

SEA LEVEL RISE MAP: KEY

1. On the map, shade in the topography that would be covered with water if ocean levels rose 25 feet.
ANSWER: See map below.
2. Which of the following causes sea level rise? Melting glaciers, melting sea ice, glacier formation or icebergs?
ANSWER: Melting glaciers.
3. Based on the map, what impact does SLR have on the people in this community?
ANSWER: Trailer park flooded. Roads, homes, & businesses flooded. Parts of golf course flooded.
4. Why does the shaded area (the 25 foot line) extend so far inland?
ANSWER: Elevation is not constant. There are low lying areas inland as well.
5. What might be some possible consequences to their the water supply?
ANSWER: Ground water (freshwater) will become salty (saltwater intrusion) and their water table will rise.
6. Using the map scale, what is the distance from point A to B?
ANSWER: 9,000 feet.
7. If you were choosing a place to live near the coast, how would a topographic map help?
ANSWER: It will help identify low lying areas.

