Fairall COD report

FY19 Publications

***\*Published***

Thompson, Elizabeth J., James Moum, C.W. Fairall, and Steven A. Rutledge, 2019: Wind limits on stable rain layers and diurnal warm layers observed throughout the MJO. *J. Geophys. Res*., **124***,* https://doi.org/10.1029/2018JC014130.

Shinoda, T., Luis Zamudio, Yanjuan Guo, E. Joseph Metzger, C.W. Fairall, 2019: Ocean variability and air-sea fluxes produced by Atmospheric Rivers.  *Scientific Reports*, **9,** article 2152, <https://doi.org/10.1038/s41598-019-38562-2> .

Bariteau, Ludovic; C.W. Fairall, B. Blomquist, nd Sergio Pezoa, 2019: Surface meteorological data and turbulent fluxes collected by the NOAA as part of the Woods Hole Oceanographic Institute (WHOI) Hawaii Ocean Time-series Station (WHOTS) project in the North and Southeast Pacific Ocean from 2001-10-10 to 2018-04-12 (NCEI Accession 0186688). NOAA National Centers for Environmental Information. Dataset, doi [10.25921/2dck-3068](https://doi.org/10.25921/2dck-3068). <https://accession.nodc.noaa.gov/0186688> .

Bharti,Vidhi, Eric Schulz, Byron W. Blomquist, C.W. Fairall, Yi Huang, Alain Protat, Steven T. Siems, and Michael J. Manton, 2018: Assessing surface heat flux products with *in situ* observations over the Australian sector of the Southern Ocean**.**  *J. Atmos. Oceanic Tech.*., **36**, 1849-1861, DOI: 10.1175/JTECH-D-19-0009.1.

Shutler, J. D., R. Wanninkhov, P.D. Nightingale, D.K. Woolf, D.C. E. Bakker, A. Watson, I. Ashton, T. Holding, B. Chapron, Y. Quilfen, C.W. Fairall, N. Masakatsu, and C.J. Donlon, 2018: Satellite Earth observation will address critical science priorities for quantifying global ocean carbon.  *Frontiers in Ecology and the Environment*, 1-9, doi: 10.3389/fmars.2019.00430.

Bharti, Vidhi, Byron W. Blomquist, C.W. Fairall, Yi Huang, Alain Protat , Peter P. Sullivan, Steven T. Siems, and Michael J. Manton, 2019: Air-sea heat and momentum fluxes in the Southern Ocean.  *J. Geophys. Res*., **124**, 1-18, <https://doi.org/10.1029/2018JD029761>.

Cronin, M.F. and 26 coauthors, 2019: Air-sea fluxes with a focus on heat and momentum. *Frontiers Marinc Sci*., **6**, 1-30, [http://dx.doi.org/10.3389/fmars.2019.00430.s001](javascript:;).

***\*In Press***

Bariteau, Ludovic; C.W. Fairall, B. Blomquist, and Sergio Pezoa, 2020: Summary of ship-based air-sea flux observations from 30 PSD field campaigns 1992-2018. NCEI Accession 0170257. Version 1.1. NOAA National Centers for Environmental Information. Dataset. Submitted.

***\*Data Reports***