

Dataset: NBST flux measurements

Title: Carbon, biogenic Silica, and mass fluxes from Neutrally Buoyant Sediment Trap (NBST) deployments in the North Pacific on R/V Falkor FK170124 in Jan-Feb 2017

Project:

[Collaborative Research: EAGER: Particle-specific DNA sequencing to directly observe ecological mechanisms of the biological pump](#) (EAGER DNA BioPump)

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Table 1

Analysis	Method	Mean	SD	Replicates	Units
TC	UC Davis Stable Isotope Facility IR-MS	351.23	75.74	3	µg C
TC	URI IR-MS on polycarbonate membranes	24.49	16.56	4	µg C
PIC	Calcium by flame AA spectroscopy	1.48	0.48	2	µg CaCO ₃
bSi	Alkaline extraction and colorimetric detection	0.46	0.05	2	µmol Si
mass	Gravimetry	0.10	0.03	4	mg

Table 1. Mean blank values per sediment trap tube.