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Mauna Loa Solar Observatory Observer's Log  
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Fri Mar 3 16:59:36 GMT 2006

Year: 06 Doy: 062

Observer: yasukawa

WEATHER COMMENT: Fri Mar 3 16:59:59 GMT 2006

In scattered cirrostratus, SE wind 5 mph, temp 39 F.

\_\_\_\_end\_\_\_\_

Fri Mar 3 17:10:39 GMT 2006 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Mar 3 17:11:06 GMT 2006

Fri Mar 3 17:12:46 GMT 2006 CHIP Start Patrol

PICS COMMENT: Fri Mar 3 17:12:53 GMT 2006

CO2 tower guy-wire in early images.

\_\_\_\_end\_\_\_\_

PSPT COMMENT: Fri Mar 3 17:20:55 GMT 2006

Starting up.

\_\_\_\_end\_\_\_\_

PSPT COMMENT: Fri Mar 3 17:31:30 GMT 2006

Observing.

\_\_\_\_end\_\_\_\_

Fri Mar 3 17:31:42 GMT 2006 MKIV Start Patrol

Fri Mar 3 18:00:43 GMT 2006 CHIP LSD

Fri Mar 3 18:02:20 GMT 2006 PICS Flat

Fri Mar 3 18:02:26 GMT 2006 CHIP End LSD

Fri Mar 3 18:02:41 GMT 2006 CHIP BiasLSD

Fri Mar 3 18:03:37 GMT 2006 CHIP End BiasLSD

Fri Mar 3 18:03:45 GMT 2006 CHIP Bias

Fri Mar 3 18:04:37 GMT 2006 CHIP End Bias

Fri Mar 3 18:04:47 GMT 2006 CHIP ReStart Patrol

Fri Mar 3 18:04:48 GMT 2006 PICS End Flat

Fri Mar 3 18:05:01 GMT 2006 PICS ReStart Patrol

Fri Mar 3 18:19:16 GMT 2006 MKIV End Patrol

Fri Mar 3 18:19:22 GMT 2006 MKIV Start Cal

Fri Mar 3 18:39:01 GMT 2006 MKIV End Cal

Fri Mar 3 18:39:06 GMT 2006 MKIV Start Patrol

NICE MK4 IMAGE: 1828

NICE CHIP IMAGE: 1829

NICE PICSLIMB IMAGE: 1827

NICE PICSDISC IMAGE: 1829

**\*\*pics\_PROCESSING PROBLEM\*\***: Fri Mar 3 19:45:33 GMT 2006

Experienced same processing failure or problem with 98d013 PICS data as 97d365 PICS data. After 1.5 hours of processing that appeared to be going along normally, the mssrestore program ended with the following messages:

grep: /puu/f/cordyn/mk4\_best/1998/98d013.gbu: No such file or directory  
Out of memory!

/archive/acos/2005/02/14/20050214.2359.dpm.asl.fts.gz

I then got what looked like a normal mssrestore of 98d013 completed email.  
Checking calendar, 1/13/1998 still red--did not change to green.  
Checking web page, all three PICS animation windows indicate 0 images.

Alerted Tony.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Fri Mar 3 20:46:28 GMT 2006

In orographic clouds.

\_\_\_\_end\_\_\_\_

\*\*pics\_PROCESSING PROBLEM\*\* Fri Mar 3 20:50:43 GMT 2006

Skipped over 98d014 and 98d015, no observer logs for the day indicate no data was taken due to no observer on site -- bad weather?

Processed 98d016 and process ran for approximately 1.25 hours.

Same problem as 98d013 and 97d365--what I call "Out of memory" error.

Again, "AVAILABLE PICS DATA FOR 1998" calendar was not updated to green.

Process messages were similar except for a few directory/files, there was an additional line not seen in previous failed processes.

Messages for this (98d016) mssrestore process follows:

grep: /dax/g/mk3/mk3\_best/1998/98d016.gbu: No such file or directory

grep: /puu/f/cordyn/mk4\_best/1998/98d016.gbu: No such file or directory

Out of memory!

/archive/acos/2005/02/14/20050214.235931.dpm.asl.fts.gz

Alerted Tony

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Fri Mar 3 21:55:39 GMT 2006

In orographic clouds again.

\_\_\_\_end\_\_\_\_

Fri Mar 3 22:08:47 GMT 2006 CHIP End Patrol

COMMENT: Fri Mar 3 22:08:37 GMT 2006

Idling observations due to clouds.

\_\_\_\_end\_\_\_\_

Fri Mar 3 22:09:26 GMT 2006 PICS End Patrol

pics\_PROCESSING COMMENT: Fri Mar 3 22:22:30 GMT 2006

mssrestore for 98d018 successful. There were same messages at end of process (same as ones for 98d016):

grep: /dax/g/..... etc

grep: /puu/f/..... etc

/archive/acos.....dpm.asl.fts.gz

No "Out of memory! message between grep: and /archive lines.

Calendar was updated to green  
Movie web page changed from 0 images to 78 images (61 for limb movie).  
email for successful completion received.

\_\_\_\_end\_\_\_\_

Fri Mar 3 22:30:42 GMT 2006 MKIV End Patrol  
WEATHER COMMENT: Fri Mar 3 22:49:26 GMT 2006  
Clouds getting lower, closing domes as a precaution.

\_\_\_\_end\_\_\_\_

pics\_PROCESSING COMMENT: Fri Mar 3 23:06:41 GMT 2006  
mssrestore on 98d019 successful.  
no grep: /dax.... etc line at end but other two lines (as at end of 98d018)  
were there. No "Out of memory!" comment.  
calendar updated to green.  
Movie web page updated with images.

\_\_\_\_end\_\_\_\_

WEATHER COMMENT: Sat Mar 4 00:23:54 GMT 2006  
In heavy fog and light rain.

\_\_\_\_end\_\_\_\_

\*\*pics\_PROCESSING PROBLEM\*\* : Sat Mar 4 00:49:54 GMT 2006  
Tony found the cause of the "Out of memory!" problem after some difficult  
investigation and fixed the problem files -- 97d365, 98d013 and 98d016.  
He will work on modifying the script to deal with the cause of the  
problem.

In the meantime we will email him the date of any days that exhibit  
the "Out of memory!" problems and he will manually fix them until  
the script is modified.

GREAT JOB, TONY!

\_\_\_\_end\_\_\_\_

COMMENT: Sat Mar 4 00:56:03 GMT 2006  
Shutting down for the day.  
8.0 man-hours on site.

\_\_\_\_end\_\_\_\_

Sat Mar 4 00:59:53 GMT 2006  
MkIV

|              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| 17_31.rawmk4 | 18_39.rawmk4 | 19_34.rawmk4 | 20_30.rawmk4 | 21_26.rawmk4 |
| 17_34.rawmk4 | 18_42.rawmk4 | 19_37.rawmk4 | 20_33.rawmk4 | 21_29.rawmk4 |
| 17_37.rawmk4 | 18_44.rawmk4 | 19_40.rawmk4 | 20_36.rawmk4 | 21_32.rawmk4 |
| 17_40.rawmk4 | 18_47.rawmk4 | 19_43.rawmk4 | 20_39.rawmk4 | 21_35.rawmk4 |
| 17_43.rawmk4 | 18_50.rawmk4 | 19_46.rawmk4 | 20_42.rawmk4 | 21_38.rawmk4 |
| 17_46.rawmk4 | 18_53.rawmk4 | 19_49.rawmk4 | 20_45.rawmk4 | 21_41.rawmk4 |
| 17_49.rawmk4 | 18_56.rawmk4 | 19_52.rawmk4 | 20_48.rawmk4 | 21_44.rawmk4 |
| 17_52.rawmk4 | 18_59.rawmk4 | 19_55.rawmk4 | 20_51.rawmk4 | 21_47.rawmk4 |
| 17_55.rawmk4 | 19_02.rawmk4 | 19_58.rawmk4 | 20_54.rawmk4 | 21_49.rawmk4 |
| 17_58.rawmk4 | 19_05.rawmk4 | 20_01.rawmk4 | 20_57.rawmk4 | 21_52.rawmk4 |
| 18_01.rawmk4 | 19_08.rawmk4 | 20_04.rawmk4 | 21_00.rawmk4 | 21_55.rawmk4 |
| 18_04.rawmk4 | 19_11.rawmk4 | 20_07.rawmk4 | 21_03.rawmk4 | 21_58.rawmk4 |
| 18_07.rawmk4 | 19_14.rawmk4 | 20_10.rawmk4 | 21_05.rawmk4 | 22_01.rawmk4 |

|              |              |              |              |               |
|--------------|--------------|--------------|--------------|---------------|
| 18_10.rawmk4 | 19_17.rawmk4 | 20_13.rawmk4 | 21_08.rawmk4 | c18_19.rawmk4 |
| 18_12.rawmk4 | 19_20.rawmk4 | 20_16.rawmk4 | 21_11.rawmk4 | c18_32.rawmk4 |
| 18_15.rawmk4 | 19_23.rawmk4 | 20_18.rawmk4 | 21_14.rawmk4 |               |
| 18_22.rawmk4 | 19_26.rawmk4 | 20_21.rawmk4 | 21_17.rawmk4 |               |
| 18_28.rawmk4 | 19_29.rawmk4 | 20_24.rawmk4 | 21_20.rawmk4 |               |
| 18_35.rawmk4 | 19_31.rawmk4 | 20_27.rawmk4 | 21_23.rawmk4 |               |