Europe

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Precipitation Intensity Responses are Likely to Vary Regionally in a Warmer World
Verisk Found Very Few Statistically Significant Trends in Regional Short-Duration Precipitation Intensity

Trends in Annual Max. Regional 168 hour Precipitation
Trends in Short-Duration Precipitation Intensity in Italy: Summary

Signal

• Both positive and negative trends in short-duration precipitation intensity can be detected across Italy in grid-based analyses covering 1979-2018.

Statistical significance

• Very few of the detected grid-based trends are statistically significant.

Scale

• Verisk’s analyses show there are very few statistically significant trends within watershed sized regions. This result makes it hard to confidently say what is driving the grid-based trends and any role from climate change.