

TABLE D.2.5 SUMMARY OF NATURAL EMISSIONS OF SULPHUR INTO THE ATMOSPHERE IN CANADA (tonnes of S per year) ⁽¹⁾

Province/Territory	Biogenic Emissions				Other Natural Sources*		
	Soils	Marine	Lakes	Vegetation	Sea Salt SO ₄	Soil Dust	Forest Fires
Newfoundland	2 187		203	138			81
Prince Edward Island	72		-	200			
Nova Scotia	609		102	226			3
New Brunswick	761		100	278			5
Quebec	23 888	36 692**	1 471	1 772	101 200**		60
Ontario	65 672	4 381	3 543	2 698			55
Manitoba	47 860		2 650	552			203
Saskatchewan	17 217		2 434	1 245			164
Alberta	31 062		654	1 016			64
British Columbia	29 515	10 465	810	782	27 300	500****	171
Yukon	4 950						
Northwest Territories	22 770	92***			60 400***		194
Canada	246 563	51 631	11 967	8 907	188 900	500	1 000

Canadian total - 509 406 tonnes

- * Does not include 7 tonnes from lake sulphate.
- ** Includes Atlantic Provinces and Quebec.
- *** Includes Yukon and Northwest Territories.
- **** Includes Saskatchewan, Alberta and British Columbia.

(1) All above figures expressed as tonnes of S per year. To get the equivalent SO₂ emissions, above figures must be multiplied by 2 (for example, total Canadian natural sulphur emissions expressed as SO₂ are 509 406 x 2 = 1 018 812 tonnes).