

List of abbreviations

Abs	Absorbance
APDC	Ammonium pyrrolidine-dithiocarbamate
Am	A four year old coral (<i>P. compressa</i>) from the Amini lagoon, Lakshadweep Is.
ASCER	air-sea CO ₂ exchange rate
COADS	Comprehensive Ocean Atmospheric Data Set
cpm	counts per minute
DIC	dissolve inorganic carbon
FS	Foram standard carbon dioxide
GBR	Great Barrier Reef, Australia
GC	A giant clam (<i>Tridacna maximus</i>) from the Amini lagoon, Lakshadweep Is.
GK	A 41 old coral (<i>F. speciosa</i>) from the Gulf of Kutch, northern Arabian Sea
GKh	Gulf of Kutch
HD	high density band
KV-1	A 5 year old coral (<i>P. compressa</i>) from the Kavaratti lagoon, Lakshadweep Is.
KV-2	A 25 year old coral (<i>P. compressa</i>) from the Kavaratti lagoon, Lakshadweep Is.
LD	low density band
LDP	Lakshadweep archipelago
LLCM	Low level count mode
MMB	Makrana marble
PDB	Belemnite PeeDee formation
POPOP	2, 2'-p-phenylene-bis-5 phenyl oxazole
PPO	diphenyloxazole
rpm	revolution per minute

SR	An 18 year old coral (<i>P. lutea</i>) from the Stanley Reef, Australia
SST	Sea surface temperature
SWM	South west monsoon
ThTR	A 20 year old teak tree (<i>Tectona grandis</i>) from Thane
ZC	Z-Carrara