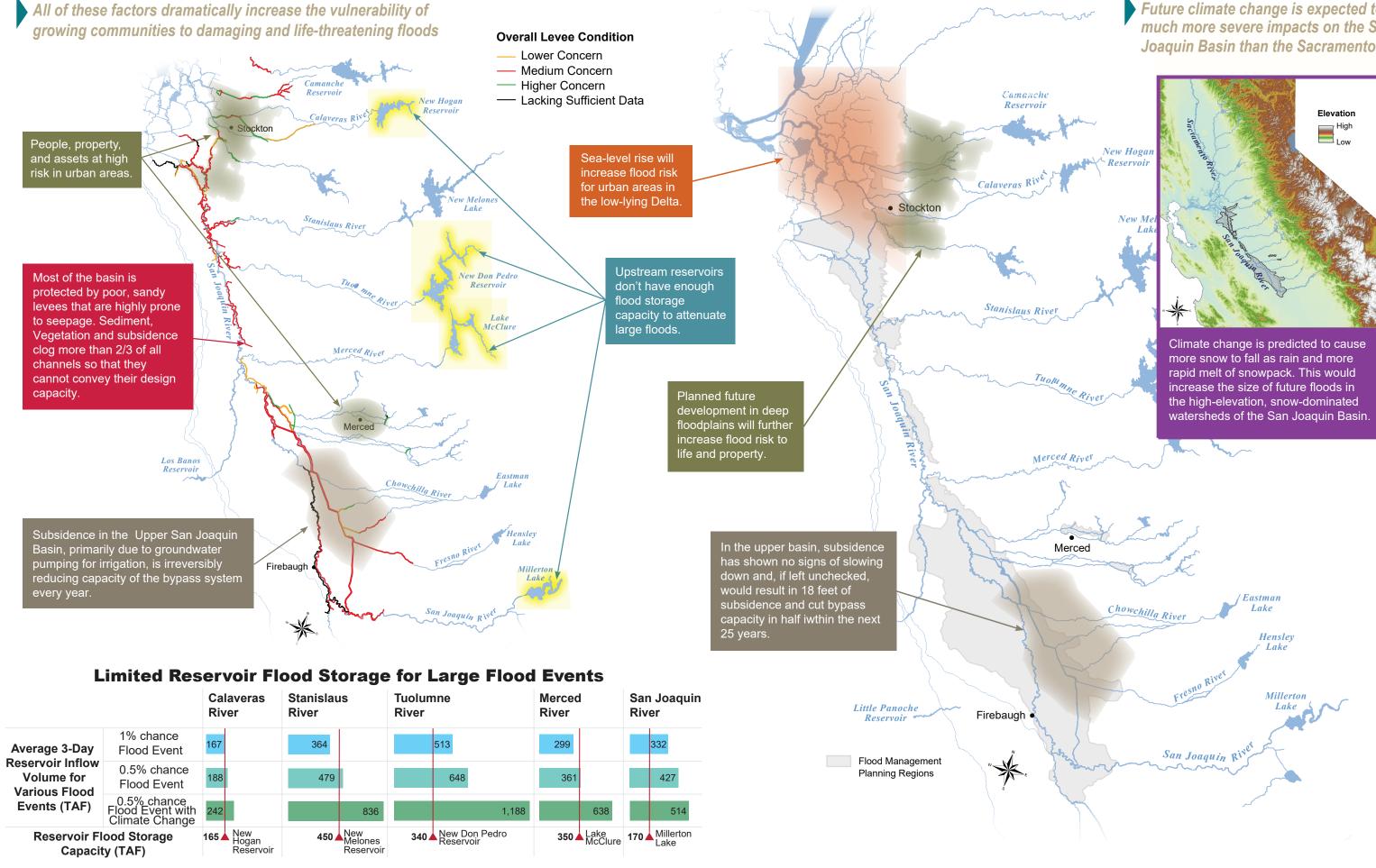
A Detoriorating Flood System

Future Trends Compound the Problem



Future climate change is expected to have much more severe impacts on the San Joaquin Basin than the Sacramento Basin.

Degraded Ecosystem

Riparian and Wetland Habitats

Ecosystem Processes

Natural hydrologic and geomorphic processes, such as floodplain inundation and channel meander, have been severely limited by stressors, such as levees and rock revetment designed to prevent erosion.

Species

Reduced habitats, limited ecosystem processes, and increases in stressors have resulted in declines of sensitive species, including those targeted by the Central Valley Flood System Conservation Strategy:

- Slough thistle

- Spring-run Chinook salmon
- Green sturgeon-southern DPS
- Giant garter snake

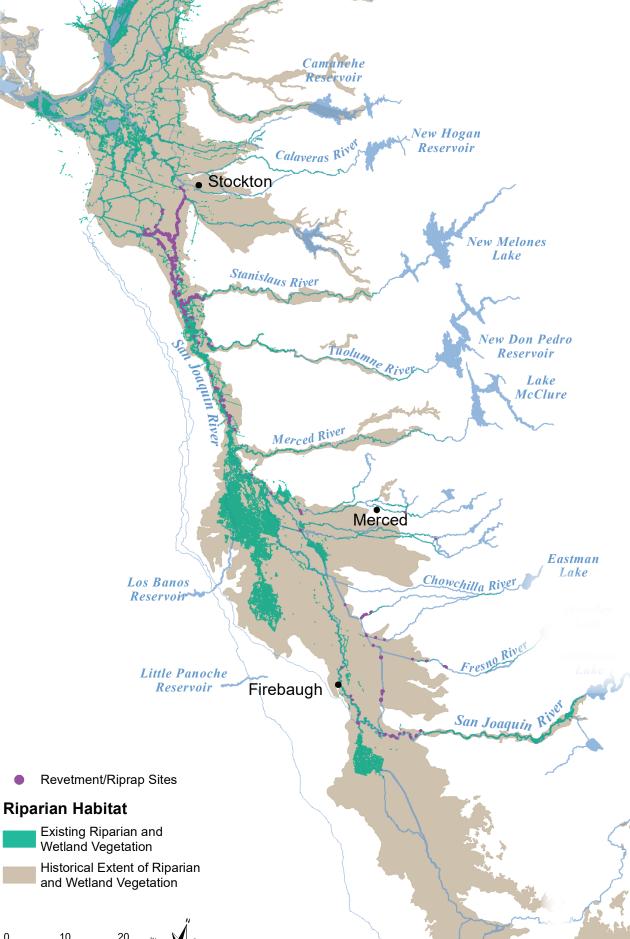


Active Floodplain



Typical Rock Revetment





- Delta button-celery
- Valley elderberry longhorn beetle
- California Central Valley steelhead DPS
- Fall-/late fall-run Chinook salmon

- California black rail
- Greater sandhill crane
- Least Bell's vireo
- Swainson's hawk
- Western yellow-billed cuckoo
- Riparian brush rabbit
- Riparian woodrat

The riparian brush rabbit is a federal and State endangered species that resides wholly with the San Joaquin basin

The greater sandhill crane and spring-run Chinook salmon, once abundant in the San Joaquin basin, are State-listed threatened species.