

## Osprey Fishing Data

### Introduction

The ospreys at Manton Bay on Rutland Water are monitored by a camera which records their activity on their nest and also sends it live to the internet where you can watch it every day on [www.lrwt.org.uk/rutland-ospreys](http://www.lrwt.org.uk/rutland-ospreys)

Volunteers on the reserve, in a hide about 100 m away, watch the ospreys through telescopes and binoculars. The volunteers record the activities and behaviour of the ospreys. This gives us data about the life of ospreys and helps scientists to understand these birds.

One of the things recorded every day is what time they go fishing and what type of fish they catch. To help identify the type of fish caught the people have pictures of all the species of fish in Rutland water, although it is sometimes difficult to identify a fish properly.

The two bar charts show data that was collected during a whole summer season. Study the bar charts and use them to answer the following questions.

## Osprey Fishing Data

1. Which species of fish do the ospreys catch most often \_\_\_\_\_
2. Which species of fish was caught just over 60 times? \_\_\_\_\_
3. Which species of fish do ospreys catch least of? \_\_\_\_\_
4. At what time of day do ospreys catch least fish? \_\_\_\_\_
5. Between what times do ospreys catch the most fish? \_\_\_\_\_
6. How many fish were caught at this time? \_\_\_\_\_
7. When did the ospreys catch 22 fish? \_\_\_\_\_
8. When did the ospreys catch 30 fish? \_\_\_\_\_
9. Ospreys catch over twice as many trout as they do roach, why do you think this happens?  
\_\_\_\_\_
10. There is no data for an eight hour period on the first bar chart. When is this and why do you think this is?  
\_\_\_\_\_
11. What is the average number of fish caught in any one hour period?  
(show your working)

Osprey 03(97) with a trout

