
Mauna Loa Solar Observatory Observer's Log

Sat Jul 17 16:20:10 GMT 2004

Year: 04 Doy: 199

Observer: stueben

WEATHER COMMENT: Sat Jul 17 16:28:41 GMT 2004

Clear, wind south 15-20 mph, temp 41F.

Sat Jul 17 16:30:50 GMT 2004 CHIP Start Patrol

Sat Jul 17 16:31:10 GMT 2004 PICS Start Patrol

MKIV COMMENT: Sat Jul 17 16:50:55 GMT 2004

Centered 01 guider.

Sat Jul 17 16:51:15 GMT 2004 MKIV Start Patrol

ECHO COMMENT: Sat Jul 17 16:51:35 GMT 2004

Time OK.

PSPT COMMENT: Sat Jul 17 16:51:59 GMT 2004

Observing.

Sat Jul 17 18:00:45 GMT 2004 CHIP LSD

Sat Jul 17 18:02:25 GMT 2004 CHIP End LSD

Sat Jul 17 18:02:33 GMT 2004 CHIP BiasLSD

Sat Jul 17 18:03:28 GMT 2004 CHIP End BiasLSD

Sat Jul 17 18:03:36 GMT 2004 CHIP Bias

Sat Jul 17 18:03:56 GMT 2004 PICS Flat

Sat Jul 17 18:04:31 GMT 2004 CHIP End Bias

Sat Jul 17 18:06:19 GMT 2004 PICS End Flat

MKIV COMMENT: Sat Jul 17 18:16:40 GMT 2004

Centered 01 guider.

PSPT PROBLEM Sat Jul 17 18:22:09 GMT 2004

Guider found sun at startup, but was not on the sun at 18:00 when I checked.

RA axis was very loose so I tightened it and restarted. Also the dome had difficulty moving from the morning east facing position back south towards the shutdown position.

Sat Jul 17 18:43:17 GMT 2004 MKIV End Patrol

Sat Jul 17 18:43:24 GMT 2004 MKIV Start Cal

Sat Jul 17 19:02:09 GMT 2004 MKIV End Cal

Sat Jul 17 19:02:19 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sat Jul 17 19:11:08 GMT 2004

Centered 01 guider.

MKIV COMMENT: Sat Jul 17 20:15:49 GMT 2004

Centered 01 guider.

Sat Jul 17 20:16:29 GMT 2004 PICS End Patrol

Sat Jul 17 20:16:43 GMT 2004 CHIP End Patrol

Sat Jul 17 20:25:44 GMT 2004 CHIP Start Patrol

Sat Jul 17 20:26:07 GMT 2004 MKIV Start Patrol

Sat Jul 17 20:26:18 GMT 2004 PICS Start Patrol

**** EVENT COMMENT ****: Sat Jul 17 20:41:15 GMT 2004

Fast moving CME about PA 85-95 from about 19:15-19:45UT.

COMMENT: Sat Jul 17 21:24:27 GMT 2004

I just finished giving a tour to a mostly french speaking group of about a dozen.

MKIV COMMENT: Sat Jul 17 21:31:45 GMT 2004

Centered 01 guider.

COMMENT: Sat Jul 17 21:54:20 GMT 2004

Dec axis reset, repointed spar.

MKIV COMMENT: Sat Jul 17 22:59:53 GMT 2004

Centered 01 guider.

MKIV COMMENT: Sun Jul 18 00:19:06 GMT 2004

Centered 01 guider.

Sun Jul 18 01:00:39 GMT 2004 CHIP End Patrol

Sun Jul 18 01:03:19 GMT 2004 MKIV End Patrol

Sun Jul 18 01:04:47 GMT 2004 PICS End Patrol

Sun Jul 18 01:12:50 GMT 2004 MKIV Start Patrol

Sun Jul 18 01:14:03 GMT 2004 CHIP Start Patrol

Sun Jul 18 01:14:16 GMT 2004 PICS Start Patrol

COMMENT: Sun Jul 18 01:16:14 GMT 2004

Reconfigured dome shutter.

MKIV COMMENT: Sun Jul 18 01:16:40 GMT 2004

Centered 01 guider.

Sun Jul 18 02:06:01 GMT 2004 MKIV End Patrol

Sun Jul 18 02:06:10 GMT 2004 CHIP End Patrol

Sun Jul 18 02:06:24 GMT 2004 PICS End Patrol

Sun Jul 18 02:20:29 GMT 2004

MkIV

00_01.rawmk4	01_59.rawmk4	18_34.rawmk4	20_40.rawmk4	22_33.rawmk4
00_04.rawmk4	02_02.rawmk4	18_37.rawmk4	20_43.rawmk4	22_36.rawmk4
00_07.rawmk4	16_51.rawmk4	18_40.rawmk4	20_46.rawmk4	22_39.rawmk4
00_10.rawmk4	16_54.rawmk4	18_46.rawmk4	20_49.rawmk4	22_42.rawmk4
00_13.rawmk4	16_57.rawmk4	18_52.rawmk4	20_52.rawmk4	22_45.rawmk4
00_16.rawmk4	17_00.rawmk4	18_58.rawmk4	20_55.rawmk4	22_48.rawmk4
00_18.rawmk4	17_03.rawmk4	19_02.rawmk4	20_58.rawmk4	22_50.rawmk4
00_21.rawmk4	17_06.rawmk4	19_05.rawmk4	21_01.rawmk4	22_53.rawmk4
00_24.rawmk4	17_08.rawmk4	19_08.rawmk4	21_04.rawmk4	22_56.rawmk4
00_27.rawmk4	17_11.rawmk4	19_11.rawmk4	21_07.rawmk4	22_59.rawmk4
00_30.rawmk4	17_14.rawmk4	19_14.rawmk4	21_13.rawmk4	23_02.rawmk4
00_33.rawmk4	17_17.rawmk4	19_17.rawmk4	21_16.rawmk4	23_05.rawmk4
00_36.rawmk4	17_20.rawmk4	19_19.rawmk4	21_19.rawmk4	23_08.rawmk4
00_39.rawmk4	17_23.rawmk4	19_22.rawmk4	21_22.rawmk4	23_11.rawmk4
00_42.rawmk4	17_26.rawmk4	19_25.rawmk4	21_25.rawmk4	23_14.rawmk4
00_45.rawmk4	17_29.rawmk4	19_28.rawmk4	21_28.rawmk4	23_17.rawmk4
00_48.rawmk4	17_32.rawmk4	19_31.rawmk4	21_31.rawmk4	23_20.rawmk4
00_51.rawmk4	17_35.rawmk4	19_34.rawmk4	21_34.rawmk4	23_23.rawmk4
00_54.rawmk4	17_38.rawmk4	19_37.rawmk4	21_37.rawmk4	23_26.rawmk4
00_57.rawmk4	17_41.rawmk4	19_40.rawmk4	21_40.rawmk4	23_29.rawmk4
01_00.rawmk4	17_44.rawmk4	19_43.rawmk4	21_43.rawmk4	23_32.rawmk4
01_12.rawmk4	17_47.rawmk4	19_46.rawmk4	21_46.rawmk4	23_34.rawmk4

01_15.rawmk4	17_50.rawmk4	19_49.rawmk4	21_49.rawmk4	23_37.rawmk4
01_18.rawmk4	17_53.rawmk4	19_52.rawmk4	21_52.rawmk4	23_40.rawmk4
01_21.rawmk4	17_55.rawmk4	19_55.rawmk4	21_55.rawmk4	23_43.rawmk4
01_24.rawmk4	17_58.rawmk4	19_58.rawmk4	21_58.rawmk4	23_46.rawmk4
01_27.rawmk4	18_01.rawmk4	20_01.rawmk4	22_01.rawmk4	23_49.rawmk4
01_30.rawmk4	18_04.rawmk4	20_04.rawmk4	22_03.rawmk4	23_52.rawmk4
01_33.rawmk4	18_07.rawmk4	20_06.rawmk4	22_06.rawmk4	23_55.rawmk4
01_36.rawmk4	18_10.rawmk4	20_09.rawmk4	22_09.rawmk4	23_58.rawmk4
01_39.rawmk4	18_13.rawmk4	20_12.rawmk4	22_12.rawmk4	c18_43.rawmk4
01_42.rawmk4	18_16.rawmk4	20_15.rawmk4	22_15.rawmk4	c18_49.rawmk4
01_45.rawmk4	18_19.rawmk4	20_26.rawmk4	22_18.rawmk4	c18_55.rawmk4
01_48.rawmk4	18_22.rawmk4	20_29.rawmk4	22_21.rawmk4	
01_51.rawmk4	18_25.rawmk4	20_32.rawmk4	22_24.rawmk4	
01_54.rawmk4	18_28.rawmk4	20_34.rawmk4	22_27.rawmk4	
01_56.rawmk4	18_31.rawmk4	20_37.rawmk4	22_30.rawmk4	