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Abbreviations

τ	Wind stress	R/V	Research vessel
ρ	Mean density	RCM	Mechanical recording current meter
θ	Potential temperature	S	Salinity
Θ	Heat	SADCP	Shipboard Acoustic Doppler Current Profiler
σ_θ	Sigma-theta	SAMW	Subantarctic Mode Water
AAIW	Antarctic Intermediate Water	SHF	Surface heat flux
ACM2	Acoustic current meter	SICW	South Indian Central Water
ADCP	Acoustic Doppler current profiler	SLA	Sea level anomaly
CARS	CSIRO Atlas of Regional Seas	SOI	Southern Oscillation Index
CSIRO	Commonwealth Scientific Research Organisation	SSH	Sea surface height
CTD	Conductivity-Temperature-Depth	SSH²	Sea surface height variance
Cp	Heat capacity	SST	Sea surface temperature
cpd	Cycles per day	std	Standard deviation
ECMWF	European Centre for Medium-range Weather Forecasts	STW	Subtropical Water
ENSO	El Niño - Southern Oscillation	Sv	Sverdrup ($\equiv 10^{-6} \text{ m}^3 \text{ s}^{-1}$)
ERS	European Remote-Sensing Satellite	T	temperature
FR	Franklin	T/P	TOPEX/Poseidon
ICM6	Indian Current Meter 6	TW	Tropical Water or Tera watts (10^{12} W)
IDW	Indian Deep Water	TW θ	Transport-weighted temperature
IIW	Indonesian Intermediate Water	TW σ_θ	Transport-weighted density
ISW	Indonesian Surface Water	TW S	Transport-weighted salinity
JADE	Java-Australia Dynamic Experiment	u	Zonal velocity (+East)
KN	Knorr	U	Cross-section velocity
LUCIE	Leeuwin Current Interdisciplinary Experiment	UNESCO	United Nations Educational Scientific and Cultural Organization
MIW	Mixed Intermediate Water	UTC	Universal time conversion
NIIW	North Indian Intermediate Water	v	Meridional velocity (+North)
POP	Parallel Ocean Program	V	Absolute velocity
psu	Practical salinity units	w	Vertical velocity (+Up)
PVD	Progressive vector diagram	WOCE	World Ocean Circulation Experiment
r.m.s	Root mean square	XBT	Expendable Bathythermograph