

## Water Jeopardy

### Definitions 1:

- 100 A hole in the ground used to extract water. (Well)
- 200 A wind-driven water pump. (Windmill)
- 300 An artificial lake used to collect and store water. (Reservoir)
- 400 The level below which the ground is saturated with water. (Water table)
- 500 The electricity produced using the force of falling water. (Hydroelectricity)

### Definitions 2:

- 100 The moisture on leaves and flowers in the morning. (Dew)
- 200 Natural disaster when river overflows its banks. (Flood)
- 300 Small streams that join larger rivers. (Tributary)
- 400 A flowing well. (Artesian well)
- 500 The land that is next to water. (Riparian land)

### Lakes:

- 100 Name three lakes in Douglas County.
- 200 What is the smallest of the Great Lakes? (Lake Ontario)
- 300 What percent of Douglas County is covered by lakes? (10%)
- 400 How many lakes are in Douglas County? (662)
- 500 How many lakes are there in the state of MN? (15,000)

### History:

- 100 What did the Titanic hit before it sank? (An iceberg)
- 200 What state claims to have invented water skiing? (Lake City, MN)
- 300 What were the first water pipes made out of? (Logs)
- 400 What was the name of the glacial lake that existed in northwest MN 1,000 years ago? (Agassiz)
- 500 What year did Charles Lindbergh fly over the Atlantic Ocean? (1927)

### Rivers:

- 100 Where does the Mississippi River start? (Lake Itasca)
- 200 What river drains the eastern 2/3 of the US? (Mississippi)
- 300 Name one river in Douglas County. (Long Prairie, Sauk, Chippewa)
- 400 A major river or body of water and the land area that it drains is called what? (Watershed)
- 500 How many miles of rivers, streams and ditches are there in MN? (92,000 miles)

### Properties:

- 100 What are the three forms of water? (Solid, liquid, gas)
- 200 What is the change of water to gas called? (Evaporation)
- 300 The change of water vapor to liquid is called what? (Condensation)
- 400 What temperature does water boil? (212 degree F)
- 500 How much does a gallon of water weigh? (8 1/3 pounds)

**Wow, That's Big:**

- 100 The largest inland salt lake is . . . ? (Great Salt Lake)
- 200 What is the largest lake in Douglas County? (Lake Miltona)
  
- 300 What is the world's largest aquifer? (Ogallala)
- 400 Which is the biggest lake contained entirely in MN? (Red Lake)
- 500 What lake in Douglas County has the most miles of shoreline? (Lobster Lake, 17 miles)

**Air:**

- 100 What causes bubbles in water? (Air)
- 200 What causes white caps on lakes? (Wind)
- 300 Which holds more water, warm air or cold air? (Warm air)
- 400 What stream has more air than water? (Jet stream)
- 500 The release of moisture from plants to air is called what? (Transpiration)

**Name That . . . 1:**

- 100 Name a sport that uses two forms of water. (Skiing)
- 200 Name the two sources of our water supply. (Ground and surface water)
- 300 Name the MN state fish. (Walleye)
- 400 Name one of the cloud groups. (Stratus, cumulus, cirrus, nimbus)
- 500 Name the canal that connects the Pacific and Atlantic Oceans. (Panama Canal)

**Name That . . . 2:**

- 100 Name two freshwater fish. (Walleye, bass, sunfish, crappie)
- 200 Name the famous geyser in Yellowstone Park. (Old Faithful)
- 300 Name 3 of the 7 processes in the water cycle. (Condensation, runoff, percolation, precipitation, infiltration, and transpiration)
- 400 Name 3 of the 5 oceans. (Antarctic, Atlantic, Pacific, Indian, and Arctic)
- 500 Name a watershed in Douglas County. (Sauk, Long Prairie, Chippewa)

**Miscellaneous 1:**

- 100 Rain, sleet, snow and hail are examples of what? (Precipitation)
- 200 Where does your well water come from? (Ground water, aquifer)
- 300 What is the universal solvent? (Water)
- 400 How much water should a person consume per day to maintain health? (8 glasses)
- 500 What percent of the earth's water is salt water? (97%)

**Miscellaneous 2:**

- 100 What is the scientific formula for water? (H<sub>2</sub>O)
- 200 True or False. Water is a good conductor of heat. (False)
- 300 When is the best time of the day to water your lawn? (Early morning)
- 400 How can wetlands improve ground water? (Filter and purify)
- 500 What percent of the human body is water? (66%)

**Miscellaneous 3:**

- 100 What is the Spanish word for water? (Aqua)
- 200 How many personal floatation devices are required to be carried on your boat? (One per person on board)

- 300 Why does precipitation run off rather than soak in the cities? (More area is impervious)
- 400 How many seas are there? (7)
- 500 From what point in western MN does water flow N and S? (Browns Valley)

**It's Alive:**

- 100 How long can a person live without water? (About one week)
- 200 What is one crop grown in water? (Rice, fish)
- 300 Name two types of vegetation that grows in water. (Cattails, reeds, milfoil, duck weed)
- 400 What insect needs water to survive? (Mosquito)
- 500 What aquatic plant is invading MN lakes? (Eurasian water milfoil)

**Pollution:**

- 100 What is the most common contaminator of water? (Sediment)
- 200 How many gallons of gasoline does it take to contaminate the water supply for a community of 50,000 people? (1 gallon)
- 300 Name two sources of groundwater pollution. (Landfill, septic, underground gas tank, sedimentation)
- 400 Once water is contaminated, how long does it stay contaminated? (Thousands of years)
- 500 A single identifiable source of contamination is called what? (Point source pollution)

**Usage 1:**

- 100 What is the average amount of water used by a person daily? (87 gallons)
- 200 How much water is used to wash your hands? (2 gallons)
- 300 How much water is used to get a drink of water? (1/4 gallon)
- 400 How much water is used to take a bath? (30 gallons)
- 500 How much water is used to make a loaf of bread? (150-300 gallons)

**Usage 2:**

- 100 How much water does it take for a shower per minute? (5 gallons/minute)
- 200 How much water is used to flush a toilet? (2-7 gallons)
- 300 How many gallons of water are used to wash a load of clothes? (25-30 gallons)
- 400 How many gallons of water are wasted if the facet is left running? (2-5 gallons)
- 500 How many gallons of water are used in a dishwasher? (15 gallons)

**Usage 3:**

- 100 How could you tell if your water is hard or soft? (Test it)
- 200 What makes water hard? (Minerals)
- 300 What type of water causes a bathtub ring? (Hard water)
- 400 Name a common mineral found in hard water. (Calcium, iron, magnesium)
- 500 What is used in water softeners to soften water? (Salt)