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Mauna Loa Solar Observatory Observer's Log  
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Wed Oct 20 16:44:02 GMT 2004

Year: 04 Doy: 294

Observer: yasukawa

WEATHER COMMENT: Wed Oct 20 16:46:50 GMT 2004

Sun in fringe of high, solid deck of thunderclouds to east, SW breeze 2 mph, temp 38 F.

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

Wed Oct 20 16:53:46 GMT 2004 CHIP Start Patrol

Wed Oct 20 16:54:01 GMT 2004 PICS Start Patrol

WEATHER COMMENT: Wed Oct 20 17:10:31 GMT 2004

Fringes of the top of the thunderhead anvil is expanding westward, continues to obscure sun with thin altostratus.

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

Wed Oct 20 17:12:12 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Wed Oct 20 17:12:26 GMT 2004

Centered O1.

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

WEATHER COMMENT: Wed Oct 20 17:12:38 GMT 2004

Sun in gap between clouds, gap appears to be moving westward with sun's climb rate.

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

PSPT COMMENT: Wed Oct 20 17:14:17 GMT 2004

Starting up.

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

**\*\*PSPT PROBLEM\*\***: Wed Oct 20 17:26:07 GMT 2004

PSPT crashed at 1717 UT homing guider during startup. Killed and restarting.

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

WEATHER COMMENT: Wed Oct 20 17:29:02 GMT 2004

Mauna Kea summit has a light dusting of snow this morning.

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

WEATHER COMMENT: Wed Oct 20 17:34:18 GMT 2004

In edge of anvil top.

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

Wed Oct 20 17:36:05 GMT 2004 MKIV End Patrol

PSPT COMMENT: Wed Oct 20 17:49:17 GMT 2004

Starting DarkTest since PSPT is standing by in clouds. Startup has completed.

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

Wed Oct 20 18:01:31 GMT 2004 PICS Flat

Wed Oct 20 18:01:41 GMT 2004 CHIP End Patrol

Wed Oct 20 18:03:55 GMT 2004 PICS End Flat

Wed Oct 20 18:04:03 GMT 2004 PICS ReStart Patrol

Wed Oct 20 18:05:29 GMT 2004 PICS End Patrol

Wed Oct 20 18:10:49 GMT 2004 CHIP Start Patrol

Wed Oct 20 18:10:54 GMT 2004 PICS Start Patrol

WEATHER COMMENT: Wed Oct 20 18:10:40 GMT 2004  
Altostratus patch is overtaking sun, may be in hole for a while.

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

MKIV COMMENT: Wed Oct 20 18:11:38 GMT 2004  
Centered O1.

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

Wed Oct 20 18:11:50 GMT 2004 MKIV Start Cal

PSPT COMMENT: Wed Oct 20 18:22:14 GMT 2004

Dark Test pau, Observing.

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

NICE MK4 IMAGE: 1821

NICE CHIP IMAGE: 1820

NICE PICSLIMB IMAGE: 1821

NICE PICSDISC IMAGE: 1820

Wed Oct 20 18:30:39 GMT 2004 MKIV End Cal

Wed Oct 20 18:30:50 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Wed Oct 20 18:32:30 GMT 2004

Clear for now. Sun is out of thunderhead anvil top.

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

WEATHER COMMENT: Wed Oct 20 18:59:43 GMT 2004

Back in broken clouds.

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

ECHO COMMENT: Wed Oct 20 19:00:12 GMT 2004

Time OK.

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

Wed Oct 20 19:06:18 GMT 2004 MKIV End Patrol

Wed Oct 20 19:06:40 GMT 2004 CHIP End Patrol

Wed Oct 20 19:06:53 GMT 2004 PICS End Patrol

WEATHER COMMENT: Wed Oct 20 20:59:29 GMT 2004

Socked in. Closing domes.

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

Wed Oct 20 21:00:22 GMT 2004

MkIV

17\_12.rawmk4 17\_29.rawmk4 18\_33.rawmk4 18\_51.rawmk4 c18\_17.rawmk4

17\_15.rawmk4 17\_32.rawmk4 18\_36.rawmk4 18\_54.rawmk4 c18\_24.rawmk4

17\_18.rawmk4 18\_14.rawmk4 18\_39.rawmk4 18\_57.rawmk4

17\_21.rawmk4 18\_21.rawmk4 18\_42.rawmk4 19\_00.rawmk4

17\_24.rawmk4 18\_27.rawmk4 18\_45.rawmk4 19\_03.rawmk4

17\_27.rawmk4 18\_30.rawmk4 18\_48.rawmk4 c18\_11.rawmk4