

Regions	Solubility pump ($\text{g C m}^{-2} \text{yr}^{-1}$)			
	constZc		Zc	
	JJAS mean	Annual mean	JJAS mean	Annual mean
WAS	17.29 ± 3.5	9.63 ± 2.1	27.72 ± 4.8	12.92 ± 2.7
SLD	-0.09 ± 2.4	-0.32 ± 2.3	2.9 ± 3.5	1.31 ± 3.5
SC	7.22 ± 6.9	2.56 ± 3.8	18.17 ± 12.1	6.43 ± 6.0
SCTR	-3.95 ± 3.7	-0.35 ± 2.3	-0.61 ± 5.3	-0.86 ± 2.8