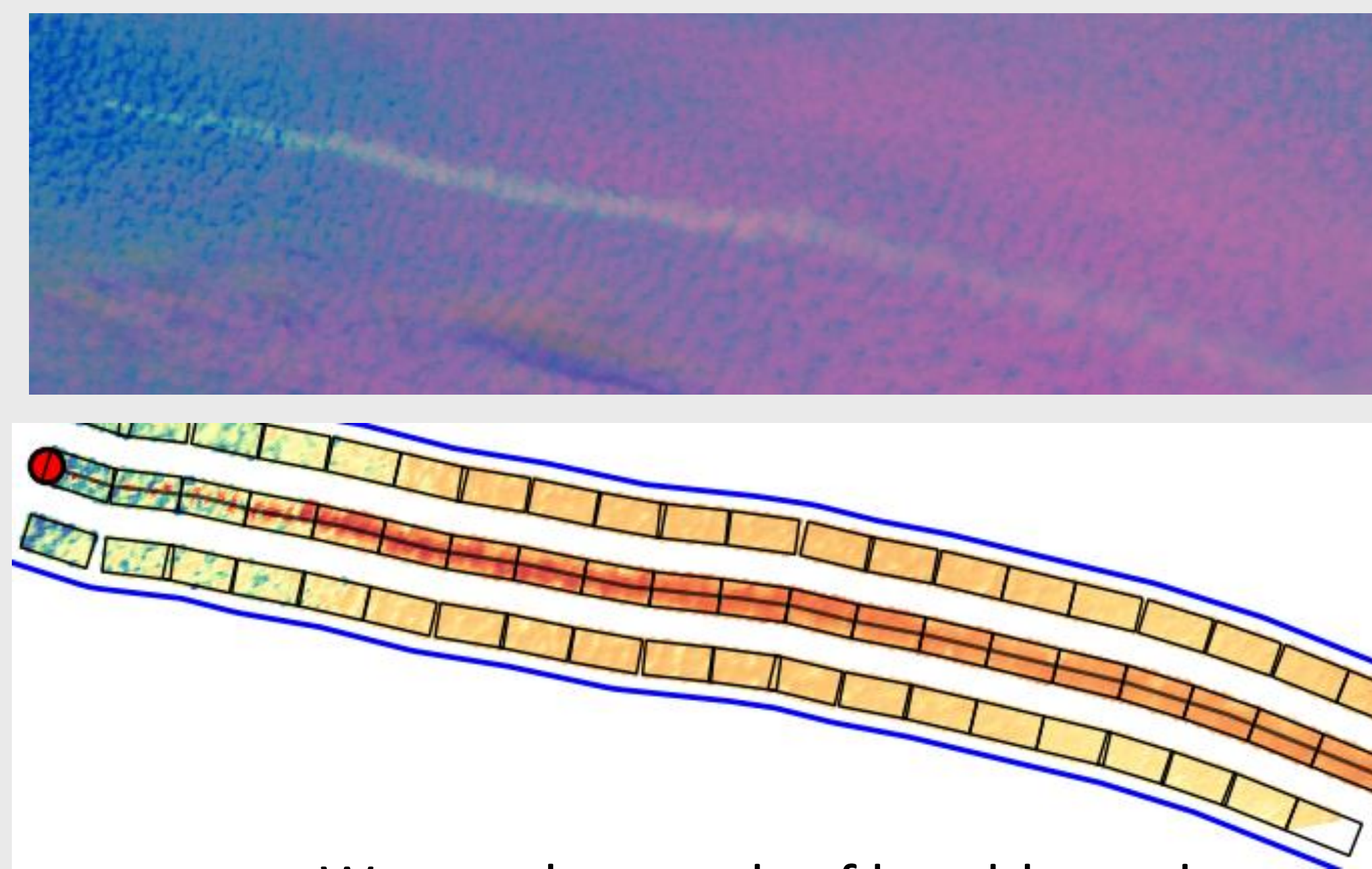
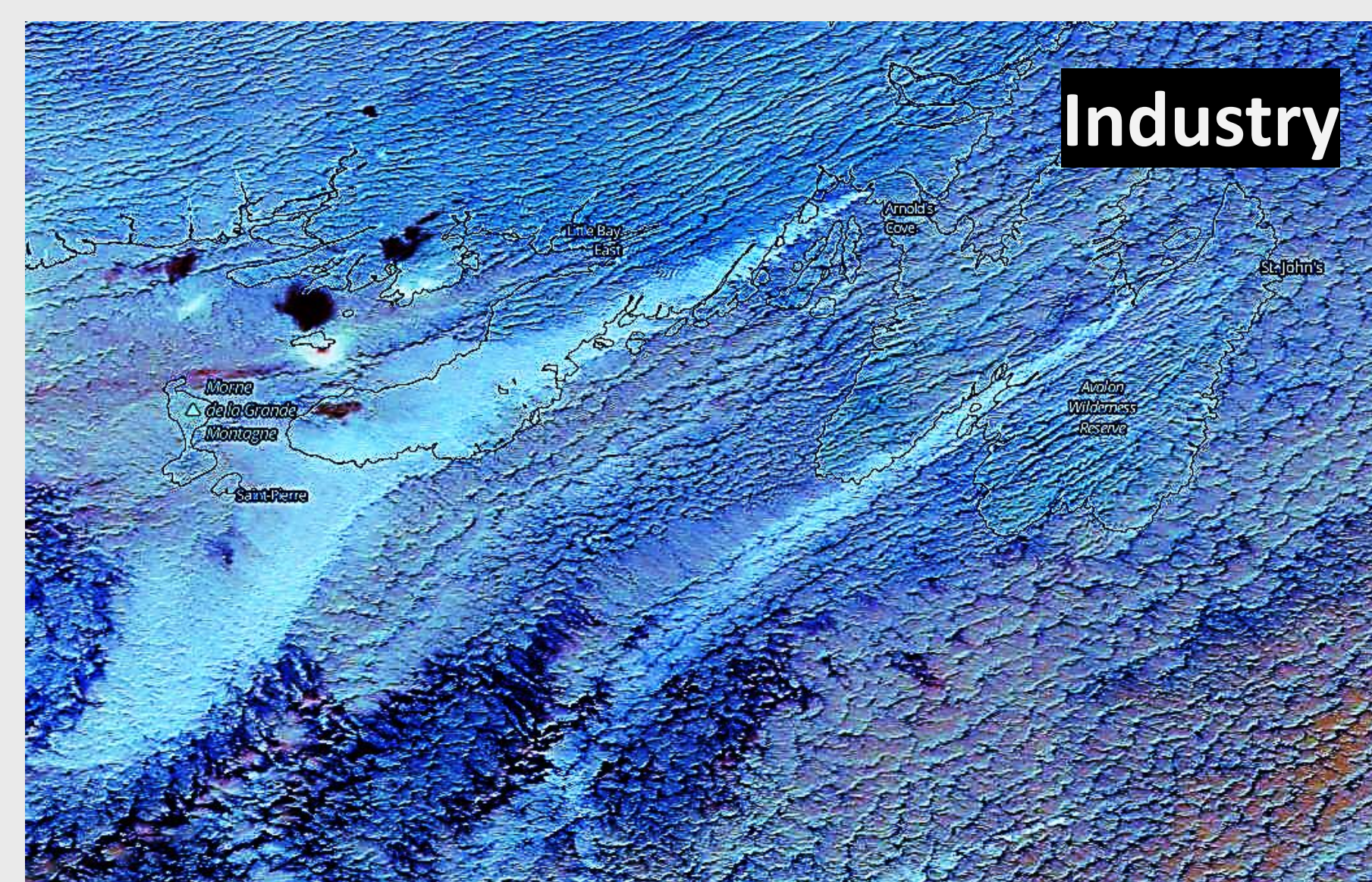
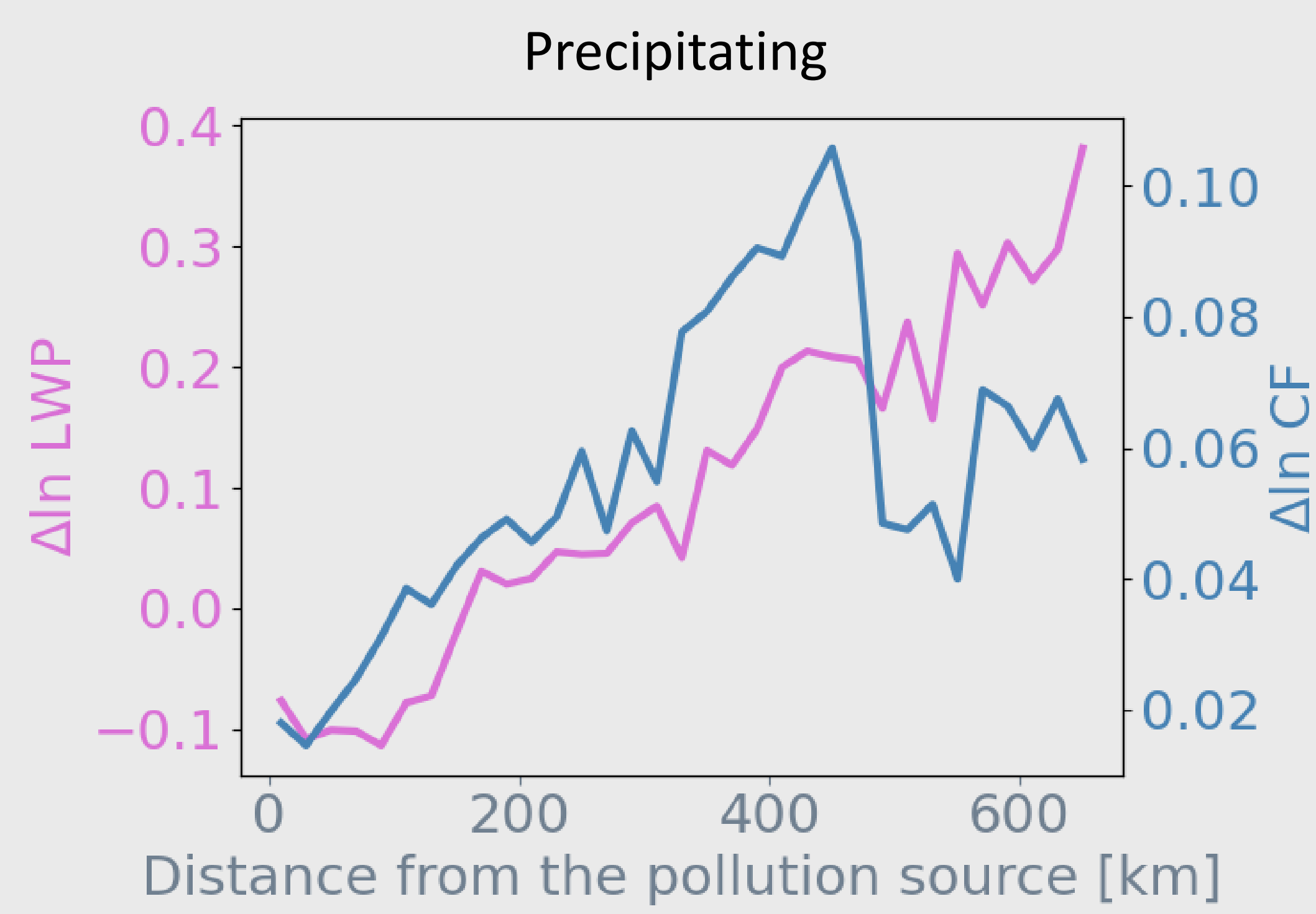


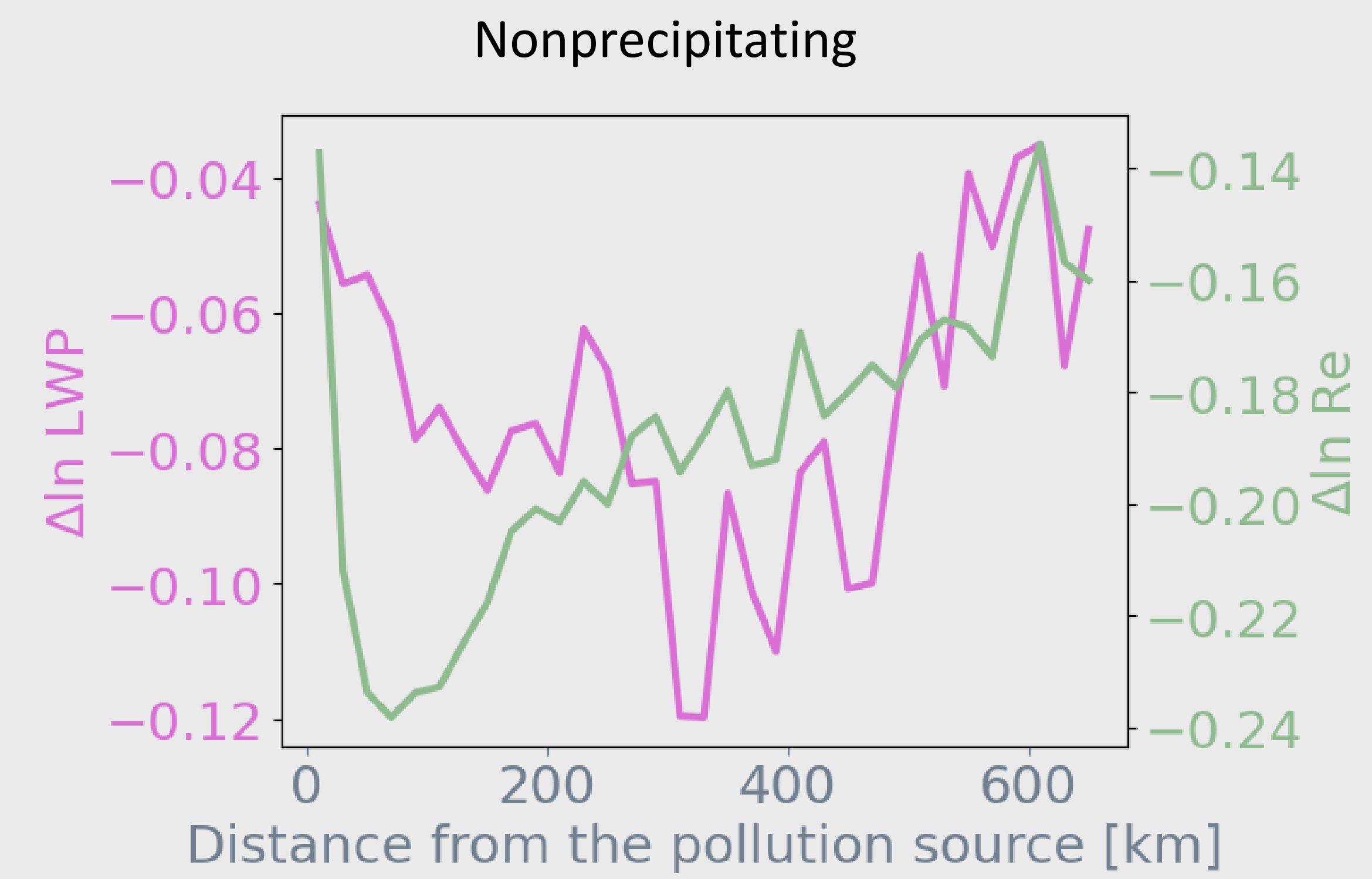
Underestimated increase in cloud water in aerosol-polluted cloud tracks



We use thousands of hand-logged ship-track-like aerosol-polluted cloud tracks as opportunistic experiments of aerosol impacts on clouds: Comparison between aerosol-polluted and nearby unpolluted cloud properties using MODIS data



Physically consistent increases in liquid water path (LWP) and cloud fraction (CF) in precipitating backgrounds



Unphysical near-instant decrease in LWP in nonprecipitating backgrounds (Re is cloud droplet effective radius)

