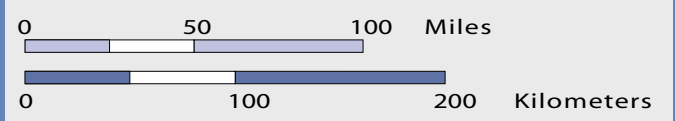
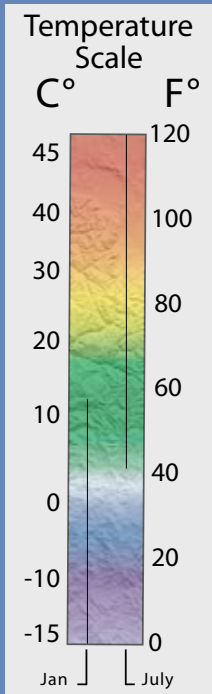


Maximum July Temperatures

Far away from the cooling effect of the Pacific Ocean, summer temperatures are warmest [red areas] in the southern San Joaquin Valley, Sierra Nevada **foothills**, inland coastal valleys, and the southeastern **deserts**. Death Valley in the Mojave Desert is often the warmest location in North America. Summer afternoon temperatures in this **interior** location commonly exceed 120°F. Cooler summer temperatures are common in the thinner **atmosphere** of the high Sierra Nevada, Lassen Peak, Mt. Shasta, and the Klamath Mountains [green areas]. In mid-**mountain** locations and along the coastline [yellow areas] temperatures fall somewhere between those in the scorching **deserts** and cool mountaintops. Pacific Ocean **fog** cools the entire coastline, but it is more common in the redwood **region** of Northern California (see the green area in Humboldt Bay) than in Southern California. Fog occurs when cold rising ocean water chills the layer of air just above it, causing tiny droplets of moisture to form into a dense cloud.



The sources and credits for this map are listed at <http://humboldt.edu/cga/atlas-sources-credits>. Note that this map is an 11x14 page, and not meant for 8.5x11 printing or use.