

# *The National Drought Mitigation Center's Drought Risk Atlas*

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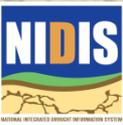
National Drought Mitigation Center

School of Natural Resources

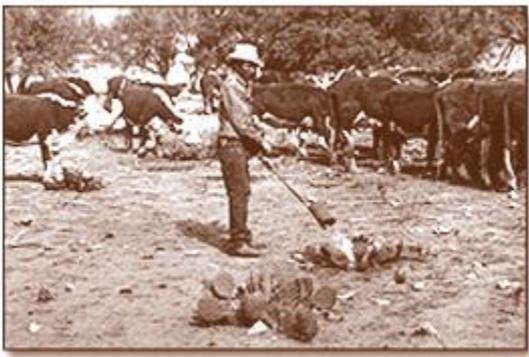
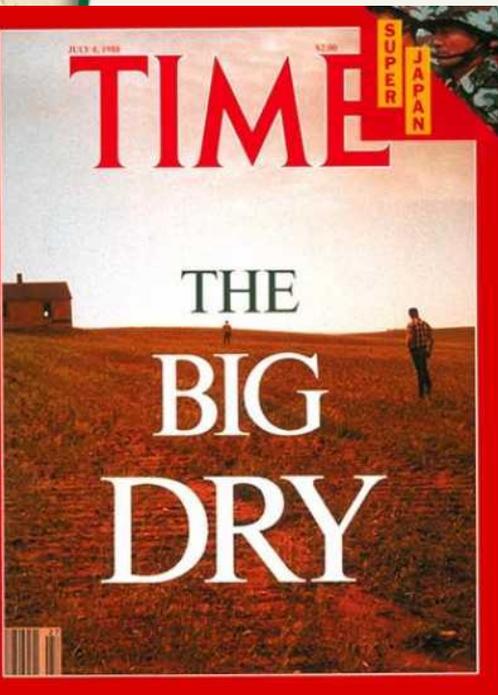
University of Nebraska-Lincoln

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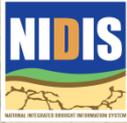


# Why a Drought Risk Atlas?



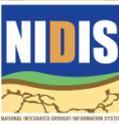
Feeder Cattle

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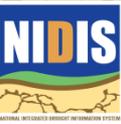
# What Questions Will the Atlas Answer?

- ▶ How does the drought compare historically?
- ▶ How often does a drought of this magnitude happen?
- ▶ When was the last time a drought like this happened?
- ▶ What is the likelihood of the drought continuing?
- ▶ What did the spatial footprint of the last drought look like?



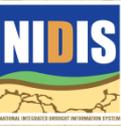
# How was this accomplished?

- ▶ Using the best, most complete, long-term stations from the COOP network
- ▶ Calculating the climatology and various drought indices (SPI, SPEI, Deciles, PDSI, SC-PDSI, Drought Monitor)
- ▶ Providing the data for various time steps (weekly, monthly, annually)
- ▶ Gridded maps of each index for each aggregated timestep.



# Demonstration of NDMC's Drought Risk Atlas

- ▶ NDMC's Drought Risk Atlas



# Any Questions ?



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