

**Table 1: Volumes of the World's Oceans from ETOPO1**

	Area <sup>+</sup> (km <sup>2</sup> )	% Ocean Area	Volume (km <sup>3</sup> )	% Ocean Volume	Avg. Depth (m)	Max Depth (m)
Arctic Ocean	15,558,000	4.3	18,750,000	1.4	1205	5567
Atlantic Ocean	85,133,000	23.5	310,410,900	23.3	3646	8486
<i>Baltic Sea</i>	406,000	0.1	20,900	0.0	51	392
<i>Mediterranean</i>	2,967,000	0.8	4,390,000	0.3	1480	5139
<i>North Atlantic</i>	41,490,000	11.5	146,000,000	10.9	3519	8486
<i>South Atlantic</i>	40,270,000	11.1	160,000,000	12.0	3973	8240
Indian Ocean	70,560,000	19.5	264,000,000	19.8	3741	7906
Pacific Ocean	161,760,000	44.7	660,000,000	49.4	4080	10,803
<i>North Pacific</i>	77,010,000	21.3	331,000,000	24.8	4298	10,803 <sup>#</sup>
<i>South Pacific</i>	84,750,000	23.4	329,000,000	24.6	3882	10,753
South China Sea	6,963,000	1.9	9,880,000	0.7	1419	7352
Southern Ocean*	21,960,000	6.1	71,800,000	5.4	3270	7075
<b>Total:</b>	<b>361,900,000<sup>◇</sup></b>	<b>100.0</b>	<b>1,335,000,000</b>	<b>100.0</b>	<b>3688</b>	<b>10,803</b>
Error Estimates:	0.1%		1%			

+ Boundaries between oceans vary depending upon agency, making comparisons with other published estimates difficult.

◇ Total surface area of Earth is 510,072,000 sq. km. The oceans cover ~70.9%.

\* Southern Ocean area and volume calculated from ETOPO1 Bedrock version (includes Weddell and Ross seas without ice cover).

# Deepest ocean depth is in the Marianas Trench, measured at 10,911 meters. Maximum depths from ETOPO1 are not expected to exactly match known measured maximum depths as ETOPO1 represents average depths over ~4 sq. km areas.

*Eakins, B.W. and G.F. Sharman, Volumes of the World's Oceans from ETOPO1, NOAA National Geophysical Data Center, Boulder, CO, 2010.*

[http://www.ngdc.noaa.gov/mgg/global/etopo1\\_ocean\\_volumes.html](http://www.ngdc.noaa.gov/mgg/global/etopo1_ocean_volumes.html)