

# **BIG** **WEATHER**



Origin, Expansion, NIL, and Future Climate  
Dave Rexroth, Chief Meteorologist, WXYZ-TV



# Origins



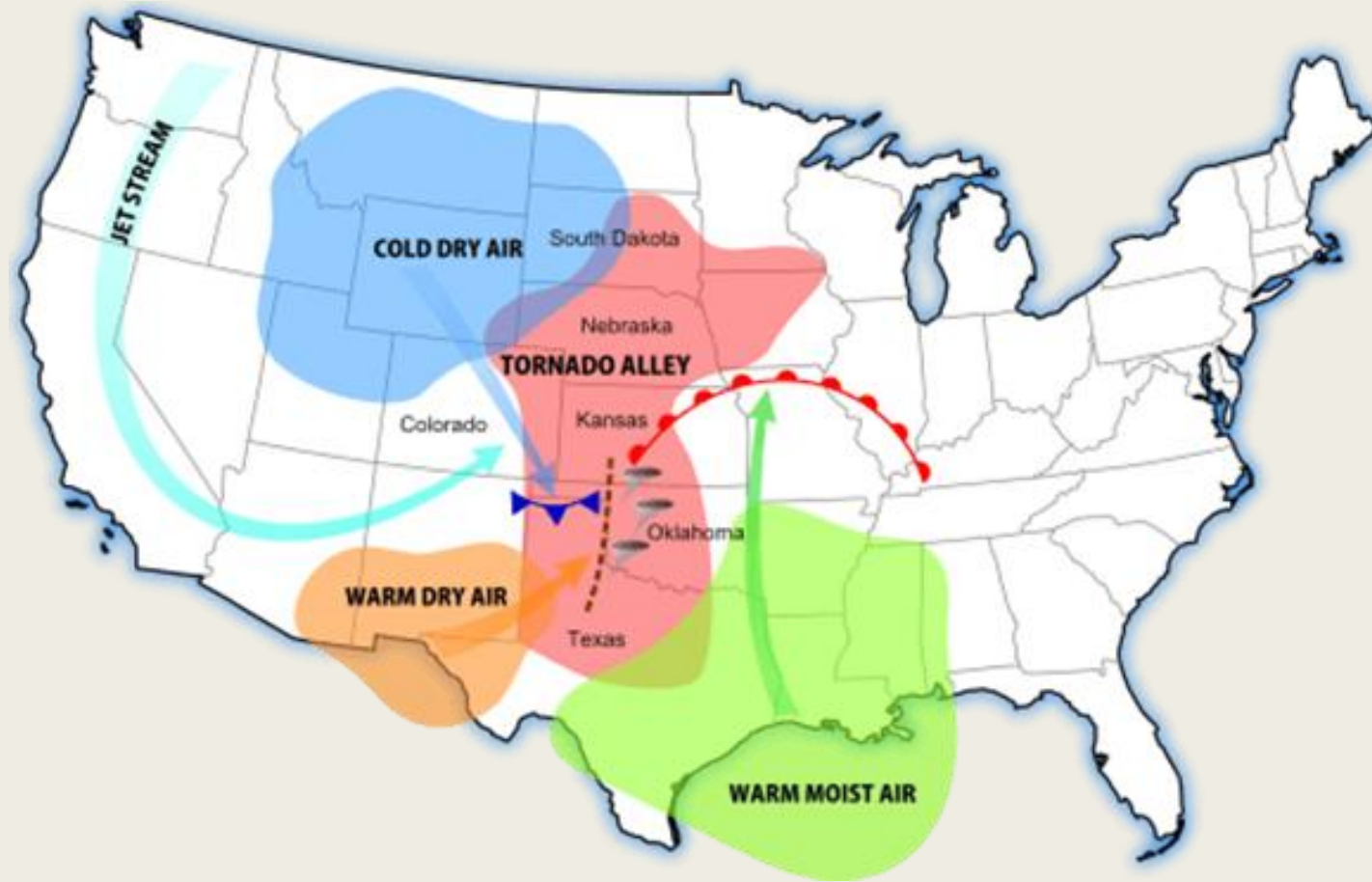
## Big Ten Conference

- 1896 Big Ten founded
- Oldest NCAA Division I collegiate athletic conference in the United States



## Meteorology and Me

- 1890s Vilhelm Bjerknes first numerical prediction forecast
- Omaha and Tornado Alley



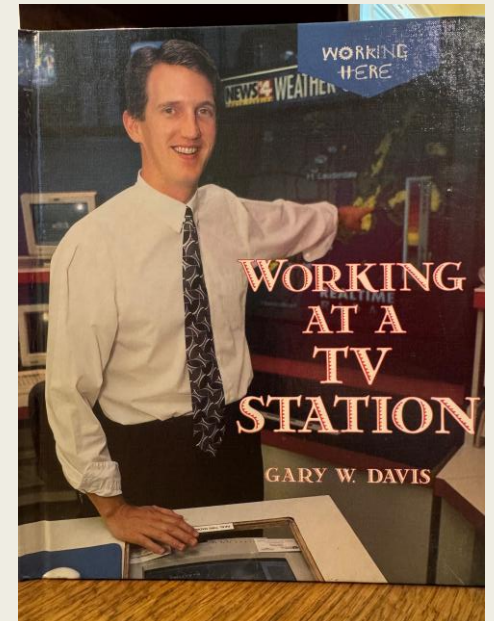
# Expansion

## Big Ten

- 1950-1989 10 Teams
  - *Michigan, Michigan State, Iowa, Illinois, Minnesota, Purdue, Indiana, Northwestern, Ohio State, and Wisconsin*
- 1990 Penn State added
- 2011 Nebraska added

## Meteorology and Me

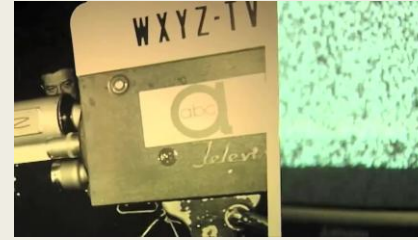
- Luther College, Decorah, IA Physics
- University of Chicago, Masters of Atmospheric Science with Dr. Fujita ("Mr. Tornado")
- WOI, Des Moines, IA
- WRGB, Albany, NY
- WFOR, Miami, FL
- WXYZ, Detroit, MI





## Big Ten

- 2014 Maryland and Rutgers added
- 2024 UCLA, USC, Oregon, and Washington



## Meteorology and Me

- Changes in forecasting and technology
  - *From 12 hour teletypes to hourly three-dimensional models*
  - *From mail to social media*
  - *From 6 and 11pm to 4pm, 5pm, 6pm, 7pm, 10pm, and 11pm*

# Name, Image, Likeness (NIL)

## Big Ten

- 2021 NIL payments allowed for college athletes



## Meteorology and Me

- Stock car race
- First to skate on ice at Campus Martius
- Commercial in Jamaica
- Spot in Twister movie
- Part of the 2002 Olympic relay



# Climate



## Big Ten

- Headed to a self-guided future independent of the NCAA



## Climate and Me

- Climate change
  - *Global warming and a complete change in our weather*
- Weather versus climate
- Atmospheric black box
- Where we're headed

# Questions?

