

SIO 15 (Fall 2024) – Week 6 worksheet – Topics 14 - 16

~~FULL NAME AND STUDENT ID:~~

- The Mississippi River

- The San Diego River

- Levees – pros, cons, failure modes

- hydrographs; flood stage; steepness of rising and falling limbs

- infiltration and runoff in rural and urban areas

- insolation; why do we have seasons

- air pressure and density with altitude; temperature with altitude and atmospheric layers

- Earth's climate zones; oceans as climate moderators

- adiabatic changes in the atmosphere

- Earth's spin and the Coriolis Effect

- Earth principal air circulation cells; wind belts