

Phase	Duration (days)	Total SO ₂ Emitted (kt)	Mean Daily SO ₂ Flux (kt day ⁻¹)	Total Magma Volume (km ³)	Mean Magma Volume (km ³ day ⁻¹)
1	319	199 ± 8	0.62 ± 0.03	1.7 – 3.0 × 10 ⁻²	0.5 – 1.7 × 10 ⁻⁴
2	120	540 ± 11	4.72 ± 0.09	4.6 – 8.1 × 10 ⁻²	3.8 – 12.1 × 10 ⁻⁴
3	87	128 ± 4	1.5 ± 0.05	1.1 – 1.9 × 10 ⁻²	1.3 – 3.9 × 10 ⁻⁴
4	806	565 ± 25	0.68 ± 0.03	4.9 – 8.5 × 10 ⁻²	0.6 – 1.9 × 10 ⁻⁴
All	1332	1432 ± 48	1.1 ± 0.04	1.2 – 2.2 × 10 ⁻¹	0.9 – 2.9 × 10 ⁻⁴

Table 1 Summary of SO₂ emissions by phase and the calculated magma volume required to supply observed SO₂ emissions.