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Mauna Loa Solar Observatory Observer's Log  
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Thu Oct 28 16:54:33 GMT 1999

Year: 99 Doy: 301

Observer: koon

WEATHER COMMENT: Thu Oct 28 16:55:19 GMT 1999

Medium cirrostratus, wind=10 mph from the SE, temp=45 F.

Thu Oct 28 16:55:54 GMT 1999 CHIP Startup--Initializing new tape

Thu Oct 28 16:59:05 GMT 1999 MKIV Start Patrol

Thu Oct 28 16:59:16 GMT 1999 PICS Start Patrol

Thu Oct 28 16:59:16 GMT 1999 PICS Start Patrol

Thu Oct 28 17:03:04 GMT 1999 CHIP Bias

Thu Oct 28 17:04:04 GMT 1999 CHIP End Bias

Thu Oct 28 17:04:14 GMT 1999 CHIP Water

Thu Oct 28 17:04:59 GMT 1999 CHIP End Water

COMMENT: Thu Oct 28 17:17:24 GMT 1999

Spar isn't tracking well due to clouds.

PSPT COMMENT: Thu Oct 28 17:47:11 GMT 1999

I found the line of code to change, in pspt\_shutdown.pro, to get the dome to be stowed in the proper position at the end of the day, so I changed it.

Thu Oct 28 18:00:32 GMT 1999 PICS Flat

Thu Oct 28 18:03:05 GMT 1999 PICS End Flat

Thu Oct 28 18:03:05 GMT 1999 PICS End Flat

Thu Oct 28 18:04:07 GMT 1999 CHIP End Bias

Thu Oct 28 18:04:20 GMT 1999 CHIP Water

Thu Oct 28 18:05:08 GMT 1999 CHIP End Water

Thu Oct 28 19:03:07 GMT 1999 CHIP Bias

Thu Oct 28 19:04:07 GMT 1999 CHIP End Bias

Thu Oct 28 19:04:23 GMT 1999 CHIP Water

Thu Oct 28 19:05:18 GMT 1999 CHIP End Water

Thu Oct 28 20:03:00 GMT 1999 CHIP Gain

Thu Oct 28 20:08:57 GMT 1999 CHIP End Gain

Thu Oct 28 20:09:13 GMT 1999 CHIP Bias

Thu Oct 28 20:10:16 GMT 1999 CHIP End Bias

Thu Oct 28 20:10:31 GMT 1999 CHIP Water

Thu Oct 28 20:11:17 GMT 1999 CHIP End Water

MKIV COMMENT: Thu Oct 28 20:44:11 GMT 1999

Pausing due to ever thickening clouds, may have a few good scans earlier.

Thu Oct 28 21:02:59 GMT 1999 CHIP Bias

Thu Oct 28 21:03:56 GMT 1999 CHIP End Bias

Thu Oct 28 21:04:07 GMT 1999 CHIP Water

Thu Oct 28 21:04:50 GMT 1999 CHIP End Water

WEATHER COMMENT: Thu Oct 28 21:42:07 GMT 1999

Still cloudy and getting cloudier.

COMMENT: Thu Oct 28 21:42:20 GMT 1999

Closing down to concentrate on a few more PSPT problems.

PSPT COMMENT: Thu Oct 28 21:42:50 GMT 1999

Have been doing various maintenance and troubleshooting most of day.  
Changed cooler fluid and air filters. Lubed filter wheel gears, the filter  
wheel was discovered by Roy to be stalling and vignetting the images.  
Tightened RA backlash, and various other things. Now working on  
adjusting the optical gain on the quadcell to eliminate the fuzzy  
image problem.

Thu Oct 28 21:47:47 GMT 1999 CHIP CHIP End Patrol

Thu Oct 28 21:48:34 GMT 1999 CHIP ending tape

COMMENT: Thu Oct 28 21:59:20 GMT 1999

TAPES:

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MKIV: 99301

CHIP: C00961

PICS: P01586

LOWL: L00640 in drive #1

Thu Oct 28 22:00:20 GMT 1999

MkIV

16_59.rawmk4	17_46.rawmk4	18_34.rawmk4	19_21.rawmk4	20_10.rawmk4
17_02.rawmk4	17_49.rawmk4	18_37.rawmk4	19_25.rawmk4	20_13.rawmk4
17_05.rawmk4	17_52.rawmk4	18_40.rawmk4	19_28.rawmk4	20_16.rawmk4
17_08.rawmk4	17_55.rawmk4	18_42.rawmk4	19_31.rawmk4	20_19.rawmk4
17_11.rawmk4	17_58.rawmk4	18_45.rawmk4	19_34.rawmk4	20_22.rawmk4
17_14.rawmk4	18_01.rawmk4	18_48.rawmk4	19_37.rawmk4	20_25.rawmk4
17_17.rawmk4	18_04.rawmk4	18_51.rawmk4	19_40.rawmk4	20_28.rawmk4
17_19.rawmk4	18_07.rawmk4	18_54.rawmk4	19_43.rawmk4	20_31.rawmk4
17_22.rawmk4	18_10.rawmk4	18_57.rawmk4	19_46.rawmk4	20_34.rawmk4
17_25.rawmk4	18_13.rawmk4	19_00.rawmk4	19_49.rawmk4	20_36.rawmk4
17_28.rawmk4	18_16.rawmk4	19_03.rawmk4	19_52.rawmk4	20_39.rawmk4
17_31.rawmk4	18_19.rawmk4	19_06.rawmk4	19_55.rawmk4	20_42.rawmk4
17_34.rawmk4	18_22.rawmk4	19_09.rawmk4	19_58.rawmk4	
17_37.rawmk4	18_25.rawmk4	19_12.rawmk4	20_01.rawmk4	
17_40.rawmk4	18_28.rawmk4	19_15.rawmk4	20_04.rawmk4	
17_43.rawmk4	18_31.rawmk4	19_18.rawmk4	20_07.rawmk4	