# AUTUMN 2022 COURSE - SIGN UP NOW

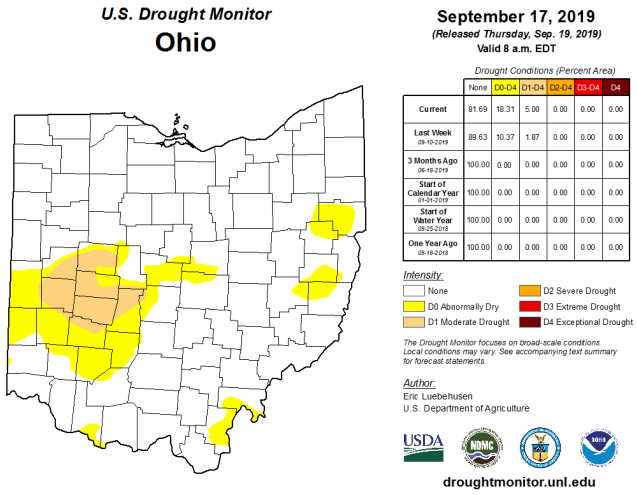
## GEOG 5194: Group Studies in Geography (AU22)

Class Number: 35879 (Undergraduate) & 35878 (Graduate)

# Drought: A Persistent Climate Hazard

**Monday & Wednesdays 11:10 AM – 12:30 PM**
**Derby Hall 1116**
**Instructor:** Dr. Zack Leasor (leasor.4@osu.edu)
**3 Credit Hours:** Elective for Atmospheric Sciences, GEOG-BS (Physical Geography and Spatial Analysis) and GEOG-BA (Environment and Society) Majors

Drought is a complex climate hazard at the intersection of the atmospheric and terrestrial components of the hydrologic cycle. Precipitation deficits and subsequent drought conditions can occur in any climate type and during any season. Drought poses a significant risk for society because it results in agricultural losses, reduced water resources, negative economic impacts, and human health concerns. To compound this risk, drought impacts tend to persist longer than other natural climate hazards. This course will provide students with an introduction to drought and highlight key research questions in hydroclimatology. This course will introduce different types of droughts and their definitions, examine the physical processes that lead to drought, and explore methods of monitoring drought. Students will be introduced to critical research questions within the drought community through in-class discussions, practical applications of hydroclimatic data, and a final research paper.

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