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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 31 01:50:50 GMT 2004  
Year: 04 Doy: 031  
Observer: yasukawa  
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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 31 02:01:14 GMT 2004  
Year: 04 Doy: 031  
Observer: yasukawa

Sat Jan 31 02:01:26 GMT 2004  
MkIV

18_16.rawmk4	18_57.rawmk4	20_07.rawmk4	21_23.rawmk4	21_52.rawmk4
18_19.rawmk4	19_00.rawmk4	20_56.rawmk4	21_26.rawmk4	21_55.rawmk4
18_22.rawmk4	19_03.rawmk4	20_59.rawmk4	21_29.rawmk4	21_58.rawmk4
18_25.rawmk4	19_06.rawmk4	21_02.rawmk4	21_32.rawmk4	22_01.rawmk4
18_28.rawmk4	19_09.rawmk4	21_05.rawmk4	21_35.rawmk4	22_04.rawmk4
18_31.rawmk4	19_53.rawmk4	21_08.rawmk4	21_37.rawmk4	c18_40.rawmk4
18_34.rawmk4	19_56.rawmk4	21_11.rawmk4	21_40.rawmk4	c18_47.rawmk4
18_37.rawmk4	19_59.rawmk4	21_14.rawmk4	21_43.rawmk4	c18_53.rawmk4
18_44.rawmk4	20_01.rawmk4	21_17.rawmk4	21_46.rawmk4	
18_50.rawmk4	20_04.rawmk4	21_20.rawmk4	21_49.rawmk4	

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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 31 17:18:15 GMT 2004  
Year: 04 Doy: 031  
Observer: stueben

WEATHER COMMENT: Sat Jan 31 17:36:00 GMT 2004

Snow! Clear, southeast wind 5-10mph, temp 36F. Frost/Ice/Snow last 4 miles up mountain, 2-3 inches on the ground around the observatory.

Sat Jan 31 17:42:33 GMT 2004 CHIP Start Patrol

Sat Jan 31 17:46:48 GMT 2004 PICS Start Patrol

PSPT COMMENT: Sat Jan 31 17:50:09 GMT 2004

Observing.

ECHO COMMENT: Sat Jan 31 17:50:56 GMT 2004

Time OK.

Sat Jan 31 18:00:04 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sat Jan 31 18:00:27 GMT 2004

Centered 01 guider.

Sat Jan 31 18:00:51 GMT 2004 CHIP LSD

Sat Jan 31 18:02:32 GMT 2004 CHIP End LSD

Sat Jan 31 18:02:38 GMT 2004 CHIP BiasLSD

Sat Jan 31 18:03:29 GMT 2004 CHIP End BiasLSD

\*\*ECHO PROBLEM\*\*: Sat Jan 31 18:02:02 GMT 2004

No images. Instrument window completely covered with snow/ice. Cleared snow , images OK.

Sat Jan 31 18:03:39 GMT 2004 CHIP Bias  
Sat Jan 31 18:04:09 GMT 2004 PICS Flat  
Sat Jan 31 18:04:34 GMT 2004 CHIP End Bias

**\*\*GONG PROBLEM\*\***: Sat Jan 31 18:04:18 GMT 2004

No communication with gong shelter, will go down to shelter in a while and investigate.

Sat Jan 31 18:06:37 GMT 2004 PICS End Flat

COMMENT: Sat Jan 31 18:07:13 GMT 2004

NASA/Goddard guys Tom & Nelson are having "fun" in the snow. Roof of observatory is treacherous from snowfall. I've lent them some gloves as they were not prepared to deal with this kind of snowy weather.

MKIV COMMENT: Sat Jan 31 19:02:06 GMT 2004

Centered 01 guider.

Sat Jan 31 19:29:41 GMT 2004 MKIV End Patrol  
Sat Jan 31 19:29:53 GMT 2004 MKIV Start Cal  
Sat Jan 31 19:48:43 GMT 2004 MKIV End Cal  
Sat Jan 31 19:48:54 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sat Jan 31 20:21:39 GMT 2004

Centered 01 guider.

MKIV COMMENT: Sat Jan 31 21:58:43 GMT 2004

Centered 01 guider.

**\*\*PSPT PROBLEM\*\***: Sat Jan 31 22:53:53 GMT 2004

Crashed at 22:06UT at "(2/3) Taking RED image". Killed and restarted.

MKIV COMMENT: Sat Jan 31 23:17:56 GMT 2004

Centered 01 guider.

WEATHER COMMENT: Sat Jan 31 23:44:23 GMT 2004

Orographic clouds beginning to degrade images.

WEATHER COMMENT: Sun Feb 1 00:00:26 GMT 2004

Clouds have cleared for awhile, restarted Mk4.

Sun Feb 1 00:01:05 GMT 2004 MKIV Start Patrol

**\*\*GONG PROBLEM\*\***: Sun Feb 1 00:26:51 GMT 2004

Communication with Gong shelter is working again. The router connection had been unplugged yesterday while working on the NASA guys internet connection.

MKIV COMMENT: Sun Feb 1 01:11:40 GMT 2004

Centered 01 guider.

Sun Feb 1 02:27:51 GMT 2004 CHIP End Patrol  
Sun Feb 1 02:28:37 GMT 2004 MKIV End Patrol  
Sun Feb 1 02:28:27 GMT 2004 PICS End Patrol  
Sun Feb 1 02:38:22 GMT 2004

MkIV

00_01.rawmk4	01_41.rawmk4	18_53.rawmk4	20_47.rawmk4	22_27.rawmk4
00_04.rawmk4	01_44.rawmk4	18_56.rawmk4	20_50.rawmk4	22_30.rawmk4
00_06.rawmk4	01_47.rawmk4	18_59.rawmk4	20_53.rawmk4	22_33.rawmk4
00_09.rawmk4	01_50.rawmk4	19_02.rawmk4	20_56.rawmk4	22_36.rawmk4
00_12.rawmk4	01_53.rawmk4	19_04.rawmk4	20_59.rawmk4	22_39.rawmk4

00_15.rawmk4	01_55.rawmk4	19_07.rawmk4	21_02.rawmk4	22_42.rawmk4
00_18.rawmk4	01_58.rawmk4	19_10.rawmk4	21_05.rawmk4	22_45.rawmk4
00_21.rawmk4	02_01.rawmk4	19_16.rawmk4	21_08.rawmk4	22_48.rawmk4
00_24.rawmk4	02_04.rawmk4	19_20.rawmk4	21_11.rawmk4	22_51.rawmk4
00_27.rawmk4	02_07.rawmk4	19_23.rawmk4	21_14.rawmk4	22_54.rawmk4
00_30.rawmk4	02_10.rawmk4	19_26.rawmk4	21_17.rawmk4	22_57.rawmk4
00_33.rawmk4	02_13.rawmk4	19_32.rawmk4	21_20.rawmk4	23_00.rawmk4
00_36.rawmk4	02_16.rawmk4	19_39.rawmk4	21_23.rawmk4	23_03.rawmk4
00_39.rawmk4	02_19.rawmk4	19_45.rawmk4	21_26.rawmk4	23_06.rawmk4
00_42.rawmk4	02_22.rawmk4	19_48.rawmk4	21_29.rawmk4	23_09.rawmk4
00_45.rawmk4	02_25.rawmk4	19_51.rawmk4	21_32.rawmk4	23_11.rawmk4
00_48.rawmk4	18_00.rawmk4	19_54.rawmk4	21_34.rawmk4	23_14.rawmk4
00_51.rawmk4	18_03.rawmk4	19_57.rawmk4	21_37.rawmk4	23_17.rawmk4
00_54.rawmk4	18_06.rawmk4	20_00.rawmk4	21_40.rawmk4	23_20.rawmk4
00_56.rawmk4	18_08.rawmk4	20_03.rawmk4	21_43.rawmk4	23_23.rawmk4
00_59.rawmk4	18_11.rawmk4	20_06.rawmk4	21_46.rawmk4	23_26.rawmk4
01_02.rawmk4	18_14.rawmk4	20_09.rawmk4	21_49.rawmk4	23_29.rawmk4
01_05.rawmk4	18_17.rawmk4	20_12.rawmk4	21_52.rawmk4	23_32.rawmk4
01_08.rawmk4	18_20.rawmk4	20_15.rawmk4	21_55.rawmk4	23_35.rawmk4
01_11.rawmk4	18_23.rawmk4	20_18.rawmk4	21_58.rawmk4	23_38.rawmk4
01_14.rawmk4	18_26.rawmk4	20_21.rawmk4	22_01.rawmk4	23_41.rawmk4
01_17.rawmk4	18_29.rawmk4	20_24.rawmk4	22_04.rawmk4	23_44.rawmk4
01_20.rawmk4	18_32.rawmk4	20_27.rawmk4	22_07.rawmk4	23_47.rawmk4
01_23.rawmk4	18_35.rawmk4	20_30.rawmk4	22_10.rawmk4	c19_29.rawmk4
01_26.rawmk4	18_38.rawmk4	20_33.rawmk4	22_13.rawmk4	c19_36.rawmk4
01_29.rawmk4	18_41.rawmk4	20_35.rawmk4	22_16.rawmk4	c19_42.rawmk4
01_32.rawmk4	18_44.rawmk4	20_38.rawmk4	22_19.rawmk4	
01_35.rawmk4	18_47.rawmk4	20_41.rawmk4	22_22.rawmk4	
01_38.rawmk4	18_50.rawmk4	20_44.rawmk4	22_24.rawmk4	