



Water waves of asteroid impact in the lakes

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Meteorite fall occurred in Chelyabinsk (Russia) on February 15, 2013 results a damage in Chelyabinsk and nearest villages, 1613 injured. The eruption energy is estimated in 600 kilotons of TNT. One of the big fragments up to 650 kg falls in the Chebarkul Lake covered by ice with thickness of 70 cm. The diameter of the hole in ice is 7-8 m. Maximal depth of the lake is 13.5 m and its square is 19.8 km². This event pays attention to the possible waves of the asteroid origin in water basins. Known theories of generation of water waves are applied to estimate the hazardous parameters of the meteorite impact in the lakes.