

I. Background Information

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This comment focuses on the statements on page 16.

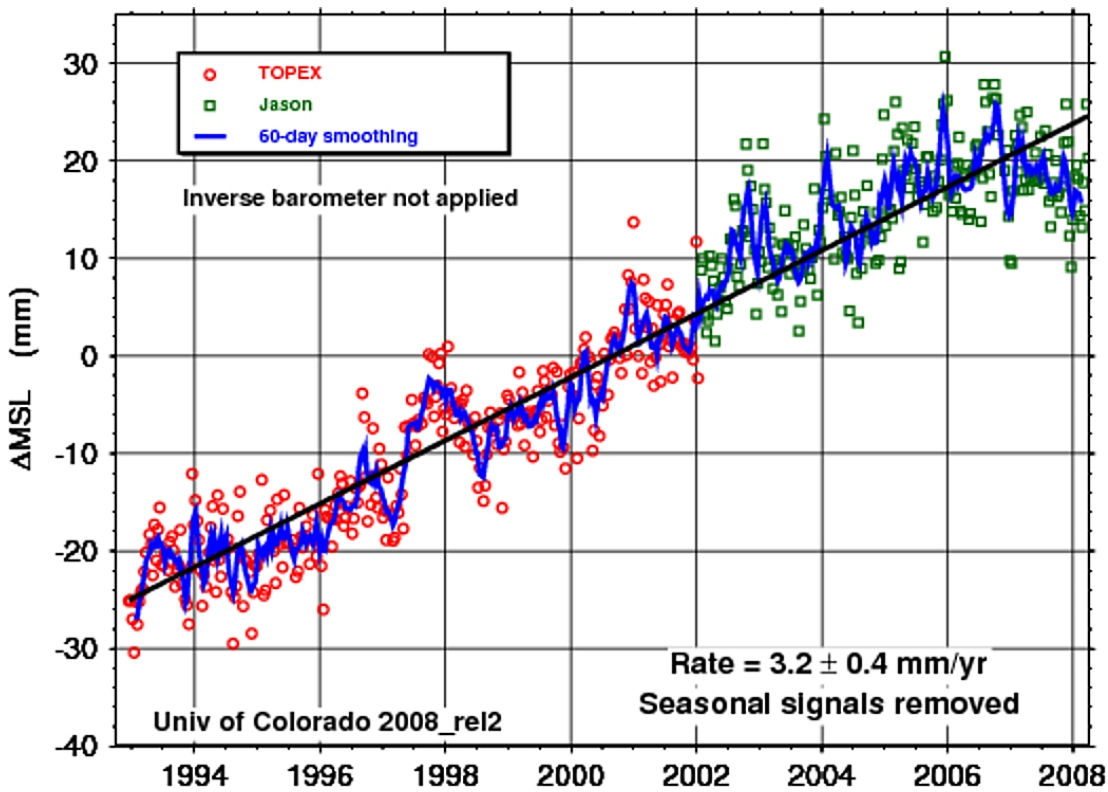
Warming is causing sea-level to rise as land-based ice melts and the warmer oceans expand.

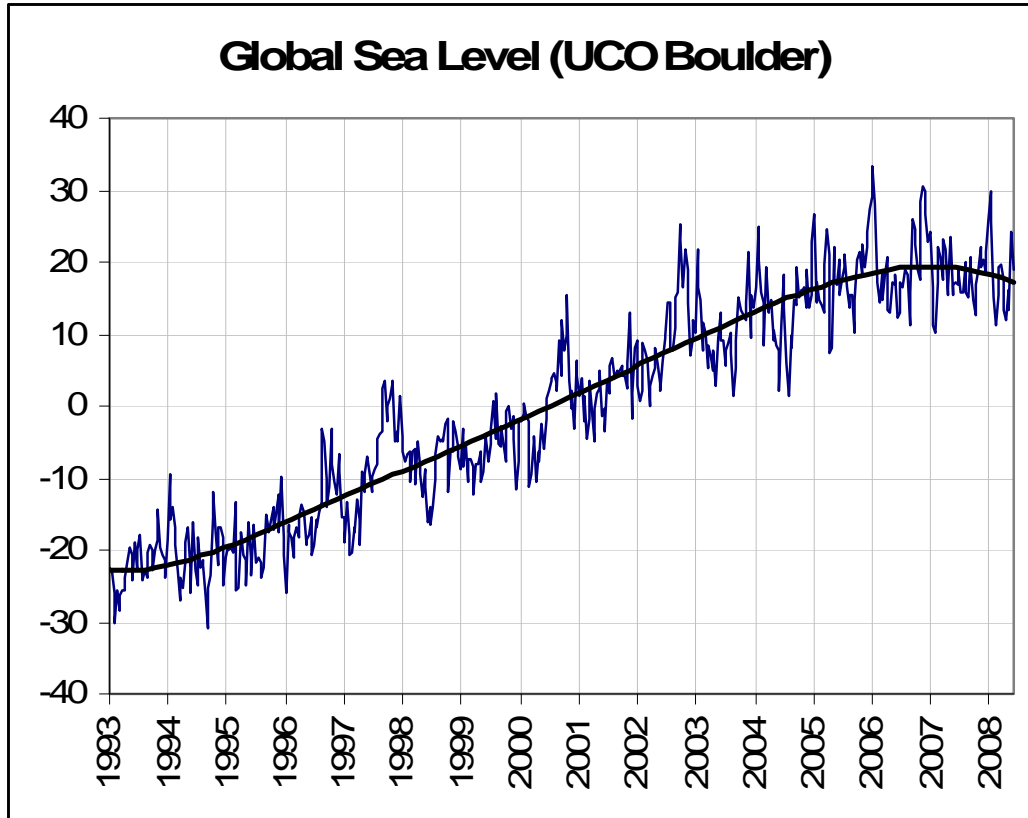
Many of these observed changes are occurring more rapidly than projected even a few years ago.

The specific patterns of recent climatic change show that it is primarily human-induced

CORRECTIONS REQUIRED

Sea level rise has actually stopped or reversed as the oceans cooled and contracted. The report thus is in error and does not reflect actual conditions as mandated by the IQA.

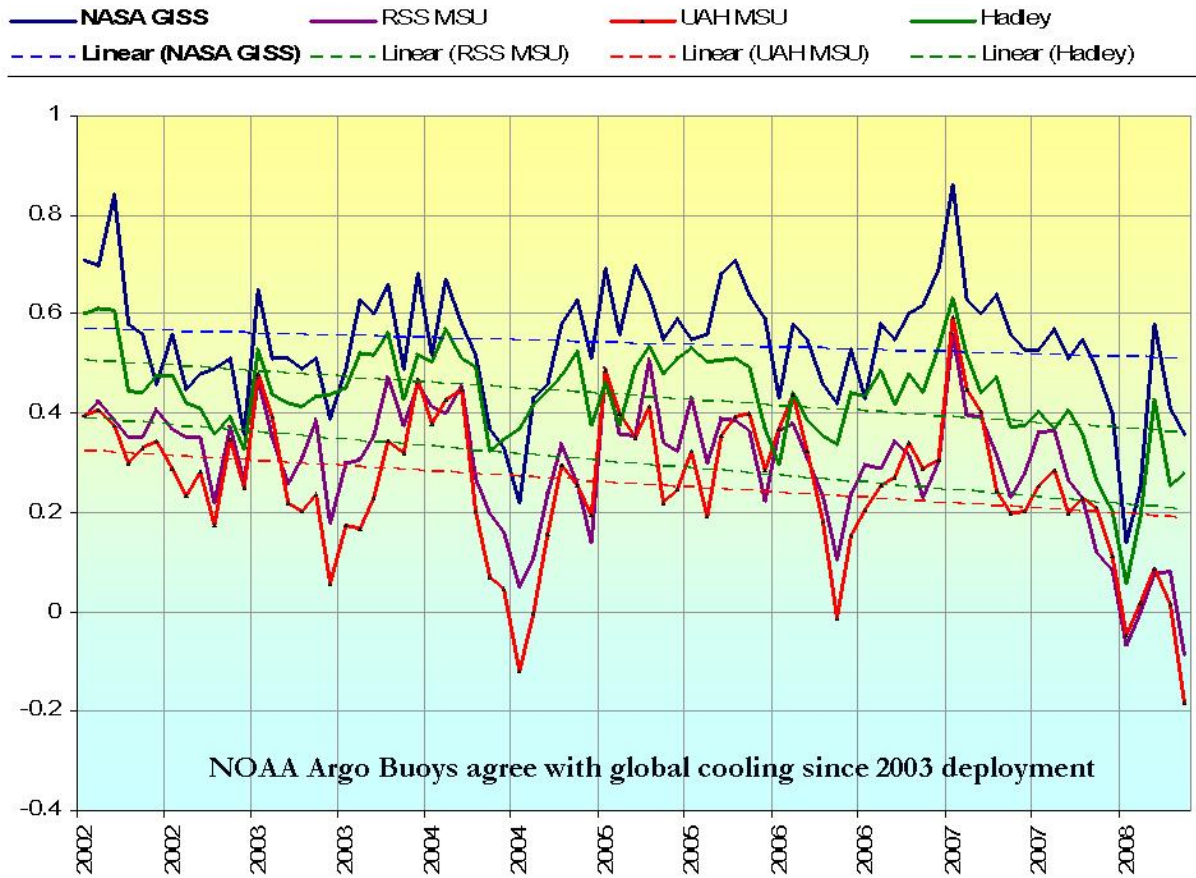




From [University of Colorado](#) using global sea level data adjusted for seasonal changes. The first graph applies a linear trend. The second a polynomial fit which shows turn down in the last 2 years.

This fits the cooling pattern of the oceans related to changes in the PDO and La Nina, totally natural factors. They show how natural factors can interrupt the long term gradual rise in sea level that has been observed since the last ice age.

This ocean cooling and ocean contraction agrees with cooling as shown by ARGO buoys and by all the global temperature measures for surface or lower troposphere.



CORRECTION REQUIRED

In keeping with the IQA, these statements are patently incorrect and must be removed and corrected as follows.

Sea levels have been slowly rising on the long term since the ice age. Sea levels since 2006 have stopped rising and fallen slightly due to ocean cooling and contraction. The changes are not at all what was expected (is much less) a few years ago including the recent 2007 IPCC AR4. These changes are due to natural factors.