

Interactive comment on “Forecasting the mixed layer depth in the north east Atlantic: an ensemble approach, with uncertainties based on data from operational oceanic systems” by Y. Drillet et al.

Anonymous Referee #1

Received and published: 24 June 2014

The corrupted statements on page C528 & C529 should read:

P1443 l24: 'associated with a large (less than -80 W m^{-2}) heat loss' is a bit misleading/confusing because the number in brackets is negative and you use the word 'loss'. Is this a -80 heat loss (i.e. a heat gain of 80)? Either way this should be re-worded to be less ambiguous which could be done by changing '(less than -80 W m^{-2})' to something along the lines of like '(an upward heat flux of less than....)'

P1443 l26/7: I am a little confused about the wording of this sentence 'ocean absorbs heat with total fluxes greater than 100 W m^{-2} ' because your flux is upward meaning that a positive flux implies ocean cooling? As with the comment above this could be

C527

tidied up by specifying the direction of your flux (i.e. 'total downward heat flux greater than...').

Interactive comment on Ocean Sci. Discuss., 11, 1435, 2014.

C528