
Mauna Loa Solar Observatory Observer's Log

Fri May 29 16:32:07 GMT 1998

Year: 98 Doy: 149

Observer: yasukawa

WEATHER COMMENT: Fri May 29 16:33:16 GMT 1998

In thick cirrus overcast, cool, light southeast wind.

Fri May 29 16:34:10 GMT 1998 CHIP Startup--Initializing new tape

Fri May 29 16:43:23 GMT 1998 CHIP CHIP Start Patrol

WEATHER COMMENT: Fri May 29 16:48:38 GMT 1998

Guiding is marginal, CHIP image relatively poor, I will run CHIP,
but may opt to recycle tape if conditions don't improve.

LOW-L COMMENT: Fri May 29 17:01:52 GMT 1998

Stopping LOWL to install new RTD-805. Saving L00519.

Cleaning temp drive 1 as requested, Loading L00521 into drive 1.

MT 1998 CHIP Water

Fri May 29 17:03:59 GMT 1998 CHIP End Water

Fri May 29 17:04:06 GMT 1998 CHIP Velocity

Fri May 29 17:05:19 GMT 1998 CHIP End Velocity

LOW-L COMMENT: Fri May 29 17:38:36 GMT 1998

New RTD installed.

Turned spar power back on, reset CPU to start data onto L00520
in temporary drive 0.

Startup at 1734 UT.

Parameters at 1737 UT with OMEGA setpoint at 25:

ebay=24.689 outside=14.963 fan=-81.543 on/off=7/4 OMEGA temp=23

Fri May 29 18:03:18 GMT 1998 CHIP Bias

Fri May 29 18:04:22 GMT 1998 CHIP End Bias

Fri May 29 18:04:30 GMT 1998 CHIP Water

Fri May 29 18:05:20 GMT 1998 CHIP End Water

Fri May 29 18:05:28 GMT 1998 CHIP Velocity

Fri May 29 18:06:49 GMT 1998 CHIP End Velocity

LOW-L COMMENT: Fri May 29 18:22:51 GMT 1998

At 1820 UT

ebay=24.747 outside=17.072 fan=-77.933 on/off=0/10

OMEGA temp=25

Fri May 29 19:01:22 GMT 1998 CHIP Bias

Fri May 29 19:02:38 GMT 1998 CHIP End Bias

Fri May 29 19:02:46 GMT 1998 CHIP Water

Fri May 29 19:03:33 GMT 1998 CHIP End Water

Fri May 29 19:03:40 GMT 1998 CHIP Velocity
Fri May 29 19:05:04 GMT 1998 CHIP End Velocity
WEATHER COMMENT: Fri May 29 19:08:00 GMT 1998
Cirrus very thick, Guiding is very marginal. No LOWL images.
LOW-L COMMENT: Fri May 29 19:14:07 GMT 1998

at 1912 UT
ebay=27.090 outside=18.719 fan=-75.259 on/off=0/10 OMEGA=28

Fri May 29 19:23:33 GMT 1998 CHIP CHIP End Patrol
LOW-L COMMENT: Fri May 29 19:34:56 GMT 1998
L00520 popped out of temp drive 0 after a few hours of bad data.
Swapped tapes. Recycling L00520, loaded into temp drive 1, the
known good drive, restarted LOWL (reset) and loaded L00521 into
temp drive 0 once active drive selected.
LOW-L COMMENT: Fri May 29 20:25:10 GMT 1998
Had trouble starting system up. System would halt in various places,
giving various indications such as bad Command.com, Invalid
commands, insufficient memory, or just halting.

Tried various reboot methods including complete power down.
None worked.

Swapped Exabyte drive designations while I was scratching my head
about this problem. Drive 0 is now drive 0 and drive 1 is now drive 1.

I had turned rack power off for this swap. When I powered back up,
system loaded correctly and program started up. Data writing to
L00520 in drive 0.

LOW-L COMMENT: Fri May 29 20:30:16 GMT 1998

At 2020 UT
ebay=29.385 outside=19.736 fan=-5.365 on/off=0/10 OMEGA=30

CHIP COMMENT: Fri May 29 20:42:38 GMT 1998
Restarted CHIP

Fri May 29 21:02:05 GMT 1998 CHIP Bias
Fri May 29 21:03:02 GMT 1998 CHIP End Bias
Fri May 29 21:03:09 GMT 1998 CHIP Water
Fri May 29 21:03:54 GMT 1998 CHIP End Water
Fri May 29 21:04:02 GMT 1998 CHIP Velocity
Fri May 29 21:05:15 GMT 1998 CHIP End Velocity
LOW-L COMMENT: Fri May 29 21:12:32 GMT 1998

at 2110 UT
ebay=30.466 outside=21.780 fan=44.455 on/off=0/10 OMEGA=31
LOW-L COMMENT: Fri May 29 21:49:02 GMT 1998

at 2147 UT
ebay=30.850 outside=21.805 fan=61.850 on/off=0/10 OMEGA=32

COMMENT: Fri May 29 21:58:29 GMT 1998

TAPES:

MKIII: no data

PICS: no data

CHIP: C00596

LOWL: L00519 and L00520

Fri May 29 22:03:03 GMT 1998	CHIP	Bias
Fri May 29 22:04:06 GMT 1998	CHIP	End Bias
Fri May 29 22:04:14 GMT 1998	CHIP	Water
Fri May 29 22:04:58 GMT 1998	CHIP	End Water
Fri May 29 22:05:06 GMT 1998	CHIP	Velocity
Fri May 29 22:06:21 GMT 1998	CHIP	End Velocity
Fri May 29 22:09:40 GMT 1998	CHIP	CHIP End Patrol
Fri May 29 22:10:06 GMT 1998	CHIP	ending tape
Fri May 29 22:10:24 GMT 1998		

MkIII