particle size distribution

*in atmospheric chemistry*

The size of the liquid or solid particles in the atmosphere usually extends from $> 0.01$ to $< 100 \mu m$ in diameter. In the earth's atmosphere the distribution function which describes the number of particles as a function of diameter, mass or surface area of the aerosol can be determined reasonably well with modern instrumentation.

*Source:*
PAC, 1990, 62, 2167 (*Glossary of atmospheric chemistry terms (Recommendations 1990)*) on page 2205