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Mauna Loa Solar Observatory Observer's Log  
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Fri Jul 10 16:40:57 GMT 1998

Year: 98 Doy: 191

Observer: yasukawa

WEATHER COMMENT: Fri Jul 10 16:44:44 GMT 1998

Cool, clear, brisk south wind.

**\*\*LOW-L PROBLEM\*\***: Fri Jul 10 16:45:39 GMT 1998

Tape drive 0 frame count must have reset sometime yesterday.

Count was 16 yesterday morning and 8 this morning.

Stopped program, ejected L00531, moved L00532 to Drive 0, loaded L00533 into drive 1, and rebooted computer. Data writing to drive 0, L00532.

Fri Jul 10 16:48:04 GMT 1998 CHIP Startup--Initializing new tape

Fri Jul 10 16:48:13 GMT 1998 MKIII Start Patrol

**\*\*MKIII PROBLEM\*\***: Fri Jul 10 16:48:26 GMT 1998

Swapped nahenahe Exabyte drive with spare kii drive before starting up. Did a boot -r in superuser mode to try to pick up the drive.

I will test the usfdump function later with this replacement drive.

Fri Jul 10 16:50:50 GMT 1998 CHIP CHIP Start Patrol

Fri Jul 10 16:51:09 GMT 1998 PICS Start Patrol

COMMENT: Fri Jul 10 16:56:20 GMT 1998

Network is still down. Ping trace indicates that problem is somewhere off the site but I cannot get to NOAA's FB server.

I can reach the mountain server.

Fri Jul 10 17:00:52 GMT 1998 CHIP Bias

Fri Jul 10 17:01:45 GMT 1998 CHIP End Bias

Fri Jul 10 17:01:45 GMT 1998 CHIP End Bias

Fri Jul 10 17:01:57 GMT 1998 CHIP Water

Fri Jul 10 17:02:36 GMT 1998 CHIP End Water

Fri Jul 10 17:03:10 GMT 1998 PICS End Flat

PSPT COMMENT: Fri Jul 10 17:08:52 GMT 1998

Vacuum grease and teflon tape from Roy arrived yesterday but specific instructions on where and how to apply them to attempt to solve the vacuum problem is not available due to network outage.

Fri Jul 10 18:01:34 GMT 1998 PICS Flat

Fri Jul 10 18:02:50 GMT 1998 CHIP Bias

Fri Jul 10 18:03:07 GMT 1998 PICS End Flat

Fri Jul 10 18:03:49 GMT 1998 CHIP End Bias

Fri Jul 10 18:04:02 GMT 1998 CHIP Water

Fri Jul 10 18:04:47 GMT 1998 CHIP End Water

**\*\*MKIII PROBLEM\*\***: Fri Jul 10 18:28:12 GMT 1998

Well, drive swap worked. nahenahe Exabyte must be hosed. I will

leave spare kii drive connected to nahenahe for now. Soooo...

spare kii drive is on nahenahe, spare nahenahe drive is on LOWL

(test drive #1) and the nahenahe and LOWL drive (#1) are hosed.

System backup of nahenahe (ufsdump 0 <dir>) hard disk to tape is completed.

COMMENT: Fri Jul 10 18:39:31 GMT 1998

Network still down. I can get to NOAA at FB and off island to koa.ifa, but not to puu. dns somewhere is down, cannot get the puu host entry.

Fri Jul 10 19:01:42 GMT 1998	PICS	Flat
Fri Jul 10 19:02:58 GMT 1998	CHIP	Bias
Fri Jul 10 19:03:08 GMT 1998	PICS	End Flat
Fri Jul 10 19:03:50 GMT 1998	CHIP	End Bias
Fri Jul 10 19:04:05 GMT 1998	CHIP	Water
Fri Jul 10 19:04:53 GMT 1998	CHIP	End Water

COMMENT: Fri Jul 10 19:11:43 GMT 1998

Talked with Judy at NOAA. Darryl Kuniyuki is on vacation but they called Manoa re: network outage and Manoa is working on it.

Problem is there.

Fri Jul 10 19:38:15 GMT 1998	PICS	End Patrol
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COMMENT: Fri Jul 10 19:38:23 GMT 1998

Stopping to reconfigure dome shutter.

P End Patrol

Fri Jul 10 19:43:24 GMT 1998	MKIII	Start Patrol
Fri Jul 10 19:43:46 GMT 1998	CHIP	CHIP Start Patrol
Fri Jul 10 19:43:46 GMT 1998	CHIP	CHIP Start Patrol
Fri Jul 10 20:02:42 GMT 1998	PICS	Flat
Fri Jul 10 20:03:00 GMT 1998	CHIP	Gain
Fri Jul 10 20:04:09 GMT 1998	PICS	End Flat
Fri Jul 10 20:07:39 GMT 1998	CHIP	End Gain
Fri Jul 10 20:07:49 GMT 1998	CHIP	Bias
Fri Jul 10 20:08:37 GMT 1998	CHIP	End Bias
Fri Jul 10 20:08:47 GMT 1998	CHIP	Water
Fri Jul 10 20:09:23 GMT 1998	CHIP	End Water
Fri Jul 10 21:00:59 GMT 1998	CHIP	Bias
Fri Jul 10 21:01:54 GMT 1998	CHIP	End Bias
Fri Jul 10 21:02:04 GMT 1998	CHIP	Water
Fri Jul 10 21:02:35 GMT 1998	PICS	Flat
Fri Jul 10 21:02:48 GMT 1998	CHIP	End Water
Fri Jul 10 21:04:06 GMT 1998	PICS	End Flat
Fri Jul 10 22:00:48 GMT 1998	CHIP	Bias
Fri Jul 10 22:01:49 GMT 1998	CHIP	End Bias
Fri Jul 10 22:01:59 GMT 1998	CHIP	Water
Fri Jul 10 22:02:40 GMT 1998	PICS	Flat
Fri Jul 10 22:02:40 GMT 1998	PICS	Flat
Fri Jul 10 22:04:09 GMT 1998	PICS	End Flat
Fri Jul 10 22:05:34 GMT 1998	CHIP	CHIP End Patrol
Fri Jul 10 22:06:11 GMT 1998	CHIP	ending tape
Fri Jul 10 22:06:33 GMT 1998	PICS	End Patrol

COMMENT: Fri Jul 10 22:07:35 GMT 1998

Network still down. Logs will be sent next opportunity.

COMMENT: Fri Jul 10 22:08:02 GMT 1998

Tapes:

PICS: P01240

CHIP: C00634

LOWL: L00532

Fri Jul 10 22:13:18 GMT 1998

MkIII

16_48.rawmk3	17_52.rawmk3	19_06.rawmk3	20_15.rawmk3	21_19.rawmk3
16_51.rawmk3	17_55.rawmk3	19_09.rawmk3	20_18.rawmk3	21_22.rawmk3
16_54.rawmk3	17_58.rawmk3	19_12.rawmk3	20_21.rawmk3	21_25.rawmk3
16_57.rawmk3	18_01.rawmk3	19_15.rawmk3	20_24.rawmk3	21_28.rawmk3
17_00.rawmk3	18_07.rawmk3	19_18.rawmk3	20_27.rawmk3	21_31.rawmk3
17_03.rawmk3	18_13.rawmk3	19_21.rawmk3	20_30.rawmk3	21_34.rawmk3
17_05.rawmk3	18_19.rawmk3	19_24.rawmk3	20_33.rawmk3	21_37.rawmk3
17_08.rawmk3	18_23.rawmk3	19_27.rawmk3	20_36.rawmk3	21_40.rawmk3
17_11.rawmk3	18_25.rawmk3	19_30.rawmk3	20_38.rawmk3	21_43.rawmk3
17_14.rawmk3	18_28.rawmk3	19_33.rawmk3	20_41.rawmk3	21_46.rawmk3
17_17.rawmk3	18_31.rawmk3	19_36.rawmk3	20_44.rawmk3	21_49.rawmk3
17_20.rawmk3	18_34.rawmk3	19_43.rawmk3	20_47.rawmk3	21_52.rawmk3
17_23.rawmk3	18_37.rawmk3	19_46.rawmk3	20_50.rawmk3	21_54.rawmk3
17_26.rawmk3	18_40.rawmk3	19_49.rawmk3	20_53.rawmk3	21_57.rawmk3
17_29.rawmk3	18_43.rawmk3	19_52.rawmk3	20_56.rawmk3	22_00.rawmk3
17_32.rawmk3	18_46.rawmk3	19_55.rawmk3	20_59.rawmk3	22_03.rawmk3
17_35.rawmk3	18_49.rawmk3	19_58.rawmk3	21_02.rawmk3	22_06.rawmk3
17_38.rawmk3	18_52.rawmk3	20_00.rawmk3	21_05.rawmk3	c18_04.rawmk3
17_41.rawmk3	18_55.rawmk3	20_03.rawmk3	21_08.rawmk3	c18_10.rawmk3
17_43.rawmk3	18_58.rawmk3	20_06.rawmk3	21_11.rawmk3	c18_16.rawmk3
17_46.rawmk3	19_00.rawmk3	20_09.rawmk3	21_14.rawmk3	
17_49.rawmk3	19_03.rawmk3	20_12.rawmk3	21_16.rawmk3	