

# Inland Water Hazard Map

(Within the sewerage plan area)

## 7 Takehiro, Kasuga, Tsubou, Otanidai, Makuyama, Hiyoshidai, Isegaoka, Midorigaoka, and Hikino District

- This figure shows the anticipated extent and depth of flooding, as estimated by simulations based on the development status of sewerage facilities as of March 2025.
- This Hazard Map was created based on the maximum expected, rainfall (130 mm per hour), an amount of heavy rainfall that is thought to occur roughly once every 1,000 years.
- This diagram does not take into account river flooding, tsunamis, storm surges, or clogged drains. Therefore, actual flooding conditions may differ from those shown in this diagram.
- The colored areas are considered to be areas with a relatively high risk of flooding. Even areas without color may be flooded, so please take precautions early and act safely during heavy rain.

Contact information:  
Waterworks Planning Division, Fukuyama City Waterworks and Sewerage Bureau Engineering Department TEL:084-928-1090

**Facilities in Fukuyama City used by people with special needs**  
Information on facilities for people with special needs is listed on the city website and updated regularly.

- ### Legend of marks
- City Hall (Main office/Branch office)
  - Emergency evacuation shelter (in the event of flood or landslide disaster)
  - Police station
  - Fire department
  - Underpass
  - Water level station
  - River monitoring cameras
  - Rainfall observation center
  - City boundary
  - District boundary

### Legend of flood-prone areas

#### Legend of flood depths and conditions

- 5.0m or more: The 3rd floor and higher are inundated.
- 3.0m or more and less than 5.0m: The 2nd floor and higher are inundated.
- 1.0m or more and less than 3.0m: The 1st floor and higher are inundated.
- 0.5m or more and less than 1.0m: Walking will be difficult.
- 0.3m or more and less than 0.5m: Doors will be hard to open due to water pressure.
- 0.1m or more and less than 0.3m: Vehicles, if their air intake ports and mufflers are submerged, may stop moving due to engine breakdown.
- 0.01m or more and less than 0.1m: There are no problems with driving it.

- ### Legend of landslide disasters
- Slope collapse
    - Landslide disaster special warning area
    - Landslide disaster warning area
  - Mudflow
    - Landslide disaster special warning area
    - Landslide disaster warning area
  - Landslide
    - Landslide disaster special warning area
    - Landslide disaster warning area
- Landslide disaster special warning areas are areas where there is a danger of destruction of buildings and serious risk to human life.  
● Landslide disaster warning areas are areas where landslides are likely to occur.

### Emergency evacuation shelters in Fukuyama City

- List of emergency evacuation shelters
- Not all emergency evacuation shelters will be opened at the same time. For evacuation, check the information issued by the City.
- In case of emergency, evacuate to a nearby safe place regardless of the emergency evacuation shelters designated by the City.

| No. | Facility name   | Type of disaster |       |
|-----|---|------------------|-------|
|     |   | Landslide        | Flood |
| 1   | Chujo Koryukan (Community Hall) Kannabe-Hishi Community Center          | ○                | ○     |
| 2   | Mino Elementary School  | ○                | ②     |
| 3   | Mino Koryukan   | ○                | ○     |
| 4   | Fukuyama Transporting Co., Ltd., Kannabe Distribution Center            | ○                | ○     |
| 5   | Kannabe-Higashi Junior High School                                      | ○                | ②     |
| 6   | Takehiro Elementary School  | ○                | ②     |
| 7   | Takehiro Koryukan (Community Hall)                                      | ○                | ○     |
| 8   | Kannabe Junior High School  | ○                | ○     |
| 9   | Hiroshima Prefectural Kannabe High School                               | ○                | ②     |
| 10  | Kannabe Elementary School   | ○                | ③     |
| 11  | Tsubou Koryukan (Community Hall)  | ○                | ○     |
| 12  | Tsubou Elementary School  | ○                | ○     |
| 13  | Kasuga Elementary School  | ○                | ○     |
| 14  | Otanidai Koryukan (Community Hall)                                      | ○                | ○     |
| 15  | Toho Junior High School   | ○                | ○     |
| 16  | Otanidai Elementary School  | ○                | ○     |
| 17  | Kasuga Koryukan (Community Hall)  | ○                | ○     |
| 18  | Baien Junior High School  | ○                | ②     |
| 19  | Makuyama Koryukan (Community Hall)                                      | ○                | ○     |
| 20  | Hiyoshidai Koryukan (Community Hall)                                    | ○                | ○     |
| 21  | Hiyoshidai Elementary School  | ○                | ○     |
| 22  | Makuyama Elementary School  | ○                | ○     |
| 23  | Zao Elementary School   | ○                | ○     |
| 24  | Hiroshima Prefectural Daimon High School                                | ○                | ○     |
| 25  | Ootori Junior High School   | ○                | ○     |
| 26  | Tobu Shimin Center (East Civic Center)                                  | ○                | ○     |
| 27  | Isegaoka Elementary School  | ○                | ○     |
| 28  | Midorigaoka Koryukan (Community Hall) Kasuga Community Hall             | ○                | ○     |
| 29  | Zao Koryukan (Community Hall)   | ○                | ○     |
| 30  | Isegaoka Koryukan (Community Hall)                                      | ○                | ○     |
| 31  | Midorigaoka Elementary School   | ○                | ○     |
| 32  | Fukuyama Junior and Senior High School Attached to Hiroshima University | ○                | ○     |
| 33  | Midorigaoka Koryukan (Community Hall)                                   | ○                | ○     |
| 34  | Ginga Gakuin Junior and Senior High School                              | ○                | ○     |
| 35  | EISU Gakkan Elementary, Junior and Senior High School                   | ○                | ○     |
| 36  | Otsuno Elementary School  | ○                | ○     |
| 37  | Chuo Junior High School   | ○                | ②     |
| 38  | Sakuragaoka Koryukan (Community Hall) Barazu Community Center           | ○                | ○     |
| 39  | Sakuragaoka Koryukan (Community Hall)                                   | ○                | ○     |
| 40  | Daimon Koryukan (Community Hall)  | ○                | ○     |
| 41  | Sakuragaoka Elementary School   | ○                | ○     |
| 42  | Nishi-Fukatsu Elementary School   | ○                | ②     |
| 43  | Nishi-Fukatsu Koryukan (Community Hall)                                 | ○                | ○     |
| 44  | Joto Junior High School   | ○                | ③     |
| 45  | Fukuyama Akenohoshi Gakuin  | ○                | ○     |
| 46  | Fukatsu Elementary School   | ○                | ②     |
| 47  | Daimon Junior High School   | ○                | ○     |
| 48  | Fukatsu Koryukan (Community Hall)                                       | ○                | ○     |
| 49  | Nonohama Elementary School  | ○                | ○     |
| 50  | Nishi-Fukatsu Koryukan (Community Hall) Fukatsu Community Center        | ○                | ○     |
| 51  | Higashi Elementary School   | ○                | ②     |
| 52  | Higashi Koryukan (Community Hall)                                       | ○                | ○     |
| 53  | Asahigaoka Koryukan (Community Hall)                                    | ○                | ○     |
| 54  | Nonohama Koryukan (Community Hall)                                      | ○                | ○     |
| 55  | Hikino Koryukan (Community Hall)  | ○                | ○     |
| 56  | Hikino Elementary School  | ○                | ○     |
| 57  | Asahigaoka Elementary School  | ○                | ○     |
| 58  | Higashi Junior High School  | ○                | ③     |
| 59  | Fukuyama Transporting Co., Ltd., Fukuyama Distribution Center           | ○                | ○     |
| 60  | Fukuyama Sukoyaka Center  | ○                | ②     |
| 61  | Asahi Elementary School   | ○                | ②     |
| 62  | Asahi Koryukan (Community Hall)   | ○                | ○     |
| 63  | Hitotsubashi Junior High School   | ○                | ③     |
| 64  | Nagahama Elementary School  | ○                | ○     |

◆ Type of disaster  
○: Can be used / ②: 2nd floor and higher floors can be used  
③: 3rd floor and higher floors can be used / -: Cannot be used



### Flood Hazard Map (Flood and Landslide Disasters)