

LME	TPP (g C m ⁻² yr ⁻¹)	FC (g C m ⁻² yr ⁻¹)	CTE%
Agulhas current	213.22	0.2387	0.011
Aleutian Islands	199.74	0.6617	0.033
Arabian Sea	366.14	1.2673	0.035
Baltic Sea	678.33	3.0487	0.045
Barents Sea	160.40	0.7168	0.045
Bay of bengal	249.28	1.4473	0.058
Beaufort Sea	113.98	0.3804	0.003
Benguela current	492.43	0.9196	0.019
Black Sea	356.25	1.8487	0.052
California current	212.37	0.2834	0.013
Canadian Eastern Arctic -West Greenland	131.89	0.5021	0.038
Canary current	437.03	3.4284	0.078
Caribbean Sea	168.56	0.1712	0.010
Celtic-biscay shelf	328.27	1.9695	0.060
East Bering Sea	242.18	0.8392	0.035
East brazil shelf	124.61	0.2545	0.020
East China Sea	345.13	5.7957	0.168
East Siberian Sea	53.23	0.3201	0.006
East central Austrilian shelf	156.93	0.0497	0.003
Faroe plateau	152.45	1.5181	0.100
Greenland Sea	192.68	0.1840	0.010
Guinea Current	335.31	1.4276	0.043
Gulf of Alaska	288.78	0.6319	0.022
Gulf of California	399.49	2.2112	0.055
Gulf of Mexico	197.75	0.8665	0.044
Gulf of Thailand	272.02	8.5862	0.316
Hudson Bay	155.34	0.6011	0.004
Humboldt Current	305.70	3.9643	0.130
Iberian Coastal	249.88	1.3549	0.054
Iceland Shelf	199.29	0.8532	0.043
Indonesian Sea	255.36	1.3377	0.052
Insular Pacific-Hawaiian	84.94	0.0211	0.002
Kara Sea	132.10	0.3645	0.073
Kuroshio Current	147.89	1.8970	0.128
Laptev Sea	134.75	0.7031	0.005
Mediterranean Sea	150.21	0.6056	0.040
New Zealand Shelf	204.40	0.3804	0.019
Newfoundland-Labrador Shelf	326.78	0.7171	0.022
North Australian Shelf	328.23	0.7968	0.002
North Brazil Shelf	415.45	0.4131	0.010
North Sea	386.85	2.7143	0.070
Northeast Australian Shelf	127.36	0.0229	0.002
Northeast U.S. Continental Shelf	524.00	3.2092	0.061
Northern Bering - Chukchi Seas	135.20	0.3861	0.029
Northwest Australian Shelf	184.33	0.0511	0.003
Norwegian Sea	180.65	0.7437	0.041
Oyashio Current	255.46	1.8278	0.072
Pacific central-American Coastal	228.94	0.5565	0.024
Patagonian Shelf	498.64	1.1860	0.024
Red Sea	303.09	0.3266	0.011
Scotian Shelf	435.39	0.4666	0.011
Sea of Japan	214.85	2.3284	0.108
Sea of Okhotsk	292.42	3.1101	0.106
Somali Coastal Current	243.98	0.2705	0.011
South Brazil Shelf	262.27	0.4843	0.018
South China Sea	206.78	3.0516	0.148
Southeast Australian Shelf	187.89	0.0269	0.001
Southeast U.S.Continental Shelf	273.66	0.9256	0.034
Southwest Australian Shelf	180.99	0.0306	0.002
Sulu-Celebes Sea	200.34	1.2072	0.060
west Bering Sea	244.55	0.2959	0.012
West central Australian Shelf	176.50	0.0378	0.002
Yellow Sea	597.15	5.4633	0.091
GLOBAL	138.14	0.2554	0.018