

Name: _____ Date: _____ Peroid: _____

[Lake Mead's low water level prompts feds to consider declaration of Colorado River water shortage - YouTube](#)



Research use <https://piktochart.com/> or another website that is similar, to create an infographic about the Colorado River and Lake Mead

Be sure to include:

- the background information about the Colorado River and formation of Lake Mead
 - Length, average depth, native species, use in commerce/culture/agriculture, how many states/people rely on it, etc
 - Hoover Dam and how it changed the river to create the lake
- Cultural or societal significance of the Colorado River and Lake Mead
 - How Native American Tribes, Colonial settlers, current residents use the river and what it means to them
- How the drought is affecting the surrounding areas and the River/Lake
 - Who's being affected the most? Homeowners, agriculture, etc
- How groundwater/aquifer is affected by over use of the river and lake
 - Describe effects of over drawing the aquifer
- Detail the efforts being made to replenish the Colorado River and Lake Mead
 - Federal government and state governments
- At least three MLA cited sources

Suggested Resources:

<https://www.drought.gov/>

<https://www.ppic.org/publication/californias-water-the-colorado-river/>

<https://www.nps.gov/lake/learn/historyculture/index.htm>

https://www.crit-nsn.gov/crit_contents/about/

<https://www.circleofblue.org/2015/world/in-drying-colorado-river-basin-indian-tribes-are-water-dealmakers/>

<https://www.nps.gov/features/lake/museum/categories.html>

<https://www.britannica.com/place/Colorado-River-United-States-Mexico>

<https://www.ppic.org/blog/groundwater-and-the-colorado-river/>

<https://www.ppic.org/blog/a-balancing-act-for-the-colorado-river/>

<https://www.ppic.org/blog/search-sustainability-colorado-river-basin/>

Rubric

	0-1	2-3	4-5
Background	General background about Colorado River and Lake Mead was not sufficiently described to make the audience familiar with this topic	General background information about the River given, little detail about the details of the river and how the lake was formed	General background gives a full picture of the river including: length, native species of plants and animals, average depth, its use to humans, how many states rely on it, when the Hoover Dam was built, how lake Mead was formed all described
Cultural Significance	Student does not describe the Native American tribes who historically lived along the river, colonists and modern residents described, student explains how each of these cultures values the Colorado River	Student briefly describes the Native American tribes who historically lived along the river, colonists and modern residents described, student explains how each of these cultures values the Colorado River	Student describes the Native American tribes who historically lived along the river, colonists and modern residents described, student explains how each of these cultures values the Colorado River
How drought is affecting Lake Mead and Colorado River	Student does not describe current drought conditions and does not provide any specific examples	Student describes the current drought conditions of the Colorado River area some facts seem to be missing which makes it hard to understand, missing the description about how that impacts humans, animals and industry without specific examples	Student describes the current drought conditions of the Colorado River area, describes how that impacts humans, animals and industry with specific examples
How groundwater is affected	Student does not describe how groundwater and	Student does describe how groundwater and aquifers are affected by	Student describes how groundwater/aquifers are affected by overuse

	aquifers are affected by the overuse of the Colorado River, no specific effects included	the overuse of the Colorado River but explanation doesn't include the specific affects to the surrounding environment	of the Colorado river and describe specific effects of that overdrawing
Replenishment efforts	Student does not explain how the federal and state governments are conserving water	Student vaguely explains what the federal and state governments are doing to conserve water or student only explains one type of conservation	Student explains what the federal and state governments are doing together to preserve the Colorado River and it's aquifer
MLA courses	No enough sources or all sources are improperly cited	3 sources, not MLA formatting or partially improper formatting	3 MLA cited sources