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Mauna Loa Solar Observatory Observer's Log  
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Mon Aug 25 16:36:40 GMT 2003

Year: 03 Doy: 237

Observer: stueben

WEATHER COMMENT: Mon Aug 25 16:42:20 GMT 2003

Clear, light southeast wind, temp 50F.

Mon Aug 25 16:44:01 GMT 2003 CHIP Start Patrol

Mon Aug 25 16:44:20 GMT 2003 PICS Start Patrol

MKIV COMMENT: Mon Aug 25 17:02:13 GMT 2003

Centered 01 guider.

Mon Aug 25 17:02:43 GMT 2003 MKIV Start Patrol

COMMENT: Mon Aug 25 17:04:43 GMT 2003

Read HELCO meters on the way up. Three of the meters now display a third number. Checking with HELCO to determine what that number is and if we need to read it too.

GONG COMMENT: Mon Aug 25 17:06:05 GMT 2003

Performed weekly GONG PM.

PSPT COMMENT: Mon Aug 25 17:17:50 GMT 2003

Observing

Mon Aug 25 18:02:25 GMT 2003 PICS Flat

Mon Aug 25 18:02:40 GMT 2003 CHIP LSD

MKIV COMMENT: Mon Aug 25 18:04:41 GMT 2003

Centered 01.

Mon Aug 25 18:04:39 GMT 2003 CHIP End LSD

Mon Aug 25 18:04:52 GMT 2003 CHIP BiasLSD

Mon Aug 25 18:04:55 GMT 2003 PICS End Flat

Mon Aug 25 18:05:58 GMT 2003 CHIP End BiasLSD

Mon Aug 25 18:06:14 GMT 2003 CHIP Bias

Mon Aug 25 18:07:13 GMT 2003 CHIP End Bias

Mon Aug 25 18:07:53 GMT 2003 MKIV End Patrol

Mon Aug 25 18:08:05 GMT 2003 MKIV Start Cal

WEATHER COMMENT: Mon Aug 25 18:26:16 GMT 2003

In cirrus, will need to repeat Cal again later.

Mon Aug 25 18:26:51 GMT 2003 MKIV End Cal

Mon Aug 25 18:27:01 GMT 2003 MKIV Start Patrol

MKIV COMMENT: Mon Aug 25 18:59:24 GMT 2003

Centered 01.

WEATHER COMMENT: Mon Aug 25 18:59:41 GMT 2003

Sun in hole between cirrus patches. Attempting calibration again.

Mon Aug 25 19:02:35 GMT 2003 MKIV End Patrol

Mon Aug 25 19:02:46 GMT 2003 MKIV Start Cal

Mon Aug 25 19:21:30 GMT 2003 MKIV End Cal

Mon Aug 25 19:24:19 GMT 2003 MKIV Start Patrol

Mon Aug 25 19:42:19 GMT 2003 CHIP End Patrol

COMMENT: Mon Aug 25 19:42:30 GMT 2003

Stopping to reconfigure dome shutter.

Mon Aug 25 19:43:45 GMT 2003 PICS End Patrol  
Mon Aug 25 19:48:12 GMT 2003 MKIV End Patrol  
Mon Aug 25 19:49:33 GMT 2003 MKIV Start Patrol  
Mon Aug 25 19:49:26 GMT 2003 CHIP Start Patrol  
MKIV COMMENT: Mon Aug 25 19:49:38 GMT 2003  
Centered O1.  
Mon Aug 25 19:49:33 GMT 2003 PICS Start Patrol  
WEATHER COMMENT: Mon Aug 25 20:10:01 GMT 2003  
In extensive broken cirrus.  
WEATHER COMMENT: Mon Aug 25 20:35:27 GMT 2003  
Clear hole.  
MKIV COMMENT: Mon Aug 25 20:36:30 GMT 2003  
Centered O1.  
WEATHER COMMENT: Mon Aug 25 20:48:59 GMT 2003  
Back in cirrus.  
WEATHER COMMENT: Mon Aug 25 21:20:05 GMT 2003  
Clear hole.  
MKIV COMMENT: Mon Aug 25 21:20:33 GMT 2003  
Centered O1.  
\*\*MKIV PROBLEM\*\*: Mon Aug 25 22:16:27 GMT 2003  
MK4 partially blocked by dome, rotated dome more than usual. In cirrus  
anyway so MK4 data is cruddy.  
WEATHER COMMENT: Tue Aug 26 00:01:53 GMT 2003  
In extensive cirrus overcast. Idling MK4.  
Tue Aug 26 00:04:16 GMT 2003 MKIV End Patrol  
WEATHER COMMENT: Tue Aug 26 00:28:22 GMT 2003  
orographic clouds hovering around.  
Tue Aug 26 00:29:01 GMT 2003 CHIP End Patrol  
Tue Aug 26 00:29:21 GMT 2003 PICS End Patrol  
COMMENT: Tue Aug 26 00:29:20 GMT 2003  
Stopping to reconfigure dome shutter.  
Tue Aug 26 00:36:11 GMT 2003 CHIP Start Patrol  
Tue Aug 26 00:36:23 GMT 2003 PICS Start Patrol  
WEATHER COMMENT: Tue Aug 26 00:56:09 GMT 2003  
Cirrus thinning.  
MKIV COMMENT: Tue Aug 26 00:56:45 GMT 2003  
Centering O1.  
Tue Aug 26 00:57:04 GMT 2003 MKIV Start Patrol  
WEATHER COMMENT: Tue Aug 26 01:07:46 GMT 2003  
Back in cirrus, idling mk4.  
Tue Aug 26 01:09:11 GMT 2003 MKIV End Patrol  
WEATHER COMMENT: Tue Aug 26 01:41:32 GMT 2003  
Very thick, extensive cirrostratus moved over.  
PSPT COMMENT: Tue Aug 26 02:22:07 GMT 2003  
Stutting down PSPT.  
Tue Aug 26 02:29:28 GMT 2003 PICS End Patrol  
Tue Aug 26 02:30:46 GMT 2003 CHIP End Patrol  
Tue Aug 26 02:31:15 GMT 2003

## MkIV

00_01.rawmk4	18_23.rawmk4	20_04.rawmk4	21_29.rawmk4	22_58.rawmk4
00_57.rawmk4	18_27.rawmk4	20_07.rawmk4	21_32.rawmk4	23_04.rawmk4
01_00.rawmk4	18_29.rawmk4	20_10.rawmk4	21_35.rawmk4	23_08.rawmk4
01_03.rawmk4	18_32.rawmk4	20_13.rawmk4	21_38.rawmk4	23_11.rawmk4
01_05.rawmk4	18_35.rawmk4	20_15.rawmk4	21_44.rawmk4	23_14.rawmk4
17_02.rawmk4	18_38.rawmk4	20_18.rawmk4	21_47.rawmk4	23_16.rawmk4
17_05.rawmk4	18_41.rawmk4	20_21.rawmk4	21_50.rawmk4	23_19.rawmk4
17_08.rawmk4	18_44.rawmk4	20_24.rawmk4	21_53.rawmk4	23_22.rawmk4
17_11.rawmk4	18_47.rawmk4	20_27.rawmk4	21_56.rawmk4	23_25.rawmk4
17_14.rawmk4	18_50.rawmk4	20_30.rawmk4	21_59.rawmk4	23_28.rawmk4
17_17.rawmk4	18_53.rawmk4	20_33.rawmk4	22_02.rawmk4	23_31.rawmk4
17_20.rawmk4	18_56.rawmk4	20_36.rawmk4	22_05.rawmk4	23_34.rawmk4
17_23.rawmk4	18_59.rawmk4	20_39.rawmk4	22_08.rawmk4	23_37.rawmk4
17_26.rawmk4	19_05.rawmk4	20_42.rawmk4	22_11.rawmk4	23_40.rawmk4
17_29.rawmk4	19_11.rawmk4	20_45.rawmk4	22_14.rawmk4	23_43.rawmk4
17_32.rawmk4	19_18.rawmk4	20_48.rawmk4	22_17.rawmk4	23_46.rawmk4
17_35.rawmk4	19_24.rawmk4	20_51.rawmk4	22_20.rawmk4	23_49.rawmk4
17_38.rawmk4	19_27.rawmk4	20_54.rawmk4	22_23.rawmk4	23_52.rawmk4
17_41.rawmk4	19_30.rawmk4	20_57.rawmk4	22_26.rawmk4	23_55.rawmk4
17_44.rawmk4	19_33.rawmk4	20_59.rawmk4	22_29.rawmk4	23_58.rawmk4
17_46.rawmk4	19_36.rawmk4	21_02.rawmk4	22_32.rawmk4	c18_08.rawmk4
17_49.rawmk4	19_39.rawmk4	21_05.rawmk4	22_34.rawmk4	c18_14.rawmk4
17_52.rawmk4	19_42.rawmk4	21_08.rawmk4	22_37.rawmk4	c18_20.rawmk4
17_55.rawmk4	19_45.rawmk4	21_11.rawmk4	22_40.rawmk4	c19_02.rawmk4
17_58.rawmk4	19_49.rawmk4	21_14.rawmk4	22_43.rawmk4	c19_08.rawmk4
18_01.rawmk4	19_52.rawmk4	21_17.rawmk4	22_46.rawmk4	c19_15.rawmk4
18_04.rawmk4	19_55.rawmk4	21_20.rawmk4	22_49.rawmk4	
18_11.rawmk4	19_58.rawmk4	21_23.rawmk4	22_52.rawmk4	
18_17.rawmk4	20_01.rawmk4	21_26.rawmk4	22_55.rawmk4	