

2009 Sea Ice Outlook Retrospective

Lars Kaleschke, Gregor Halfmann
KlimaCampus Hamburg
University of Hamburg

Contact: lars.kaleschke@zmaw.de, Tel. ++49 40 42838 6518

October 15, 2009

Our first guess was 4.92 ± 0.43 Mio. km² and was not updated through the season. The actual September extent lies just at the upper range of the uncertainty. It should be mentioned that 2009 lies below the linear extrapolation of the decreasing long term trend. It is difficult to judge if a linear or a quadratic model better fits the observed trend (Fig. 1).

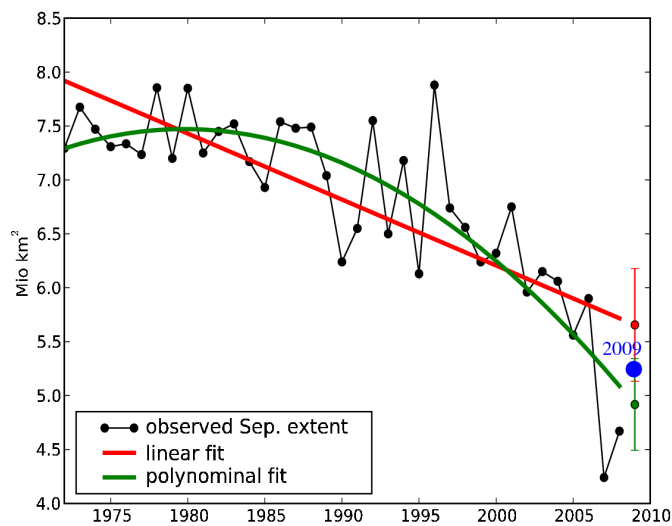


Figure 1: Outlook based on a quadratic and linear extrapolation of the measured September sea ice extent timeseries.