These data sets describe Palmyra Atoll coral reef Environmental and ecological controls of coral community metabolism. Data was collected between August—October 2012. Data in this package was published under: Koweek, D., R. Dunbar, J. Rogers, G. Williams, N. Price, D. Mucciarone, and L. Teneva, Environmental and ecological controls of coral community metabolism on Palmyra Atoll Coral Reefs.

There are six data files associated with Koweek et al.

1. Physical oceanographic data from Eulerian measurements at the SIB site (data in Fig. 3 of the paper)
2. SIB site coordinates for Eulerian measurements.
3. Biogeochemical data from Eulerian measurements at the SIB site (data in Fig. 4 of the paper)
4. Metabolic rate data (NCC, NCP) from Lagrangian and Eulerian methods along with associated environmental and ecological conditions (data in Figs. 2, 5, and 6 of the paper).
5. Southern offshore CTD cast GPS coordinates (cast locations shown in Fig. 1 of the paper)
6. GPS coordinates for all points along all Lagrangian Drift tracks (drift tracks shown in Fig. 1 of the paper)

This data was originally published at NOAA’s National Center for Environmental Information. See Data Provenance section for more details.