

POSTCARDS

US-Dia: Diablo (CA)



The site is on land owned by Lawrence Livermore More

FEATURED SERVICES

Upload Data Upload files for flux and BADM data.

t Upload Data

Join the AmeriFlux Community Join the email list. Create a personalized account.

Join Community

MORE POSTCARDS

US-Dia: Diablo (CA) Nov 11 2014



The site is on land owned by Lawrence Livermore National Laboratory (Site 300) and has no grazing or management history since the 1950's except for summer-time burning of selected acres for fire management (not included in the tower

AmeriFlux Annual PI Meeting



I'm reporting on last week's AmeriFlux Annual PI Meeting More

Download Data See which variables and years are available.

1 Download Data

Thompson Ridge wildfire

Credit: Photo taken by Kristen

Honig on June 5, 2013 — at More

Register a Tower Site Register your tower site to upload data for it, etc.

• Register a Site

Google[™] Custom Search

ABOUT AMERIFLUX

The AmeriFlux network is a community of sites and scientists measuring ecosystem carbon, water, and energy fluxes across the Americas, and committed to producing and sharing high quality eddy covariance data. AmeriFlux investigators and modelers work together to generate understanding of terrestrial ecosystems in a changing world.

UPCOMING EVENTS

AmeriFlux Town Hall at AGU Fall 2014—Tuesday December 16 @ 12:30 pm - 1:30 pm **Moscone Center** San Francisco

AGU Fall 2014 December 15 – 19 **Moscone Center** San Francisco

Data Management Workshop, led by Bob Cook January 26, 2015 @ 12:00 pm - 5:00 pm To be announced Washington DC

USEFUL LINKS

Upcoming Events Find People Logos and Acknowledgments



AmeriFlux · Site Sets r7 **Home Page**

Step The next step shows: Sites menu





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Upcoming Events

Logos and Acknowledgments

Find People

AmeriFlux · Site Sets r7 **Home Page**

Step The next step shows: Site Search



AmeriFlux · Site Sets r7 Site Search

Notes

Step

The next step shows:

Geography filter

UI Spec

1. Search I Sets tabs: Takes user to Site Sets page.



Сору

•	Start ÷	
	2002	
	2000	





Step

The next step shows:

Elevation filter item

Share Set

Start ÷	
2002	
2000	
	Start • 2002 2000





Share Set

•	Start ÷	
	2002	
	2000	



-

Found Set:

Сору



AmeriFlux · Site Sets r7 Site Search

Notes

Step

The next step shows:

Saving as a site set

UI Spec

1. Save as Site Set button: User must be authenticated to save a site set. If user is not authenticated yet, this button takes them to the Sign In page, and then once authenticated takes the user to Site Sets.

;	Start ÷
	2004
	1998
	2007



AmeriFlux · Site Sets r7 New Site Set

Notes

Step

The next step shows:

Edit the site set

UI Spec

This is the view that a user would land on if someone else shared a link to a site set with them.

- + Add Site Set button: Adds a new set with default name "Untitled Set <# + 1>". Unless a set is created from the Found Set in Site Search, new sets have 0 members. Sortable by column heads Set Name and Sites (number of members).
- 2. All Sets table: Shows all of the user's site sets. Users must be authenticated to have saved site sets. If a user has no sets, display this string:

Click + Add Site Set to create a site set.

- **3. Selected Set Map:** Shows a marker for each site in sets selected in All Sets table. If no sets are selected, map has no markers.
- 4. Selected Set List: Shows a row for each site in sets selected in All Sets table. If no sets are selected, display this string:

Select a set in the All Sets table.

- 5. Title of selected site
- 6. HIghlight color: Highlight color (gold #FFC826) appears in all three areas to show the relationship of the selected set(s) and the sites in them.
- **7. Check box:** Use standard check box. Symbol used is only a proxy.
- 8. Marker label: Show site ID and site name. Nice to have: This is not a crucial feature, so leave if for last.
- 9. Edit button: Allows user to edit name and notes for selected set, as well as members of the set. Disable if more than one set is selected in All Sets.

Label toggles with "Done".



AmeriFlux • Site Sets r7 Add a Site Set

Notes

Step

The next step shows:

• Exit Edit mode by clicking Done.

UI Spec

- 1. Edit mode shows all sites: Edit mode allows user to add any site not currently in the set, so all are shown.
- 2. Add/delete UI for sites: For sites that are not already in the set, show an add button, which is just a linked text character (see below for specs). For sites that are not already in the set, show a delete button.

Add and delete characters are Font Awesome 16px. Use colors as indicated or something in existing CSS that is close.

Add: fa-plus-circle  #149802 Delete: fa-minus-circle  #FF0000

3. Done button: Save any changes to set name, Notes, and set members.



AmeriFlux · Site Sets r7 Add a Site Set

Notes

Step

The next step shows:

Contacting PIs

UI Spec

1. New set name and Notes



AmeriFlux · Site Sets r7 Show Other Sites

Notes

Step

The next step shows:

Site sets

UI Spec

- 1. On/Off toggle: Clicking this checkbox selects or deselects all sites.
- 2. Name of selected set(s): If more than one set is selected, show this string:

Multiple Sets

- **3. Site selection:** Nice to have: This is not a crucial feature, so leave if for last.
- 4. Tower Staff popover: Show this string:

For some tower sites, it is more effective to email tower staff in addition to or instead of the PI,

- 5. CC Me: CC user at their email address. Use user's address for reply-to.
- 6. Pls and tower staff: As selected above.
- 7. Message: Pre-populate with list of tower sites.

Share Set

NWT1)

reserve ...

factors



AmeriFlux · Site Sets r7 Add a Site Set

Notes

Step

The next step shows:

• Share the selected site set

UI Spec

1. Share Set button: Disable if more than one site is selected.



Notes

Step

The next step shows:

• Site sets.

UI Spec

- 1. Name of selected set
- 2. Site set in query string: See Site Set in Query String page for specs.
- 3. Copy URL button: Copies URL to user's clipboard.
- 4. Cancel button: Returns user to site sets.
- 5. Clicking outside of overlay is the same as Cancel button.

Share Set

Site Set in Query String

Assume that each tower in the network has a fixed sequence ID that will not change, even if tower sites earlier in the sequence are no longer in the network. For each tower site in the network, assign a value of "1" if it is in this site set, and "0" if not. Use these values to create a binary number. Then convert that number to base 36, which can be expressed using a combination of the digits and lowercase letters, as follows:

0 = 0 9 = 9 a = 10 z = 35 $7 gr 3v_{36} = 52243639_{10}$

If n = total number of sites, for n = 300 this allows site sets to be expressed as a 59-character string. Terminate the string with a semicolon. Do not include leading 0's. Shorten the string further using a variation of two's complement (for n = 300, resulting length is $^{\sim}30$ chars), as follows:

• Values below midpoint (< 2n/2) do **not** use a hyphen after the equal sign:

?sharesiteset=df4gwe4ts347dww6bgtrl2wwer7ase;

• Values at or above the midpoint ($\geq 2n/2$) **do** use a hyphen after the equal sign:

?sharesiteset=-s8weisvcx78sd24kjhxzc3w4kse98s;

Length variations if there are leading 0's:

```
?sharesiteset=df4gwe4ts347dw23fbde3qwrw6bgtrl2wwer7ase;
?sharesiteset=-23wivu923iuwer;
```

AmeriFlux • Site Sets r7 Site Set in Query String





Notes

Step

The next step shows:

• Hide other sites on the map

UI Spec

1. Other sites: Sites not in the selected set(s) are indicated by white markers.







Step

The next step shows:

• Site sets.





Notes

Step

The next step shows:

Merge sets overlay

UI Spec

1. Merge button: Only enabled when more than one set is selected.

Nice to have: This is not a crucial feature, so leave if for last.

- 2. Union of sets: All sites in all selected sets are shown in gold.
- **3. Edit button:** Disabled when more than one set is selected.



Notes

UI Spec

Nice to have: This is not a crucial feature, so leave if for last.

- 1. Delete selected sets: user selects if selected sets should or should not be replaced by single new merge set.
- 2. Name of resulting merged set