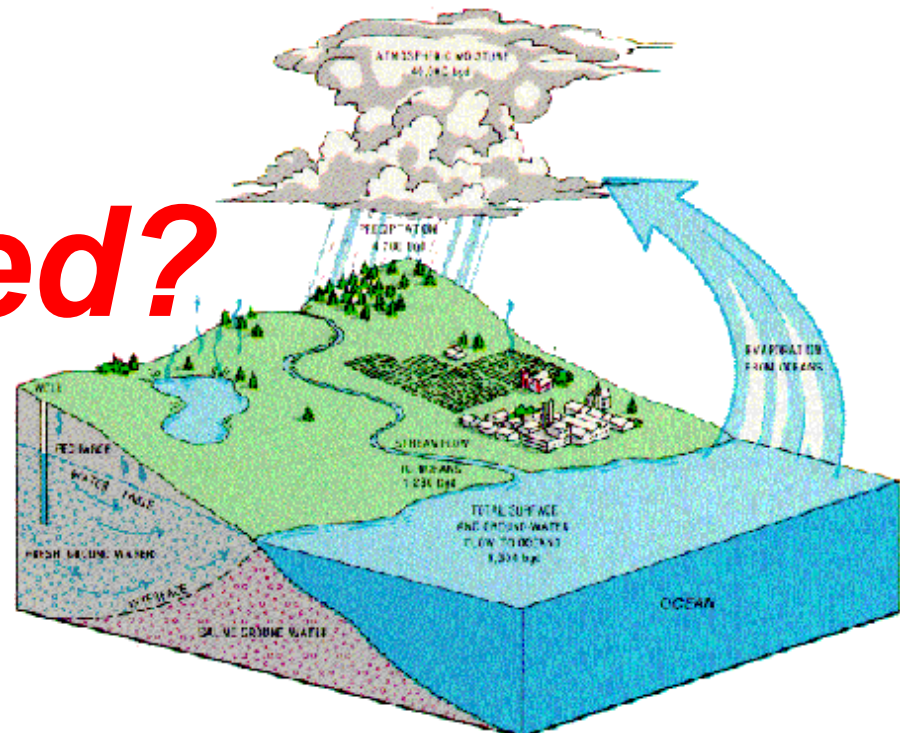
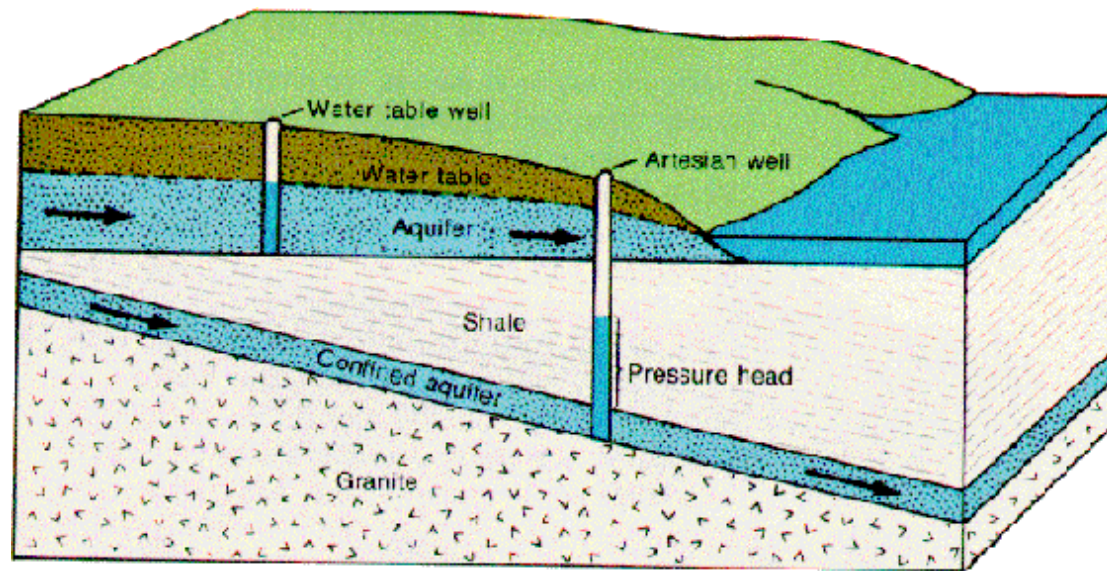


What is a watershed?

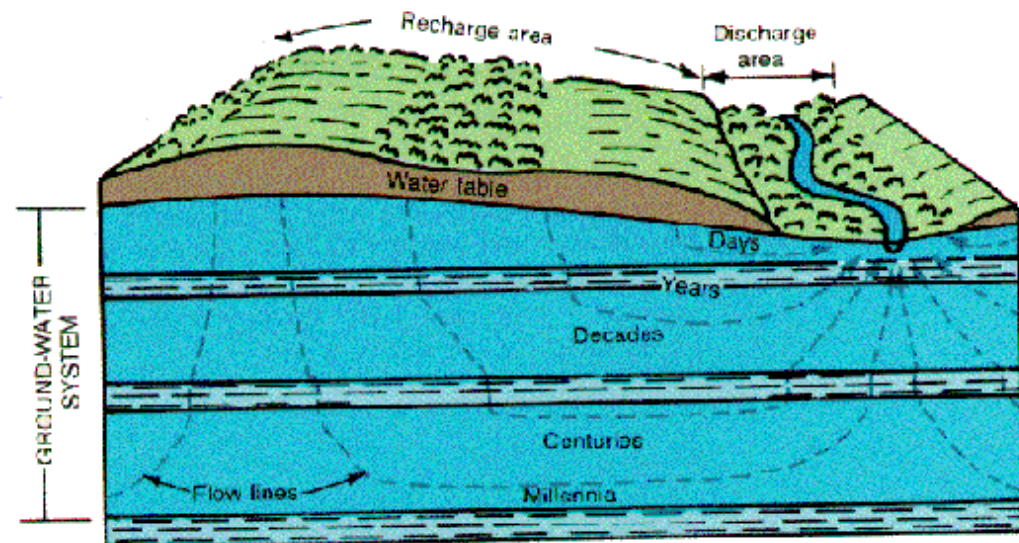
Hydrologic Cycle



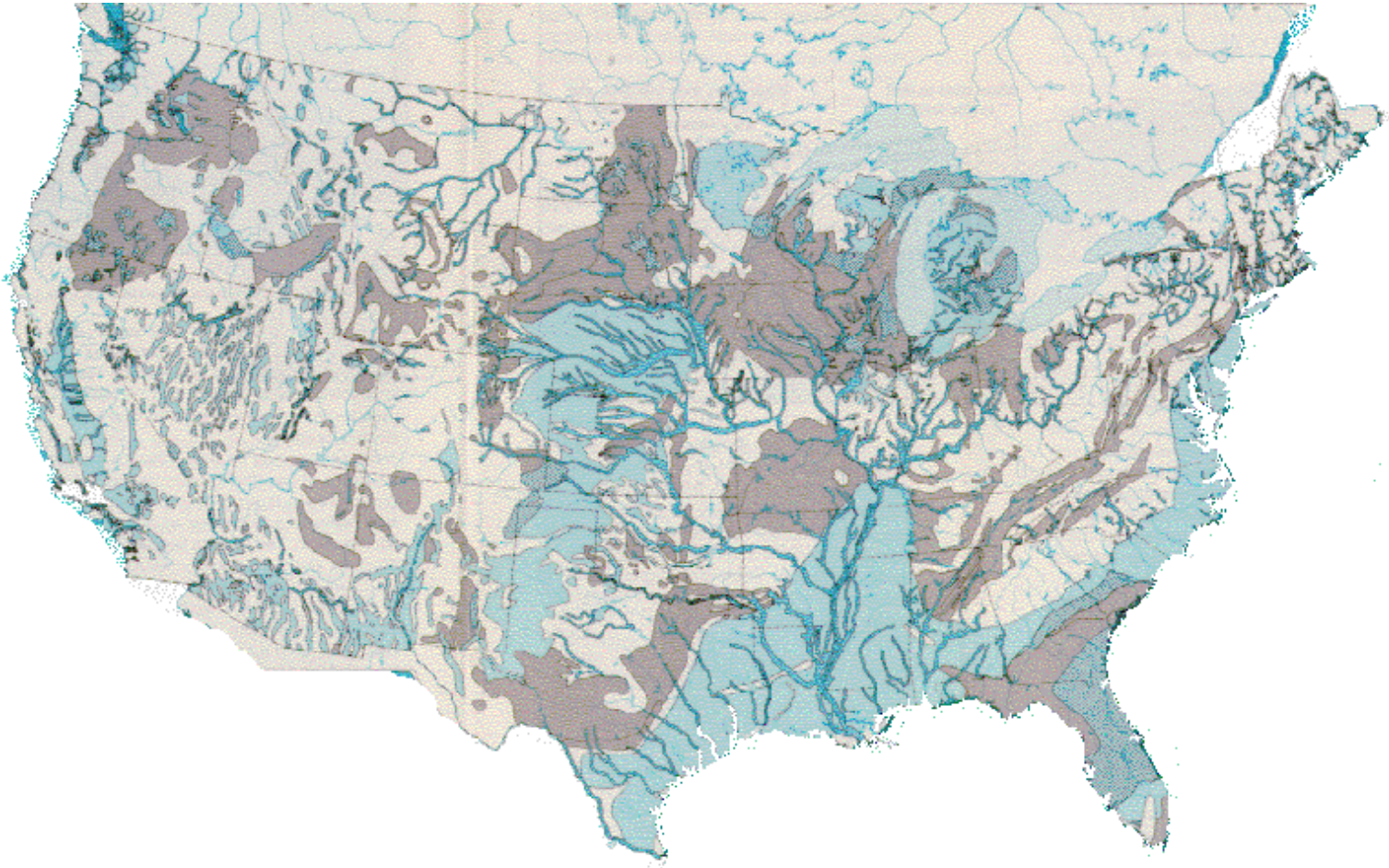
***physical makeup includes -
rock, soil, organic matter, water, topography***



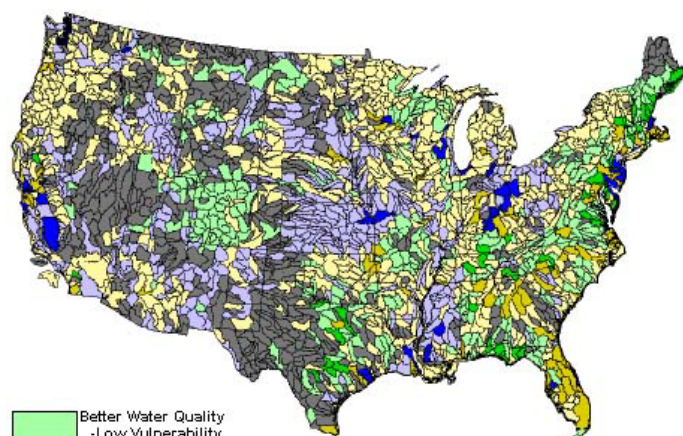
*influence of
geologic
parameters*



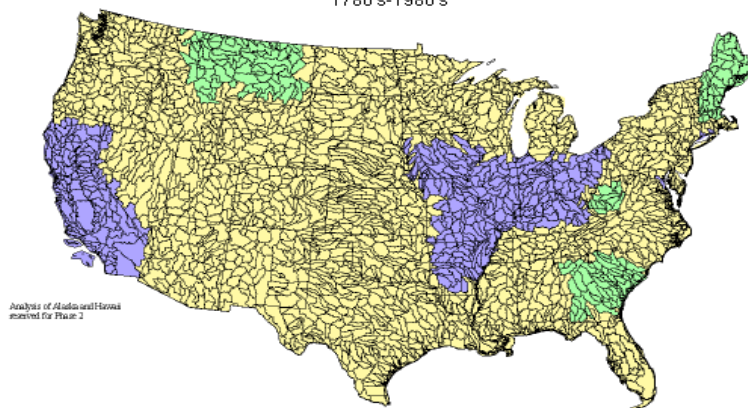
Groundwater Distribution



Watershed Quality in the U.S.



1780's-1980's



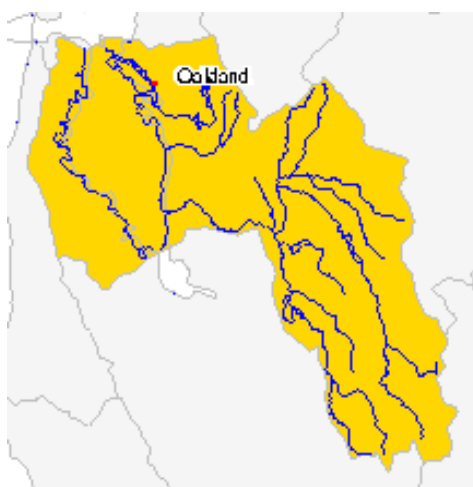
Analysis of Alaska and Hawaii
omitted for Phase 2

Watershed Classification
 Low Level of Wetland Loss
 Moderate Level of Wetland Loss
 High Level of Wetland Loss

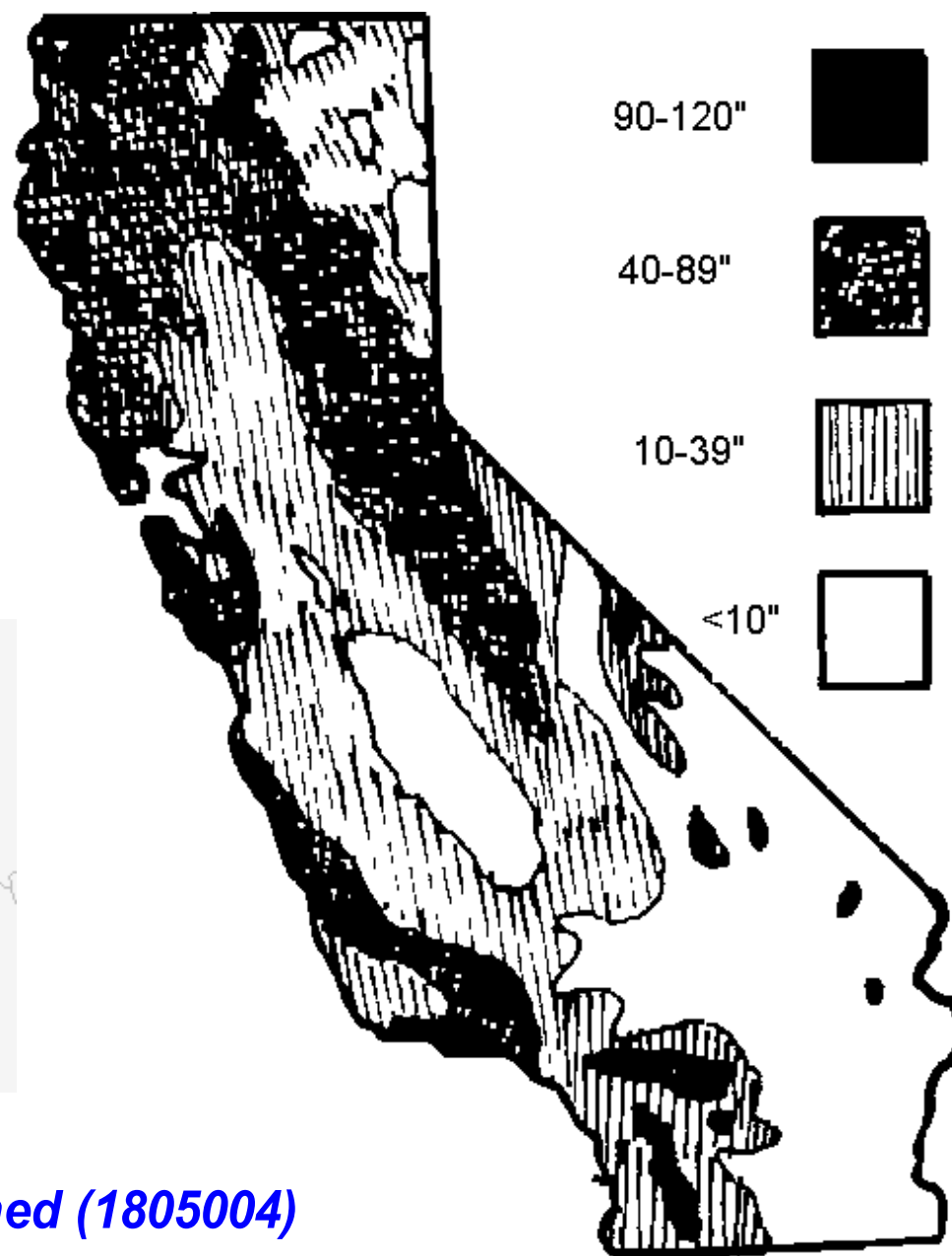
Index of Watershed
Indicators

Source: U.S. Fish and Wildlife Service

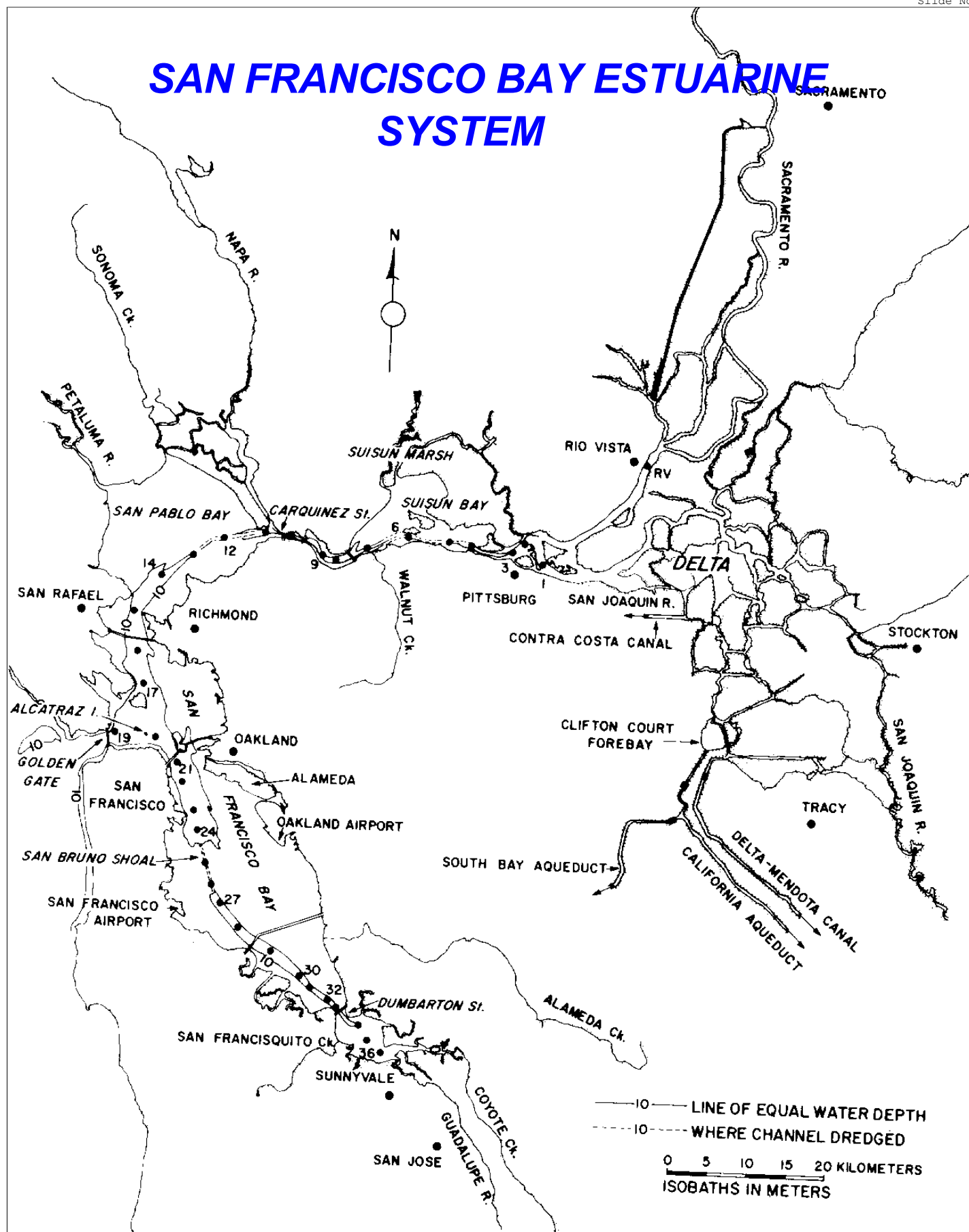
Precipitation in California



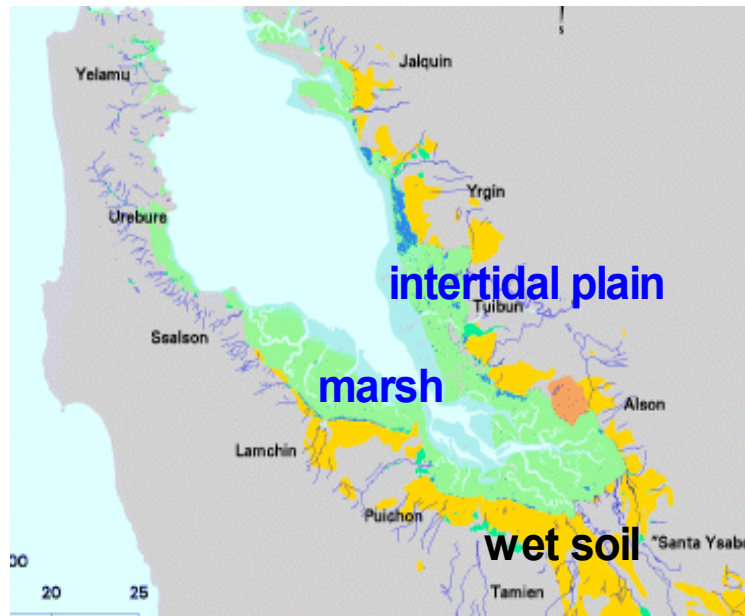
San Francisco Watershed (1805004)



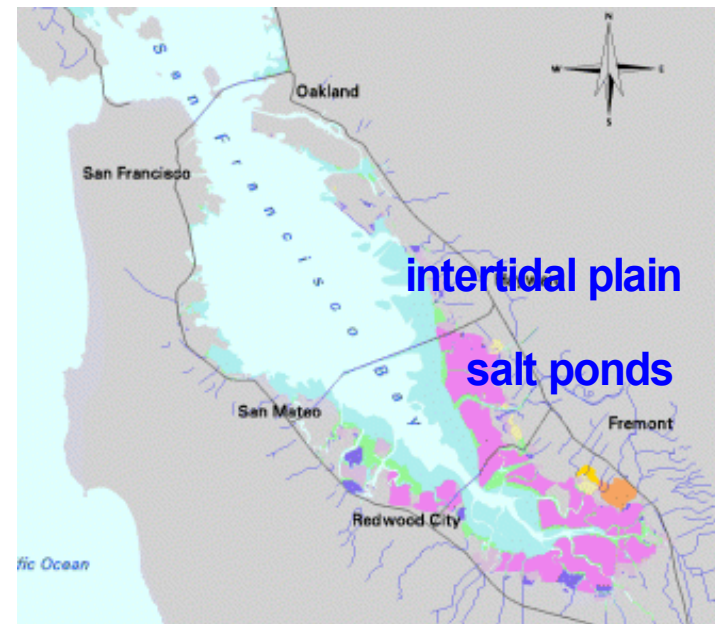
SAN FRANCISCO BAY ESTUARINE SYSTEM



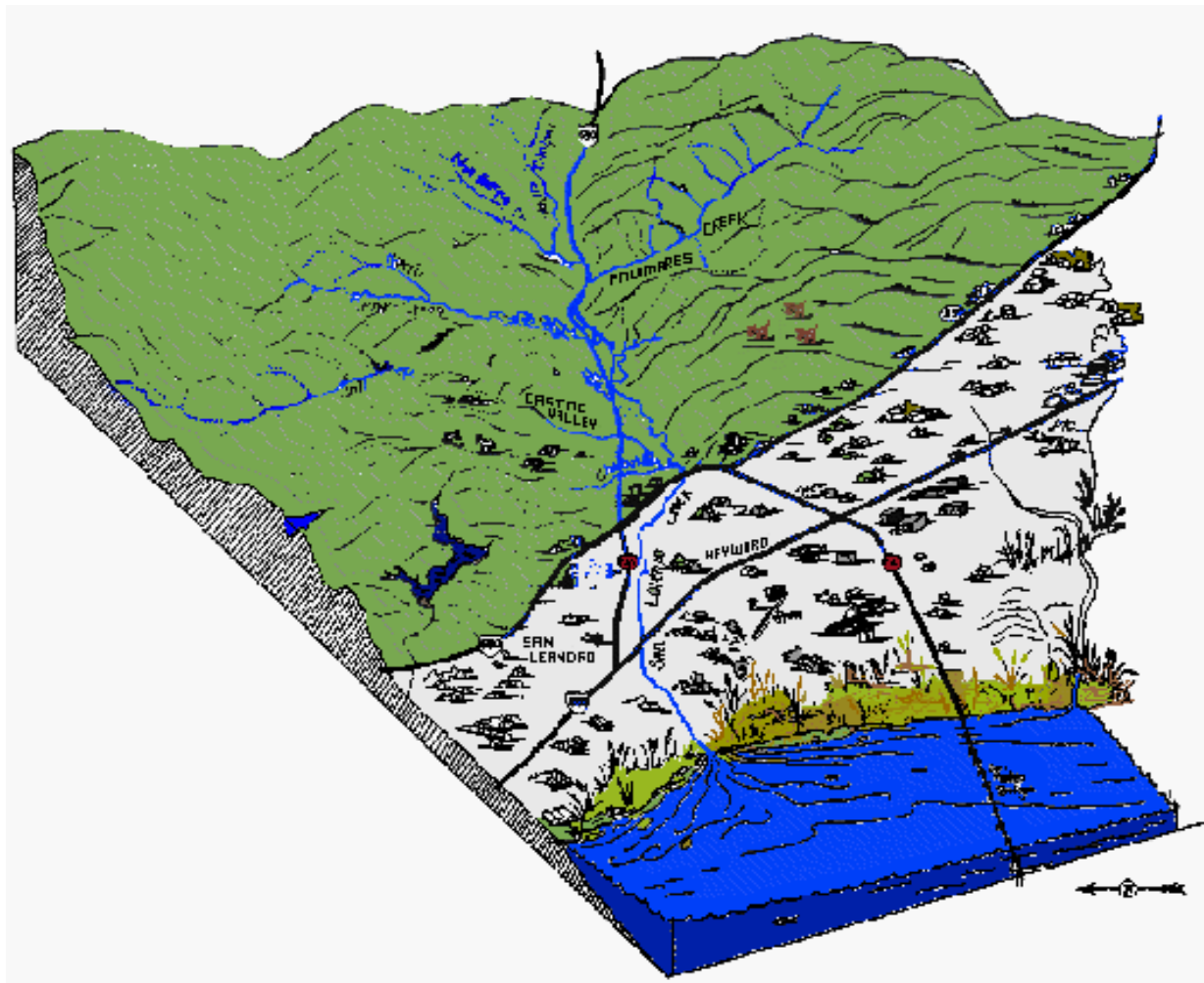
Wetland Evolution



1770-1820



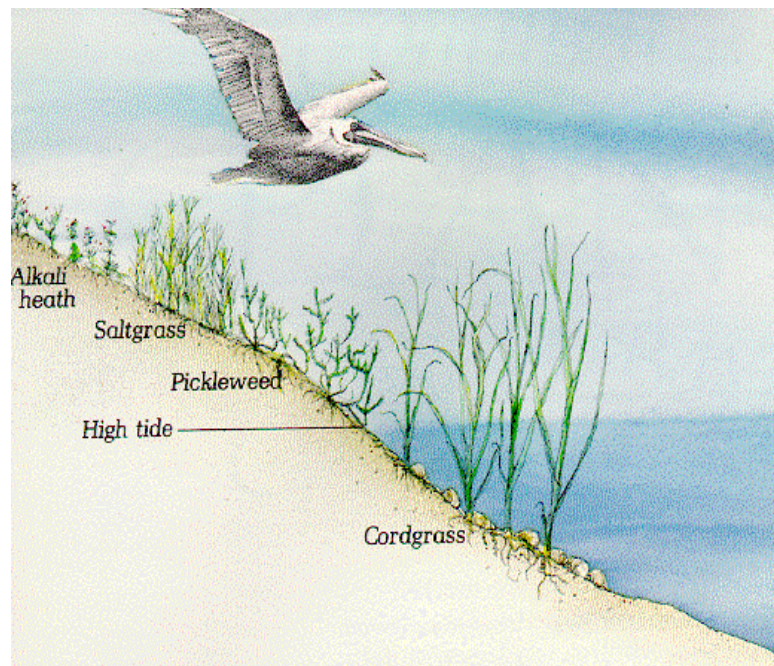
1985-1996



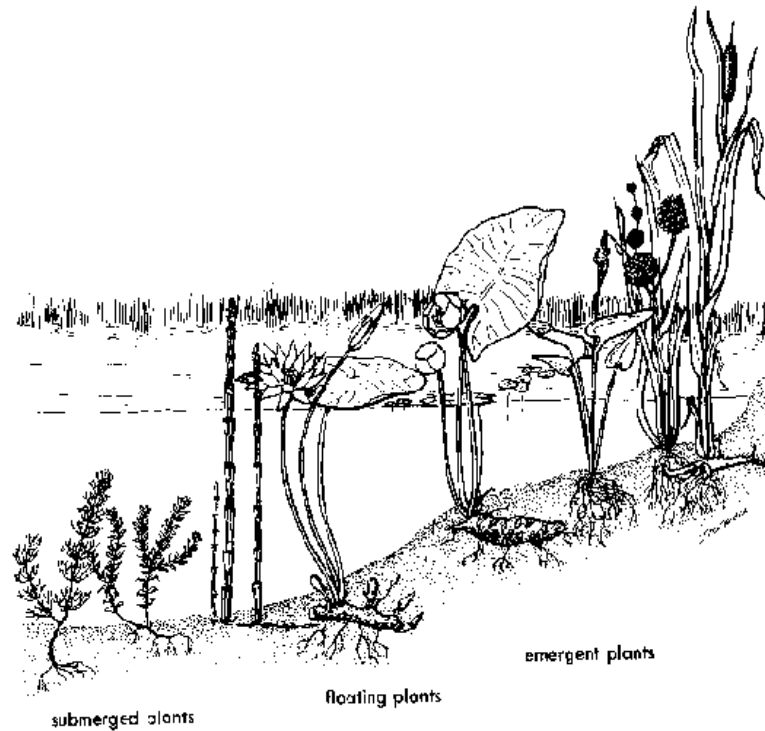
San Lorenzo Watershed

This is an example of a smaller watershed within the larger San Francisco Watershed area.

Biological Ecosystems



Brackish water



Fresh water

Biological Indicators of Water



clean water



clogging algae