AUTUMN 2022 COURSE - SIGN UP NOW

GEOG 5194: Group Studies in Geography (AU22) Class Number: 35879 (Undergraduate) & 35878 (Graduate)

Drought: A Persistent Climate Hazard

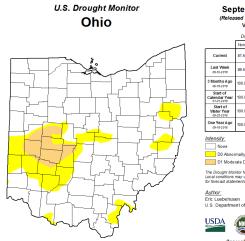
Monday & Wednesdays 11:10 AM – 12:30 PM

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.



September 17, 2019 (Released Thursday, Sep. 19, 2019) Valid 8 a.m. EDT						
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	81.69	18.31	5.00	0.00	0.00	0.00
Last Week 09-10-2019	89.63	10.37	1.87	0.00	0.00	0.00
3 Month s Ago 06-18-2019	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year	100.00	0.00	0.00	0.00	0.00	0.00
Start of Valter Year 09-25-2018	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago 09-18-2018	100.00	0.00	0.00	0.00	0.00	0.00
Intensity:						
None D2 Severe Drought						
D0 Abnormally Dry D3 Extreme Drought						
D1 Moderate Drought D4 Exceptional Drough						
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.						
<u>Author:</u> Eric Luebehusen U.S. Department of Agriculture						
USDA	NDM		Ě		tor	0
droughtmonitor.unl.edu						



