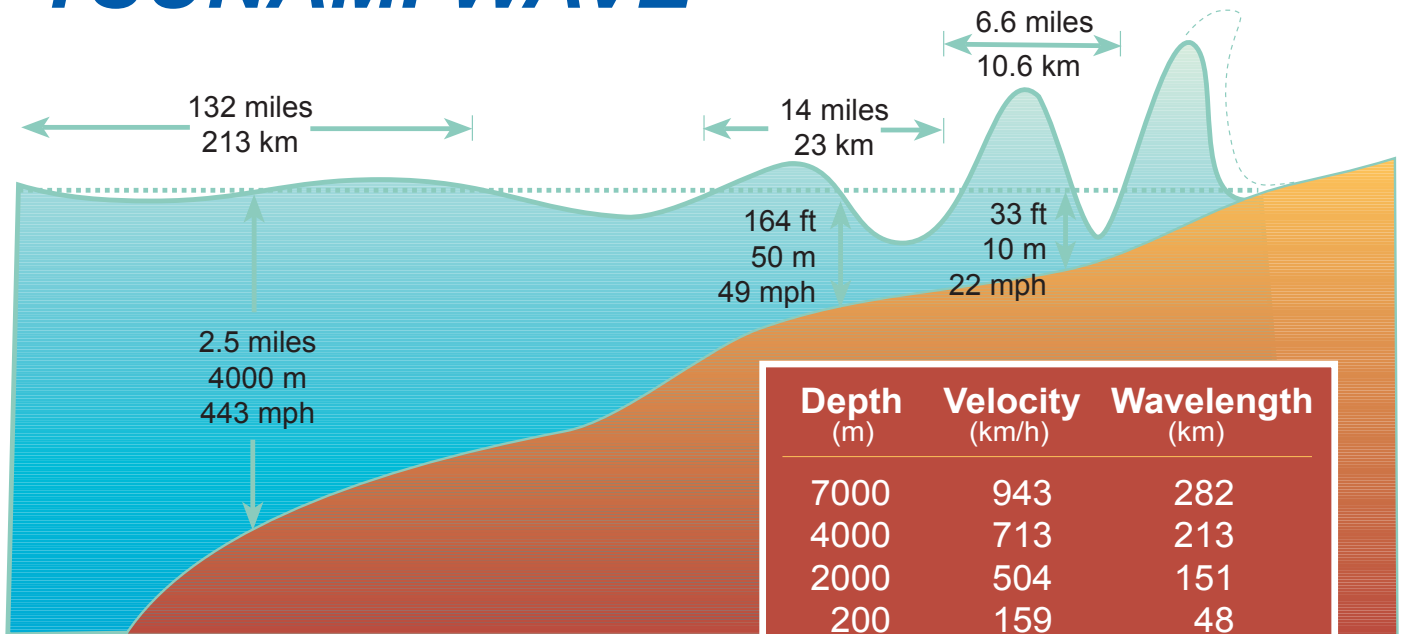


# TSUNAMI WAVE



***As it enters shallow water, tsunami wave speed slows and its height increases, creating destructive, life-threatening waves.***

| Depth<br>(m) | Velocity<br>(km/h) | Wavelength<br>(km) |
|--------------|--------------------|--------------------|
| 7000         | 943                | 282                |
| 4000         | 713                | 213                |
| 2000         | 504                | 151                |
| 200          | 159                | 48                 |
| 50           | 79                 | 23                 |
| 10           | 36                 | 11                 |

| Depth<br>(miles) | Velocity<br>(mph) | Wavelength<br>(miles) |
|------------------|-------------------|-----------------------|
| 4.4              | 586               | 175                   |
| 2.5              | 443               | 132                   |
| 1.2              | 313               | 94                    |
| 635 ft           | 99                | 30                    |
| 164 ft           | 49                | 14                    |
| 33 ft            | 22                | 6.6                   |



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