

Table 1. Sampling Station, NO₃⁻ Concentrations, and *Prochlorococcus* Cell Densities During Fall 2005 Sampling Efforts

Date	Site	Depth of DCM, ^a m	NO ₃ ⁻ , ^b nmol L ⁻¹	Cell Density, ^b 10 ³ cells mL ⁻¹
8/31/2005	Hydrostation S	95	91.9 ± 20.7	5.6 ± 0.2
9/11/2005	Hydrostation S	85	210.0 ± 20.8	29.0 ± 2.4
9/19/2005	Hydrostation S	104	203.4 ± 29.8	21.3 ± 1.5
9/20/2005	Hydrostation S	95	162.1 ± 13.0	21.3 ± 1.5
9/21/2005	Hydrostation S	85	32.1 ± 21.2	21.3 ± 1.5
10/13/2005	Hydrostation S	105	98.1 ± 11.4	36.9 ± 2.5
11/24/2005	Hydrostation S	95'	32.1 ± 2.9	47.6 ± 2.4
11/23/2005	BATS Spatial Station 1	98,102 ^c	33.3 ± 3.6	44.9 ± 3.0
11/25/2005	BATS Spatial Station 13	104	32.2 ± 12.7	44.9 ± 3.0

^aDCM, deep chlorophyll maximum.

^bNO₃⁻ concentrations and cell densities are mean values of triplicate determinations ± s.d.

^cGoFlo bottles were fired 4 m apart for DCM cast at BATS Spatial Station 1.