

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Fri Feb 6 17:19:37 GMT 1998

Year: 98 Doy: 037

Observer: yasukawa

Fri Feb 6 17:23:12 GMT 1998 CHIP Startup--Initializing new tape

WEATHER COMMENT: Fri Feb 6 17:24:05 GMT 1998

Cold, clear, light west wind.

Fri Feb 6 17:25:49 GMT 1998 CHIP CHIP Start Patrol

Fri Feb 6 17:26:04 GMT 1998 PICS Start Patrol

Fri Feb 6 17:26:14 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Fri Feb 6 17:32:48 GMT 1998

MKIII not working. Investigating.

Fri Feb 6 17:39:02 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Fri Feb 6 17:40:43 GMT 1998

Reset KCC after checking scan motor. Begin Day again, Restart Patrol.

May be having half-wave plate problem or some microprocessor timing problems as the analog monitors are drifting--data profiles are drifting apart, like 1/rot is drifting. May be due to long period of non-use or cold.

MKIII COMMENT: Fri Feb 6 17:55:24 GMT 1998

Stopping MKIII. Half-wave plate motor is making an awful sound.

I will have to pull it and either lubricate or replace it.

Fri Feb 6 18:01:18 GMT 1998 PICS Flat

Fri Feb 6 18:02:06 GMT 1998 CHIP Bias

Fri Feb 6 18:02:56 GMT 1998 PICS End Flat

Fri Feb 6 18:03:06 GMT 1998 CHIP End Bias

Fri Feb 6 18:03:16 GMT 1998 CHIP Water

Fri Feb 6 18:03:59 GMT 1998 CHIP End Water

MKIII COMMENT: Fri Feb 6 18:32:47 GMT 1998

Front bearing of half-wave plate motor was dried out. Lubricated it and the motor rotation smoothed out considerably. Turned analog back on.

Monitor traces have stabilized.

Resuming Patrol.

Fri Feb 6 18:36:11 GMT 1998 MKIII Start Patrol

PSPT COMMENT: Fri Feb 6 18:36:57 GMT 1998

Late start with PSPT. Preoccupied with MKIII problem.

Fri Feb 6 19:02:07 GMT 1998 CHIP Bias

Fri Feb 6 19:02:23 GMT 1998 PICS Flat

Fri Feb 6 19:03:18 GMT 1998 CHIP End Bias

Fri Feb 6 19:03:31 GMT 1998 CHIP Water

Fri Feb 6 19:04:03 GMT 1998 PICS End Flat

Fri Feb 6 19:04:13 GMT 1998 CHIP End Water

Fri Feb 6 20:00:17 GMT 1998 PICS Flat

Fri Feb 6 20:01:44 GMT 1998 PICS End Flat

Fri Feb 6 20:02:02 GMT 1998 CHIP Gain

Fri Feb 6 20:08:09 GMT 1998 CHIP End Gain

Fri Feb 6 20:08:24 GMT 1998 CHIP Bias  
Fri Feb 6 20:09:22 GMT 1998 CHIP End Bias  
Fri Feb 6 20:09:32 GMT 1998 CHIP Water  
Fri Feb 6 20:10:12 GMT 1998 CHIP End Water  
Fri Feb 6 21:00:14 GMT 1998 PICS Flat  
Fri Feb 6 21:01:41 GMT 1998 PICS End Flat  
Fri Feb 6 21:02:04 GMT 1998 CHIP Bias  
Fri Feb 6 21:03:20 GMT 1998 CHIP End Bias  
Fri Feb 6 21:03:29 GMT 1998 CHIP Water  
Fri Feb 6 21:04:17 GMT 1998 CHIP End Water

MKIII COMMENT: Fri Feb 6 21:04:29 GMT 1998

Tape write is flaky. Getting 'Tape write error 0' message then 'wrote 0 records' messages since 2046 UT. KCC monitor on Write constantly, does not revert to Idle.

Fri Feb 6 22:00:28 GMT 1998 PICS Flat  
Fri Feb 6 22:02:02 GMT 1998 CHIP Bias  
Fri Feb 6 22:03:08 GMT 1998 CHIP End Bias  
Fri Feb 6 22:03:20 GMT 1998 CHIP Water  
Fri Feb 6 22:04:03 GMT 1998 CHIP End Water

COMMENT: Fri Feb 6 22:05:55 GMT 1998

Will clean MKIII, CHIP, and PICS Exabyte drives at the end of observations.

Fri Feb 6 22:07:16 GMT 1998 PICS End Patrol  
Fri Feb 6 22:07:45 GMT 1998 CHIP CHIP End Patrol  
Fri Feb 6 22:08:17 GMT 1998 CHIP ending tape

COMMENT: Fri Feb 6 22:08:28 GMT 1998

Tapes:

MKIII: H01732

PICS: P01105

CHIP: C00494

LOWL: L00495

Fri Feb 6 22:10:30 GMT 1998

MkIII

17_39.rawmk3	19_05.rawmk3	20_02.rawmk3	20_49.rawmk3	21_35.rawmk3
17_42.rawmk3	19_08.rawmk3	20_05.rawmk3	20_52.rawmk3	21_38.rawmk3
17_45.rawmk3	19_14.rawmk3	20_08.rawmk3	20_55.rawmk3	21_41.rawmk3
17_48.rawmk3	19_20.rawmk3	20_11.rawmk3	20_57.rawmk3	21_44.rawmk3
17_51.rawmk3	19_26.rawmk3	20_14.rawmk3	21_00.rawmk3	21_47.rawmk3
17_54.rawmk3	19_30.rawmk3	20_16.rawmk3	21_03.rawmk3	21_50.rawmk3
18_36.rawmk3	19_33.rawmk3	20_19.rawmk3	21_06.rawmk3	21_53.rawmk3
18_39.rawmk3	19_35.rawmk3	20_22.rawmk3	21_09.rawmk3	21_56.rawmk3
18_42.rawmk3	19_38.rawmk3	20_25.rawmk3	21_12.rawmk3	21_59.rawmk3
18_45.rawmk3	19_41.rawmk3	20_28.rawmk3	21_15.rawmk3	22_02.rawmk3
18_47.rawmk3	19_44.rawmk3	20_31.rawmk3	21_18.rawmk3	22_05.rawmk3
18_50.rawmk3	19_47.rawmk3	20_34.rawmk3	21_21.rawmk3	c19_11.rawmk3
18_53.rawmk3	19_50.rawmk3	20_37.rawmk3	21_24.rawmk3	c19_17.rawmk3
18_56.rawmk3	19_53.rawmk3	20_40.rawmk3	21_27.rawmk3	c19_23.rawmk3

18\_59.rawmk3 19\_56.rawmk3 20\_43.rawmk3 21\_30.rawmk3  
19\_02.rawmk3 19\_59.rawmk3 20\_46.rawmk3 21\_32.rawmk3