Damage to nationally-managed river structures in Tohoku Bureau Area  
As of 10 May

Legend

Sections affected

River  No. of affected sites (△+◆)

Flood season

- From April 1
- From June 1
- From July 1

No. of affected sites

- Total No.
- Emergency restored
- Started in April due to aftershocks

Legend

- Project underway
- Height/width restored (Front-face concrete mattress left)
- Project completed

Progress in emergency restoration projects

1. Will be completed by the flood season
2. Will apply double closure to ensure levee height by the flood season
3. Will restore levees as high and wide as before by the flood season
   Projects have delayed by aftershocks and finally started in April.
   (13 project sites)
4. Full projects will be followed emergency projects including ground stabilization

Note: No. of project sites is subject to change for various reasons including aftershocks.
Damage to nationally-managed river structures in Kanto Bureau Area

- **Tochigi Pref.**
  - Kujigawa R.: 110 sites (2)
  - Watarasegawa R.: 33 sites (2)
  - Kinugawa R.: 17 sites
  - Nakagawa R.: 129 sites (2)
  - Kokaigawa R.: 122 sites (2)
  - Arakawa R.: 22 sites

- **Ibaraki Pref.**
  - Watarasegawa R.: 32 sites
  - Kinugawa R.: 157km
  - Nakagawa R.: 116km
  - Kokaigawa R.: 158km
  - Kasumigaura Lake: 173 sites (4)

- **Chiba Pref.**
  - Edogawa R.: 77 sites (2)
  - Arakawa R.: 238 sites (12)
  - Tonegawa R.: 352km

Note: No. of project sites is subject to change for various reasons including aftershocks.