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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 22 17:13:34 GMT 2004

Year: 04 Doy: 357

Observer: yasukawa

WEATHER COMMENT: Wed Dec 22 17:14:57 GMT 2004

In thick altocumulus and cirrostratus overcast, no shadows,  
S wind 5 mph, temp 38 F.

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

WEATHER COMMENT: Wed Dec 22 18:31:58 GMT 2004

Overcast thinned. Opening up to take some data.

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

Wed Dec 22 18:34:45 GMT 2004 CHIP Start Patrol

ECHO COMMENT: Wed Dec 22 18:34:49 GMT 2004

Time OK.

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

Wed Dec 22 18:36:34 GMT 2004 PICS Start Patrol

PSPT COMMENT: Wed Dec 22 18:36:45 GMT 2004

Starting up.

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

PSPT COMMENT: Wed Dec 22 18:42:58 GMT 2004

Observing.

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

WEATHER COMMENT: Wed Dec 22 21:37:06 GMT 2004

Clear. Centering mk4 O1.

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

Wed Dec 22 21:37:27 GMT 2004 MKIV Start Patrol

Wed Dec 22 21:50:17 GMT 2004 MKIV Start Cal

NICE MK4 IMAGE: 2159

Wed Dec 22 22:08:48 GMT 2004 MKIV End Cal

Wed Dec 22 22:08:53 GMT 2004 MKIV Start Patrol

NICE PICSDISC IMAGE: 2200

NICE PICSLIMB IMAGE: 2204

NICE CHIP IMAGE: 2201

WEATHER COMMENT: Wed Dec 22 22:33:12 GMT 2004

Back in broken cirrostratus ahead of another extensive deck of same.

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

Wed Dec 22 22:38:34 GMT 2004 MKIV End Patrol

Wed Dec 22 22:48:08 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Wed Dec 22 22:48:11 GMT 2004

Centered O1.

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

Wed Dec 22 23:23:40 GMT 2004 MKIV End Patrol

COMMENT: Wed Dec 22 23:50:51 GMT 2004

Declination reset itself. Repointed and reset guider.

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

WEATHER COMMENT: Thu Dec 23 00:04:20 GMT 2004

Extensive cirrostratus deck has arrived.

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

WEATHER COMMENT: Thu Dec 23 01:01:08 GMT 2004

Cirrostratus now very thick, sky tx <20, guiding iffy.  
Idling instruments.

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

Thu Dec 23 01:04:27 GMT 2004 PICS End Patrol

Thu Dec 23 01:04:46 GMT 2004 CHIP End Patrol

WEATHER COMMENT: Thu Dec 23 01:53:51 GMT 2004

No shadows.

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

Thu Dec 23 01:54:12 GMT 2004

MkIV

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| 21_37.rawmk4 | 22_08.rawmk4 | 22_29.rawmk4 | 22_59.rawmk4 | 23_20.rawmk4  |
| 21_40.rawmk4 | 22_11.rawmk4 | 22_32.rawmk4 | 23_02.rawmk4 | c21_50.rawmk4 |
| 21_43.rawmk4 | 22_14.rawmk4 | 22_35.rawmk4 | 23_05.rawmk4 | c21_56.rawmk4 |
| 21_46.rawmk4 | 22_17.rawmk4 | 22_48.rawmk4 | 23_08.rawmk4 | c22_02.rawmk4 |
| 21_53.rawmk4 | 22_20.rawmk4 | 22_51.rawmk4 | 23_11.rawmk4 |               |
| 21_59.rawmk4 | 22_23.rawmk4 | 22_53.rawmk4 | 23_14.rawmk4 |               |
| 22_05.rawmk4 | 22_26.rawmk4 | 22_56.rawmk4 | 23_17.rawmk4 |               |