R Programming For Natural Resource Professionals

Week 2: Data Structures, Data Types, Finding Help, Coding Etiquette

lterdatasampler package


```
library(lterdatasampler)
```

A series of data sets from the Long Term Ecological Research project network disseminated for classroom instruction.

- `ntl_airtemp:` Daily average air temperature data for Madison, Wisconsin (1869 - 2019)

- `ntl_icecover:` Ice freeze and thaw dates for Madison, Wisconsin Area lakes (1853 – 2019

- `knz_bison:` Konza Prairie, Kansas annual summary of bison herd structure, end-of-season weights of individual animals, and maternal parentage of individual bison.

LTER data set package

`ntl_icecover:`

- Lake name, dates of freeze-up and thaw, and duration of ice cover of lakes in the Madison, WI area.
- Ice cover duration is the number of days that a lake is frozen, excluding periods where the lake thaws before refreezing again.

LTER data set package

`knz_bison:`

- The purpose of this study is to monitor long-term changes in individual animal mass.

- The datasets include an annual summary of the bison herd structure, end-of-season weights of individual animals, and maternal parentage of individual bison.