

## The Wave Pool

*This page considers water waves in the wave pool.*

1. How long is one wavelength?
2. What is the period of a wave?
3. What is the velocity of a water wave in the wave pool?
4. What is the total volume of water in the wave pool?
  
5. If the wave pool were your private pure H<sub>2</sub>O source after a catastrophic aquifer event, how many day's supply would there be for yourself and 4 of your closest friends if you were to continue to drink the eight 8 oz glasses of water per day as recommended by the FDA?