

Met Packages
Originated by Rich Findley (U. Miami) on Sat, 6 Aug 2011

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All,

I am looking for an all in one meteorological package with wind speed & direction, air temperature, barometric pressure and relative humidity. I have used Coastal Climate's Weatherpak 2000 but it had more reliability problems than I liked.

I am currently looking at the Vaisala WXT520 and the Gill MetPak. Does anyone in the community have experience using the sensors on ships or buoys? Anything else I should be looking at?

Regards,

Rich

Richard Findley
Director Marine Technical Services
University of Miami

Reply From: David Fisichella (WHOI) on Mon, 08 Aug 2011

Rich,

WHOI has been using the WXT520's for a couple of years now with good success. They produce "forecast" quality and not "climate" quality data, like the older IMET instruments, however, this is the standard for most of the MET instruments out there anyway. Also, the cost to purchase and maintain them is an order of magnitude lower. Because of this I can put multiple WXT520's on the mast for redundancy. If someone requests IMET instruments we put on a set for that cruise.

If you do look seriously at the Vaisala's don't purchase any of the WXT510's. They had problems with water leakage.

Give a call if you want more specific information.

David
