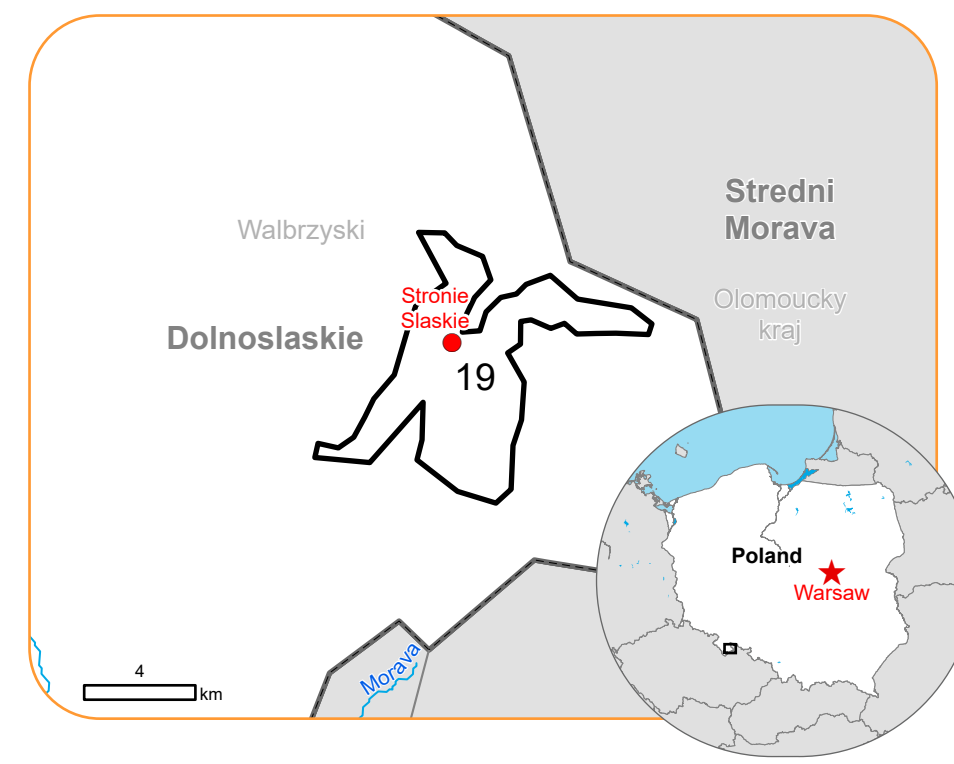




EMSR756 - AOI19
Flood in Poland
STRONIESLASKIE

Situation as of 23/09/2024 09:44 UTC

Grading - Overview map 01






Flooded area
15.6 ha




Potentially affected
population
~ 500


Affected Built-up and Transportations



Built-Up
238 No.




Road
12.1 km




Facilities
0.3 km
1.1 ha

Crisis Information




Flooded Area

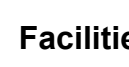


Flood trace

Built Up Grading

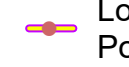


Destroyed




Damaged

Facilities Grading




Local pipeline or line,
Possibly damaged

Facilities Grading




Destroyed




Possibly damaged


Transportation Grading




Road, Destroyed



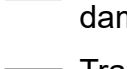
Road, Damaged



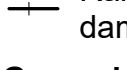
Road, Possibly damaged




Main road, No visible
damage



Local road, No visible
damage




Track, No visible




Railway, No visible
damage


General Information



Area of Interest




Detail map



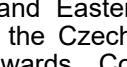
Not Analysed

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). This image is used as background image.
Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 23/09/2024 at 09:44 UTC, resolution 0.5 m).
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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 24/09/2024.

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

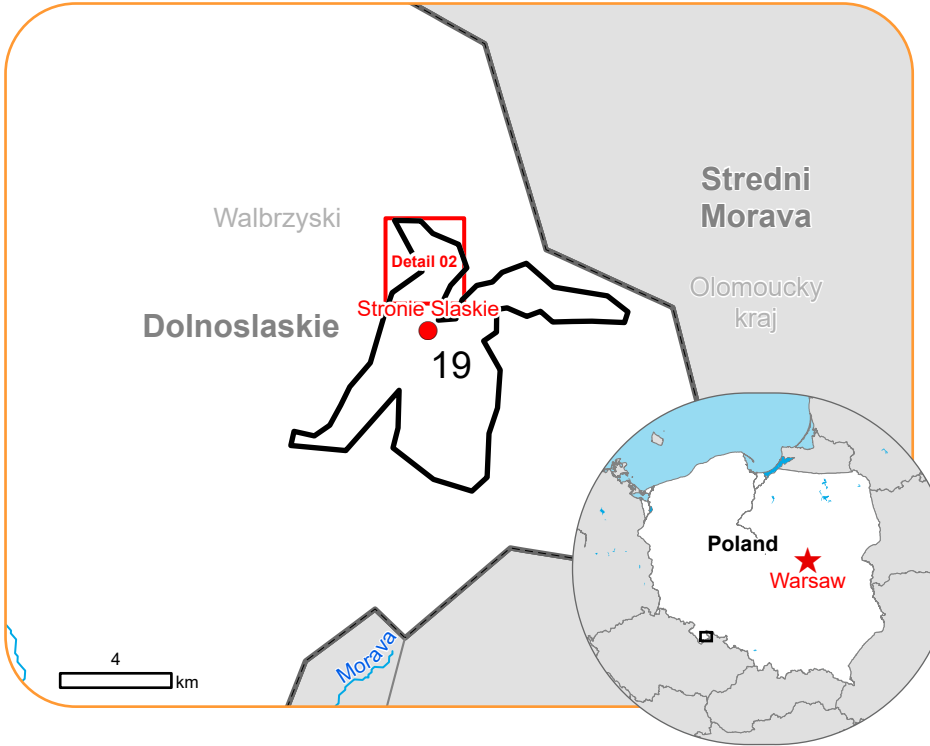


PROGRAMME OF THE
EUROPEAN UNION





Situation as of 23/09/2024 09:44 UTC
Grading - Detail map 02



Crisis Information	
Flooded Area	Local road, No visible damage
Flood trace	Track, No visible damage
Built Up Grading	
Destroyed	Railway, No visible damage
Damaged	
Facilities Grading	
Local pipeline or line, Possibly damaged	
Transportation Grading	
Road, Destroyed	
Road, Damaged	
Road, Possibly damaged	
Main road, 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.

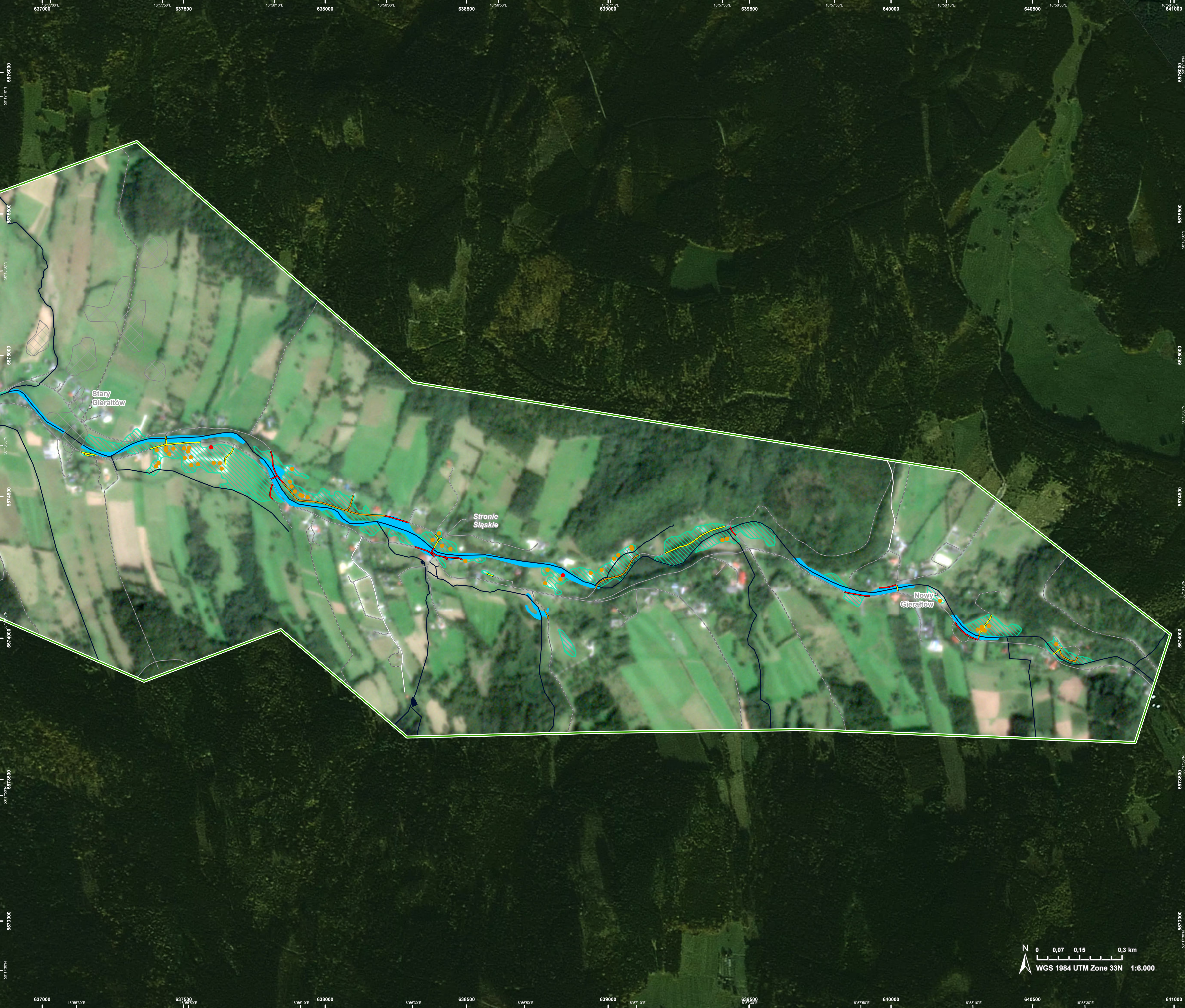
Data sources and analysis: Pre-event image: PlanetScope © Planet, 2024 (acquired on 30/08/2024 at 09:15 UTC, resolution 3.0 m). This image is used as background image.
Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 23/09/2024 at 09:44 UTC, resolution 0.5 m).
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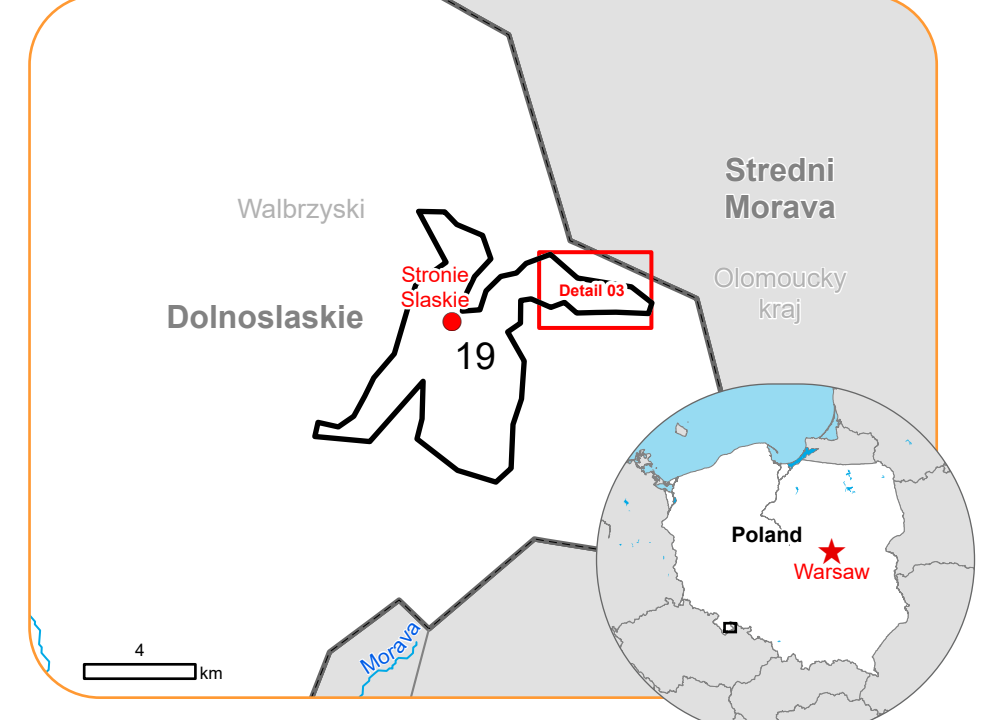






EMSR756 - AOI19
Flood in Poland
STRONIESLASKIE

Situation as of 23/09/2024 09:44 UTC
Grading - Detail map 03



- Crisis Information**
 - Flooded Area
 - Flood trace

Built Up Grading
 - Destroyed
 - Damaged


Transportation Grading
 - Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
- Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible**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.

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Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 23/09/2024 at 09:44 UTC, resolution 0.5 m).
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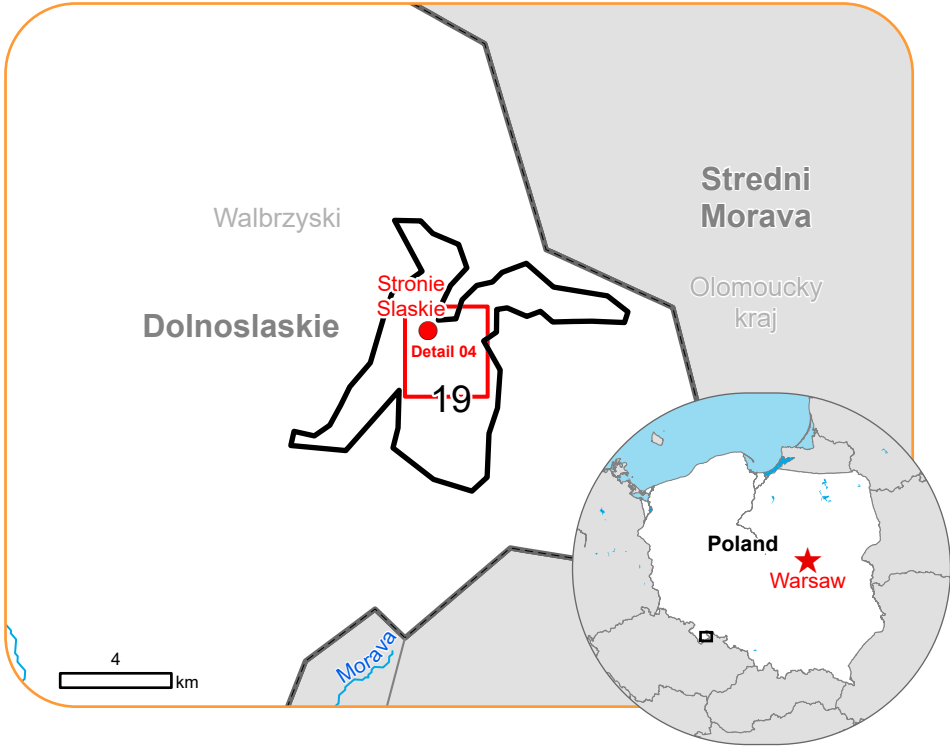
The thematic layer has been derived from post-event satellite image by means of visual interpretation.





EMSR756 - AOI19
Flood in Poland
STRONIESLASKIE

Situation as of 23/09/2024 09:44 UTC
Grading - Detail map 04



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Destroyed
- Damaged

Facilities Grading

- Local pipeline or line, Possibly damaged

Facilities Grading

- Destroyed
- Possibly damaged

Transportation Grading

- Road, Destroyed

- Road, Damaged
- Road, Possibly
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible
- 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.

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EMSR756 - AOI19
Flood in Poland
STRONIESLASKIE


Situation as of 23/09/2024 09:44 UTC
Grading - Detail map 05






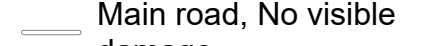
Crisis Information

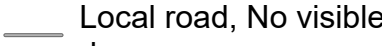
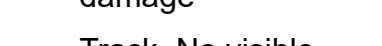
-  Flooded Area
-  Flood trace

Built Up Grading

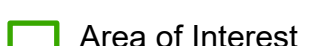

-  Damaged

Transportation Grading


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

-  Local road, No visible damage
-  Track, No visible


General Information

-  Area of Interest
-  Not Analysed

Placenames

-  Placename

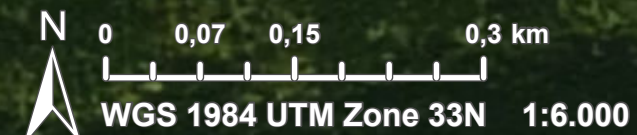
Hydrography

-  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.

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Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha					100,7
Flooded area	ha					15,6
Estimated population	Number of inhabitants				~ 500	~ 7.300
Built-up	Residential Buildings	No. 0	28	0	28	180
	Police station	No. 0	0	0	0	1
	Fire station	No. 0	0	0	0	3
	Wholesale and retail trade buildings	No. 0	4	0	4	27
	Industrial buildings	No. 0	0	0	0	6
	Reservoirs, silos and warehouses	No. 0	0	0	0	5
	Public entertainment buildings	No. 0	0	0	0	1
	Museums and libraries	No. 0	0	0	0	2
	School, university and research buildings	No. 0	0	0	0	2
	Non-residential farm buildings	No. 0	16	0	16	145
	Buildings used as places of worship and for religious activities	No. 0	0	0	0	11
	Historic or protected monuments	No. 0	0	0	0	2
	Other buildings not elsewhere classified	No. 0	4	0	4	25
	Tent	No. 0	0	0	0	11
	Hotel buildings	No. 0	1	0	1	11
	Other short-stay accommodation buildings	No. 0	0	0	0	7
	Communication buildings, stations, terminals and associated buildings	No. 0	5	0	5	47
	Garage buildings	No. 0	5	0	5	45
	Unclassified	No. 11	164	0	175	1.971
Transportation	Primary Road	km 0	0,1	0,6	0,7	6,7
	Secondary Road	km 0	0,1	0,2	0,3	18,4
	Local Road	km 1,0	2,0	3,7	6,7	97,5
	Cart Track	km 0,2	0,9	1,0	2,1	73,4
	No Driveway	km 0,2	0,7	1,2	2,2	2,2
	Long-distance railways	km 0	0	0	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	0	1,1	1,1	9,0
	Long-distance pipelines, communication and electricity lines	km 0	0	0	0	0,03
	Local pipelines and cables	km 0	0	0,3	0,3	16,0
Land use	Heterogeneous agricultural areas	ha			77,5	661,4
	Shrub and/or herbaceous vegetation association	ha			13,6	168,7
	Other	ha			11,5	306,3
	Pastures	ha			11,2	1.059,8
	Forests	ha			2,0	1.146,7
	Arable land	ha			0,5	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>
 © European Union / Copernicus Emergency Management Service

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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