## Weather Buoys

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A large network of coastal weather buoys near the United States is maintained by the National Data Buoy Center, with deployment and maintenance performed by the United States Coast Guard.

Weather buoys measure parameters such as air temperature above the ocean surface, wind speed (steady and gusting), barometric pressure, and wind direction. They also measure water temperature, wave height, and dominant wave period

You can see a plot of the weather buoys at this web site: <u>https://www.ndbc.noaa.gov/obs.shtml</u>. Click on **Station List** to see data from a particular buoy.

The plot of most of CG District 1 is below.



Weather buoys vary in size and shape. A typical one is shown below.



## Types of moored buoys used by the National Data Buoy Center



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