
Mauna Loa Solar Observatory Observer's Log

Fri Aug 21 16:33:13 GMT 1998

Year: 98 Doy: 233

Observer: yasukawa

MKIII PROBLEM : Fri Aug 21 16:35:20 GMT 1998

nahenahe failed in login attempt. xterm messages as follows:

```
ld.so.1: /bin/mail: fatal: /usr/lib/libintl.so.1: can't map segment:
      errno=11
```

Killed

Fork failed

nahenahe%

Had to reboot machine to get login to work.

WEATHER COMMENT: Fri Aug 21 16:38:43 GMT 1998

Cool, clear, light southwest breeze.

Fri Aug 21 16:39:23 GMT 1998 CHIP Startup--Initializing new tape

Fri Aug 21 16:44:07 GMT 1998 CHIP CHIP Start Patrol

Fri Aug 21 16:44:19 GMT 1998 PICS Start Patrol

Fri Aug 21 16:44:54 GMT 1998 MKIII Start Patrol

PSPT PROBLEM : Fri Aug 21 16:48:00 GMT 1998

PSPT pointing straight up this morning. Loosened RA and DEC clutches
and pointed spar toward approximate home position.

Fri Aug 21 17:00:42 GMT 1998 PICS Flat

Fri Aug 21 17:02:08 GMT 1998 PICS End Flat

Fri Aug 21 17:03:00 GMT 1998 CHIP Bias

Fri Aug 21 17:04:01 GMT 1998 CHIP End Bias

Fri Aug 21 17:04:11 GMT 1998 CHIP Water

Fri Aug 21 17:04:53 GMT 1998 CHIP End Water

PSPT PROBLEM : Fri Aug 21 17:30:45 GMT 1998

PSPT was also left in a directory and login where I could not get
to /programs without rebooting and starting OW.

PSPT PROBLEM : Fri Aug 21 17:41:38 GMT 1998

First attempt at Run failed, Spar failed to find sun. Got out with
'q', then exited from IDL. Typed Obs to get to shutdown menu,
selected 'e' and responded to archive data query with 'n'.

Trying 'Run' again. This time spar started from home.

PSPT PROBLEM : Fri Aug 21 17:54:42 GMT 1998

Run was successful this time. Taking data.

Fri Aug 21 18:00:39 GMT 1998 PICS Flat

Fri Aug 21 18:02:08 GMT 1998 PICS End Flat

Fri Aug 21 18:02:48 GMT 1998 CHIP Bias

Fri Aug 21 18:03:46 GMT 1998 CHIP End Bias

Fri Aug 21 18:03:59 GMT 1998 CHIP Water

Fri Aug 21 18:04:48 GMT 1998 CHIP End Water

Fri Aug 21 19:00:38 GMT 1998 PICS Flat

Fri Aug 21 19:02:08 GMT 1998 PICS End Flat

Fri Aug 21 19:02:58 GMT 1998 CHIP Bias

Fri Aug 21 19:03:58 GMT 1998 CHIP End Bias

Fri Aug 21 19:04:12 GMT 1998 CHIP Water

Fri Aug 21 19:04:56 GMT 1998 CHIP End Water

PSPT PROBLEM : Fri Aug 21 19:06:40 GMT 1998

PSPT is showing bad quadrant at upper right.

COMMENT: Fri Aug 21 19:16:22 GMT 1998

Stopping to reconfigure dome shutter.

Fri Aug 21 19:16:28 GMT 1998 PICS End Patrol

Fri Aug 21 19:17:25 GMT 1998 CHIP CHIP End Patrol

Fri Aug 21 19:22:27 GMT 1998 MKIII Start Patrol

Fri Aug 21 19:22:52 GMT 1998 PICS Start Patrol

Fri Aug 21 19:22:52 GMT 1998 PICS Start Patrol

WEATHER COMMENT: Fri Aug 21 19:43:44 GMT 1998

In broken orographic clouds.

Fri Aug 21 20:00:34 GMT 1998 PICS Flat

Fri Aug 21 20:02:08 GMT 1998 PICS End Flat

Fri Aug 21 20:02:59 GMT 1998 CHIP Gain

PSPT PROBLEM: Fri Aug 21 20:03:21 GMT 1998
2000 UT program startup crashed with an XYCENTER segmentation fault
again. This time we were in orographic clouds so I am not sure
whether it would have crashed anyway.

Fri Aug 21 20:07:39 GMT 1998 CHIP End Gain
Fri Aug 21 20:07:49 GMT 1998 CHIP Bias
Fri Aug 21 20:08:37 GMT 1998 CHIP End Bias
Fri Aug 21 20:08:47 GMT 1998 CHIP Water
Fri Aug 21 20:09:22 GMT 1998 CHIP End Water

PSPT PROBLEM: Fri Aug 21 20:14:09 GMT 1998
Here is the xterm dialog just after determination of available
disk space at wake-up at 2000 UT:

Centering Solar image on the array...
Waiting for guider to lock on the sun...
xRMS 141.17 yRMS 171.98 QCsum 1287
xRMS 89.73 yRMS 77.67 QCsum 1297
Guider is locked on the sun.
Activating Active Mirror....
xRMS 116.73 yRMS 130.26 QCsum 1264
Active Mirror OK.
Taking exposure...
memidl.c:timeout counter: 0
xc = 1602.91 572.000 16
yc = 1088.06 665.000 8
Taking exposure...
xc = 1782.85 0.500000 13
%Program caused arithmetic error: Floating illegal operand
%Detected at XYCENTER 49
/export/home/pspt1/idl/rise/xycenter.pro
Segmentation Fault
5678.64u 412.58s 2:17:44.12 73.7%

psp [45]>

WEATHER COMMENT: Fri Aug 21 20:27:37 GMT 1998
In heavy orographic overcast. Shutting down.
trol

Fri Aug 21 20:27:44 GMT 1998 PICS End Patrol
Fri Aug 21 20:28:13 GMT 1998 CHIP ending tape

COMMENT: Fri Aug 21 20:35:23 GMT 1998

Tapes:

PICS: P01273

CHIP: C00670

LOWL: L00538

Fri Aug 21 20:36:33 GMT 1998

MkIII

16_44.rawmk3	17_31.rawmk3	18_21.rawmk3	19_15.rawmk3	20_06.rawmk3
16_48.rawmk3	17_34.rawmk3	18_27.rawmk3	19_22.rawmk3	20_09.rawmk3
16_50.rawmk3	17_37.rawmk3	18_33.rawmk3	19_25.rawmk3	20_12.rawmk3
16_53.rawmk3	17_40.rawmk3	18_37.rawmk3	19_28.rawmk3	20_15.rawmk3
16_56.rawmk3	17_43.rawmk3	18_39.rawmk3	19_31.rawmk3	20_18.rawmk3
16_59.rawmk3	17_46.rawmk3	18_42.rawmk3	19_34.rawmk3	20_20.rawmk3
17_02.rawmk3	17_49.rawmk3	18_45.rawmk3	19_37.rawmk3	20_23.rawmk3
17_05.rawmk3	17_52.rawmk3	18_48.rawmk3	19_40.rawmk3	20_26.rawmk3
17_08.rawmk3	17_55.rawmk3	18_51.rawmk3	19_43.rawmk3	20_29.rawmk3
17_11.rawmk3	17_58.rawmk3	18_54.rawmk3	19_45.rawmk3	c18_18.rawmk3
17_14.rawmk3	18_01.rawmk3	18_57.rawmk3	19_48.rawmk3	c18_24.rawmk3
17_17.rawmk3	18_03.rawmk3	19_00.rawmk3	19_51.rawmk3	c18_30.rawmk3
17_20.rawmk3	18_06.rawmk3	19_03.rawmk3	19_54.rawmk3	
17_23.rawmk3	18_09.rawmk3	19_06.rawmk3	19_57.rawmk3	
17_25.rawmk3	18_12.rawmk3	19_09.rawmk3	20_00.rawmk3	
17_28.rawmk3	18_15.rawmk3	19_12.rawmk3	20_03.rawmk3	