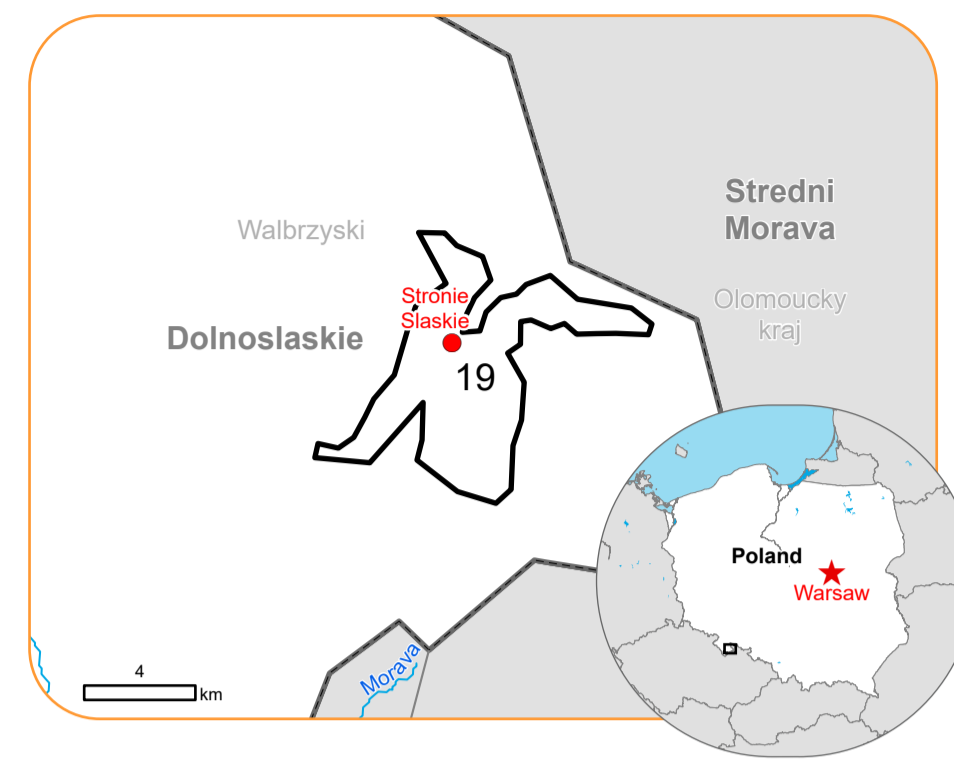


EMSR756 - AOI19
Flood in Poland
STRONIE ŚLĄSKIE

Situation as of 25/09/2024 09:59 UTC
Grading MONIT01 - Overview map 01



Flooded area 3.6 ha
 Flood trace 150.9 ha
 Potentially affected population ~ 1700

Affected Built-up and Transportations

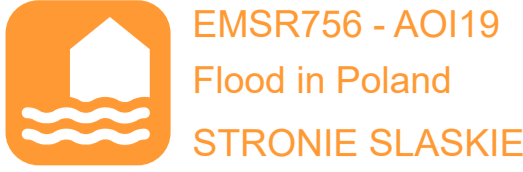
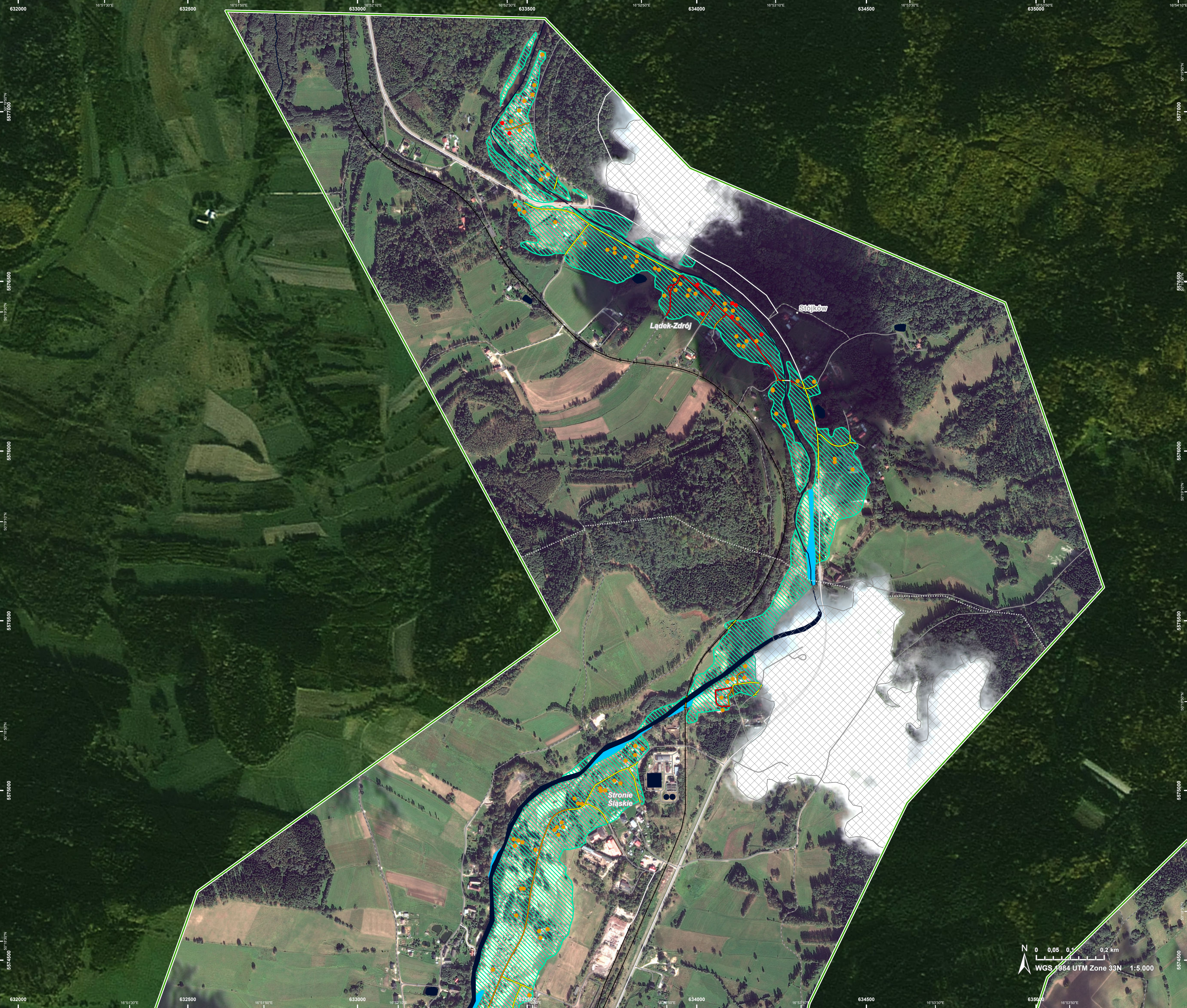
Built-Up 540 No.	Road 26.0 km
Facilities 1.5 ha	Railway 1.0 km

- Crisis Information**
- Flooded Area
 - Flood trace
- Built Up Grading**
- Destroyed
 - Damaged
- Facilities Grading**
- Destroyed
 - Possibly damaged
- Transportation Grading**
- Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
 - Railway, Damaged
 - Railway, Possibly damaged
- General Information**
- Area of Interest
 - Detail map
 - Not Analysed
- Administrative Boundaries**
- Municipality
- Placenames**
- Placename
- Hydrography**
- Lake, River
- Main road, No visible damage**
- Local road, No visible damage**
- Track, No visible damage**
- Railway, No visible damage**

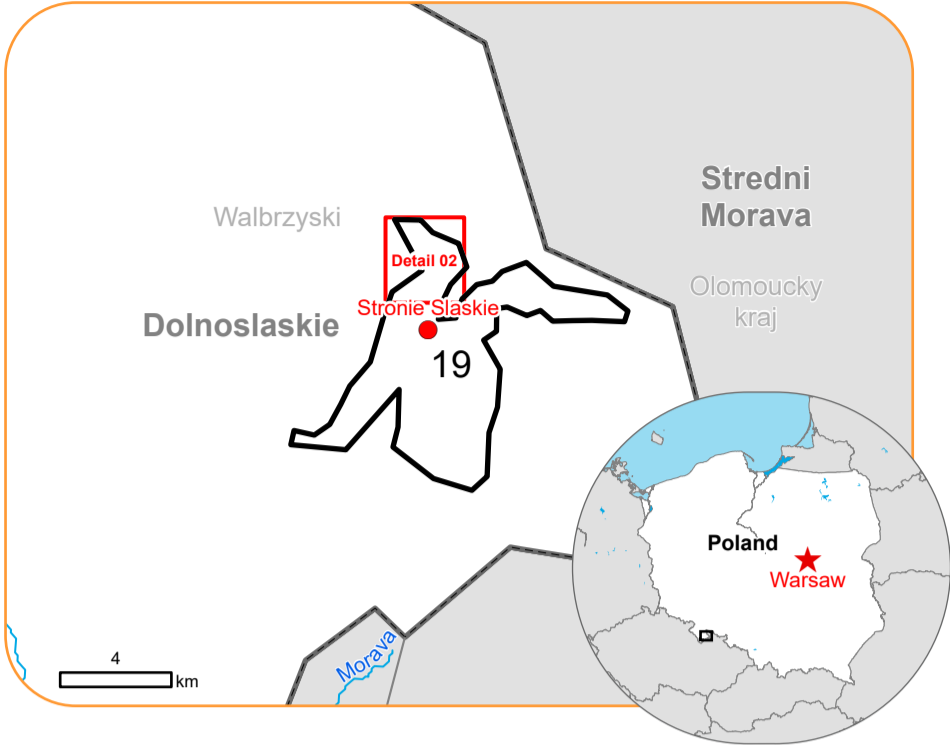
Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.

Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 m). This image is used as background image.
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.



Situation as of 25/09/2024 09:59 UTC
Grading MONIT01 - Detail map 02



- Crisis Information**

 - Flooded Area
 - Flood trace

Built Up Grading

 - Destroyed
 - Damaged

Transportation Grading

 - Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
 - Railway, Damaged
 - Railway, Possibly damaged
 - Main road, No visible damage
- Local road, No visible damage
 - Track, No visible damage
 - Railway, No visible damage

General Information

 - Area of Interest
 - Not Analysed

Administrative Boundaries

 - Municipality

Placenames

 - Placename

Hydrography

 - Lake, River

Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.

Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 m). This image is used as background image.
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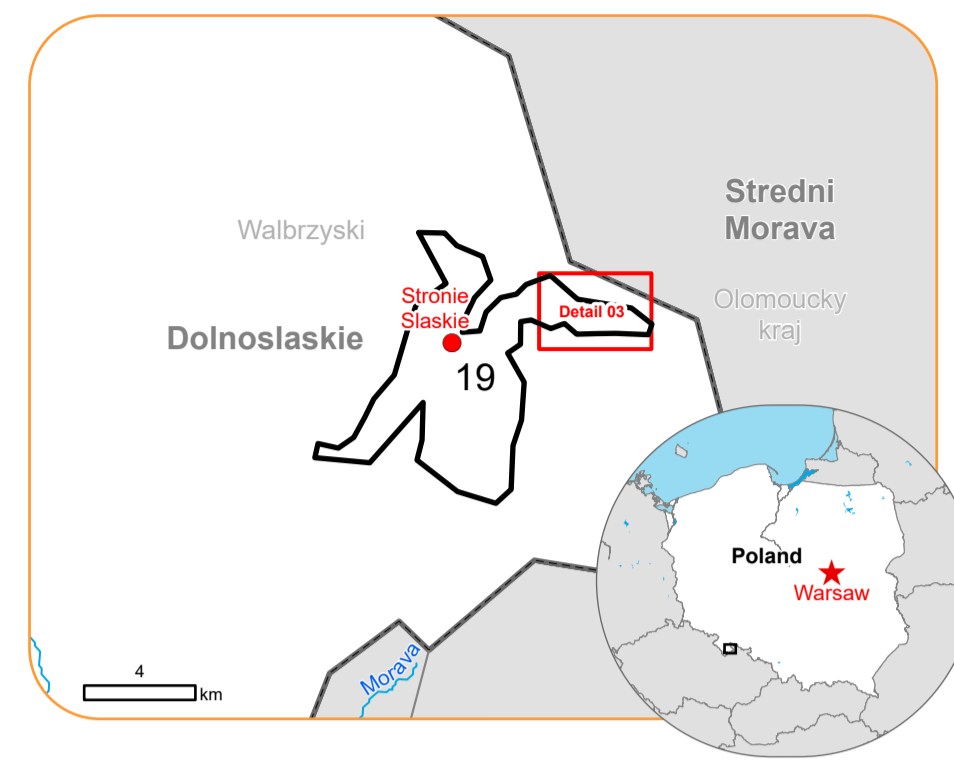
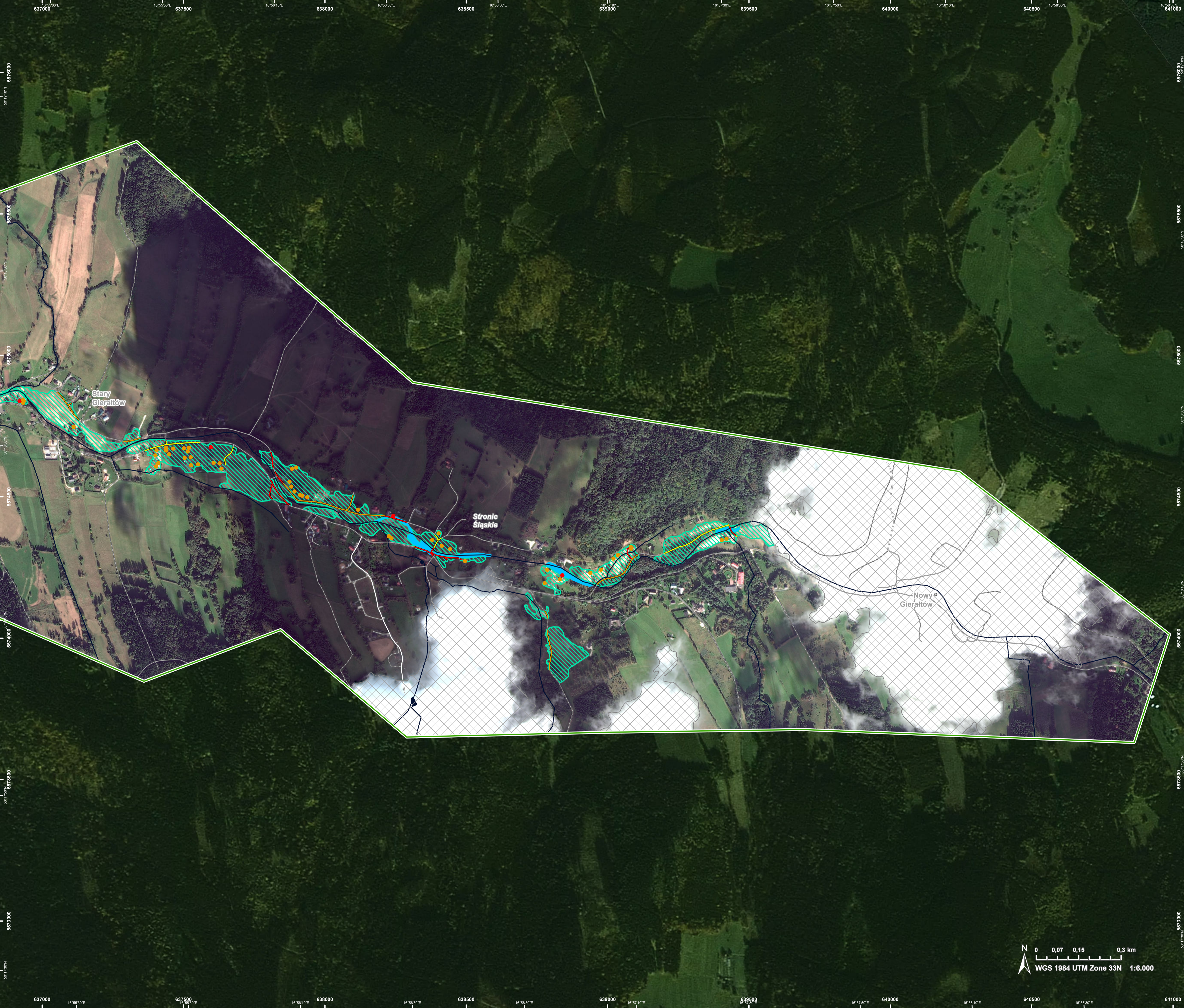
The thematic layer has been derived from post-event satellite image by means of visual interpretation.



Map produced by IABG released by e-GEOS on the 26/09/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR756>



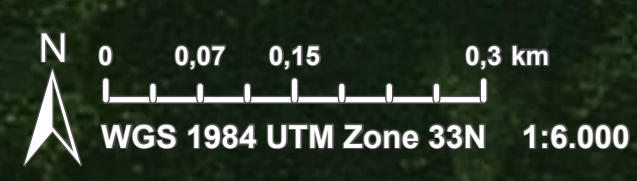


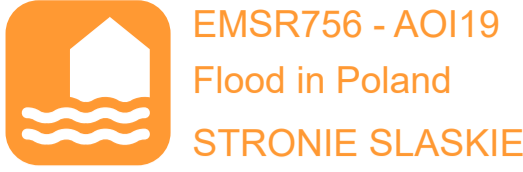
- Crisis Information**
- Flooded Area
 - Flood trace
- Built Up Grading**
- Destroyed
 - Damaged
- Transportation Grading**
- Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
- General Information**
- Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
 - Area of Interest
 - Not Analysed
- Placenames**
- Placename
- Hydrography**
- Lake, River

Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.

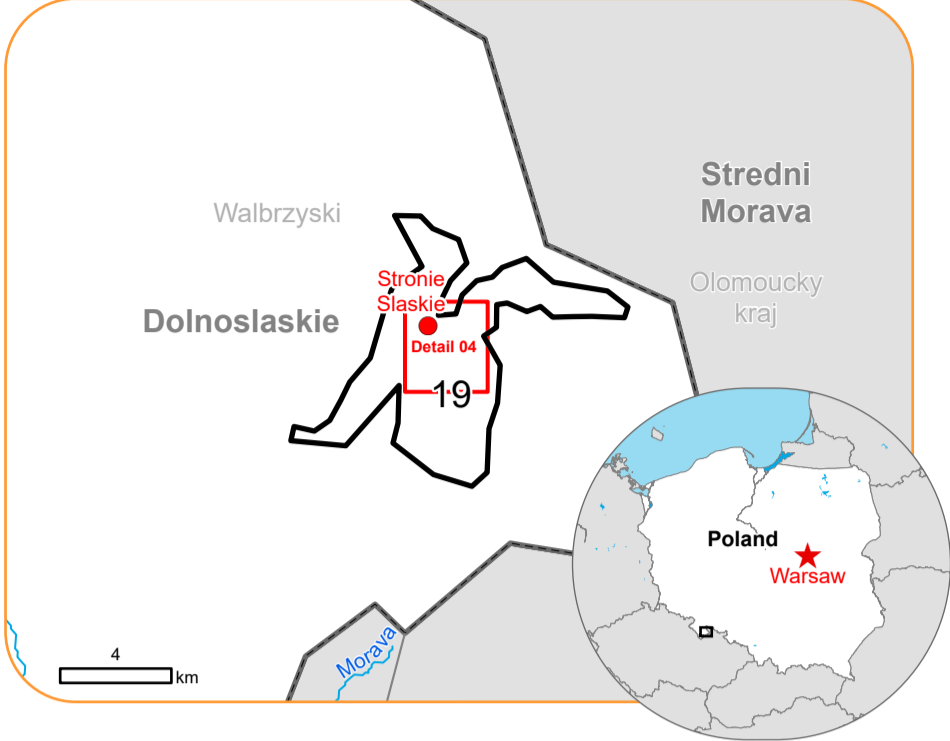
Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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Situation as of 25/09/2024 09:59 UTC
Grading MONIT01 - Detail map 04



- Crisis Information**

 - Flooded Area
 - Flood trace

Built Up Grading

 - Destroyed
 - Damaged

Facilities Grading

 - Destroyed
 - Possibly damaged

Transportation Grading

 - Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
- Railway, Possibly damaged
 - Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
 - Railway, No visible damage

General Information

 - Area of Interest
 - Not Analysed

Placenames

 - Placename

Hydrography

 - Lake, River

Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.

Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 m). This image is used as background image.
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.



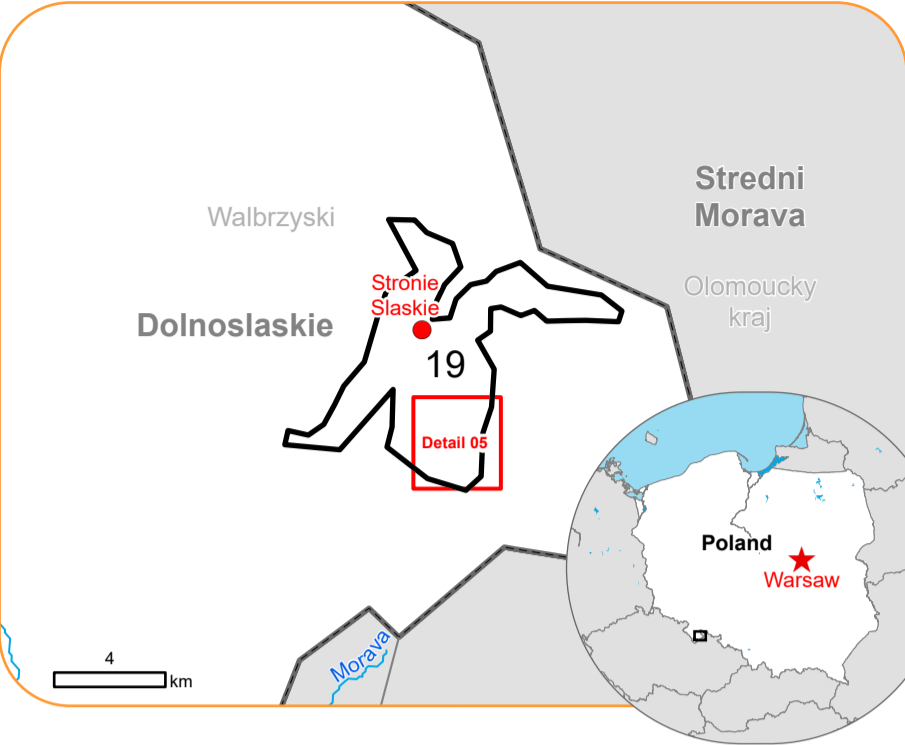
EMSR756 - AOI19

Flood in Poland

STRONIE SLASKIE

Situation as of 25/09/2024 09:59 UTC

Grading MONIT01 - Detail map 05



Crisis Information

Flooded Area

Flood trace

Damaged

Transportation Grading

Road, Destroyed

Road, Damaged

Road, Possibly damaged

Main road, No visible damage

Local road, No visible damage

Track, No visible damage

General Information

Area of Interest

Not Analysed

Placenames

Placename

Hydrography

Lake, River


Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.


Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 m). This image is used as background image.
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Map produced by IABG released by e-GEOS on the 26/09/2024.

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Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha					150,9
Flooded area	ha					3,6
Estimated population	Number of inhabitants				~ 1.700	~ 7.300
Built-up	Residential Buildings	No. 0	63	0	63	180
	Police station	No. 1	0	0	1	1
	Fire station	No. 0	0	0	0	3
	Wholesale and retail trade buildings	No. 1	9	0	10	27
	Industrial buildings	No. 0	0	0	0	6
	Reservoirs, silos and warehouses	No. 0	4	0	4	5
	Public entertainment buildings	No. 0	0	0	0	1
	Museums and libraries	No. 0	1	0	1	2
	School, university and research buildings	No. 0	0	0	0	2
	Non-residential farm buildings	No. 1	24	0	25	145
	Buildings used as places of worship and for religious activities	No. 0	1	0	1	11
	Historic or protected monuments	No. 0	0	0	0	2
	Other buildings not elsewhere classified	No. 1	8	0	9	25
	Tent	No. 0	0	0	0	11
	Hotel buildings	No. 0	2	0	2	11
	Other short-stay accommodation buildings	No. 0	0	0	0	7
	Communication buildings, stations, terminals and associated buildings	No. 1	8	0	9	47
	Garage buildings	No. 8	10	0	18	45
	Unclassified	No. 39	358	0	397	1.971
Transportation	Primary Road	km 0,04	0,2	0,7	1,0	6,7
	Secondary Road	km 0	0,2	0,7	1,0	18,4
	Local Road	km 1,7	3,7	6,6	12,0	97,5
	Cart Track	km 0,8	0,3	1,3	2,5	73,4
	No Driveway	km 1,8	2,5	5,3	9,6	9,6
	Long-distance railways	km 0	0,02	1,0	1,0	5,7
Facilities	Settling Basin	ha 0	0	0	0	2,4
	Dams	ha 0,04	0	0	0,04	0,04
	Constructions for mining or extraction	ha 0	0	0	0	8,2
	Power plant constructions	ha 0	0	0	0	0,04
	Sport and recreation constructions	ha 0,8	0	0,6	1,4	9,0
	Long-distance pipelines, communication and electricity lines	km 0	0	0	0	0,03
	Local pipelines and cables	km 0	0	0	0	18,0
Land use	Heterogeneous agricultural areas	ha			75,2	661,4
	Other	ha			54,3	306,3
	Pastures	ha			11,8	1.059,8
	Shrub and/or herbaceous vegetation association	ha			11,0	168,7
	Forests	ha			1,6	1.146,7
	Arable land	ha			0,7	490,1
* Presence of damage proxies and proximity with destroyed/damaged asset						
** Sum of all damage classes						

Disclaimer:

Full disclaimer and other helpful information available in the online manual:
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>
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Data Access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2024), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 ©EuroGeographics.
 Inset Maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.
 FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal



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