

Region	Areas at risk	Headline
Eastern Asia	Japan, primarily Honshu Island	<p>Typhoon Hagibis will track northeast across the eastern part of Honshu Island late Friday and through Saturday.</p> <p>Although damaging winds and modest storm surge are likely along coastal regions from Osaka to Iwaki, for the majority of the area heavy rainfall (and subsequent flooding) is forecast to be the most impactful element of Hagibis.</p>

RAG rating

Likelihood

Impact

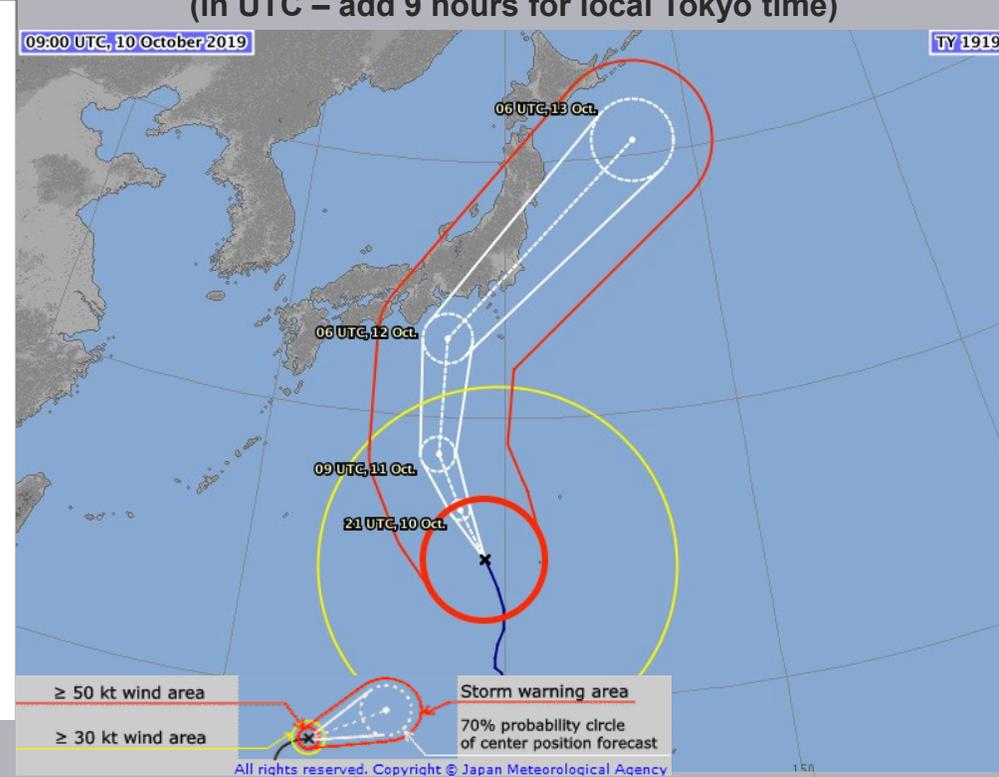
Meteorological impact

Wind: Hagibis will begin to quickly weaken as it approaches Japan through Friday, however hurricane force winds (sustained winds >64 mph) are expected to affect coastal areas from approximately Osaka to Iwaki. The strongest winds look likely to be across the Izu and Tateyama Peninsulas (in addition to outlying islands) where sustained winds are expected to reach around 90mph with gusts around 120mph. For most other areas (including central and northwestern Tokyo) wind speeds will remain below hurricane force.

Storm Surge and Seas: A modest storm surge between 1-2 metres in height is signalled by models, although this is very sensitive to storm track. Impacts will also depend upon phasing between peak surge and local high tides (typically a 1.5 metre tidal range in this area). Regardless of surge dangerous sea conditions will exist along Japans Pacific coastline, with large waves and strong currents affecting beaches.

Rainfall: For the majority of the region rainfall is expected to be the primary hazard. Typically in this area around 200mm of rainfall would fall through the whole of October. During this event within 24 hours (between late Friday and late Saturday) 150-300mm of rainfall is forecast fall widely across Honshu, with peaks of the order of 450mm over high ground. This will enhance the risk of landslides in mountainous regions, produce flash flooding, and is signalled to cause flooding on some of the islands larger slow responding rivers through until the middle of next week.

JMA track forecast for Hagibis (in UTC – add 9 hours for local Tokyo time)



Sources