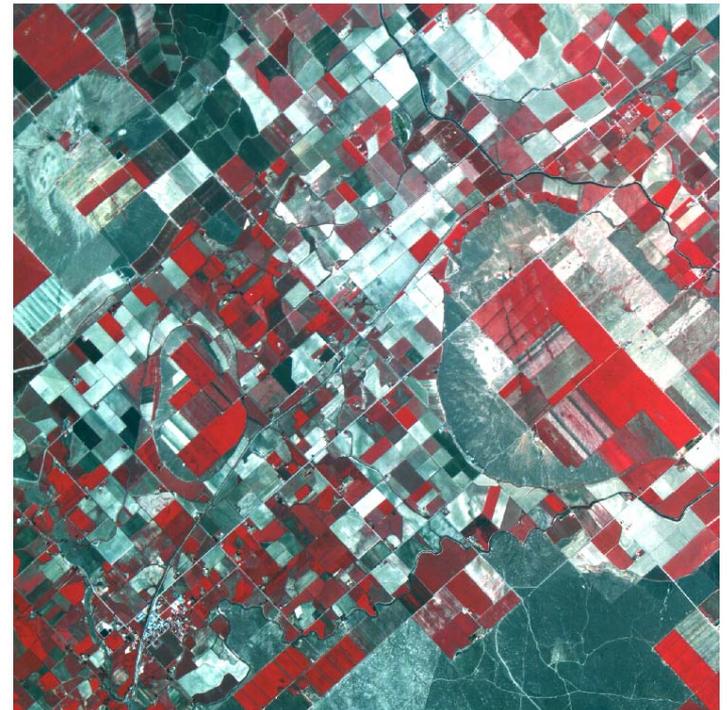


IDWR Image Library

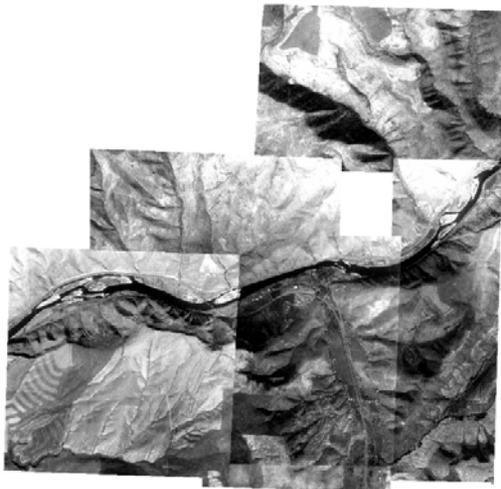
High Altitude Photography (U2-C and ER-2 Aircraft)

- Historical data for various IDWR projects (mostly Southern Idaho)
- Dates range from 1975 to 1983
- Available only as film transparencies or paper photos, in digital form
- Available only at the IDWR State Office
- Color Infrared



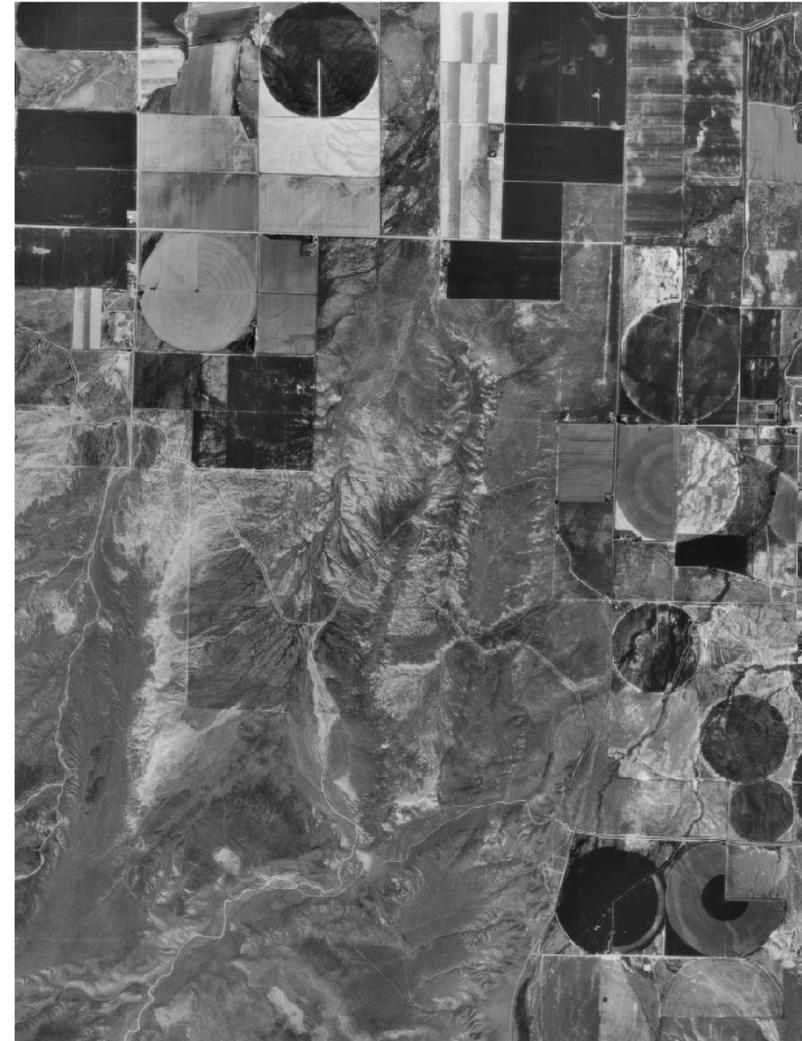
Aerial Photo Imagery

- Historical data for the Snake River Basin Adjudication & various IDWR projects
- Dates range from 1939 to 2000, with the bulk of the data around 1987ish
- Agricultural / Irrigated areas (little coverage in Northern Idaho)
- Black & White, True Color, and Color Infrared
- Pixel sizes vary between 1.5-meter to 3.5-meter
- TIFF format
- Various Sources – Forests, Counties, BLM, FSA, HAP, NAPP, NHAP, SCS, etc



Digital Ortho Photo Quads (DOQQs)

- Historical data produced by USGS
- Dates range from 1992 to 2000,
with the bulk of the data around 1992 & 1998
- Statewide coverage – 6,367 images
- Black & White
- 1-meter pixels
- MrSID format

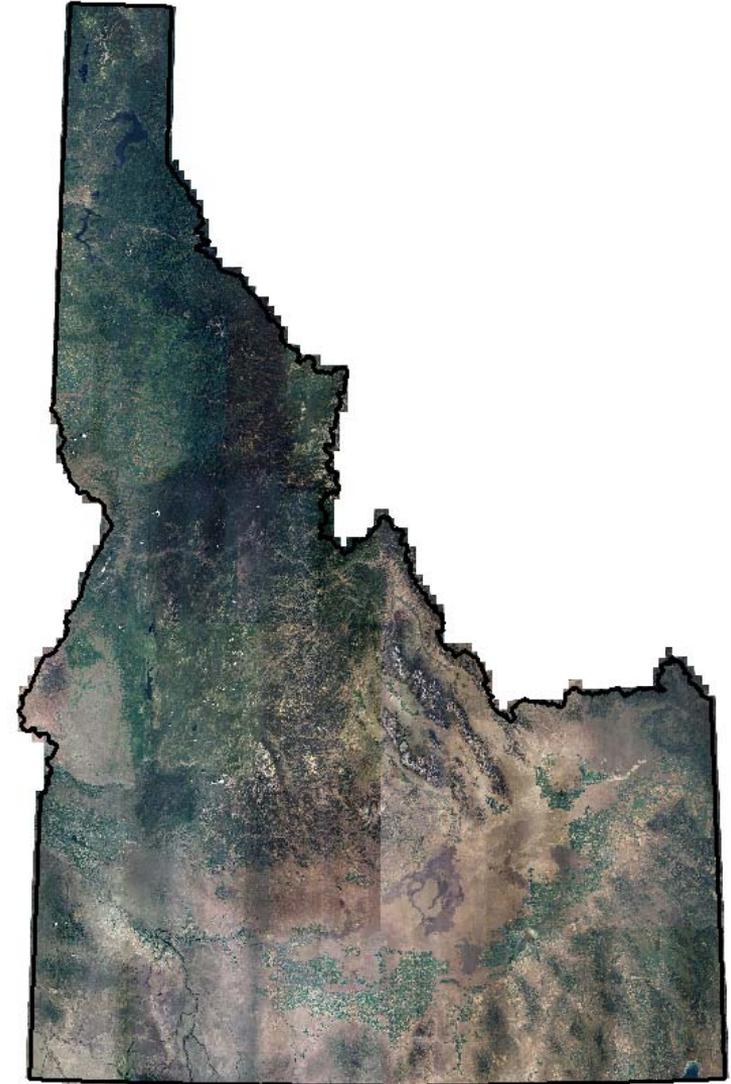


National Agriculture Inventory Program (NAIP)

- Produced by FSA

2004

- Statewide coverage – processed as 100k tiles
- True color
- 1-meter pixels
- MrSID format

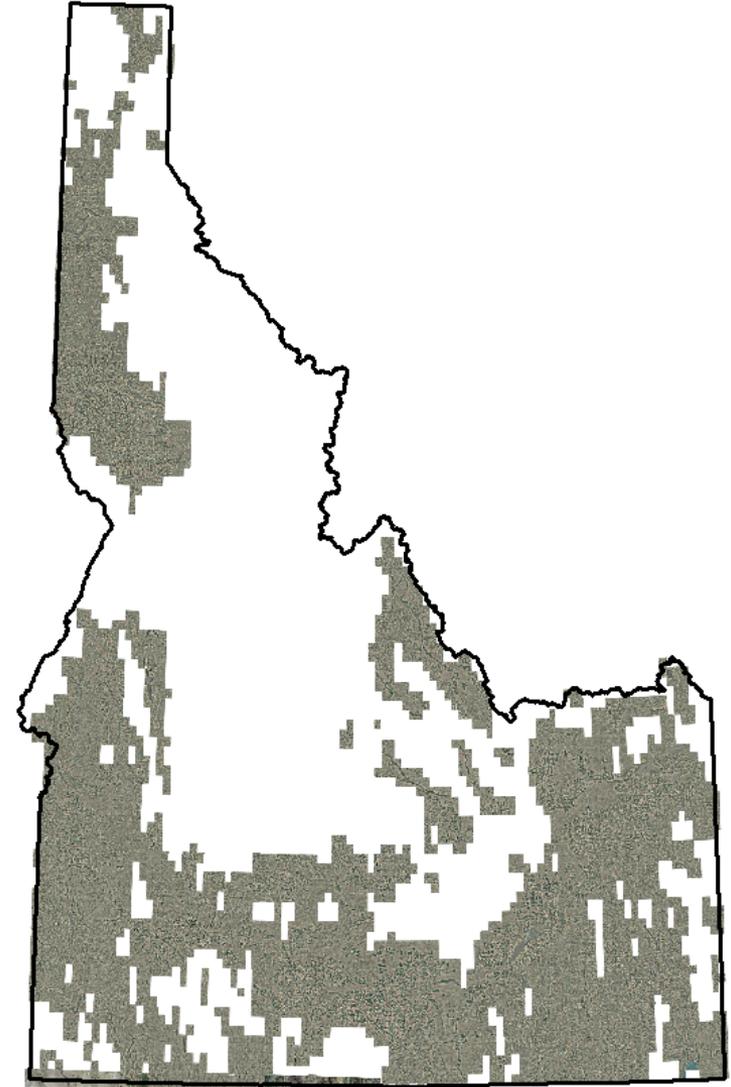


National Agriculture Inventory Program (NAIP)

- Produced by FSA

2006

- Agriculture areas only– processed as 100k tiles
- True color
- 2-meter pixels
- MrSID format

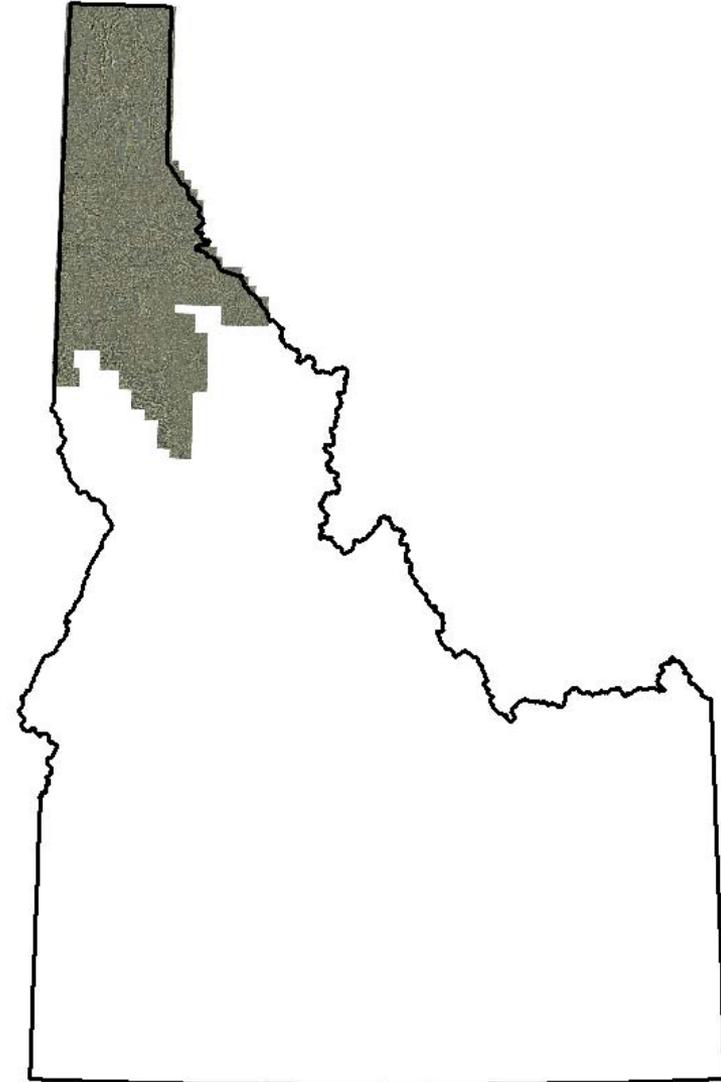


National Agriculture Inventory Program (NAIP)

- Produced by FSA

2006

- Northern Idaho coverage – processed as 100k tiles
- True color
- 1-meter pixels
- MrSID format



National Agriculture Inventory Program (NAIP)

- Produced by FSA

2009

- Statewide coverage – processed as 100k tiles
- 4-band Color infrared (jp2 format; bands are interchangeable from true color to false color)
- 3-band True color (MrSid format for field equipment)
- 1-meter pixels



Satellite Imagery

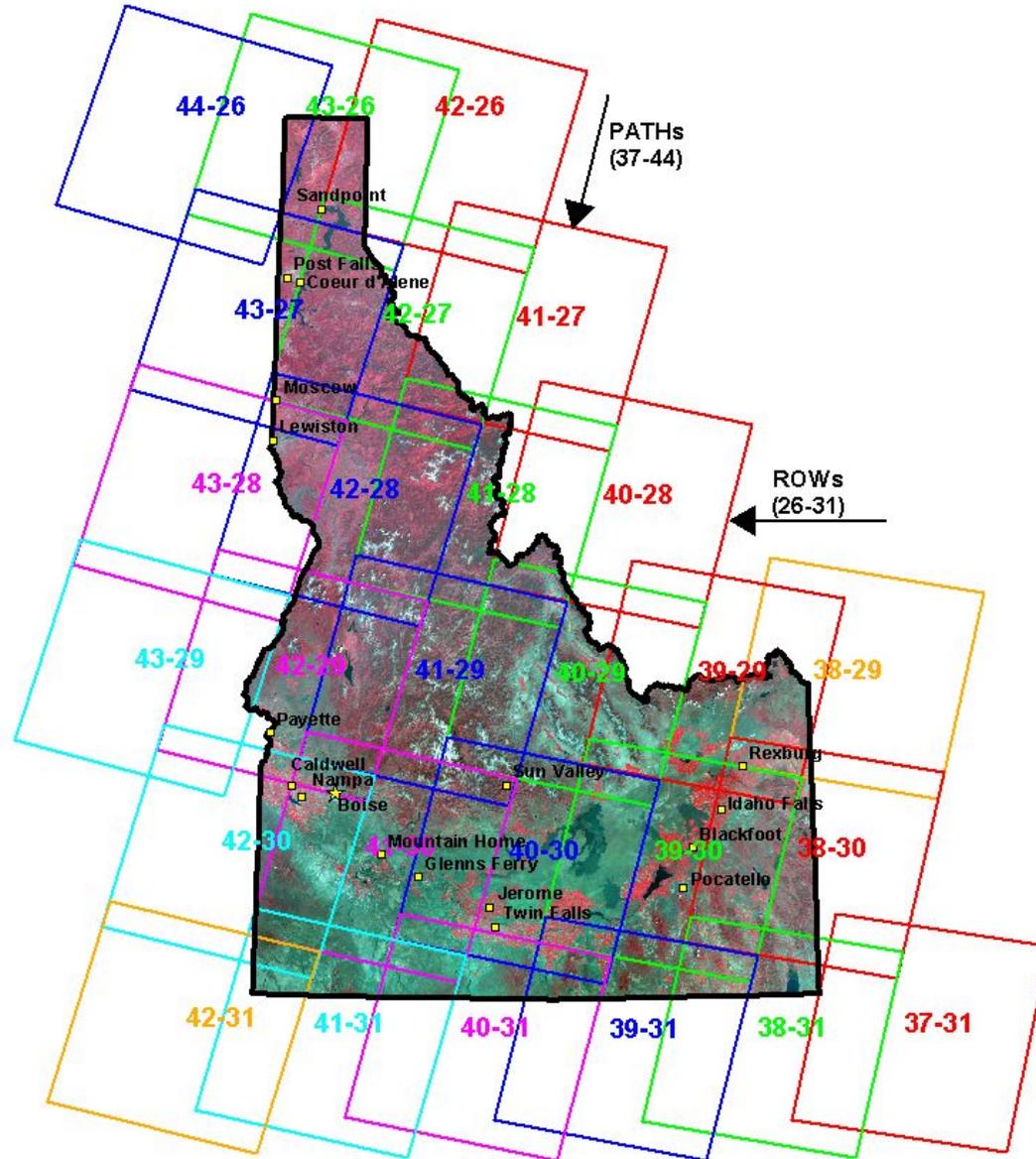
Offered as individual scenes, statewide mosaics, regional mosaics or both, depending on the dataset

- Landsat
- SPOT
- IKONOS

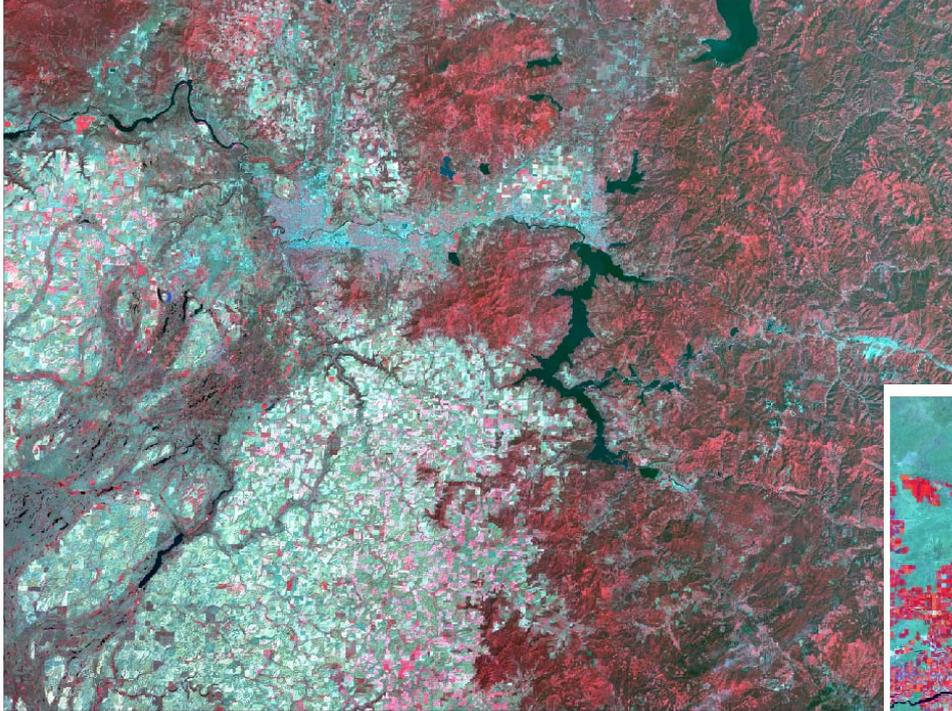
Landsat Satellite Imagery

Offered as individual scenes, statewide mosaics, regional mosaics or both, depending on the dataset

- Approximately 485 individual scenes
- Dates range from 1976 to 2010
- pixel size is either:
 - 15-meter (Landsat 7 ETM+ sensor) or
 - 30-meter (Landsats 4-5 TM sensor) or
 - 60-meter (Landsats 1-5 MSS sensor)
- IDWR processes scenes into 3-band MrSID images
 - bands 432 and bands 453
- Most scenes are in IDTM
- Free download from [Earth Explorer](#) and [GLOVIS](#)

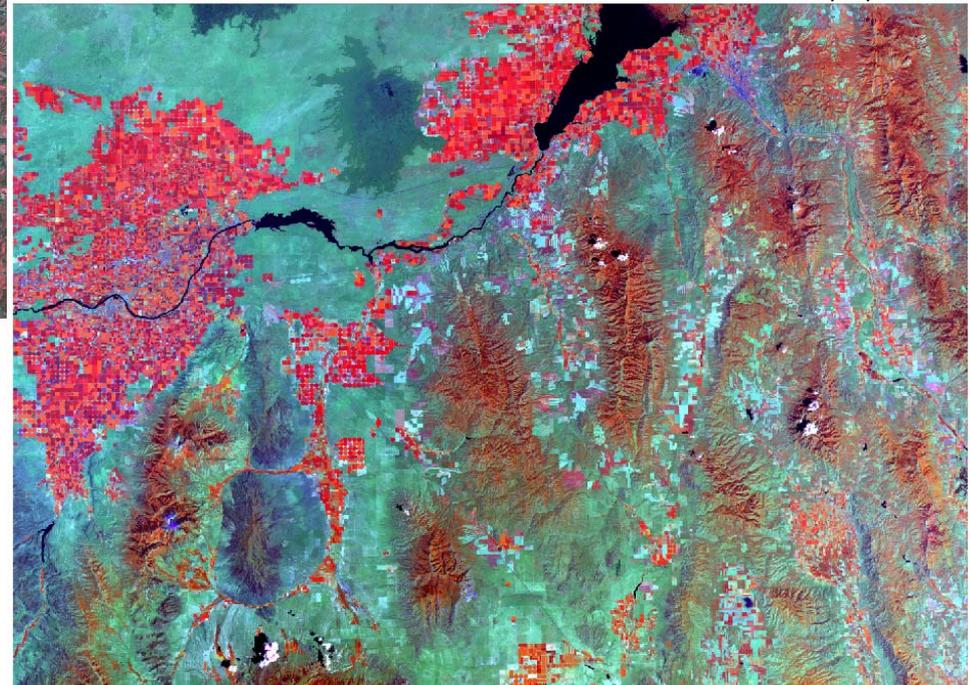


Summer 1997-1998 tiled by 250k tiles

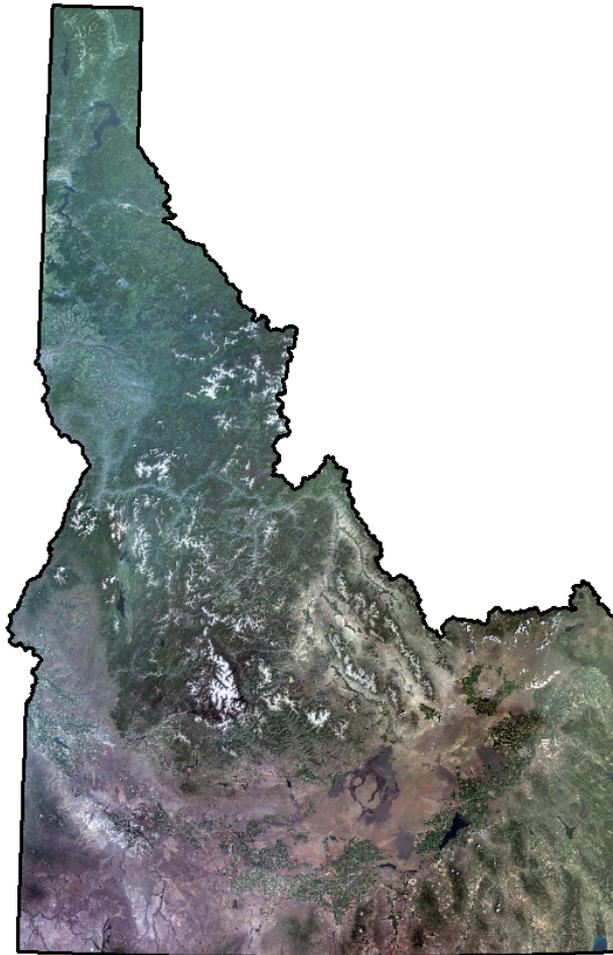


Bands 4,3,2

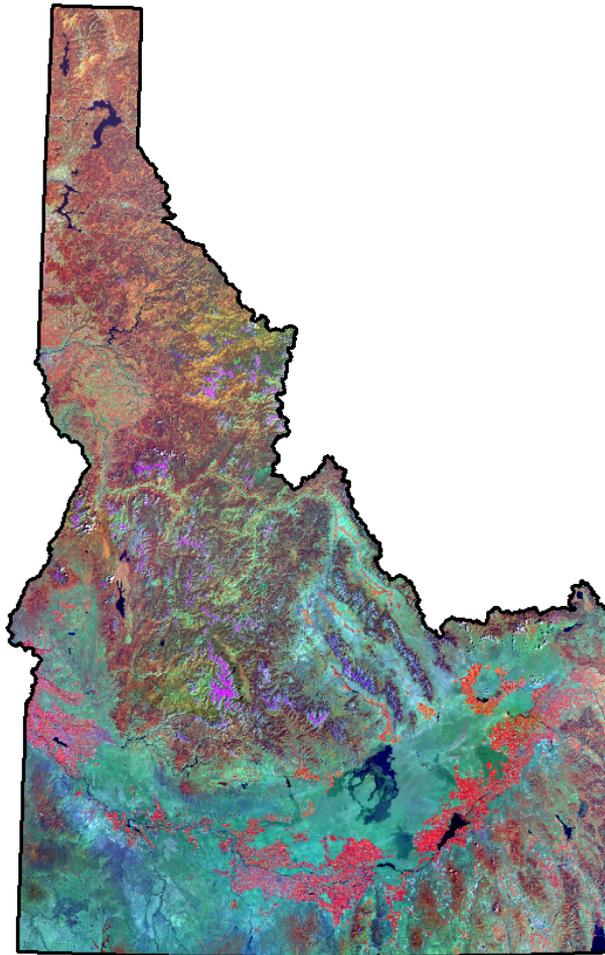
Bands 4,5, 3



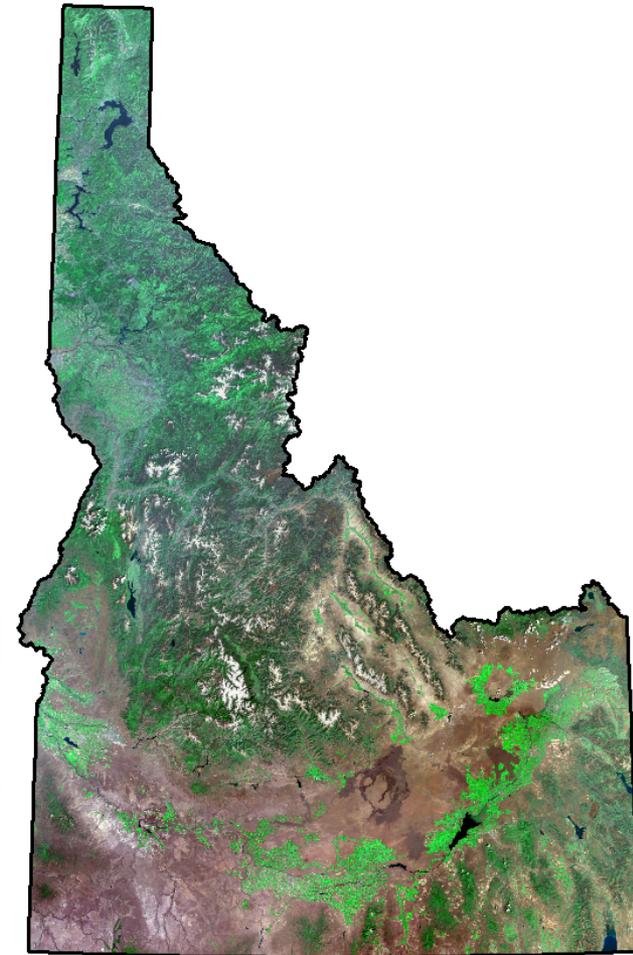
Summer 1997-1998 tiled into statewide mosaic



Bands 3,2,1

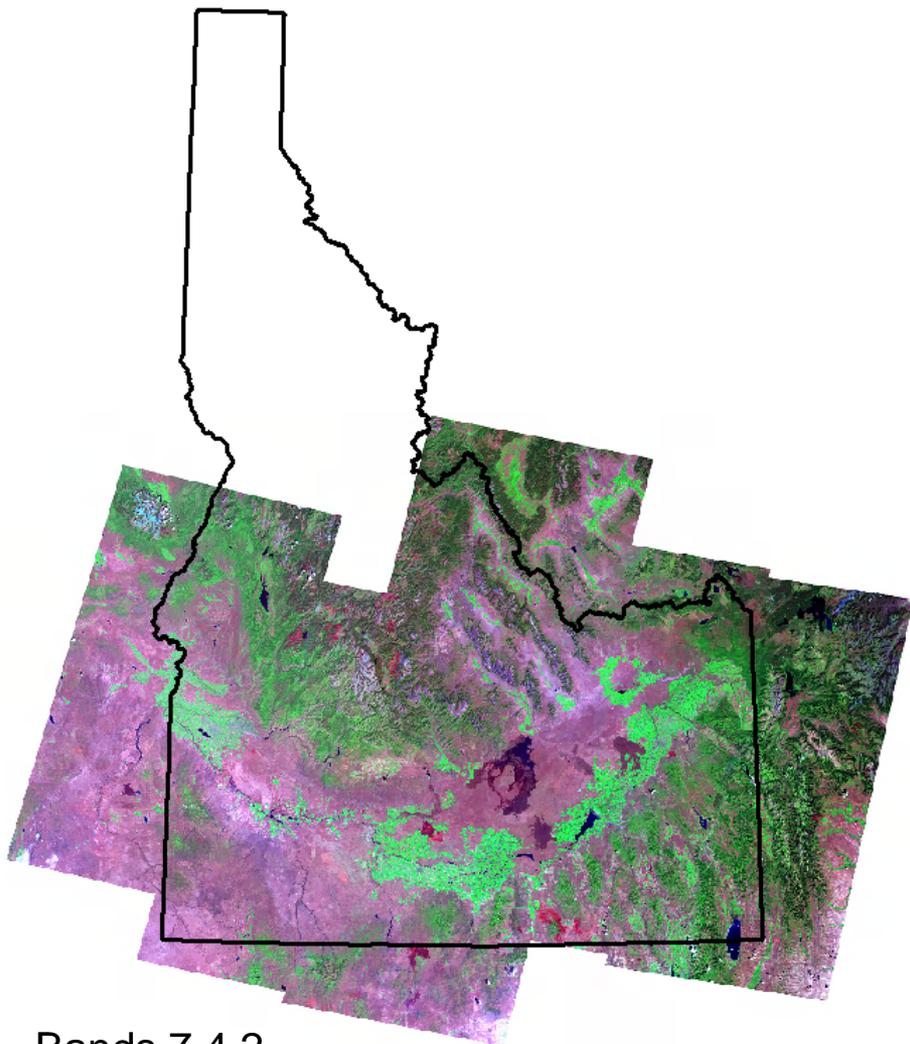


Bands 4,5, 3

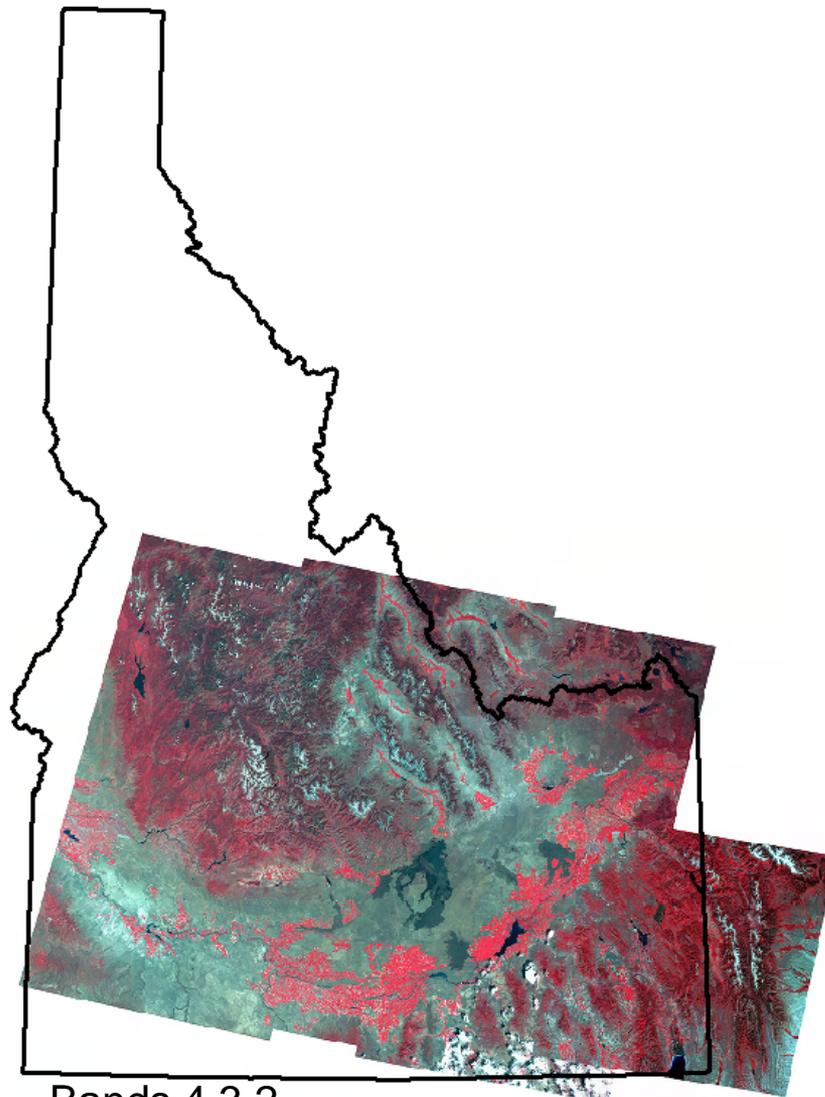


Enhanced true color using NDVI

Summer 2007 and 2008 tiled into regional mosaics



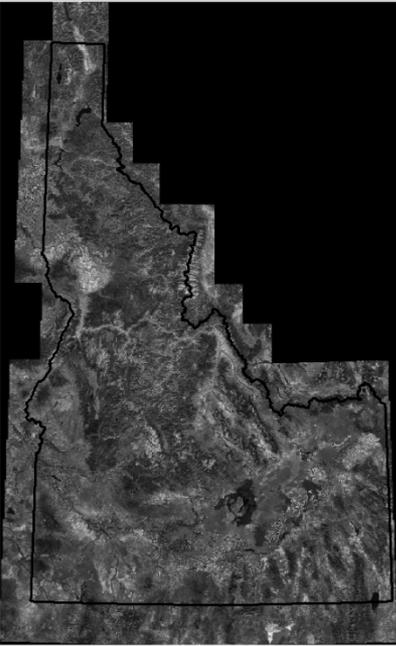
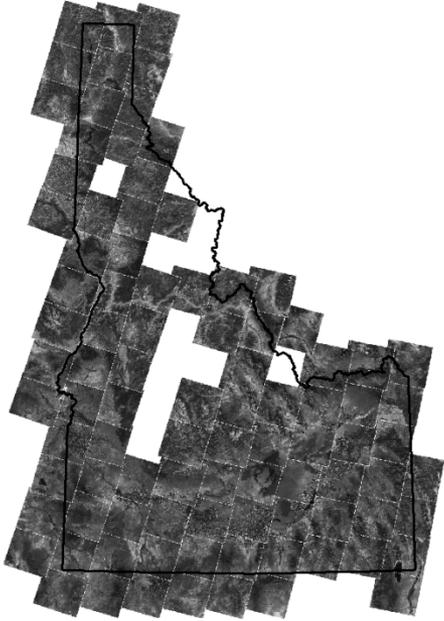
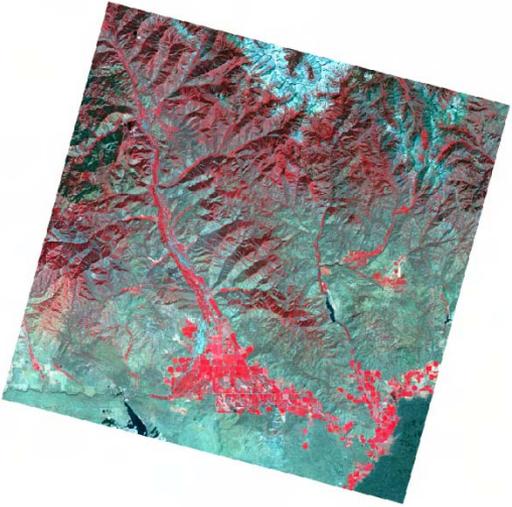
Bands 7,4,2



Bands 4,3,2

SPOT Satellite Imagery

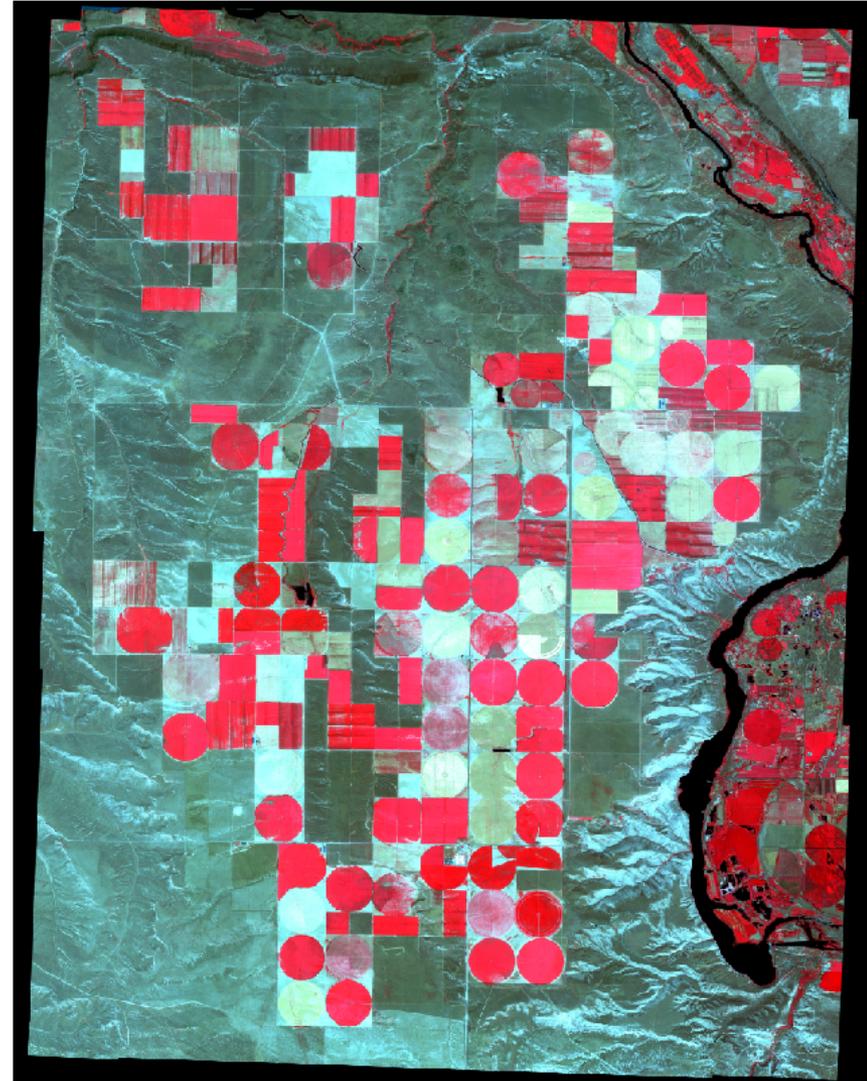
Offered as individual scenes or statewide mosaic, depending on the dataset – **NOT open to public domain** (sorry ☹)

1998 SPOT	2002-2003 SPOT	2005, 2007, 2008
pixel size is 10-meter	pixel size is 2.5-meter	pixel size is 10-meter
panchromatic	panchromatic	multispectral
		

IKONOS Satellite Imagery

NOT open to public domain (sorry ☹️)

- pixel size is 1-meter
- multispectral



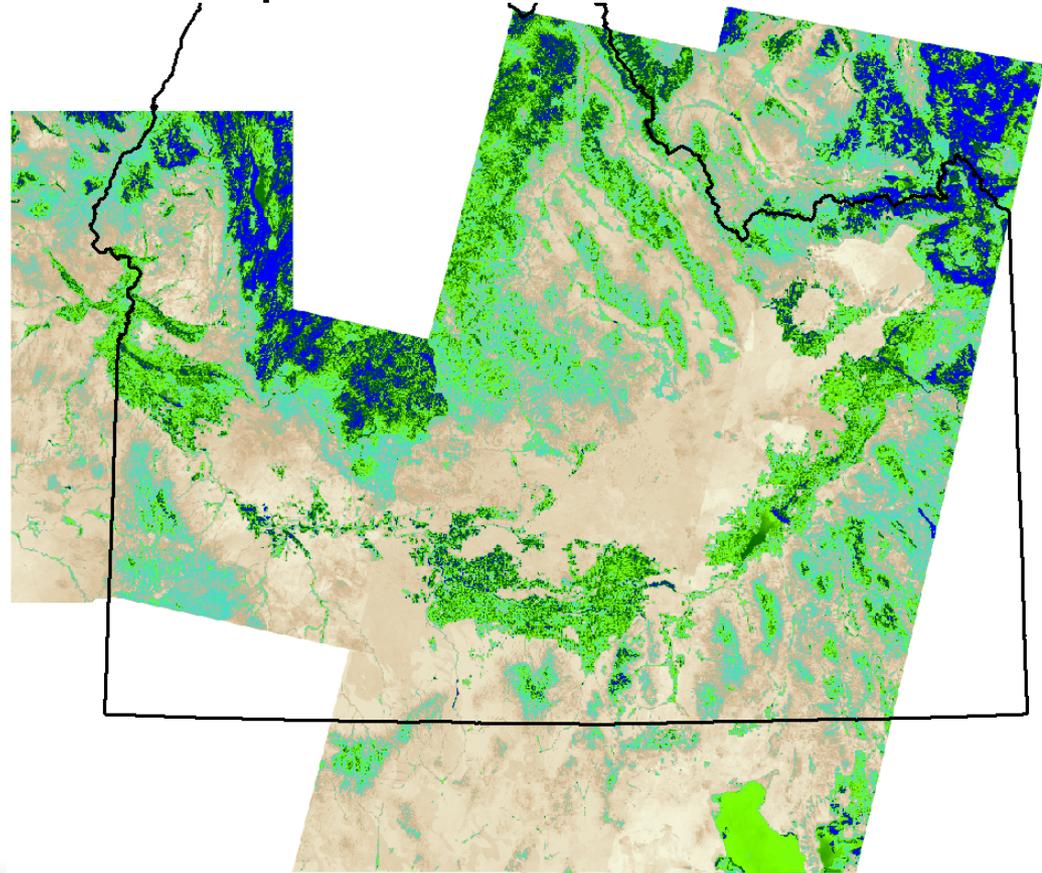
METRIC Data

(Mapping EvapoTranspiration at high Resolution using Internalized Calibration)

Uses Landsat data to compute and map ET

Web application:

<http://maps.idwr.idaho.gov/et/>



Let's go to the WEB!