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Mauna Loa Solar Observatory Observer's Log  
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Fri Apr 23 16:37:27 GMT 2004

Year: 04 Doy: 114

Observer: yasukawa

WEATHER COMMENT: Fri Apr 23 16:39:38 GMT 2004

35 F, clear, light SE breeze.

ECHO COMMENT: Fri Apr 23 16:44:43 GMT 2004

Time OK.

PSPT COMMENT: Fri Apr 23 16:44:49 GMT 2004

Startup.

Fri Apr 23 16:45:15 GMT 2004 CHIP Start Patrol

Fri Apr 23 16:45:26 GMT 2004 PICS Start Patrol

COMMENT: Fri Apr 23 16:45:13 GMT 2004

Heavy equipment below started up, breeze currently blowing thick exhaust and dust downslope.

MKIV COMMENT: Fri Apr 23 16:51:00 GMT 2004

Centering O1 as soon as mk4 clears dome cylinder.

Fri Apr 23 16:52:07 GMT 2004 MKIV Start Patrol

PSPT COMMENT: Fri Apr 23 16:52:42 GMT 2004

Observing.

WEATHER COMMENT: Fri Apr 23 16:57:14 GMT 2004

Sky bright or polarized. Cannot see bright halo around sun, but there are indications of such condition in MK4 images.

**\*\*MKIV PROBLEM\*\***: Fri Apr 23 17:05:19 GMT 2004

Checked tilt plates, they were in an undefined position, both tilt in and tilt out were enabled. Moved tilt plates out. Polarization effect on image increased rather than decreased or eliminated.

WEATHER COMMENT: Fri Apr 23 17:13:46 GMT 2004

Bright/highly polarized sky may be due to construction pollution next to GONG shelter. I can smell the diesel exhaust up here. Breeze has died down.

Fri Apr 23 17:36:43 GMT 2004 CHIP End Patrol

Fri Apr 23 17:37:26 GMT 2004 PICS End Patrol

**\*\*MLSO PROBLEM\*\***: Fri Apr 23 17:36:35 GMT 2004

Closed domes. Breeze has shifted to easterlies, blowing the diesel exhaust and fine dust from the digging/moving piles of rubble toward observatory. Ols OK at time of closing.

Fri Apr 23 17:39:30 GMT 2004 MKIV End Patrol

Fri Apr 23 18:59:58 GMT 2004 CHIP Start Patrol

Fri Apr 23 19:00:03 GMT 2004 PICS Start Patrol

WEATHER COMMENT: Fri Apr 23 19:00:16 GMT 2004

Wins has shifted to more northerly, blowing dust and exhaust upslope, but keeping it mostly to east of observatory. Opened domes and starting observations again.

MKIV COMMENT: Fri Apr 23 19:02:40 GMT 2004

Centered O1.

Fri Apr 23 19:02:53 GMT 2004 MKIV Start Patrol

Fri Apr 23 19:09:54 GMT 2004 MKIV Start Cal  
Fri Apr 23 19:28:39 GMT 2004 MKIV End Cal  
Fri Apr 23 19:28:49 GMT 2004 MKIV Start Patrol  
WEATHER COMMENT: Fri Apr 23 19:32:46 GMT 2004  
Orographic clouds moving upslope and forming nearby station.  
WEATHER COMMENT: Fri Apr 23 19:39:26 GMT 2004  
In orographic clouds.  
Fri Apr 23 20:15:45 GMT 2004 CHIP End Patrol  
Fri Apr 23 20:16:11 GMT 2004 MKIV End Patrol  
Fri Apr 23 20:16:34 GMT 2004 PICS End Patrol  
COMMENT: Fri Apr 23 20:17:17 GMT 2004  
Closing domes as precaution to fog.  
COMMENT: Fri Apr 23 20:17:53 GMT 2004  
Idling instruments.  
WEATHER COMMENT: Fri Apr 23 20:55:35 GMT 2004  
In thick fog.  
WEATHER COMMENT: Fri Apr 23 22:02:38 GMT 2004  
Raining.  
Sat Apr 24 00:03:54 GMT 2004  
MkIV

16_52.rawmk4	17_15.rawmk4	19_02.rawmk4	19_37.rawmk4	20_01.rawmk4
16_55.rawmk4	17_18.rawmk4	19_05.rawmk4	19_40.rawmk4	20_04.rawmk4
16_58.rawmk4	17_21.rawmk4	19_12.rawmk4	19_43.rawmk4	20_07.rawmk4
17_01.rawmk4	17_24.rawmk4	19_19.rawmk4	19_46.rawmk4	20_09.rawmk4
17_04.rawmk4	17_27.rawmk4	19_25.rawmk4	19_49.rawmk4	20_12.rawmk4
17_06.rawmk4	17_30.rawmk4	19_28.rawmk4	19_52.rawmk4	c19_09.rawmk4
17_09.rawmk4	17_33.rawmk4	19_31.rawmk4	19_55.rawmk4	c19_16.rawmk4
17_12.rawmk4	17_36.rawmk4	19_34.rawmk4	19_58.rawmk4	c19_22.rawmk4