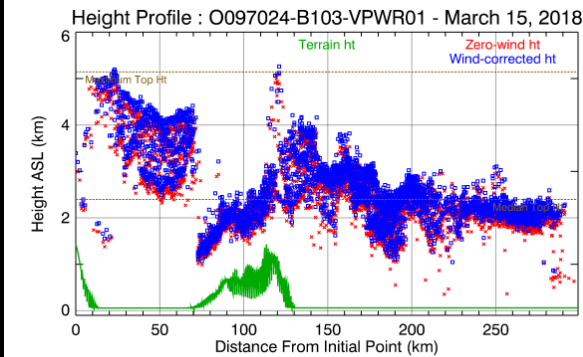


# Volcanic eruption plume from Aoba Volcano, Vanuatu

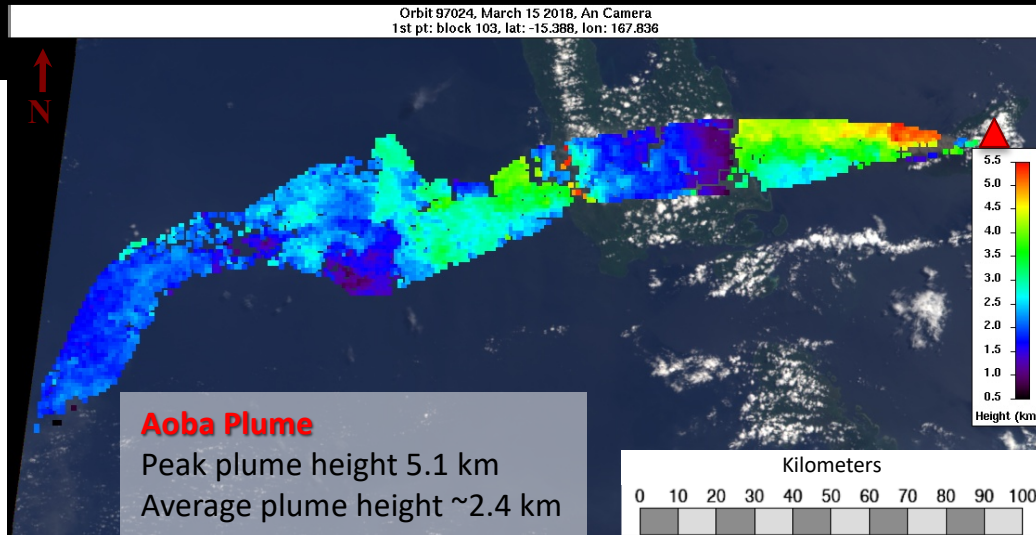
**MISR Active Aerosol Plume-Height (AAP) Project 15 March 2018**

MISR-MINX  
Height Maps  
for Volcanic Plumes

*Plume buoyancy dominates settling at an altitude ~2 km.*

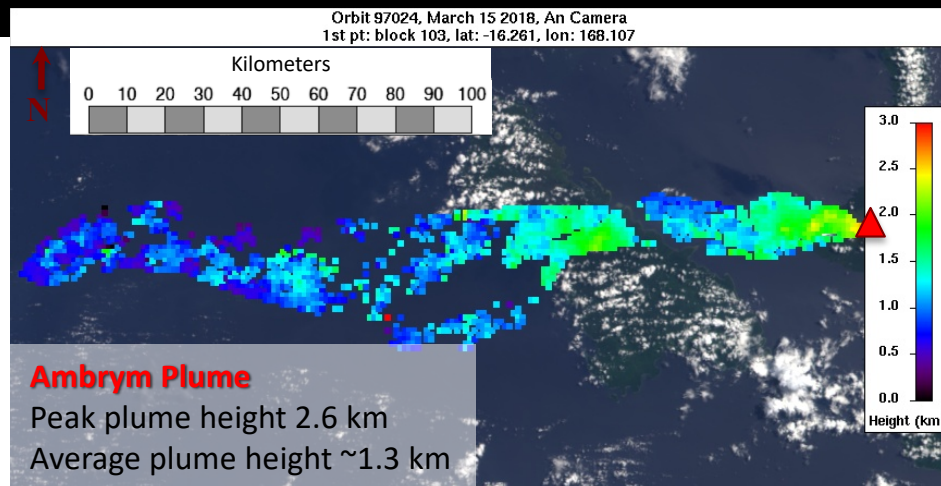
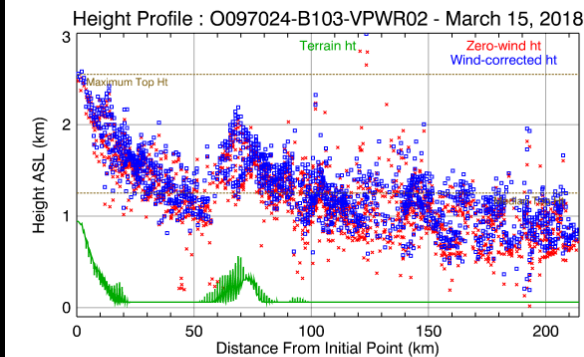


**Zero-wind & Wind-Corrected**  
**MISR Height Profiles**



The **two distinct plumes** display variations in **peak altitude** and **settling characteristics**.

*Plume displays limited buoyancy declining in altitude with distance from source.*



**Higher injection altitude** indicates that the **Aoba volcano** eruption was **more explosive** than the **Ambrym** eruption.