

Table 7. Deposition and Chemical Transformation Rates for Nitrogen Compounds (cont.)

Compound	Parameter	Rate	Reference	Comments
HNO <sub>3</sub>	Conversion rate from NO <sub>x</sub>	3 to 10 times SO <sub>2</sub> conversion rate	Richards et al. (1980)	Daytime measurements, Navajo generating station, plume (Arizona); June-July and December
HNO <sub>3</sub> and particulates nitrates	Conversion from NO <sub>x</sub>	0.1 to 3% h <sup>-1</sup> (nighttime) 3 to 12% h <sup>-1</sup> (daytime)	Forrest et al. (1980)	Cumberland coal-fired generating station, August. NO <sub>x</sub> conversion rate was 2 to 4 times SO <sub>2</sub> rate.
NO <sub>x</sub>	Removal rate	14 to 24% h <sup>-1</sup>	Spicer (1979)	Boston urban plume, August.
NO <sub>x</sub>	Removal rate	4% h <sup>-1</sup>	Chang et al. (1979)	Annual average, Los Angeles.