
Mauna Loa Solar Observatory Observer's Log

Mon Apr 18 16:31:07 GMT 2022

Year: 22 Doy: 108

Observer: mlso

WEATHER COMMENT: mcotter: Mon Apr 18 16:38:30 GMT 2022

Temp: 33.8f, Humidity: 83%, Pressure: 28.839in, Wind: 3mph from 180degs, Skies: Gray overcast skies with Cirrostratus and high altitude Cirrus clouds covering much of the sky. Altocumulus clouds in the Saddle Valley, along with mist and fog up to approximately 7000' elevation. The road was covered with ice and frost above approximately 9000' elevation to the science center. Very frosty conditions with ice at the observatory. Snow and ice covering the summits of Maunaloa and Maunakea.

___end___

GENERAL COMMENT BY mcotter: Mon Apr 18 16:39:15 GMT 2022

Leaving the dome closed at this time due to poor sky conditions.

___end___

WEATHER COMMENT: mcotter: Mon Apr 18 19:10:54 GMT 2022

Temperatures are coming up slowly and the frost and ice that was present all over the grounds and walkways has begun to melt, though icy patches still remain in many places. The upper sky is completely overcast with translucent Cirrostratus clouds, with Altocumulus clouds scattered all around the mountains and shorelines of the Big Island. There is a bluish haze visible on the horizon in all directions. Winds remain light blowing from the northwest.

The dome remains closed due to poor sky conditions.

___end___

GENERAL COMMENT BY mcotter: Mon Apr 18 20:37:47 GMT 2022

Just a moment ago the UPS backup power system made a brief beeping noise and then stopped within one to two seconds. It appears we had a momentary power outage or perhaps a momentary power drop on one of the phases coming to the building.

___end___

WEATHER COMMENT: mcotter: Mon Apr 18 20:44:34 GMT 2022

The MLSO and science center is completely socked in with clouds, fog and mist, with a light rain and drizzle falling at this time.

___end___

WEATHER COMMENT: mcotter: Tue Apr 19 00:22:29 GMT 2022

Temp: 40.6f, Humidity: 100%, Pressure: 28.866in, Wind: 2mph from 344degs, Skies: The sky continues to be completely overcast with very heavy fog and mist surrounding the MLSO and science area. Visibility appears to be less than 50' to 75' at this time.

___end___

WEATHER COMMENT: mcotter: Tue Apr 19 01:24:56 GMT 2022

It is getting really bad out with dense fog rain and sleet.

I am going to leave the premises a little early due to the poor weather conditions.

No observing today due to the poor weather and sky conditions.

___end___

ONSITE STAFF: mcotter