

















**Table 16-1 Factors in the Rise and Fall of Sea Level in the Twentieth Century (in centimeters)**

|                         | Best estimate | Possible range |
|-------------------------|---------------|----------------|
| Thermal expansion       |               |                |
| Surface water           | +5            | +1.5 to +7     |
| Deep water              | ?             | ?              |
| Melting of land ice     |               |                |
| Mountain glaciers       | +3            | +2 to +4.6     |
| Antarctic ice           | ?             | -10 to +13     |
| Greenland ice           | +2.5          | +2.3 to +2.5   |
| All factors             | +10.5         | -4 to +27      |
| Observed sea level rise | +15           | +12 to +20     |









