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Mauna Loa Solar Observatory Observer's Log  
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Thu Jul 22 16:51:37 GMT 2004

Year: 04 Doy: 204

Observer: koon

Thu Jul 22 16:55:09 GMT 2004 MKIV Start Patrol

WEATHER COMMENT: Thu Jul 22 16:51:38 GMT 2004

Clear sky, no wind, temp=46 F.

Thu Jul 22 16:55:21 GMT 2004 CHIP Start Patrol

Thu Jul 22 16:56:07 GMT 2004 PICS Start Patrol

ECHO COMMENT: Thu Jul 22 16:59:41 GMT 2004

Time OK.

PSPT COMMENT: Thu Jul 22 17:12:36 GMT 2004

Observing.

MKIV COMMENT: Thu Jul 22 17:12:59 GMT 2004

Centered occulting.

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Jul 22 17:41:47 GMT 2004

Thu Jul 22 18:02:22 GMT 2004 CHIP LSD

Thu Jul 22 18:06:09 GMT 2004 PICS Flat

Thu Jul 22 18:06:10 GMT 2004 CHIP End LSD

Thu Jul 22 18:06:30 GMT 2004 CHIP BiasLSD

Thu Jul 22 18:07:59 GMT 2004 CHIP End BiasLSD

Thu Jul 22 18:08:12 GMT 2004 CHIP Bias

Thu Jul 22 18:09:38 GMT 2004 CHIP End Bias

Thu Jul 22 18:10:20 GMT 2004 PICS End Flat

Thu Jul 22 19:04:47 GMT 2004 MKIV End Patrol

Thu Jul 22 19:04:59 GMT 2004 MKIV Start Cal

Thu Jul 22 19:23:54 GMT 2004 MKIV End Cal

Thu Jul 22 19:24:00 GMT 2004 MKIV Start Patrol

Thu Jul 22 19:43:12 GMT 2004 PICS End Patrol

Thu Jul 22 19:44:53 GMT 2004 PICS Start Patrol

\*\*PICS PROBLEM\*\*: Thu Jul 22 19:40:24 GMT 2004

Last images were at 1851. The Program field shows sync...XX.53 where XX is the current minute, normally this spans only a few minutes then the obs sequence restart when the minute reaches the second number - i.e. 1953 UT in this case.

So more obs probably won't happen until 1953 - a one hour delay instead of a few minutes. I stopped and restarted Patrol, that seemed to fix it.

COMMENT: Thu Jul 22 19:54:15 GMT 2004

Extended the dome slot.

MKIV COMMENT: Thu Jul 22 19:56:23 GMT 2004

Centered occulting.

\*\*PICS PROBLEM\*\*: Thu Jul 22 20:13:40 GMT 2004

Now I'm seeing Program: sync...12.51, which means there probably won't be any obs until 2051. This time I'll try a Kill/Run cycle to fix it.

Thu Jul 22 20:15:27 GMT 2004 PICS End Patrol

Thu Jul 22 20:20:10 GMT 2004 PICS Start Patrol

Thu Jul 22 21:36:57 GMT 2004 PICS End Patrol

\*\*PICS PROBLEM\*\* : Thu Jul 22 21:36:54 GMT 2004  
Still malfunctioning, now have Program:sync...35.62  
Will stop and cycle MCC power and restart .

CHIP COMMENT: Thu Jul 22 21:41:29 GMT 2004

Did a Kill/Run cycle on this too since I cycled the MCC power.

Thu Jul 22 21:43:06 GMT 2004 PICS Start Patrol  
Thu Jul 22 21:43:30 GMT 2004 CHIP Start Patrol  
Thu Jul 22 21:57:57 GMT 2004 CHIP End Patrol  
Thu Jul 22 22:02:50 GMT 2004 MKIV End Patrol  
Thu Jul 22 22:09:44 GMT 2004 PICS End Patrol  
Thu Jul 22 22:33:36 GMT 2004

MkIV

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 16_55.rawmk4 | 17_56.rawmk4 | 18_58.rawmk4 | 20_10.rawmk4 | 21_12.rawmk4  |
| 16_58.rawmk4 | 17_59.rawmk4 | 19_01.rawmk4 | 20_13.rawmk4 | 21_15.rawmk4  |
| 17_01.rawmk4 | 18_02.rawmk4 | 19_08.rawmk4 | 20_16.rawmk4 | 21_18.rawmk4  |
| 17_04.rawmk4 | 18_05.rawmk4 | 19_14.rawmk4 | 20_19.rawmk4 | 21_21.rawmk4  |
| 17_07.rawmk4 | 18_08.rawmk4 | 19_20.rawmk4 | 20_22.rawmk4 | 21_24.rawmk4  |
| 17_09.rawmk4 | 18_11.rawmk4 | 19_24.rawmk4 | 20_25.rawmk4 | 21_27.rawmk4  |
| 17_12.rawmk4 | 18_14.rawmk4 | 19_26.rawmk4 | 20_28.rawmk4 | 21_30.rawmk4  |
| 17_15.rawmk4 | 18_17.rawmk4 | 19_29.rawmk4 | 20_31.rawmk4 | 21_33.rawmk4  |
| 17_18.rawmk4 | 18_20.rawmk4 | 19_32.rawmk4 | 20_34.rawmk4 | 21_36.rawmk4  |
| 17_21.rawmk4 | 18_23.rawmk4 | 19_35.rawmk4 | 20_37.rawmk4 | 21_39.rawmk4  |
| 17_24.rawmk4 | 18_26.rawmk4 | 19_38.rawmk4 | 20_40.rawmk4 | 21_42.rawmk4  |
| 17_27.rawmk4 | 18_29.rawmk4 | 19_41.rawmk4 | 20_43.rawmk4 | 21_44.rawmk4  |
| 17_30.rawmk4 | 18_32.rawmk4 | 19_44.rawmk4 | 20_46.rawmk4 | 21_47.rawmk4  |
| 17_33.rawmk4 | 18_35.rawmk4 | 19_47.rawmk4 | 20_49.rawmk4 | 21_50.rawmk4  |
| 17_36.rawmk4 | 18_37.rawmk4 | 19_50.rawmk4 | 20_52.rawmk4 | 21_53.rawmk4  |
| 17_39.rawmk4 | 18_40.rawmk4 | 19_53.rawmk4 | 20_55.rawmk4 | 21_56.rawmk4  |
| 17_42.rawmk4 | 18_43.rawmk4 | 19_56.rawmk4 | 20_57.rawmk4 | 21_59.rawmk4  |
| 17_45.rawmk4 | 18_46.rawmk4 | 19_59.rawmk4 | 21_00.rawmk4 | c19_04.rawmk4 |
| 17_48.rawmk4 | 18_49.rawmk4 | 20_02.rawmk4 | 21_03.rawmk4 | c19_11.rawmk4 |
| 17_51.rawmk4 | 18_52.rawmk4 | 20_05.rawmk4 | 21_06.rawmk4 | c19_17.rawmk4 |
| 17_53.rawmk4 | 18_55.rawmk4 | 20_08.rawmk4 | 21_09.rawmk4 |               |