

Input meteorological data

ECMWF data at  $1^{\circ} \times 1^{\circ}$  global

Tracer

Air

Release location horizontal

$\pm 0.2^{\circ}$  latitude/longitude around Reunion Island

Release location vertical

0–2000, 4000–6000, 8000–10000 and 12 000–14 000 m a.s.l.

Release time

06:00-18:00 local time for each day from 2011 to 2013

Number of days for backward running

20 days

Number of particles for each release

20 000

Output grid horizontal

$1^{\circ} \times 1^{\circ}$  global

Output grid vertical

0–16 000 m a.s.l.