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Mauna Loa Solar Observatory Observer's Log  
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Thu Mar 30 17:13:23 GMT 2000

Year: 00 Doy: 090

Observer: koon

WEATHER COMMENT: Thu Mar 30 17:13:27 GMT 2000

Clear sky, wind=10 mph from the SSW, temp=40 F.

Thu Mar 30 17:15:43 GMT 2000 CHIP Startup--Initializing new tape

Thu Mar 30 17:21:13 GMT 2000 MKIV Start Patrol

Thu Mar 30 17:21:23 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Thu Mar 30 17:21:23 GMT 2000 CHIP CHIP Start 7 Passband Patrol

Thu Mar 30 18:03:00 GMT 2000 PICS Flat

Thu Mar 30 18:05:42 GMT 2000 PICS End Flat

WEATHER COMMENT: Thu Mar 30 18:26:12 GMT 2000

Cirrus clouds passing over.

Thu Mar 30 20:01:57 GMT 2000 CHIP Gain7

Thu Mar 30 20:10:25 GMT 2000 CHIP End Gain

Thu Mar 30 20:10:35 GMT 2000 CHIP Bias

Thu Mar 30 20:11:32 GMT 2000 CHIP End Bias

COMMENT: Thu Mar 30 20:22:43 GMT 2000

Extended the dome slot.

\*\*PSPT PROBLEM\*\* : Thu Mar 30 20:28:19 GMT 2000

Telescope was pointed all the way West, like yesterday. Will try to do another ephmcal and restart, maybe it will work better than yesterday because the sky is clear now. It was taking images earlier, maybe the passing clouds caused the problem at the startup of an hourly sequence.

\*\*LOW-L PROBLEM\*\* : Thu Mar 30 20:32:22 GMT 2000

Both tapes are popped out of the drives, like yesterday. Will clean the drives and cycle the PC power to see if this helps to prevent this problem from happening again.

LOW-L COMMENT: Thu Mar 30 20:50:49 GMT 2000

Put L00686 in drive #1 with data going to it now, put L00687 in drive #0.

Cleaned drives and cycled PC power and verified date and time first.

WEATHER COMMENT: Thu Mar 30 21:05:23 GMT 2000

Thick orographic clouds have moved over, it may rain, closing down.

Thu Mar 30 21:10:15 GMT 2000 PICS End Patrol

Thu Mar 30 21:14:53 GMT 2000 CHIP CHIP End Patrol

Thu Mar 30 21:15:51 GMT 2000 CHIP ending tape

COMMENT: Thu Mar 30 21:35:47 GMT 2000

I just talked to Russ Schnell, they are thinking about running all of these observatories up here on solar PV panels (like my house). They can sell excess power to HELCO during the day and use power credits from HELCO at night. Sounds great, this is probably the best spot in the world for PV efficiency due to high solar irradiance and low temperatures, and the government has a program where they don't need to put up any capital as long as they pay back the loan from the savings they realize.

COMMENT: Thu Mar 30 21:40:11 GMT 2000

TAPES:

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MKIV: 00-090

CHIP: C01080

PICS: P01708

LOWL: L00684

Thu Mar 30 21:41:00 GMT 2000

MkIV

17_21.rawmk4	18_18.rawmk4	19_06.rawmk4	19_53.rawmk4	20_40.rawmk4
17_24.rawmk4	18_21.rawmk4	19_08.rawmk4	19_56.rawmk4	20_43.rawmk4
17_27.rawmk4	18_24.rawmk4	19_11.rawmk4	19_59.rawmk4	20_46.rawmk4
17_30.rawmk4	18_27.rawmk4	19_14.rawmk4	20_02.rawmk4	20_49.rawmk4
17_33.rawmk4	18_30.rawmk4	19_17.rawmk4	20_05.rawmk4	20_52.rawmk4
17_36.rawmk4	18_33.rawmk4	19_20.rawmk4	20_08.rawmk4	20_55.rawmk4
17_39.rawmk4	18_36.rawmk4	19_23.rawmk4	20_11.rawmk4	20_58.rawmk4
17_42.rawmk4	18_39.rawmk4	19_26.rawmk4	20_14.rawmk4	21_01.rawmk4
17_45.rawmk4	18_42.rawmk4	19_29.rawmk4	20_17.rawmk4	21_04.rawmk4
17_47.rawmk4	18_45.rawmk4	19_32.rawmk4	20_20.rawmk4	c17_56.rawmk4
17_50.rawmk4	18_48.rawmk4	19_35.rawmk4	20_23.rawmk4	c18_03.rawmk4
17_53.rawmk4	18_51.rawmk4	19_38.rawmk4	20_26.rawmk4	c18_09.rawmk4
17_59.rawmk4	18_54.rawmk4	19_41.rawmk4	20_29.rawmk4	
18_06.rawmk4	18_57.rawmk4	19_44.rawmk4	20_31.rawmk4	
18_12.rawmk4	19_00.rawmk4	19_47.rawmk4	20_34.rawmk4	
18_15.rawmk4	19_03.rawmk4	19_50.rawmk4	20_37.rawmk4	