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Mauna Loa Solar Observatory Observer's Log  
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Thu Mar 16 17:18:21 GMT 2000

Year: 00 Doy: 076

Observer: koon

WEATHER COMMENT: Thu Mar 16 17:18:22 GMT 2000

Clear sky, wind=30 mph from the SSE, temp=44 F.

ializing new tape

Thu Mar 16 17:23:08 GMT 2000 MKIV Start Patrol

Thu Mar 16 17:23:20 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Thu Mar 16 17:23:20 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Thu Mar 16 17:31:05 GMT 2000 PICS End Patrol

PICS COMMENT: Thu Mar 16 17:37:29 GMT 2000

I started observing using yesterday's data tape, there was a mixup yesterday. So I removed P01693 and replaced it with a new tape P01694 and restarted obs.

Thu Mar 16 17:41:55 GMT 2000 PICS Start Patrol

Thu Mar 16 18:02:52 GMT 2000 PICS Flat

Thu Mar 16 18:05:39 GMT 2000 PICS End Flat

COMMENT: Thu Mar 16 18:29:47 GMT 2000

Spar is having trouble tracking due to high wind.

\*\*MKIV PROBLEM\*\*: Thu Mar 16 19:09:45 GMT 2000

I don't see any structure in the scans, kind of like a Dark scan but I do see the signal coming through on the O-scope. This starts on the 1855 scan which is right after the calibration I think.

Thu Mar 16 19:14:08 GMT 2000 MKIV Start Patrol

COMMENT: Thu Mar 16 19:22:49 GMT 2000

Extended the dome slot.

\*\*MKIV PROBLEM\*\*: Thu Mar 16 19:30:39 GMT 2000

I tried pausing and restarting the Patrol, still no scan signal seen.

Trying another calibration.

\*\*MKIV PROBLEM\*\*: Thu Mar 16 19:52:18 GMT 2000

The problem was the Opal being in the light path, very deceptive problem because the O-scope signal looks almost the same as normal in that condition. This means the calcs are probably bad so I'll have to do another, hopefully this 3rd cal is good.

Thu Mar 16 20:01:14 GMT 2000 CHIP Gain7

Thu Mar 16 20:09:56 GMT 2000 CHIP End Gain

Thu Mar 16 20:10:15 GMT 2000 CHIP Bias

Thu Mar 16 20:11:24 GMT 2000 CHIP End Bias

\*\*\*\* EVENT COMMENT \*\*\*\*: Thu Mar 16 20:50:02 GMT 2000

An EPL that was visible in PICS data is also visible in MKIV data starting around 2015 ut.

Thu Mar 16 22:07:34 GMT 2000 PICS End Patrol

Thu Mar 16 22:11:03 GMT 2000 CHIP CHIP End Patrol

Thu Mar 16 22:14:13 GMT 2000 CHIP ending tape

COMMENT: Thu Mar 16 22:24:33 GMT 2000

TAPES:

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MKIV: 00-076

CHIP: C01075

PICS: P01694

LOWL: L00678 in drive #1

Thu Mar 16 22:25:59 GMT 2000

MkIV

17\_23.rawmk4 18\_19.rawmk4 19\_35.rawmk4 20\_45.rawmk4 21\_41.rawmk4

17\_26.rawmk4 18\_22.rawmk4 19\_41.rawmk4 20\_48.rawmk4 21\_44.rawmk4

17\_29.rawmk4 18\_25.rawmk4 19\_44.rawmk4 20\_51.rawmk4 21\_47.rawmk4

17\_32.rawmk4 18\_28.rawmk4 19\_47.rawmk4 20\_54.rawmk4 21\_50.rawmk4

17\_35.rawmk4 18\_31.rawmk4 19\_50.rawmk4 20\_56.rawmk4 21\_53.rawmk4

17\_38.rawmk4 18\_34.rawmk4 19\_53.rawmk4 21\_00.rawmk4 21\_56.rawmk4

17\_41.rawmk4 18\_37.rawmk4 19\_59.rawmk4 21\_03.rawmk4 21\_59.rawmk4

17_43.rawmk4	18_40.rawmk4	20_06.rawmk4	21_06.rawmk4	22_02.rawmk4
17_46.rawmk4	18_43.rawmk4	20_12.rawmk4	21_08.rawmk4	22_05.rawmk4
17_49.rawmk4	18_49.rawmk4	20_15.rawmk4	21_11.rawmk4	c18_46.rawmk4
17_52.rawmk4	18_55.rawmk4	20_18.rawmk4	21_14.rawmk4	c18_52.rawmk4
17_55.rawmk4	19_01.rawmk4	20_21.rawmk4	21_17.rawmk4	c18_58.rawmk4
17_58.rawmk4	19_04.rawmk4	20_24.rawmk4	21_20.rawmk4	c19_26.rawmk4
18_01.rawmk4	19_07.rawmk4	20_27.rawmk4	21_23.rawmk4	c19_32.rawmk4
18_04.rawmk4	19_14.rawmk4	20_30.rawmk4	21_26.rawmk4	c19_38.rawmk4
18_07.rawmk4	19_17.rawmk4	20_33.rawmk4	21_29.rawmk4	c19_56.rawmk4
18_10.rawmk4	19_20.rawmk4	20_36.rawmk4	21_32.rawmk4	c20_02.rawmk4
18_13.rawmk4	19_23.rawmk4	20_39.rawmk4	21_35.rawmk4	c20_09.rawmk4
18_16.rawmk4	19_29.rawmk4	20_42.rawmk4	21_38.rawmk4	