

## **FLEXPART GFS forecast**

**By: NILU (N. Kristiansen)**

**Updated: 29 August 2014 12 UTC**

### **Model simulation details:**

**Volcano Location:**

**Tavurvur** 4.271 S 152.203 E 688 summit elevation (meters above sea level)

**Start of release:**

28 August 2014 18:00 UTC

**End of release:**

29 August 2014 00:00 UTC

Continuous release between start and end.

**Plume height:**

18 km a.s.l. between 18-19 UTC on 28.08

10 km a.s.l. between 19-23:59 on 28.08

**Vertical distribution in eruption column:**

70% of the mass emitted in the top 3 km of the eruption plume. Rest below.

**Total SO2 emitted:**

0.1E+09 kg