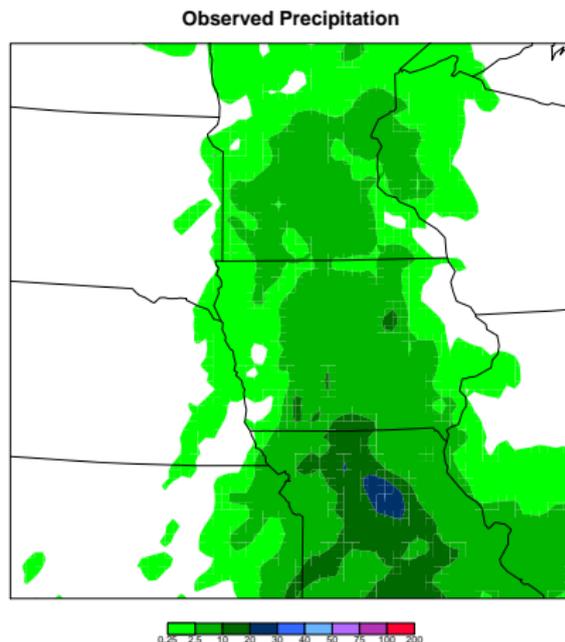


GRIB Data in R

- General goal:
Streamline weather/climate data accessibility in R
- GRIdded Binary (GRIB) support
- Wealth of GRIB datasets (NCEP Stage IV QPE)
- Current strategy:
GRIB → Python + NCL → NetCDF → R



GRIB Data in R

- Proposed strategy: GRIB \rightarrow R
- Variety of C and Fortran tools for GRIB
 - wgrib
 - Python and NCL tools
 - ECMWF API
- Process
 1. R functions (with C) to read GRIB
 2. Object-oriented approach
 3. Combine GRIB grid descriptions with maps
 4. OPeNDAP support
 5. R package?