

Grunion Greeter Data Collection Form

Night following what day: ___/___/___ (Month/Day/Year)

Note: If run begins or lasts until after midnight, use the date of the previous day.

County: _____ Beach: _____

Observers on the beach: From ___ to ___ (time)

People in your group: ___ (number)

Presence of grunion (choose one): Spawning run occurred

No spawning run occurred A few grunion, but no spawning

Time grunion were on the beach: From: ___ to ___ (time)

At the peak of the run, estimate how many fish were on the beach.

W0 No fish, or only a few individuals, with no spawning.

W1 10 - 100 fish scattered on the beach at a time, some spawning.

W2 Up to 500 fish sporadically on the beach, spawning in one or more areas of the beach.

W3 500 to 1000 fish spawning at the same time on the beach in one or several areas.

W4 Thousands of fish together on the beach, little space between them, for an extended period of time.

W5 Fish covering the shore several individuals deep for over an hour, a silver ribbon of fish an extended run both in time and extent on shore

Which phrase best describes the run?

No run, no fish or only a few fish showed up individually.

Light run in one location on the beach.

Light run over an extensive area of the beach.

Moderate run in one location on the beach.

Moderate run over an extensive area of the beach.

Large run in one area of the beach.

Large run over an extended area of the beach.

How extensive an area along the beach was involved in the run?

Less than 10 yards 10-25 yards 25-50 yards 50-100 yards

More than 100 yards of the beach The entire beach was involved

Weather

Clear Overcast Drizzly and foggy Rainy/stormy

Presence of wrack (seaweed, drift plants) on the beach:

- No wrack.
- Small amounts of wrack present.
- Moderate amounts of wrack present (piles in several locations).
- Large amounts of wrack present, many places on the beach covered.
- Other _____

Number of people on the beach at the time when you were there:

- Less than 10 10-20 20-30 30-99 100-200
- More than 200 Other _____

Did you see animal predators around the run? Yes No

If so, please list: _____

Were there artificial lights that illuminated the location of the run?

- No lights, very dark.
- Lights on structures such as street lights, pier lights,
- Occasional flashlight use by observers.
- Steady use of flashlights and other illumination by observers.
- Other (please specify): _____

What best describes the behavior of the people on the beach*:

- Quiet and calm, did not interfere with the run.
- Noisy and restless, may have startled or frightened the fish.
- Hunting and attempts to capture the fish. *(April, May and June are closed to fishing, no take is allowed)*

For people hunting the grunion, what best describes their behavior?

- They were unsuccessful in catching
- They caught a few, but most fish were not disturbed.
- They were catching for bait.
- They were catching for food
- They were catching for recreation.
- They were catching during closed season (April, May and June).
- They were using some kind of gear (no gear is ever permitted).
- They were doing scientific research
- All or nearly all the fish that approached the shore were caught.

How many times have you attempted to see the grunion before this night?

- Never, this was my first time
- I've tried several times but never seen them before
- I have been out a few times and saw grunion at least once before
- I have been out many times and have seen grunion on many occasions
- I can't count the times I have gone out to see the grunion run

Did you ever attend a Grunion Greeter workshop? This may have been at an aquarium, a nature center, a college or university, or some other venue:

- Yes No Don't know

Additional comments _____

Grunion Greeters

(1) **Name:** _____ **E-mail:** _____

(2) **Name:** _____ **E-mail:** _____

*Please submit your observations through **<https://Grunion.org>** within 24 hours. We welcome photos, too! Please email them to **karen.martin@pepperdine.edu***

Thank you for Greeting the Grunion!

*Data collection form developed by **K. Martin, M. Schaadt, S. Lawrenz-Miller***



