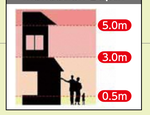
# Maebashi City Flood & Landslide Hazard Map (Southern Region)

## Approximate Inundation Depth




Legend: Estimated Inundation Depth in the Event of Flooding

- 10.0 - 19.9m
- 5.0 - 9.9m
- 3.0 - 4.9m
- 0.5 - 2.9m
- 0.0 - 0.4m

## Decide on an evacuation site in the event of an emergency

If an earthquake occurs ⇒

In the Event of Wind and Water Disasters ⇒

If you decide in advance on an evacuation site, it can serve as a place to find family and others when you can't contact each other by phone, etc. during a disaster. Make sure you know where to evacuate to and how to stay safe depending on the type of disaster.

"Evacuate" means "to escape from danger". If you are already in a safe place, there is no need to go to an evacuation site.

Evacuation sites are not limited to elementary and junior high schools and community centers. You can also consider evacuating to the residence, etc. of a relative or acquaintance that is in a safe place.

## Flooding & Inundation

### Response by Maebashi City

Maebashi City

Risk (Urgency): High / Low

| | |
|---|---|
| Flooding is occurring or imminent | [Alert Level 5] Emergency Safety Measures |
| Flood Risk Water Level | [Alert Level 4] Evacuation Instruction |
| Evacuation Site Decision Water Level | [Alert Level 3] Evacuation of the Elderly, etc. |

As a general rule, Maebashi City will issue evacuation information when the water level reaches the reference value for rivers specified by Gunma Prefecture based on the Flood Control Act (1. Tone River, 2. Momonoki River, 3. Hirose River, 4. Arato River, 5. Akagishira River).

Notification of areas subject to evacuation and evacuation sites to be opened for each river specified by Gunma Prefecture based on the Flood Control Act

Check disaster administration wireless communications, disaster prevention radio, emergency bulletin mail, and television data broadcasting for the latest information.

### What You Should Do

| Category | Possible Scenarios | Evacuation Behavior |
|---|---|---|
| Those living in 0.0 - 0.4m zones | Inundation below floor level due to river flooding is expected. | While evacuation to an evacuation site is preferable, it is also possible to secure your safety based on your own judgment by staying indoors (evacuating to the second floor). |
| Those living in 0.5 - 2.9m zones | Inundation above floor level and inundation of the first floor of buildings due to river flooding is expected. | While evacuation to an evacuation site is preferable, it is also possible to secure your safety based on your own judgment by staying indoors (evacuating to the third floor). If you live in a one-story house, evacuate to an evacuation site or the residence, etc. of a relative or acquaintance that is in a safe place. |
| Those living in 3.0 - 4.9m zones | Inundation of the second floor of buildings due to river flooding is expected. | Early evacuation is necessary. Evacuate to an evacuation site or the residence, etc. of a relative or acquaintance that is in a safe place. |
| Those living in 5.0 - 9.9m zones | Complete inundation of buildings due to river flooding is expected. | |
| Those living in areas where house collapse, etc. due to flooding is expected | House collapses caused by flood waters and riverbank erosion are expected. | |

Legend

| | | | |
|---|---|---|---|
| Designated evacuation site | | Branch office / Resident service center | |
| Maebashi City Hall | | Police station | |
| Gunma Prefectural Government Office | | National route | |
| Fire station / Branch station | | Private railway line | |
| Hospital | | Underpass / Underground passage | |
| Maebashi City boundary | | Expressway | I.C |
| Major local/ prefectural road | | | |
| JR Line | | | |

| River | Observation Site | Flood fighting corps standby water level (m) | Flood advisory water level (m) | Evacuation Decision Water Level (m) [Alert Level 3] Evacuation of the Elderly, etc. | Flood Risk Water Level (m) [Alert Level 4] Evacuation Instruction |
|---|---|---|---|---|---|
| Tone River | Taishobashi | 3.70m | 4.60m | 5.70m | 6.69m |
| | Kenchoura | 3.00m | 3.50m | 3.68m | 4.88m |
| | Kamikuishina | 2.50m | 3.70m | 3.70m | 5.24m |
| Hirose River | Sanko | 2.00m | 2.50m | 2.80m | 3.82m |
| Arato River | Shimonasuda | 2.20m | 2.60m | 3.10m | 3.62m |
| | Ogo | 1.80m | 2.20m | 3.70m | 3.97m |
| Momonoki River | Utsubo | 1.80m | 2.90m | — | — |
| | Kamiizumi | 2.20m | 2.30m | 2.40m | 3.00m |
| Akagishirakawa River | Hosoi | 2.30m | 2.50m | 2.50m | 2.92m |

※Water levels for each river can be checked on television data broadcasting and the Gunma Prefecture website (Gunma Prefecture Water Level & Rainfall Information System).

Legend: Landslide Risk Zones

- Landslide special alert zone
- Landslide alert zone

Legend: Landslide Risk Locations

- Debris flow risk zone
- Steep slope collapse risk location
- Debris flow risk stream

Legend: Areas where House Collapse, etc. Due to Flooding is Expected

| | |
|---|---|
| Flooding | Early evacuation is necessary due to the possibility of floodwater flows associated with levee failure, etc. that could cause houses with wooden frames to collapse. |
| Riverbank erosion | Early evacuation is necessary due to the possibility of riverbank erosion that could cause houses to collapse. |

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Scale 1:26,000

0 400m 800m 1,200m 1,600m 2Km

◆Designated evacuation site

| Area name | No. | Facility name | Expected inundation depth | Location | Earthquake | Flood | Landslide | Coordinates |
|---|---|---|---|---|---|---|---|---|
| Momonoi Nakagawa Shikishima Nanbu Joto Wakamiya Amagawa Iwagami Chuo | 1 | Momonoi Elementary School | | 2-16-4 Otemachi | ● | ● | ※ | C-3 |
| | 2 | Nakagawa Elementary School | - | 2-1-3 Mikawacho | ● | ● | ※ | D-3 |
| | 3 | Shikishima Elementary School | 0.0 - 0.4m | 1-22-8 Showamachi | ● | × | ※ | C-2 |
| | 4 | Jonan Elementary School | 0.0 - 0.4m | 1-13-2 Rokkumachi | ● | × | ※ | D-3 |
| | 5 | Joto Elementary School | 0.0 - 0.4m | 1-35-7 Jotomachi | ● | × | ※ | D-2 |
| | 6 | Wakamiya Elementary School | - | 4-12-24 Wakamiyacho | ● | ● | ※ | D-2 |
| | 7 | Amagawa Elementary School | - | 3-18-4 Bunkyocho | ● | ● | ※ | D-3 |
| | 8 | Iwagami Elementary School | 0.0 - 0.4m | 4-4-1 Iwagamimachi | ● | × | ※ | C-2 |
| | 9 | Daiichi Junior High School | - | 1-20-5 Minamicho | ● | ● | ※ | C-3 |
| | 10 | Daisan Junior High School | 0.0 - 0.4m | 2-13-24 Heiwamachi | ● | ● | ※ | C-2 |
| | 11 | Mizuki Junior High School | - | 3-9-2 Hiyoshicho | ● | ● | ※ | D-2 |
| | 12 | Daigo Junior High School | - | 3-20-5 Bunkyocho | ● | ● | ※ | D-3 |
| | 13 | Green Dome Maebashi | 3.0 - 4.9m | 1-2-1 Iwagamimachi | ※ | × | ※ | C-2 |
| | 14 | Municipal Cultural Hall | - | 3-6-2-1 Minamicho | ※ | ※ | ※ | D-3 |
| | 15 | Hirose Elementary School | - | 3-19 Hirosecho | ● | ● | ※ | E-4 |
| | 16 | Sanno Elementary School | - | 160-1 Sannomachi | ● | ● | ※ | F-5 |
| | 17 | Wakaba Elementary School | - | 165-1 Asakuramachi | ● | ● | ※ | E-4 |
| Kamikawafuchi | 18 | Kamikawafuchi Elementary School | 0.5 - 2.9m | 466 Asakuramachi | ● | × | ※ | D-4 |
| | 19 | Dainana Junior High School | 0.5 - 2.9m | 260-1 Miyajimachi | ● | ● | ※ | E-5 |
| | 20 | Maebashi Gymnasium | 0.5 - 2.9m | 460-7 Kamisadorimachi | ※ | × | ※ | D-4 |
| | 21 | Meio Junior High School | - | 50-4 Gokanmachi | ● | ● | ※ | E-4 |
| Shimokawafuchi | 22 | Shimokawafuchi Elementary School | 3.0 - 4.9m | 38-1 Tsurukojimachi | ※ | × | ※ | E-6 |
| Haga | 23 | Haga Elementary School | - | 719 Katsusawamachi | ※ | ※ | ※ | E-1 |
| | 24 | Haga Junior High School | - | 796 Tottorimachi | ● | ● | ※ | E-1 |
| Kaigaya | 25 | Kaigaya Elementary School | 0.5 - 2.9m | 178 Kamiizumimachi | ● | × | ※ | E-2 |
| | 26 | Momonoki Elementary School | 0.5 - 2.9m | 732-1 Kamiokimachi | ● | × | ※ | D-2 |
| | 27 | Kaigaya Higashi Elementary School | - | 471 Tsutsumimachi | ● | ● | ※ | F-2 |
| | 28 | Momonose Elementary School | 0.0 - 0.4m | 3-343 Nishikatakamachi | ● | × | ※ | E-3 |
| | 29 | Kaigaya Junior High School | 0.0 - 0.4m | 175 Kamiizumimachi | ● | ● | ※ | E-2 |
| Azuma | 30 | Azuma Elementary School | 0.5 - 2.9m | 1452-1 Hakodamachi | ● | × | ※ | C-4 |
| | 31 | Otone Elementary School | 0.5 - 2.9m | 2-12-1 Otonemachi | ● | × | ※ | C-4 |
| | 32 | Shinden Elementary School | 0.5 - 2.9m | 1160 Kamishindenmachi | ● | × | ※ | C-4 |
| | 33 | Azuma Junior High School | 0.5 - 2.9m | 3 Hikarigaokamachi | ● | ● | ※ | C-4 |
| | 34 | Hakoda Junior High School | 0.5 - 2.9m | 396-1 Maehakodamachi | ● | ● | ※ | C-4 |
| Motosoja | 35 | Motosoja Elementary School | - | 1-33-11 Motosojamachi | ※ | ※ | ※ | B-3 |
| | 36 | Motosoja Minami Elementary School | - | 80-2 Motosojamachi | ● | ※ | ※ | B-3 |
| | 37 | Motosoja Kita Elementary School | - | 3149 Sojamachi Soja | ● | ※ | ※ | B-2 |
| | 38 | Motosoja Junior High School | - | 3060 Sojamachi Soja | ● | ※ | ※ | B-2 |
| Soja | 39 | Soja Elementary School | - | 1625 Sojamachi Soja | ※ | ※ | ※ | B-2 |
| | 40 | Katsuyama Elementary School | - | 123 Sojamachi Ueno | ● | ※ | ※ | B-1 |
| | 41 | Dairoku Junior High School | - | 1762-1 Sojamachi Soja | ● | ※ | ※ | B-2 |
| | 42 | Owatari Gymnasium | 0.0 - 0.4m | 2-3-11 Owatarimachi | ※ | ● | ※ | C-2 |
| | 43 | Hosoi Elementary School | 0.5 - 2.9m | 67-1 Shinohosoimachi | ● | × | ※ | D-1 |
| Nankitsu | 44 | Momokawa Elementary School | - | 1-66-11 Aramakimachi | ● | ● | ※ | C-1 |
| | 45 | Aramaki Elementary School | 0.5 - 2.9m | 4-9-2 Aramakimachi | ● | × | ※ | C-1 |
| | 46 | Nankitsu Junior High School | 0.0 - 0.4m | 975 Aramakimachi | ● | × | ※ | C-1 |
| | 47 | Kamakura Junior High School | - | 2130 Kamihosoimachi | ● | ● | ※ | D-1 |
| Kiyosato | 48 | Kiyosato Elementary School | 0.5 - 2.9m | 446 Aonashimachi | ● | ※ | ※ | A-1 |
| Eimei | 49 | Eimei Elementary School | 0.5 - 2.9m | 655 Kamioshimamachi | ● | × | ※ | F-4 |
| | 50 | Komagata Elementary School | 0.0 - 0.4m | 1172 Komagatamachi | ● | × | ※ | F-5 |
| Jonan | 51 | Arako Elementary School | - | 1240 Arakomachi | ● | ※ | ※ | H-3 |
| | 52 | Omuro Elementary School | - | 2817 Nishiomuromachi | ● | ※ | ※ | J-3 |
| | 53 | Ninomiya Elementary School | - | 1841 Ninomiyamachi | ● | ● | ※ | H-4 |
| | 54 | Utsuboi Elementary School | 0.5 - 2.9m | 1160 Utsuboimachi | ● | × | ※ | G-4 |
| | 55 | Kise Junior High School | 0.5 - 2.9m | 1811-1 Koyaharamachi | ● | ● | ※ | F-4 |
| | 56 | Arato Junior High School | - | 1338 Arakomachi | ● | ● | ※ | H-3 |
| Ogo | 57 | Ogo Elementary School | - | 1161 Horikoshimachi | ● | ● | ※ | G-1 |
| | 58 | Ogo Higashi Elementary School | - | 870-1 Kawarahamamachi | ● | ● | ※ | H-1 |
| | 59 | Ogo Junior High School | - | 1152 Horikoshimachi | ● | ● | ※ | G-1 |
| | 60 | Ogo Community Center | - | 480 Kawarahamamachi | ※ | ● | ※ | H-1 |
| Kasukawa | 61 | Kasukawa Elementary School | - | 521-2 Kasukawamachi Onabuchi | ● | ※ | ※ | J-2 |
| | 62 | Kasukawa Junior High School | - | 138 Kasukawamachi Nishitanabo | ● | ※ | ※ | K-2 |
| | 63 | Kasukawa Branch Office | - | 216-1 Kasukawamachi Nishitanabo | ※ | ● | ● | K-1 |
| | 64 | Kasukawa Community Center | - | 194-4 Kasukawamachi Nishitanabo | ※ | × | × | K-2 |

Earthquake: ●Shelters will open when an earthquake with a seismic intensity of 5 upper or higher occurs. Flood: ● Shelters will open when evacuation information is issued / × Expected inundation areas, no shelters will open. ※Shelters to be opened will be determined depending on the situation. Landslide: ●Shelters will open when evacuation information is issued / × Landslide risk zones, no shelters will open / ※Shelters to be opened will be determined depending on the situation. Designated shelters to be opened will be determined depending on the situation, and notified via disaster administration wireless communications, disaster prevention radio, emergency bulletin mail, and television data broadcasting.

◆List of Priority Disaster Prevention Agricultural Reservoirs

| Name | Location |
|---|---|
| Kamitsutsumi Pond | 95 Katsusawamachi |
| Nishitsutsumi Pond | 365 Kojinmeimachi |
| Ipponqi Pond | 2121 Kozakashimachi |
| Shiratori Pond | 2199 Kozakashimachi |
| Otsutsumi Pond | 1238 Minemachi |
| Kurakane Pond | 731-1 Ogikubomachi |
| Yachi Pond | 978-1 Egimachi |
| Egi-Shinnuma Pond | 1142 Egimachi |
| Tsutsumi Pond | 484 Tsutsumimachi |
| Nakago Pond | 803 Taguchimachi |
| Kamidainichi Pond | 1839-1 Tomidamachi |
| Iidoi Pond | 68 Iidoimachi |
| Yoshi Pond | 479 Arakomachi |
| Arako Pond | 1209 Arakomachi |
| Imai Pond | 960 Imaimachi |
| Hakko Pond | 844-1 Shimo-oyamachi |
| Inuiyachi Pond | 1877 Nishimuromachi |
| Goryo Pond | 1503-1 Higashimuromachi |
| Terasawa Pond | 842 Takikubomachi |
| Shintanuma Pond | 1212 Motogimachi |
| Itchoda Pond | 2794 Horikoshimachi |
| Nihonmatsu Pond | 527 Horikoshimachi |
| Obiki Pond | 1848-1 Horikoshimachi |
| Katsuyama Pond | 291 Horikoshimachi |
| Sengan Pond | 94 Kamioyamachi |
| Umenoki Pond | 10 Ichinoseki machi |
| Ishida Pond | 881-1 Kashiwaguramachi |
| Kitagaito Pond | 191 Babamachi |
| Ozutsumi Reservoir | 5-2 Omaetamachi |
| Kubogaito Pond | 189 Omaetamachi |
| Kamijuni Pond | 1646 Omaetamachi |
| Sugahiro Pond | 2622 Naegashimamachi |
| Nagamata Pond | 631 Hanageishimachi |
| Yamada Reservoir | 1899-1 Naegashimamachi |
| Hara Reservoir | 1431 Naegashimamachi |
| Zenkaido Pond | 246 Kasukawamachi Onabuchi |
| Onabuchi-Shinnuma Pond | 243-1 Kasukawamachi Onabuchi |
| Unagizutsumi Pond | 1144 Kasukawamachi Onabuchi |
| Kanezuka Pond | 1468 Kasukawamachi Onabuchi |
| Hongo-Shinnuma Pond | 14 Kasukawamachi Fukazu |
| Kashiranashi Pond | 1569 Kasukawamachi Fukazu |
| Isenomori Kaminuma Pond | 166 Kasukawamachi Kamihigashi-tanabo |
| Isenomori Shimonuma Pond | 167 Kasukawamachi Kamihigashi-tanabo |
| Nishitanabo-ue Pond | 308-1 Kasukawamachi Nishitanabo |
| Nishitanabo-naka Pond | 306-1 Kasukawamachi Nishitanabo |
| Terago Pond | 222 Kasukawamachi Naka |
| Gobetto Pond | 461 Kasukawamachi Araya |
| Yaji Pond | 310 Kasukawamachi Inasato |
| Daikoji Pond | 354 Kasukawamachi Inasato |
| Obayashi Reservoir | 4 Kasukawamachi Murosawa |
| Yoshi Pond | 1371 Kasukawamachi Tsukida |
| Kumanoana-ue Pond | 186 Kasukawamachi Komigaito |
| Kumanoana-shita Pond | 187-1 Kasukawamachi Komigaito |
| Irita Pond | 86 Kasukawamachi Komigaito |
| Higashi Pond | 487 Kasukawamachi Komigaito |

◆List of Class 1 Rivers

| River name | Length(m) |
|---|---|
| Tone River ※ | 21,800 |
| Taki River | 7,000 |
| Taki River Drainage Channel | 355 |
| Goozu River | 1,500 |
| Hachiman River | 4,800 |
| Ushiike River | 3,150 |
| Someya River | 3,500 |
| Hirose River ※ | 7,800 |
| Hake River | 7,000 |
| Nira River | 4,330 |
| Shimizu River | 1,800 |
| Momonoki River ※ | 17,328 |
| Tachiwa River | 2,250 |
| Hokkezawa River | 7,000 |
| Komakasawa River | 8,530 |
| Ozeki River | 3,000 |
| Akagishirakawa River ※ | 16,800 |
| Kannon River | 5,500 |
| Tatsunokuchi River | 9,000 |
| Fujisawa River | 11,800 |
| Terasawa River | 12,000 |
| Arato River ※ | 23,237 |
| Oana River | 6,030 |
| Yoshimizawa River | 2,765 |
| Nanusawa River | 2,750 |
| Miyakawa River | 2,500 |
| Nomanji River | 4,000 |
| Kanzawa River | 14,100 |
| Konzoin River | 1,550 |
| Higashikanzawa River | 7,250 |
| Ishida River | 2,900 |
| Katsura River | 6,000 |
| Kasukawa River | 15,700 |
| Yamabushi River | 4,800 |
| Usagi River | 4,150 |
| Numao River | 1,100 |
| Fuji River | 1,900 |
| Warabisawa River | 9,500 |

※ Rivers specified by Gunma Prefecture based on the Flood Control Act



Detailed information about the map can be found on the Maebashi City Map Information System ("Searchizu Maebashi").