





















Ecosystem	Annual Net Primary Prod	ductivity of	Ecosystems
Net Primary	Ecosystem Type	Mean NPP g C / m² / yr	Range of NPP g C / m² / yr
Productivity	Terrestrial Uplands		
NPP =	Tropical rain forest	2,200	1,000 - 3,500
	Temperate evergreen forest	1,320	600 - 2,500
	Temperate deciduous forest	1,200	600 - 2,500
	Boreal forest	800	400 - 2,000
	Woodland & shrubland	700	250 - 1,200
	Temperate grassland	600	200 - 1,500
	Tundra and alpine	140	10 - 400
	Desert & semidesert scrub	90	10 - 250
	Freshwater Wetlands		
	Swamp & marsh	2,000	800 - 6,000
	Lake and stream	250	100 - 1,500
	Marine		
	Algal beds and reefs	2,500	500 - 4,000
	Estuaries	1,800	500 - 4,000
	Open Ocean	125	2 - 400

















































































































