Table 3. Deposition Velocities for 0.1-1.0 Micron Particles

Reference	v cm s^{-1}	Comments
Cawse (1976)	0.2 to <0.7	Vanadium on filter paper at 1.5 m.
	<0.1 to <0.6	Arsenic on filter paper.
Dovland and Eliasen (1976)	0.16	Lead on snow, stable atmosphere.
Garland (1978)	<0.1	Atmospheric sulfate over grass.
Droppo (1979)	0.1, 0.27 Negative (surface source)	Sulfates over arid vegetation. Sulfates, daytime, non-arid vegetation.
Sievering (1979)	<0.5	Estimated annual average over Lake Michigan, submicron atmospheric aerosols.
Sievering et al. (1979)	0.2 ± 0.16	Atmospheric sulfate over L. Michigan, stable atmosphere.
Wesely and Hicks (1979)	~1 Negative (surface source)	Submicron particles to grass Nighttime, pine plantation, senescent maize.
	Negative	Snow, and cold, wet, bare soil.
Everett et al. (1980)	1.4	Atmospheric particulate sulfur aerosol over slightly rolling grassland.
Ibrahim et al.	0.1 to 0.2	Bimodal ammonium sulfate aerosol over snow. (These results are complicated by the fact that, although over 90% of the total mass was in the 0.7 micron mode, most of the material actually deposited came from the 10 micron mode.)