

CORRIGENDUM

In the article "Meridional Heat Transport in the Pacific Ocean" by L. D. Talley (*Journal of Physical Oceanography*, 14, 231–241), Fig. 3 and Table 2 show the wrong heat transports from Oort and Vander Haar (1976)¹. Depicted instead are heat transports from Budyko. The correct values are listed in Oort and Vander Haar's Table 10. The revised Fig. 3 shows the correct transports. Maximum northward heat transport occurs at 20°N for both the estimate constructed from total radiation and atmospheric transport (OVT) and that constructed from the surface heat budget. However, the maximum heat transport calculated from the surface heat budget is smaller by 1.8×10^{15} W. Oort and Vander Haar estimate an error of about 20 W m^{-2} and hence an error of $1.4 \times 10^5 \text{ W}$ in their estimate of ocean heat transport. An error of 10 W m^{-2} in the surface heat flux using Bunker's method yields an error of $0.7 \times 10^{15} \text{ W}$ in ocean heat transport. Hence the estimates of heat transport at 20°N are within the range of error of the two calculations, but only if the transport derived from radiation and atmospheric transport is systematically overestimated and the transport from surface heat flux is systematically underestimated.

¹ Oort, A. H., and Vonder Haar, 1976: On the observed annual cycle in the ocean-atmosphere heat balance over the Northern Hemisphere. *J. Phys. Oceanogr.*, 6, 781–800.

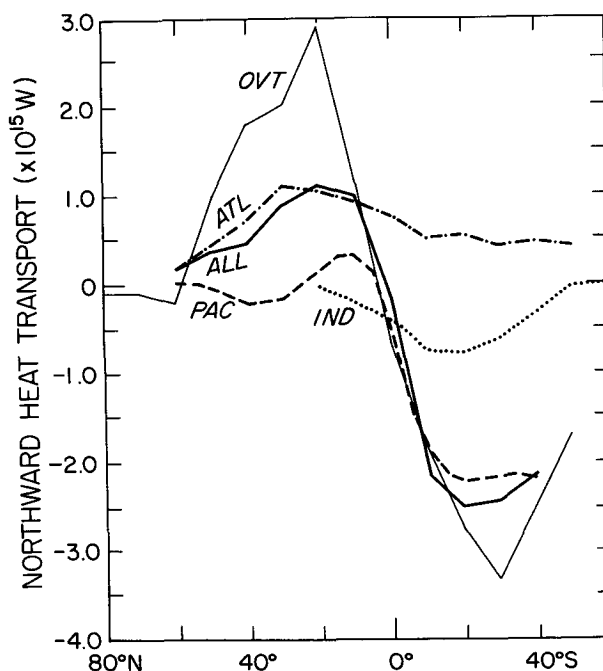


FIG. 3. Annual mean meridional heat transported by all oceans, all based on surface heat fluxes calculated using Bunker's method. The Atlantic Ocean heat fluxes were calculated by Hall and Bryden (1982). Oort and Vonder Haar's (1976) and Trenberth's (1979) ocean heat transports for the Northern and Southern Hemisphere, respectively, are shown for comparison (OVT).