

Kimobetsu Town Disaster Prevention Hazard Map

(Floods, Landslides, and Evacuation shelters)



Revised November 2023

This hazard map is based on a projected maximum rainfall of 425mm over two days.

Please check dangerous areas in advance-your safety depends on it!












Information regarding this disaster prevention hazard map




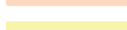

Map of areas expected to be inundated by floods(maximum expected scale)

Legend for the flood inundation area map

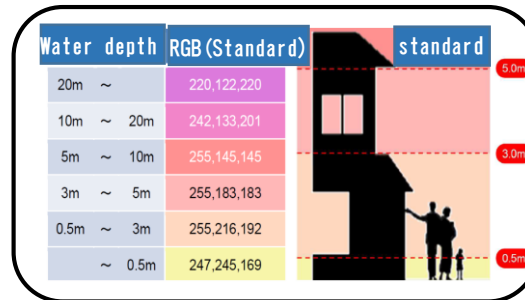
[Disaster prevention hazard map legend]

- Legend**
-  Steep slope collapse (Caution area)
 -  Steep slope collapse (special alert area)
 -  Landslide (warning area)
 -  Landslide (hazard zone)
 -  Areas where flooding is Expected to cause house collapse, etc. (areas where early evacuation is required)
 -  Evacuation sites and shelters
 -  Welfare shelter
 -  Facilities for people with special needs in Landslide-prone areas
 -  Facilities for people with special needs in areas expected to be flooded

Legend
Estimated water depth (classification) in case of flooding

-  20.0m or more
-  Area between 10.0m and less than 20.0m
-  Area between 5.0m and less than 10.0m
-  Area between 3.0m and less than 5.0m
-  Area between 0.5m and less than 3.0m
-  Areas less than 0.5m
-  Areas expected to be flooded River with water level notification

[Image of flood depth using flood inundation colors]



[Legend for designated evacuation shelters, etc]



[Designated shelters]

This facility is intended to protect evacuees in the event of large-scale disasters such as earthquakes, wind and floods.



[Designated emergency shelters]

These are evacuation sites for emergency evacuation in the event of imminent danger from earthquakes, wind and flood damage, etc.



[Designated Shelter and Designated Emergency Shelter]

Specified areas within the same site



[Welfare Shelter]

This is a shelter where specialized care and welfare considerations are given to the elderly and people with disabilities who have difficulty living in regular shelters.

1. Description

- (1) Highlights areas in Kimobetsu Town expected to be flooded under maximum anticipated rainfall, in accordance with the Flood Control Act.
- (2) Based on a simulation of flood conditions if the Shiribetsu River overflows, reflecting channel and runoff control facilities as of March 2018.
- (3) Simulation excludes flooding from tributary collapse, rainfall beyond assumptions, and inland water accumulation.
Actual conditions may vary.

2. Basic information

This disaster prevention hazard map was created based on the following materials.

- (1) Drawing name: Shiribetsu River System Shiribetsu River Kimobetsu River Flood Inundation Projection Area Map (Planned Scale) (Kyogoku Town, Kimobetsu Town) Dated July 13, 2018 [Hokkaido Official Gazette No. 3000]

Shiribetsu River system, Kimobetsu River Flood inundation predicted area
(maximum predicted scale)
Dated April 15, 2022

- (2) Prepared by: Hokkaido Shiribetsu Regional Development Bureau

Debris flows, landslides, etc.

1. Debris flow danger streams: Streams with a valley topography a riverbed gradient of three degrees or more, where conservation houses are currently located or where residential sites are expected to be built.
2. Areas at risk of collapse due to steep slopes: Areas with a slope of 30 degrees or more and a height of 5m or more, where residential buildings are currently located or where residential buildings are expected to be built.
3. Landslide: A phenomenon in which a part of the land on a gentle slope gradually moves downward. The area is protected by existing houses and is expected to become a residential area.
4. Landslide warning areas are areas where the lives or bodies of residents could be endangered if a landslide occurs.
5. Special landslide warning zones are areas where, in the event of a landslide, damage to buildings is likely to occur and serious harm to life and limb is likely to occur.
6. If you live in a landslide danger zone, be careful during heavy rain, etc., and evacuate early if you sense danger.
7. Landslides can occur even in areas outside of landslide warning zones, so be sure to check the slopes, streams, and evacuation sites around your home.

Disaster prevention weather information released in stages and actions that residents should take

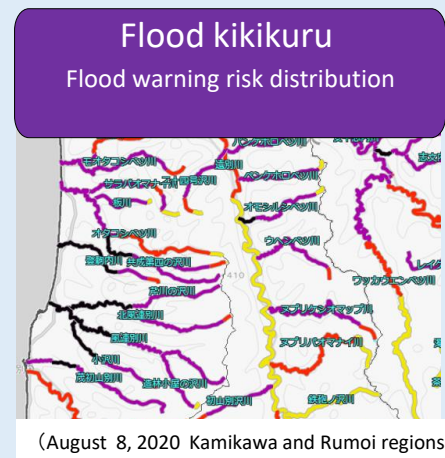
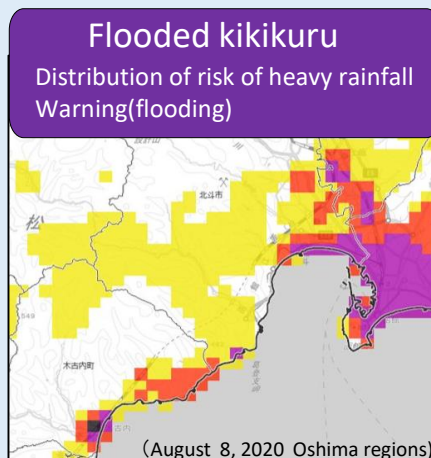
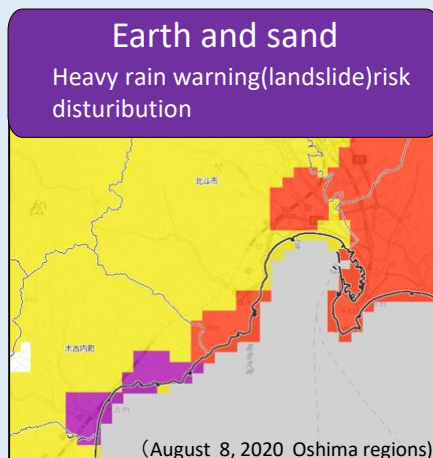
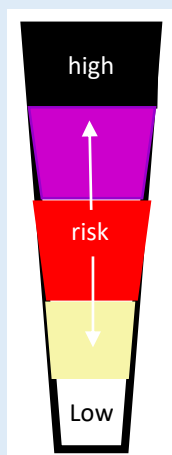
◎Using Weather Alerts

★Habitually gather disaster information. ★Evacuation Guidelines(Cabinet Office, May 2021)

| Alert Level | Actions residents should take | Responses by municipalities | Information from the Japan Meteorological Agency,etc. | | | | Equivalent Alert Level |
|------------------------------------|---|---|--|---|--|---------------------------------------|------------------------|
| 5 | Life-threatening Immediate safety action → Safe evacuation is already difficult and lives are in danger. A safer place than where you are now Immediately to | Emergency safety assurance →Information that will definitely be issued | heavy rain Special Alerts | | Kikikuru (Risk level Distributed) | flood Occurrence information | Level5 |
| < Be sure to evacuate by level 4 > | | | | | | | |
| 4 | Evacuate everyone from dangerous areas → Comparable to the occurrence of major disasters in the past Situation Evacuation should be completed by this stage. If a typhoon or other strong wind is expected,complete Evacuation before the strong wind begins to blow. | Evacuation Order →The 4th Disaster Prevention System Disaster Countermeasures Headquarters Measures | Landslide Warning information | High tide alarm High tide special alarm | Extremely dangerous Very danger | Flood risk information | Level4 |
| 3 | Elderly people and others should evacuate from dangerous places →People other than the elderly should also refrain from their usual activities as necessary. Prepare to evacuate or evacuate on your own. | Evacuation of elderly people, etc. →the 3rd Disaster prevention System Issue an evacuation order A system that can make decisions | Heavy Rain Flood Warning | Warnings likely to be upgraded to storm surge warnings | Alert (alert level) | Flood Alert Intelligence | Level3 |
| 2 | Check your own evacuation actions →Hazard map for your home It is important to reaffirm the actual disaster risks and means of obtaining evacuation information . | Second Disaster Prevention System →A system to decide whether to issue an evacuation order,for elderly people,etc. The first disaster prevention system →Assign a liaison officer | High possibility of switching to a heavy rain warning Heavy rain Notice Flood Notice | High tide Notice | Caution (Caution information) | Flooding Attention intelligence | Level2 |
| 1 | Improving disaster preparedness | Take your mental preparation to the level Confirmation of staff contact system | Early warning Information (Possibility of Warning level) | | | | |

「Kikikuru(Warning Risk Distribution)」

Check the risk of landslides, flooding, and flood warnings by color on the map



Kikikuru near Kimobetsu Town



Landslides



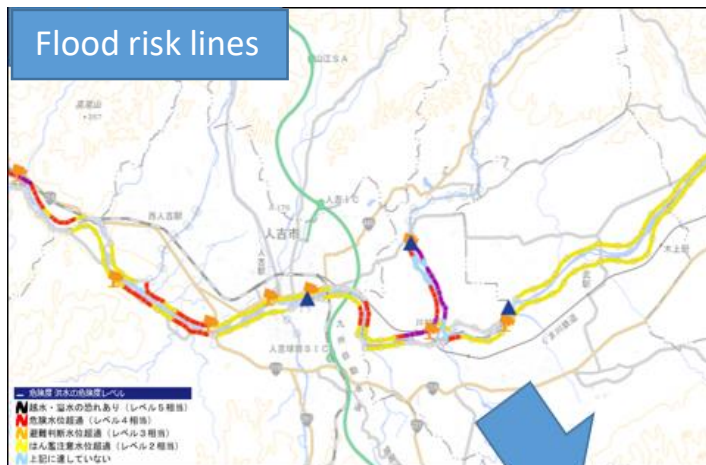
Flooded damage



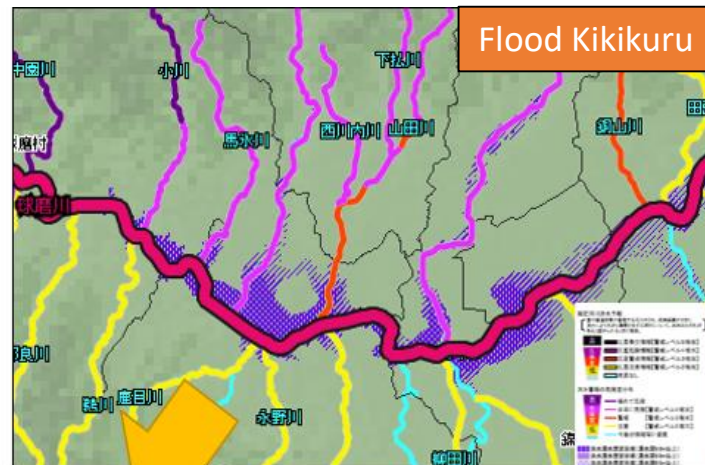
Flood damage

Integrated display of flood risk information

「Flood risk distribution of nationally managed rivers」
(Flood risk lines)
Communicating the detailed risk of overflow and flooding of major rivers



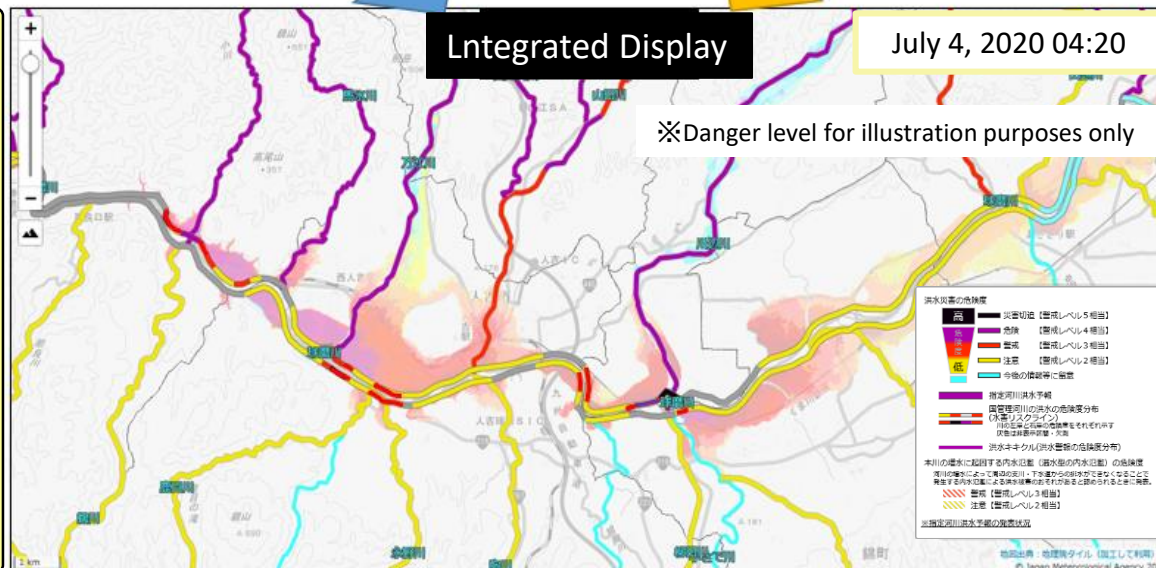
「Flood Warning Risk Distribution」
(Flood Kikikuru)
Communicating the risk of flooding in small and medium-sized



Integrated Display

July 4, 2020 04:20

※Danger level for illustration purposes only



Local government Residents
Detail risk information

Flood Kikikuru
(Japan Meteorological
Agency website)

One-stop check

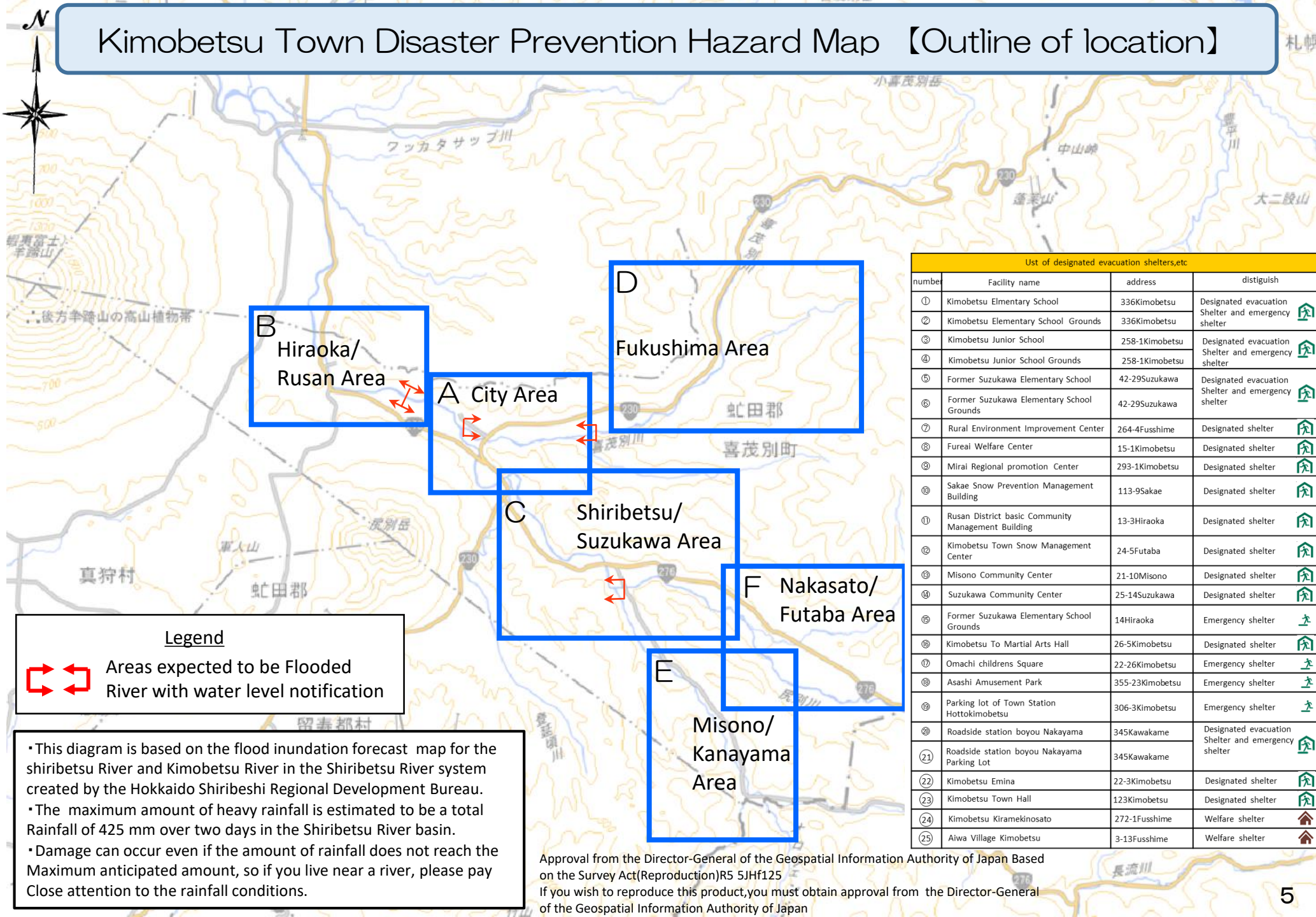
Starting in February 2023

Flood Kikikuru
Every 10 minutes
Update to latest information



Kimobetsu Town Disaster Prevention Hazard Map 【Outline of location】

札幌



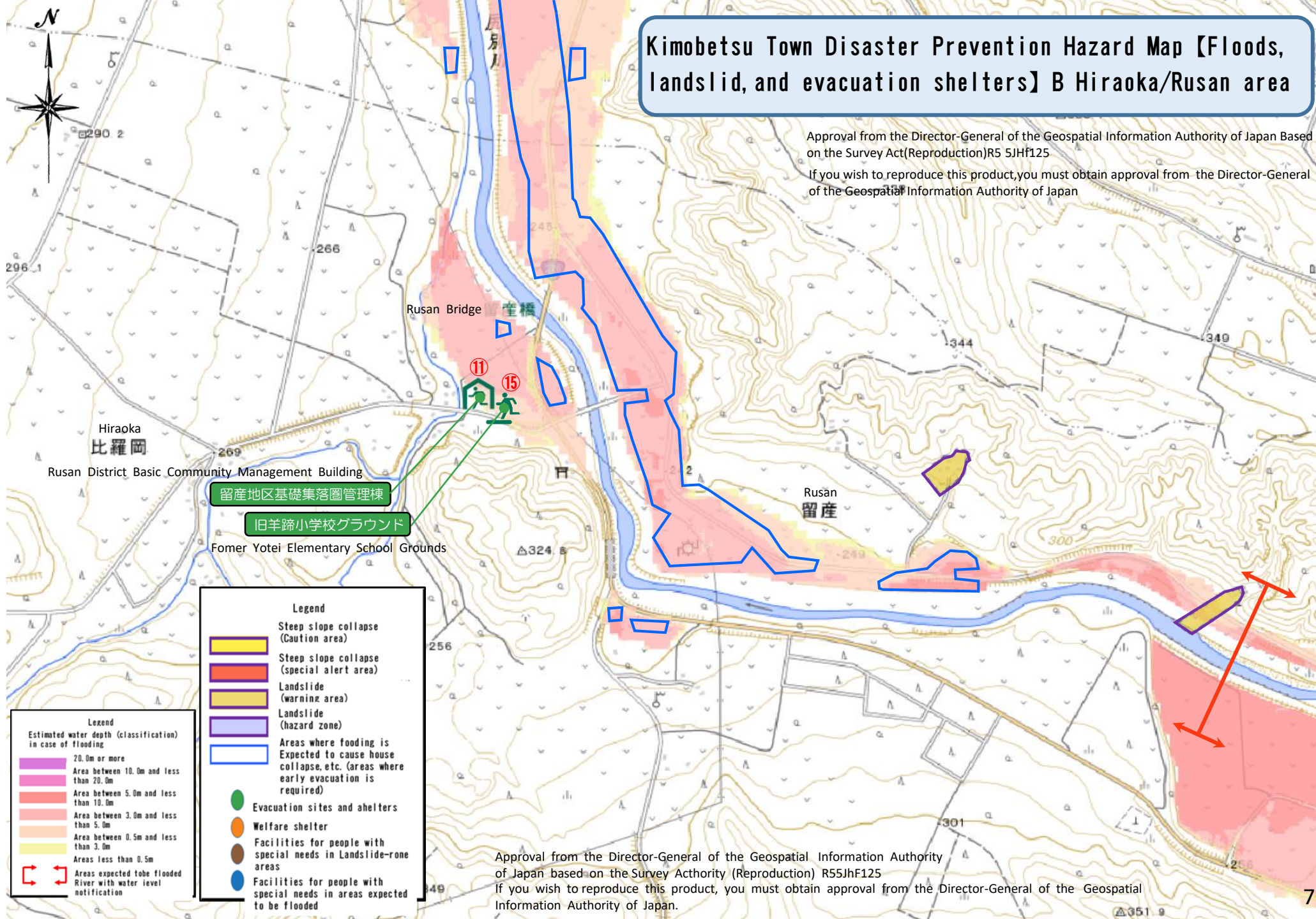
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Kimobetsu Town Disaster Prevention Hazard Map [Floods, landslid, and evacuation shelters] B Hiraoka/Rusan area

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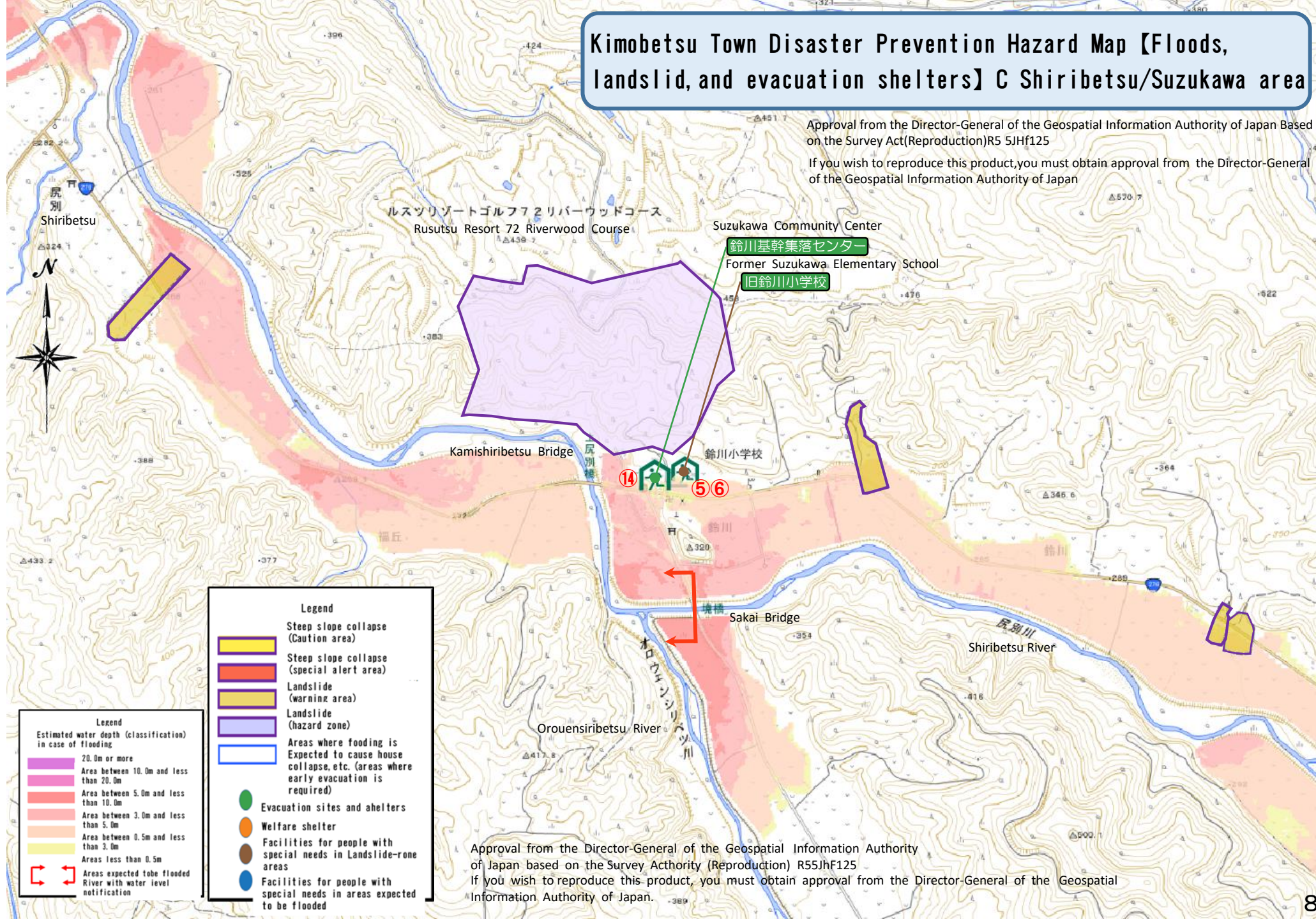
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Kimobetsu Town Disaster Prevention Hazard Map [Floods, landslid, and evacuation shelters] C Shiribetsu/Suzukawa area

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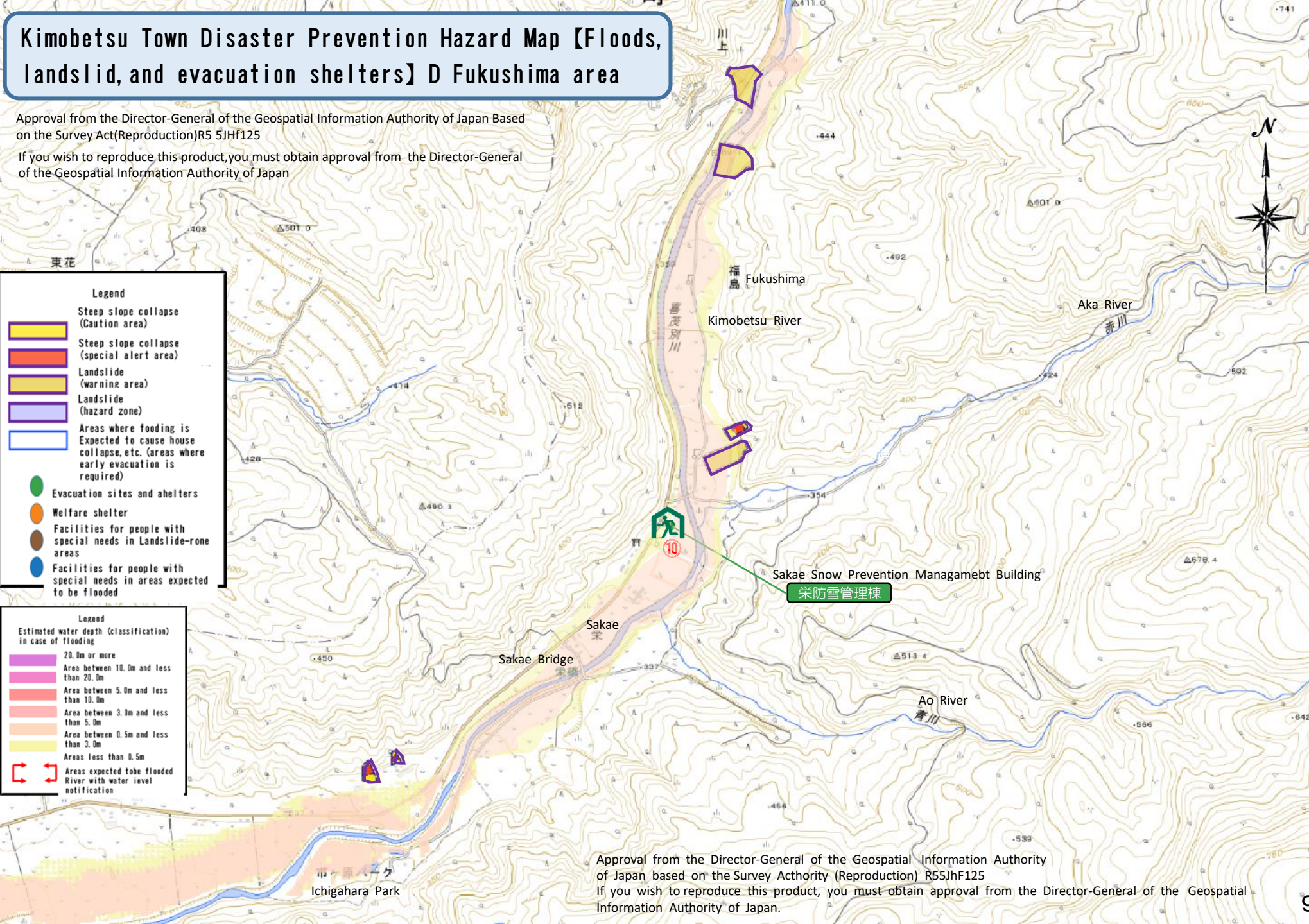
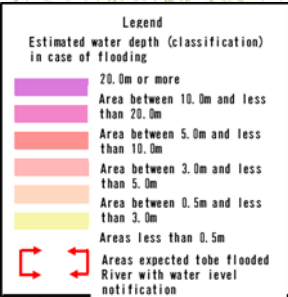
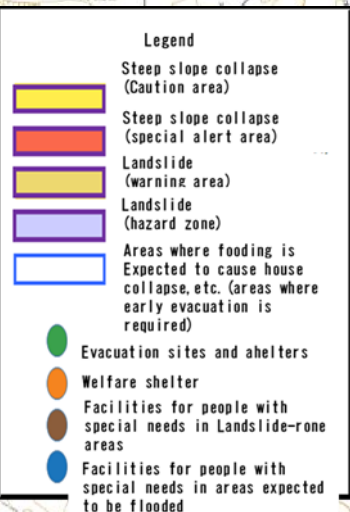
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Kimobetsu Town Disaster Prevention Hazard Map [Floods, landslid, and evacuation shelters] D Fukushima area

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Kimobetsu Town Disaster Prevention Hazard Map [Floods, landslides, and evacuation shelters] E Misono/Kanayama area

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Rusutsu Village

留寿都村



13

Misono

Misono Community Center

御園集落センター

Orowensiribetsu River

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Kimobetsu Town

喜茂別町

Legend

Steep slope collapse
(Caution area)



Steep slope collapse
(special alert area)



Landslide
(warning area)



Landslide
(hazard zone)



Areas where flooding is
Expected to cause house
collapse, etc. (areas where
early evacuation is
required)



Evacuation sites and shelters



Welfare shelter



Facilities for people with
special needs in Landslide-prone
areas



Facilities for people with
special needs in areas expected
to be flooded



Legend

Estimated water depth (classification)
in case of flooding

20.0m or more

Area between 10.0m and less
than 20.0m

Area between 5.0m and less
than 10.0m

Area between 3.0m and less
than 5.0m

Area between 0.5m and less
than 3.0m

Areas less than 0.5m

Areas expected to be flooded
River with water level
notification

Areas less than 0.5m

Areas less than 0.5m

Areas less than 0.5m

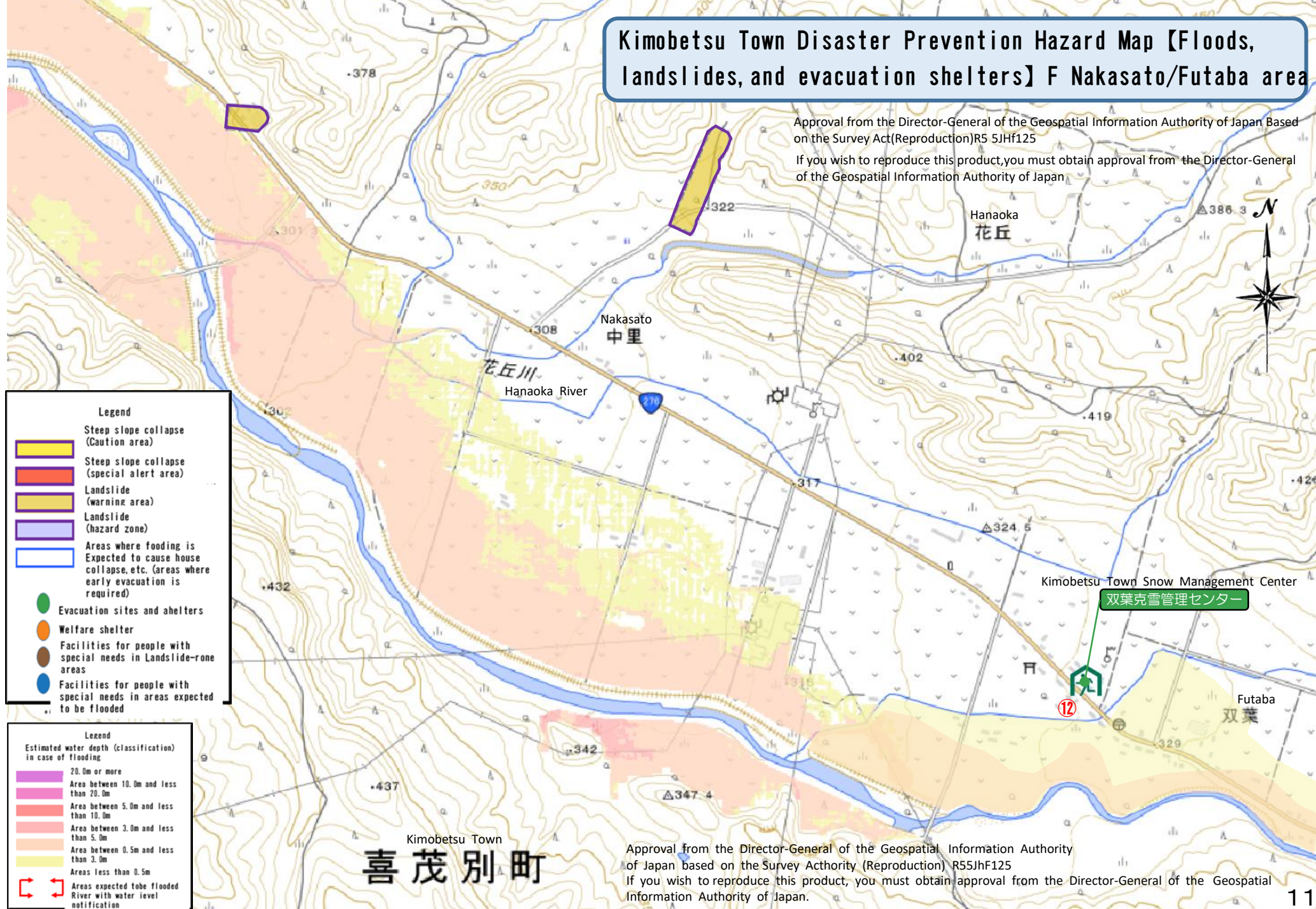
Areas less than 0.5m

Areas less than 0.5m

Kimobetsu Town Disaster Prevention Hazard Map [Floods, landslides, and evacuation shelters] F Nakasato/Futaba area

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Disaster prevention related systems

Jc-Smart

Kimobetsu Talk Circulation Edition APP



How to download

Search for JC-Smart in the app store or scan the QR code below.

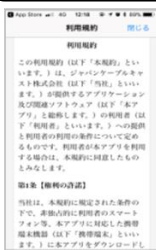


How to set it up

(1)
Click on the
JC-Smart icon on
the home page



(2)
The Terms of Use
video will appear.



(3)
The local government
selection screen will
be displayed.
Select Kimobetsu.



(4)
The Kimobetsu
screen It will be
displayed



(5)
The app will start

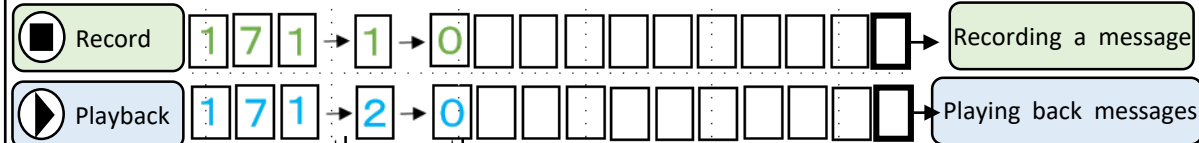


Make sure you know how to let your family and friends know about safety!

Disaster Message Dial

1 7 1

This is a voice message board that allows you to contact family, relatives, and acquaintances in the affected area by recording and playing messages, even when a large-scale disaster occurs and phone lines are congested with calls to confirm the safety of others, making it difficult to get through on the phone.



An announcement
will be made

Your home or the people in the affected areas you wish
to contact Phone number(starting with area code)

Please scan the QR code below.



Mobile phone for disasters
message board

This is a disaster message board provided by each mobile phone company in the event of a large-scale disaster. You can register and check safety information from your mobile phone or smartphone.
※Please check the website of your mobile phone company for more details.

Disaster prevention system Jc-Smart that can be used even during power outages Let's install it and prepare for disasters.

You can check the same information as on the chat bulletin board at home.

Be sure to check this beforehand in case a disaster occurs!!

| Checklist of items to put in your disaster preparedness bag | |
|---|---|
| Food | <input type="checkbox"/> Drinking water (Recommended amount is 3 liters per adult per day, minimum 2×500ml plastic bottles) <input type="checkbox"/> Emergency rations (Nutritional supplements, etc.) <input type="checkbox"/> Canned food |
| Valuables | <input type="checkbox"/> Cash (bills and coins) <input type="checkbox"/> regular medications and prescriptions <input type="checkbox"/> Medication notebook <input type="checkbox"/> Health insurance card <input type="checkbox"/> Drivers license <input type="checkbox"/> Bankbook <input type="checkbox"/> Signature seal |
| clothing | <input type="checkbox"/> Helmet (or hat if not available) <input type="checkbox"/> Winter gear <input type="checkbox"/> Raincoat (poncho) <input type="checkbox"/> Change of clothes ※ It is recommended to put your clothes in a zippered plastic bag to prevent them from getting wet. |
| Daily necessities | <input type="checkbox"/> Flashlight <input type="checkbox"/> Batteries <input type="checkbox"/> Portable radio <input type="checkbox"/> Towels <input type="checkbox"/> Toiletries Kit <input type="checkbox"/> Tissue <input type="checkbox"/> Wet wipes <input type="checkbox"/> Portable toilet <input type="checkbox"/> Tooth brush set <input type="checkbox"/> Mask <input type="checkbox"/> Sanitary products <input type="checkbox"/> First aid kit (bandages, bandages, disinfectant.) <input type="checkbox"/> Mobile battery |
| others | <input type="checkbox"/> Whistle <input type="checkbox"/> Simple bedding <input type="checkbox"/> Swiss army knife <input type="checkbox"/> Writing utensils <input type="checkbox"/> Necessities for the elderly, and pets (e.g. powdered milk, disposable diapers, etc) <input type="checkbox"/> Small luxuries <input type="checkbox"/> earplugs <input type="checkbox"/> Earbuds/Headphones |

In case of an emergency,
Be prepared and be disaster prevention conscious!!



Write it down just in case!!

Disaster prevention memo for my family

| | |
|--------------------|------------------------|
| Our Home refuge | Floods and landslides: |
| | During an earthquake: |

| | |
|------------------------------|--|
| Our Home Meeting point | |
|------------------------------|--|

◎Family information

| name | date of birth | Blood type | Memo(diseases, medical history,mobile phone number, place of employment,etc.) |
|------|--------------------------|---------------------|---|
| | Year Month Day | Type RH(+ / -) | |
| | Year Month Day | Type RH(+ / -) | |
| | Year Month Day | Type RH(+ / -) | |
| | Year Month Day | Type RH(+ / -) | |
| | Year Month Day | Type RH(+ / -) | |

◎Contact information in case of emergency (Write down the contact information of relatives, acquaintances, regular hospitals, etc.)

| name | telephone number | address | memo |
|------|------------------|---------|------|
| | | | |
| | | | |

[illegible]