
Mauna Loa Solar Observatory Observer's Log

Tue Jan 13 17:21:58 GMT 1998

Year: 98 Doy: 013

Observer: yasukawa

WEATHER COMMENT: Tue Jan 13 17:24:00 GMT 1998

Cold, in thin to moderate broken cirrus, light south breeze.

Tue Jan 13 17:24:36 GMT 1998 CHIP Startup--Initializing new tape

Tue Jan 13 17:30:29 GMT 1998 CHIP CHIP Start Patrol

Tue Jan 13 17:30:43 GMT 1998 PICS Start Patrol

MKIII COMMENT: Tue Jan 13 17:39:30 GMT 1998

Standing by with MKIII -- in cirrus.

Tue Jan 13 18:01:03 GMT 1998 CHIP Bias

Tue Jan 13 18:02:04 GMT 1998 CHIP End Bias

Tue Jan 13 18:02:11 GMT 1998 CHIP Water

Tue Jan 13 18:02:13 GMT 1998 PICS Flat

Tue Jan 13 18:02:53 GMT 1998 CHIP End Water

Tue Jan 13 18:03:47 GMT 1998 PICS End Flat

Tue Jan 13 18:06:04 GMT 1998 MKIII Start Patrol

WEATHER COMMENT: Tue Jan 13 18:06:09 GMT 1998

In hole, starting up MKIII.

LOW-L COMMENT: Tue Jan 13 18:23:16 GMT 1998

Temperature controller OK at 30. Reset to 25 to attempt to find out where problem occurs. Will keep track of electronics bay temp., outside temp., fan voltage, and heater duty cycle approximately on the hour again.

Tue Jan 13 19:01:09 GMT 1998 CHIP Bias

Tue Jan 13 19:02:13 GMT 1998 PICS Flat

Tue Jan 13 19:02:20 GMT 1998 CHIP End Bias

Tue Jan 13 19:02:36 GMT 1998 CHIP Water

Tue Jan 13 19:03:26 GMT 1998 CHIP End Water

Tue Jan 13 19:03:48 GMT 1998 PICS End Flat

MKIII COMMENT: Tue Jan 13 19:14:06 GMT 1998

In cirrus. Have not calibrated MKIII yet.

PICS COMMENT: Tue Jan 13 19:36:58 GMT 1998

Prominence at PA 80-85 is slowly lifting.

MKIII COMMENT: Tue Jan 13 19:38:28 GMT 1998

Stopping MKIII to time shutter movements. In cirrus.

Tue Jan 13 19:55:44 GMT 1998 MKIII Start Patrol

MKIII COMMENT: Tue Jan 13 19:56:12 GMT 1998

Shutter averaged 11.6 seconds going in and 13.6 seconds going out.

The current program allows a 12 second time-out, which should get the shutter in all the way and apparently moves the shutter out enough that we do not get any vignetting complaints. David and I decided to leave the 12-second time-out in place since it seems OK and test Darryl's clutch adjustment before making any software changes.

Tue Jan 13 20:01:03 GMT 1998 CHIP Gain

MKIII COMMENT: Tue Jan 13 20:02:13 GMT 1998

Opal was in, moved it out. Out of cirrus.

Tue Jan 13 20:02:20 GMT 1998 PICS Flat
Tue Jan 13 20:03:49 GMT 1998 PICS End Flat
Tue Jan 13 20:07:00 GMT 1998 CHIP End Gain
Tue Jan 13 20:07:09 GMT 1998 CHIP Bias
Tue Jan 13 20:08:05 GMT 1998 CHIP End Bias
Tue Jan 13 20:08:18 GMT 1998 CHIP Water
Tue Jan 13 20:09:03 GMT 1998 CHIP End Water

PICS COMMENT: Tue Jan 13 20:09:34 GMT 1998

EPL at PA 80-85 lifted off or faded.

Tue Jan 13 21:01:03 GMT 1998 CHIP Bias
Tue Jan 13 21:02:09 GMT 1998 PICS Flat
Tue Jan 13 21:02:09 GMT 1998 PICS Flat
Tue Jan 13 21:02:23 GMT 1998 CHIP Water
Tue Jan 13 21:03:07 GMT 1998 CHIP End Water
Tue Jan 13 21:03:38 GMT 1998 PICS End Flat

COMMENT: Tue Jan 13 21:34:04 GMT 1998

Attempted adjusting sky transmission gain. Lost display for a bit. could not get display back for a while while adjusting gains up and down. disconnected and reconnected cable and signal came back. Not sure which exercise did it as I had to run between dome and control room to check things.

COMMENT: Tue Jan 13 21:45:21 GMT 1998

Turning gain adjust pot on sky Tx po down repeated loss of display. connector did nothing. Turning pot back up (CW) returned display. Display values same as before tests. Could not increase values beyond approx. 1411. I was attempting to increase values to around 1700-1900 to see if increased output would quiet the noisy RA and O1-X.

Tue Jan 13 22:01:04 GMT 1998 CHIP Bias
Tue Jan 13 22:02:11 GMT 1998 PICS Flat
Tue Jan 13 22:02:11 GMT 1998 PICS Flat
Tue Jan 13 22:02:23 GMT 1998 CHIP Water
Tue Jan 13 22:03:06 GMT 1998 CHIP End Water
Tue Jan 13 22:03:43 GMT 1998 PICS End Flat

MKIII COMMENT: Tue Jan 13 22:04:47 GMT 1998

Forgot to calibrate. Doing it now.

MKIII COMMENT: Tue Jan 13 22:05:51 GMT 1998

Noticing that tape drive control is stuck at Write (KCC button) and every other message series on akamai window indicates wrote 0 records. Every other is 616.

Tue Jan 13 22:23:21 GMT 1998 PICS End Patrol

COMMENT: Tue Jan 13 22:24:27 GMT 1998

Activity report:

EPL at PA 80-80, began sometime before 1936 and faded around 2009UT.

No coronal activity noted.

COMMENT: Tue Jan 13 22:25:20 GMT 1998

Tapes:

MKIII: H01720
PICS: P01085
CHIP: C00473
LOWL: L00491
Tue Jan 13 22:32:15 GMT 1998
MkIII

18_06.rawmk3	18_56.rawmk3	20_01.rawmk3	20_51.rawmk3	21_41.rawmk3
18_09.rawmk3	18_58.rawmk3	20_04.rawmk3	20_54.rawmk3	21_43.rawmk3
18_12.rawmk3	19_01.rawmk3	20_07.rawmk3	20_57.rawmk3	21_46.rawmk3
18_15.rawmk3	19_04.rawmk3	20_10.rawmk3	21_00.rawmk3	21_49.rawmk3
18_18.rawmk3	19_07.rawmk3	20_13.rawmk3	21_03.rawmk3	21_52.rawmk3
18_20.rawmk3	19_10.rawmk3	20_16.rawmk3	21_05.rawmk3	21_55.rawmk3
18_23.rawmk3	19_13.rawmk3	20_19.rawmk3	21_08.rawmk3	21_58.rawmk3
18_26.rawmk3	19_16.rawmk3	20_22.rawmk3	21_11.rawmk3	22_01.rawmk3
18_29.rawmk3	19_19.rawmk3	20_25.rawmk3	21_14.rawmk3	22_04.rawmk3
18_32.rawmk3	19_22.rawmk3	20_28.rawmk3	21_17.rawmk3	22_07.rawmk3
18_35.rawmk3	19_25.rawmk3	20_30.rawmk3	21_20.rawmk3	22_13.rawmk3
18_38.rawmk3	19_28.rawmk3	20_33.rawmk3	21_23.rawmk3	22_19.rawmk3
18_41.rawmk3	19_31.rawmk3	20_36.rawmk3	21_26.rawmk3	22_25.rawmk3
18_44.rawmk3	19_34.rawmk3	20_39.rawmk3	21_29.rawmk3	c22_10.rawmk3
18_47.rawmk3	19_36.rawmk3	20_42.rawmk3	21_32.rawmk3	c22_16.rawmk3
18_50.rawmk3	19_55.rawmk3	20_45.rawmk3	21_35.rawmk3	c22_22.rawmk3
18_53.rawmk3	19_58.rawmk3	20_48.rawmk3	21_38.rawmk3	