Atmospheric Deposition Rates

Sum of Wet + Dry Deposition

Variable	Total Depos. g/m2-yr	Vol. Wtd. Conc ppm	Assumptions	
tp	0.0173	0.0160	Brezonik et al , 1981	
orthop	0.0108	0.0100	Brezonik et al , 1981	
dip	0.0163	0.0151	0.85	(dip -orthop) / (tp-orthop)
dop	0.0003	0.0003	0.05	dop / (tp-orthop)
pip	0.0003	0.0003	0.05	pip / (tp-orthop)
pop	0.0003	0.0003	0.05	pop / (tp-orthop)
tn	0.3229	0.2990	Brezonik et al , 1981	
nox	0.1393	0.1290	Brezonik et al , 1981	
nh4	0.0896	0.0830	Brezonik et al , 1981	
orgn	0.0940	0.0870	Brezonik et al , 1981	
don	0.0846	0.0783	0.9	don / orgn
pon	0.0094	0.0087	0.1	pon / orgn
dca	0.8662	0.8020	Brezonik et al , 1981	
pca	0.0000	0.0000	0	
poc	0.1000	0.0926	0.1	
doc	2.0000	1.8519	2	
psio2	0.0000	0.0000	0	
dsio2	0.2000	0.1852	0.2	
alk	1.0260	0.9500	Brezonik et al , 1981	
salin	17.3426	16.0580	Brezonik et al , 1981	
tss	0.1000	0.0926	0.1	
chla	0.0010	0.0009	0.001	

Brezonik et al. (1981) values for bulk precipitation at Bahia Honda
May 1978 - April 1979 Precip. = 108 cm