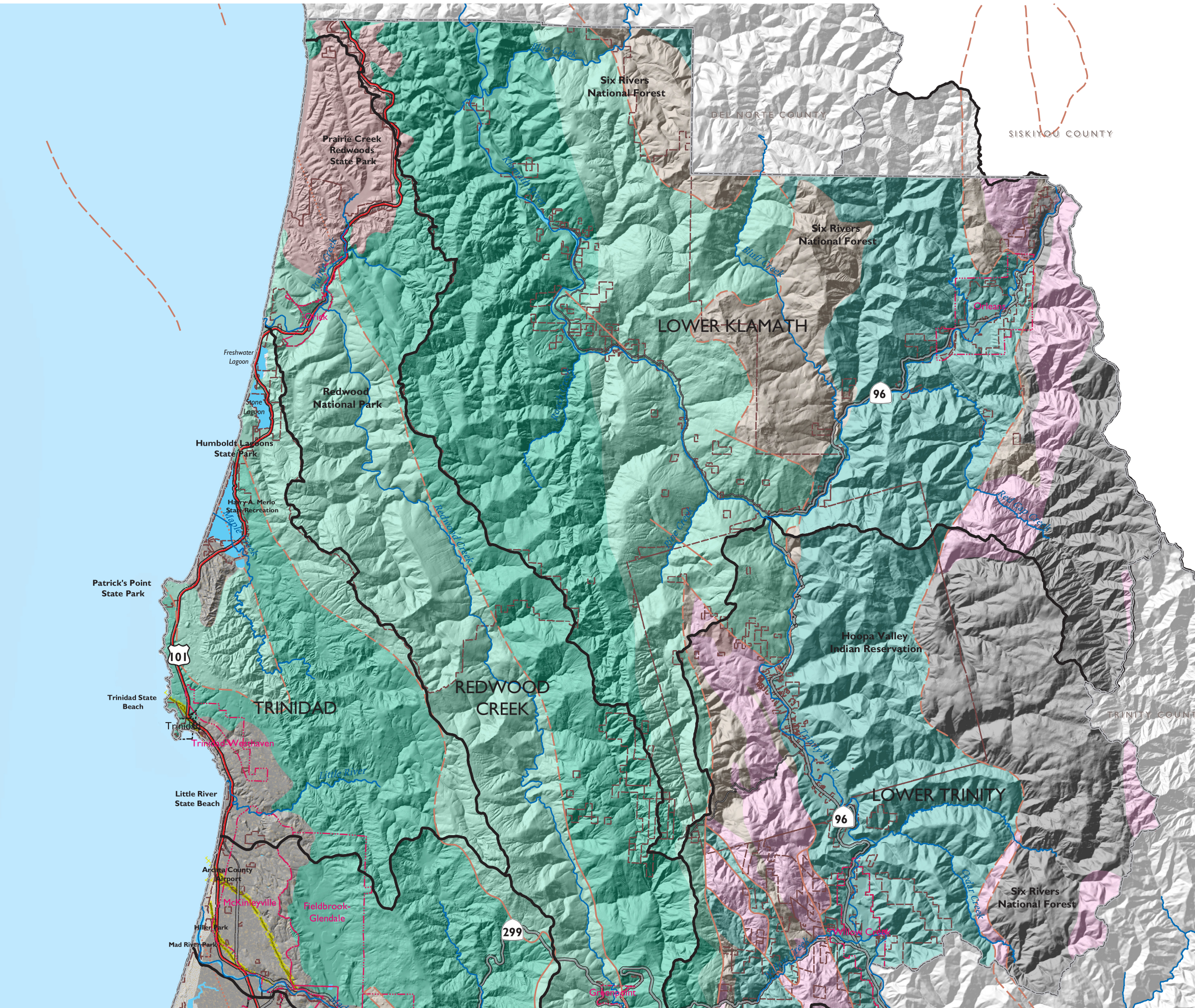


Figure 10-1a

# Northern Humboldt County Bedrock and Faults



Planning Watershed	Quaternary Alluvium non-marine, marine
County Boundary	Extensive sand dune deposits
Incorporated City	Plio-Pleistocene nonmarine, Pliocene nonmarine
Community Planning Area	Pliocene marine
HWY 101	Paleocene marine
US or State HWY	<b>Cenozoic Volcanic Rocks</b>
HWY or Secondary Road	Tertiary intrusive rocks
Major River or Stream	<b>Mesozoic-Paleozoic-Precambrian Sedimentary and Meta-Sedimentary Rocks</b>
Alquist Priolo Zone	Tertiary-Cretaceous Coastal Belt rocks
Alquist Priolo Zone Fault	Franciscan Complex
fault, certain	Franciscan schist
fault, approx. located	Jurassic marine
fault, concealed	Paleozoic marine, undivided
	<b>Cenozoic-Precambrian Plutonic, Metavolcanic, and Mixed Rocks</b>
	Mesozoic granitic rocks
	Mesozoic & Franciscan volcanic and metavolcanic rocks
	Ultramafic rocks, chiefly Mesozoic
	Undivided pre-Cenozoic meta-sedimentary and metavolcanic rocks

**Data Sources:**  
Bedrock and Faults datasets shown were derived from GIS Data for the Geologic Map of California distributed by the California Department of Conservation - Division of Mines and Geology, 2000. This digital database contains the geologic units and faults as shown on the Geologic Map of California by Charles W. Jennings published in 1977. Fault categories were simplified by locational certainty. Bedrock type colors may not exactly match those displayed on map. Alquist Priolo zones and faults digitized by HCCDS using State of California maps. Hydrography based on CDF's Fire Resource Assessment Project (FRAP) streams dataset downloaded from <http://frap.cdf.ca.gov/data/frapgisdata/select.asp>. Watershed Boundaries are based on CDF's Calwater v. 2.2 dataset also obtained from FRAP. Terrain shading is based on 10 Meter Digital Elevation Models from FRAP.

This map is intended for display purposes only and should not be used for precise measurement or navigation. Data has not been completely checked for accuracy.

Map produced by Humboldt County Community Development Services (HCCDS), July 2002.

