

Ways to use the Mundaring Big Map



More than just a map, the 11sqm Mundaring Big Map is an interactive tool that brings people together to learn, plan and prepare. From emergency services training and community engagement to youth education and recovery planning, it helps strengthen local knowledge, preparedness and resilience.

Emergency Services Training and Planning

- » Scenario exercises – simulate bushfire, flood, storm and heatwave events to test local response capabilities.
- » Interagency coordination – support a shared operational picture between local government, police, fire services, SES, ambulance and health agencies.
- » Resource mapping – identify critical infrastructure, evacuation routes, staging areas and vulnerable assets.
- » After-action reviews – use the map after an incident to review outcomes, identify gaps and improve future planning.

Community Engagement

- » Understanding local risks – help communities visualise local hazards and areas of vulnerability.
- » Knowledge sharing – capture local stories, lived experience and historical hazard knowledge.
- » Preparedness activities – support discussions about preparing for, responding to and recovering from severe weather events.
- » Building connections – bring together residents, businesses, volunteers and community groups in a collaborative environment.

Youth Engagement and Education

- » Schools and youth groups – deliver interactive workshops that build hazard awareness and preparedness.
- » STEM learning opportunities – connect mapping and data analysis to science, technology, engineering and mathematics
- » Youth-led solutions – empower young people to develop preparedness initiatives and resilience projects.
- » Inspiring future leaders – foster leadership, critical thinking and community involvement.

Community Planning and Recovery

- » Local government planning – support disaster risk reduction, emergency management and community resilience strategies.
- » Recovery planning – engage communities after disasters to reflect on impacts and co-design future solutions.
- » Infrastructure and land-use planning – explore how development, services and environmental management influence local risk.

Thank you to Disaster Relief Australia for supplying us with the map, and running our initial sessions.

For more information or to discuss using the Mundaring Big Map, please contact the Shire's Emergency Management Team by calling 9290 6696 or email fse@mundaring.wa.gov.au