Week 31 – Physical Science 18-25Mar13

Dust Bowl – 50 classroom points Mr. Stewart

HS-ESS2-b – Construct an evidence-based argument about how a natural or human-caused change to one part of an Earth system can create feedback that causes changes in that system or other systems.

Modern civilization depends on major technological systems and these are critical aspects of decisions about technology usage. Local real world examples could include how removing ground vegetation causes an increase in water runoff and soil erosion; building reservoirs increases groundwater recharge; installing a coastal rock jetty changes current and resulting beach erosion patters; removing wetlands causes a decrease in local humidity that further reduces the wetland extent; diminishing glacial ice reduces the amount of sunlight reflected from Earth’s surface, which increases surface temperatures and further reduces the amount of ice.