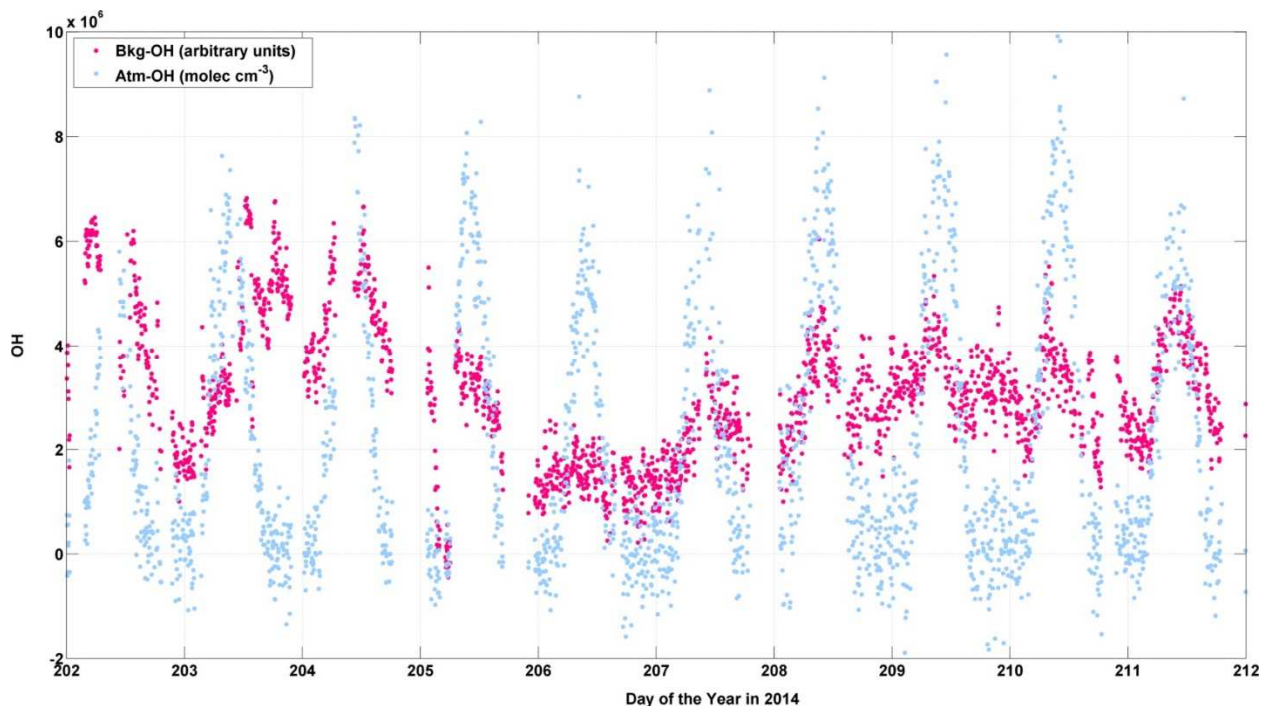
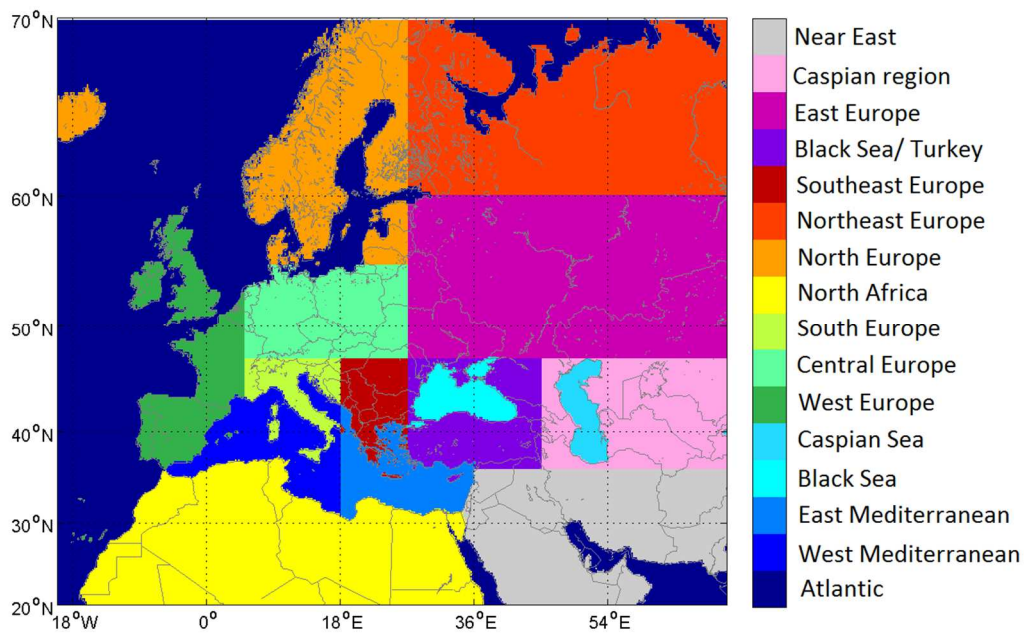


## 1. Supplementary



**Supplementary Figure 1:** Variation of atmospheric and background OH during CYPHEX. Background OH is in arbitrary units.



**Supplementary Figure 2:** Source regions identified by FlexPart.

Supplementary File1: Caaba/Mecca model scheme based on the Mainz Organic Mechanism (MOM).