
Mauna Loa Solar Observatory Observer's Log

Thu Sep 16 16:54:26 GMT 2021

Year: 21 Doy: 259

Observer: mlso

WEATHER COMMENT: mcotter: Thu Sep 16 17:00:38 GMT 2021

Temp: 42.5f, Humidity: 79%, Pressure: 28.76in, Wind: 0mph from 162degs, Skies: Overcast skies with Cirrus, Cirrostratus, Alto cumulus and Cumulus clouds scattered across the entire sky at all levels. Fog and mist in the Saddle Valley up to approximately the 8500' level with wet roads up to the science center. Everything is very wet.

____end____

GENERAL COMMENT BY mcotter: Thu Sep 16 17:01:49 GMT 2021

Keeping the dome closed at this time as the sky is completely overcast with clouds at various elevations.

____end____

WEATHER COMMENT: mcotter: Thu Sep 16 21:28:58 GMT 2021

Temp: 49.5f, Humidity: 91%, Pressure: 28.802in, Wind: 10mph from 302degs, Skies: The sky is now totally overcast with with fog visible in the near distance. There is also a slight mist in the air.

____end____

GENERAL COMMENT BY mcotter: Fri Sep 17 02:50:51 GMT 2021

The weather was crummy all day! Today was wet, cold and damp, with overcast skies the entire day. You can feel winter is on its way.

____end____

GENERAL COMMENT BY mcotter: Fri Sep 17 03:03:37 GMT 2021

I worked on the extruded aluminum piece that is going to be bolted to the spar. I pre-drilled all the mounting holes and made cutout reliefs for existing hardware that is present on the spar. I drilled and tapped one of the mounting holes into the spar and did a preliminary mounting of the extrusion. When I had it mounted to the spar the relief holes that I made to accommodate the existing hardware was a little off, so I removed the extrusion and modified the clearance on these cutouts. I re-attached the extrusion and it fit well with no problems with the cutout reliefs. I transfer punched a few of the mounting holes onto the spar for drilling and tapping. I removed the extrusion so that I could do a final finish of the piece; clean up all rough edges and prepare it to be permanently installed. I should be able to finish the installation on Monday.

____end____

GENERAL COMMENT BY mcotter: Fri Sep 17 03:03:59 GMT 2021

Poor weather all day.

No data today.

____end____

ONSITE STAFF: mcotter