**Rivers**  As of 10:00, 10 May 2011, damage has been confirmed at 2,115 river sites under state management. Out of those, 53 sites in 6 river systems have been selected for emergency restoration projects, of which 13 are currently underway and 40 already completed.

**Coasts**  About 190km coastal levees (300km in total length) have been confirmed to suffer total or partial destruction along Iwate, Miyagi and Fukushima coasts based on provisional investigation using aerial footage from helicopters.

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**Damage & restoration in affected rivers and coasts**

<table>
<thead>
<tr>
<th>Bureau</th>
<th>River system</th>
<th>Emergency restoration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Investigation</td>
</tr>
<tr>
<td>Tohoku</td>
<td>Mabuchigawa</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>Akabukigawa</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Iwaki R.</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Narusegawa</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Tateshina</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>13</td>
</tr>
</tbody>
</table>

**Levee breach**

14 March: single-lane construction road restored

6 April: the road widened to have two lanes.

```
Levee breach
Kitakamigawa R. (Ishinomaki)
```

```
Levee collapse
Kitakamigawa River [Osaki City]
```

```
Levee crack
Nakagawa River [Mito City]
```

```
Levee sinking
Kasumigaura Lake [Inashiki City]
```

```
Levee slope failure
Edogawa River [Satte City]
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The levee was built to protect the Tokyo area from flooding.

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**Damage along southern Sendai Bay coast (Bureau project site)**

- Kitakamigawa R.: 646 sites
- Narusegawa R.: 364 sites
- Natorigawa R.: 35 sites
- Kujigawa R.: 110 sites
- Nakagawa R.: 129 sites
- Abukumagawa R.: 137 sites
- Tonegawa R.: 659 sites

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**Emergency project restored access to isolated Kanaya District located downstream.**

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**Levee collapse**

**Levee crack**

**Levee slope failure**

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The photos show only major damage among affected sites.