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Mauna Loa Solar Observatory Observer's Log  
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Sat Dec 20 17:07:17 GMT 1997

Year: 97 Doy: 354

Observer: koon

WEATHER COMMENT: Sat Dec 20 17:07:21 GMT 1997

Clear sky, wind=15 mph from the SE, temp=41 F.

Sat Dec 20 17:07:51 GMT 1997 CHIP Startup--Initializing new tape

Sat Dec 20 17:13:05 GMT 1997 PICS Start Patrol

Sat Dec 20 17:13:05 GMT 1997 PICS Start Patrol

Sat Dec 20 17:13:17 GMT 1997 MKIII Start Patrol

PSPT COMMENT: Sat Dec 20 17:41:05 GMT 1997

I'm trying to figure out whether to startup the observing program or not.

Haosheng sent a message about the Sparcstation having a problem, and Eric's log from yesterday mentions a PSPT data tape overnight. I think I will have to remove that data tape from the drive and install a new blank tape to write a second data tape tonight. The last procedure from Haosheng says that data are written to disk only during obs so I will assume that is still valid.

CHIP COMMENT: Sat Dec 20 17:48:16 GMT 1997

Not sure why the log doesn't show "Starting Patrol" message for CHIP, it is running Patrol.

The last time I noticed this the CHIP wasn't running even though I thought I started it up that morning.

Sat Dec 20 18:00:05 GMT 1997 PICS Flat

Sat Dec 20 18:01:31 GMT 1997 PICS End Flat

Sat Dec 20 18:02:02 GMT 1997 CHIP Bias

Sat Dec 20 18:03:01 GMT 1997 CHIP End Bias

Sat Dec 20 18:03:11 GMT 1997 CHIP Water

Sat Dec 20 18:04:04 GMT 1997 CHIP End Water

PSPT COMMENT: Sat Dec 20 18:06:25 GMT 1997

Started up observing after cycling power to Sparcstation at Haosheng's request. I am using "Run" from the testprogs directory as I did last time.

Sat Dec 20 19:01:08 GMT 1997 PICS Flat

Sat Dec 20 19:02:10 GMT 1997 CHIP Bias

Sat Dec 20 19:02:39 GMT 1997 PICS End Flat

Sat Dec 20 19:03:20 GMT 1997 CHIP End Bias

Sat Dec 20 19:03:29 GMT 1997 CHIP Water

Sat Dec 20 19:04:17 GMT 1997 CHIP End Water

Sat Dec 20 19:17:14 GMT 1997 MKIII Start Patrol

Sat Dec 20 20:02:05 GMT 1997 PICS Flat

Sat Dec 20 20:02:05 GMT 1997 PICS Flat

Sat Dec 20 20:03:37 GMT 1997 PICS End Flat

Sat Dec 20 20:08:02 GMT 1997 CHIP End Gain

Sat Dec 20 20:08:12 GMT 1997 CHIP Bias

Sat Dec 20 20:09:09 GMT 1997 CHIP End Bias

Sat Dec 20 20:09:19 GMT 1997 CHIP Water

Sat Dec 20 20:10:02 GMT 1997 CHIP End Water  
Sat Dec 20 21:00:13 GMT 1997 PICS Flat  
Sat Dec 20 21:01:43 GMT 1997 PICS End Flat  
Sat Dec 20 21:02:02 GMT 1997 CHIP Bias  
Sat Dec 20 21:02:59 GMT 1997 CHIP End Bias  
Sat Dec 20 21:03:12 GMT 1997 CHIP Water  
Sat Dec 20 21:04:11 GMT 1997 CHIP End Water  
Sat Dec 20 22:02:04 GMT 1997 PICS Flat  
Sat Dec 20 22:02:04 GMT 1997 PICS Flat  
Sat Dec 20 22:03:03 GMT 1997 CHIP End Bias  
Sat Dec 20 22:03:13 GMT 1997 CHIP Water  
Sat Dec 20 22:03:32 GMT 1997 PICS End Flat  
Sat Dec 20 22:04:02 GMT 1997 CHIP End Water

COMMENT: Sat Dec 20 22:33:35 GMT 1997

Spar lost tracking in declination for a minute, as if too heavy at top of spar.

MKIII COMMENT: Sat Dec 20 22:45:17 GMT 1997

I just noticed that the messages in the akamai window keep saying wrote 0 records. I'm not sure how long it has been doing that. Data are going to disk though.

Sat Dec 20 23:00:08 GMT 1997 PICS Flat  
Sat Dec 20 23:01:34 GMT 1997 PICS End Flat  
Sat Dec 20 23:02:04 GMT 1997 CHIP Bias  
Sat Dec 20 23:03:09 GMT 1997 CHIP End Bias  
Sat Dec 20 23:03:21 GMT 1997 CHIP Water  
Sat Dec 20 23:04:07 GMT 1997 CHIP End Water

PSPT COMMENT: Sat Dec 20 23:04:17 GMT 1997

Haosheng just called up. I will reload the tape and rerun the gtar command to put data on it, this is because that process was interrupted yesterday. Also, I will leave the CCD controller and the Rack power on tonight so Haosheng can test some things. I will loosen the RA clutch to prevent the telescope from spinning during the tests and while I'm not here to stop it.

Sat Dec 20 23:07:16 GMT 1997 PICS End Patrol

MKIII COMMENT: Sat Dec 20 23:15:03 GMT 1997

Tape won't unload, will clean tape drive.

Sat Dec 20 23:16:35 GMT 1997 CHIP CHIP End Patrol  
Sat Dec 20 23:33:41 GMT 1997 CHIP ending tape

COMMENT: Sat Dec 20 23:48:39 GMT 1997

TAPES:

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MKIII: H01706

PICS: P01067

CHIP: C00453

LOWL: L00488 in drive #1

Sat Dec 20 23:49:44 GMT 1997

## MkIII

17_13.rawmk3	18_23.rawmk3	20_01.rawmk3	21_11.rawmk3	22_21.rawmk3
17_16.rawmk3	18_26.rawmk3	20_04.rawmk3	21_14.rawmk3	22_24.rawmk3
17_19.rawmk3	18_29.rawmk3	20_07.rawmk3	21_17.rawmk3	22_27.rawmk3
17_22.rawmk3	18_32.rawmk3	20_09.rawmk3	21_20.rawmk3	22_30.rawmk3
17_25.rawmk3	18_35.rawmk3	20_12.rawmk3	21_23.rawmk3	22_33.rawmk3
17_28.rawmk3	18_38.rawmk3	20_15.rawmk3	21_25.rawmk3	22_36.rawmk3
17_31.rawmk3	18_44.rawmk3	20_18.rawmk3	21_28.rawmk3	22_38.rawmk3
17_34.rawmk3	18_50.rawmk3	20_21.rawmk3	21_31.rawmk3	22_41.rawmk3
17_37.rawmk3	18_57.rawmk3	20_24.rawmk3	21_34.rawmk3	22_44.rawmk3
17_39.rawmk3	19_17.rawmk3	20_27.rawmk3	21_37.rawmk3	22_47.rawmk3
17_42.rawmk3	19_20.rawmk3	20_30.rawmk3	21_40.rawmk3	22_50.rawmk3
17_45.rawmk3	19_23.rawmk3	20_33.rawmk3	21_43.rawmk3	22_53.rawmk3
17_48.rawmk3	19_26.rawmk3	20_36.rawmk3	21_46.rawmk3	22_56.rawmk3
17_51.rawmk3	19_29.rawmk3	20_39.rawmk3	21_49.rawmk3	22_59.rawmk3
17_54.rawmk3	19_31.rawmk3	20_42.rawmk3	21_52.rawmk3	23_02.rawmk3
17_57.rawmk3	19_34.rawmk3	20_45.rawmk3	21_55.rawmk3	23_05.rawmk3
18_00.rawmk3	19_37.rawmk3	20_47.rawmk3	21_58.rawmk3	23_08.rawmk3
18_03.rawmk3	19_40.rawmk3	20_50.rawmk3	22_01.rawmk3	c18_41.rawmk3
18_06.rawmk3	19_43.rawmk3	20_53.rawmk3	22_03.rawmk3	c18_47.rawmk3
18_09.rawmk3	19_46.rawmk3	20_56.rawmk3	22_06.rawmk3	c18_54.rawmk3
18_12.rawmk3	19_49.rawmk3	20_59.rawmk3	22_09.rawmk3	
18_15.rawmk3	19_52.rawmk3	21_02.rawmk3	22_12.rawmk3	
18_17.rawmk3	19_55.rawmk3	21_05.rawmk3	22_15.rawmk3	
18_20.rawmk3	19_58.rawmk3	21_08.rawmk3	22_18.rawmk3	