
Mauna Loa Solar Observatory Observer's Log

Sat Dec 11 17:15:46 GMT 2004

Year: 04 Doy: 346

Observer: stueben

WEATHER COMMENT: Sat Dec 11 17:18:45 GMT 2004

Clear, wind south 5-10 mph, temp 36F.

____end____

Sat Dec 11 17:19:51 GMT 2004 CHIP Start Patrol

Sat Dec 11 17:20:13 GMT 2004 PICS Start Patrol

PSPT COMMENT: Sat Dec 11 17:45:28 GMT 2004

Observing.

____end____

MKIV COMMENT: Sat Dec 11 17:45:43 GMT 2004

Centered 01 guider.

____end____

Sat Dec 11 17:45:57 GMT 2004 MKIV Start Patrol

Sat Dec 11 18:00:26 GMT 2004 PICS Flat

Sat Dec 11 18:01:48 GMT 2004 CHIP LSD

Sat Dec 11 18:02:52 GMT 2004 PICS End Flat

Sat Dec 11 18:02:59 GMT 2004 PICS ReStart Patrol

Sat Dec 11 18:03:35 GMT 2004 CHIP End LSD

Sat Dec 11 18:03:48 GMT 2004 CHIP BiasLSD

Sat Dec 11 18:04:49 GMT 2004 CHIP End BiasLSD

Sat Dec 11 18:04:58 GMT 2004 CHIP Bias

Sat Dec 11 18:05:50 GMT 2004 CHIP End Bias

Sat Dec 11 18:05:58 GMT 2004 CHIP ReStart Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Dec 11 18:30:53 GMT 2004

MKIV COMMENT: Sat Dec 11 18:33:04 GMT 2004

Centered 01 guider.

____end____

Sat Dec 11 18:39:17 GMT 2004 MKIV End Patrol

Sat Dec 11 18:39:22 GMT 2004 MKIV Start Cal

Sat Dec 11 18:58:13 GMT 2004 MKIV End Cal

Sat Dec 11 18:58:22 GMT 2004 MKIV Start Patrol

MKIV COMMENT: Sat Dec 11 20:20:51 GMT 2004

Centered 01 guider.

____end____

MKIV COMMENT: Sat Dec 11 21:30:40 GMT 2004

Centered 01 guider.

____end____

MKIV COMMENT: Sat Dec 11 23:19:59 GMT 2004

Centered 01 guider.

____end____

COMMENT: Sat Dec 11 23:25:03 GMT 2004

Idling instruments to swap in new 01 guider.

____end____

Sat Dec 11 23:29:00 GMT 2004 MKIV End Patrol
Sat Dec 11 23:28:46 GMT 2004 CHIP End Patrol
Sat Dec 11 23:28:58 GMT 2004 PICS End Patrol
Sun Dec 12 00:08:21 GMT 2004 MKIV Start Patrol
Sun Dec 12 00:08:40 GMT 2004 CHIP Start Patrol
Sun Dec 12 00:08:54 GMT 2004 PICS Start Patrol

COMMENT: Sun Dec 12 00:11:12 GMT 2004

Instruments restarted with new 01 guider installed. Feedback polarity appears to be correct for both X and Y axis. Y axis cannot correct error to 0 because 0 is beyond the mechanical limit. Measuring the old 01 guider shows an offset of a little over -1V between the Y error input and the output of the Y agc amp. Since the agc amp drives the OCP error meter and the step motors, the Y axis actually has an error of -1V when the meter reads 0 and the error servo thinks it has corrected to zero error.

____end____

MKIV COMMENT: Sun Dec 12 00:57:04 GMT 2004

Centered 01 guider X axis with new 01 guider, Y axis disabled until it is adjusted so error can be zeroed.

____end____

COMMENT: Sun Dec 12 00:59:43 GMT 2004

Leaving the new 01 guider in to get some run time and look for any problems. Present operation is to leave power on and use the RUN/STOP switch to zero errors every hour or so like the old 01 guider. Y axis is disabled and OCP Y axis error will read 0, but a voltmeter is connected to monitor Y axis error voltage if desired.

ll

____end____

COMMENT: Sun Dec 12 01:55:09 GMT 2004

Just finished giving a tour to a lone tourist.

____end____

Sun Dec 12 02:28:33 GMT 2004 CHIP End Patrol

Sun Dec 12 02:28:54 GMT 2004 PICS End Patrol

Sun Dec 12 02:37:08 GMT 2004

MkIV

00_08.rawmk4	01_45.rawmk4	18_42.rawmk4	20_26.rawmk4	22_03.rawmk4
00_11.rawmk4	01_48.rawmk4	18_48.rawmk4	20_29.rawmk4	22_06.rawmk4
00_14.rawmk4	01_51.rawmk4	18_54.rawmk4	20_32.rawmk4	22_09.rawmk4
00_17.rawmk4	01_54.rawmk4	18_58.rawmk4	20_35.rawmk4	22_12.rawmk4
00_20.rawmk4	01_57.rawmk4	19_01.rawmk4	20_38.rawmk4	22_15.rawmk4
00_23.rawmk4	01_59.rawmk4	19_04.rawmk4	20_41.rawmk4	22_18.rawmk4
00_26.rawmk4	02_02.rawmk4	19_07.rawmk4	20_44.rawmk4	22_21.rawmk4
00_28.rawmk4	02_05.rawmk4	19_10.rawmk4	20_47.rawmk4	22_23.rawmk4
00_31.rawmk4	02_08.rawmk4	19_13.rawmk4	20_49.rawmk4	22_26.rawmk4
00_34.rawmk4	02_11.rawmk4	19_15.rawmk4	20_52.rawmk4	22_29.rawmk4
00_37.rawmk4	02_14.rawmk4	19_18.rawmk4	20_55.rawmk4	22_32.rawmk4
00_40.rawmk4	02_17.rawmk4	19_21.rawmk4	20_58.rawmk4	22_35.rawmk4

00_43.rawmk4	02_20.rawmk4	19_24.rawmk4	21_01.rawmk4	22_38.rawmk4
00_46.rawmk4	02_23.rawmk4	19_27.rawmk4	21_04.rawmk4	22_41.rawmk4
00_49.rawmk4	02_26.rawmk4	19_30.rawmk4	21_07.rawmk4	22_44.rawmk4
00_52.rawmk4	17_45.rawmk4	19_33.rawmk4	21_10.rawmk4	22_47.rawmk4
00_55.rawmk4	17_49.rawmk4	19_36.rawmk4	21_13.rawmk4	22_50.rawmk4
00_58.rawmk4	17_51.rawmk4	19_39.rawmk4	21_16.rawmk4	22_53.rawmk4
01_01.rawmk4	17_54.rawmk4	19_42.rawmk4	21_19.rawmk4	22_56.rawmk4
01_04.rawmk4	17_57.rawmk4	19_45.rawmk4	21_22.rawmk4	22_59.rawmk4
01_07.rawmk4	18_00.rawmk4	19_48.rawmk4	21_25.rawmk4	23_02.rawmk4
01_10.rawmk4	18_03.rawmk4	19_51.rawmk4	21_28.rawmk4	23_05.rawmk4
01_13.rawmk4	18_06.rawmk4	19_54.rawmk4	21_31.rawmk4	23_07.rawmk4
01_15.rawmk4	18_09.rawmk4	19_57.rawmk4	21_34.rawmk4	23_10.rawmk4
01_18.rawmk4	18_12.rawmk4	19_59.rawmk4	21_37.rawmk4	23_13.rawmk4
01_21.rawmk4	18_15.rawmk4	20_02.rawmk4	21_39.rawmk4	23_16.rawmk4
01_24.rawmk4	18_18.rawmk4	20_05.rawmk4	21_42.rawmk4	23_19.rawmk4
01_27.rawmk4	18_21.rawmk4	20_08.rawmk4	21_45.rawmk4	23_22.rawmk4
01_30.rawmk4	18_24.rawmk4	20_11.rawmk4	21_48.rawmk4	23_25.rawmk4
01_33.rawmk4	18_27.rawmk4	20_14.rawmk4	21_51.rawmk4	c18_39.rawmk4
01_36.rawmk4	18_30.rawmk4	20_17.rawmk4	21_54.rawmk4	c18_45.rawmk4
01_39.rawmk4	18_33.rawmk4	20_20.rawmk4	21_57.rawmk4	c18_51.rawmk4
01_42.rawmk4	18_36.rawmk4	20_23.rawmk4	22_00.rawmk4	