

Oceanography Study Guide

Answers

1. freshwater
2. estuary
3. intertidal
4. open-ocean
5. sunlight
6. It can pollute beaches and kill marine animals.
7. Animals can mistake it for food and choke on it.
8. surface currents
9. deep currents
10. global winds, the Coriolis effect, and continental deflections
11. the Coriolis effect
12. It changes direction
13. changes direction
14. the Gulf Stream
15. Antarctic Bottom water
16. It sinks towards the ocean floor

17. They create unusually warm climates for the latitude.
18. Its climate would be warmer
19. El Nino
20. La Nina
21. buoys
22. drought
23. rains, flash floods, mudslides in areas where there is usually little rain
24. Nutrients will not be brought up to the surface. Plankton could die which would then cause fish to die.
25. crest and trough
26. crest
27. trough
28. wavelength
29. divide the wavelength by the wave period

30. longshore currents

31. swells

32. tsunamis

33. force from the quake pushes a large body of water up from the ocean floor.

34. tides

35. moon

36. The moon's gravity is pulling the ocean water into a bulge.

37. tidal range

38. tidal bore

39. factor that changes

40. what you measure

41. group that does not receive the independent variable

42. factors held constant

43. A. fertilizer

B. the number of roses produced

C. the plant that doesn't get the fertilizer

D. The same type of plant