

Ocean Regions

In order to facilitate looking at regional groups of bottom pressure records, each location is associated one of five oceans. Some of the oceans are then further subdivided. We have based these categorisations on those established in three prior publications of pelagic tidal constants: [IAPSO Publication Scientific No. 30](#), [33](#), and [35](#) (see reference below).

1. Atlantic Ocean
 1. Northeast Atlantic Ocean, north of 23° 30'N, east of 40°W, including the northern North Sea.
 2. Northwest Atlantic Ocean, north of 23° 30'N, west of 40°W, including the Gulf of Mexico, the Labrador Sea and Hudson Bay.
 3. Tropical Atlantic Ocean, between 23° 30'N and 23° 30'S, including the Caribbean Sea.
 4. South Atlantic Ocean, between 23° 30'S and 55°S, west of 20°E.
2. Pacific Ocean
 1. Northeast Pacific Ocean, north of 23° 30'N, east of 180°W, including the Bering Sea and the Gulf of California.
 2. Northwest Pacific Ocean, north of 23° 30'N, west of 180°W, including the Seas of Okhotsk and Japan and the East China Sea.
 3. Tropical Pacific Ocean, between 23° 30'N and 23° 30'S, including the South China Sea.
 4. South Pacific Ocean, between 23° 30'S and 55°S, including the Tasman Sea.
3. Indian Ocean
 1. Indian Ocean (East), north of 55°S, between 80°E and 120°E, including the Bay of Bengal.
 2. Indian Ocean (West), north of 55°S, between 20°E and 80°E, including the Arabian Sea and the Gulf of Aden.
4. Southern Ocean
 1. Southern Ocean (East), south of 55°S, from 20°E, eastwards to 160°W, including the Indian Ocean south of Australia (120°E to 150°E) and the Ross Sea.
 2. Southern Ocean (West), south of 55°S, from 20°E, westwards to 160°W, including the Weddell Sea.
5. Arctic Ocean

References:

Smithson, M.J. 1992. Pelagic tidal constants - 3. [IAPSO Publication Scientifique No. 35](#). 191pp.

Cartwright, D.E., and B.D. Zetler, 1985. Pelagic tidal constants - 2. [IAPSO Publication Scientifique No. 33](#). 59pp.

Cartwright, D.E., B.D. Zetler, and B.V. Hamon, 1979. Pelagic tidal constants. [IAPSO Publication Scientifique No. 30](#). 65pp.