

The non-frozen surface-of-a-lake appearance in the spring around the shore of Lake Hiroe, along the Soya Coast, Antarctica

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Sediment cores were taken from Lake Hiroe with an altitude of about 210m in Breidvagnipa along the Soya Coast on October 23, 2005. At that time, it was so cold that the freeze prevention measure of the cores taken needed to be performed in a hurry and there was ice thickness no less than 1.5m anywhere. Nevertheless, some surfaces of the lake along the shore of the lake did not freeze, and there observed ripples. It was checked also by throwing a pebble into the part of the lake. Here we report the results of the Lake Hiroe research expedition.