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Mauna Loa Solar Observatory Observer's Log  
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Wed Dec 16 17:18:00 GMT 1998

Year: 98 Doy: 350

Observer: koon

WEATHER COMMENT: Wed Dec 16 17:18:07 GMT 1998

Clear sky, wind=5 mph from the South, temp=40 F.

Wed Dec 16 17:19:20 GMT 1998 CHIP Startup--Initializing new tape

Wed Dec 16 17:25:16 GMT 1998 MKIII Start Patrol

Wed Dec 16 17:25:28 GMT 1998 CHIP CHIP Start Patrol

Wed Dec 16 17:25:28 GMT 1998 CHIP CHIP Start Patrol

\*\*LOW-L PROBLEM\*\*: Wed Dec 16 17:30:06 GMT 1998

L00563 was continuously being popped out and pulled back into drive #0.

Data were going to L00564 in drive #1 and there was already 4 files on that tape according to the screen. That's strange also because it implies the tape started getting data yesterday afternoon. The amber light was blinking on the drive #0, I tried putting in the cleaning tape but it was treated the same way as L00563. I cycled the power to drive #0 and then the cleaning LEDs were blinking so I cleaned the drive and it seems normal now. Installed L00565 in drive #0.

Wed Dec 16 18:00:18 GMT 1998 PICS Flat

Wed Dec 16 18:01:51 GMT 1998 CHIP Bias

Wed Dec 16 18:01:51 GMT 1998 CHIP Bias

Wed Dec 16 18:02:47 GMT 1998 CHIP End Bias

Wed Dec 16 18:02:57 GMT 1998 CHIP Water

Wed Dec 16 18:03:47 GMT 1998 CHIP End Water

\*\*MKIV PROBLEM\*\*: Wed Dec 16 18:11:01 GMT 1998

Seeing occasional radial streaks in the scans.

Wed Dec 16 18:36:18 GMT 1998 MKIII Start Cal

Wed Dec 16 18:56:30 GMT 1998 MKIII Start Patrol

Wed Dec 16 19:00:18 GMT 1998 PICS Flat

Wed Dec 16 19:01:48 GMT 1998 PICS End Flat

Wed Dec 16 19:01:55 GMT 1998 CHIP Bias

Wed Dec 16 19:02:53 GMT 1998 CHIP End Bias

Wed Dec 16 19:03:13 GMT 1998 CHIP Water

Wed Dec 16 19:03:58 GMT 1998 CHIP End Water

Wed Dec 16 20:01:22 GMT 1998 PICS Flat

Wed Dec 16 20:01:50 GMT 1998 CHIP Gain

Wed Dec 16 20:02:55 GMT 1998 PICS End Flat

Wed Dec 16 20:06:37 GMT 1998 CHIP End Gain

Wed Dec 16 20:06:47 GMT 1998 CHIP Bias

Wed Dec 16 20:07:36 GMT 1998 CHIP End Bias

Wed Dec 16 20:07:46 GMT 1998 CHIP Water

Wed Dec 16 20:08:21 GMT 1998 CHIP End Water

\*\*MKIV PROBLEM\*\*: Wed Dec 16 20:08:52 GMT 1998

Entire scan had no corona just concentric rings on the last CW scan, then the CCW scan was almost OK except for some radial streaks, now the CW scan

looks bad in a different way, it doesn't show concentric rings and it looks like there is a faint corona.

\*\*MKIV PROBLEM\*\* : Wed Dec 16 20:18:14 GMT 1998

Last CCW scan looked OK and CW scan looked OK too except for a few radial streaks.

\*\*MKIII PROBLEM\*\* : Wed Dec 16 20:20:08 GMT 1998

Now that the MKIV looks OK I can see that the MKIII had 2 bad scans around the same time at 2004 and 2005. Two things are interesting about that, it is strange to see two scans that are only one minute apart, how did that happen? The other thing is that the 2004 and 2005 scans each looked like the two bad CW MKIV scans, like they were identical. The problems cleared without me resetting anything.

Wed Dec 16 21:02:19 GMT 1998 PICS Flat  
Wed Dec 16 21:02:49 GMT 1998 CHIP Bias  
Wed Dec 16 21:03:50 GMT 1998 PICS End Flat  
Wed Dec 16 21:03:50 GMT 1998 PICS End Flat  
Wed Dec 16 21:04:04 GMT 1998 CHIP Water  
Wed Dec 16 21:04:48 GMT 1998 CHIP End Water

COMMENT: Wed Dec 16 21:22:36 GMT 1998

Got circulator plumbing info for Greg, will sketch and FAX something to him.

Wed Dec 16 22:00:20 GMT 1998 PICS Flat  
Wed Dec 16 22:01:49 GMT 1998 PICS End Flat  
Wed Dec 16 22:02:50 GMT 1998 CHIP Bias  
Wed Dec 16 22:03:43 GMT 1998 CHIP End Bias  
Wed Dec 16 22:03:53 GMT 1998 CHIP Water  
Wed Dec 16 22:04:36 GMT 1998 CHIP End Water

MKIV COMMENT: Wed Dec 16 22:18:07 GMT 1998

Removed tape 98349 and installed 98350 in Nahenahe tape drive.

Wed Dec 16 22:19:25 GMT 1998 PICS End Patrol  
Wed Dec 16 22:19:25 GMT 1998 PICS End Patrol  
Wed Dec 16 22:20:07 GMT 1998 CHIP ending tape  
Wed Dec 16 22:21:19 GMT 1998 MKIII End Patrol

COMMENT: Wed Dec 16 22:27:07 GMT 1998

TAPES:

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MKIV: 98350

CHIP: C00742

PICS: P01355

LOWL: L00564 in drive #1

Wed Dec 16 22:28:08 GMT 1998

MkIII

17_25.rawmk3	18_26.rawmk3	19_38.rawmk3	20_38.rawmk3	21_39.rawmk3
17_28.rawmk3	18_29.rawmk3	19_41.rawmk3	20_41.rawmk3	21_42.rawmk3
17_31.rawmk3	18_33.rawmk3	19_45.rawmk3	20_44.rawmk3	21_45.rawmk3
17_35.rawmk3	18_39.rawmk3	19_48.rawmk3	20_47.rawmk3	21_49.rawmk3

17_38.rawmk3	18_46.rawmk3	19_51.rawmk3	20_51.rawmk3	21_52.rawmk3
17_41.rawmk3	18_53.rawmk3	19_54.rawmk3	20_54.rawmk3	21_55.rawmk3
17_44.rawmk3	18_56.rawmk3	19_57.rawmk3	20_57.rawmk3	21_58.rawmk3
17_48.rawmk3	18_59.rawmk3	20_01.rawmk3	21_00.rawmk3	22_02.rawmk3
17_51.rawmk3	19_03.rawmk3	20_04.rawmk3	21_03.rawmk3	22_05.rawmk3
17_54.rawmk3	19_06.rawmk3	20_05.rawmk3	21_07.rawmk3	22_08.rawmk3
17_57.rawmk3	19_09.rawmk3	20_09.rawmk3	21_10.rawmk3	22_11.rawmk3
18_00.rawmk3	19_12.rawmk3	20_12.rawmk3	21_13.rawmk3	22_14.rawmk3
18_04.rawmk3	19_16.rawmk3	20_15.rawmk3	21_16.rawmk3	22_18.rawmk3
18_07.rawmk3	19_19.rawmk3	20_18.rawmk3	21_20.rawmk3	c18_36.rawmk3
18_10.rawmk3	19_22.rawmk3	20_21.rawmk3	21_23.rawmk3	c18_43.rawmk3
18_13.rawmk3	19_25.rawmk3	20_25.rawmk3	21_26.rawmk3	c18_49.rawmk3
18_17.rawmk3	19_28.rawmk3	20_28.rawmk3	21_29.rawmk3	
18_20.rawmk3	19_32.rawmk3	20_31.rawmk3	21_33.rawmk3	
18_23.rawmk3	19_35.rawmk3	20_34.rawmk3	21_36.rawmk3	