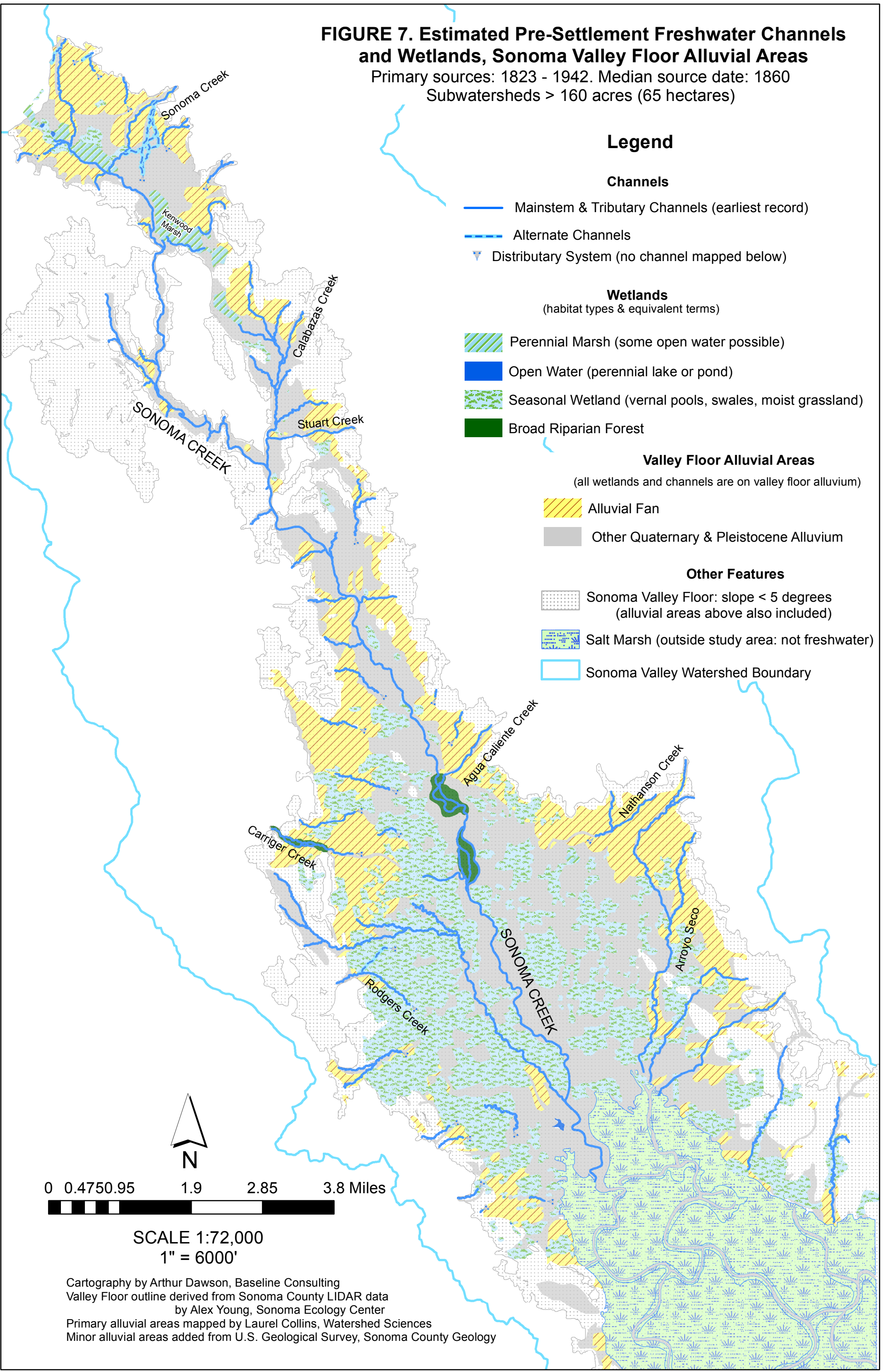


FIGURE 7. Estimated Pre-Settlement Freshwater Channels and Wetlands, Sonoma Valley Floor Alluvial Areas

Primary sources: 1823 - 1942. Median source date: 1860
Subwatersheds > 160 acres (65 hectares)



Legend

Channels

- Mainstem & Tributary Channels (earliest record)
- - - Alternate Channels
- ▽ Distributary System (no channel mapped below)

Wetlands

(habitat types & equivalent terms)

- Perennial Marsh (some open water possible)
- Open Water (perennial lake or pond)
- Seasonal Wetland (vernal pools, swales, moist grassland)
- Broad Riparian Forest

Valley Floor Alluvial Areas

(all wetlands and channels are on valley floor alluvium)

- Alluvial Fan
- Other Quaternary & Pleistocene Alluvium

Other Features

- Sonoma Valley Floor: slope < 5 degrees (alluvial areas above also included)
- Salt Marsh (outside study area: not freshwater)
- Sonoma Valley Watershed Boundary



0 0.4750.95 1.9 2.85 3.8 Miles



SCALE 1:72,000
1" = 6000'

Cartography by Arthur Dawson, Baseline Consulting
Valley Floor outline derived from Sonoma County LIDAR data
by Alex Young, Sonoma Ecology Center
Primary alluvial areas mapped by Laurel Collins, Watershed Sciences
Minor alluvial areas added from U.S. Geological Survey, Sonoma County Geology