

|              |              |              |              |               |
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| 00_01.rawmk4 | 01_52.rawmk4 | 18_31.rawmk4 | 20_29.rawmk4 | 22_29.rawmk4  |
| 00_04.rawmk4 | 01_55.rawmk4 | 18_34.rawmk4 | 20_32.rawmk4 | 22_32.rawmk4  |
| 00_06.rawmk4 | 01_58.rawmk4 | 18_37.rawmk4 | 20_35.rawmk4 | 22_35.rawmk4  |
| 00_09.rawmk4 | 02_01.rawmk4 | 18_40.rawmk4 | 20_38.rawmk4 | 22_38.rawmk4  |
| 00_12.rawmk4 | 02_04.rawmk4 | 18_43.rawmk4 | 20_41.rawmk4 | 22_41.rawmk4  |
| 00_15.rawmk4 | 02_07.rawmk4 | 18_46.rawmk4 | 20_44.rawmk4 | 22_44.rawmk4  |
| 00_18.rawmk4 | 02_10.rawmk4 | 18_49.rawmk4 | 20_47.rawmk4 | 22_47.rawmk4  |
| 00_21.rawmk4 | 16_49.rawmk4 | 18_52.rawmk4 | 20_50.rawmk4 | 22_50.rawmk4  |
| 00_24.rawmk4 | 16_52.rawmk4 | 18_55.rawmk4 | 20_53.rawmk4 | 22_53.rawmk4  |
| 00_27.rawmk4 | 16_55.rawmk4 | 18_58.rawmk4 | 20_55.rawmk4 | 22_56.rawmk4  |
| 00_30.rawmk4 | 16_58.rawmk4 | 19_00.rawmk4 | 20_58.rawmk4 | 22_59.rawmk4  |
| 00_33.rawmk4 | 17_01.rawmk4 | 19_03.rawmk4 | 21_01.rawmk4 | 23_02.rawmk4  |
| 00_36.rawmk4 | 17_04.rawmk4 | 19_06.rawmk4 | 21_04.rawmk4 | 23_05.rawmk4  |
| 00_39.rawmk4 | 17_07.rawmk4 | 19_09.rawmk4 | 21_07.rawmk4 | 23_08.rawmk4  |
| 00_42.rawmk4 | 17_10.rawmk4 | 19_12.rawmk4 | 21_10.rawmk4 | 23_11.rawmk4  |
| 00_45.rawmk4 | 17_13.rawmk4 | 19_15.rawmk4 | 21_13.rawmk4 | 23_14.rawmk4  |
| 00_48.rawmk4 | 17_16.rawmk4 | 19_18.rawmk4 | 21_19.rawmk4 | 23_17.rawmk4  |
| 00_51.rawmk4 | 17_19.rawmk4 | 19_21.rawmk4 | 21_23.rawmk4 | 23_20.rawmk4  |
| 00_53.rawmk4 | 17_22.rawmk4 | 19_24.rawmk4 | 21_26.rawmk4 | 23_22.rawmk4  |
| 00_56.rawmk4 | 17_25.rawmk4 | 19_27.rawmk4 | 21_29.rawmk4 | 23_25.rawmk4  |
| 00_59.rawmk4 | 17_28.rawmk4 | 19_30.rawmk4 | 21_32.rawmk4 | 23_28.rawmk4  |
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| 01_05.rawmk4 | 17_40.rawmk4 | 19_36.rawmk4 | 21_38.rawmk4 | 23_34.rawmk4  |
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| 01_14.rawmk4 | 17_53.rawmk4 | 19_51.rawmk4 | 21_51.rawmk4 | 23_43.rawmk4  |
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| 01_29.rawmk4 | 18_08.rawmk4 | 20_05.rawmk4 | 22_06.rawmk4 | 23_58.rawmk4  |
| 01_32.rawmk4 | 18_10.rawmk4 | 20_08.rawmk4 | 22_09.rawmk4 | c17_31.rawmk4 |
| 01_35.rawmk4 | 18_13.rawmk4 | 20_11.rawmk4 | 22_12.rawmk4 | c17_37.rawmk4 |
| 01_38.rawmk4 | 18_16.rawmk4 | 20_14.rawmk4 | 22_15.rawmk4 | c17_43.rawmk4 |
| 01_40.rawmk4 | 18_19.rawmk4 | 20_17.rawmk4 | 22_18.rawmk4 |               |
| 01_43.rawmk4 | 18_22.rawmk4 | 20_20.rawmk4 | 22_21.rawmk4 |               |
| 01_46.rawmk4 | 18_25.rawmk4 | 20_23.rawmk4 | 22_24.rawmk4 |               |
| 01_49.rawmk4 | 18_28.rawmk4 | 20_26.rawmk4 | 22_27.rawmk4 |               |