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Mauna Loa Solar Observatory Observer's Log  
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Sat Sep 20 16:53:39 GMT 1997

Year: 97 Doy: 263

Observer: koon

WEATHER COMMENT: Sat Sep 20 16:54:12 GMT 1997

Clear sky, wind=10 mph from the SSW, temp=44 F.

Sat Sep 20 16:55:00 GMT 1997 CHIP Startup--Initializing new tape

Sat Sep 20 16:58:09 GMT 1997 CHIP Start Patrol

Sat Sep 20 16:58:12 GMT 1997 CHIP CHIP Start Patrol

Sat Sep 20 17:01:56 GMT 1997 CHIP Flat

Sat Sep 20 17:02:44 GMT 1997 CHIP Bias

Sat Sep 20 17:02:54 GMT 1997 CHIP End Flat

Sat Sep 20 17:03:21 GMT 1997 MKIII Start Patrol

Sat Sep 20 17:03:28 GMT 1997 CHIP End Bias

Sat Sep 20 17:03:35 GMT 1997 CHIP Water

Sat Sep 20 17:04:03 GMT 1997 CHIP End Water

MKIII COMMENT: Sat Sep 20 17:10:06 GMT 1997

Can't get barrel to start scanning, not sure what is wrong.

Sat Sep 20 17:30:36 GMT 1997

Sat Sep 20 18:01:55 GMT 1997 CHIP Flat

Sat Sep 20 18:02:03 GMT 1997 CHIP Bias

Sat Sep 20 18:02:49 GMT 1997 CHIP End Bias

Sat Sep 20 18:02:56 GMT 1997 CHIP Water

Sat Sep 20 18:02:56 GMT 1997 CHIP Water

Sat Sep 20 18:03:28 GMT 1997 CHIP End Water

Sat Sep 20 18:18:09 GMT 1997 MKIII Start Patrol

Sat Sep 20 19:01:12 GMT 1997 CHIP Bias

Sat Sep 20 19:01:52 GMT 1997 CHIP Flat

Sat Sep 20 19:02:04 GMT 1997 CHIP End Bias

Sat Sep 20 19:02:16 GMT 1997 CHIP Water

Sat Sep 20 19:02:49 GMT 1997 CHIP End Water

Sat Sep 20 19:02:52 GMT 1997 CHIP End Flat

MKIII COMMENT: Sat Sep 20 19:40:27 GMT 1997

Calibration... the dark shutter failed to go into the beam  
on c19\_37.

Sat Sep 20 19:50:32 GMT 1997 MKIII Start Patrol

Sat Sep 20 20:01:06 GMT 1997 CHIP Gain

Sat Sep 20 20:02:00 GMT 1997 CHIP Flat

Sat Sep 20 20:03:05 GMT 1997 CHIP End Flat

Sat Sep 20 20:05:12 GMT 1997 CHIP End Gain

Sat Sep 20 20:05:21 GMT 1997 CHIP Bias

Sat Sep 20 20:06:02 GMT 1997 CHIP End Bias

Sat Sep 20 20:06:12 GMT 1997 CHIP Water

Sat Sep 20 20:06:40 GMT 1997 CHIP End Water

Sat Sep 20 20:14:55 GMT 1997 MKIII End Patrol

MKIII COMMENT: Sat Sep 20 20:16:11 GMT 1997  
Having mechanism control problems. You will have to use  
a dark from another day. Opal measurements are OK.

Sat Sep 20 20:35:00 GMT 1997 CHIP End Patrol

COMMENT: Sat Sep 20 20:35:44 GMT 1997

Pausing observations due to clouds and to work on the MK3 Opal, it is  
slipping again.

Sat Sep 20 20:36:51 GMT 1997 CHIP CHIP End Patrol

Sat Sep 20 21:45:48 GMT 1997 MKIII Start Patrol

Sat Sep 20 21:46:21 GMT 1997 MKIII End Patrol

Sat Sep 20 21:46:29 GMT 1997 MKIII Start Patrol

Sat Sep 20 22:11:40 GMT 1997 CHIP ending tape

MKIII COMMENT: Sat Sep 20 22:31:48 GMT 1997

I fixed the transmission that we took out of the Opal drive a few days  
ago, it had a strange clutch that was slipping, unfortunately all the  
gearing has to be removed to get to the clutch. The clutch on the  
newer trans was slipping today so we removed that and put in the old  
fixed trans, then I fixed the other slipping trans. So now we have  
two good motor/trans units in the bottom shelf of the black parts  
cabinet. We adjusted the limit switches to allow the Opal to  
function correctly without requiring as much torque from the motor  
as before near the in and out limits. Hopefully this will do it.

COMMENT: Sat Sep 20 22:38:49 GMT 1997

Activity report:

QP: 55-70; 112; 217; 244; 294; 313.

No coronal activity.

TAPES:

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MKIII: H01639

DPMON: P00992

CHIP: C00413

LOWL: L00473 on drive #0

Sat Sep 20 22:54:23 GMT 1997

MkIII

18_18.rawmk3	18_43.rawmk3	19_03.rawmk3	19_50.rawmk3	c19_34.rawmk3
18_21.rawmk3	18_45.rawmk3	19_05.rawmk3	19_57.rawmk3	c19_37.rawmk3
18_26.rawmk3	18_48.rawmk3	19_08.rawmk3	20_00.rawmk3	c19_40.rawmk3
18_31.rawmk3	18_51.rawmk3	19_11.rawmk3	c19_23.rawmk3	
18_34.rawmk3	18_54.rawmk3	19_14.rawmk3	c19_25.rawmk3	
18_37.rawmk3	18_57.rawmk3	19_17.rawmk3	c19_28.rawmk3	
18_40.rawmk3	19_00.rawmk3	19_20.rawmk3	c19_31.rawmk3	

SCAN-LOG

MK3 SCAN-LOG for the above "rawmk3" data, resorted to resemble old format.

18:18

18:21	18:26	18:31	18:34	18:37
18:40	18:43	18:45	18:48	18:51
18:54	18:57	19:00	19:03	19:05
19:08	19:11	19:14	19:17	19:20
19:23=c	19:25=c	19:28=c	19:31=c	19:34=c
19:37=c	19:40=c	19:50	19:57	20:00

0 ERRORS

OK