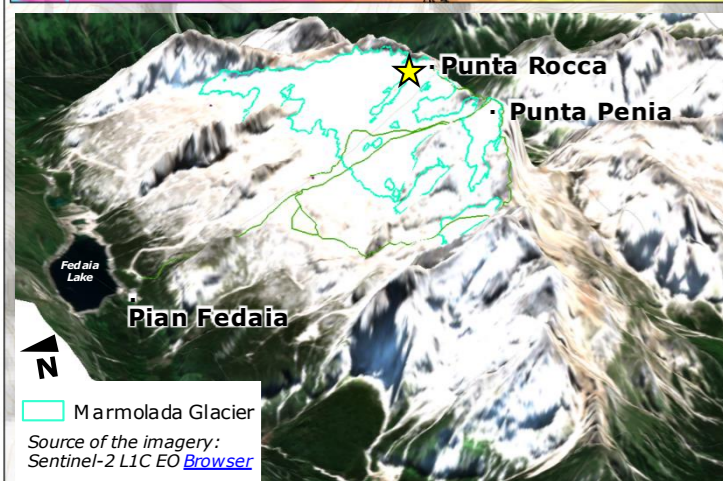
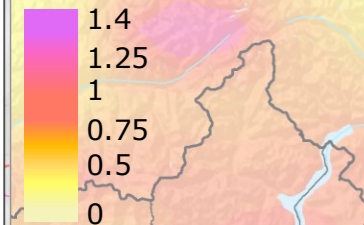


Italy | Marmolada Glacier collapse of 3 July

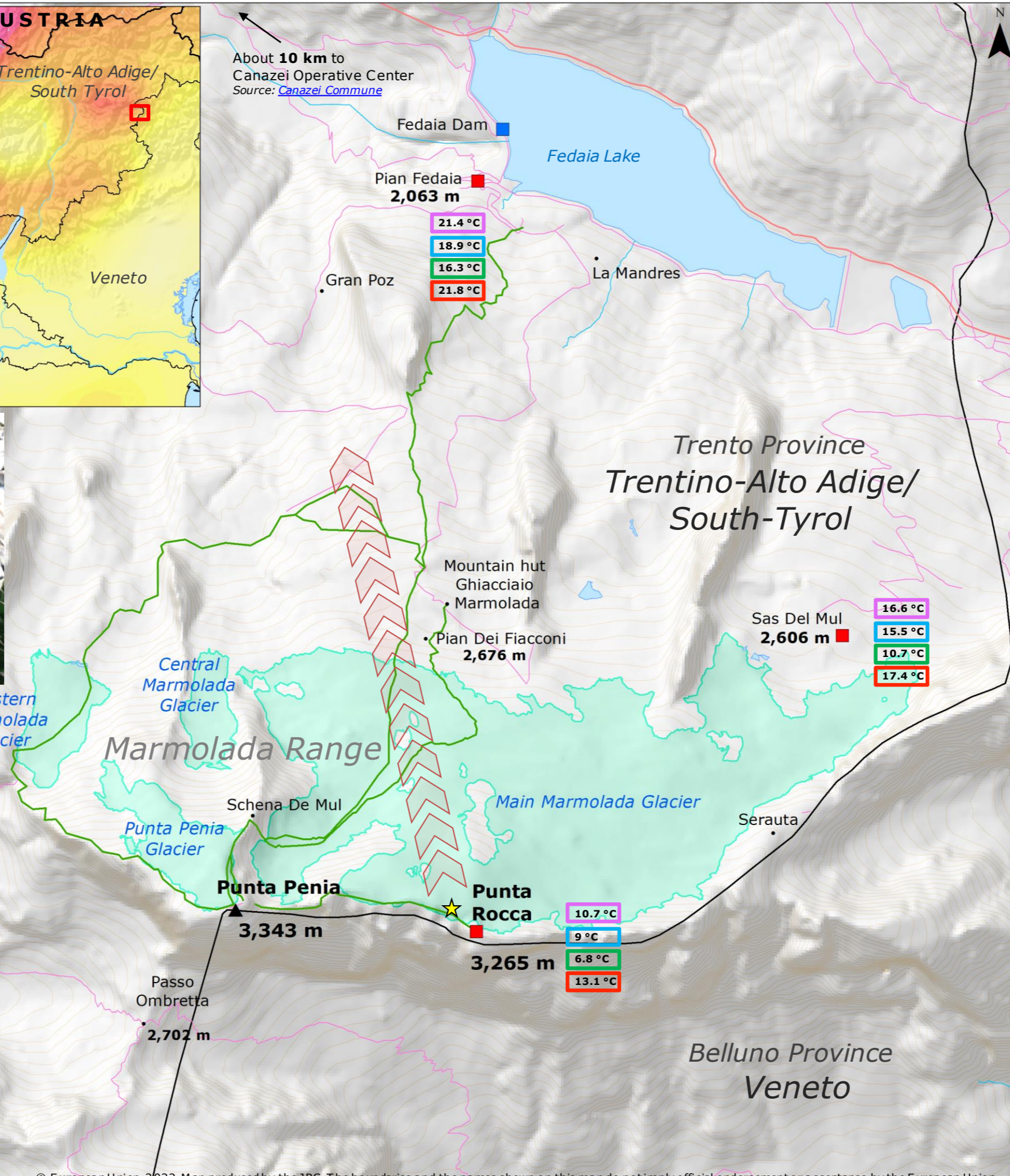
Surface air temperature anomaly for July 2021 to June 2022 relative to the average for 1991-2020 (°C)
Source: [Copernicus/ECMWF](#)



Recorded temperatures
Source: [PAT Trentino](#), [ARPA Veneto](#)

- Station
- °C On 3 July 2022
- °C On 2 July 2022
- °C On 1 July 2022
- °C Maximum of June 2022
- Marmolada Glacier
Source: [Trento Province](#)
- ▤ Generalised flow of debris
Source: [Trento Province](#)
- Dam
- Walking trails
- Main Road
- Secondary Road
- Region border

About 10 km to Canazei Operative Center
Source: [Canazei Comune](#)



Situation Overview as of 5 July at 17:30 CEST

☒ 9 Fatalities (4 identified, 5 not identified yet)
☒ 5 Missing people
☒ 7 Injured people
 Source: [Italian Civil Protection](#)

On 3 July, a portion of **Marmolada Glacier**, starting in an area located nearby **Punta Rocca** peak (3,342 m), collapsed. An estimated **300,000 m³** of detached material (ice, debris and rocks) flowed down the mountainside for approximately 700 m of altitude.

Higher than average temperatures were recorded in the area. According to the dataset from the Copernicus Climate Change Service/ECMWF, the surface air temperature anomaly¹ for July 2021 to June 2022 was up to 0.8°C across the affected area.

Source: [Environmental Councilor Veneto Region](#), [Trento Province](#), [Copernicus/ECMWF](#)

¹Relative to the reference period 1991-2020

★ Generalised area of the event on 3 July at 13:40 UTC
Source: [Trento Province](#)

