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Mauna Loa Solar Observatory Observer's Log  
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Tue Dec 2 16:59:04 GMT 2003

Year: 03 Doy: 336

Observer: stueben

WEATHER COMMENT: Tue Dec 2 17:07:40 GMT 2003

Eastern third of the sky overcast, scattered clouds overhead and west, light southwest wind, temp 43F. Awaiting clearer skies to start instruments. Nice misty red dawn on the drive up the mountain.

WEATHER COMMENT: Tue Dec 2 17:26:43 GMT 2003

Overcast has cleared rapidly, leaving scattered cirrostratus. Starting instruments. Snow on peak of Mauna Kea.

Tue Dec 2 17:31:08 GMT 2003 CHIP Start Patrol

Tue Dec 2 17:36:06 GMT 2003 MKIV Start Patrol

ECHO COMMENT: Tue Dec 2 17:37:15 GMT 2003

Time OK.

PSPT COMMENT: Tue Dec 2 17:37:28 GMT 2003

Observing.

MKIV COMMENT: Tue Dec 2 17:45:05 GMT 2003

Centered 01 guider.

Tue Dec 2 17:47:20 GMT 2003 PICS Start Patrol

Tue Dec 2 17:51:05 GMT 2003 PICS Start Patrol

Tue Dec 2 18:01:45 GMT 2003 CHIP LSD

Tue Dec 2 18:03:05 GMT 2003 PICS Flat

Tue Dec 2 18:03:39 GMT 2003 CHIP End LSD

Tue Dec 2 18:03:54 GMT 2003 CHIP BiasLSD

Tue Dec 2 18:04:53 GMT 2003 CHIP End BiasLSD

Tue Dec 2 18:05:03 GMT 2003 CHIP Bias

Tue Dec 2 18:05:34 GMT 2003 PICS End Flat

Tue Dec 2 18:05:59 GMT 2003 CHIP End Bias

MKIV COMMENT: Tue Dec 2 19:01:37 GMT 2003

Centered 01 guider.

Tue Dec 2 19:04:40 GMT 2003 MKIV End Patrol

Tue Dec 2 19:04:49 GMT 2003 MKIV Start Cal

Tue Dec 2 19:23:32 GMT 2003 MKIV End Cal

Tue Dec 2 19:28:41 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Tue Dec 2 20:07:02 GMT 2003

Centered 01 guider.

WEATHER COMMENT: Tue Dec 2 22:38:09 GMT 2003

Orographic clouds beginning to form.

MKIV COMMENT: Wed Dec 3 00:00:20 GMT 2003

Centered 01 guider.

Wed Dec 3 00:47:33 GMT 2003 PICS Start Patrol

Wed Dec 3 00:48:13 GMT 2003 CHIP Start Patrol

Wed Dec 3 00:49:15 GMT 2003 MKIV Start Patrol

\*\*MLSO PROBLEM\*\*: Wed Dec 3 00:50:16 GMT 2003

Have had 2 power dropouts of about 10-30 seconds in the last half hour, am working to get everything back up and running.

Previous to the power outages I had been working with Alice on tests to Echo, it was not quite running again when the power outages started.

Wed Dec 3 01:25:52 GMT 2003 MKIV End Patrol

Wed Dec 3 01:32:34 GMT 2003 MKIV Start Patrol

\*\*MLSO PROBLEM\*\* Wed Dec 3 01:33:27 GMT 2003

Everything except ECHO is up and running again.

Wed Dec 3 02:04:04 GMT 2003 CHIP End Patrol

Wed Dec 3 02:04:19 GMT 2003 PICS End Patrol

WEATHER COMMENT: Wed Dec 3 02:04:48 GMT 2003

Clouds getting thick, idling instruments.

Wed Dec 3 02:08:11 GMT 2003 MKIV End Patrol

Wed Dec 3 02:22:26 GMT 2003

MkIV

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| 00_03.rawmk4 | 17_36.rawmk4 | 19_20.rawmk4 | 20_59.rawmk4 | 22_33.rawmk4  |
| 00_06.rawmk4 | 17_39.rawmk4 | 19_28.rawmk4 | 21_02.rawmk4 | 22_36.rawmk4  |
| 00_09.rawmk4 | 17_42.rawmk4 | 19_31.rawmk4 | 21_05.rawmk4 | 22_39.rawmk4  |
| 00_11.rawmk4 | 17_45.rawmk4 | 19_34.rawmk4 | 21_08.rawmk4 | 22_42.rawmk4  |
| 00_14.rawmk4 | 17_48.rawmk4 | 19_37.rawmk4 | 21_11.rawmk4 | 22_45.rawmk4  |
| 00_17.rawmk4 | 17_50.rawmk4 | 19_40.rawmk4 | 21_14.rawmk4 | 22_48.rawmk4  |
| 00_20.rawmk4 | 17_53.rawmk4 | 19_43.rawmk4 | 21_17.rawmk4 | 22_51.rawmk4  |
| 00_23.rawmk4 | 17_56.rawmk4 | 19_46.rawmk4 | 21_20.rawmk4 | 22_54.rawmk4  |
| 00_26.rawmk4 | 17_59.rawmk4 | 19_49.rawmk4 | 21_23.rawmk4 | 23_00.rawmk4  |
| 00_49.rawmk4 | 18_02.rawmk4 | 19_52.rawmk4 | 21_26.rawmk4 | 23_04.rawmk4  |
| 00_52.rawmk4 | 18_05.rawmk4 | 19_55.rawmk4 | 21_29.rawmk4 | 23_07.rawmk4  |
| 00_55.rawmk4 | 18_08.rawmk4 | 19_58.rawmk4 | 21_32.rawmk4 | 23_10.rawmk4  |
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| 02_02.rawmk4 | 19_07.rawmk4 | 20_53.rawmk4 | 22_28.rawmk4 | c19_17.rawmk4 |