

## Sacramento (McClellan Air Base) (SAC)

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**Location:** 38.667 -121.400

**Elevation:** 35 m

**Vegetation:** urban includes disturbed grassland and wetland; planted species and invasive annuals. This Central Valley site is surrounded by urban and suburban development that continues to densify. Prior to development the vegetation was Central Valley grassland with riparian valley oak woodland and some blue oak woodland. The McClellan Air Base is approximated 1200 ha in extent and was developed from the McClellan field that was established in 1935. It provides a secure site for assessment of urban atmospheric deposition, invasive species and biogeochemistry. McClellan is a diverse military industrial center being transitioned into civilian use, for the most part. The base has over 150 industrial buildings and many unusual high-tech weapons support facilities, including the only industrial nuclear reactor operated by the Department of Defense. One of the base's main tenants was the Air Force Technical Applications Center which operated a global network of nuclear "event" detection systems. In addition to intelligence and communications activities, the base performed logistics and supply missions, as well as aircraft and equipment maintenance. It is currently performing aircraft maintenance on a DC-8 that may be used as an airborne instrument platform for national ecological research. Until its phasing out as a military base in the late 1990's, McClellan employed over 15,000. It officially closed in July, 2001, though thousands continue to work there, including a few hundred military. Continuing research collaborations with UC Davis scientists exist in soils, atmospheric chemistry, particulate chemistry, and remote sensing.

