

	1741–1850	1901–1950	1951–1993				
	PI	COAL	PETROLEUM	COAL/PI	PETROLEUM/PI	Main sources	Main emitters
BC	1.9	7.2	6.6	3.7	3.4	cb, ind, t, bb, ff	Natural + anthropogenic
$\text{NH}_4^+$	34	66	131	2.0	3.9	a, bb, ff, b	Natural + anthropogenic
$\text{SO}_4^{2-}$	80	284	679	3.6	8.5	ind, t, cb, d, vol	Natural + anthropogenic
Pb	0.11	0.55	1.32	5.1	12.3	t, ind, cb	Anthropogenic
Bi	1.2	4.4	3.6	3.7	3.0	cb, ind, t	Anthropogenic
$\text{NO}_3^-$	80	100	251	1.3	3.1	ind, t	Natural + anthropogenic
$\text{Na}^+$	17.1	17.3	18.9	1.0	1.1	ss, d	Natural
$\text{Ca}^{2+}$	68	102	118	1.5	1.7	d	Natural