



Marine Protected Area (MPA) Watch Regional Report

Los Angeles Mainland – Los Angeles Waterkeeper's Boat-Based Survey Report
January 2019 – December 2019



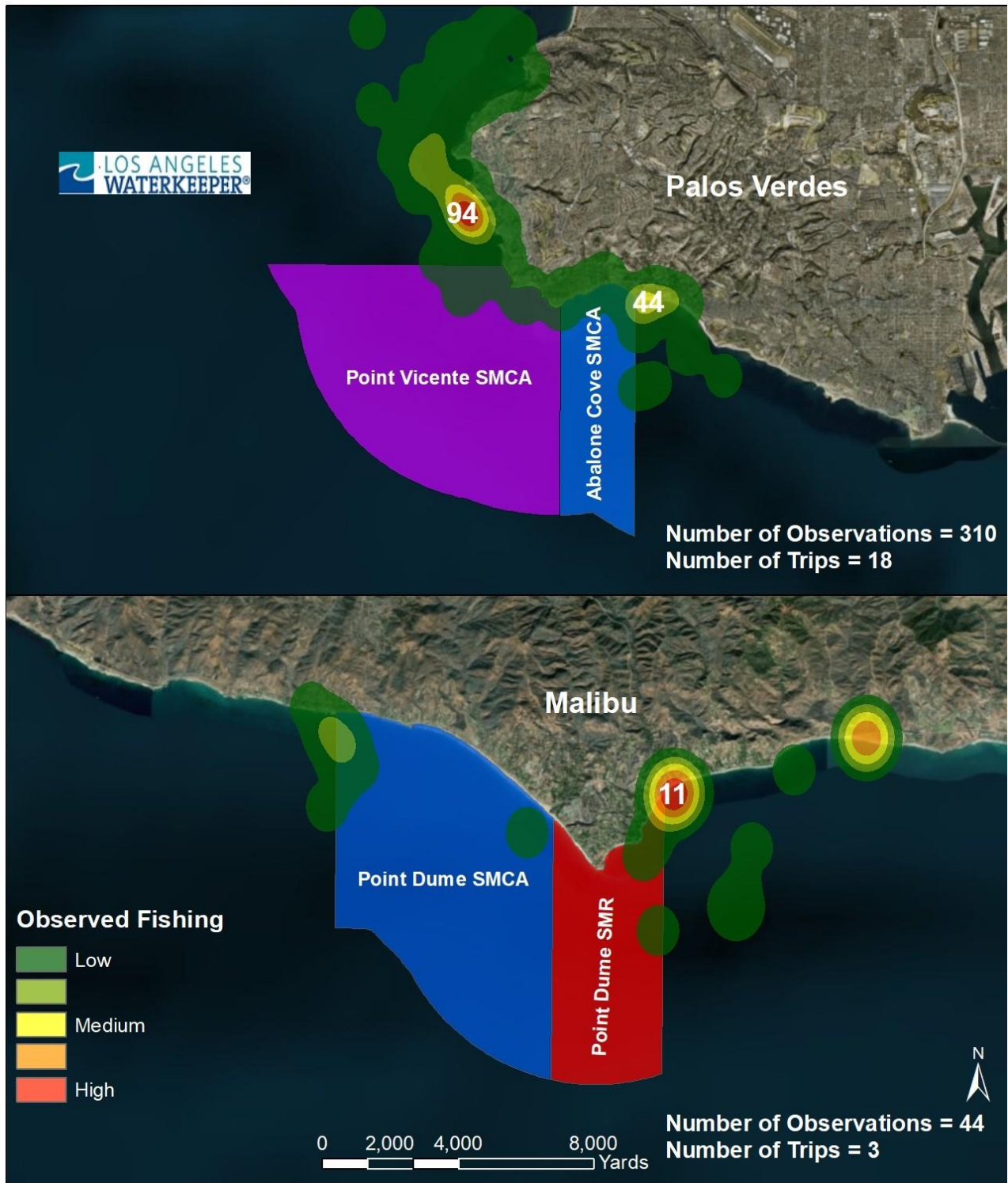
Los Angeles Waterkeeper (LAW) has conducted boat-based surveys of mainland Los Angeles County MPA's boating and fishing activities on a weekly basis since 2012. LAW's boat-based data focuses specifically on all consumptive and non-consumptive boating activity, on and in-the-water fishing, and all onshore fishing inside the MPA boundaries, as well in the surrounding control sites.

LAW's transects extend to cover entire MPAs as well as control sites that are 2 miles up and down shore of the MPA boundaries. LAW's efforts complement the LA County mainland land-based surveys conducted by Heal the Bay. LAW's Marine Programs Director, Michael Quill, oversees every LAW boat-based survey.

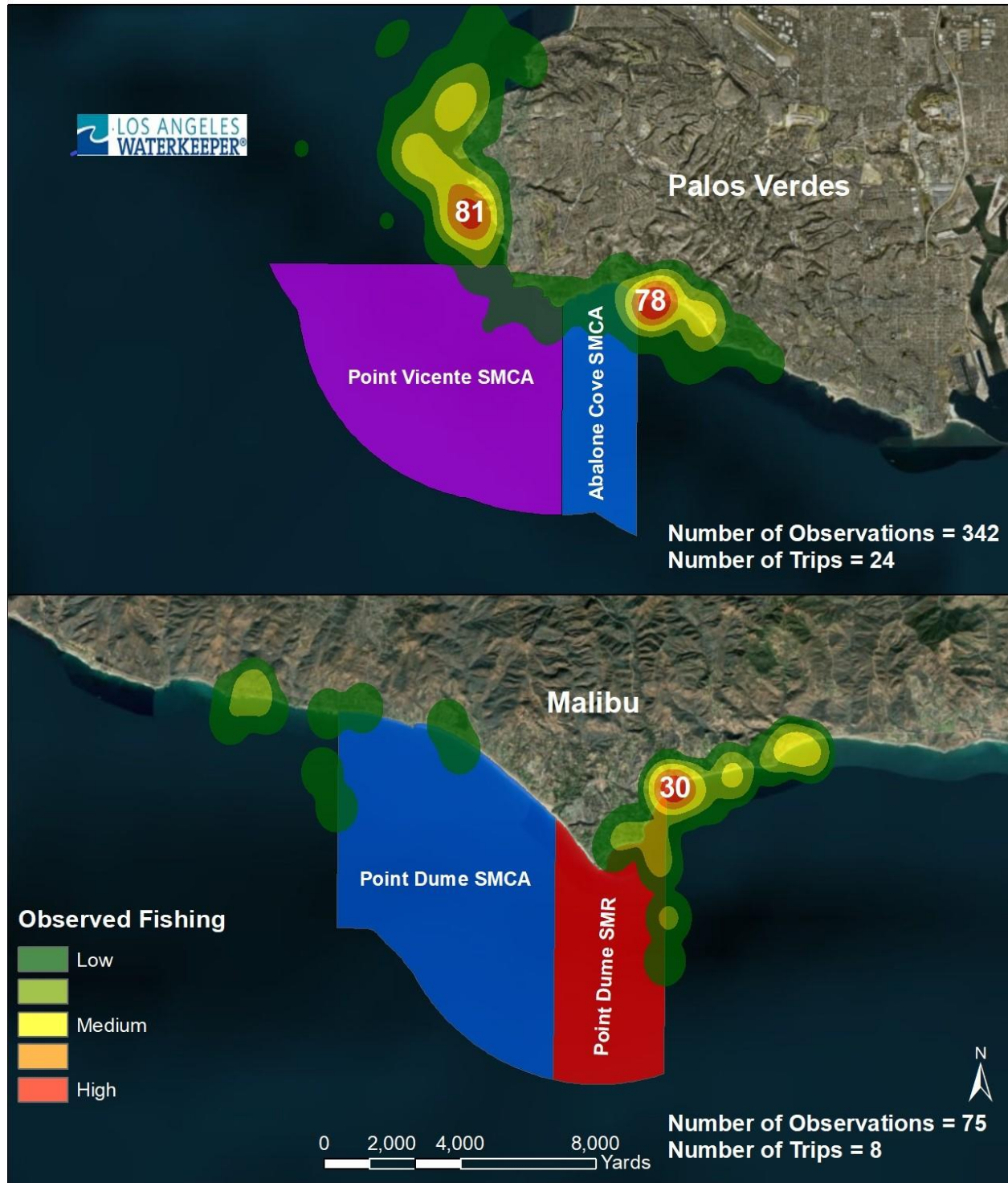
Executive Summary

- The 2019 observed fishing effort was down this year compared to efforts observed in 2012-2018.
- The percentage of possible violations observed per fishing effort were slightly but not remarkably down in 2019.
- Transect times continued to run approximately 2 hours depending on density of activity observed.
- Quill calls in all potential violations to CalTip from the water at the time of observance.

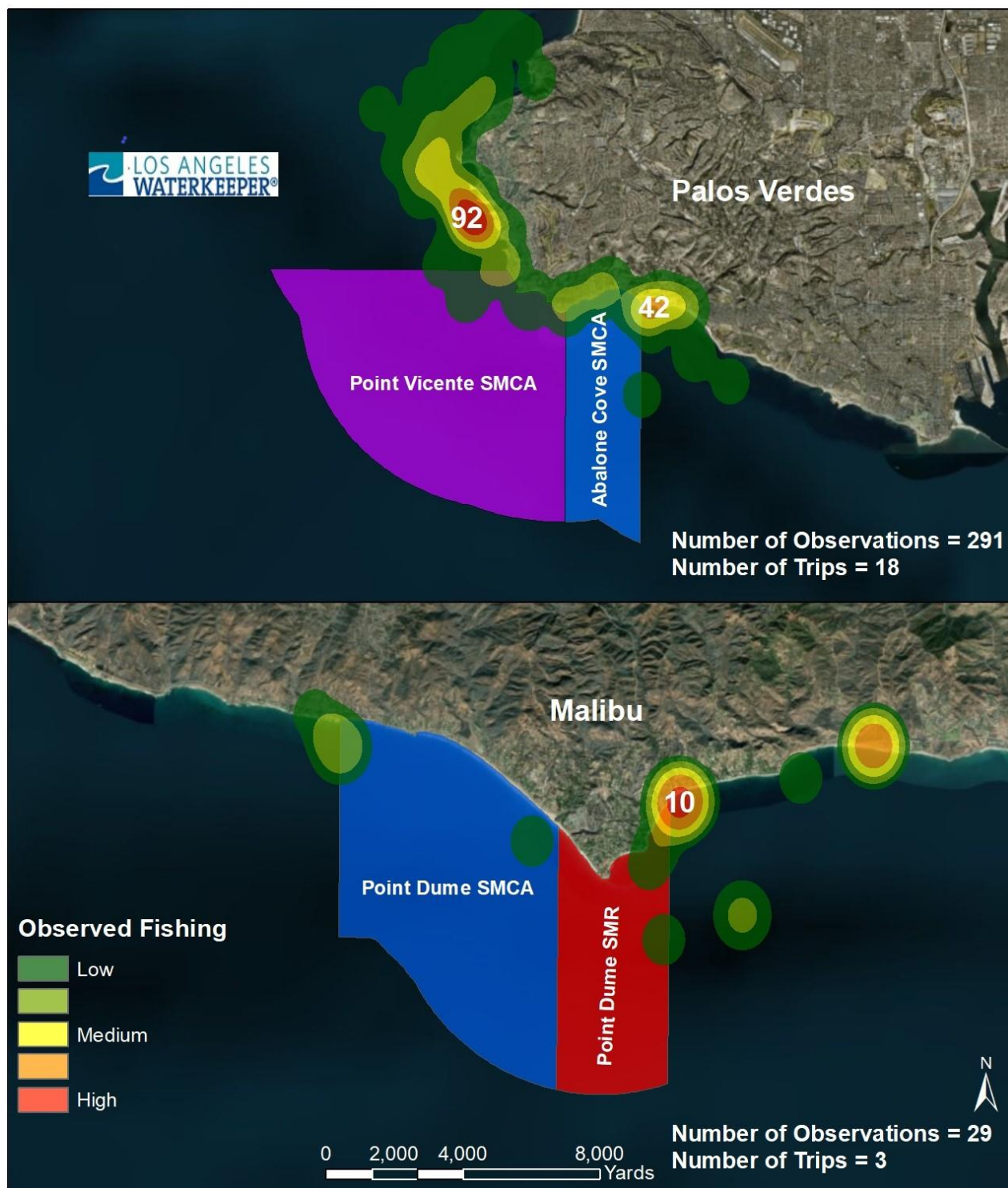
Jan - June 2019 All Fishing Activity Palos Verdes and Malibu



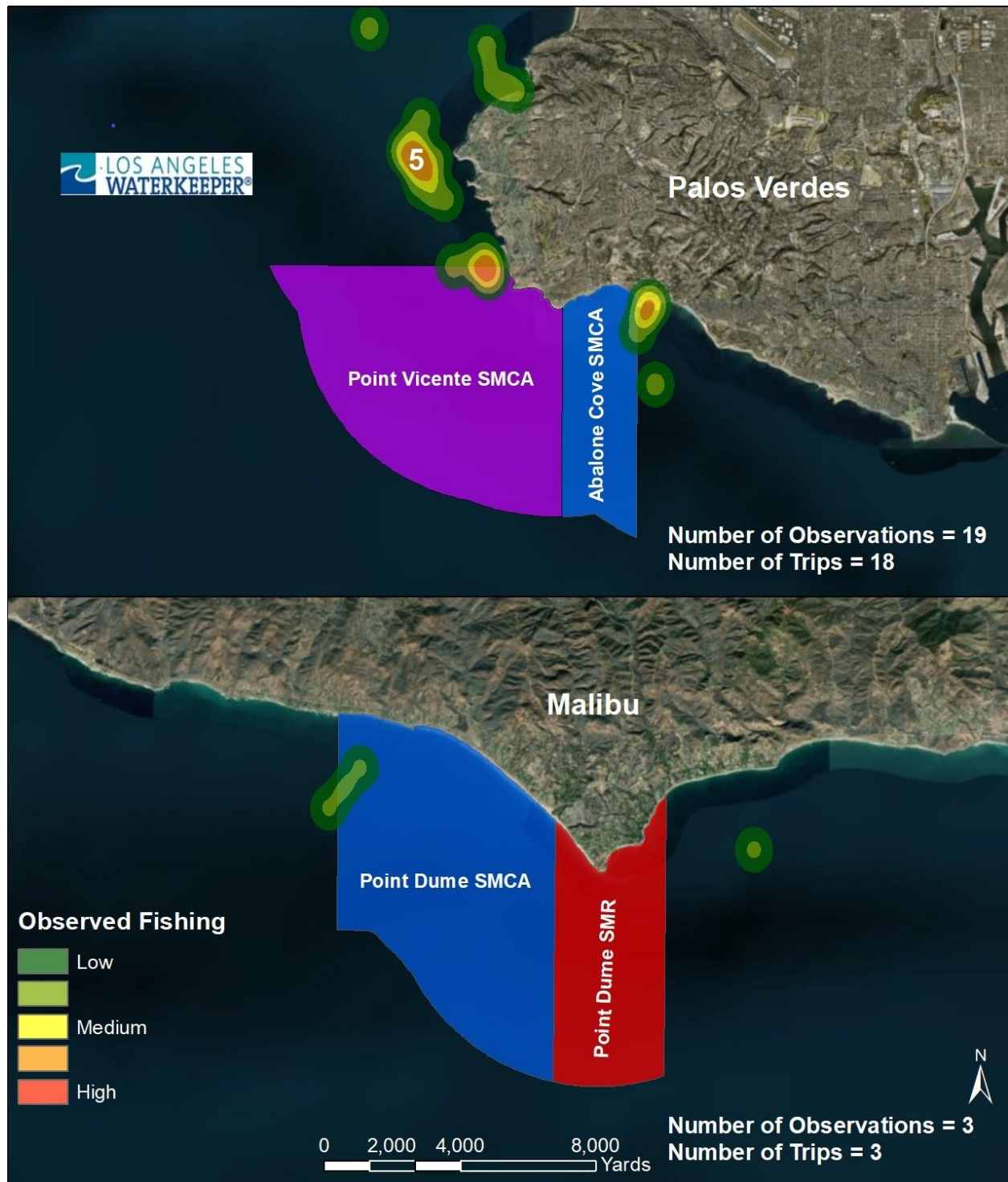
July - Dec 2019 All Fishing Activity Palos Verdes and Malibu



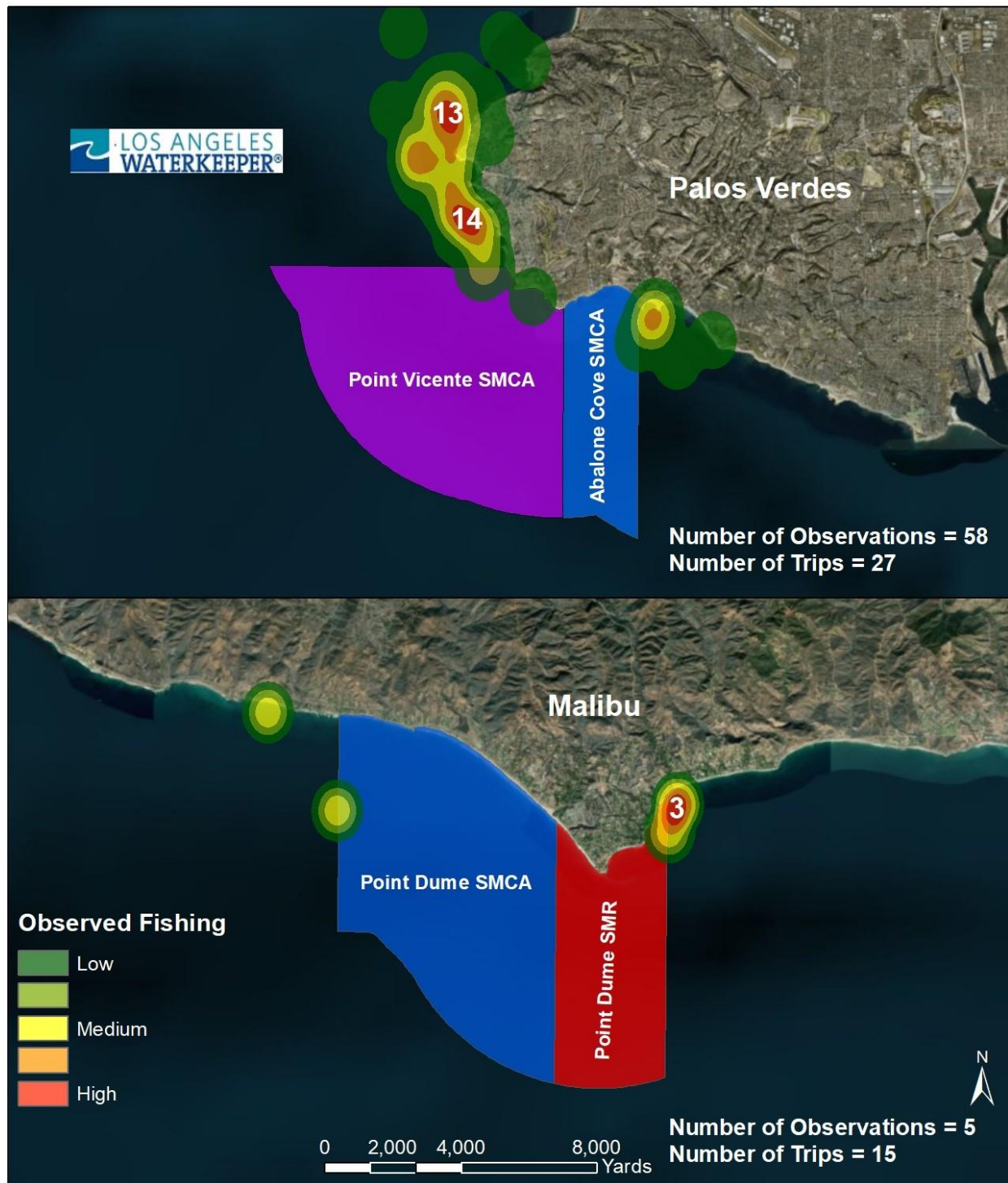
Jan - June 2019 Recreational Fishing Activity Palos Verdes and Malibu



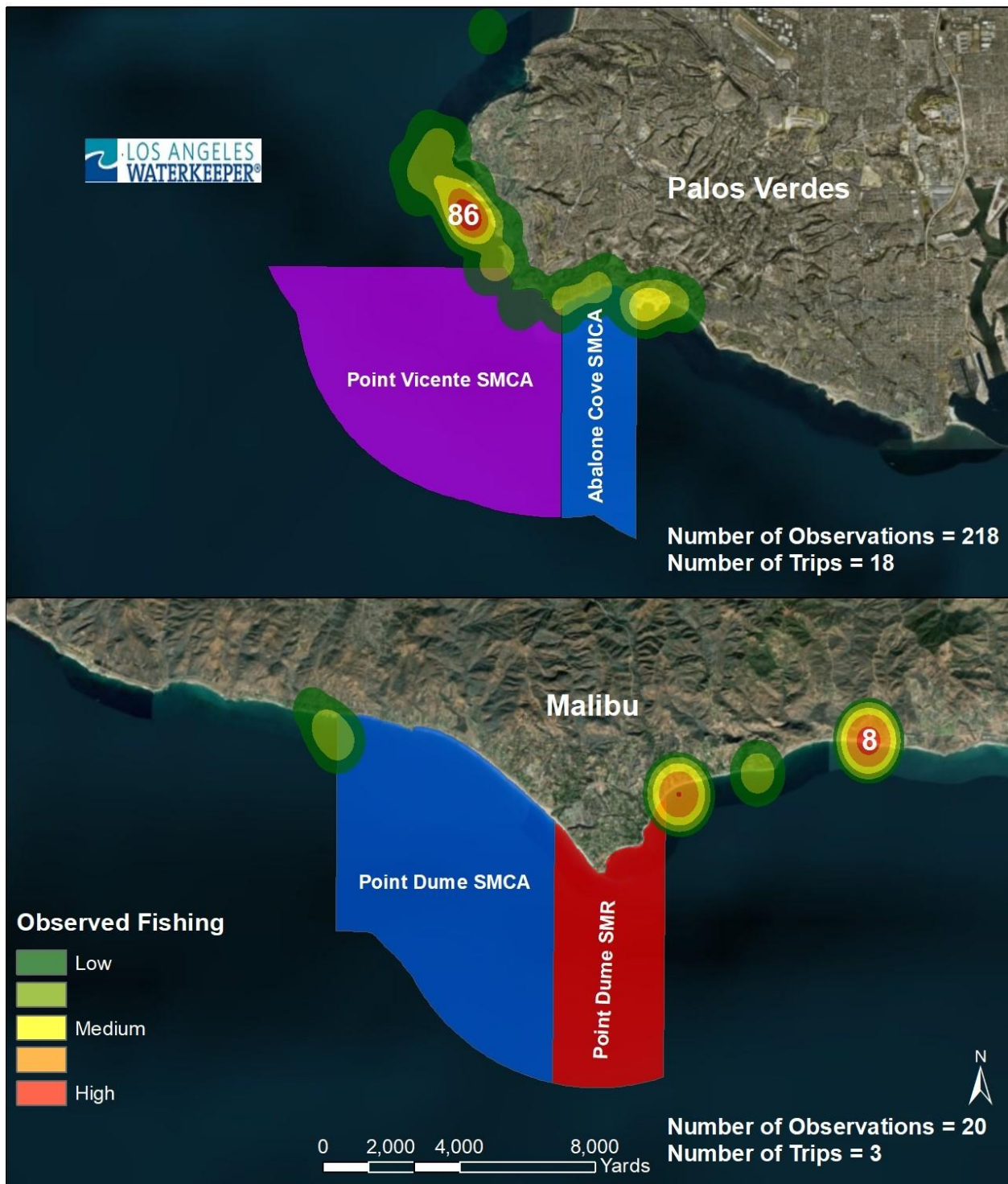
Jan - June 2019 Commercial Fishing Activity Palos Verdes and Malibu



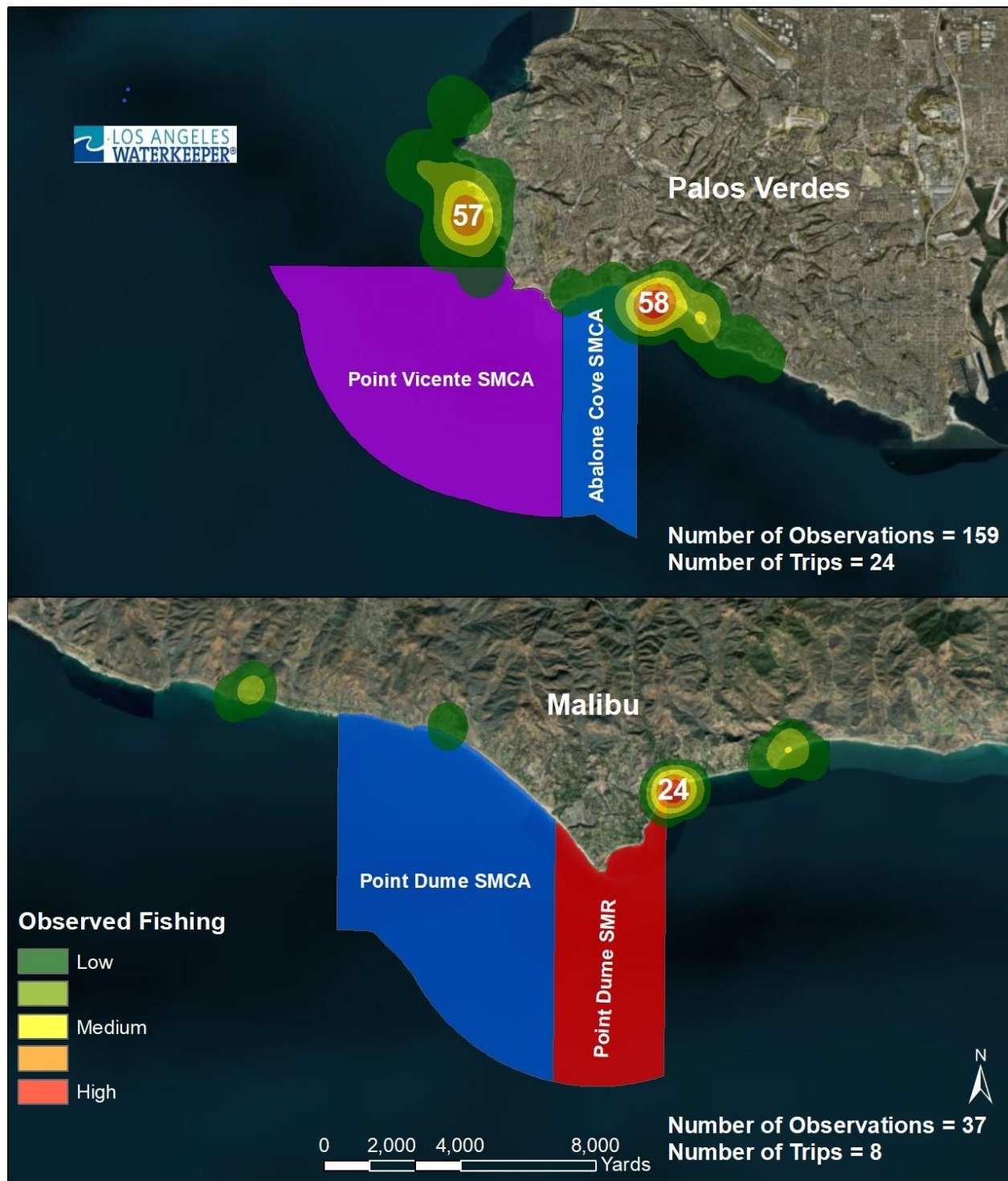
July - Dec 2019 Commercial Fishing Activity Palos Verdes and Malibu



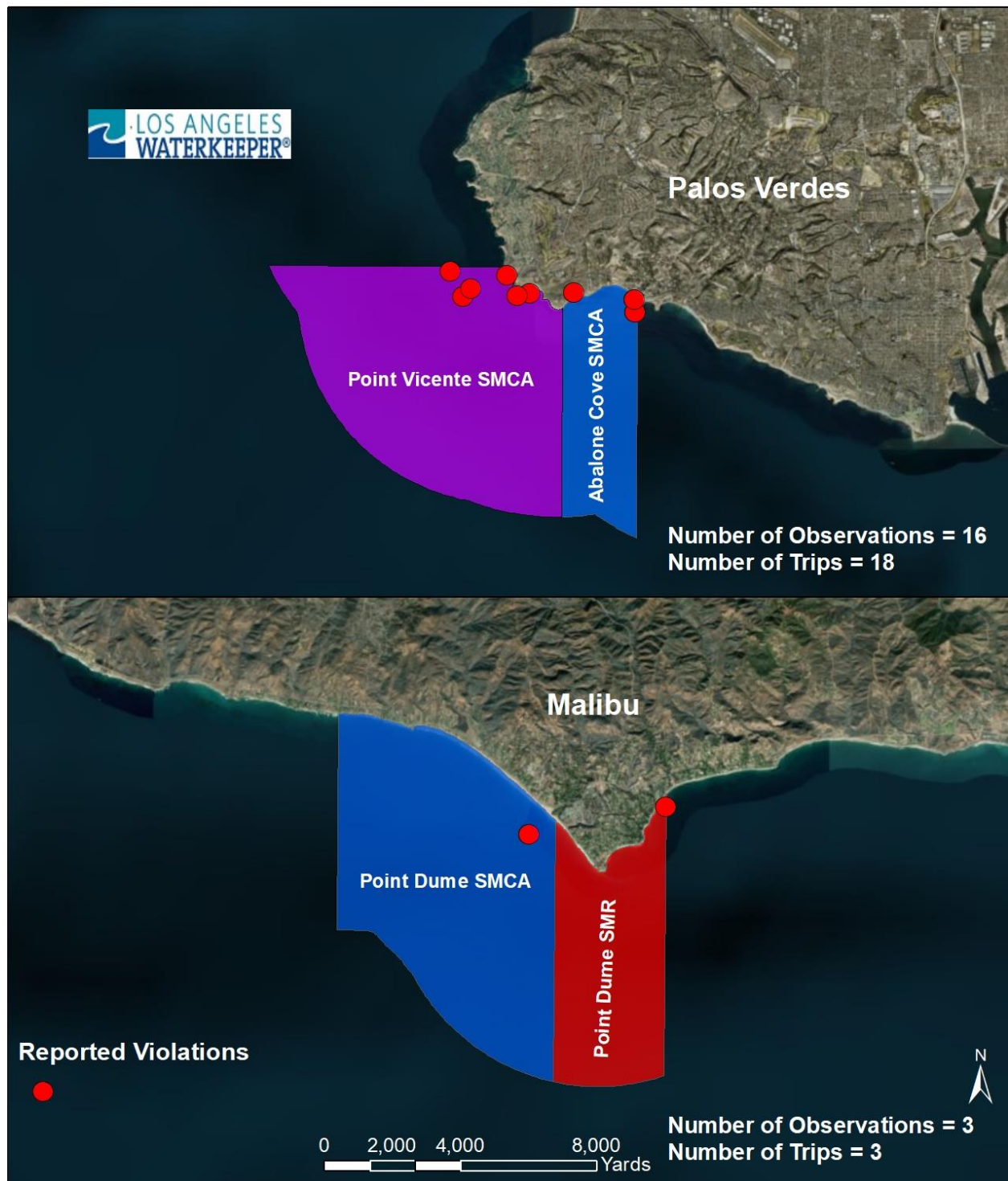
Jan - June 2019 Onshore Fishing Activity Palos Verdes and Malibu



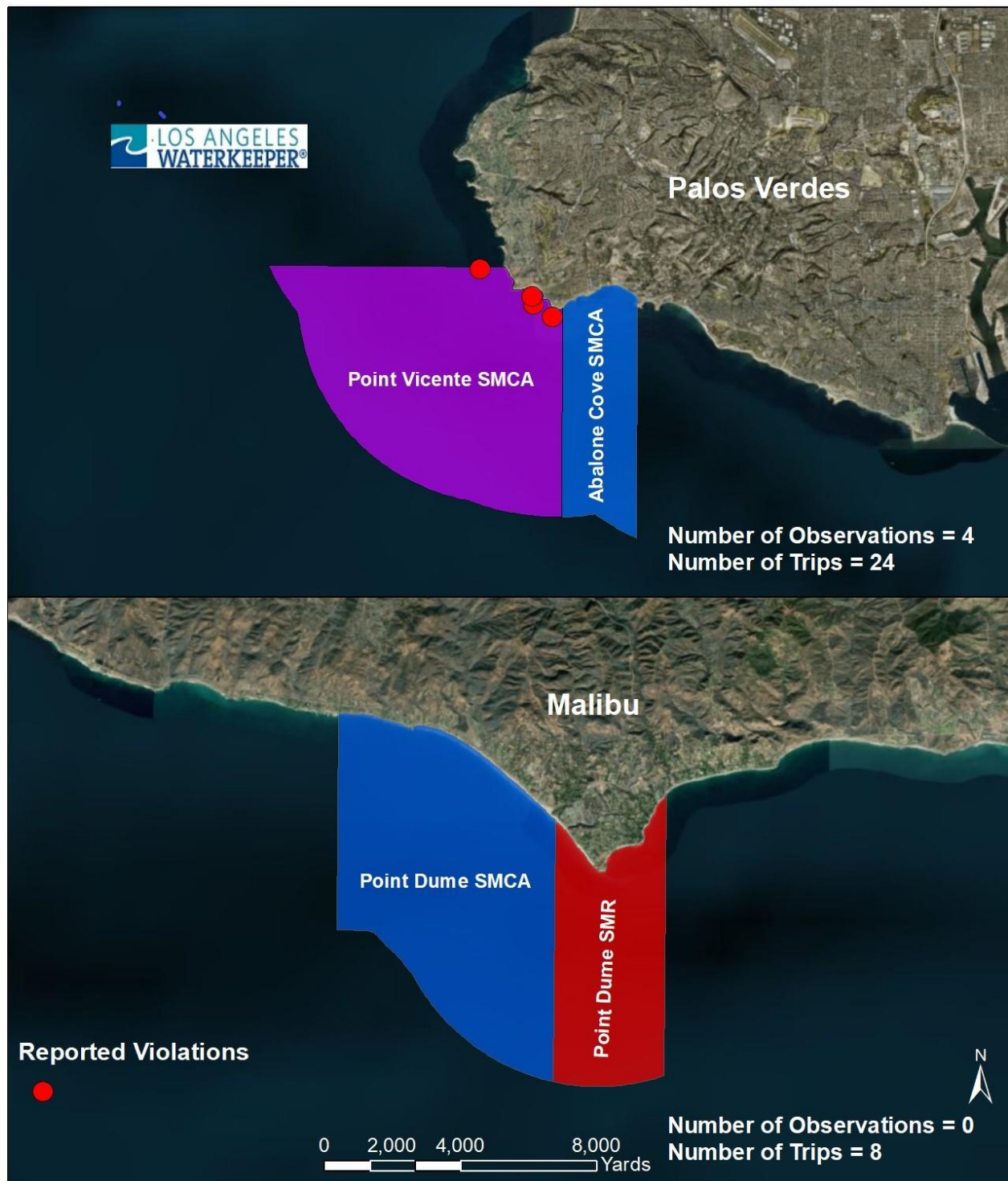
July - Dec 2019 Onshore Fishing Activity Palos Verdes and Malibu



Jan - June 2019 Reported Violations Palos Verdes and Malibu



July - Dec 2019 Observed Violations Palos Verdes and Malibu



LAW shares MPA boat-based survey data with CDFW, various universities, high schools, and interested organizations, as well as in our Creeks to Coast students from our indigenous, Latinx, at risk and often underserved communities. Participation in our on the water MPA Watch data collection arm of the Creeks to Coast program informs and inspires civic action and environmental stewardship. LAW provides MPA Watch data and MPA outreach and education information for academic MPA projects.

LAW's 2019 All Observed Potential Violations Reported

| Region | Transect | Date | Start | End | Obs. Time | Lat | Lon | Vessel Type | Vessel | Activity | Quantity | Notes | Photos | Violation | Count | Region |
|--------|----------------------------|------------|----------|----------|-----------|----------|----------|--------------------|--------------------|----------|----------|--------------|--------|-----------|-------|---------|
| RPV | Abalone Cove SMCA Boating | 3/1/2019 | 10:56 AM | 12:50 PM | 12:04 | 33.73836 | -118.394 | Recreational | On Shore - Rocky | Fishing | | Call CAI Tip | | V | | AC SMCA |
| RPV | Point Vicente SMCA Boating | 4/6/2019 | 11:04 AM | 1:05 PM | 12:11 | 33.74592 | -118.415 | Recreational | On Shore - Rocky | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Point Vicente SMCA Boating | 4/25/2019 | 10:46 AM | 12:35 PM | 12:13 | 33.73935 | -118.423 | Recreational | Power Boat | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Point Dume SMR Boating | 4/27/2019 | 12:01 PM | 1:32 PM | 12:59 | 34.00206 | -118.804 | Recreational | On Shore - Rocky | Fishing | | Call CAI Tip | | V | | PD SMR |
| RPV | Abalone Cove SMCA Boating | 5/3/2019 | 10:54 AM | 12:08 PM | 12:00 | 33.73853 | -118.376 | Recreational | Jet Ski | Fishing | | Call CAI Tip | | V | | AC SMCA |
| RPV | Point Vicente SMCA Boating | 5/7/2019 | 11:12 AM | 12:20 PM | 11:53 | 33.74009 | -118.408 | Recreational | On Shore - Rocky | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Point Vicente SMCA Boating | 5/10/2019 | 11:38 AM | 1:01 PM | 12:17 | 33.74126 | -118.421 | Recreational | Power Boat | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Abalone Cove SMCA Boating | 5/10/2019 | 11:38 AM | 1:01 PM | 12:47 | 33.7376 | -118.376 | Recreational | On Shore - Rocky | Fishing | | Call CAI Tip | | V | | AC SMCA |
| RPV | Point Dume SMCA Boating | 5/25/2019 | 11:19 AM | 1:15 PM | 11:50 | 34.00625 | -118.827 | Recreational | Sport Fishing Boat | Fishing | | Call CAI Tip | | V | | PD SMCA |
| RPV | Point Vicente SMCA Boating | 5/31/2019 | 11:02 AM | 12:04 PM | 11:35 | 33.73946 | -118.412 | Recreational | Sport Fishing Boat | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Point Vicente SMCA Boating | 8/2/2019 | 11:07 | 12:19 | 12:39 | 33.73748 | -118.407 | Recreational | Sport Fishing Boat | Fishing | | Call CAI Tip | | V | | PV SMCA |
| RPV | Point Vicente SMCA Boating | 8/17/2019 | 10:11 AM | 12:26 | 11:03 | 33.73933 | -118.408 | Commercial Fishing | CPFV | Fishing | | Call CAI Tip | | V | F | PV SMCA |
| RPV | Abalone Cove SMCA Boating | 8/30/2019 | 11:02 | 12:30 | 11:14 | 33.73553 | -118.393 | Recreational | Sailboat | Fishing | | Call CAI Tip | | V | | AC SMCA |
| RPV | Point Vicente SMCA Boating | 10/31/2019 | 11:11 | 11:58 | 11:25 | 33.73606 | -118.427 | Commercial Fishing | Lobster Boat | Fishing | | Call CAI Tip | | V | F | PV SMCA |
| RPV | Point Vicente SMCA Boating | 11/16/2019 | 10:34 | 11:57 | 11:17 | 33.73294 | -118.4 | Recreational | Power Boat | Fishing | | Call CAI Tip | | V | | PV SMCA |

Join Us on the Waterkeeper Boat for a MPA Watch Trip!



© Tom Boyd Images 2013



What is a MPA?

A Marine Protected Area (MPA) is an area of the ocean where consumptive human activities such as fishing are limited or restricted in order to protect or conserve marine life or habitats.

On land, we have National Parks, National Forests, Reserves, etc. Marine Protected Areas provide similar protection to small areas in the ocean.

The main purpose of MPA Watch is to conduct outreach to local fisherman, boaters, and watersports enthusiasts about the new boundaries and restrictions and to gather data on the trends of boating and fishing in and around the Los Angeles County Marine Protected Areas.

Waterkeeper's MPA Watch Trips run about 4-5 hours. We travel from Marina Del Rey to the Point Vicente and Abalone Cove MPAs in Palos Verdes or to the Point Dume MPAs in Malibu.

MPA Watch Boat Trips are scheduled on our Calendar at www.LAWaterkeeper.org/mpa-watch.



© Tom Boyd Images 2013

Contact Michael Quill: mquill@lawaterkeeper.org (310) 394-6162, ext. 113 – If you'd like to join our MPA Watch Crew.



LAW'S MPA WATCH BOAT BASED SURVEYS



MPA Watch Boat Based Surveys conducted from the LA Waterkeeper vessel focus on boating and fishing activity in and around the Point Dume and Point Vicente/Abalone Cove, Los Angeles County Mainland MPAs at this time. Google Earth and GIS Mappings are produced. Collected information helps inform CA DFW staff and future scientific studies on MPA activities. Waterkeeper conducts 60-70 surveys a year, split between the two mainland MPAs.

MPA Watch Boat Crew Positions - 5 Volunteer Spots Available Each Trip

1. Boat Operator – Quill - LAW Staff
2. Spotter – Binoculars – (not shown)
3. Distance Finder Operator
4. Photographer
5. Data Scribe
6. IPAD - GPS Unit Operator

Transect Start and End Points

Surveys begin and end two miles past either side of the MPA boundaries.

Boat speed during transect

Transects are run at a speed of approximately 10 knots and roughly a half-mile from shore.

Data Collection

All boating activity and all onshore fishing observed, inside or outside the MPAs, while traveling a transect are documented.

Waterkeeper stays at a safe, unobtrusive distance from the observed vessels, moving to position the observed on a heading of directly North, South, East, or West from the Waterkeeper.

For Each Vessel or Onshore Fishers:

1. The time of sighting is documented.
2. Waterkeeper's GPS position is documented.
3. The compass heading from the Waterkeeper is documented.
4. The distance from the Waterkeeper is documented
5. Vessel type or onshore fishing method is documented.
6. Quantity of observed vessels or fishers onshore is documented.
7. Two Photos are taken of the vessel or fishers.
8. Any additional notes and comments are documented.

If fishers are violating MPA Regulations from a vessel or onshore, DFW is called and a report is filed. That action is also documented.

On The Water Outreach and Education

LA Waterkeeper views fisher's fishing from vessels positioned on the MPA boundary, and within MPA boundaries, as potential on the water outreach opportunities. After collecting data from a safe distance, and on a case by case basis, Waterkeeper may approach violating fishers in vessels slowly and safely. As part of our good neighbor outreach and education approach, Waterkeeper informs violators of the MPA regulations, and provides information on where fishing is permitted. After making contact and getting permission from the boaters/fishers, Waterkeeper will safely approach, inform boaters, fishermen, and other fellow watermen about MPA boundaries and MPA regulations. DFW Guides and MPA maps are also distributed if desired, and if it can be done so safely.

If boaters are open to conversation and possess a VHF radio that may be used to communicate, if boater to boater conversing is hampered.



Los Angeles Waterkeeper's MPA Watch Boat - Based Surveys 2019



On the Water Outreach - MPA Maps and Guides



LAW Watershed Programs Manager Melissa von Mayrhauser volunteering for MPA Watch 2019!





Patagonia Intern MPA Watch Day



LAW Antioch University Intern Tania MPA Watch Boat Based Survey 2019





Catalina Boat Based Survey and MPA Boundary Survey 2019 with CADFW, Catalina MPA Collaborative and CalTrans ham bones!



MPA Watch Boat Based Survey training with CADFW and the Golden Gate MPA Collaborative!





On the Water MPA Outreach and Education!



Creeks To Coast High School MPA Watch 2019!



Check out Instagram postings at - @lawaterkeeper and @ecopsychq

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.