
Mauna Loa Solar Observatory Observer's Log

Mon Apr 9 16:20:02 GMT 2018

Year: 18 Doy: 099

Observer: waters

WEATHER COMMENT: waters: Mon Apr 09 16:36:12 GMT 2018

Temp 40F with windspeed at about 3-7mph from the Southeast. Sky completely covered with cirrus and there are some cumulus clouds to the Northeast. Seems we lost power briefly yesterday but only for six minutes.

____end____

GENERAL COMMENT BY waters: Mon Apr 09 21:51:41 GMT 2018

The amount that we took off the spar was 174 lbs. That is excluding all the cables that were taken down.

____end____

WEATHER COMMENT: waters: Tue Apr 10 00:11:50 GMT 2018

Currently raining.

____end____

GENERAL COMMENT BY waters: Tue Apr 10 00:40:28 GMT 2018

Steve and Ben got the cables, electronics box and aft optics box for CoMP off the Spar. They weighed and measured the distance of where the weight was and recorded it. We were able to get all the cables down into the control room safely and without too much of a hitch.

Steve was able to pack a good amount of what was taken off, but there is still, maybe, two to three small boxes left to pack and then the big one.

Ben and I re-balanced the spar; Ben added enough weight back on to do this safely with two people. For the RA, Ben added about 10-15 lbs (double check with Ben on that) on the counter weight arm but also moved some weight on the platforms there; he also added about five pounds to the back end and then moved the weights up quite a bit. For the DEC, on the counter-weight arm that's on the West side of the spar, we flipped a part of it. There was a cross piece that went from South to North, with it longer on the South side and now it's longer on the North side. We also adjusted the weight platform on that cross piece. It seems that the spar is as balanced as we can get it to be. However, the spar still needs to be tuned.

All in all, a good amount of work got done today.

____end____

GENERAL COMMENT BY waters: Tue Apr 10 01:59:14 GMT 2018

Unfortunately the weather did not clear up. Hopefully tomorrow will be better.

____end____

ONSITE STAFF: berkey, waters, Steve Tomczyk