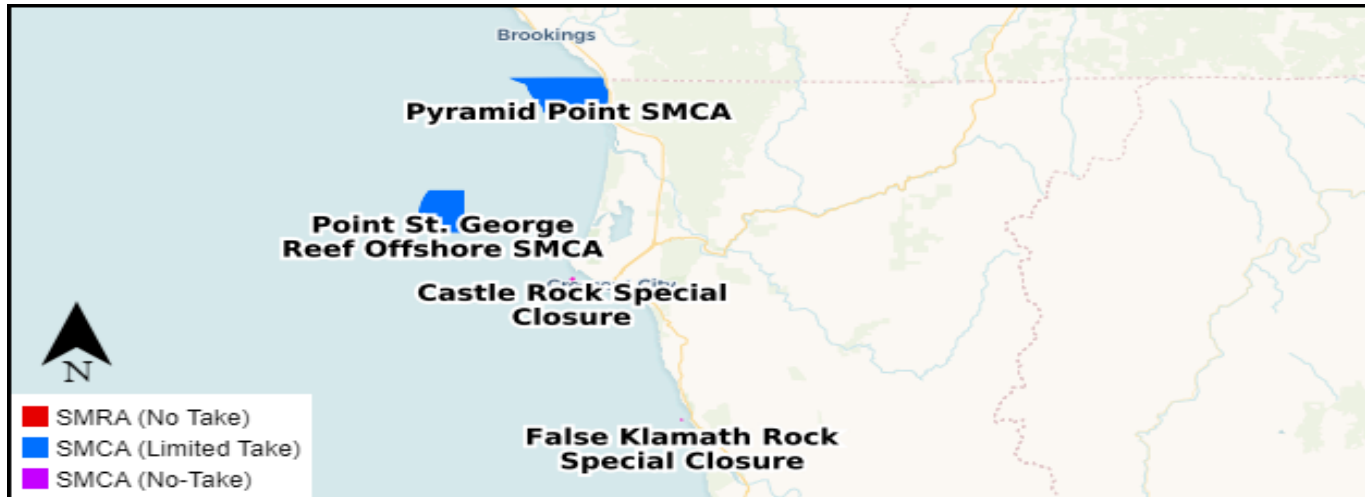
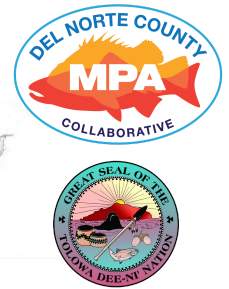




MARINE PROTECTED AREA (MPA) WATCH REGIONAL REPORT

Del Norte County

January 1, 2022 - December 31, 2022



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 tribal nations and 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 Del Norte County Marine Protected Area Watch Program, organized by Tolowa Dee-ni' Nation (TDN) and Eagle Eyes of False Klamath Cove (EEFKC), engages tribal staff/scientists, tribal volunteers and community members in data collection in two MPAs in the county. TDN staff and volunteers are responsible for Tr'uu-luu-k'wvt (Pyramid Point) MPA surveys and EEFKC is responsible for False Klamath Rock Special Closure.

EXECUTIVE SUMMARY

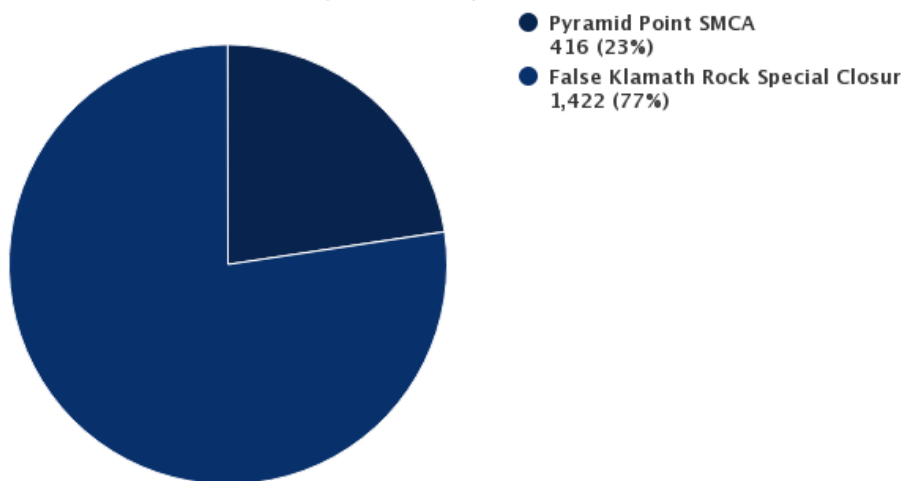
- In the wake of COVID-19 guidelines and restrictions impacting MPA Watch in 2020, there has been a return to regular operations in 2022, while still being mindful of the pandemic and taking precautions when necessary.
- Compared to previous years, Tr'uu-luu-k'wvt has seen a decline in take violations.



HUMAN USE OF MPAS January 1, 2022 – December 31, 2022

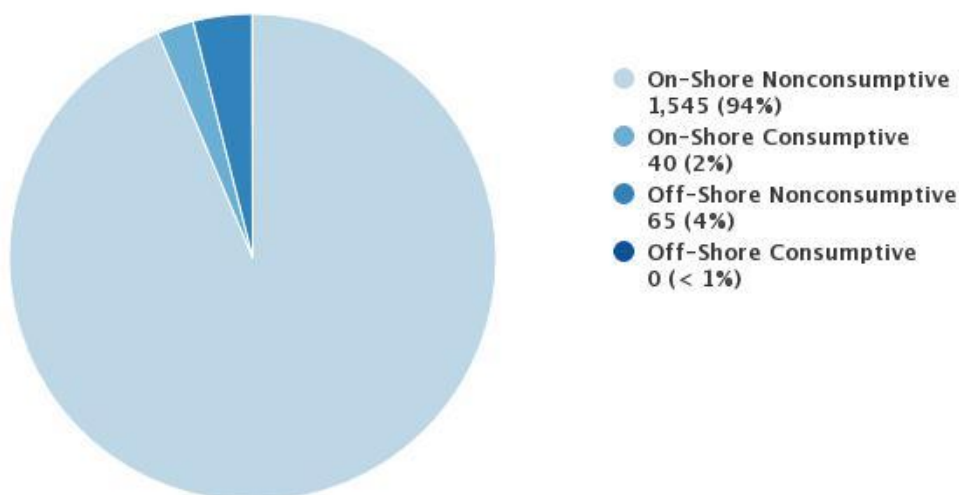
Top 2 MPAs by All Activity

January 1, 2022 – December 31, 2022
1,838 total activity events



All MPAs Combined

January 1, 2022 – December 31, 2022
1,650 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.

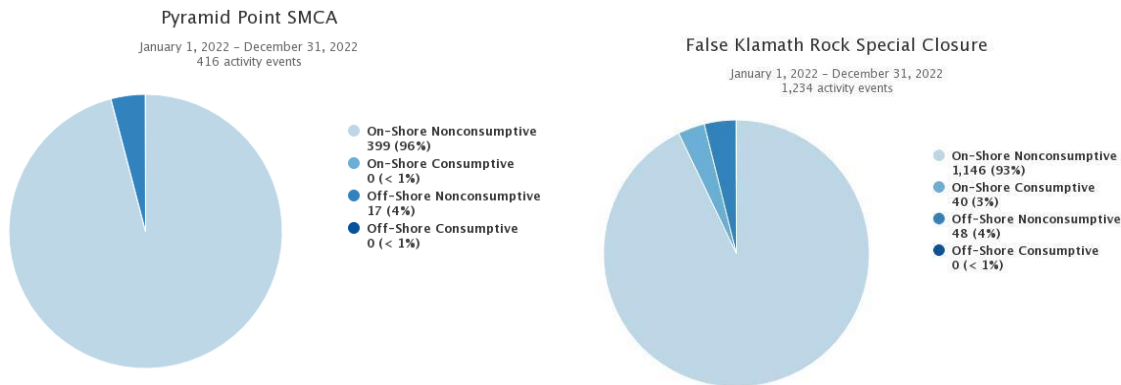
Consumptive - An activity in which a natural resource (i.e. fish, kelp, shells) is being collected.

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

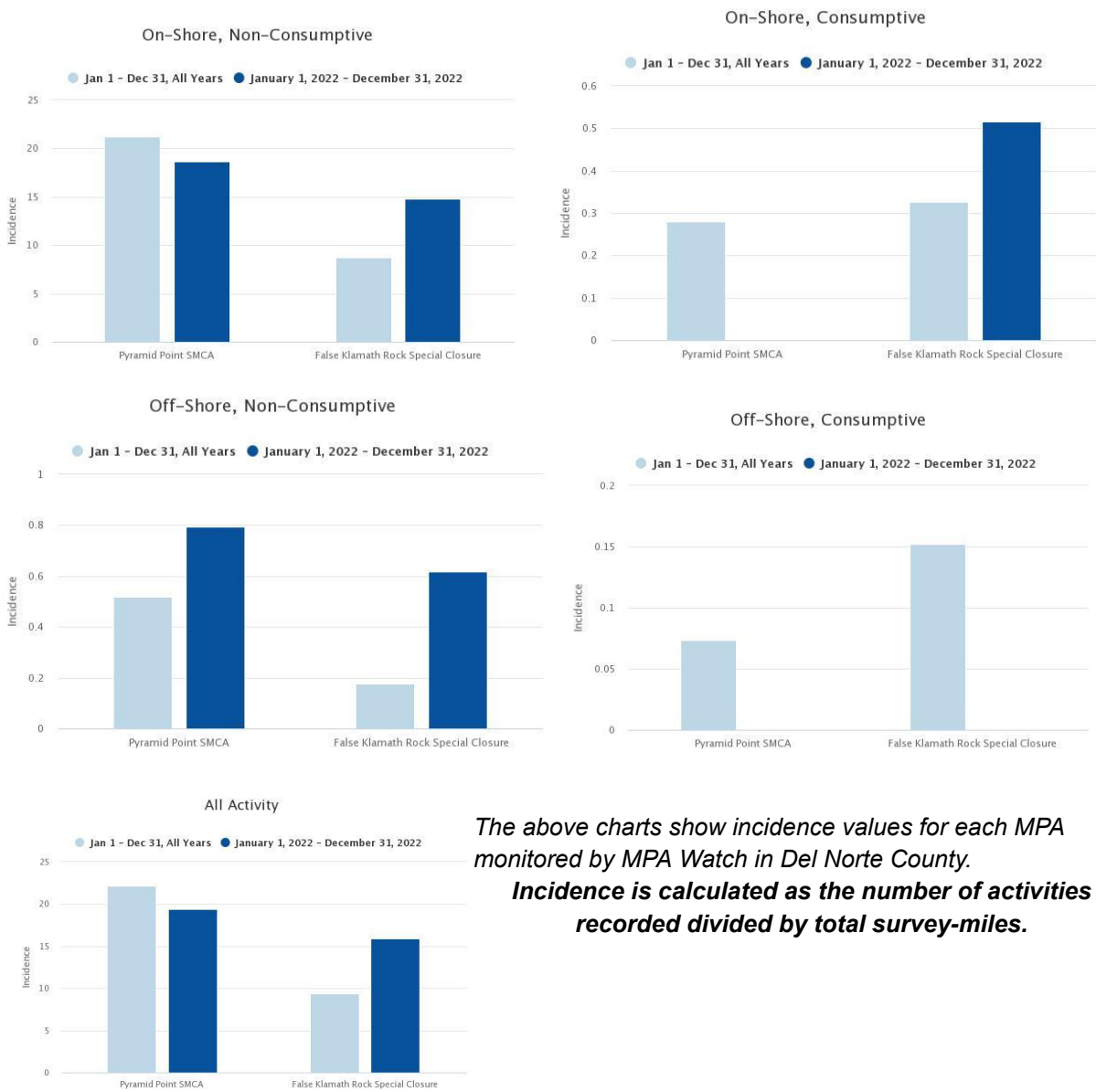


MARINE PROTECTED AREA (MPA) WATCH REGIONAL REPORT

ACTIVITY BY MPA



ACTIVITY INCIDENCE BY MPA



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



MARINE PROTECTED AREA (MPA) WATCH REGIONAL REPORT

ACTIVITY INCIDENCE BY MPA

MPA	On-Shore				
	Non-Consumptive			Consumptive	
	▲	Jan 1 Dec 31	Jan 1, 2022 through Dec 31, 2022	◆	Jan 1 Dec 31
		All Years			Jan 1, 2022 through Dec 31, 2022
Pyramid Point SMCA		21.3	18.6		0.3
False Klamath Rock Special Closure		8.7	14.8		0.3
All MPAs Combined		9.9	15.6		0.3

MPA	Off-Shore				
	Non-Consumptive			Consumptive	
	▲	Jan 1 Dec 31	Jan 1, 2022 through Dec 31, 2022	◆	Jan 1 Dec 31
		All Years			Jan 1, 2022 through Dec 31, 2022
Pyramid Point SMCA		0.5	0.8		0.1
False Klamath Rock Special Closure		0.2	0.6		0.2
All MPAs Combined		0.2	0.7		0.1

MPA	Total			
	Combined			
	▲	Jan 1 Dec 31	Jan 1, 2022 through Dec 31, 2022	◆
		All Years		
Pyramid Point SMCA		22.1	19.4	
False Klamath Rock Special Closure		9.4	15.9	
All MPAs Combined		10.6	16.7	

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

Tr'uu-luu-k'wvt (Pyramid Point) SMCA

During 2022, 30 surveys were conducted within Tr'uu-luu-k'wvt at 2 transect sites (14 at Site 1 and 16 at Site 2), recording 416 total activities. We lost 2 volunteers this year, so we are down to 4 volunteers covering 21 survey miles. 100% of our activities were non-consumptive (on and off-shore) with only 3 violations of driving on the beach. There were no consumptive activities for this time frame at either site. TDN continued their program entitled Netlh-'ii~-ne Stewards, where Tribal citizens go through training to learn traditional stewardship protocols and natural resource management techniques in order to take care of their ancestral territory. MPA Watch surveys and procedures were a component of this training and have continued surveys this summer.



Netlh-'ii~-ne conducting MPA Watch surveys for Tr'uu-luu-k'wvt

False Klamath Rock Special Closure

POTENTIAL VIOLATIONS

In Tr'uu-luu-k'wvt, no observed violations were reported to the California Department of Fish and Wildlife wardens. The violations recorded were due to driving on the beach which our volunteers have seen an increase of due to a large homeless encampment in



MARINE PROTECTED AREA (MPA) WATCH REGIONAL REPORT

Site 2 where trucks easily access the beach and destruction of gates and locks that deter vehicle access behind the Howonquet Hall Community Center.

NEXT STEPS

In Tr'u-u-luu-k'wvt for 2023, we are collaborating with CalPoly Humboldt's Marine Mammal Stranding Network to include carcass and stranding information on our MPA Watch datasheets. TDN will also be implementing another class of Netlh-'ii~-ne Stewards in the Summer of 2023 and including MPA Watch protocols in their training series.

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 regarding Tolowa Dee-ni' Nation's MPA Watch program, please email Rosa Laucci at rosa.laucci@tolowa.com.

For more information about the work Eagle Eyes of False Klamath Cove does to conserve California's MPAs and other conservation projects please e-mail ram58@humboldt.edu.