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The Evolution of the 2007 Antarctic Ozone Hole

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The Antarctic ozone hole of 2007 was relatively small. Only the ozone holes of 2002 and 2004 have been smaller when comparing to past ozone holes since 1998. Several parameters used to measure the extent of ozone destruction and ozone hole severity have been used to assess the development of the 2007 ozone hole. Several ground-based stations measured record low total ozone column amounts. The dynamics of the 2007 ozone hole will be described together with satellite-based measurements and calculations of ozone hole area and mass deficit. These findings will be supplemented with several examples of data from various stations in Antarctica.