Interagency Management of Weather Data

RAWS, WIMS, WFDSS

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Outline

- Bev Fronterhouse:
  - Interior Telecomm Coordinating Group – AK (ITCG-A)
  - DOI-wide shared RAWS maintenance program in AK
- Heidi Strader
  - Data flow
  - Greenup procedures
- Mark Hale
  - Where WFDSS gets its data
  - Expected changes to WFDSS weather inputs
  - Future of CFFDRS Fire Danger Graphs in WFDSS
Data Flow

- RAWS collects and transmits data to the satellite at designated time every hour
  - 2359 Z transmission = 23 Z observation
- WFMI downloads data from satellite; becomes data warehouse
- Data is disseminated from WFMI to:
  - WIMS
  - WRCC
  - AICC Database
  - ROMAN/Mesowest
- WIMS calculates NFDRS values, which are used in WFDSS.
- Data cannot be altered in WFMI, but can in other databases.
Greenup Procedures

- Several dates must be designated in WIMS in order to make calculations of NFDRS work... this may also be needed if CFFDRS will be used in WFDSS.
- Pre-green date is entered when site is snow-free.
- Greenup date should be entered at beginning of greenup, not at the end!
- Calculations of fuel moisture are then done automatically within the NFDRS program.