

Study	CO ₂	CO	CH ₄
Tropical-forest-like			
Rondônia: tropical forest¹	1447 ± 148	237 ± 24	5.17 ± 0.53
Brazil: residual smouldering combustion of logs ²	1346 ± 123	229 ± 64.6	17.1 ± 10.0
Brazil: deforestation ³	1652 ± 30	91 ± 24	5.41 ± 1.75
Brazil: deforestation ⁴	1614	110	6.6
Brazil: deforestation ⁵	1664	89	5.0
Yucatán: deforestation and crop residue ⁶	1641 ± 40	80.18 ± 19.4	5.059 ± 2.369
Global: tropical forest ⁷	1643 ± 58	93 ± 27	5.07 ± 1.98
Global: tropical forest ⁸	1580 ± 90	104 ± 20	6.8 ± 2.0
Laboratory study: smouldering cotton wood and Zambian logs ⁹	1461.5	156.5	19.7
Central Kalimantan, Indonesia: tropical peat fires ¹⁰	1564 ± 77	291 ± 49	9.51 ± 4.74
GFEDv3/GFASv1.0: deforestation ¹¹	1626	101	6.6
GFEDv4: deforestation ¹¹	1643	93	5.07
Cerrado-like			
Tocantins: Cerrado¹	1711 ± 175	74 ± 8	2.23 ± 0.23
Brazil: Cerrado ³	1737 ± 10	43.9 ± 1.2	1.19 ± 0.2
Brazil: Cerrado ⁴	1722	58	1.3
Brazil: Cerrado ⁵	1783	24	0.6
Global: savannah ⁷	1686 ± 38	63 ± 17	1.94 ± 0.85
Global: savannah and grassland ⁸	1613 ± 95	65 ± 20	2.3 ± 0.9
Africa: savannah ¹²	1700 ± 60	68 ± 30	1.7 ± 0.98
Africa: savannah ¹³	1703 ± 39	71.5 ± 21.7	2.19 ± 1.0
African: savannah ¹⁴	1665 ± 54	101 ± 30	2.5 ± 0.9
Australia: savannah ¹⁵	1536 ± 154	110 ± 13	5.65 ± 0.7
GFEDv3/GFASv1.0: savannah ¹¹	1646	61	2.2
GFEDv4: savannah ¹¹	1686	63	1.94
Mixed			
	1034 ± 175	43.0 ± 1.4	0.2
Laboratory study: range of fuel types ¹⁶	to	to	to
	1868 ± 5	129.5 ± 4.9	5.9 ± 1.2