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March 5, 2013

Two to Tango: Water Molecule Pairs Found

Tim Wogan, Physics World

AP Photo

Physicists in Russia are the first to detect water dimers – bonded pairs of gaseous water molecules – in conditions similar to Earth's atmosphere. Such dimers have been predicted to have important effects on the Earth's radiation balance and atmospheric chemistry, so this latest

breakthrough could help scientists gain a better understanding of how their presence affects climate.

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