Landslide Hazard Map
Oyama area

Toyama City

N

Tsukioka Junior High School
Kaminunome
Osyo
Oyama General Sports Center
Kamidaki Junior High School
Oyama Community Gymnasium
Kamidaki Elementary School
Daisenji Parking
Monjuji Community Hall
Fukusawa Elementary School
Oyama Farm Village Environment Improvement Center
Toyama University of International Studies Ground
Oyama Camellia Golf Course Parking
Chuo Agricultural High School Ground
Kurumigahara Village Center
Hio Community Hall (Fomer Seto Village Center)
Okada Community Hall (Former Kamidaki Community Hall Okada Branch)
Maki Community Hall
Omi Elementary School
Hokuriku Electric Power Company Heliport
Hokuden Omi Ground
A Clear Space within Kamegai
Oyama B&G Marine Center Gymnasium
Hokuriku Electric Power Omata Dam
Kumanogawa Dam

25.Fukusawa District 1
26.Fukusawa District 2
27.Fukusawa District 3
28.Fukusawa District 4
29.Fukusawa District 5
30.Kamidaki District 1
31.Kamidaki District 2
32.Kamidaki District 3
33.Omi District 1
34.Omi District 2

Tsukioka
Funakura
Fukusawa
Kamidaki
Omi
Shita-Hokubu

Jozai Gakuchi Canal
Joganji River
Kurokawa River
Kumano River
Anzo River
Kurumigahara River
Ozanami River
Ogushi River
Ushinokubidani River
Wada River

Toyama Chihou Railway Tateyama Line
General Prefectural Road Oyama-Chikuhoku Line
Main Local Road Tateyama-Yamada Line
General Prefectural Road Toyama-Kamiichi-Tateyama Line
General Prefectural Road Arayashiki-Sakuragaoka Line
Main Local Road Ohnaka-Ozanami Line

S=1：25,000
0 500 1000 1500 2000m

Kamidaki District

List of Facilities

Facility Name	Address	Phone Number
Kamidaki Elementary School	517 Kamidaki	076-483-1726
Kamidaki Junior High School	160 Nakadaki	076-483-1521
Monjuji Community Hall	1300-4 Monjuji	076-483-1633
Okada Community Hall (Former Kamidaki Community Hall Okada Branch)	781 Okada	—
Maki Community Hall	814 Maki	076-481-1548
Daisenji Parking	Within Oyama-Uwano	—
Hokuriku Electric Power Omata Dam	Within Nakachiyama	—
Kumanogawa Dam	Within Teide	—

Evacuation sites marked with ! are located within the Landslide Special Hazard Areas.
Please note that they may not be opened as evacuation sites.

Omi District

List of Facilities

Facility Name	Address	Phone Number
Omi Elementary School	250 Omi	076-482-1036
Oyama B&G Marine Center Gymnasium	12 Hongu	076-481-1135
Hokuriku Electric Power Company Heliport	within Omi aza Maruyamawari	—
Hokuden Omi Ground	within Omi	—
A Clear Space within Kamegai	within Kamegai	—

Evacuation sites marked with ! are located within the Landslide Special Hazard Areas.
Please note that they may not be opened as evacuation sites.

Fukusawa District

List of Facilities

Facility Name	Address	Phone Number
Oyama Farm Village Environment Improvement Center	1818 Higashi-Fukusawa	076-483-3230
Fukusawa Elementary School	46-4 Higashi-Fukusawa	076-483-1857
Kurumigahara Village Center	626-1 Kurumigahara	—
Hio Community Hall (Fomer Seto Village Center)	214-1 Hio	—
Toyama University of International Studies Ground	Within Higashi-Kuromaki	—
Oyama Camellia Golf Course Parking	within Higashi-Fukusawa	—
Chuo Agricultural High School Ground	within Higashi-Fukusawa	—

Evacuation sites marked with ! are located within the Landslide Special Hazard Areas.
Please note that they may not be opened as evacuation sites.

How to read this map

- Designated emergency shelters
- Emergency heliport
- Facilities for people requiring special care
- Emergency wireless system
- District border
- Evacuation direction

Landslide Alert Area
- Landslip (collapse of land on steep slopes) Special Alert Area
- Mudslide Special Alert Area
- Landslide

About the "Landslide Hazard Map"

What is a "Hazard Map"?

A hazard map is a map that shows areas at risk of natural disasters and evacuation locations to help residents evacuate safely during emergencies.
Check the hazard map with your family or neighbours to be ready in case of an emergency. You can check the time it takes to reach evacuation sites on the city's website.
This hazard map focuses on **Landslides**.

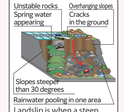
Toyama City website QR code

QR Code is a registered trademark of DENSO WAVE INCORPORATED.

What are Landslides?

It is classified into three types: **Landslip**, **Mudslide**, and **Landslide**.
If you notice signs of a landslide or its early warnings, please contact city hall.

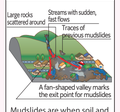
Landslip



Landslip is when a steep slope suddenly collapses due to rain, snowmelt, or an earthquake.
Because it happens suddenly, many people may not be able to evacuate their homes in time causing serious injuries or loss of life.

Signs of Disaster
- Water from the slope becomes cloudy.
- Small stones start falling from the slope.
- You hear the sound of tree roots snapping.
- Cracks appear in the cliff.

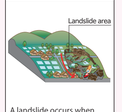
Mudslide



Mudslides are when soil and rocks from mountains or rivers mix with water and flow rapidly downhill due to heavy rain. The flow speed varies but can quickly destroy houses and farmland.

Signs of Disaster
- The river water becomes cloudy and driftwood can be seen.
- Even though it's still raining, the river's water level suddenly drops.
- A rumbling sound comes from the mountain.
- There is a smell of decaying soil.

Landslide



A landslide occurs when rain or snowmelt seeps into the ground, causing slopes to slide intermittently. Because the volume of soil that moves is large, landslides can cause severe damage. Once they start, stopping them completely is very difficult.

Signs of Disaster
- Water bursts out from the slope.
- Cracks or steps from in the ground
- Trees fall over.
- Water in streams or wells becomes cloudy.

About the "Disaster Preparedness"

Mindset and Preparation

Hold a family emergency meeting!
Discuss what to do in times of disaster,(such as how to contact each other and how to evacuate)

Know the dangerous spots!
Check for dangereous spots around your home and along evacuation routes in your daily life.

Note signs of disaster
If you notice signs of disaster of landslides, stay away and contact the Toyama City Hall.

Know how to evacuate!
Run away at right angles to mudslides because they flows too fastly.

Watch out for rainfall!
Be careful about disasters when strong rainfall exceeds 20 mm per hour or heay rainfall exceeds 100 mm from the start of the rainfall.

Help each other!
Let's help residents living alone,the elderly and residents with disabilities.

Prepare Emergency Supplies!
Prepare Emergency Supplies to take with you when evacuating in advance.

Clothes	Tools	Medical supplies	Emergency food
Underwear, Socks, Seasonal clothes, Work gloves, Rain gear, bed sheet(as Bandages), etc.	Portable radio, Flashlight, Paper cups, Plates, Candles, Towels, Soaps, Tissues, Strings, Ropes, Wires, Knife, Tarp, Lighters, Newspaper(for Rugs, etc.), Portable battery pack, etc.	First-aid kit (Sling, Gauze, Adhesive plaster, Thermometer, Antiseptic solution, First aid medicine, etc.), Prescription records, Masks, etc.	Bottled water, Canned food, Pre-packaged food, etc.

Valuables
Cash, Bank books, Seal (inkan), Title deed, etc.

Prevention of Infectious Diseases

During a disaster, the risk of infectious disease is higher. Sanitation is especially important in evacuation sites.

Cough etiquette
- If you have a mask : Wear a mask properly.
- If you don't have a mask : Cover your mouth and nose with tissues.
- If you don't have tissues : Cover your mouth and nose with your arms.

Wash your hands
Wash your hands frequently. If the water does not come out, take an extra amount of alcohol disinfectant in your hand and wipe it off with a paper hand towel.

Toilet
Wipe the toilet seat before and after use.

Where to evacuate to?
- Evacuation sites designated by Toyama City
- Relatives' or acquaintances' homes
- Hotels and inns
- Safe place at home

Do not stay within areas at risk of landslides.

There is a space on the map to write down the evacuation site.
Designated evacuation sites, etc.

About the "Information on Evacuation"

How to obtain Landslide Alert Information

Landslide Alert Information is issued by Toyama Prefecture and Toyama Local Meteorological Observatory when Heavy Rain (landslide) Warning is in effect and the possibility of landslides increases. You can check relevant information on the **Toyama Prefecture Landslide Alert Information Support System.**
Please gather information on evacuation as follows.

Heavy Rain (landslide) Warning is in effect — Issued by Toyama Local Meteorological Observatory
Landslide Alert Information is in effect — Issued by Toyama Prefecture and Toyama Local Meteorological Observatory

Check risk of landslides in your area from Risk Map of the Toyama Prefecture Landslide Alert Information Support System.
Risk of landslides are in 1 km mesh units.
You can see the mesh number on the map.

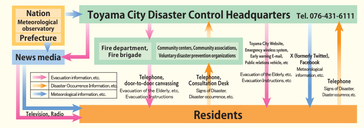
Available on the Internet

Risk of landslides		
Alert level 4 equivalent	Extreme risk	Landslide Alert Information Level (Actual)
	High risk	Landslide Alert Information Level (Forecast)
Alert level 3 equivalent	Warning	Soil Water Index at Heavy Rain (landslides) Warning Level (Actual or Forecast)
Alert level 2 equivalent	Caution	Soil Water Index at Heavy Rain Advisory Level (Actual or Forecast)

The situation is ever-changing. Check frequently for the latest information.

Risk of landslides
- Alert level 3 equivalent: It could move on Alert level 4 equivalent (purple or dark purple).
  - Note the change in Risk of landslides.
  - Prepare to evacuate.
- Alert level 4 equivalent (purple or dark purple): The Evacuation Information Alert Level may be subject to "Evacuation of the Elderly, etc." (Alert Level 3) or "Evacuation Instructions" (Alert Level 4).
  - Check evacuation information on the Toyama City website.
  - Not subject to evacuation: There is an increasing possibility that the Evacuation Information Alert Level will be subject to "Evacuation of the Elderly, etc." (Alert Level 3) or "Evacuation Instructions" (Alert Level 4).
    - Prepare to evacuate. Voluntary shelters may be open.
    - Take note of the information issued by Toyama City.
  - Subject of evacuation
    - Start evacuation immediately.

Route of information transmission during a disaster



About the "Disaster Prevention Information"

Gathering information via the Internet, etc.

Gather and utilize useful information on the Internet to protect yourself.

Toyama City Website PC/Mobile phone
You can check emergency information about disasters, evacuations, etc.
PC/Mobile phone https://www.city.toyama.toyama.jp/index.html

TOYAMA BOUSAI WEB PC/Mobile phone
Weather, Meteorology Earthquake, Tsunami, Volcano, Nuclear Information, Landslides, river
PC/Mobile phone https://preftoyama.secure.force.com/bousai2/TBW_VF_Main

Real-time Risk Map PC/Mobile phone
You can check risk of disasters caused by heavy rain and flooding.

Social media, etc. PC/Mobile phone
You can check information about disasters and evacuations on your computer, cell phone or smart phone.
Toyama City Disaster Prevention X (formerly Twitter)
PC/Mobile phone https://twitter.com/bousai_toyama
Yahoo! Disaster Prevention App

Toyama City Early Warning E-mail E-mail
Information about disasters and evacuations will be distributed to cell phones within Toyama City. No pre-registration required
Distributed Information
Toyama City : Evacuation, Other urgent and important information
JMA : Earthquake Early Warning, etc.
FDMA : Ballistic Missile Warning, etc.

Toyama Prefecture Landslide Alert Information E-mail Service E-mail
https://www.sabo.pref.toyama.lg.jp/mail/index.html
You will receive an E-mail when Toyama Prefecture Landslide Alert Information is issued.
Application E-mail address
PC/Mobile phone entry@sabo.pref.toyama.lg.jp
Send a blank E-mail to this address.
You will receive an E-mail for registration.

Information about safety confirmation

Disaster Emergency Message Dial 171

Record	How to record messages	Play	How to play the messages
	Dial 171		Dial 171
	Press 1		Press 2
	Enter your phone number including the area code		Enter your phone number including the area code
	Record your message		Play the message for you

Mobile phone company's disaster message board
NTT docomo
SoftBank
KDDI (au)
Rakuten Mobile

Inquiries about this hazard map
- Landslide Alert Areas or Landslide Special Alert Areas ..... River Improvement Div., Public Works Construction Dept, Toyama City TEL: 076-443-2221
- Evacuation ..... Disaster Prevention and Risk Management Div., Disaster prevention Risk Management Dept. Toyama City TEL: 076-443-2120