

Non-native plants have grown on the land.

Take 5 droppers of water out of the river

Wildlife populations have increased this year.

Take 5 droppers of water out of the river

Record high summer temperatures causing high levels of evaporation.

Take 7 droppers of water out of the river

200 people arrive to settle in the Rio Grande Valley. They dig wells to take water out of the aquifer.

*** Insert pump in hillside ***

You came out to teach the children of the copper miners. You need water for personal use and for watering your garden

Pump 3 times

You were heading toward California during the great gold rush and got lost. While looking for your way, you found a huge deposit of copper and started a copper mining company.

Pump 5 times

You are a dairy farmer and you need water to grow alfalfa and hay

Pump 8 times

The community has a passion for green chile. You grow one of the largest farms in the area. You need water for your precious crops.

Pump 6 times

You own the largest cattle herd in the region. You need water for watering and

El Niño year- that means that it rained 18 inches as opposed to the yearly average

growing alfalfa.

Pump 6 times

of 9 inches.

ADD 5 droppers of water to the river and hills

Re-mark the level of the watertable

Has it decreased, increased or stayed the same?

Record high summer temperatures causing high levels of evaporation.

Take 7 droppers of water out of the river

Non-native plants have grown on the land.

Take 5 droppers of water out of the river

People keep moving into the Rio Grande Valley. You build a cereal factory to provide breakfast for the growing population.

Pump 5 times

You run a chain of clothing stores to provide clothing for the community.

Pump 4 times

Evaporation strikes again!

Take 7 droppers of water out of the river

A new school is built. It includes a large football field and an outdoor pool.

El Niño year- that means that it rained 18 inches as opposed to the yearly average of 9 inches.

Pump 7 times

ADD 5 droppers of water to the river and hills

Re-mark the level of the watertable

Has it decreased, increased or stayed the same?

The new school swimming pool has started a trend. 50 homes have swimming pools installed. Evaporation and filling the pool use a lot of water.

Pump 8 times

Kentucky Bluegrass is a type of grass that uses 44 inches of water a year. That is 35 inches more than Albuquerque=s annual rainfall.

5 new parks are built. They plant bluegrass.

Pump 10 times

We have a record-breaking winter! Snow is everywhere!

Snow melts into water that enters the river and aquifer.

ADD 5 droppers of water to the river and hills

Re-mark the level of the watertable

Has it decreased, increased or stayed the same?

How would the water shortage affect people in this community?

What changes could be made to keep more water in the aquifer?

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