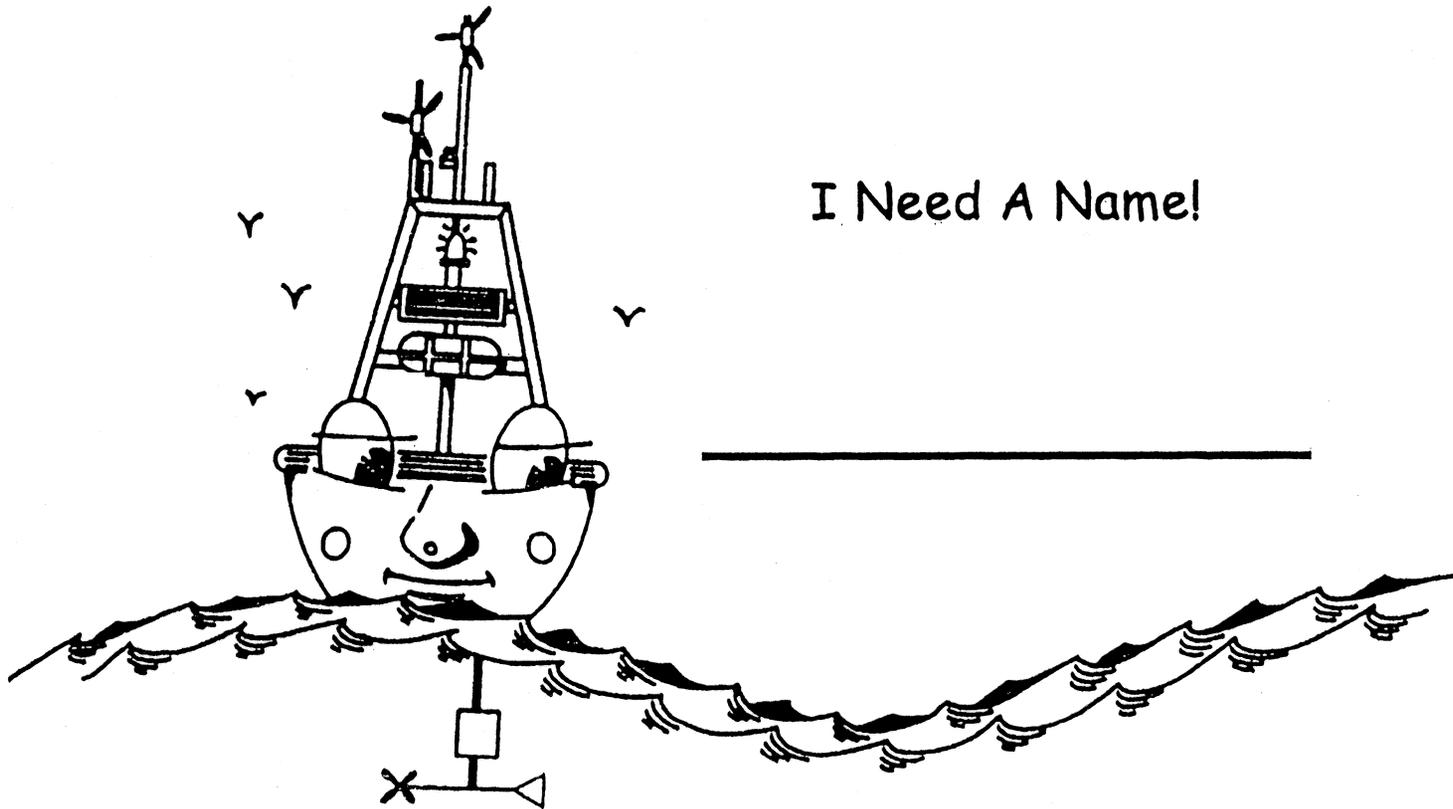
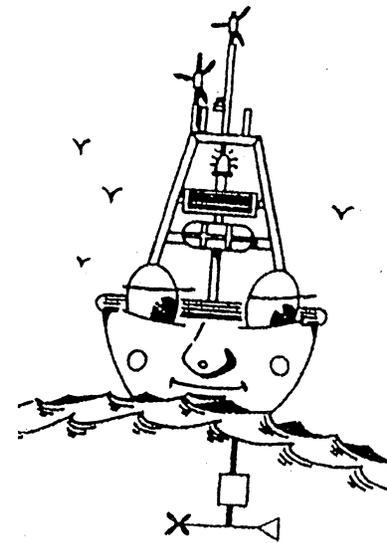


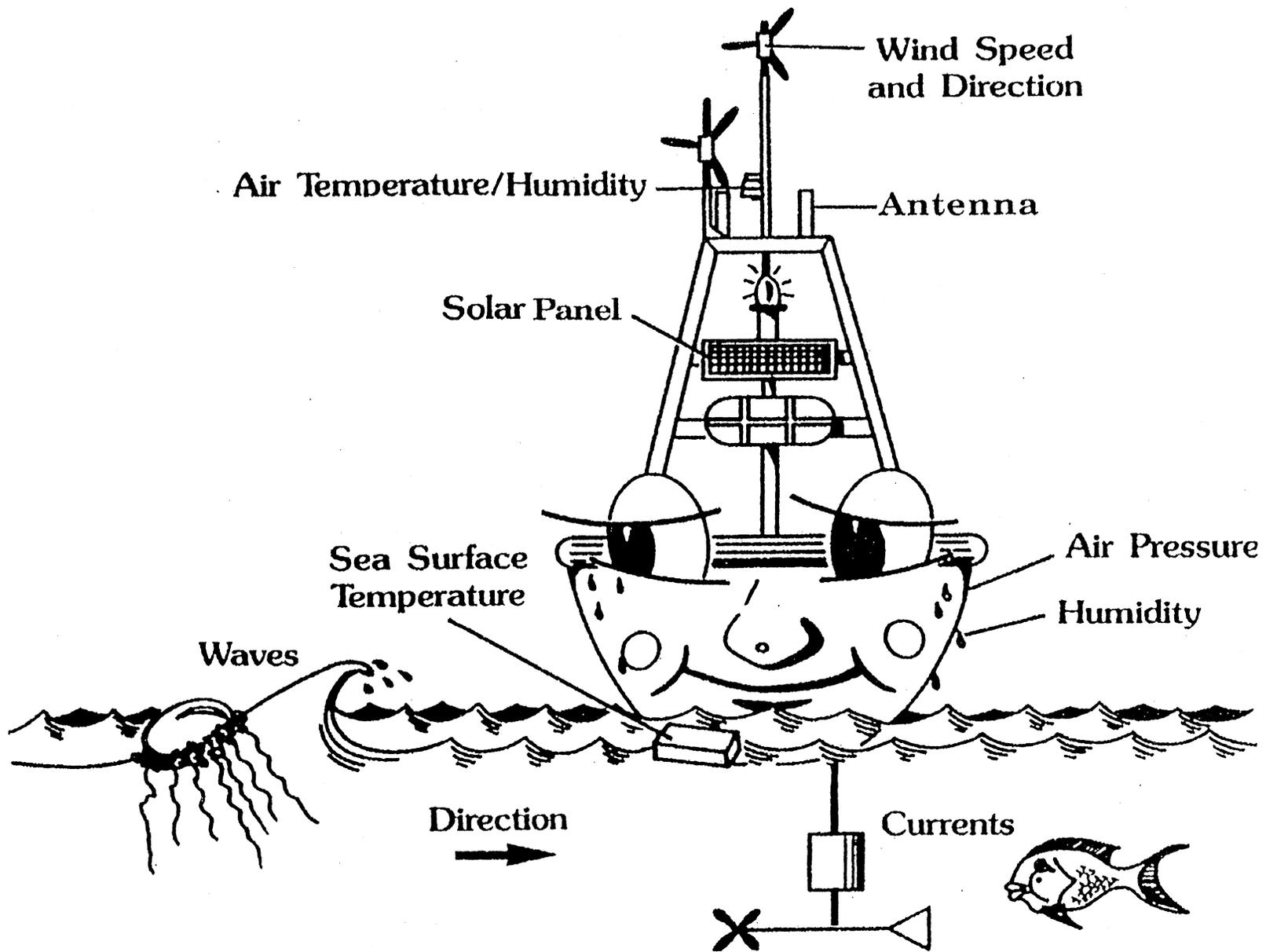
NATIONAL DATA BUOY CENTER



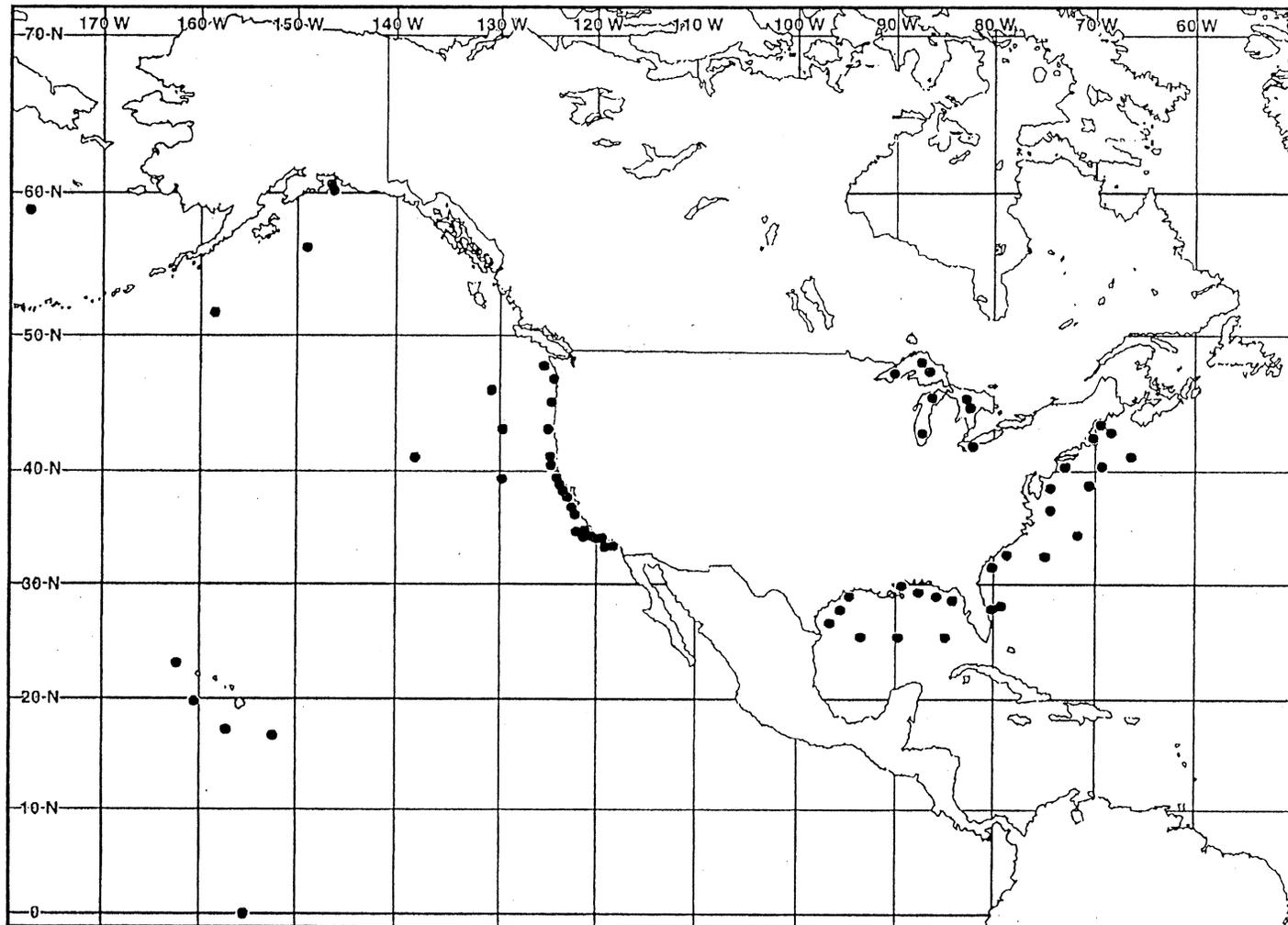
I Need A Name!

I am a buoy. I bob around in the ocean and measure data from the atmosphere and from the ocean. I receive my power from the sun and send my data to a satellite through my antenna.



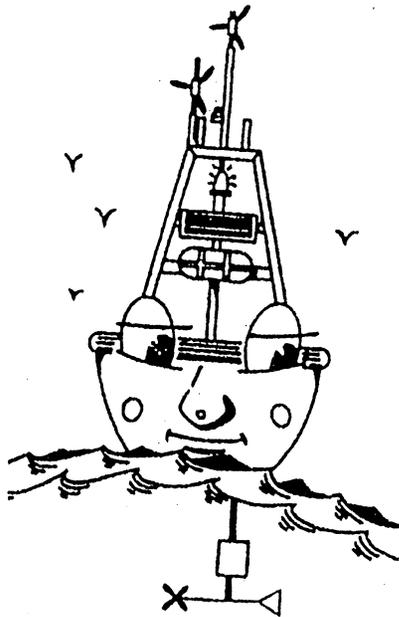


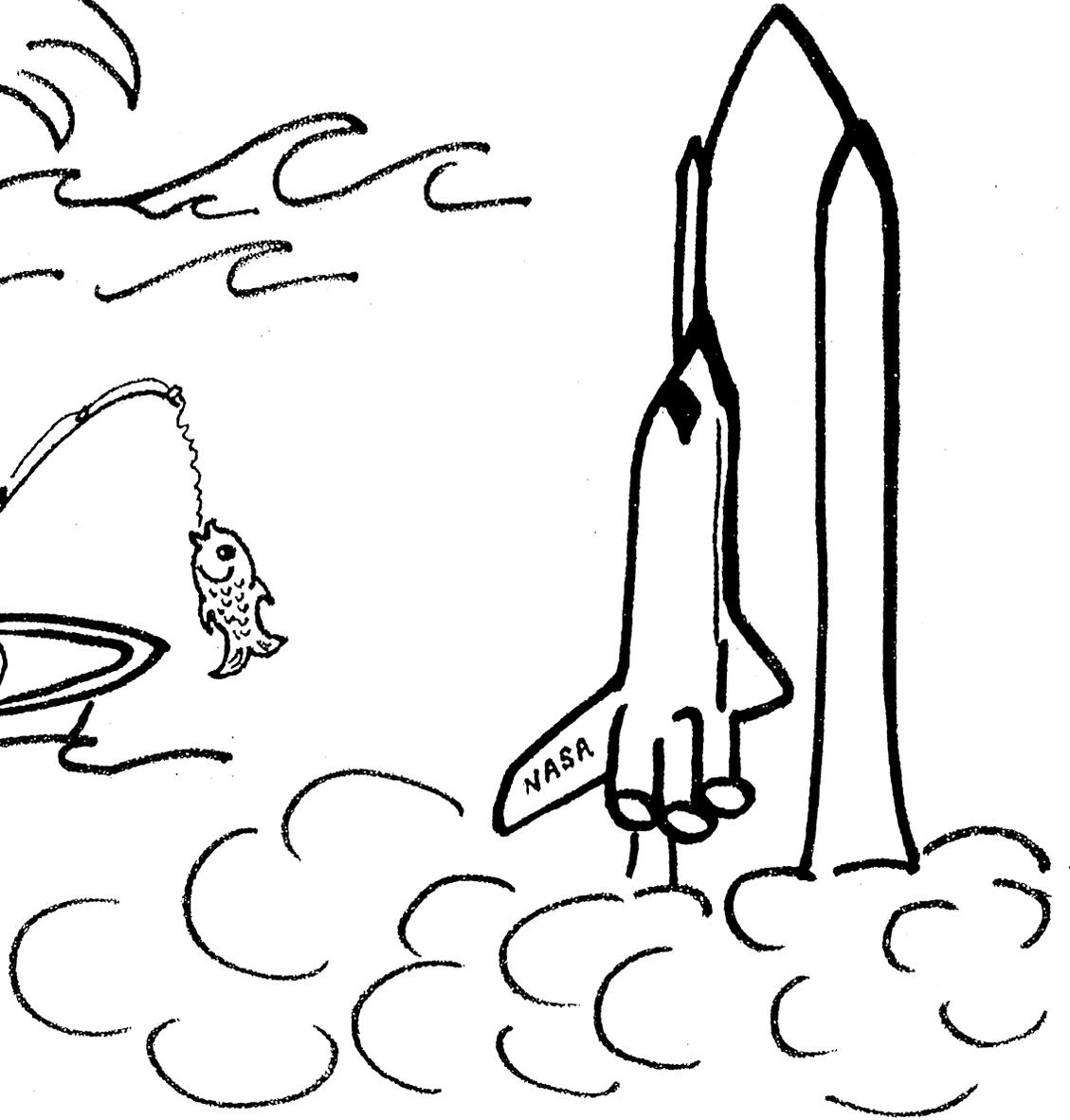
The little dots show where all the buoys are located. The buoys are used to forecast the weather.



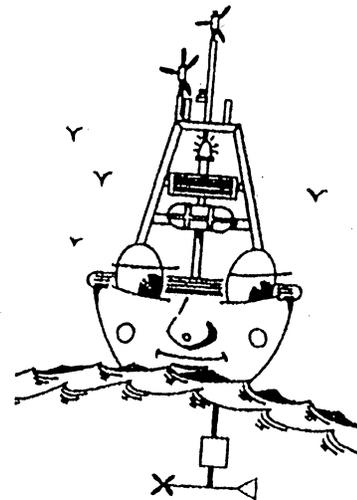
The people that use the data from the buoys are the Weather Service, ships, small boats, surfers, fisherman, and swimmers.

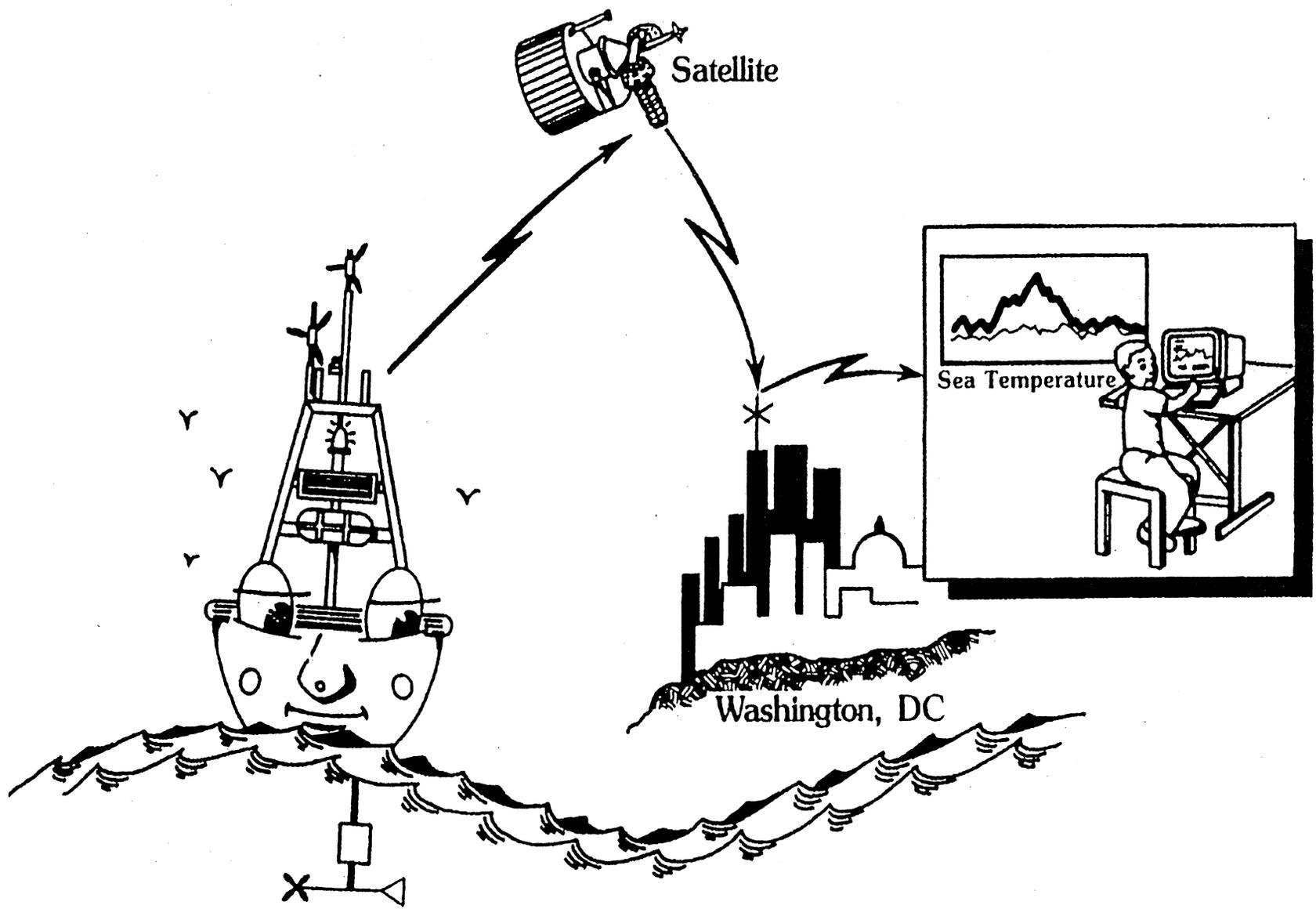
NASA uses two of the buoys off of Cape Kennedy to review the weather for the Space Shuttle launches.





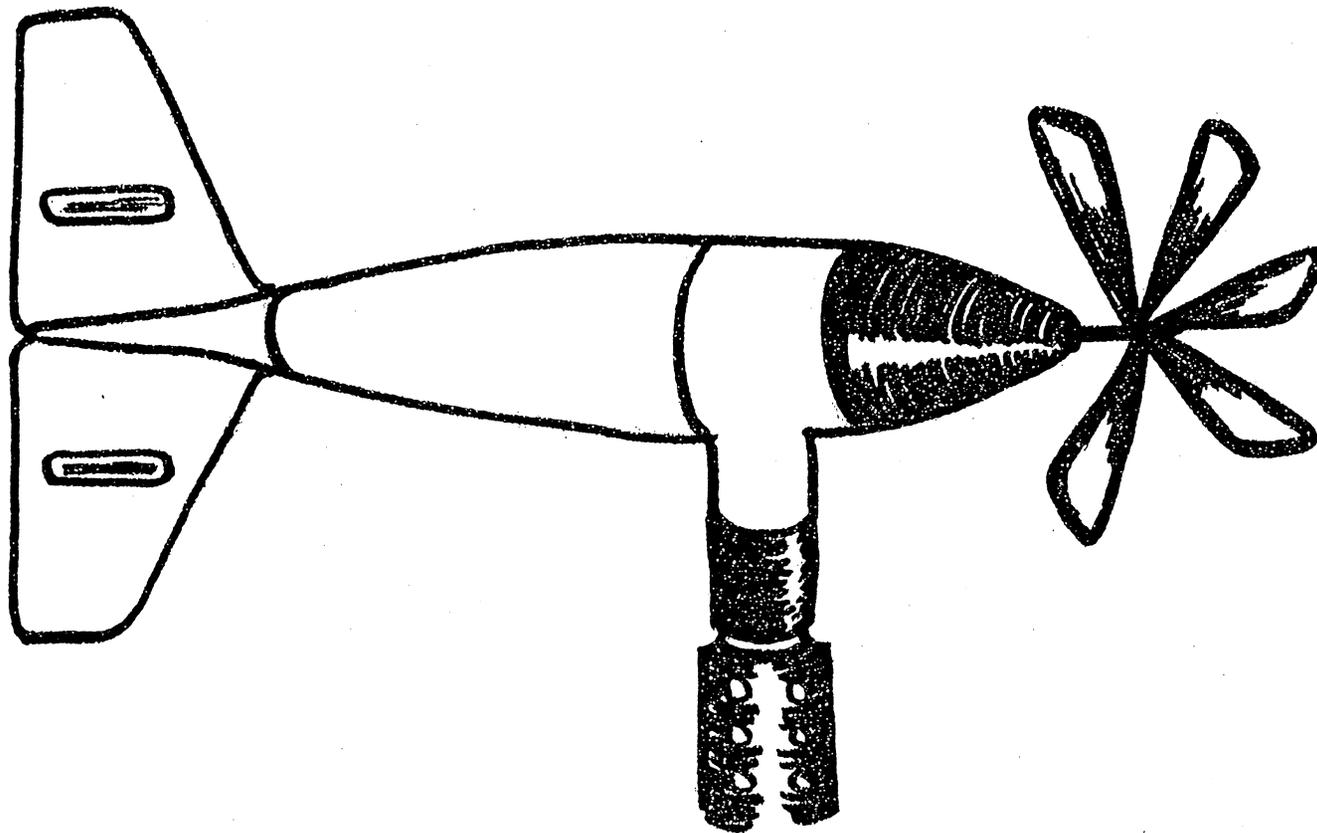
I send my data to the satellite. The satellite sends my data to Washington, D.C. and to the National Data Buoy Center at Stennis Space Center where they check my data to make sure they are correct. Then they put it on the Internet. My Web site address is: <http://www.ndbc.noaa.gov>



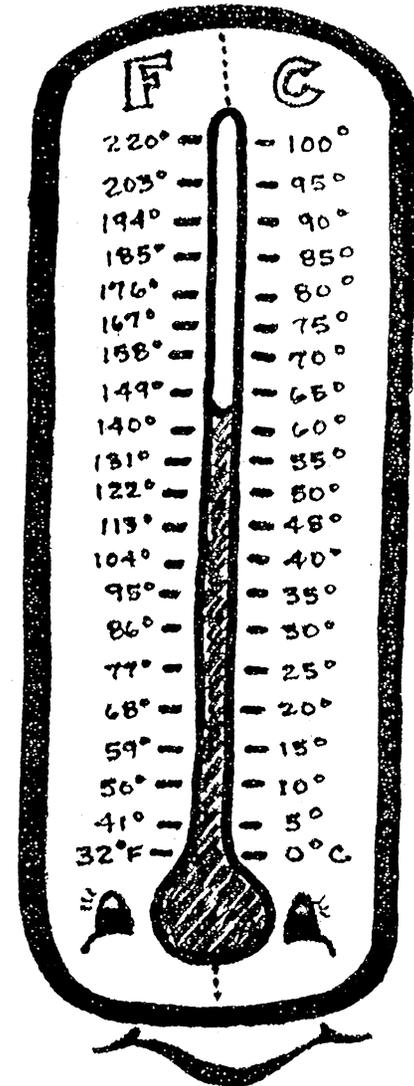


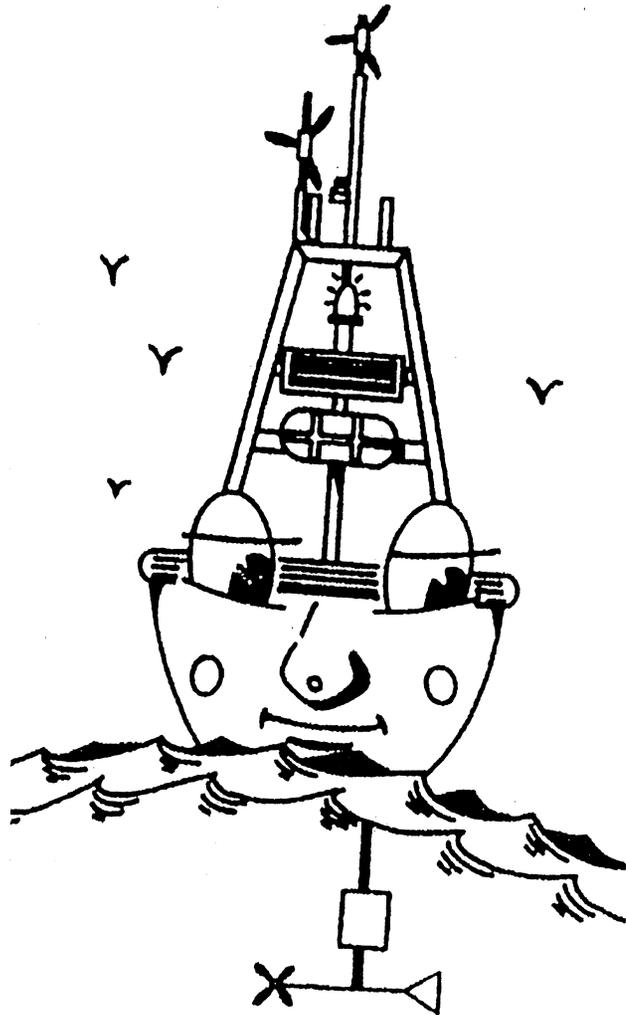
The anemometer tells how fast the wind goes and from where the winds blow.

ANEMOMETER (Wind Speed and Direction)



I am a thermometer. On my scale you will see the temperature given in degrees Celsius and in degrees Fahrenheit. When it is 25° Celsius what is the temperature in Fahrenheit?





On the buoys there are two thermometers. One measures the temperature of the air, and one measures the temperature of the water.

This book belongs to:

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