

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.