



**Marine Protected Area (MPA) Watch
Regional Report**
Santa Barbara County
January 1, 2019 – December 31, 2019



MPA Watch is a statewide collaborative effort to collect critical human use data to enhance the management and conservation of marine protected areas (MPAs). MPA Watch data informs the management, enforcement, and science of California's MPAs and allows us insight on how human uses are changing as a result of MPA implementation. By involving local communities in this important work, MPA Watch programs inspire and empower stewardship, and educate California communities about ocean ecosystems. MPA Watch trains volunteers to observe and collect unbiased data on coastal and marine resource use. The Santa Barbara Marine Protected Area (MPA) Watch Program, organized by Santa Barbara Channelkeeper, engages community scientists in conducting surveys in three MPAs in southern Santa Barbara County— Campus Point State Marine Conservation Area, Naples State Marine Conservation Area, and Kashtayit State Marine Conservation Area.

Executive Summary

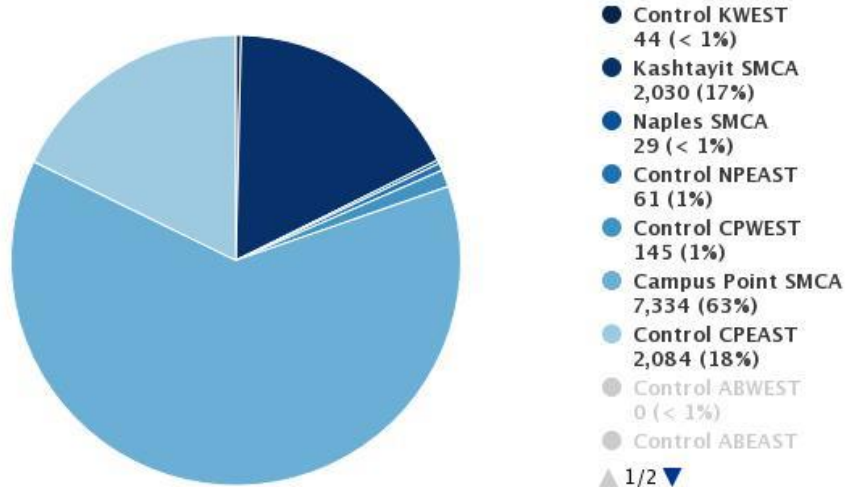
- Non-consumptive activities (onshore and offshore) account for 98.23% of observations in the Campus Point, Naples, and Kashtayit MPAs.
- According to MPA Watch volunteers, potential violations of shore-based hook and line fishing in the western section of the Campus Point SMCA is observed throughout the year.
- Onshore recreation is the number one activity observed for Campus Point and Kashtayit SMCAs, while non-consumptive boating is the primary activity observed in Naples SMCA during this time period.

Human Use of MPAs January – December 2019

Overview

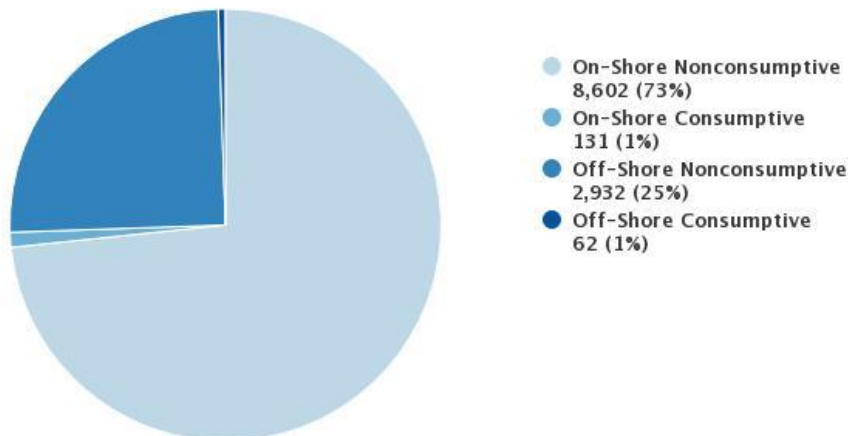
Top 10 MPAs by All Activity

January 1, 2019 – December 31, 2019
11,727 total activity events



All MPAs Combined

January 1, 2019 – December 31, 2019
11,727 activity events



Activity Classifications

On-Shore - Activities that take place on a sandy or rocky beach. Excludes bluffs, trails, sea walls, parking lots, or other man-made structures. Includes recreation, tidepooling, shore-based fishing, etc.

Off-Shore - Activities that take place offshore, typically in knee-deep water or deeper. Includes surfing, SCUBA diving, kayaking, boat fishing, etc.

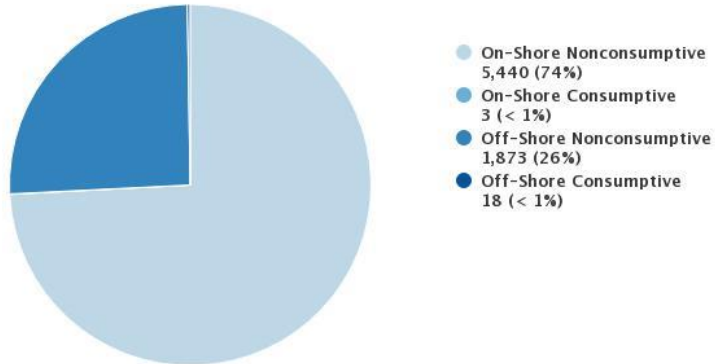
Consumptive - An activity in which a natural resource (i.e. fish, kelp, shells) is being collected.

Non-Consumptive - An activity in which a natural resource is not collected.

Activity by MPA

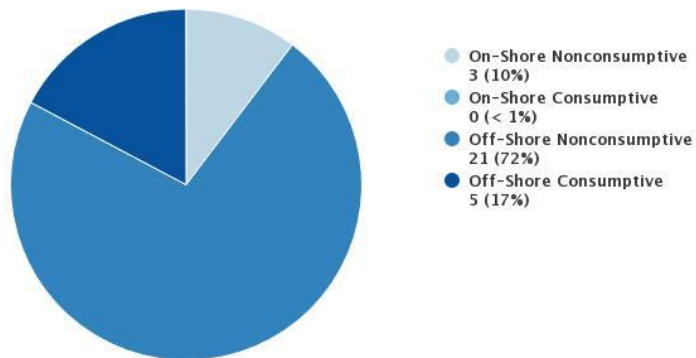
Campus Point SMCA

January 1, 2019 – December 31, 2019
7,334 activity events



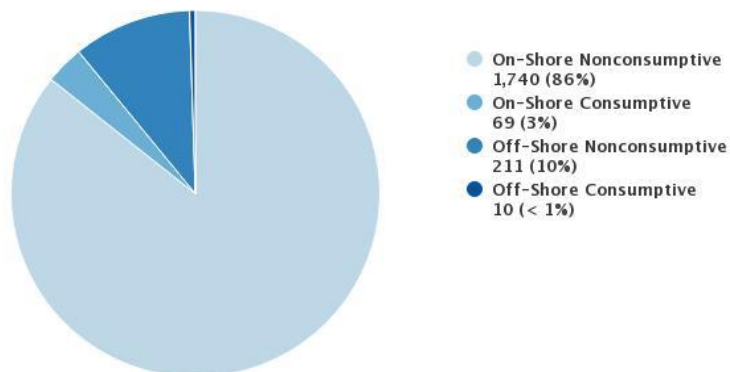
Naples SMCA

January 1, 2019 – December 31, 2019
29 activity events



Kashtayit SMCA

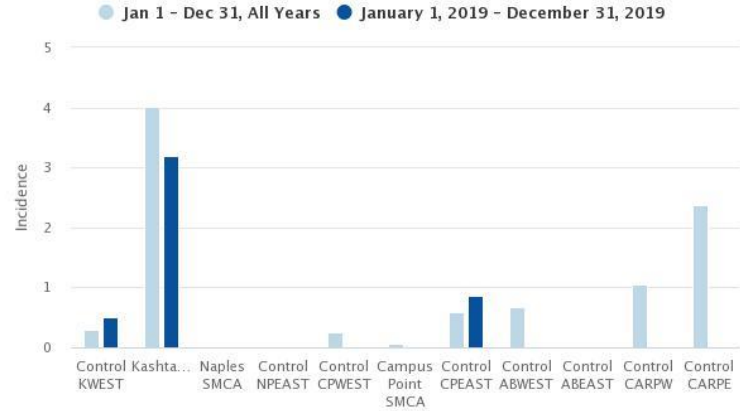
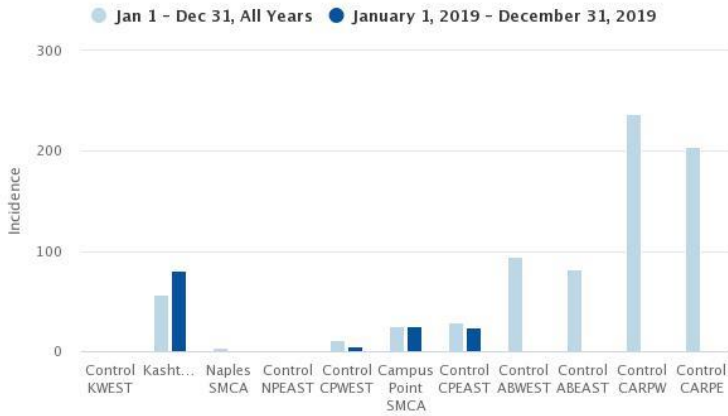
January 1, 2019 – December 31, 2019
2,030 activity events



Activity Incidence by MPA

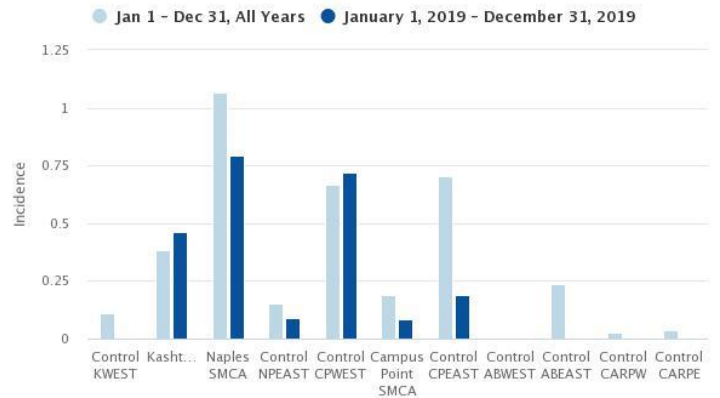
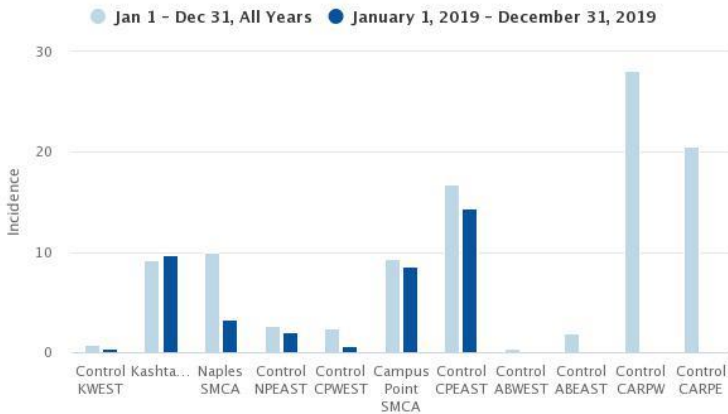
On-Shore, Non-Consumptive

On-Shore, Consumptive

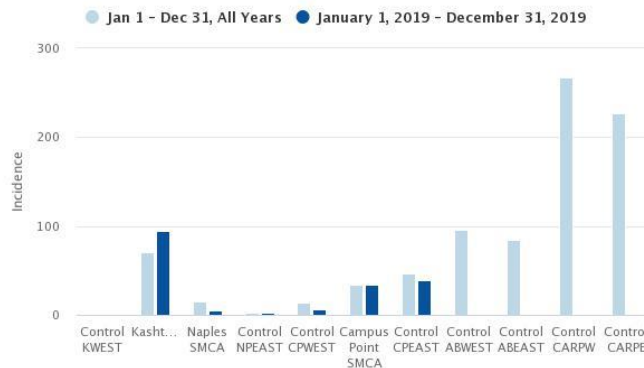


Off-Shore, Non-Consumptive

Off-Shore, Consumptive



All Activity



The above charts show incidence values for each MPA monitored by MPA Watch in Santa Barbara County. **Incidence is calculated as number of activities recorded divided by total survey-miles.**

Activity Incidence by MPA

The tables below show incidence values for each MPA monitored by MPA Watch in Santa Barbara County. **Incidence is calculated as number of activities recorded divided by total survey-miles.**

| MPA | On-Shore | | | |
|-------------------|------------------------------|----------------------------------------|------------------------------|----------------------------------------|
| | Non-Consumptive | | Consumptive | |
| | Jan 1 Dec 31 All Years | Jan 1, 2019 through Dec 31, 2019 | Jan 1 Dec 31 All Years | Jan 1, 2019 through Dec 31, 2019 |
| Control KWEST | 0.6 | 0.8 | 0.3 | 0.5 |
| Kashtayit SMCA | 56.5 | 80.6 | 4.0 | 3.2 |
| Naples SMCA | 3.9 | 0.5 | 0.0 | 0.0 |
| Control NPEAST | 0.3 | 0.6 | 0.0 | 0.0 |
| Control CPWEST | 11.1 | 4.8 | 0.2 | 0.0 |
| Campus Point SMCA | 25.1 | 24.8 | 0.1 | 0.0 |
| Control CPEAST | 28.6 | 24.1 | 0.6 | 0.9 |
| Control ABWEST | 94.7 | nan | 0.7 | nan |
| Control ABEAST | 82.4 | nan | 0.0 | nan |
| Control CARPW | 237.4 | nan | 1.0 | nan |
| Control CARPE | 204.0 | nan | 2.4 | nan |
| All MPAs Combined | 32.1 | 23.0 | 0.4 | 0.4 |

[Download Data Tables](#)
[Download PNG Image](#)

| MPA | Off-Shore | | | |
|-------------------|------------------------------|----------------------------------------|------------------------------|----------------------------------------|
| | Non-Consumptive | | Consumptive | |
| | Jan 1 Dec 31 All Years | Jan 1, 2019 through Dec 31, 2019 | Jan 1 Dec 31 All Years | Jan 1, 2019 through Dec 31, 2019 |
| Control KWEST | 0.8 | 0.3 | 0.1 | 0.0 |
| Kashtayit SMCA | 9.2 | 9.8 | 0.4 | 0.5 |
| Naples SMCA | 10.0 | 3.3 | 1.1 | 0.8 |
| Control NPEAST | 2.7 | 2.1 | 0.2 | 0.1 |
| Control CPWEST | 2.4 | 0.6 | 0.7 | 0.7 |
| Campus Point SMCA | 9.3 | 8.5 | 0.2 | 0.1 |
| Control CPEAST | 16.8 | 14.3 | 0.7 | 0.2 |
| Control ABWEST | 0.3 | nan | 0.0 | nan |
| Control ABEAST | 1.9 | nan | 0.2 | nan |
| Control CARPW | 28.1 | nan | 0.0 | nan |
| Control CARPE | 20.6 | nan | 0.0 | nan |
| All MPAs Combined | 10.0 | 7.8 | 0.3 | 0.2 |

| MPA | Total Combined | |
|-------------------|------------------------------|----------------------------------------|
| | Jan 1 Dec 31 All Years | Jan 1, 2019 through Dec 31, 2019 |
| Control KWEST | 1.8 | 1.6 |
| Kashtayit SMCA | 70.1 | 94.0 |
| Naples SMCA | 15.0 | 4.6 |
| Control NPEAST | 3.1 | 2.7 |
| Control CPWEST | 14.4 | 6.1 |
| Campus Point SMCA | 34.6 | 33.4 |
| Control CPEAST | 46.6 | 39.5 |
| Control ABWEST | 95.7 | nan |
| Control ABEAST | 84.5 | nan |
| Control CARPW | 266.6 | nan |
| Control CARPE | 227.0 | nan |
| All MPAs Combined | 42.8 | 31.3 |

Notes on Calculating Incidence

The baseline rate for the reporting period was calculated by summing the total use count for each category during the same period from each previous year and dividing this value by the transect miles surveyed at each site. The miles surveyed were calculated by first identifying the length of each transect for all the MPA's in question and multiplying the length of the transect by the number of surveys that had been taken along that transect during the same time period. For MPA's with multiple transects, the total distance traveled for each transect within the MPA were summed together to get the total miles surveyed within that MPA.

Breakdown by MPA

Campus Point SMCA

In January- December 2019, Santa Barbara Channelkeeper Marine Protected Area (SB MPA) Watch volunteers conducted 356 land-based surveys within the Campus Point State Marine Conservation Area (SMCA) and 125 surveys outside of the MPA on the eastern and western borders.

Activities observed in Campus Point were 99.71% on and offshore non-consumptive activities. Only 0.29% of the observations were consumptive activities. Of the potential shore-based violations, two were hook and line fishing in the western end of the MPA closer to the Ellwood Bluffs access point and one potential violation was the hand collection of biota near the Coal Oil Point section of the MPA.

Naples SMCA

In January- December 2019, Santa Barbara Channelkeeper Marine Protected Area (SB MPA) Watch volunteers conducted 63 surveys within the Naples State Marine Conservation Area (SMCA) and 64 surveys outside of the MPA on the eastern border.

Very little activity was observed during the surveys at Naples and the majority of the activities observed were offshore boating activity. No potential violations were observed, although there were observations of allowed consumptive activities including recreational take of pelagic finfish by spear and commercial kelp harvesting.

Kashtayit SMCA

In January- December 2019, Santa Barbara Channelkeeper Marine Protected Area (SB MPA) Watch volunteers conducted 108 surveys with the Kashtayit State Marine Conservation Area (SMCA) at Gaviota State Beach and along the western end of the MPA and 56 surveys outside of the MPA on the western side.

SB MPA Watch volunteers observed mostly onshore beach recreation; 85.71% of all activity observed at Kashtayit was onshore non-consumptive activities. The onshore consumptive activities include 68 observations of hook and line fishing (3.40% of all observed activities at this site). Kashtayit SMCA allows for the recreational take of most species except for mussels and scallops. No potential violations were observed.

Potential Violations

Rate of consumptive activities observed in Kashtayit, Naples, and Campus Point MPAs remains relatively low. In the Campus Point (No-Take) SMCA, MPA Watch volunteers observed one potential violations of hand collection of biota and two potential violations of shore-based hook and line fishing. The shore-based fishing was observed in the western end of the Campus Point MPA, which we have also seen in past years. Even if the noncompliance rate is low, it is important to note that any illegal take from MPAs jeopardizes the success of the MPA and health of the ecosystems which they protect.

Next Steps

Channelkeeper will continue to educate and train new MPA Watch volunteers to conduct shore-based surveys at the three coastal MPAs in southern Santa Barbara County. As weather permits, we will also conduct boat-based surveys of Campus Point and Naples SMCAs. Additionally, we are expanding our boat-based surveys to eight MPAs at the Channel Islands (Carrington Point SMR, Skunk Point SMR, Gull Island SMR, Footprint SMR, Anacapa Island SMR and SMCA, Scorpion SMR, and Painted Cave SMCA).

Additional Information

For additional information on MPA Watch, including survey sites, participating organizations, protocols and datasheets, media kit, and how to get involved, please visit mpawatch.org. Connect with MPA Watch on social media @MPAWatchOrg.

For additional information regarding MPAs and regulations specific to the various classifications of MPAs please visit wildlife.ca.gov/MPAs. If you see an activity that violates MPA regulations, please call CalTip to report the violation at (888)-334-2258.

For more information about the work Santa Barbara Channelkeeper does to protect and restore the Santa Barbara Channel and its watersheds, including to monitor and build support for local MPAs, please visit sbck.org.