

Interactive comment on “Possible signals of poleward surface ocean heat transport, of Arctic basal ice melt, and of the twentieth century solar maximum in the 1904–2012 Isle of Man daily timeseries” by J. B. Matthews and J. B. R. Matthews

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Please also note the supplement to this comment:

<http://www.ocean-sci-discuss.net/11/C54/2014/osd-11-C54-2014-supplement.pdf>

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Interactive comment on Ocean Sci. Discuss., 11, 47, 2014.

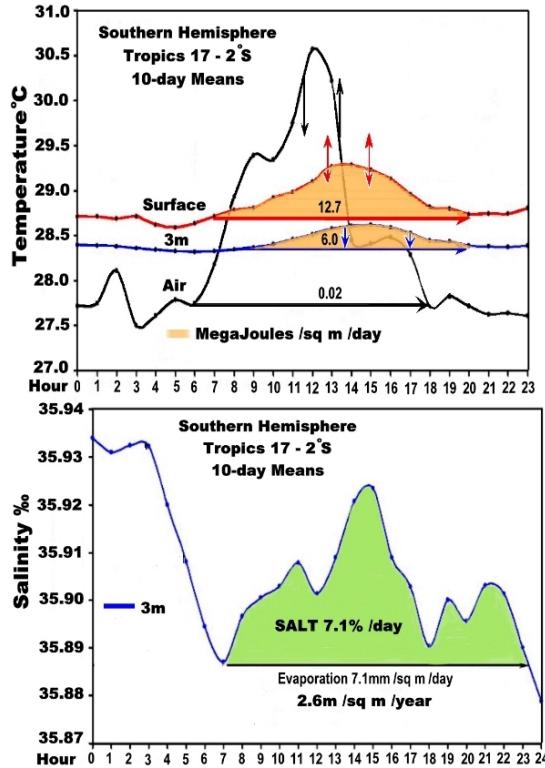


Fig. 1. Fig 1. Southern Hemisphere mean equatorial evaporation and heat sequestration from Nino 3.4 area $\sim 140^{\circ}\text{W}$ from hourly ground truth data. Salinity decreases from south to the north outside the diurnal ev

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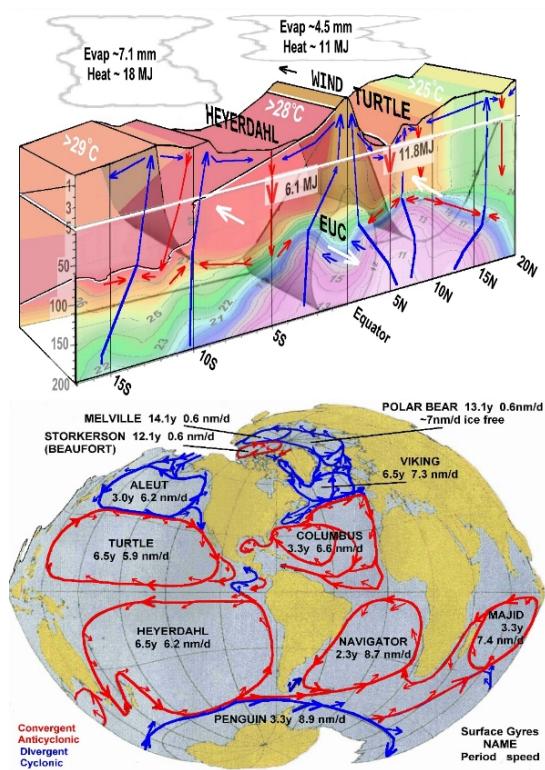


Fig. 2. Figure 2 a) Schematic of meridional vertical tropical cells, evaporation and heat sequestration in mid-Pacific at $\sim 140^{\circ}\text{W}$. Arrows show upwelling (blue) and downwelling (red) cells, eastbound Equatorial

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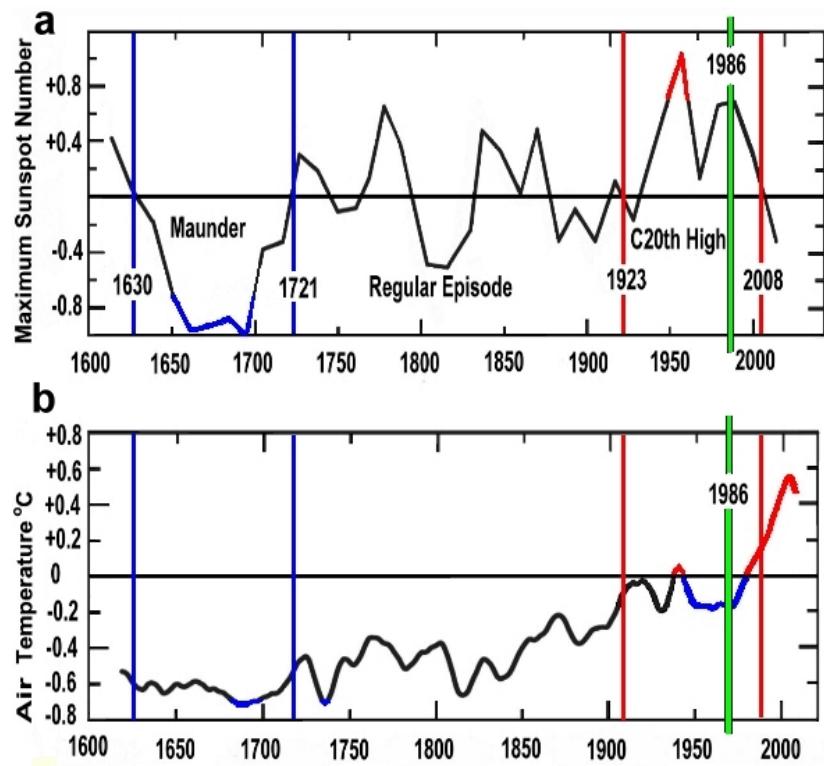


Fig. 3. Figure 3. From 1600-2008 a) Maximum sunspot from Maunder Minimum 1630-1721 to modern 20th century high 1923-2008 (red boundaries), b) Land air temperature. 1986 (green) marks transition to rapid solar