

# A paradigm of extreme rainfall pluvial floods in complex urban areas: the flood event of 15 July 2020 in Palermo (Italy).

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## Supplementary Material

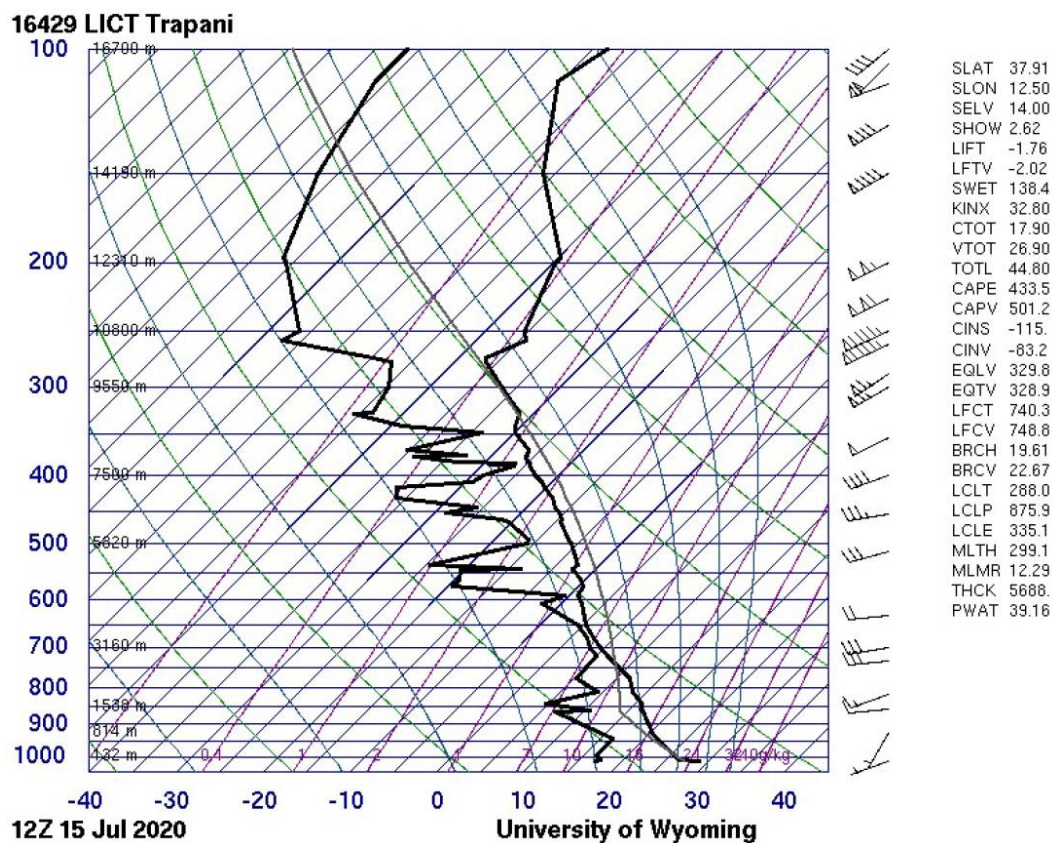


Figure S1. Thermodynamic state of the atmospheric column on 15 July 2020. Data from the radiosonde data station LICT Trapani-Birgi. Source image: University of Wyoming (<http://weather.uwyo.edu/>).

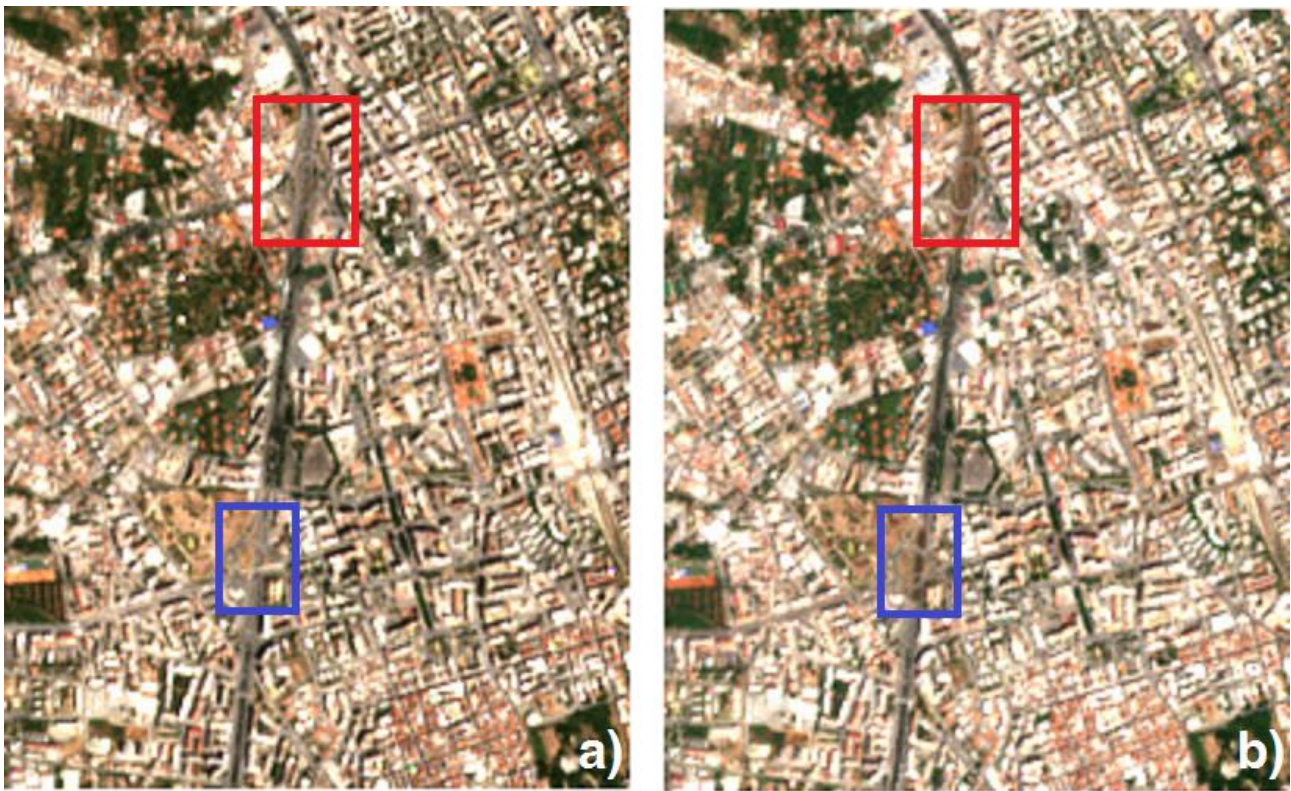


Figure S2. Sentinel-2 image of the a) 14 July 2020 at around 10:00 (i.e., the day before the flooding event) and 2) 16 July 2020 at around 09:50 (i.e., the day after the flooding event). The boxes blue and red indicate the underpasses Da Vinci and Michelangelo, respectively. Despite the not-optimal resolution of the images, it is possible to glimpse the traces left by the mud in the two underpasses the day after the flooding event. Source: Copernicus Open Access Hub (<https://scihub.copernicus.eu/dhus/#/home>).

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