

## COMPARISON OF STRENGTHS OF VARIOUS SOURCES OF CLOUD CONDENSATION NUCLEI (CCN)

<u>SOURCE</u>	<u>STRENGTH (CCN AT 1% SUPERSATURATION/SEC)</u>	<u>REFERENCE</u>
Mt. St. Helens	$5 \times 10^{15} - 2 \times 10^{17}$	Hobbs (1981)
Mt. St. Augustine	$10^{16} - 5 \times 10^{17}$	Stith et al. (1978)
Large Pulp Mill	$4 \times 10^{17}$	Eagan et al. (1974)
Large Coal-Fired Power Plant	$10^{16} - 10^{17}$	Stith et al. (1980)
Lumber Mill	$4 \times 10^{14} - 10^{16}$	Hobbs et al. (1970)
Aluminum Smelter	$10^{14} - 5 \times 10^{15}$	Hobbs et al. (1970)
Large City (St. Louis, Missouri)	$5 \times 10^{15} - 10^{17}$	Auer (1974)
Eastern Seaboard of United States	$6 \times 10^{19}$	Radke & Hobbs (1976)
Global anthropogenic	$6 \times 10^{21}$	Radke & Hobbs (1976)
Global natural	$1.4 \times 10^{21}$	Radke & Hobbs (1976)