Tsukuba City
Flood and Landslide Hazard Map

This hazard map provides information such as anticipated flood zones and landslide (sediment disaster) hazard zones provided by the Shimodate River Office of the Ministry of Land, Infrastructure, Transport and Tourism and Ibaraki Prefecture. Since designated emergency evacuation areas and evacuation shelters are also provided, you can use this map when considering disaster prevention measures and conducting local disaster drills.

Kannongawa River is located on the north side of this map.

[Designated evacuation shelters]

- Designated evacuation shelters are places to distribute supplies and where you can stay temporarily when living in your house is dangerous or difficult. (e.g., elementary schools, exchange centers, etc.)
- Designated evacuation shelters may not be available depending on the type of disaster or the damage situation.

◆ Not available if there is a risk of flood disaster
★ Not available when there is a risk of landslide (sediment disaster)
▲ Special-needs shelter

*Special-needs shelters are for people requiring special care and support when living in shelters, such as people requiring nursing care and people with disabilities.

	Facility name	Address	Flood	Sediment	Map coordinate
1	Ozone Elementary School	2917 Ozone	○	○	C-3
2	Maeno Elementary School	1367 Maeno	○	○	C-3
3	Kaname Elementary school	449-1 Kaname	○	○	C-4
4	Yoshinuma Elementary School	1010 Yoshinuma	○	○	B-3
5	Oho Junior High School	475 Shinozaki	○	○	C-3
6	Numazaki Elementary School	1650 Numazaki	○	○	C-4
7	Imagashima Elementary School	1762 Imagashima	○	○	B-3
8	Kamigo Elementary School	2499 Kamigo	○	○	B-4
9	Toyosato Junior High School	1213 Koya	○	○	B-4
10	Yatabe Elementary School	2938 Yatabe	○	○	C-6
11	Yatabe Minami Elementary School	191-1 Sakaida	○	○	C-7
12	Mase Elementary School	2103 Mase	○	○	B-5
13	Shimana Elementary School	537-1 Shimana	○	○	C-5
14	Katsuragi Elementary School	689 Karima	○	○	C-5
15	Yagihashi Elementary School	360 Yagihashi	○	○	C-5
16	Onogawa Elementary School	731 Tateno	○	○	D-6
17	Teshirogi Minami Elementary School	4-24 Matsushiro	○	○	D-5
18	Ninomiya Elementary School	4-11 Ninomiya	○	○	D-5
19	Matsushiro Elementary School	3-3-1 Matsushiro	○	○	D-5
20	Higashi Elementary School	2-24 Higashi	○	○	D-6
21	Yatabe Junior High School	6100 Yatabe	○	○	C-6
22	Takayama Junior High School	Shimokawarazaki 503	○	○	B-5
23	Teshirogi Junior High School	5-10 Matsushiro	○	○	D-5
24	Yatabe Higashi Junior High School	2-25-1 Higashi	○	○	D-6
25	◆Sakae Elementary School	54 Konda	×	○	D-4
26	Kokonoe Elementary School	2126 Uenomuro	○	○	D-5
27	Onan Elementary School	789-1 Sasagi	○	○	E-5
28	◆Kurihara Elementary School	2018 Kurihara	×	○	D-4
29	Takezono Higashi Elementary School	3-13 Takezono	○	○	D-5
30	Namiki Elementary School	2-12 Namiki	○	○	D-5
31	Azuma Elementary School	2-16 Azuma	○	○	D-5
32	Takezono Nishi Elementary School	2-16-4 Takezono	○	○	D-5
33	Sakura Junior High School	32 Sakuranomori	○	○	D-4
34	Takezono Higashi Junior High School	3-11 Takezono	○	○	D-5
35	Namiki Junior High School	3-8 Namiki	○	○	D-5
36	Azuma Junior High School	1-9-1 Amakubo	○	○	D-4
37	(Former) Tamiyama Elementary School	620 Mimori	○	○	C-2
38	(Former) Tai Elementary School	1200 Kangori	○	○	C-2
39	(Former) Oda Elementary School	3107 Oda	○	○	D-3
40	(Former) Yamaguchi Elementary School	913 Yamaguchi	○	○	D-2
41	General Educational Research Center	1333-1 Ogata	○	○	D-3
42	◆(Former) Sugama Elementary School	877 Nakasugama	×	○	C-2
43	S High School	578-2 Tsukuriya	○	○	C-2
44	Mt.Tsukuba Gate Park	4160 Hojo	○	○	C-2
45	Kukizaki Daiichi Elementary School	2290 Takasaki	○	○	D-7
46	Kukizaki Daini Elementary School	1076 Kamiiwasaki	○	○	D-8
47	★Kukizaki Daisan Elementary School	798-1 Oguki	○	×	D-7
48	Kukizaki Junior High School	450 Oguki	○	○	D-7
49	Takasaki Junior High School	1730 Takasaki	○	○	D-7
50	Kasuga Gakuen Compulsory School	2-47 Kasuga	○	○	C-5
51	Tsukuba Learning Center	1477-1 Hojo	○	○	D-2
52	◆Civic Hall Tsukubane	5060 Hojo	×	○	C-2
53	◆Tsukuba Community Center	5060 Hojo	×	○	C-2
54	Oho Community Center	1-10-4 Tsukuho	○	○	C-3
55	Toyosato Community Center	1197-20 Koya	○	○	B-4
56	◆Yatabe Community Center	4774-18 Yatabe	×	○	C-6
57	Matsushiro Community Center	4-16-3 Matsushiro	○	○	D-5
58	Ninomiya Community Center	4-6-2 Ninomiya	○	○	D-5
59	Kasuga Community Center	2-36-1 Kasuga	○	○	D-5
60	Shimana Community Center	784-30 Shimana	○	○	C-5
61	Onogawa Community Center	477-1 Tateno	○	○	D-6
62	Takezono Community Center	3-19-2 Takezono	○	○	D-5
63	Namiki Community Center	4-2-1 Namiki	○	○	D-5
64	Hirooka Community Center	410-167 Shimohirooka	○	○	E-5
65	Civic Center	1-10-1 Azuma	○	○	D-5
66	Kukizaki Community Center	318 Oguki	○	○	D-7
67	Tsukuba Capio	1-10-1 Takezono	○	○	D-5
68	Joyo Bank, Ltd. Joyo Tsukuba Building	1-14-2 Azuma	○	○	D-5
69	Tsukuba Bank, Ltd. Tsukuba Headquarters Building	1-7 Takezono	○	○	D-5
70	Kashima Antlers FC Tsukuba Academy Center	51-1 Midorinochuo	○	○	C-6
71	JA Tsukubasi Yatabe	2074-1 Yatabe	○	○	C-6
72	Working Women's Home	40-2 Numata	○	○	C-1
73	Chikatsu Shrine	173 Hassaki	○	○	D-8
74	◆Sakura Community Center	1036-2 Matsuzuka	×	○	D-4
75	Welfare Center for the Elderly Sakura	2470 Kurihara	○	○	D-4
76	◆Shuho Tsukuba Compulsory School	5073 Hojo	×	○	C-2
77	Gakuen no Mori Compulsory School	*2-15-1 Gakuennomori*	○	○	C-4
78	Midorino Gakuen Compulsory School	12-1 Midorinochuo	○	○	C-6
79	Tsukuba City Hall Community Building	1-1-1 Kenkyugakuen	○	○	C-5
80	Yoshinuma Community Center	790 Yoshinuma	○	○	B-3
81	◆Kurihara Community Center	5386-2 Kurihara	×	○	D-4
82	KASUMI CO., LTD.	599-1 Nishiohashi	○	○	C-5
83	Yoshinuma Gymnasium	821 Nishigoya	○	○	B-3
84	Tokodai Gymnasium	5-13-5 Tokodai	○	○	C-4
85	Oho Gymnasium	1-10-4 Tsukuho	○	○	C-3
86	Toyosato Gymnasium	1240-3 Koya	○	○	B-4
87	Toyosato Judojo&Kendojo	4262 Imagashima	○	○	B-4
88	Kenkyugakuen Elementary School	2-26 Kenkyugakuen	○	○	C-5
89	Kenkyugakuen Junior High School	2-26 Kenkyugakuen	○	○	C-5
90	Katoridai Elementary School	1716 Shimana (Katoridai A59 Block 1)	○	○	C-5
91	Katoridai Community Place	1716 Shimana (Katoridai A59 Block 2)	○	○	C-5
92	Midorinominami Elementary School	106-3 Midorinominami	○	○	C-7
93	Midorinominami Junior High School	106-1 Midorinominami	○	○	C-7
94	Doho Park	2-20 Ninomiya	○	○	D-5
95	Sakura Elementary School	16-1 Harukazedai	○	○	D-4
96	Yatabe Gymnasium	4711 Yatabe	○	○	C-6
97	Sakura Gymnasium	63 Ryuseidai	○	○	D-4
98	Tsukuba Gymnasium	1477-1 Hojo	○	○	D-2
99	▲Prefectural Tsukuba Special Needs School	2100 Tamatori	○	○	D-4
100	▲Tsukubanomori Special Nursing Home for the Elderly	1017-1 Kise	○	○	E-5
101	▲Iris Court Special Nursing Home for the Elderly	429-1 Kamiyokoba	○	○	C-6
102	▲Daichi to Ozora Special Nursing Home for the Elderly	1241-1 Inarihara	○	○	D-7
103	▲Hanamizuki Special Nursing Home for the Elderly	525-1 Shimohara	○	○	D-6
104	▲Raffine Tsukubane	476-1 Kowada	○	○	D-2
105	▲Mimorien	859-4 Mimori	○	○	C-2
106	▲Tsukubane Gakuen	366 Kowada	○	○	D-2
107	▲I-Relay Tsukuba	273-1 Kaname	○	○	C-4
108	▲Group Home Tanpopo	3393-1 Yatabe	○	○	C-6
109	▲◆Nakayoshi Small-scale Multifunctional Care Home	4326-2 Hojo	×	○	C-2
110	▲Tolerance Tamura Small-scale Special Nursing Home for the Elderly	2290-9 Kamiyokoba	○	○	C-6
111	▲Frontier Special Nursing Home for the Elderly	1600-3 Kamigo	○	○	B-4
112	▲Premier Genkikan Long-Term Care Facility	6107-1 Yatabe	○	○	C-6
113	▲Group Home Chikusuien	6107-1 Yatabe	○	○	C-6
114	▲Sunshine Villa Tsukuba Club Fee-based Home with Nursing Care	6107-2 Yatabe	○	○	C-6
115	▲Sunshine Comfort Tsukuba Serviced Housing for the Elderly	2-3-10 Daimachi	○	○	C-6
116	▲Group Home Mio	10-12 Onogawa	○	○	D-6

12 other private facilities under agreement

[Designated emergency evacuation areas]

- Designated emergency evacuation areas are temporary evacuation sites to avoid danger caused by disasters such as fire and flood. (e.g., parks, plazas, higher ground, etc.)
- They may not be available depending on the disaster situation.

	Facility name	Address	Flood	Sediment	Map coordinate
117	Sakura Sports Park	63 Ryuseidai	○	○	D-4
118	Kukizaki Sports Park	2160-10 Shimoiwasaki	○	○	D-7
119	Oike Park	1477-1 Hojo	○	○	D-2
120	Kenkyugakuen Ekimae Park	2-1 Gakuenminami	○	○	C-5
121	Tsukuba Hokubu Park	1 Kitahara	○	○	C-3
122	Kashima Antlers FC Tsukuba Academy Center	51-1 Midorinochuo	○	○	C-6
123	Chuo Park	2-7-5 Azuma	○	○	D-5
124	Oshimizu Park	1-5-2 Takezono	○	○	D-5
125	Farmer's Base Tsukuba	866-1 Takasuka	○	○	B-5
126	Coach & Four Tsukuba (parking lot)	3-50-7 Gakuennomori	○	○	C-4
127	Doho Park	2-20 Ninomiya	○	○	D-5

Anticipated flood zones

Anticipated flood zones are the areas where a flood is anticipated owing to river overflow during the anticipated maximum rainfall and designated by the Shimodate River Office of the Ministry of Land, Infrastructure, Transport and Tourism and Ibaraki Prefecture. Rainfall exceeding the assumption, such as local heavy rain for a short period of time or flood of branch rivers, etc., is not assumed. (Related Act: Article 14 of the Flood Prevention Act)

This map shows anticipated flood zones and assumed depth due to flood (flood depth) by color coding. Note that anticipated flood zones on the map are only simulations, and inundation may occur in areas other than the color-coded areas owing to weather conditions or changes in land use beyond the scope of the assumptions.

Estimated flood depth

5 m to less than 10 m	Third floor or above will be flooded.
3 m to less than 5 m	Second floor will be flooded.
0.5 m to less than 3 m	First floor will be flooded.
Less than 0.5 m	Flood below floor level

Rivers subject to the designation of anticipated flood zones

Areas where evacuation at an early stage is necessary

Legend		Evacuation action
Anticipated zones of house collapse due to flooding	Flood overflow	Areas with a risk of flood that may cause wooden houses to collapse owing to river bank failures. Earlier evacuation is necessary.
	Bank erosion	Areas where houses may collapse owing to the ground being scraped by the strong current of a river. Earlier evacuation is necessary.
Flood depth: 5 m to less than 10 m; 3 m to less than 5 m		Areas where the top floor of buildings is also at risk of inundation. Immediate evacuation is necessary.

Anticipated zones of house collapse due to flooding: areas where houses may be washed away or collapsed during a flood.

An audio version of the hazard map is available.

[Anticipated flood criteria]

*Total rainfall for the entire basin

River name	Total rainfall	Peak period (per hour)
Kokaigawa River (Kokaigawa River basin, upper Kurogo basin)	778 mm (72 hrs)	-
Kinugawa River	669 mm (72 hrs)	-
Sakuragawa River, Minanogawa River, Sakasagawa River, Kamibizengawa River, Okawa River, *Kannongawa River	746 mm (48 hrs)	77 mm
Inarigawa River	690 mm (24 hrs)	149 mm
Hanamurogawa River	686 mm (24 hrs)	147 mm
Yatagawa River	678 mm (48 hrs)	146 mm
Hasunumagawa River, Mizuhorigawa River, Katsuragigawa River, Ottogawa River	678 mm (24 hrs)	-
Nishiyatagawa River, Takaokagawa River	674 mm (24 hrs)	145 mm
Yatagawa River (Ushikunuma Pond)	646 mm (24 hrs)	153 mm
Onogawa River	645 mm (24 hrs)	-

*Kannon gawa River is located outside Tsukuba City (on the north side of this map), and the city is partly included in its anticipated flood zone.

Scale: 1/39,500
0 1 km 2 km 3 km 4 km

- Police station
- Police box and police substation
- Fire department
- Fire station and fire station branch
- Emergency notification medical institution
- Designated evacuation shelter
- Designated emergency evacuation area
- Digital disaster prevention administration radio
- Heliport
- Drinking water and fire prevention water tank
- Disaster well
- Underpass (Not available in case of submergence during heavy rain)
- Water gauge station
- River camera

Landslide (Sediment disaster) hazard zones

[Sediment disaster special hazard zones (Red zones)]
Areas where, in the event of a sediment disaster, buildings may be damaged and there is extreme danger to the lives of residents.

[Sediment disaster hazard zones (Yellow zones)]
Areas where, in the event of a sediment disaster, buildings may be damaged and there is danger to the lives of residents.

Types of sediment disasters in this map

Cliff failure (collapse of steep slope)
- Sediment disaster special hazard zones (Red zone)
- Sediment disaster hazard zones (Yellow zone)

Debris flow
- Sediment disaster special hazard zones (Red zone)
- Sediment disaster hazard zones (Yellow zone)

Landslide
- Sediment disaster hazard zones (Yellow zone)

[Evacuation sites and shelters]
There are two types of evacuation sites designated by Tsukuba City based on the Basic Act on Disaster Management: "Designated emergency evacuation sites" and "Designated shelters." In preparation for a disaster, make sure to confirm the evacuation site nearby.
(Japanese only)

[Facilities for persons requiring special care]
The Tsukuba City Regional Disaster Prevention Plan (Material) lists the facilities for persons requiring special care in anticipated flood zones and sediment disaster hazard zones.
(Japanese only)

[Locations of facilities that have AEDs (Ibaraki Digital Map)]
You can find facilities that have AEDs in the city. (Only facilities that have been registered by Ibaraki Prefecture as facilities with AEDs)
(Japanese only)

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"This survey result is obtained using the survey result under the jurisdiction of Tsukuba City with the approval of the Mayor." (Reference No. : 5 つくば都計 第 217 号) JIS Z 8210: "Safety evacuation area" and "Safety evacuation shelter" Issued: May 2026 Crisis Management Division, Mayor's Executive Department, Tsukuba City TEL: 029-883-1111 (switchboard) Produced by Zenrin Co., Ltd. Tsukuba Sales Office