
Mauna Loa Solar Observatory Observer's Log

Tue Jun 29 16:44:12 GMT 2021

Year: 21 Doy: 180

Observer: mlso

WEATHER COMMENT: mcotter: Tue Jun 29 16:47:39 GMT 2021

Temp: 50.7f, Humidity: 10%, Pressure: 28.634in, Wind: 7mph from 157degs, Skies: Clear but slightly hazy skies. The inversion layer is visible on the horizon approximately at or above Maunakea. Clouds visible on the horizon to the east, north and west.

____end____

UCoMP COMMENT BY berkey: Tue Jun 29 16:38:13 GMT 2021

CoMP Cropico code changed after observing yesterday, to delay temp poll until after instrument init completes previously we only waited 6 seconds after starting up labview this may have meant we were polling the cropico before initializing it. There was also a check added to the cropico results, such that if any values are <10C we would try a second poll before accepting the temps.

____end____

Tue Jun 29 16:57:38 GMT 2021 Kcor Focus/alignment program exited

KCOR COMMENT BY mcotter: Tue Jun 29 17:05:56 GMT 2021

Kcor up and running.

SGS Offsets: X(RA): -125, Y(Dec): 110

Polarization checked good: Mid, Bright, Dark, Mid.

____end____

UCoMP COMMENT BY mcotter: Tue Jun 29 17:06:26 GMT 2021

Ucomp up and running.

____end____

WEATHER COMMENT: mcotter: Tue Jun 29 22:48:42 GMT 2021

Temp: 59.5f, Humidity: 22%, Pressure: 28.634in, Wind: 14mph from 59degs, Skies: Skies remain relatively clear but the wind has steadily been increasing throughout the morning. Current sustained wind speeds are > 20mph, with gusts of wind occurring frequently in excess of this speed. I have observed buffeting of the spar in the RA/Dec trace errors when the gusts occur. I will continue to run the instruments but will monitor the wind closely.

____end____

GENERAL COMMENT BY mcotter: Tue Jun 29 23:04:01 GMT 2021

After rotating the dome opening the wind's effect on the spar seems to have lessened. When I first entered the dome the wind was blasting throughout the dome and pushed on the entry doors. Now the wind in the dome is less and not nearly as strong as before.

____end____

WEATHER COMMENT: mcotter: Wed Jun 30 01:17:29 GMT 2021

Temp: 57.2f, Humidity: 48%, Pressure: 28.571in, Wind: 23mph from 9degs, Skies: Orthographic clouds have blown in from the north-northwest.

____end____

GENERAL COMMENT BY mcotter: Wed Jun 30 01:40:07 GMT 2021

Pausing Kcor and Ucomp until conditions improve.

____end____

WEATHER COMMENT: mcotter: Wed Jun 30 01:41:18 GMT 2021

Heavy cloud coverage has occurred with blowing fog and mist. The dome shutter doors and windows have been closed.

____end____

GENERAL COMMENT BY mcotter: Wed Jun 30 02:01:00 GMT 2021

The day started a little hazy but overall clear skies prevailed until late afternoon when Orthographic clouds came in from the north-northwest accompanied by bits of fog and mist.

Overall a good day to take data.

end

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