

Ocean Ups and Downs

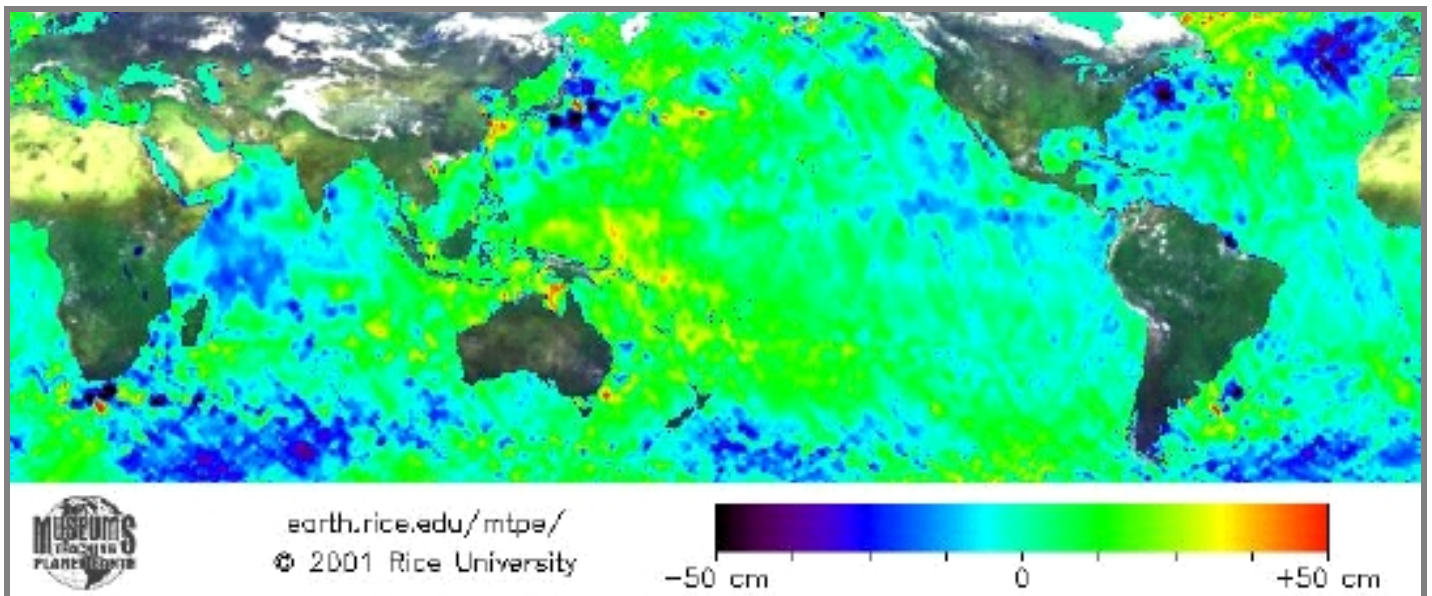
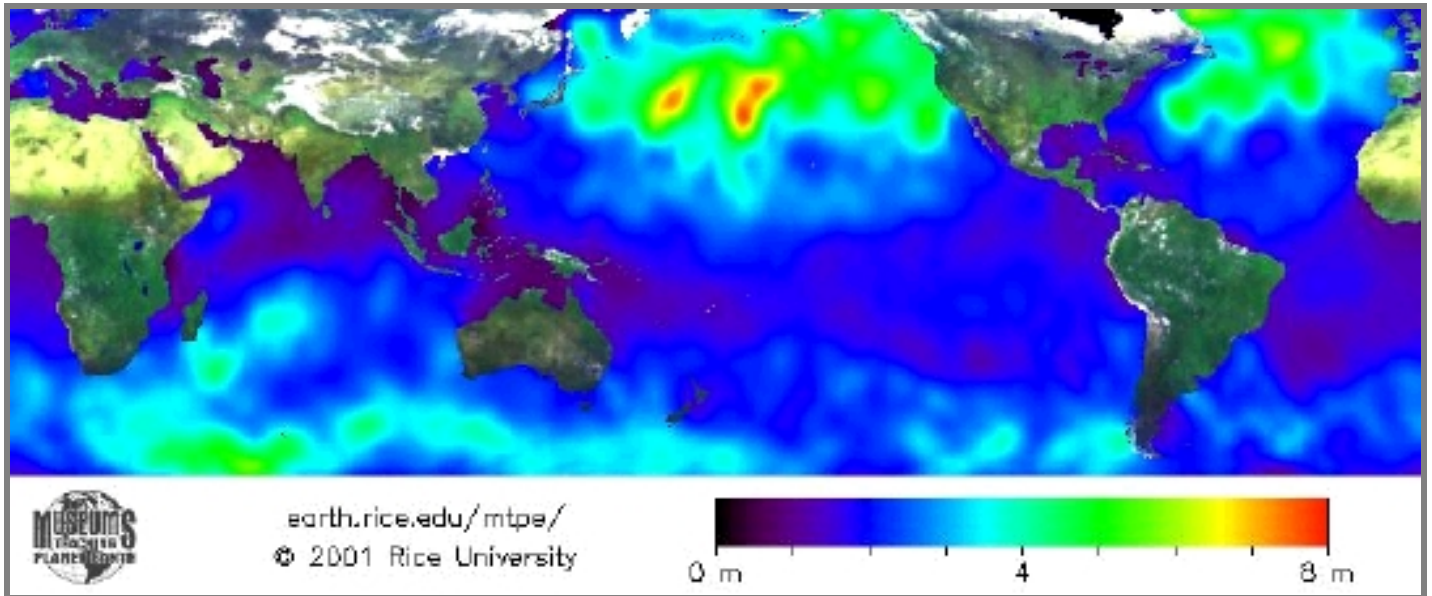


Introduction

The top map shows the height of ocean waves for a period in mid January 2001. The bottom map shows the height of the sea surface for a similar period (as a change from average values).



Is there a relationship between the height of ocean waves and the sea surface height?





Displaying Data

Select 20 places on the map. For each place, record the ocean height and the wave height. Then make a graph of these points.

_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
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Analyzing Data

Describe the relationship between the ocean height and the height of ocean waves. Think of an explanation for the relationship you have found.