

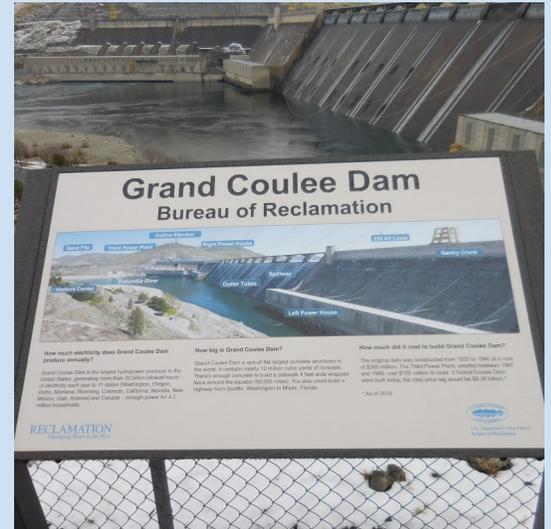
# Grand Coulee Dam Knowledge Scavenger Hunt



**RECLAMATION**  
*Managing Water in the West*

Name the parts of the dam:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_



1. How long is the dam?

\_\_\_\_\_

2. What is the name of the reservoir behind the dam?

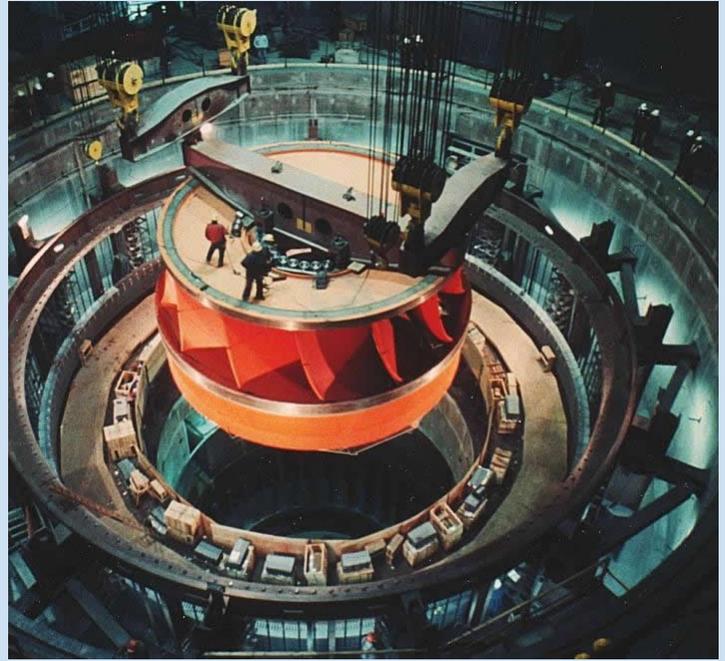
\_\_\_\_\_

3. How long is Lake Roosevelt?

\_\_\_\_\_

\_\_\_\_\_

# Turn, Turn, Turn



4. What are the three types of turbines?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

5. What type of turbine is used at Grand Coulee Dam?

\_\_\_\_\_

# The Grand Dam



6. How many cubic yards of concrete are in Grand Coulee Dam?

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7. Grand Coulee Dam is considered a “gravity dam.” Its sheer weight is what holds it in place. What is the total weight of Grand Coulee Dam?

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# Our Stories



8. Grand Coulee Dam sits on part of what tribal reservation?

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9. How many tribes make up the Colville Confederated Tribes?

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What are the names of these tribes?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



# Our Stories

11. What was the Ceremony of Tears?

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12. When was the Ceremony of Tears?

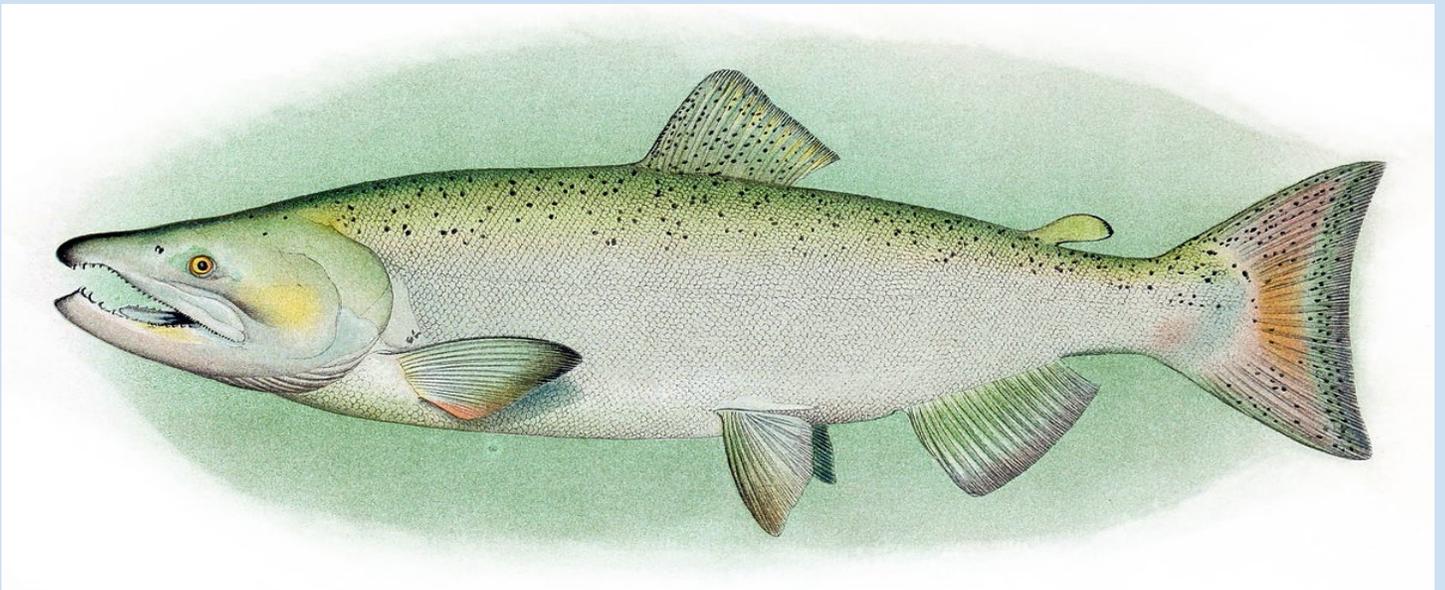
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13. Where was the Ceremony of Tears held?

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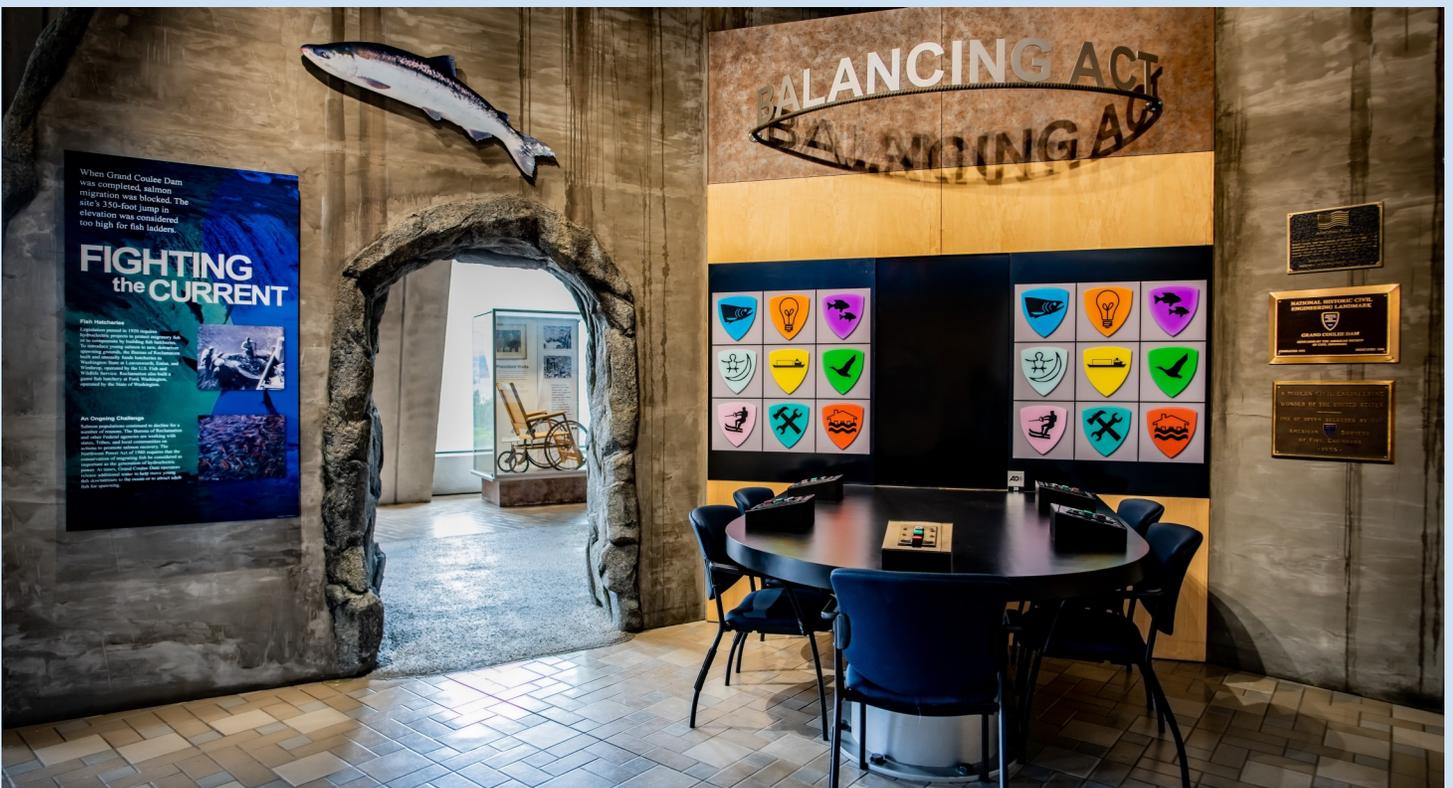
# Balancing Act

14. How many fish hatcheries did the Bureau of Reclamation build to make up for the loss of the salmon runs past Grand Coulee Dam?

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15. Where are the fish hatcheries located?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_



# Lighten Up

16. How many dams are on the Columbia River?

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17. The dams on the Columbia River are run as a system by the Bureau of Reclamation and the Army Corps of Engineers. What is this collective system called?

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# Lighten Up

\*Bonus\*

18. How many Columbia River Dams can you name?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_

# Lighten Up

19. Name the steps of the journey of electric power from a power plant to your home:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

20. Who distributes the power to businesses and homes?

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21. True or False: The Grand Coulee Dam Third Power Plant could meet all of the power needs of Portland and Seattle combined.



# We Built This Dam



\*Use the ruler and blueprints to answer the following questions\*

22. How long is the pump generating plant?

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23. How long is the right power plant?

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24. How long is the spillway?

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25. How long is the left power plant?

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# We Built This Dam

26. When did construction begin on Grand Coulee Dam?

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27. Who was the President of the United States in 1933 that authorized the building of Grand Coulee Dam?

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28. A large amount of soil, called overburden material, needed to be removed from the dam site. Part of the soil was a heavy clay and was prone to mudslides. How did the workers alleviate this problem?

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29. On December 6, 1935, the Washington State Governor poured the first bucket of concrete at the Grand Coulee Dam site. What was his name?

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30. The name of the main construction company responsible for most of the building of Grand Coulee Dam was commonly referred to as MWAK. What does MWAK stand for?

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31. Who was the Bureau of Reclamation's Chief Engineer on the project?

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# We Built This Dam

32. How did the workers divert the Columbia River from the dam construction site?

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33. What was the name of the town that was built for the workers

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34. What were divers used for?

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35. How much did each piece of dive equipment weigh?

A. \_\_\_\_\_

B. \_\_\_\_\_

C. \_\_\_\_\_

# Roll On, Columbia

36. Who was Woody Guthrie?

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37. How many songs did the Bonneville Power Administration pay him to write in one month? \_\_\_\_\_

38. Which is the most famous of these songs about the building of Grand Coulee Dam?

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40. When was the Bureau of Reclamation established?

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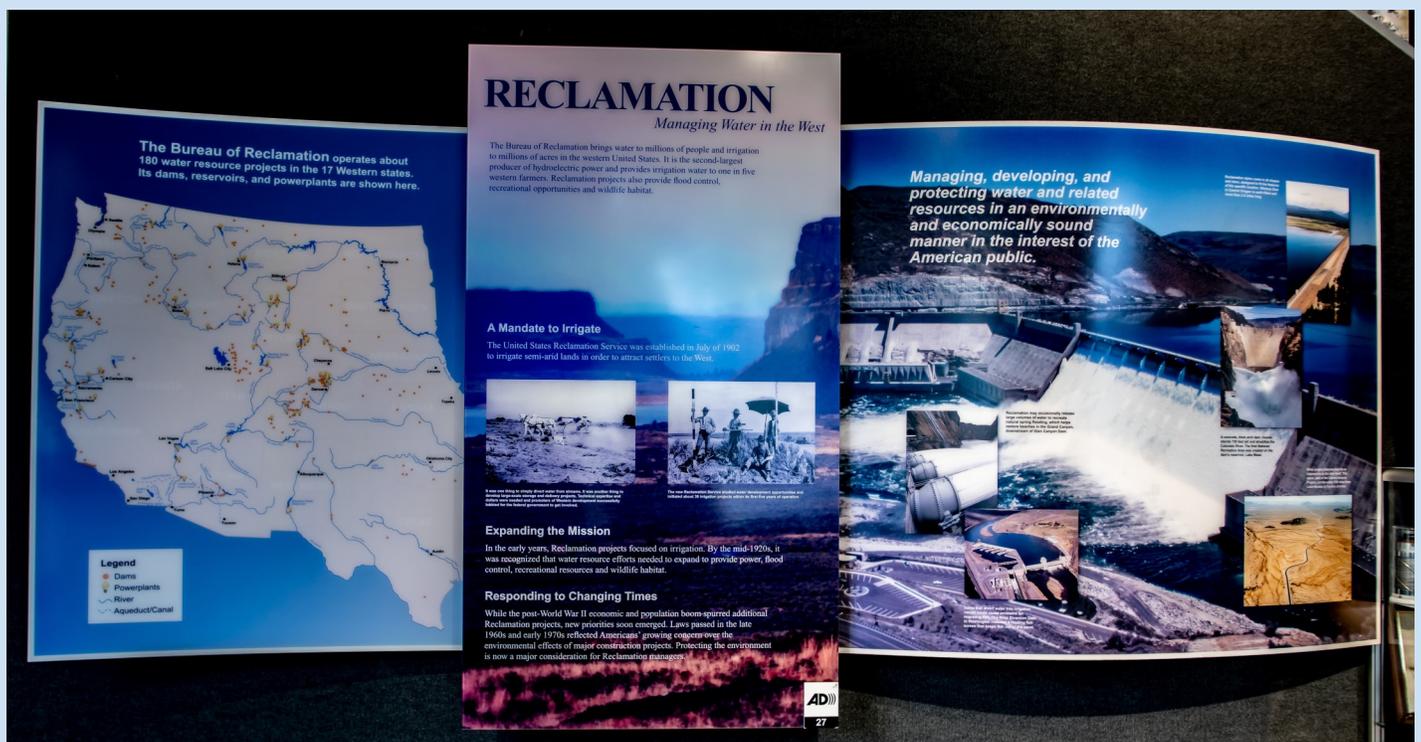
41. What is the Bureau of Reclamation's mission statement?

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# Information

42. How many states get electricity from Grand Coulee Dam?

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43. What could you build with 12 million cubic yards of concrete?

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44. What are the purposes & benefits of Grand Coulee Dam?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

# Information

45. What is the total generating capacity of Grand Coulee Dam?

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46. The John W. Keys III Pump-Generating Plant is the major component of the irrigation project at Grand Coulee Dam. How far is the water pumped uphill?

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47. How many acres of farmland is irrigated by the water from the pump generating plant?

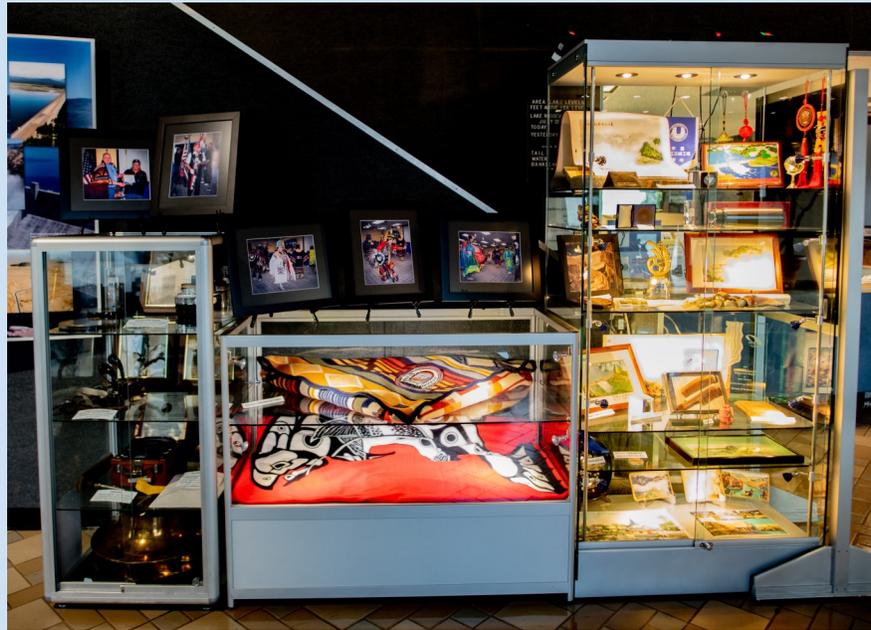
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# Information



48. Notice the telephone and headset in the display case. Who used them and what were they used for?

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49. People visit Grand Coulee Dam from all over the world and bring gifts. List some countries who visited Grand Coulee Dam and gave gifts.

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