



## Introduction

# What is the Asahikawa City Disaster Prevention: The "Mato-Map" All-in-One Guide?

Disasters can happen anytime and anywhere. To protect your life from natural disasters such as heavy rain, typhoons, and earthquakes—which have become more severe and frequent in recent years—it is vital to gain disaster prevention knowledge and prepare daily. When a disaster occurs or is imminent, it is important to act quickly with the mindset that "you are responsible for your own safety." The "Asahikawa City Disaster Prevention: The Mato-Map All-in-One Guide" was created to combine the "Flood Hazard Map," "Inland Flooding Hazard Map," and "essential knowledge and countermeasures" into a single volume. Please keep this guide near your emergency carry-out bag and use it within your family and community.

Storm, Flood, and Sediment Disasters

Hazard Map

Snow Disasters

Earthquake Disaster

Power Outage

Disaster Prevention Information and Preparedness

List of Evacuation Centers and Facilities



### All in This One Guide!



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## Disaster Risks in Asahikawa City

What types of disasters are anticipated in Asahikawa City? Please refer to the following pages for countermeasures for each disaster listed in the "Disaster Risk Table" below.

Disaster Risk	
Storm and Flood Damage Sediment Disasters	Asahikawa is a "City of Rivers," with major and minor rivers such as the Ishikari, Chubetsu, Biei, and Ushubetsu Rivers flowing through the urban center. In addition to river flooding, there are risks of sediment disasters, inland flooding, lightning, and sudden gusts of wind.
Earthquake	Direct-hit earthquakes can happen anywhere in Japan. If a magnitude 6.9 earthquake were to occur directly under the city, it is predicted that extremely strong shaking of JMA seismic intensity 4 to Upper 6 would occur.
Snow Disasters Power Outage	There is a risk of power outages caused by snowstorms and various other disasters.
Volcanoes	Active volcanoes near Asahikawa include Mt. Tokachi and Mt. Daisetsu. Due to the geographical distance, the risk of impact from large volcanic blocks, pyroclastic flows, or snowmelt volcanic mudflows is considered low. However, there is a risk of transportation disruptions, disruptions to essential utilities (lifelines), and health issues caused by falling ash.

## The Flood Hazard Map Has Been Updated A New Inland Flooding Hazard Map Has Been Created



### Flood Hazard Map

In recent years, water disasters have become more severe and frequent due to climate change. Significant flooding has occurred even along small and medium-sized rivers that were previously not covered by Hazard Maps. In response, we have created a new Flood Hazard Map reflecting the flood-prone areas of 38 such rivers.

### Inland Flooding Hazard Map

The "Mato-Map" includes an Inland Flooding Hazard Map that displays predicted damage from inland flooding along with information on evacuation sites. For more detailed information regarding inland flooding, please refer to the next page.

#### What is Inland Flooding?

A phenomenon where rainwater cannot be fully drained, causing water to overflow from sewage systems and other drainage channels.