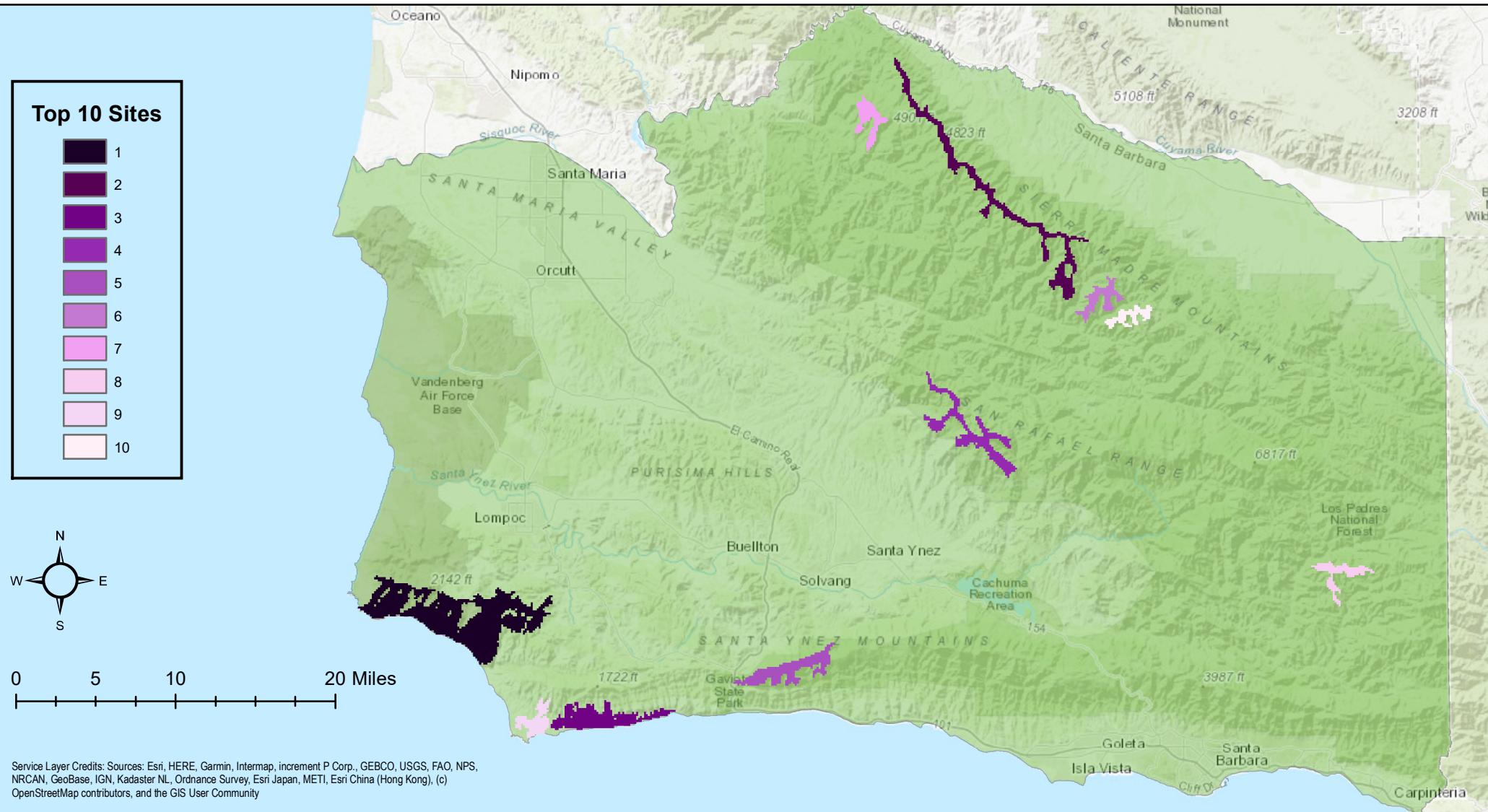


Top 10 Suitable Sites for Wind Turbines in Santa Barbara County



This map represents the top 10 suitable sites to install wind turbines in Santa Barbara County. The sites were calculated using the suitability requirements outlined by the Energy Division from the Planning and Development Office of Santa Barbara County. The suitability requirements are as follows:

Wind: Sites must have sufficient wind to power the turbines

Roads: Sites must be within 7.5 km of a major road

Airports: Sites cannot be within 7.5 km of an airport

Urban: Sites cannot be within 1 mile of an existing urban area, nor projected growth areas

Fire: Sites cannot be within fire hazard zones

Public: Sites cannot be on state or federal lands designated as parks or other public use

Map by: Kelsie Fronheiser 2/24/2020

Sources:

Wind: National Renewable Energy Laboratory (NREL) 2003 / Wind Energy Resource Atlas of the United States

Roads: Santa Barbara County GIS (SBCGIS) 2008

Airports: ESRI Data and Maps 2004

Urban: ESRI Data and Maps 2004, California Digital Atlas (Cal-Atlas) 2002

Fire: Fire and Resource Assessment Program (FRAP) 2008, FRAP 2007

Parcels: SBCGIS 2009

County: SBCGIS 2008