

# The Kanbun South Kiisuido earthquake of February 27th, 1671, and its accompanied tsunami

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In the morning of February 27th, 1761 an eminent earthquake occurred in the western part of the Japanese Islands. There was no damage by the shaking of the earthquake, but it was felt strongly at Kochi, Wakayama, Iwakuni, and Ushimado in Okayama Prefecture. A small tsunami was recorded at Kannoura port, Kochi prefecture and at the mouth of the Kinokawa river, Wakayama city. Sea water climbed up to the residential area of the town of Kannoura port.

The hypocenter of this event was estimated at (134.6E, 32.8N), the point south off Kii straits . The magnitude was estimated by the radius of the seismic intensity 4 on JMA scale having 180 km, and is  $M=7.3$ . Hatori's tsunami magnitude is estimated at  $m=1$ , which is reasonable for the magnitude of the earthquake.

