

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.

Location: _____ (County) _____ (Site)

Area on beach: _____ (lifeguard tower number, other landmark)

Time observers were on the beach: From: _____ (time) to: _____ (time)

Number of people in your group: _____

Observation of grunion (choose one):

- Spawning run occurred.
- No spawning run occurred.
- A few grunion appeared but no spawning occurred.

Time grunion were on the beach: From: _____ (time) 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 during an extended run both in time and in extent along 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.
 - Other (please specify): _____
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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 in the run.

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 (please specify): _____

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

- Less than 10.
- 10-20.
- 20-30.
- 30-100.
- 100-200.
- More than 200.
- 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 and May are closed to fishing, no take is allowed).

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*? Check all that apply:

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

****All of the starred items can negatively affect the success of grunion spawning—and your success in finding them.***

Additional comments:

Grunion Greeters

(1) **Name:** _____

E-mail: _____ **Phone:** _____

(2) **Name:** _____

E-mail: _____ **Phone:** _____

Other Names/Emails: _____

Please submit your observations through **www.Grunion.org** within 24 hours. Be sure to include the full names of your partners. We welcome photos, too! Please email them to **kmartin@pepperdine.edu** and copy **melissastuder@beachecologycoalition.org**.

Thank you!

