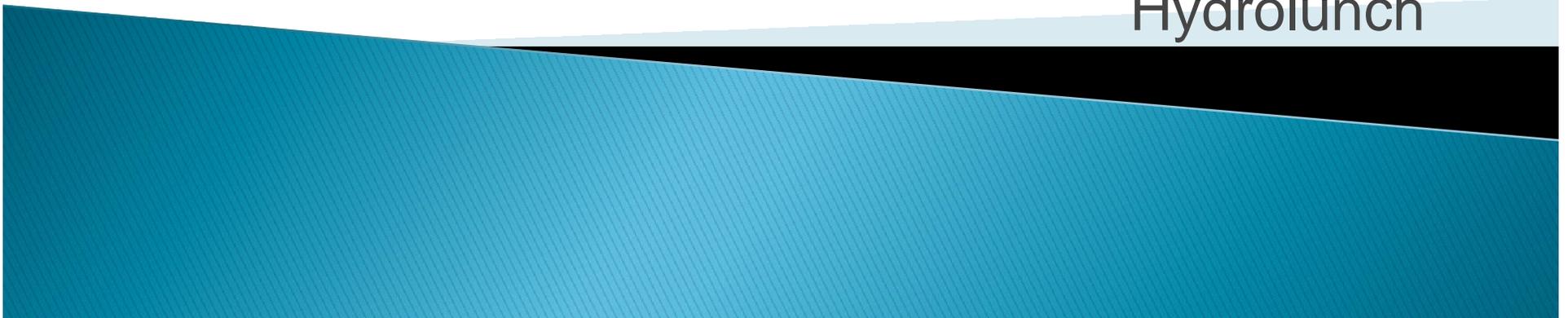


BUILDING A DATA SERVER FOR ECOLOGICAL DATA

Deb Agarwal
BWC technical team
17 September 2007
Hydrolunch



Unprecedented Data Availability

[LTER Home](#) | [Intranet](#)



The US Long Term Ecological Research Network

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AmeriFlux
 The AmeriFlux network is a collaborative effort of scientists from 14 universities across the United States, working together to investigate ecological processes at multiple scales. The network is a collaborative effort of scientists from 14 universities across the United States, working together to investigate ecological processes at multiple scales.

The Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI)

The AmeriFlux ecosystem level momentum is an interannual time series from North America. Please click on sites included in the AmeriFlux (FLUXNET) web observations for more about the networks.

LTER Site Home Pages

About | **Map Legend**

Hydrology Data Access System

HDAS provides uniform access to several national-scale water resource databases:

- USGS NWIS
- AmeriFlux Network

To chart or download time series, please follow these steps:

1. Zoom in on area of interest until you see station points on the map
2. Click on the icon

- What's New**
- XML**
 - Moore makes 'Nature' special
 - Harvard Forest and University of Massachusetts scientists develop new process for synthesizing ecological data sets
 - Jornada Researchers Helping Unravel Causes of Desertification in the Southwestern United States
 - Bonanza Creek Featured in USA Today Article on Climate Change
 - Cedar Creek Study Shows That Plant Diversity Enhances Ecosystem Resilience

National Weather Service Hydrologic Information Center

Home | News | Organization

3613 Total Gauges
 5 Locations in Flood

296 Gauges: Observations older than 12 hours
 17 Gauges: Out of Service

Select a satellite/collection:
 Terra, Collection 4
 Aqua, Collection 4
 Aqua + Terra, Collection 4
 Terra, Collection 5
 Aqua + Terra, Collection 5

Select a product:
Daily:
 Top-of-the-atmosphere Radiance: MOD02/MYD02
 Surface Reflectance: MOD09/MYD09 MOD09CMG/MYD09CM
 Snow Covers: MOD10_L2/MYD10_L2 MOD10C1/MYD10C1
 Surface Temperature: MOD11/MYD11 MOD11C1/MYD11C1
 Active Fires: MOD14/MYD14
 Active Fire on Surface Reflection: MOD14MOD09/MYD14MYD09
 LAI/FPAR: MOD15A1/MYD15A1 MOD15A2/MYD15A2
 Sea Ice: MOD29/MYD29 MOD29E10/MYD29E10

8-days:
 Surface Reflectance: MOD09A1/MYD09A1 MOD10C2/MYD10C2
 Snow Covers: MOD10C2/MYD10C2 MOD11C2/MYD11C2
 Surface Temperature: MOD11A2/MYD11A2 MOD11C2/MYD11C2
 Fire: MOD14A2/MYD14A2

National Climatic Data Center
 U.S. Department of Commerce

Search Field:

Climate Data
 Weather/Climate, Events, Information & Assessments

Upper Air | Marine | Satellite | Paleoclimatology

HOW ARE WE DOING? A user survey

Disclaimer



ECOLOGICAL Measurements Are Often Not Simple or Complete

- ▶ Gaps in the data
 - Quiet nights