
Mauna Loa Solar Observatory Observer's Log

Fri Dec 2 16:46:14 GMT 2016

Year: 16 Doy: 337

Observer: berkey

WEATHER COMMENT: berkey: Fri Dec 02 16:47:49 GMT 2016

Temp: 37.0f, Humidity: 82%, Pressure: 28.832in, Wind: 5mph from 166deg, Skies: Heavy overcast with thunderstorms to the south of the mountain. Looks like we got a lot of melting overnight; ice on the road started about 10,000ft with accumulated snow/ice starting about 1 mile from the observatory.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 17:32:56 GMT 2016

Moderate rain/sleet now falling

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 17:48:21 GMT 2016

Snowing. Looks like the building camera is pointing directly into the on coming wind so we are quickly getting obscured.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 18:15:29 GMT 2016

Minor dome leak. Drip rate is about one drop ever 1-5minutes. Drips are coming from the peak of the dome shutter on the right hand side of the shutter. currently this is the winward side of the shutter.

Drips are falling onto the pier and appear to be avoiding all of the instrumentation.

____end____

GONG COMMENT BY berkey: Fri Dec 02 19:26:24 GMT 2016

Gong turret stowed and covered.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 19:49:33 GMT 2016

We got about 1 inch of snow since sunrise.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 19:54:45 GMT 2016

Looks like the iiii disk filled up which caused the webcams to stop saving data.

Deleting a bunch of old webcam images; allowed us to start taking dome and spar images again.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 20:53:45 GMT 2016

There doesn't seem to be much of a leak any more. Dome and spar moved slightly to help incase it comes back.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 20:59:33 GMT 2016

Looks like the NOAA anemometers are frozen. Wind measurements may be artificially 0 in the weather log until the sun comes out. My current guess is we should be seeing ~5mph.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 21:03:37 GMT 2016

Made some adjustments to the building camera today to hopefully prevent it from icing up. But now the camera is poorly aligned to its case, so it has a bit of an instagram filter going on.

____end____

GENERAL COMMENT BY berkey: Fri Dec 02 21:04:22 GMT 2016

Observatory is more or less in a condition to be abandoned for the next few days.

Comp dewar is full and camera is off.

Gong is stowed.

Greg will try to make it up Saturday and Sunday to fill the dewar if conditions improve but the forecast for the weekend (and through Tuesday) do not look good for observing or mountain access. Hopefully every pickup owner on the big island will be up over the weekend to help plow the road below the gate and remove any accumulated snow from the road :)

____end____