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Mauna Loa Solar Observatory Observer's Log  
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Thu Dec 3 17:13:34 GMT 2009

Year: 09 Doy: 337

Observer: stueben

WEATHER COMMENT: Thu Dec 3 17:15:11 GMT 2009

Clear, wind south 10-15 mph, temp 40F.

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

Thu Dec 3 17:21:13 GMT 2009 CHIP Start Patrol

Thu Dec 3 17:21:33 GMT 2009 PICS Start Patrol

Thu Dec 3 17:37:20 GMT 2009 MKIV Start Patrol

PSPT COMMENT: Thu Dec 3 17:40:54 GMT 2009

Observing.

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

Thu Dec 3 18:00:41 GMT 2009 CHIP LSD

Thu Dec 3 18:01:03 GMT 2009 PICS Flat

Thu Dec 3 18:02:06 GMT 2009 CHIP End LSD

Thu Dec 3 18:02:15 GMT 2009 CHIP BiasLSD

Thu Dec 3 18:03:03 GMT 2009 CHIP End BiasLSD

Thu Dec 3 18:03:11 GMT 2009 CHIP Bias

Thu Dec 3 18:03:34 GMT 2009 PICS End Flat

Thu Dec 3 18:03:44 GMT 2009 PICS ReStart Patrol

Thu Dec 3 18:03:52 GMT 2009 CHIP End Bias

Thu Dec 3 18:04:12 GMT 2009 CHIP ReStart Patrol

Thu Dec 3 18:13:57 GMT 2009 MKIV Start Cal

Thu Dec 3 18:38:03 GMT 2009 MKIV Start Patrol

COMMENT: Thu Dec 3 21:11:40 GMT 2009

Dec axis reset, repointed spar.

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

Thu Dec 3 23:01:53 GMT 2009 CHIP LSD

Thu Dec 3 23:03:22 GMT 2009 CHIP End LSD

Thu Dec 3 23:03:31 GMT 2009 CHIP BiasLSD

Thu Dec 3 23:04:07 GMT 2009 CHIP End BiasLSD

Thu Dec 3 23:04:16 GMT 2009 CHIP Bias

Thu Dec 3 23:04:57 GMT 2009 CHIP End Bias

Thu Dec 3 23:05:05 GMT 2009 CHIP ReStart Patrol

NICE CHIP IMAGE: 1816

NICE PICSDISC IMAGE: 1813

NICE PICSLIMB IMAGE: 1816

NICE MK4 IMAGE: 1829

Fri Dec 4 02:23:24 GMT 2009 MKIV End Patrol

Fri Dec 4 02:23:36 GMT 2009 PICS End Patrol

Fri Dec 4 02:23:40 GMT 2009 CHIP End Patrol

Fri Dec 4 02:29:05 GMT 2009

MkIV

00\_01.rawmk4 01\_47.rawmk4 19\_01.rawmk4 20\_44.rawmk4 22\_27.rawmk4

00_04.rawmk4	01_50.rawmk4	19_04.rawmk4	20_47.rawmk4	22_30.rawmk4
00_07.rawmk4	01_53.rawmk4	19_07.rawmk4	20_50.rawmk4	22_33.rawmk4
00_10.rawmk4	01_56.rawmk4	19_10.rawmk4	20_53.rawmk4	22_36.rawmk4
00_13.rawmk4	01_59.rawmk4	19_13.rawmk4	20_56.rawmk4	22_38.rawmk4
00_15.rawmk4	02_02.rawmk4	19_16.rawmk4	20_59.rawmk4	22_41.rawmk4
00_18.rawmk4	02_05.rawmk4	19_19.rawmk4	21_02.rawmk4	22_44.rawmk4
00_21.rawmk4	02_08.rawmk4	19_22.rawmk4	21_04.rawmk4	22_47.rawmk4
00_24.rawmk4	02_11.rawmk4	19_25.rawmk4	21_07.rawmk4	22_50.rawmk4
00_27.rawmk4	02_14.rawmk4	19_28.rawmk4	21_10.rawmk4	22_53.rawmk4
00_30.rawmk4	02_17.rawmk4	19_30.rawmk4	21_13.rawmk4	22_56.rawmk4
00_33.rawmk4	02_20.rawmk4	19_33.rawmk4	21_16.rawmk4	22_59.rawmk4
00_36.rawmk4	17_37.rawmk4	19_36.rawmk4	21_19.rawmk4	23_02.rawmk4
00_39.rawmk4	17_40.rawmk4	19_39.rawmk4	21_22.rawmk4	23_05.rawmk4
00_42.rawmk4	17_43.rawmk4	19_42.rawmk4	21_25.rawmk4	23_08.rawmk4
00_45.rawmk4	17_46.rawmk4	19_45.rawmk4	21_28.rawmk4	23_11.rawmk4
00_48.rawmk4	17_49.rawmk4	19_48.rawmk4	21_31.rawmk4	23_14.rawmk4
00_51.rawmk4	17_52.rawmk4	19_51.rawmk4	21_34.rawmk4	23_17.rawmk4
00_54.rawmk4	17_55.rawmk4	19_54.rawmk4	21_37.rawmk4	23_20.rawmk4
00_57.rawmk4	17_58.rawmk4	19_57.rawmk4	21_40.rawmk4	23_23.rawmk4
00_59.rawmk4	18_01.rawmk4	20_00.rawmk4	21_43.rawmk4	23_25.rawmk4
01_02.rawmk4	18_04.rawmk4	20_03.rawmk4	21_46.rawmk4	23_28.rawmk4
01_05.rawmk4	18_07.rawmk4	20_06.rawmk4	21_49.rawmk4	23_31.rawmk4
01_08.rawmk4	18_09.rawmk4	20_09.rawmk4	21_51.rawmk4	23_34.rawmk4
01_11.rawmk4	18_17.rawmk4	20_12.rawmk4	21_54.rawmk4	23_37.rawmk4
01_14.rawmk4	18_23.rawmk4	20_15.rawmk4	21_57.rawmk4	23_40.rawmk4
01_17.rawmk4	18_29.rawmk4	20_17.rawmk4	22_00.rawmk4	23_43.rawmk4
01_20.rawmk4	18_38.rawmk4	20_20.rawmk4	22_03.rawmk4	23_46.rawmk4
01_23.rawmk4	18_41.rawmk4	20_23.rawmk4	22_06.rawmk4	23_49.rawmk4
01_26.rawmk4	18_43.rawmk4	20_26.rawmk4	22_09.rawmk4	23_52.rawmk4
01_29.rawmk4	18_46.rawmk4	20_29.rawmk4	22_12.rawmk4	23_55.rawmk4
01_35.rawmk4	18_49.rawmk4	20_32.rawmk4	22_15.rawmk4	23_58.rawmk4
01_39.rawmk4	18_52.rawmk4	20_35.rawmk4	22_18.rawmk4	c18_13.rawmk4
01_42.rawmk4	18_55.rawmk4	20_38.rawmk4	22_21.rawmk4	c18_20.rawmk4
01_44.rawmk4	18_58.rawmk4	20_41.rawmk4	22_24.rawmk4	c18_26.rawmk4