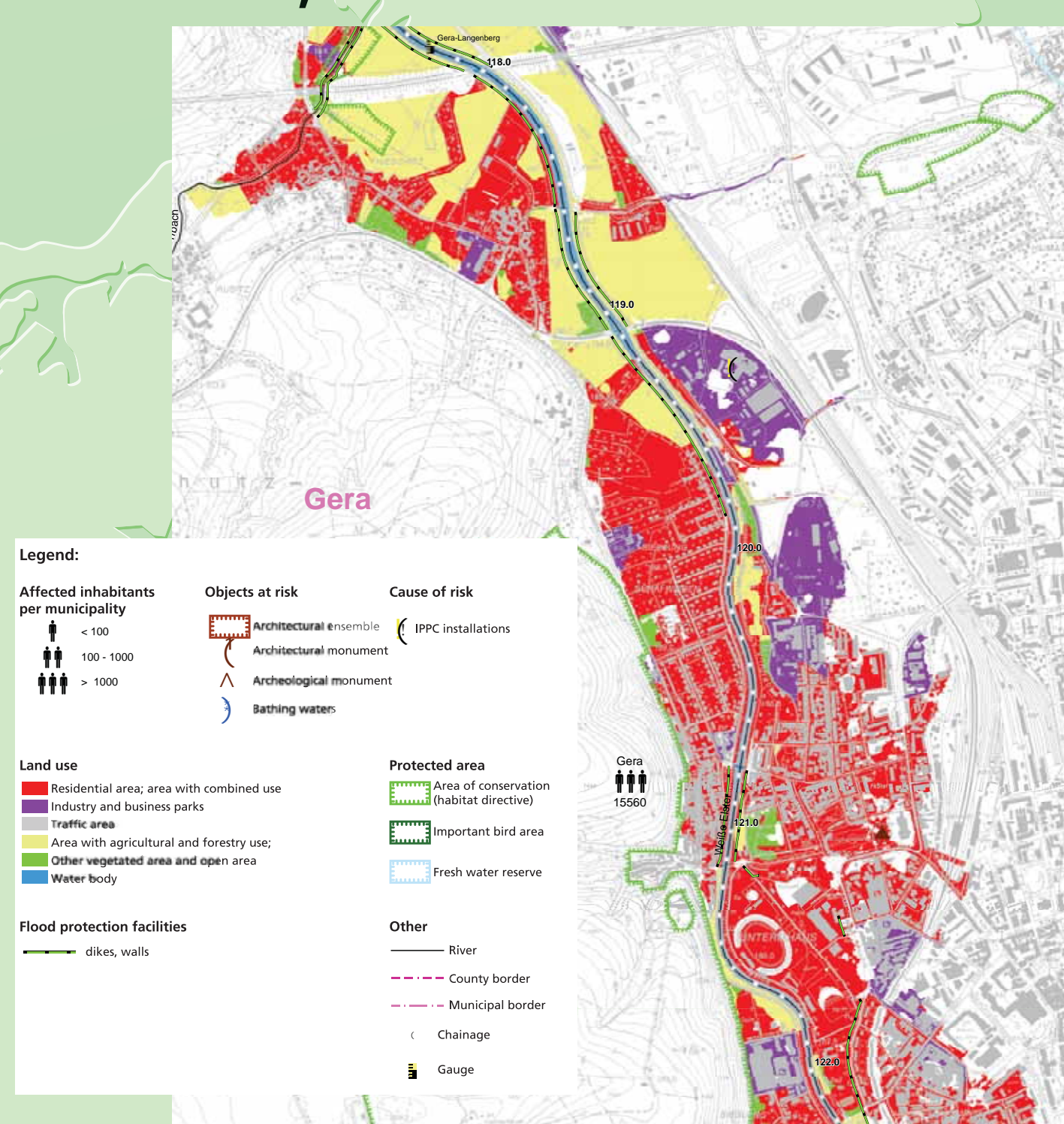


New flood maps – geographical information about flood hazards and flood risks

Flood hazard maps use various calculated flood scenarios to provide information about flood areas, water depths and existing flood control systems. The **flood risk maps** present the types of usage in the flood areas, the affected residents and protected areas as well as industrial plants and monuments at risk.

Flood risk maps 1:10,000



Detail of a flood risk map for the White Elster River with flood areas during extreme flooding.

Municipal flood information maps use the flood hazard and flood risk maps to provide additional important information and details for municipal flood control planning and emergency services. They are also used in flood management systems.

Matrix for identifying hazard zones
on the basis of
Bundesamt für Wasserwirtschaft (BWW), Bundesamt für Raumplanung (BRP),
Bundesamt für Umwelt und Landschaft (BULF)
Einkartungen 1957 (Zuschneidung der Hochwassergefahren bei normalem Wasser-
standstage, 1957)

Intensity

high	II	III	IV	V
medium	II	III	IV	V
low	II	III	IV	V
	II	III	IV	V

Return period

II	III	IV	V
II	III	IV	V
II	III	IV	V
II	III	IV	V

Flood information

○ Distribution of 100-yearly flooding when technical flood protections are taking place (protected area at 100-yearly flood)

The map displays the Rhine river and its tributaries, with various flood zones and return periods indicated. Key features include:

- Hochwasser** (High Water) zones in yellow and orange.
- Am Schönbach** (At Schönbach) area with a return period of 100 years.
- Aller Rauten Eck** (Aller Rauten Eck) area with a return period of 100 years.
- Ranger** (Ranger) area with a return period of 100 years.
- Hochwasserwehr** (High Water Weir) structures marked with black dots.
- Hochwasserwehr** (High Water Weir) structures marked with black dots.
- Hochwasserwehr** (High Water Weir) structures marked with black dots.

Detail of the municipal hazard zone map for Glauchau.

- Thuringian Ministry of Agriculture, Forestry, Environment and Nature
- Conservation, Department of Hydrology, Water Protection, River Basin Management
- Saxony State Office of Environment and Geology, State Flood Center / Hydrology Department