

Wolverine Range Map Activity

Name _____

1. How many wolverines are female? _____ male? _____

2. Do female or male wolverines have larger ranges? _____

3. Develop a hypothesis for why home ranges are different sizes for females and males:



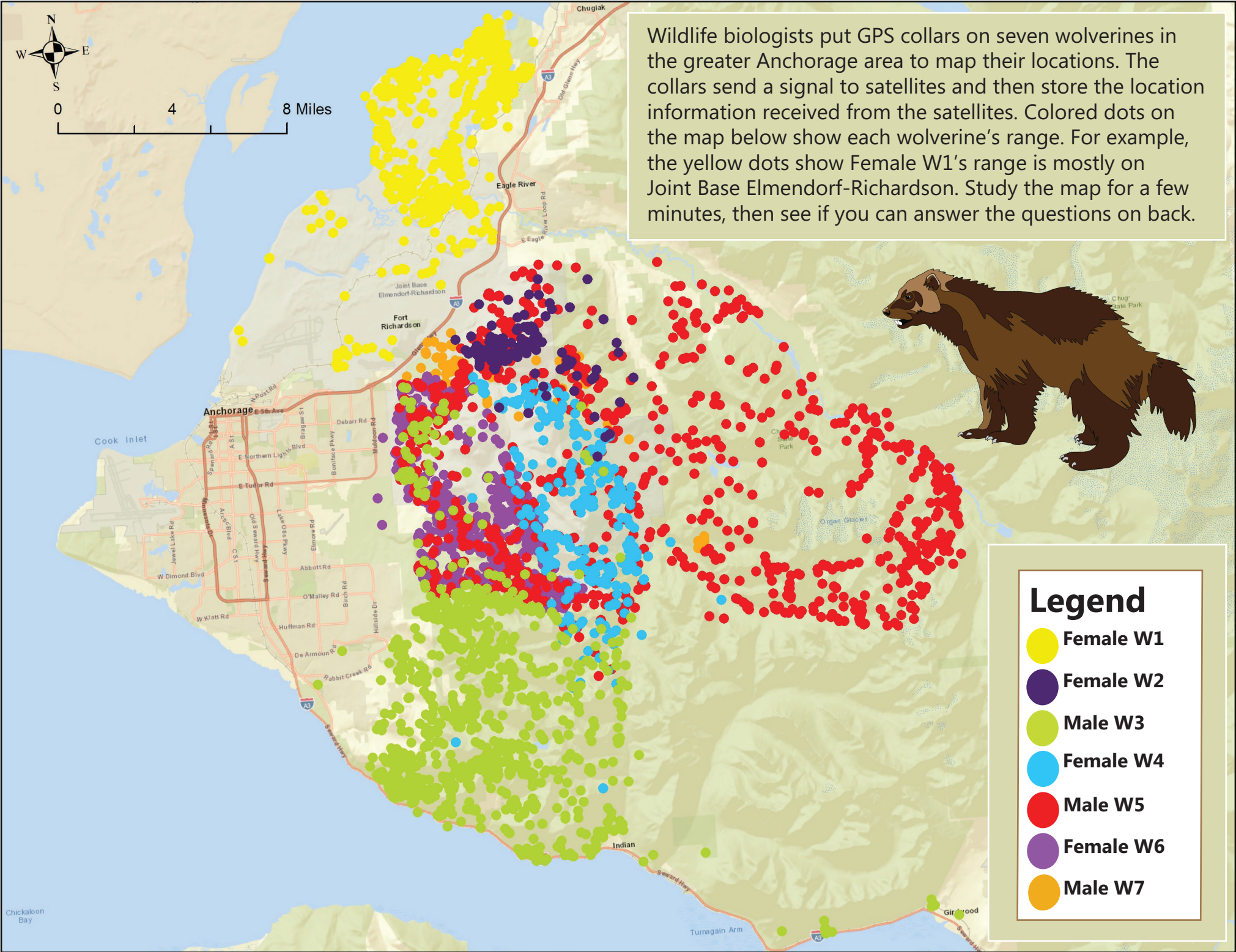
4. Develop a hypothesis of why Female W2 and Male W7 have small ranges, while Male W5 has a large range:

5. Which wolverines have overlapping ranges?

6. If you live in Anchorage, which wolverine range is closest to where you live?

7. Most of these wolverines spend more time at higher elevations. What are some reasons that you can think of to explain why wolverines seem to avoid lower elevations in Anchorage except for northern JBER?

8. Make three additional observations from studying the map. What questions do you have about wolverines after this activity?



Wildlife biologists put GPS collars on seven wolverines in the greater Anchorage area to map their locations. The collars send a signal to satellites and then store the location information received from the satellites. Colored dots on the map below show each wolverine's range. For example, the yellow dots show Female W1's range is mostly on Joint Base Elmendorf-Richardson. Study the map for a few minutes, then see if you can answer the questions on back.

Legend

- Female W1
- Female W2
- Male W3
- Female W4
- Male W5
- Female W6
- Male W7