



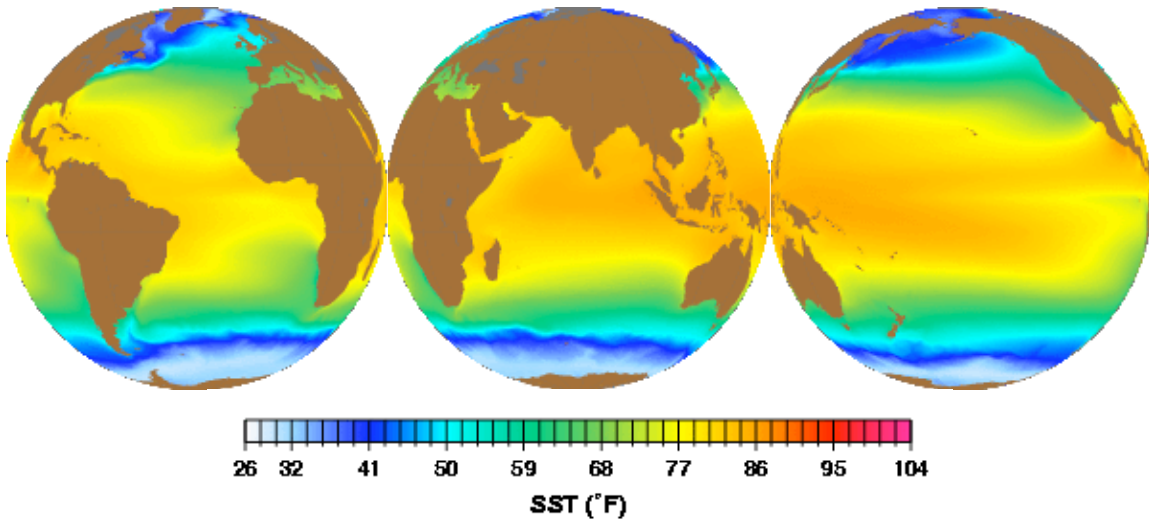
CIMAS

The Cooperative Institute for Marine
and Atmospheric Studies



The National Oceanographic
Partnership Program

Ocean Surface Currents



Move the mouse over any ocean to see the ocean surface currents in that ocean.
Click on a ocean to explore the ocean surface currents in that ocean in greater detail.

New currents posted:

[The North Equatorial Current](#) [The North Equatorial Counter Current](#) [The South Equatorial Current System](#)

A web-based ocean current reference site. Each current has important links, summary text detailing velocity and hydrographic observations, and plots such as, average current speed and locations, drifting buoy positions, sea surface temperature maps, and HYCOM simulations.

Introduction to Ocean Surface Currents

- ▶ **Ocean Gyres** - Wind driven circulation, Coriolis force, and the thermohaline circulation.
- ▶ **Glossary** - General ocean current terminology.

Exploring the Ocean Surface Currents in Detail by Ocean

- ▶ **Atlantic Ocean Currents** - Explore 32 different current systems in the Atlantic Ocean.
- ▶ **Indian Ocean Currents** - Under Construction.
- ▶ **Pacific Ocean Currents** - Under Construction.
- ▶ **Polar Oceans Currents** - The Arctic Ocean and The Southern Ocean.
- ▶ **Marginal Sea Currents** - The Caribbean Sea and Gulf of Mexico, The Mediterranean Sea.

To Explore Further ...

- ▶ **Basin Maps** - Topography/Bathymetry, Historical Ship Drift, Satellite-Derived Currents (OSCAR), and Drifting Buoy maps.
- ▶ **Data (SST & SVV)** - A description of the Sea Surface Temperature Fields, the Sea Surface Velocity Vectors, and buoy trajectories used on this site.
- ▶ **Ocean Current Properties** - Table of surface current properties.

- ▶ **South Florida Outreach**
- ▶ **External Links** - More educational links that maybe of interest.
- ▶ **Oceanography Careers**
- ▶ **Site Index / Site Map**
- ▶ **Acknowledgments**
- ▶ **Contact Information**
- ▶ **Guest Book** - Please Sign our Guest Book.

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The material on this site was researched and written by many PEOPLE and without their hard work, this site would not be possible.

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