

For release
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By Major A.H. Thiessen
Science Service Meteorologist

Lakes in spring! In spring the incautious swimmer may find water at depths of only a few feet much colder than at the surface, This is because all winter long the water at the bottom of lakes and ponds had a temperature of 39 degrees, as water is densest at that temperature. As soon as the surface ice melts, the surface water becomes warmer and hence denser than the layer immediately under it and there is an interchange. This condition continues until finally the whole lake body is involved and has attained a temperature of 39. Then the top layer warms up, becomes lighter and stays on top, and as there is then no interchange except that caused by the wind the lower layers may remain very cold.