

NeRAIN 2022

WERA 1012 Conference
Estes Park CO, May 18, 2022



DEPT. OF NATURAL RESOURCES

NeRAIN--Nebraska Rainfall Assessment and Information Network

- NeWBA and the HUC 12 Project
- Stakeholders phone calls
- Non-standard rain gauges

HUC 12 Project

- Ten rain gauges in Perkins County
- Enclosed basin—ideal for studying water balance
- Began by wanting NeRAIN to support ET gauges—spent hundreds but never got them to work.
- Found that it was a big job to check all the gauges daily.

Stakeholders Phone Calls

- Included:
 - NeWBA
 - Nebraska Mesonet (& state Climatologist)
 - Water for Food Center
- Determined that ET is difficult to measure, and they calculate it instead
- Agreed there was a need for using non-standard gauges

Non-Standard Rain Gauges

- Types of Gauges
 - Standard
 - Other
- Not available via API
- Cannot convert standard to other & vice versa
- Four training sessions with regional coordinators

Questions?

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