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deposition velocity

in atmospheric chemistry

The ratio of flux density (often given in units of $g\,cm^{-2}\,s^{-1}$) of a substance at a sink surface to its concentration in the atmosphere (corresponding units of $g\,cm^{-3}$). While the units of this ratio are clearly those of velocity (in this case $cm\,s^{-1}$), the ratio is not a flow velocity in the normal sense of the word.

Source:
PAC, 1990, *62*, 2167 *(Glossary of atmospheric chemistry terms (Recommendations 1990))* on page 2184

