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Mauna Loa Solar Observatory Observer's Log  
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Sat Jun 20 16:29:57 GMT 2009

Year: 09 Doy: 171

Observer: stueben

WEATHER COMMENT: Sat Jun 20 16:30:09 GMT 2009

Clear, wind south 15-20 mph, temp 45F.

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

Sat Jun 20 16:44:44 GMT 2009	CHIP	Start Patrol
Sat Jun 20 16:45:20 GMT 2009	MKIV	Start Patrol
Sat Jun 20 16:45:20 GMT 2009	PICS	Start Patrol
Sat Jun 20 18:01:24 GMT 2009	PICS	Flat
Sat Jun 20 18:02:44 GMT 2009	CHIP	LSD
Sat Jun 20 18:04:00 GMT 2009	PICS	End Flat
Sat Jun 20 18:04:08 GMT 2009	PICS	ReStart Patrol
Sat Jun 20 18:04:13 GMT 2009	CHIP	End LSD
Sat Jun 20 18:04:21 GMT 2009	CHIP	BiasLSD
Sat Jun 20 18:05:07 GMT 2009	CHIP	End BiasLSD
Sat Jun 20 18:05:20 GMT 2009	CHIP	Bias
Sat Jun 20 18:06:12 GMT 2009	CHIP	End Bias
Sat Jun 20 18:06:22 GMT 2009	CHIP	ReStart Patrol
Sat Jun 20 18:26:19 GMT 2009	MKIV	End Patrol
Sat Jun 20 18:26:25 GMT 2009	MKIV	Start Cal
Sat Jun 20 18:45:10 GMT 2009	MKIV	End Cal
Sat Jun 20 18:45:16 GMT 2009	MKIV	Start Patrol
Sat Jun 20 19:54:45 GMT 2009	CHIP	End Patrol
Sat Jun 20 19:56:09 GMT 2009	MKIV	End Patrol
Sat Jun 20 19:56:29 GMT 2009	PICS	End Patrol

COMMENT: Sat Jun 20 20:02:53 GMT 2009

Reconfigured dome shutter.

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

Sat Jun 20 20:03:11 GMT 2009	MKIV	Start Patrol
Sat Jun 20 20:03:05 GMT 2009	CHIP	Start Patrol
Sat Jun 20 20:03:35 GMT 2009	PICS	Start Patrol

COMMENT: Sat Jun 20 22:48:57 GMT 2009

Dec axis reset, repointed spar.

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

COMMENT: Sat Jun 20 22:49:50 GMT 2009

I gave a tour to a California college professor and his family who have been at MLO this week calibrating Microtops.

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

Sat Jun 20 23:00:51 GMT 2009	CHIP	LSD
Sat Jun 20 23:02:19 GMT 2009	CHIP	End LSD
Sat Jun 20 23:02:27 GMT 2009	CHIP	BiasLSD
Sat Jun 20 23:03:02 GMT 2009	CHIP	End BiasLSD
Sat Jun 20 23:03:13 GMT 2009	CHIP	Bias
Sat Jun 20 23:03:47 GMT 2009	CHIP	End Bias

Sat Jun 20 23:03:54 GMT 2009 CHIP ReStart Patrol  
NICE CHIP IMAGE: 1729  
NICE PICSDISC IMAGE: 1730  
NICE PICSLIMB IMAGE: 1730  
NICE MK4 IMAGE: 1739  
Sun Jun 21 02:23:23 GMT 2009 PICS End Patrol  
Sun Jun 21 02:24:14 GMT 2009 CHIP End Patrol  
Sun Jun 21 02:26:12 GMT 2009 MKIV End Patrol  
Sun Jun 21 02:31:37 GMT 2009  
MkIV

00_01.rawmk4	01_56.rawmk4	18_14.rawmk4	20_26.rawmk4	22_25.rawmk4
00_04.rawmk4	01_59.rawmk4	18_17.rawmk4	20_29.rawmk4	22_28.rawmk4
00_07.rawmk4	02_02.rawmk4	18_20.rawmk4	20_32.rawmk4	22_30.rawmk4
00_10.rawmk4	02_05.rawmk4	18_23.rawmk4	20_35.rawmk4	22_33.rawmk4
00_13.rawmk4	02_08.rawmk4	18_29.rawmk4	20_38.rawmk4	22_36.rawmk4
00_16.rawmk4	02_11.rawmk4	18_35.rawmk4	20_41.rawmk4	22_39.rawmk4
00_19.rawmk4	02_14.rawmk4	18_41.rawmk4	20_44.rawmk4	22_42.rawmk4
00_22.rawmk4	02_17.rawmk4	18_45.rawmk4	20_47.rawmk4	22_45.rawmk4
00_25.rawmk4	02_19.rawmk4	18_48.rawmk4	20_50.rawmk4	22_48.rawmk4
00_28.rawmk4	02_22.rawmk4	18_51.rawmk4	20_53.rawmk4	22_51.rawmk4
00_31.rawmk4	16_45.rawmk4	18_54.rawmk4	20_55.rawmk4	22_54.rawmk4
00_34.rawmk4	16_48.rawmk4	18_57.rawmk4	20_59.rawmk4	22_57.rawmk4
00_37.rawmk4	16_51.rawmk4	19_00.rawmk4	21_01.rawmk4	23_00.rawmk4
00_40.rawmk4	16_57.rawmk4	19_02.rawmk4	21_04.rawmk4	23_03.rawmk4
00_43.rawmk4	17_00.rawmk4	19_05.rawmk4	21_07.rawmk4	23_06.rawmk4
00_45.rawmk4	17_03.rawmk4	19_08.rawmk4	21_10.rawmk4	23_09.rawmk4
00_48.rawmk4	17_06.rawmk4	19_11.rawmk4	21_13.rawmk4	23_12.rawmk4
00_51.rawmk4	17_09.rawmk4	19_14.rawmk4	21_16.rawmk4	23_14.rawmk4
00_54.rawmk4	17_12.rawmk4	19_17.rawmk4	21_19.rawmk4	23_17.rawmk4
00_57.rawmk4	17_15.rawmk4	19_20.rawmk4	21_22.rawmk4	23_20.rawmk4
01_00.rawmk4	17_18.rawmk4	19_23.rawmk4	21_25.rawmk4	23_23.rawmk4
01_03.rawmk4	17_21.rawmk4	19_26.rawmk4	21_28.rawmk4	23_26.rawmk4
01_06.rawmk4	17_24.rawmk4	19_29.rawmk4	21_31.rawmk4	23_29.rawmk4
01_09.rawmk4	17_27.rawmk4	19_32.rawmk4	21_34.rawmk4	23_32.rawmk4
01_12.rawmk4	17_30.rawmk4	19_35.rawmk4	21_37.rawmk4	23_35.rawmk4
01_15.rawmk4	17_33.rawmk4	19_38.rawmk4	21_40.rawmk4	23_38.rawmk4
01_18.rawmk4	17_36.rawmk4	19_41.rawmk4	21_42.rawmk4	23_41.rawmk4
01_21.rawmk4	17_39.rawmk4	19_44.rawmk4	21_45.rawmk4	23_44.rawmk4
01_24.rawmk4	17_42.rawmk4	19_47.rawmk4	21_48.rawmk4	23_47.rawmk4
01_27.rawmk4	17_45.rawmk4	19_49.rawmk4	21_51.rawmk4	23_50.rawmk4
01_30.rawmk4	17_47.rawmk4	19_52.rawmk4	21_54.rawmk4	23_53.rawmk4
01_33.rawmk4	17_50.rawmk4	20_03.rawmk4	21_57.rawmk4	23_56.rawmk4
01_35.rawmk4	17_53.rawmk4	20_06.rawmk4	22_00.rawmk4	23_58.rawmk4
01_38.rawmk4	17_56.rawmk4	20_09.rawmk4	22_03.rawmk4	c18_26.rawmk4
01_41.rawmk4	17_59.rawmk4	20_11.rawmk4	22_06.rawmk4	c18_32.rawmk4
01_44.rawmk4	18_02.rawmk4	20_14.rawmk4	22_09.rawmk4	c18_38.rawmk4
01_47.rawmk4	18_05.rawmk4	20_17.rawmk4	22_12.rawmk4	

01_50.rawmk4	18_08.rawmk4	20_20.rawmk4	22_18.rawmk4
01_53.rawmk4	18_11.rawmk4	20_23.rawmk4	22_22.rawmk4