



ICEYE Flood News Bulletin 19.9.2024

Flood images and information on ICEYE's response and analysis - Sept 19, 2024

For all ICEYE information and previous media updates on Storm Boris, see our [Live Reporting Page](#)

As heavy flooding devastates Central and Eastern Europe following torrential rains from Storm Boris, all ICEYE radar satellites have been tasked to monitor the natural catastrophe's impacts in the area since the weekend. Our flood monitoring team continues to collaborate with governmental agencies across Europe, analyzing and processing satellite data to provide near real-time flood extent and depth information.

As of September 19, we have delivered five flood analysis reports for Poland and three for Austria. Based on our fifth data release for Poland in Esri ArcGIS, we estimate that at least 20,000 buildings could be impacted by the flooding in the South of Poland. The next analysis releases for these countries are underway. Our team is actively monitoring and mapping the flood extent in and around Wroclaw, and the analysis is expected to be added to our next, the 6th flood extent & depth analysis release.

ICEYE's cloud-penetrating SAR satellites continue capturing imagery of other impacted regions across Central and Eastern Europe. Boris has finally shifted out of the region, bringing an end to the rainfall in Austria, Czech Republic, and Poland. ICEYE is still monitoring Boris though, as the heavy rainfall risk has shifted into parts of Italy this week. Our team is fully activated for this event, ensuring timely data to support ongoing response efforts.

"In a crisis situation, quick cooperation between public institutions and private entities is crucial in ensuring adequate measures to protect communities. ICEYE has been providing assistance to the mitigation and response efforts across Europe for Storm Boris since its beginning, and we are grateful for the trust in ICEYE's support during the devastating natural catastrophe unfolding in Europe. Our team is committed to providing continued analysis and insights to the communities impacted," said **Rafal Modrzewski**, CEO and Co-founder of ICEYE.

"ICEYE is cooperating with local, national and Pan-European agencies to deliver near real-time flood data to support the emergency response efforts around Storm Boris. Throughout this crisis, our teams will continue leveraging our advanced satellite technology to provide insights and a clearer picture on the ground for emergency responders across Europe," said **Stephen Lathrope**, SVP, Solutions, ICEYE.

ICEYE's Flood Insights combines ICEYE's world-leading SAR satellite imagery with an abundance of third-party data, algorithms and machine learning, supported by a team of experts from the fields of meteorology, hydrology, and advanced geospatial analytics.

ICEYE

Download links for the images and animation for media use:

- Poland: Lewin Brzeski - [Square](#) | [Landscape](#)
 - [Before-after animation](#)
- Poland: Zgorzelec - [Square](#) | [Landscape](#)
- Poland: Brzeg - [Square](#) | [Landscape](#)
- **Poland: ArcGIS visuals [extent, building count; square format]**
 - [Southwest Poland - flood extent](#)
 - [Southwest Poland](#)
 - [Lewin Brzeski](#)
 - [Jelenia Góra](#)
 - [Kamienna Góra](#)
 - [Kłodzko](#)
 - [Oława County](#)
 - [Prudnik County](#)
 - [Lwówek Śląski](#)
 - [Nysa](#)
- [All images - in Polish language](#)



Image: Flood extent and depth in Lewin Brzeski, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024.

ICEYE

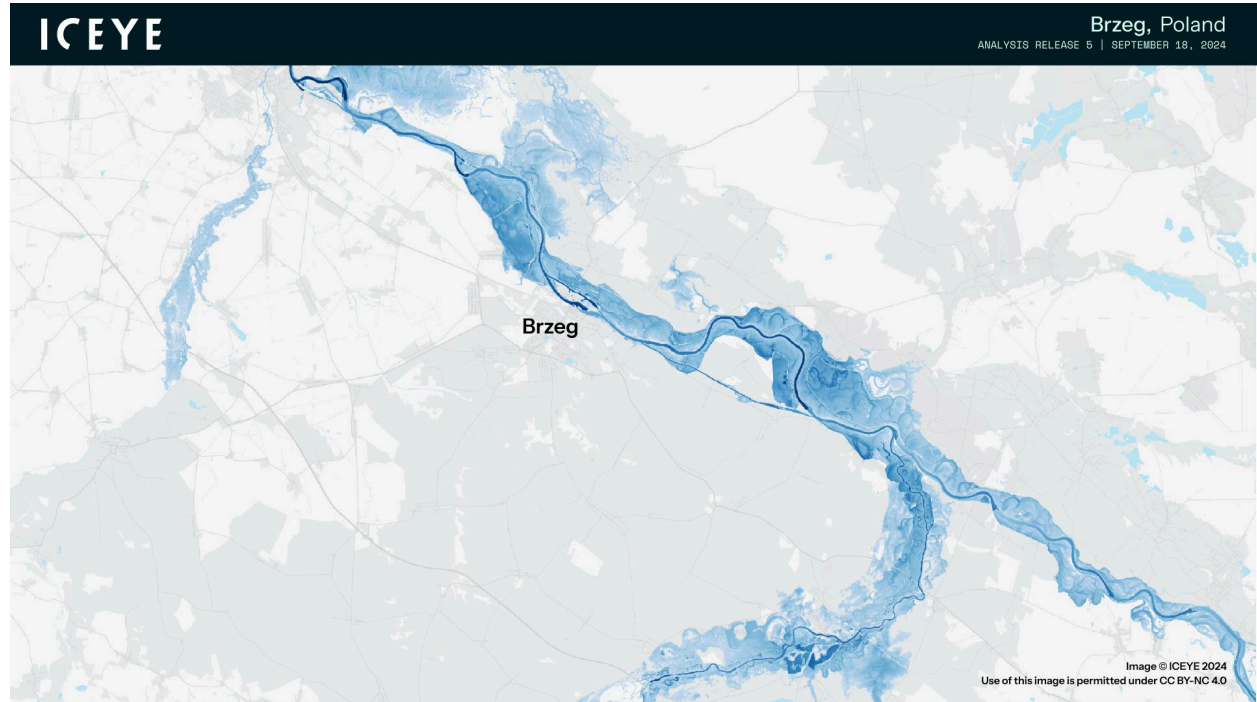


Image: Flood extent and depth in and around Brzeg, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024.

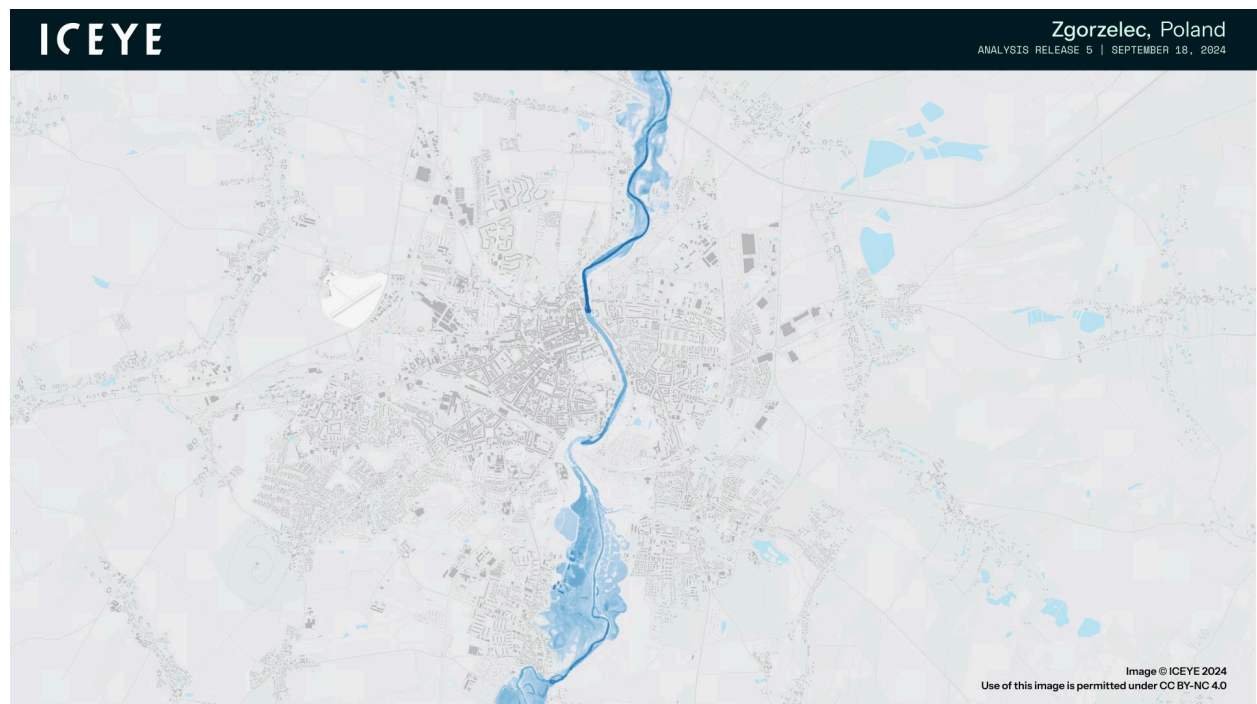


Image: Flood extent and depth in and around Zgorzelec, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024.

ICEYE

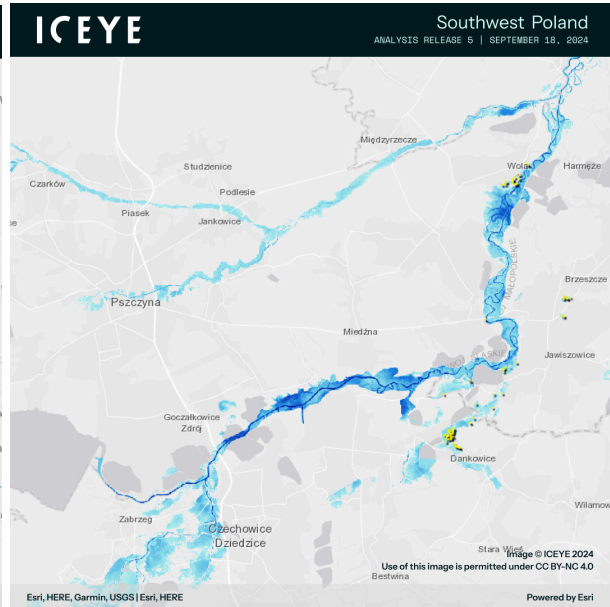
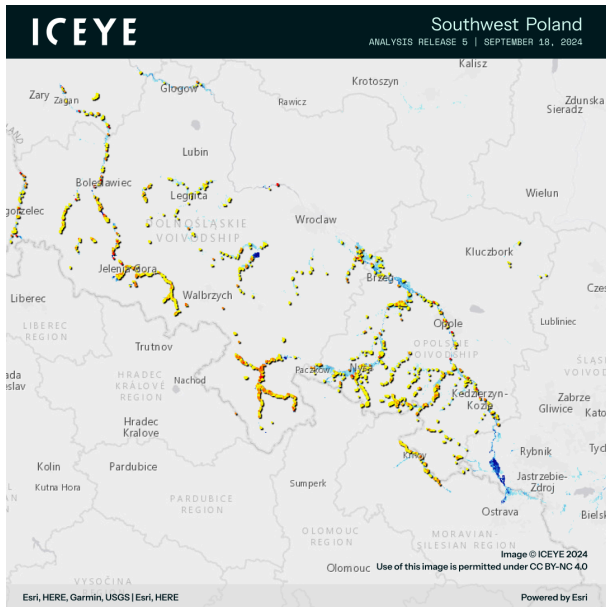


Image (left): Flood extent in Southwest Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. **Image (right):** Flood extent and depth in Pszczyna County/Bielsko County, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. (Key to the image colors: Red - High. Orange - Medium. Yellow - Low. Colors indicate the total number of buildings affected by flood water depth category)

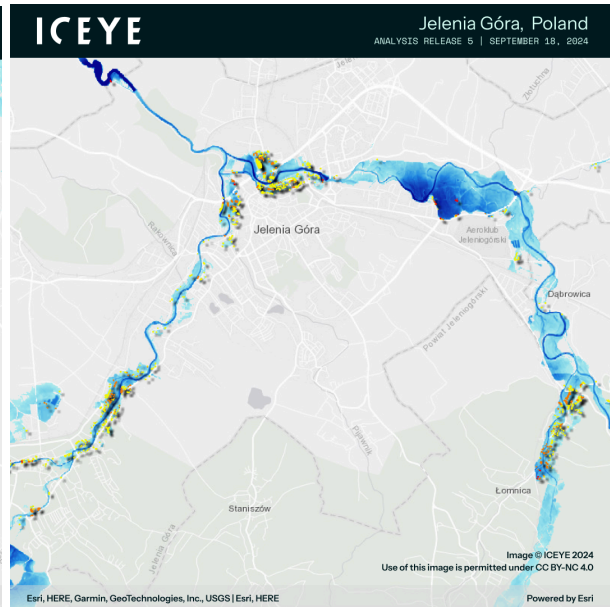
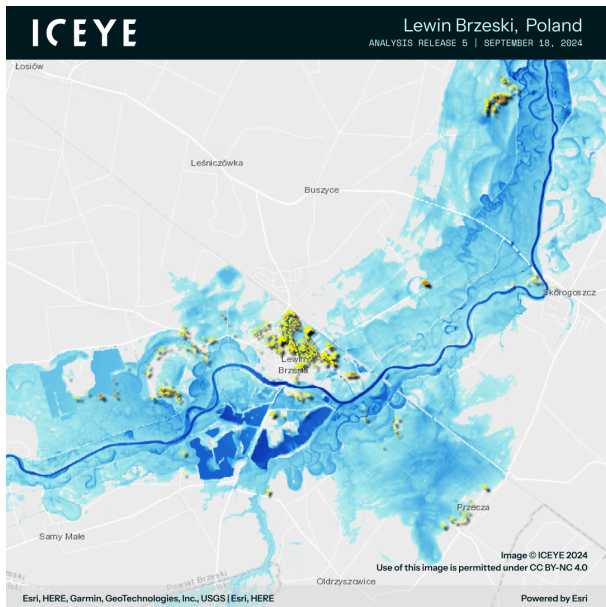


Image (left): Flood extent and depth in and around Lewin Brzeski, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. **Image (right):** Flood extent and depth in and around Jelenia Góra, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. (Key to the image colors: Red - High. Orange - Medium. Yellow - Low. Colors indicate the total number of buildings affected by flood water depth category)

ICEYE

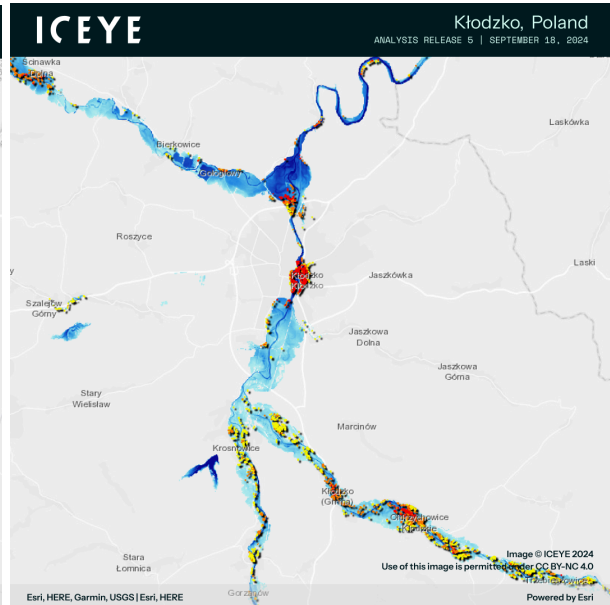
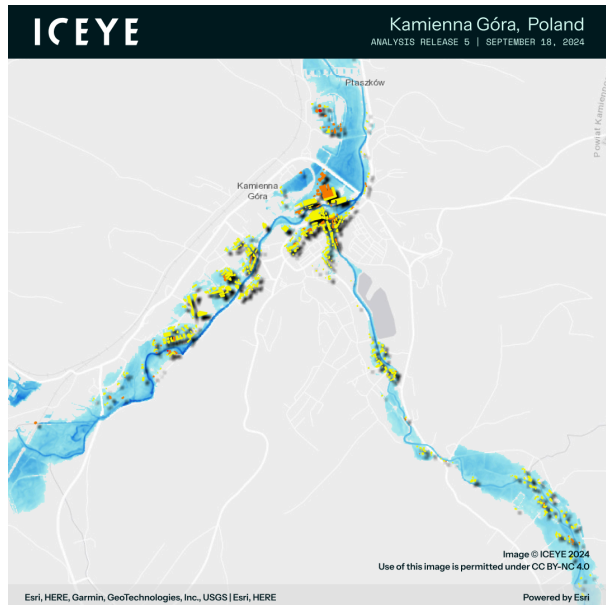


Image (left): Flood extent and depth in and around Kamienna Góra, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. **Image (right):** Flood extent and depth in and around Kłodzko, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. (Key to the image colors: Red - High. Orange - Medium. Yellow - Low. Colors indicate the total number of buildings affected by flood water depth category)

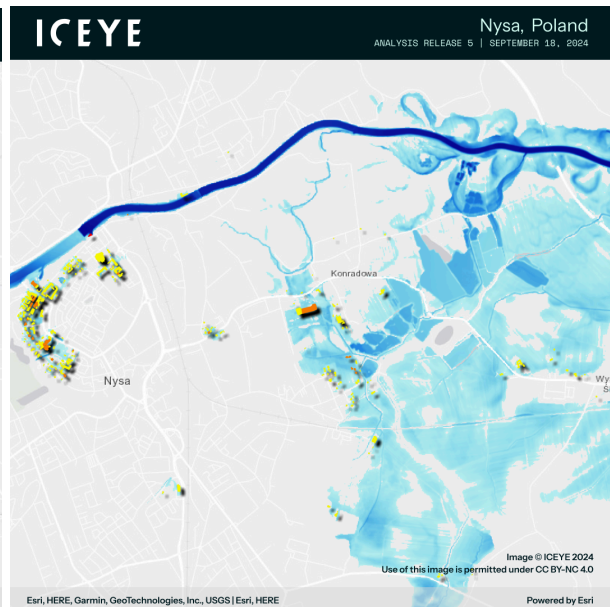
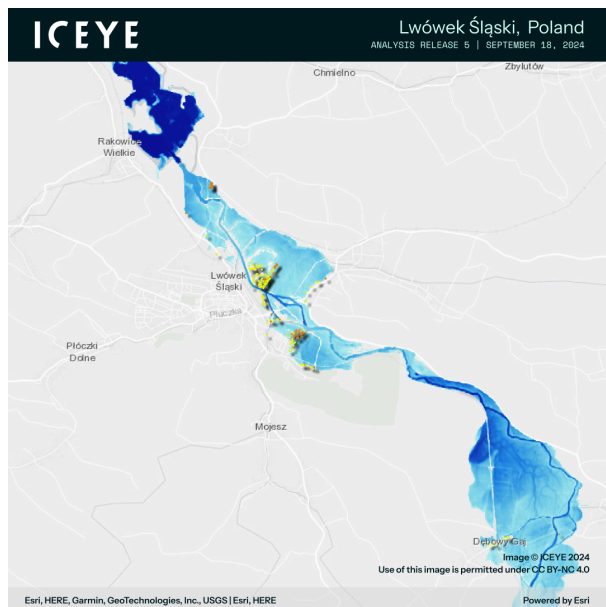


Image (left): Flood extent and depth in and around Lwówek Śląski, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. **Image (right):** Flood extent and depth in Nysa, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. (Key to the image colors: Red - High. Orange - Medium. Yellow - Low. Colors indicate the total number of buildings affected by flood water depth category)

ICEYE

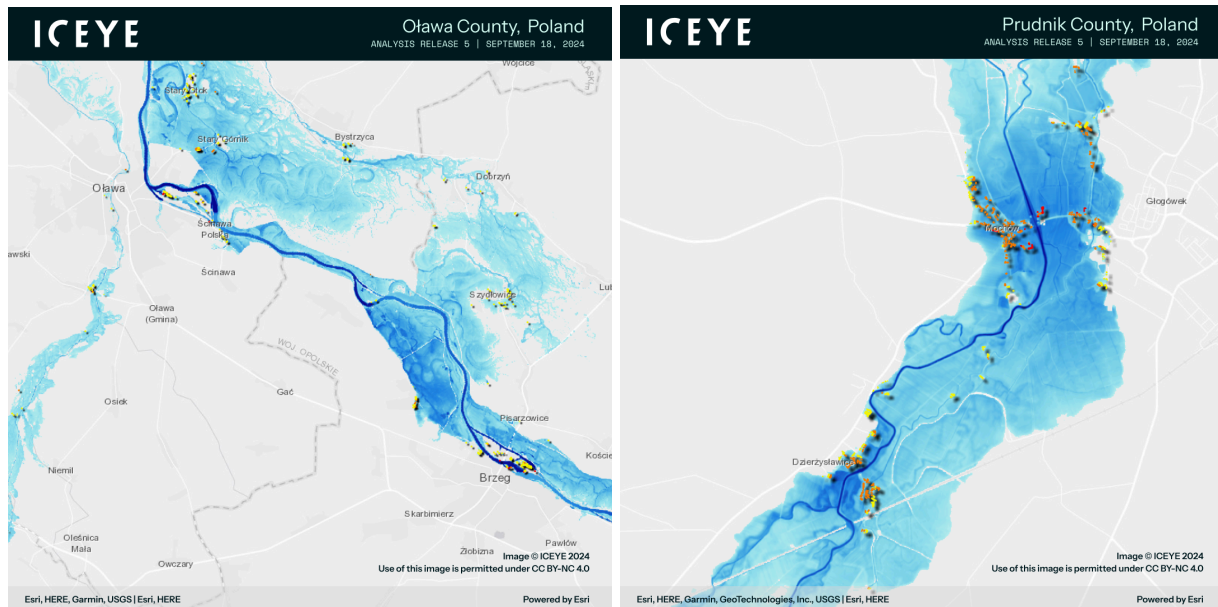


Image (left): Flood extent and depth in Oława County, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. **Image (right):** Flood extent and depth in Prudnik County, Poland, based on the fifth release of ICEYE's flood analysis from September 18, 2024, opened in Esri ArcGIS. (Key to the image colors: Red - High. Orange - Medium. Yellow - Low. Colors indicate the total number of buildings affected by flood water depth category)

Previous ICEYE Flood News Bulletins on Storm Boris with additional imagery:

[ICEYE Flood News Bulletin, Sept 18, 2024 \(English\)](#)

[ICEYE Flood News Bulletin, Sept 17, 2024 \(English\)](#)

[ICEYE Flood News Bulletin, Sept 16, 2024 \(English\)](#)

[ICEYE Flood News Bulletin, Sept 16, 2024 \(Polish\)](#)

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About ICEYE

ICEYE delivers unparalleled persistent monitoring capabilities to detect and respond to changes in any location on Earth, faster and more accurately than ever before.

Owning the world's largest synthetic aperture radar (SAR) satellite constellation, ICEYE provides objective, near real-time insights, ensuring that customers have unmatched access to actionable data, day or night, even in challenging environmental conditions. As a trusted partner to governments and commercial industries, ICEYE delivers intelligence in sectors such as insurance, natural catastrophe response and recovery, security, maritime monitoring, and finance, enabling decision-making that contributes to community resilience and sustainable development.

ICEYE

ICEYE operates internationally with offices in Finland, Poland, Spain, the UK, and the US. We have more than 700 employees, inspired by the shared vision of improving life on Earth by becoming the global source of truth in Earth Observation.

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