

Oregon Research WMR 968 Anemometer Freeze Prevent Modification

"...We've had a decent variety of weather(Snow, sleet, freezing rain, ice) since I added it so I can safely say it has helped. The Gatorade bottle I used was one of their sport bottles with the "squirt" top. My wife saved a bunch of them for water and I commandeered a couple. With this particular bottle I was able to keep the thick "neck" and the flare of the bottle was perfect for keeping any hanging drops away from the body of the anemometer..."

Shown below is the Gatorade Sport Bottle that I used to make the rain skirt to prevent freezing rain from freezing my OR WMR968 Anemometer.



I used a dremel tool to cut the threaded top off the bottle. Please note that I left the hard ream on the skirt as this adds rigidity to it. I then cut around the bottle at about where the blue plastic wrap meets the bottle. I then used the dremel tool to shape the outside of the skirt into perfectly round circle.

Next I had to use a file to file out the inside of the skirt so it was a snug fit on the anemometer shaft.

Pictured below is the skirt that I painted white and then coated with spur varnish to protect it from the weather. I then added some white silicon to the area where the skirt will fit and shoved it up onto the anemometer shaft. This holds it in place. I then used my finger to evenly spread the silicon around the top of the skirt. Looks like it was from the factory!

