
Mauna Loa Solar Observatory Observer's Log

Fri Jan 16 17:42:41 GMT 1998

Year: 98 Doy: 016

Observer: yasukawa

COMMENT: Fri Jan 16 17:43:06 GMT 1998

Started up using outlined "conservative" startup. Upon initial turn-on, "no tape detected" prompt does not stop. Reset s
tops it and get one to the

'done executing...' message described in outline. Reset KCC again and
typed 'Run' after the scan screen came up.

PSPT COMMENT: Fri Jan 16 17:45:37 GMT 1998

Found that temperature controller in PSPT electronics rack's display
was off because 1 amp fuse had blown. Replaced the fuse and reinstalled
the controller. It is working now.

LOW-L COMMENT: Fri Jan 16 17:47:25 GMT 1998

L00491 was popped out. Cleaned ddrive and inserted L00493 into drive 0.

Fri Jan 16 17:49:09 GMT 1998 PICS Start Patrol

WEATHER COMMENT: Fri Jan 16 17:49:22 GMT 1998

Cool, in broken cirrus, brisk south wind.

art Patrol

MKIII COMMENT: Fri Jan 16 17:51:11 GMT 1998

Not starting MKIII at this time, cirrus too thick.

PSPT COMMENT: Fri Jan 16 17:51:34 GMT 1998

Not starting PSPT at this time due to cirrus.

Fri Jan 16 18:00:24 GMT 1998 PICS Flat

Fri Jan 16 18:01:55 GMT 1998 PICS End Flat

Fri Jan 16 18:02:04 GMT 1998 CHIP Bias

Fri Jan 16 18:03:04 GMT 1998 CHIP End Bias

Fri Jan 16 18:03:12 GMT 1998 CHIP Water

Fri Jan 16 18:03:53 GMT 1998 CHIP End Water

MKIII COMMENT: Fri Jan 16 18:09:55 GMT 1998

*** Recycling H01720, discarding H01719--lots of funnies! ***

PICS COMMENT: Fri Jan 16 18:34:25 GMT 1998

Stopping PICS, cirrus too thick.

End Patrol

Fri Jan 16 19:02:07 GMT 1998 CHIP Bias

Fri Jan 16 19:03:18 GMT 1998 CHIP End Bias

Fri Jan 16 19:03:26 GMT 1998 CHIP Water

Fri Jan 16 19:04:07 GMT 1998 CHIP End Water

Fri Jan 16 19:08:20 GMT 1998 PICS Start Patrol

PSPT COMMENT: Fri Jan 16 19:19:39 GMT 1998

Cirrus thinner, attempting to take data with pspt.

PSPT COMMENT: Fri Jan 16 19:46:20 GMT 1998

PSPT COMMENT: Fri Jan 16 19:47:01 GMT 1998

pspt crashed after init with an IDL REBIN error. alerted Randy and

Haosheng. Randy called back and said he didn't think his program change (last night) would affect program like that. Attempting restart of program. Typed 'exit' to get out of IDL, typed 'Run' at psp prompt.

PSPT COMMENT: Fri Jan 16 19:55:52 GMT 1998

OK, PSPT got past the point where it crashed on first startup attempt and is running OK.

Fri Jan 16 20:01:11 GMT 1998	PICS	Flat
Fri Jan 16 20:02:04 GMT 1998	CHIP	Gain
Fri Jan 16 20:02:33 GMT 1998	PICS	End Flat
Fri Jan 16 20:08:01 GMT 1998	CHIP	End Gain
Fri Jan 16 20:08:08 GMT 1998	CHIP	Bias
Fri Jan 16 20:09:00 GMT 1998	CHIP	End Bias
Fri Jan 16 20:09:08 GMT 1998	CHIP	Water
Fri Jan 16 20:09:45 GMT 1998	CHIP	End Water

PSPT COMMENT: Fri Jan 16 20:21:22 GMT 1998

PSPT crashed again after running for a while, First crash was a REBIN error in IDL. This time it was a CHECK_FITS error. Alerted Randy and Haosheng and Restarted.

PSPT COMMENT: Fri Jan 16 20:40:27 GMT 1998

Crash again, same error as last time.

PSPT COMMENT: Fri Jan 16 20:47:15 GMT 1998

Tried "Restart" this time to restart program.

Fri Jan 16 21:01:04 GMT 1998	CHIP	Bias
Fri Jan 16 21:01:12 GMT 1998	PICS	Flat
Fri Jan 16 21:02:04 GMT 1998	CHIP	End Bias
Fri Jan 16 21:02:12 GMT 1998	CHIP	Water
Fri Jan 16 21:02:38 GMT 1998	PICS	End Flat
Fri Jan 16 21:02:56 GMT 1998	CHIP	End Water

PSPT COMMENT: Fri Jan 16 21:27:02 GMT 1998

Haosheng said that Randy's program put a filename into the header of the flatfield sequence. This caused crashes for him during his testing.

He failed to inform Randy about that so when Randy modified the programs last night he was unaware that his mods would crash the program. A good learning opportunity! In cirrus anyway so data is lousy.

Learned how to close down after a crash where one never gets to the shutdown/cal/continue options menu after the hourly data acquisition.

From the PSP> prompt, type: Obs

This needs to be done after the hour. This will get you to the dialog.

Shut down PSPT for the day, hoping that Randy or Haosheng will fix the program so we can observe with the PSPT tomorrow.

PICS COMMENT: Fri Jan 16 21:53:59 GMT 1998

Getting tape i/o errors on nene.

PSPT COMMENT: Fri Jan 16 21:58:55 GMT 1998

Randy restored Calib.pro to original form. This should eliminate the error that caused the crashes

Fri Jan 16 22:01:05 GMT 1998 CHIP Bias
Fri Jan 16 22:02:03 GMT 1998 CHIP End Bias
Fri Jan 16 22:02:07 GMT 1998 PICS End Flat
Fri Jan 16 22:02:12 GMT 1998 CHIP Water
Fri Jan 16 22:03:00 GMT 1998 CHIP End Water
COMMENT: Fri Jan 16 22:05:43 GMT 1998
Tapes:
MKIII: No data
PICS: P01086
CHIP: C00474
LOWL: L00492
Fri Jan 16 22:07:24 GMT 1998 PICS End Patrol
Fri Jan 16 22:09:37 GMT 1998 CHIP CHIP End Patrol
PSPT COMMENT: Fri Jan 16 22:12:00 GMT 1998
Message from Randy concerning the fix:

.... The other change I made should be no problem, I just placed a 0 where
there was a blank in a header keyword...but, let me know how it goes.

Fri Jan 16 22:15:11 GMT 1998 CHIP ending tape
Fri Jan 16 22:16:18 GMT 1998
MkIII