

			Cold core	Warm boundary 1	Warm boundary 2
	Number of samplings		76	78	23
	SST (°C)		16.3 ± 0.3	17.9 ± 0.5	18.8 ± 0.1
	SSS		38.19 ± 0.02	38.26 ± 0.02	38.22 ± 0.01
	Density		1028.1 ± 0.1	1027.8 ± 0.1	1027.6 ± 0.0
	Chl <i>a</i> (µg dm ⁻³)		0.17 ± 0.04	0.11 ± 0.03	0.12 ± 0.01
	NO ₃ ⁻ (µmol kg ⁻¹)		< 0.05	< 0.05	< 0.05
	NO ₂ ⁻ (µmol kg ⁻¹)		< 0.05	< 0.05	< 0.05
	PO ₄ ³⁻ (µmol kg ⁻¹)		< 0.05	< 0.05	< 0.05
	Si(OH) ₄ (µmol kg ⁻¹)		1.31 ± 0.05	1.20 ± 0.05	1.13 ± 0.04
<i>Prochlorococcus</i>	Abundance (N cm ⁻³)	× 10 ⁴	3.5 ± 0.8	2.0 ± 0.6	2.4 ± 0.2
	Mean red fluorescence (a.u. cell ⁻¹)	× 10 ¹	4.3 ± 0.8	3.7 ± 0.6	4.8 ± 0.5
<i>Synechococcus</i>	Abundance (N cm ⁻³)	× 10 ⁴	1.8 ± 0.3	2.5 ± 0.3	3.1 ± 0.2
	Mean red fluorescence (a.u. cell ⁻¹)	× 10 ²	5.0 ± 0.4	4.2 ± 0.6	5.9 ± 1.0
PicoEukaryotes	Abundance (N cm ⁻³)	× 10 ³	1.5 ± 0.2	1.1 ± 0.1	1.2 ± 0.1
	Mean red fluorescence (a.u. cell ⁻¹)	× 10 ³	3.5 ± 0.3	3.3 ± 0.5	4.5 ± 0.6
NanoEukaryotes	Abundance (N cm ⁻³)	× 10 ²	8.9 ± 0.8	7.8 ± 1.3	8.1 ± 0.6
	Mean red fluorescence (a.u. cell ⁻¹)	× 10 ⁴	2.0 ± 0.2	1.8 ± 0.2	2.0 ± 0.2
MicroEukaryotes	Abundance (N cm ⁻³)	× 10 ¹	2.8 ± 0.4	2.7 ± 0.3	2.5 ± 0.3