

## Paddlers survey

- Surveys ran from Feb –Dec 2022
- Team of about 12 volunteers
- Each count was 1 hr duration, counting every 10 minutes
- 1 hr per week commitment
- Time of surveys chosen by surveyors
- Optional to record disturbance/impact on seals and birds
- Several sectors well covered, many sectors not at all!

| Paddlers Surve | y Recording Form |
|----------------|------------------|
|----------------|------------------|

| Observer Name: | Day & Date: | Start time |
|----------------|-------------|------------|
|                |             |            |

Sector No: Temp:

Tidal state at start time:

| LW | LW+1hr | LW+2hr | LW+3hr | LW+4hr | LW+5hr |
|----|--------|--------|--------|--------|--------|
| HW | HW+1hr | HW+2hr | HW+3hr | HW+4hr | HW+5hr |

Did you attempt to record disturbance events? Y/N.

| Time<br>interval<br>(mins) | Type of water craft |       |       | Disturbance to birds/seals (optional) |                            |                                  |                |                |
|----------------------------|---------------------|-------|-------|---------------------------------------|----------------------------|----------------------------------|----------------|----------------|
|                            | SUP                 | Kayak | Canoe | PWC<br>(jetski)                       | Disturbance<br>event (Y/N) | Disturbance<br>impact<br>(L/M/H) | Birds<br>(Y/N) | Seals<br>(Y/N) |
| 00-10                      |                     |       |       |                                       |                            |                                  |                |                |
| 11-20                      |                     |       |       |                                       |                            |                                  |                |                |
| 21-30                      |                     |       |       |                                       |                            |                                  |                |                |

## Results

- 147 individual hourly counts (between 10 21 per month)
- Usually 5 or 6 different sectors covered per month (out of 17)
- Generally coverage poor, but regular counts on a few sectors
- High counts of kayaks and SUPs usually confined to sectors 1 and 2 (Langstone to Emsworth)
- Barely any records of bird/seal disturbance recorded, but most volunteers didn't attempt to record this
- 1 PWC seen!

Observer Name: Day & Date: Sun 17 July 22 Start time: 4 p.m

Sector No: 2 Temp: 24

Tidal state at start time: HW +1hr

Did you attempt to record disturbance events? Y/.

| Time interval | Type of water craft |       |       | Disturbance to birds/seals |             |                   |       |       |
|---------------|---------------------|-------|-------|----------------------------|-------------|-------------------|-------|-------|
| (mins)        |                     |       |       | (optional)                 |             |                   |       |       |
|               |                     |       |       |                            |             |                   |       |       |
|               | SUP                 | Kayak | Canoe | PWC                        | Disturbance | Disturbance       | Birds | Seals |
|               |                     |       |       | (jetski)                   | event (Y/N) | impact<br>(L/M/H) | (Y/N) | (Y/N) |
| 00-10         | 5                   | 4     | 0     | 0                          | n           |                   |       |       |
| 11-20         | 8                   | 6     | 0     | 0                          | n           |                   |       |       |
| 21-30         | 11                  | 9     | 0     | 0                          | n           |                   |       |       |
| 21-40         | 17                  | 12    | 0     | 0                          | n           |                   |       |       |
| 41-50         | 17                  | 14    | 0     | 0                          | n           |                   |       |       |
| 50-00         | 17                  | 14    | 0     | 0                          | n           |                   |       |       |

|       | No. of surveys | Kayaks (ave of hourly count) | SUP (ave of hourly count) | Max sum of hourly count |
|-------|----------------|------------------------------|---------------------------|-------------------------|
| Feb   | 10             | 0.9                          | 0                         | 3 (kayak)               |
| Mar   | 13             | 2.75                         | 0.3                       | 20 (kayak)              |
| April | 16 (6 sectors) | 13.3                         | 11.25                     | 79 (kayak)              |
| May   | 21 (5 sectors) | 8.5                          | 3.8                       | 40 (kayak)              |
| June  | 14 (4 sectors) | 5.9                          | 4.7                       | 30 (SUP)                |
| July  | 19 (5 sectors) | 20.1                         | 12.7                      | 92 (kayak)              |
| Aug   | 14 (5 sectors) | 6.6                          | 5.3                       | 26 (SUP)                |
| Sept  | 14 (6 sectors) | 3.5                          | 1.9                       | 14 (kayak)              |
| Oct   | 11             | 1.2                          | 1.8                       | 8 (SUP)                 |
| Nov   | 11             | 1.8                          | 0.9                       | 16 (kayak)              |
| Dec   | 4              | 0                            | 0                         | 0                       |