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Mauna Loa Solar Observatory Observer's Log  
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Sat Jul 29 16:30:28 GMT 2006

Year: 06 Doy: 210

Observer: stueben

Sat Jul 29 16:42:24 GMT 2006 CHIP Start Patrol

Sat Jul 29 16:42:43 GMT 2006 PICS Start Patrol

WEATHER COMMENT: Sat Jul 29 16:48:59 GMT 2006

Clear, wind southeast 5-10 mph, temp 43F.

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

SBM COMMENT: Sat Jul 29 16:52:36 GMT 2006

Observing.

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

PSPT COMMENT: Sat Jul 29 17:07:41 GMT 2006

Observing.

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

**\*\*MKIV PROBLEM\*\***: Sat Jul 29 17:20:03 GMT 2006

At startup - no CW (or CCW) pulses at signal transformation board, barrel status shows CW limit, barrel angle display shows 359+ deg (-.02 deg on monitor), CW Limit scrolling in akamai window. Switching to the control screen and selecting CCW motion stops CW Limit and CW Limit status LED goes out, but no pulses show and barrel angle display does not change.

About 1715UT I notice barrel moving, CCW pulses show on signal transformation board.

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

Sat Jul 29 17:31:17 GMT 2006 MKIV Start Patrol

**\*\*MKIV PROBLEM\*\***: Sat Jul 29 17:40:56 GMT 2006

Mk4 is now running normally - the joy of troubleshooting intermittently operating systems is that you can't do much troubleshooting when they are working.

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

Sat Jul 29 18:00:42 GMT 2006 CHIP LSD

Sat Jul 29 18:01:16 GMT 2006 PICS Flat

Sat Jul 29 18:02:23 GMT 2006 CHIP End LSD

Sat Jul 29 18:02:32 GMT 2006 CHIP BiasLSD

Sat Jul 29 18:03:14 GMT 2006 CHIP End BiasLSD

Sat Jul 29 18:03:22 GMT 2006 CHIP Bias

Sat Jul 29 18:03:47 GMT 2006 PICS End Flat

Sat Jul 29 18:04:01 GMT 2006 PICS ReStart Patrol

Sat Jul 29 18:04:04 GMT 2006 CHIP End Bias

Sat Jul 29 18:04:21 GMT 2006 CHIP ReStart Patrol

Sat Jul 29 18:07:18 GMT 2006 MKIV End Patrol

Sat Jul 29 18:27:48 GMT 2006 MKIV Start Patrol

**\*\*PSPT PROBLEM\*\***: Sat Jul 29 18:59:30 GMT 2006

Crashed about 1840UT, killed and restarted.

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

WEATHER COMMENT: Sat Jul 29 19:01:51 GMT 2006

Orographic clouds are beginning to degrade images.

\_\_\_end\_\_\_  
Sat Jul 29 19:55:44 GMT 2006 CHIP End Patrol  
Sat Jul 29 19:56:14 GMT 2006 MKIV End Patrol  
Sat Jul 29 19:56:37 GMT 2006 PICS End Patrol  
COMMENT: Sat Jul 29 20:04:58 GMT 2006  
Reconfigured dome shutter.

\_\_\_end\_\_\_  
Sat Jul 29 20:05:52 GMT 2006 MKIV Start Patrol  
Sat Jul 29 20:06:10 GMT 2006 CHIP Start Patrol  
Sat Jul 29 20:06:26 GMT 2006 PICS Start Patrol  
Sat Jul 29 20:13:46 GMT 2006 PICS End Patrol  
Sat Jul 29 20:13:48 GMT 2006 CHIP End Patrol  
Sat Jul 29 20:17:56 GMT 2006 MKIV End Patrol  
WEATHER COMMENT: Sat Jul 29 20:23:46 GMT 2006  
Clouds have become dense, instruments idled.

\_\_\_end\_\_\_  
NICE CHIP IMAGE: 1733  
NICE PICSDISC IMAGE: 1736  
NICE PICSLIMB IMAGE: 1734  
NICE MK4 IMAGE: 1734  
Sat Jul 29 23:31:39 GMT 2006  
MkIV

17_31.rawmk4	18_04.rawmk4	18_48.rawmk4	19_20.rawmk4	19_52.rawmk4
17_34.rawmk4	18_11.rawmk4	18_51.rawmk4	19_23.rawmk4	20_05.rawmk4
17_37.rawmk4	18_17.rawmk4	18_54.rawmk4	19_26.rawmk4	20_08.rawmk4
17_40.rawmk4	18_23.rawmk4	18_57.rawmk4	19_29.rawmk4	20_11.rawmk4
17_43.rawmk4	18_27.rawmk4	19_00.rawmk4	19_32.rawmk4	20_14.rawmk4
17_46.rawmk4	18_30.rawmk4	19_03.rawmk4	19_35.rawmk4	c18_07.rawmk4
17_49.rawmk4	18_33.rawmk4	19_05.rawmk4	19_38.rawmk4	c18_14.rawmk4
17_52.rawmk4	18_36.rawmk4	19_08.rawmk4	19_41.rawmk4	c18_20.rawmk4
17_55.rawmk4	18_39.rawmk4	19_11.rawmk4	19_44.rawmk4	
17_58.rawmk4	18_42.rawmk4	19_14.rawmk4	19_47.rawmk4	
18_01.rawmk4	18_45.rawmk4	19_17.rawmk4	19_50.rawmk4	