

# ARROYO GRANDE CREEK



## ESTUARY FACT SHEET

**State Park Location:** Pismo State Beach  
**Coordinates:** 35.099651, -120.6289  
**Estuary Size:** 84.3 ha  
**Estuary Area within State Park:** 51.3%  
**Watershed Area:** 404 sq. km  
**Watershed in Conservation:** 25%

Arroyo Grande Creek estuary



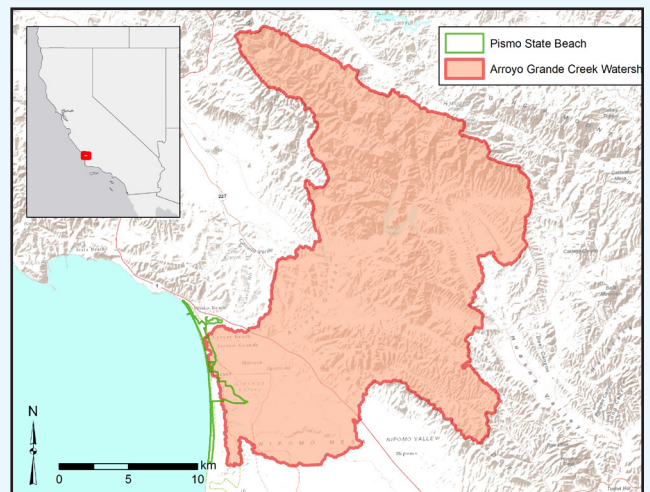
### CRAM Attribute and Index Scores

ATTRIBUTE	SITE SCORE	AVERAGE REGION SCORE
Buffer and Landscape	58	77
Hydrology	67	72
Physical Structure	69	72
Biotic Structure	90	77
<b>Index Score</b>	<b>71</b>	<b>74</b>

● Poor: 25-49   ● Fair: 50-74   ● Good: 75-100

CRAM index scores for the estuary compared to the Central Coast Region average. The site's CRAM score (71) fell into the fair condition category.

### Watershed Information



Watershed and state park location and boundary map.

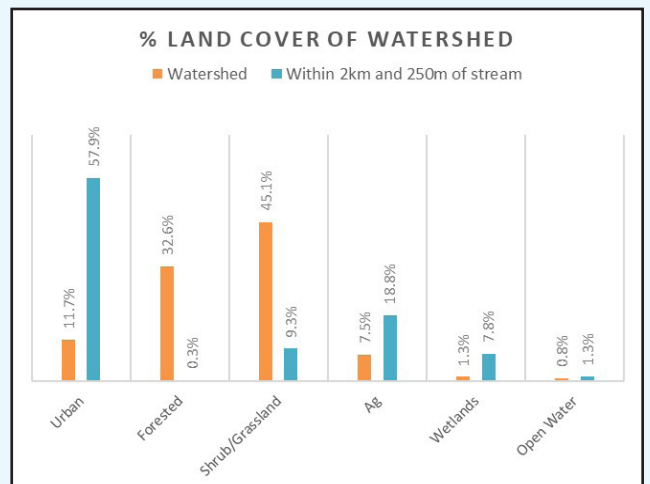
### Special Status Species

Brackish water snail	●
Coho salmon	●
Monarch butterfly	●
Red-legged frog	●
Saltmarsh common yellowthroat	●
Steelhead	●
Tidewater goby	●
Western pond turtle	●
Western snowy plover	●

● Present in estuary   ● Present in watershed

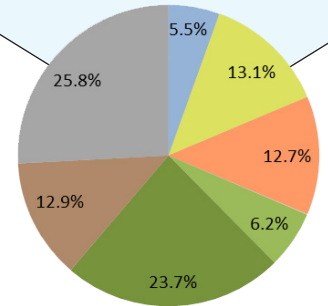
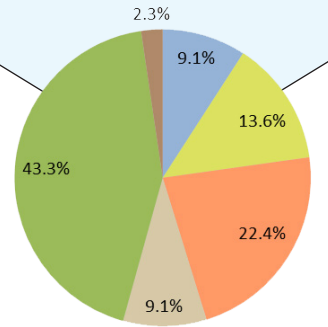
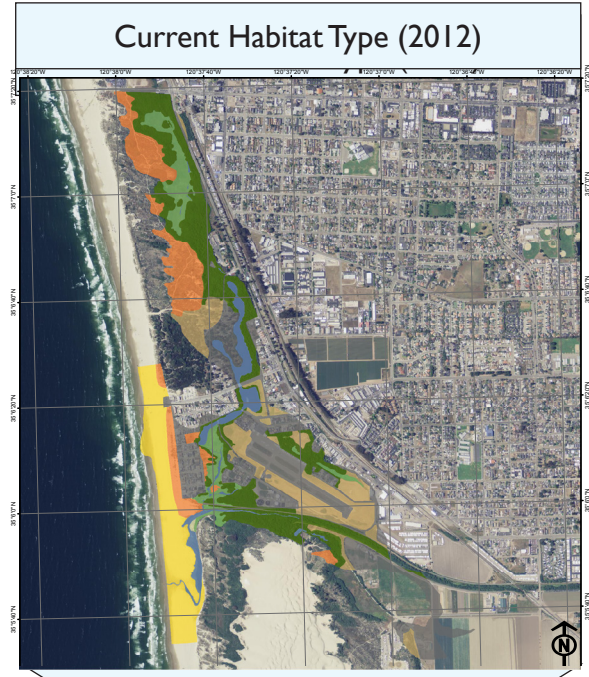
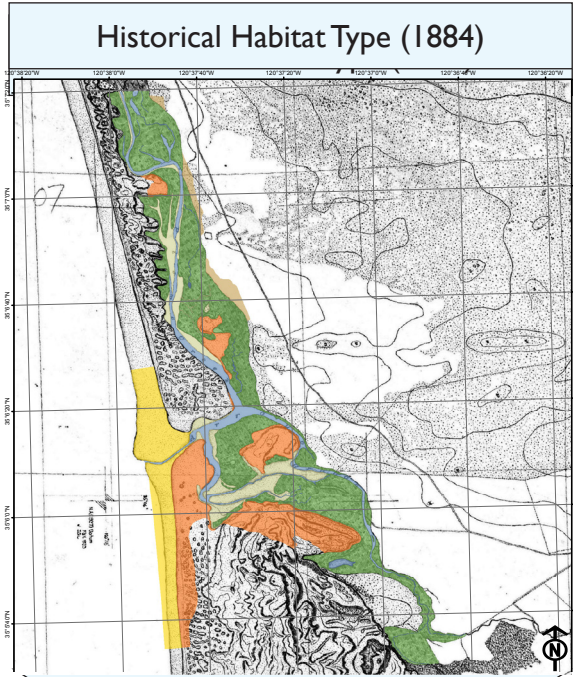
● No known presence

Known presence of select special status species at site (CNDDDB 2017).



Graph shows % land cover within entire watershed compared to within a buffer of 2km upstream of outlet and 250 meters from stream. Land cover within the watershed is dominated by shrub/grassland. Close to the stream it is dominated by urban area.

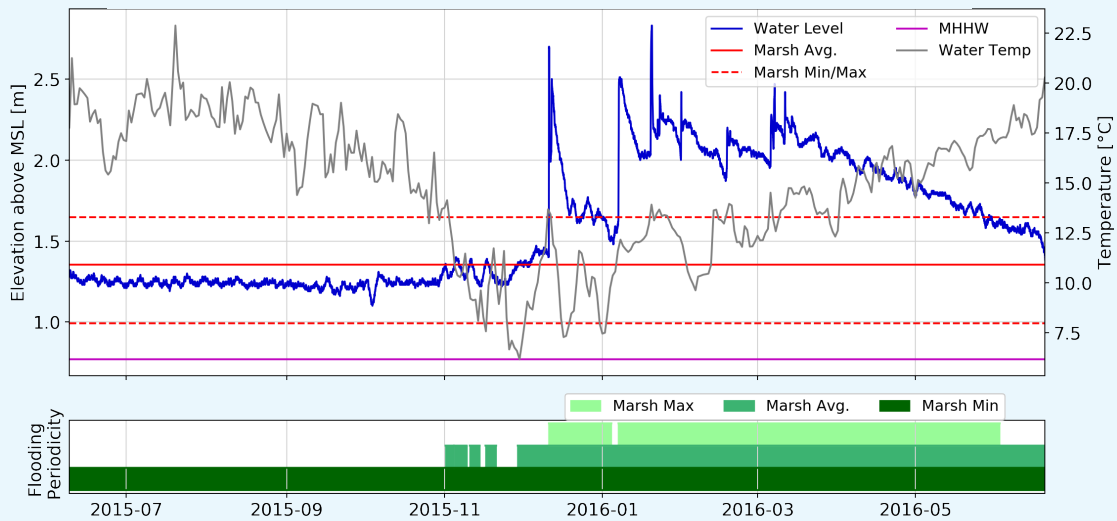
## Habitat Change Analysis



- Open Water
- Beach
- Dune
- Intertidal Flat Or Bar
- Vegetated Wetland
- Vegetated Woody
- Vegetated Upland
- Developed

Habitat type maps and charts for 1884 and 2012. Habitat maps use USGS T-Sheets for the historical map and National Agriculture Imagery Program (NAIP) imagery (2012) for the current map. Much of the estuary's historical vegetated wetland habitat has become vegetated upland habitat, vegetated woody habitat, or has been developed.

## Estuary Water Elevation and Temperature



Graph shows fluctuations in water elevation and temperature, as well as flooding periodicity of marsh plain from July 2015–May 2016. Water temperatures are daily mean values.