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Mauna Loa Solar Observatory Observer's Log  
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Thu Jul 19 16:38:21 GMT 2007

Year: 07 Doy: 200

Observer: koon

WEATHER COMMENT: Thu Jul 19 16:38:23 GMT 2007

Clear sky, wind=10 mph from the SE, temp=45F.

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

Thu Jul 19 16:42:56 GMT 2007 MKIV Start Patrol

Thu Jul 19 16:49:04 GMT 2007 CHIP Start Patrol

Thu Jul 19 16:49:23 GMT 2007 PICS Start Patrol

\*\*PICS PROBLEM\*\* : Thu Jul 19 16:49:30 GMT 2007

Neither PICS nor CHIP would startup correctly despite several tries with the "run" command, cycled MCC power to fix.

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

\*\*CHIP PROBLEM\*\* : Thu Jul 19 16:50:55 GMT 2007

See PICS problem above.

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

PSPT COMMENT: Thu Jul 19 17:45:06 GMT 2007

Obs.

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

\*\*MKIV PROBLEM\*\* : Thu Jul 19 17:55:45 GMT 2007

The scans look very noise-free, but the corona looks much fainter than normal on the realtime scans, the animated scans look better though fainter than I would expect for such good clear sky conditions. The O-scope Monitor double hump signal looks normal.

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

Thu Jul 19 18:02:13 GMT 2007 PICS Flat

Thu Jul 19 18:03:29 GMT 2007 CHIP End LSD

Thu Jul 19 18:03:42 GMT 2007 CHIP BiasLSD

Thu Jul 19 18:04:33 GMT 2007 PICS End Flat

Thu Jul 19 18:04:38 GMT 2007 CHIP End BiasLSD

Thu Jul 19 18:04:43 GMT 2007 PICS ReStart Patrol

Thu Jul 19 18:04:50 GMT 2007 CHIP Bias

Thu Jul 19 18:05:43 GMT 2007 CHIP End Bias

Thu Jul 19 18:05:53 GMT 2007 CHIP ReStart Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Jul 19 18:17:09 GMT 2007

Thu Jul 19 18:19:51 GMT 2007 MKIV Start Patrol

WEATHER COMMENT: Thu Jul 19 19:15:37 GMT 2007

Thin cirrostratus.

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

COMMENT: Thu Jul 19 20:19:50 GMT 2007

Extended the dome slot.

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

COMMENT: Thu Jul 19 21:42:52 GMT 2007

Lost Dec guiding, repointed and reset guider.

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

NICE CHIP IMAGE: 1719  
NICE PICSDISC IMAGE: 1801  
NICE PICSLIMB IMAGE: 1728  
NICE MK4 IMAGE: 1753  
Fri Jul 20 02:06:53 GMT 2007  
Fri Jul 20 02:08:15 GMT 2007  
Fri Jul 20 02:11:46 GMT 2007  
Fri Jul 20 02:24:40 GMT 2007

CHIP End Patrol  
PICS End Patrol  
MKIV End Patrol

MkIV

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|--------------|--------------|--------------|--------------|---------------|
| 00_02.rawmk4 | 01_53.rawmk4 | 18_28.rawmk4 | 20_20.rawmk4 | 22_15.rawmk4  |
| 00_05.rawmk4 | 01_56.rawmk4 | 18_31.rawmk4 | 20_23.rawmk4 | 22_18.rawmk4  |
| 00_08.rawmk4 | 01_59.rawmk4 | 18_34.rawmk4 | 20_26.rawmk4 | 22_21.rawmk4  |
| 00_11.rawmk4 | 02_02.rawmk4 | 18_37.rawmk4 | 20_29.rawmk4 | 22_24.rawmk4  |
| 00_13.rawmk4 | 02_05.rawmk4 | 18_40.rawmk4 | 20_32.rawmk4 | 22_27.rawmk4  |
| 00_16.rawmk4 | 02_08.rawmk4 | 18_43.rawmk4 | 20_35.rawmk4 | 22_30.rawmk4  |
| 00_19.rawmk4 | 16_42.rawmk4 | 18_46.rawmk4 | 20_37.rawmk4 | 22_33.rawmk4  |
| 00_22.rawmk4 | 16_45.rawmk4 | 18_49.rawmk4 | 20_40.rawmk4 | 22_36.rawmk4  |
| 00_25.rawmk4 | 16_48.rawmk4 | 18_52.rawmk4 | 20_43.rawmk4 | 22_39.rawmk4  |
| 00_28.rawmk4 | 16_51.rawmk4 | 18_55.rawmk4 | 20_46.rawmk4 | 22_42.rawmk4  |
| 00_31.rawmk4 | 16_54.rawmk4 | 18_58.rawmk4 | 20_49.rawmk4 | 22_47.rawmk4  |
| 00_34.rawmk4 | 16_57.rawmk4 | 19_01.rawmk4 | 20_52.rawmk4 | 22_51.rawmk4  |
| 00_37.rawmk4 | 17_00.rawmk4 | 19_03.rawmk4 | 20_55.rawmk4 | 22_54.rawmk4  |
| 00_40.rawmk4 | 17_03.rawmk4 | 19_06.rawmk4 | 20_58.rawmk4 | 22_57.rawmk4  |
| 00_43.rawmk4 | 17_06.rawmk4 | 19_09.rawmk4 | 21_01.rawmk4 | 23_00.rawmk4  |
| 00_46.rawmk4 | 17_09.rawmk4 | 19_12.rawmk4 | 21_04.rawmk4 | 23_03.rawmk4  |
| 00_49.rawmk4 | 17_12.rawmk4 | 19_15.rawmk4 | 21_07.rawmk4 | 23_06.rawmk4  |
| 00_52.rawmk4 | 17_15.rawmk4 | 19_18.rawmk4 | 21_10.rawmk4 | 23_09.rawmk4  |
| 00_55.rawmk4 | 17_18.rawmk4 | 19_21.rawmk4 | 21_13.rawmk4 | 23_12.rawmk4  |
| 00_58.rawmk4 | 17_21.rawmk4 | 19_24.rawmk4 | 21_16.rawmk4 | 23_15.rawmk4  |
| 01_00.rawmk4 | 17_24.rawmk4 | 19_27.rawmk4 | 21_19.rawmk4 | 23_18.rawmk4  |
| 01_03.rawmk4 | 17_27.rawmk4 | 19_30.rawmk4 | 21_21.rawmk4 | 23_21.rawmk4  |
| 01_06.rawmk4 | 17_30.rawmk4 | 19_33.rawmk4 | 21_24.rawmk4 | 23_24.rawmk4  |
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| 01_12.rawmk4 | 17_36.rawmk4 | 19_39.rawmk4 | 21_34.rawmk4 | 23_29.rawmk4  |
| 01_15.rawmk4 | 17_38.rawmk4 | 19_42.rawmk4 | 21_37.rawmk4 | 23_32.rawmk4  |
| 01_18.rawmk4 | 17_41.rawmk4 | 19_45.rawmk4 | 21_40.rawmk4 | 23_35.rawmk4  |
| 01_21.rawmk4 | 17_44.rawmk4 | 19_47.rawmk4 | 21_43.rawmk4 | 23_38.rawmk4  |
| 01_24.rawmk4 | 17_47.rawmk4 | 19_50.rawmk4 | 21_46.rawmk4 | 23_41.rawmk4  |
| 01_27.rawmk4 | 17_50.rawmk4 | 19_53.rawmk4 | 21_49.rawmk4 | 23_44.rawmk4  |
| 01_30.rawmk4 | 17_53.rawmk4 | 19_56.rawmk4 | 21_52.rawmk4 | 23_47.rawmk4  |
| 01_33.rawmk4 | 17_56.rawmk4 | 19_59.rawmk4 | 21_55.rawmk4 | 23_50.rawmk4  |
| 01_36.rawmk4 | 18_02.rawmk4 | 20_02.rawmk4 | 21_58.rawmk4 | 23_53.rawmk4  |
| 01_39.rawmk4 | 18_09.rawmk4 | 20_05.rawmk4 | 22_01.rawmk4 | 23_56.rawmk4  |
| 01_42.rawmk4 | 18_15.rawmk4 | 20_08.rawmk4 | 22_03.rawmk4 | 23_59.rawmk4  |
| 01_45.rawmk4 | 18_19.rawmk4 | 20_11.rawmk4 | 22_06.rawmk4 | c17_59.rawmk4 |
| 01_48.rawmk4 | 18_22.rawmk4 | 20_14.rawmk4 | 22_09.rawmk4 | c18_06.rawmk4 |
| 01_50.rawmk4 | 18_25.rawmk4 | 20_17.rawmk4 | 22_12.rawmk4 | c18_12.rawmk4 |