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COVER

Ice crystals formed on submicroscopic particles of lead, from automobile exhaust, on exposure of the particles to a trace of iodine vapor while in a supercooled cloud at −15°C. There are more than 1 million such nuclei per liter. The largest crystal is 170 microns in diameter. See page 1555. [Vincent J. Schaefer, Atmospheric Sciences Research Center, State University of New York]