The World – Greenhouse Effect

Greenhouse Effect

Sunlight penetrates the atmosphere and heats the earth. The earth’s atmosphere acts as a greenhouse, reflecting part of the light and heat back to the space. On the other hand, it prevents the earth from being too much hot. The earth can therefore maintain a stable temperature.

Estimated Effects of Global Warming on Crop Yields

1. Global warming increases temperatures, affecting crop yields.
2. Greenhouse gases, such as CO₂, methane (CH₄), and nitrous oxide (N₂O), trap heat in the atmosphere, causing global warming.

Weather Forecast for the 21st Century

Future climate predictions indicate a significant increase in temperature and changes in precipitation patterns.

Glacier Retreat

Historical data from various glaciers around the world show a steady retreat over time, likely due to global warming.