

Name: _____

Topic/Date: _____

Global Warming

1. Global Warming

Scientific background

Temperature increase of 1.5°C (2.7°F) since 1950
 Sea level rise 1993-2018: 10.4 cm (4.1 in.)
 Ice sheet loss: 264 Gt (2010-2016)
 Ocean warming: 0.11°C (0.2°F) since 1970
 Ocean acidification: 0.1 pH units since 1980
 Sea level rise: 3.1 mm (0.12 in.) since 1993
 Global mean surface temperature: 1.1°C (2.0°F) since 1950
 Global mean sea level: 10.4 cm (4.1 in.) since 1993

Scientific evidence

- Temperature records for 150 years
- Sea level rise from tide gauges
- Sea level rise from satellite altimetry
- Ice sheet loss from satellite altimetry
- Ocean warming from satellite altimetry
- Ocean acidification from satellite altimetry
- Sea level rise from satellite altimetry

2. Consequences

