

**Table 4-4
Modeled Deposition for Nitrogen and Sulfur**

Receptor Set	Pollutant	Maximum Deposition (kg/ha-yr)								Comparative Deposition Value (kg/ha-yr)
		All Sources	CBNG	Coal-related	Coal Mines	Montana Sources	Non-coal	Power Plants	Wyoming Sources	
CLASS I AREAS										
Badlands National Park	Nitrogen	0.32	0.04	0.25	0.02	0.07	0.08	0.18	0.26	3
	Sulfur	0.12	0.00	0.11	0.00	0.02	0.01	0.11	0.09	5
Bridger WA	Nitrogen	0.07	0.01	0.06	0.00	0.03	0.01	0.04	0.04	3
	Sulfur	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.01	5
Bob Marshall WA	Nitrogen	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.01	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Fitzpatrick WA	Nitrogen	0.05	0.01	0.04	0.00	0.02	0.01	0.03	0.03	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	5
Fort Peck Indian Reservation	Nitrogen	0.08	0.01	0.07	0.00	0.04	0.01	0.05	0.04	3
	Sulfur	0.03	0.00	0.03	0.00	0.01	0.00	0.02	0.01	5
Gates of the Mountain WA	Nitrogen	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.01	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Grand Teton National Park	Nitrogen	0.03	0.01	0.02	0.00	0.01	0.01	0.01	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	5
North Absaorka WA	Nitrogen	0.05	0.01	0.04	0.00	0.03	0.01	0.03	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	5
North Cheyenne Indian Reservation	Nitrogen	1.76	0.11	1.68	1.20	1.56	0.13	0.55	0.29	3
	Sulfur	0.32	0.01	0.31	0.01	0.27	0.01	0.30	0.05	5
Red Rock Lakes WA	Nitrogen	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.01	3
	Sulfur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5
Scapegoat WA	Nitrogen	0.02	0.00	0.02	0.00	0.01	0.00	0.01	0.01	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Teton WA	Nitrogen	0.04	0.01	0.03	0.00	0.02	0.01	0.02	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Theodore Roosevelt National Park	Nitrogen	0.20	0.03	0.17	0.01	0.09	0.04	0.12	0.11	3
	Sulfur	0.05	0.00	0.05	0.00	0.03	0.00	0.05	0.03	5

Table 4-4 (Continued)

Receptor Set	Pollutant	Maximum Deposition (kg/ha-yr)								Comparative Deposition Value (kg/ha-yr)
		All Sources	CBNG	Coal-related	Coal Mines	Montana Sources	Non-coal	Power Plants	Wyoming Sources	
UL Bend WA	Nitrogen	0.09	0.01	0.08	0.00	0.06	0.01	0.07	0.04	3
	Sulfur	0.03	0.00	0.03	0.00	0.02	0.00	0.03	0.01	5
Washakie WA	Nitrogen	0.06	0.01	0.05	0.00	0.03	0.01	0.04	0.03	3
	Sulfur	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.01	5
Wind Cave National Park	Nitrogen	0.53	0.07	0.36	0.05	0.09	0.18	0.22	0.45	3
	Sulfur	0.18	0.01	0.17	0.00	0.04	0.01	0.16	0.14	5
Yellowstone National Park	Nitrogen	0.04	0.01	0.04	0.00	0.02	0.01	0.03	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	5
CLASS I / CLASS II SENSITIVE LAKES										
Black Joe Lake, Bridger WA	Nitrogen	0.07	0.01	0.05	0.00	0.03	0.01	0.04	0.04	3
	Sulfur	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	5
Deep Lake, Bridger WA	Nitrogen	0.07	0.01	0.05	0.00	0.03	0.01	0.04	0.04	3
	Sulfur	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	5
Emerald Lake, Cloud Peak WA	Nitrogen	0.20	0.04	0.16	0.01	0.07	0.04	0.11	0.13	3
	Sulfur	0.07	0.00	0.07	0.00	0.03	0.00	0.06	0.04	5
Florence Lake Cloud Peak WA	Nitrogen	0.21	0.04	0.16	0.01	0.07	0.04	0.10	0.14	3
	Sulfur	0.06	0.00	0.06	0.00	0.02	0.00	0.06	0.04	5
Hobbs Lake, Bridger WA	Nitrogen	0.04	0.01	0.03	0.00	0.01	0.01	0.02	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Lower Saddlebag Lake, Popo Agie WA	Nitrogen	0.08	0.01	0.06	0.00	0.03	0.01	0.04	0.05	3
	Sulfur	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.01	5
Ross Lake, Cloud Peak WA	Nitrogen	0.04	0.01	0.03	0.00	0.01	0.01	0.02	0.02	3
	Sulfur	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	5
Upper Frozen Lake, Bridger WA	Nitrogen	0.07	0.01	0.05	0.00	0.03	0.01	0.04	0.04	3
	Sulfur	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	5