

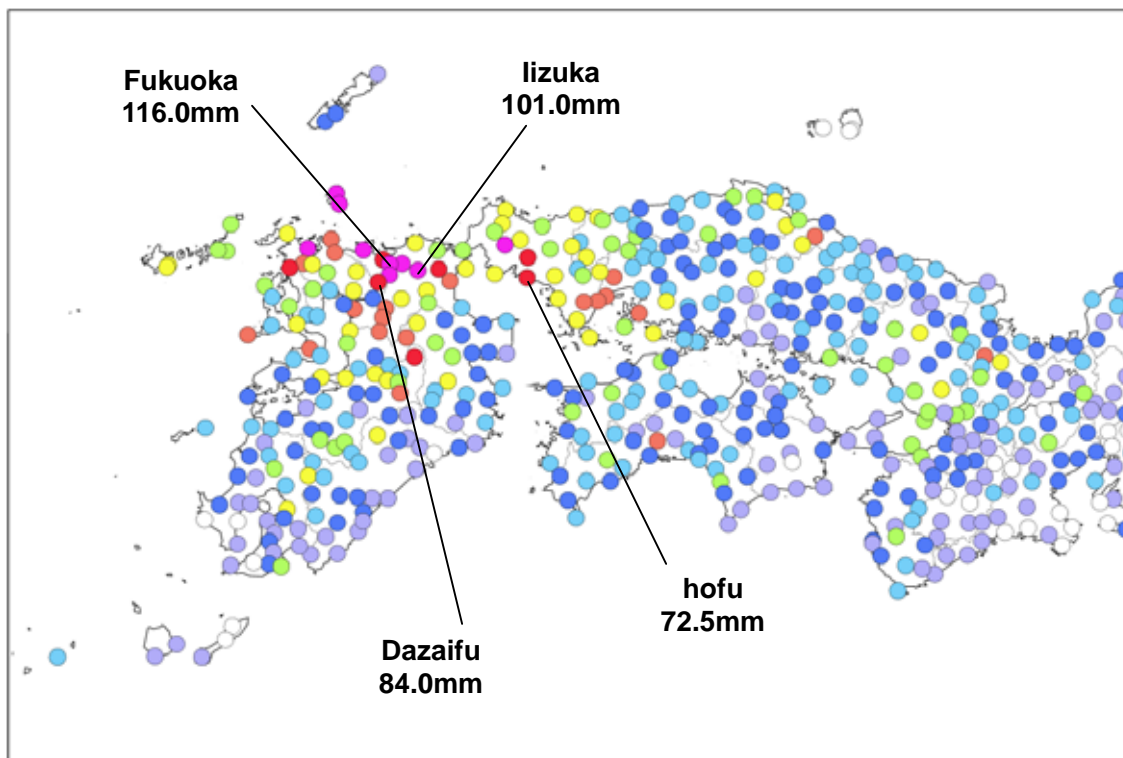
30 dead as heavy rain wreck havoc in western Japan

Downpour in west part of Honshu and northern Kyushu (July 2009)

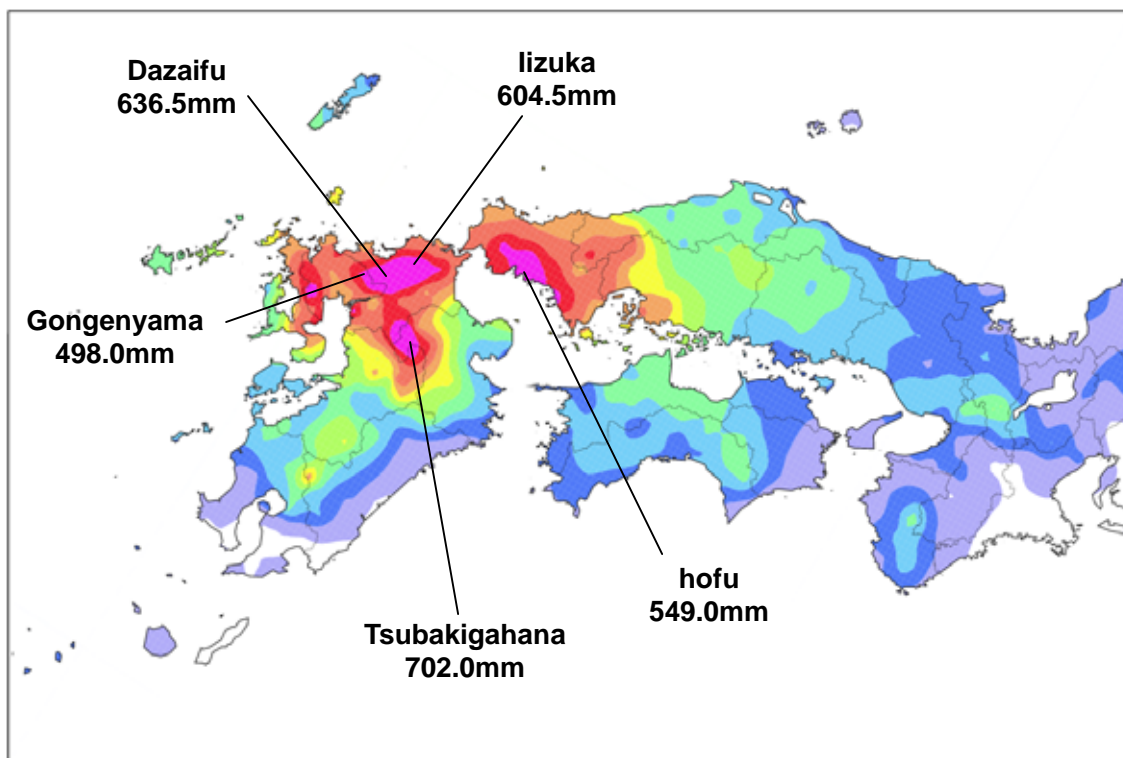
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| Weather condition | <p>The type of rain is typical during the last days of a rainy season in Japan. Warm and wet air called “shitsu-zetsu”, literally meaning “wet tongue”, blew into Tsushima Strait from the southwest, and stimulated the rainy front. Due to the phenomenon, cumulonimbus was formed above northern Kyushu one after another and triggered heavy rain over a prolonged period of time.</p> <p>In some areas, 100mm of local rain was observed in an hour. Four cities in Fukuoka recorded more than 200mm of rainfall in four hours.</p> <p>Some areas received about 600mm of rain in three days and the monthly rainfall marked almost twice the amount of the average monthly rainfall in July.</p> |
| Characteristics of the disaster | <p>The long period of heavy rain have loosened the ground and caused mudslides and slope failures.</p> |
| Damages | <p>Death toll: 30 Casualties: 43</p> <p>In Hofu city located in Yamaguchi, 17 people lost their lives due to mudslides and slope failures.</p> <p>Number of damaged house is about 300 Number of inundated house is about 11000</p> |

(Damage information as of 10th August)

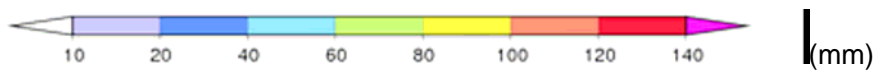
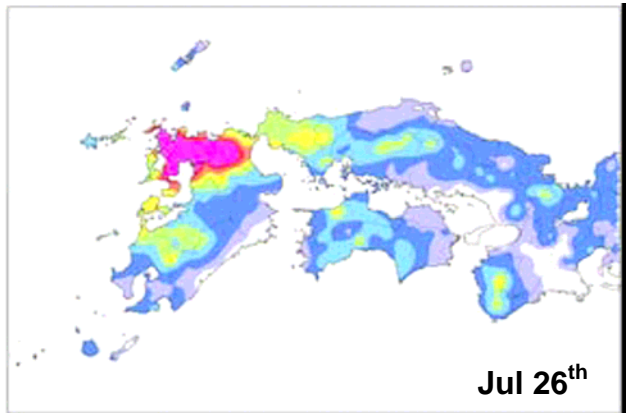
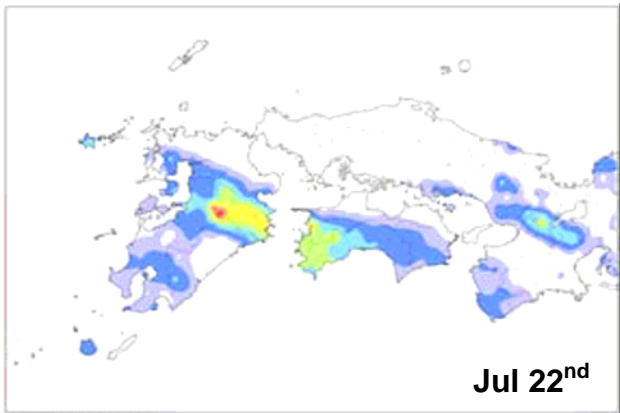
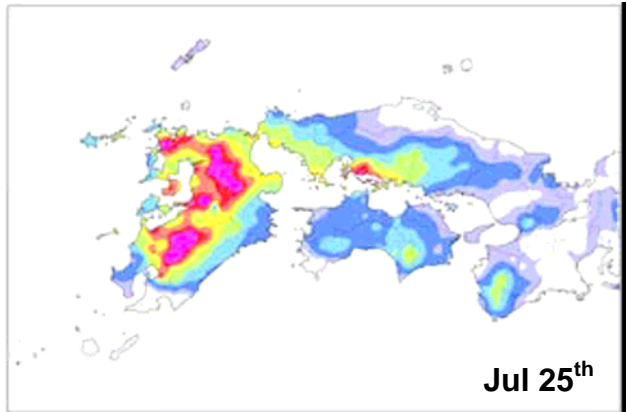
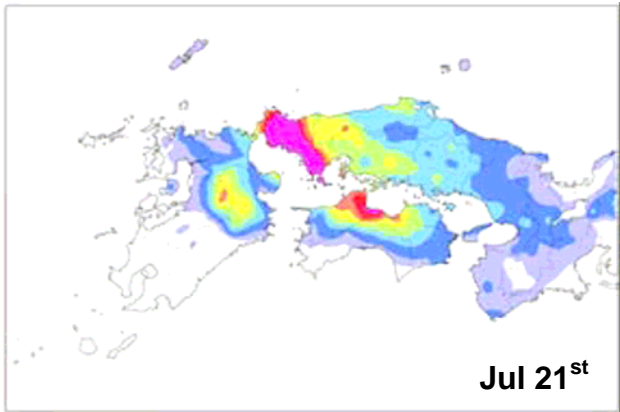
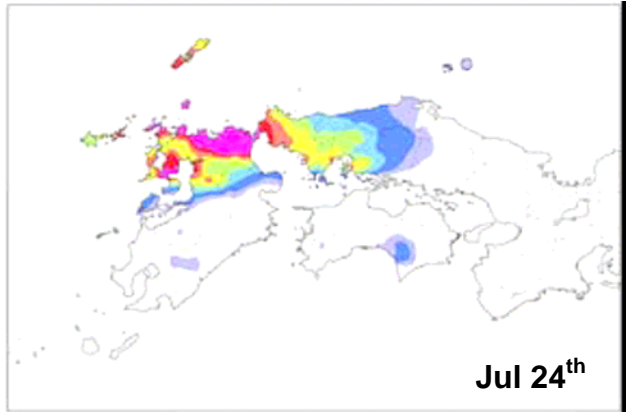
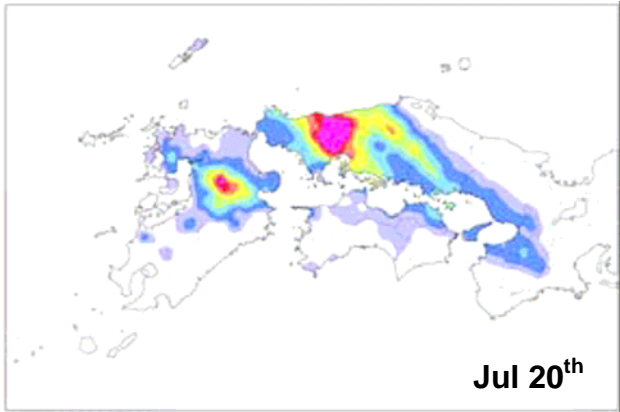
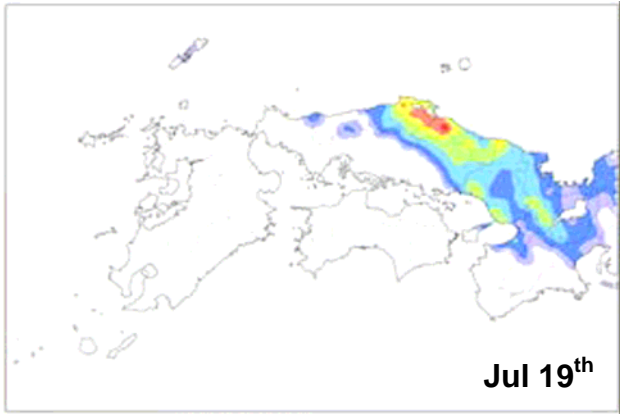
In East Asia, typhoon No.8 and No.9 occurred after the disaster and caused serious disaster in Japan and Taiwan.



max hourly rainfall (AMeDAS: from Jul 19th to 26th)



total rainfall (AMeDAS: from Jul 19th to 26th)



daily rainfall

<reference>

Japan Meteorology Agency (JMA) homepage :
<http://www.jma.go.jp/jma/indexe.html>

Fire and Disaster Management Agency of the Ministry of Internal Affairs and
Communications homepage : <http://www.fdma.go.jp/en/>

Ministry of Land, Infrastructure, Transport and Tourism homepage :
http://www.mlit.go.jp/index_e.html

Yamaguchi Prefecture homepage : <http://www.pref.yamaguchi.lg.jp/>

Fukuoka Prefecture homepage :
<http://www.pref.fukuoka.lg.jp/somu/multilingual/english/top.html>