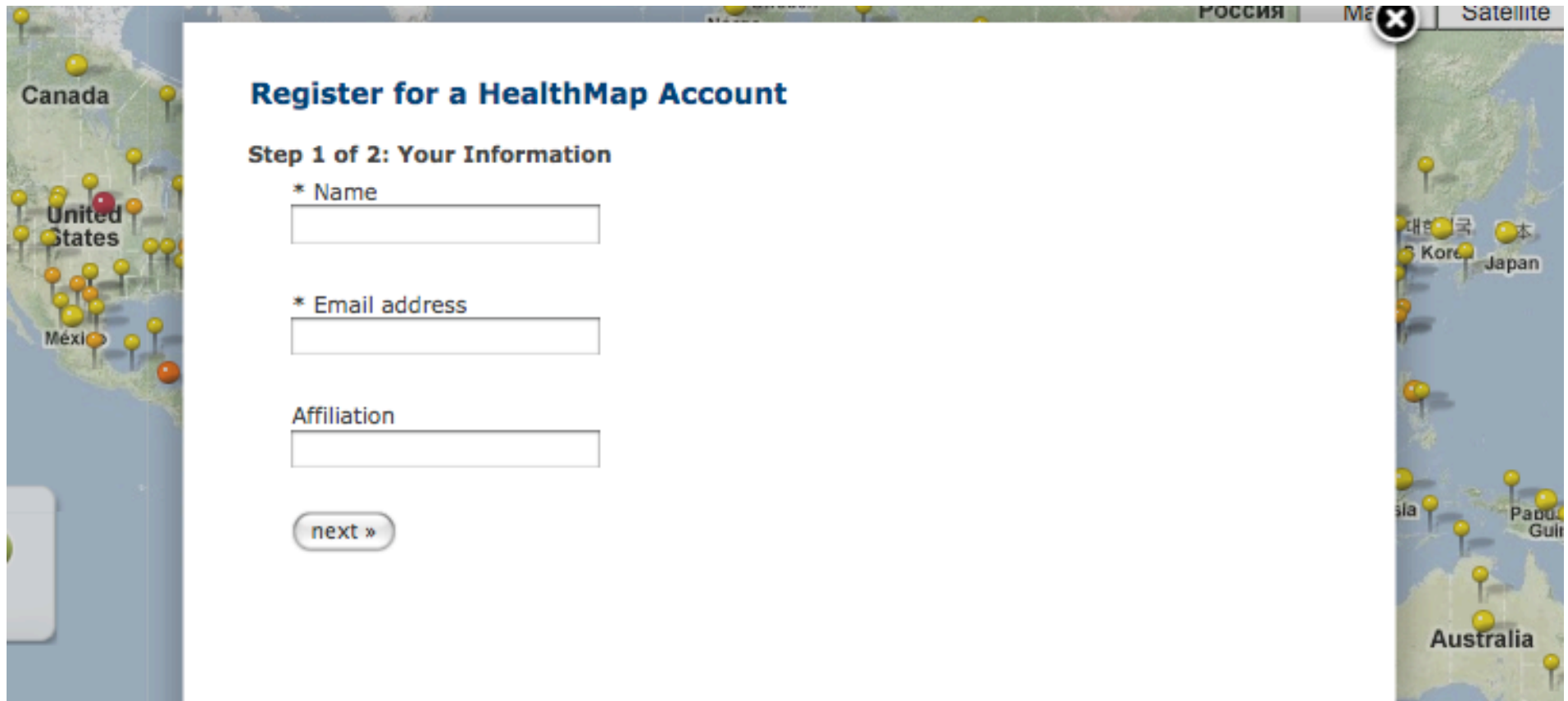# HealthMap 3.0 Tutorial
July 2010

Registering for HealthMap Account

- Registration is not required to use HealthMap
  - However, the rating alerts and commenting features are only available to registered users
- Registration is quick and requires minimal information

Register for a HealthMap Account
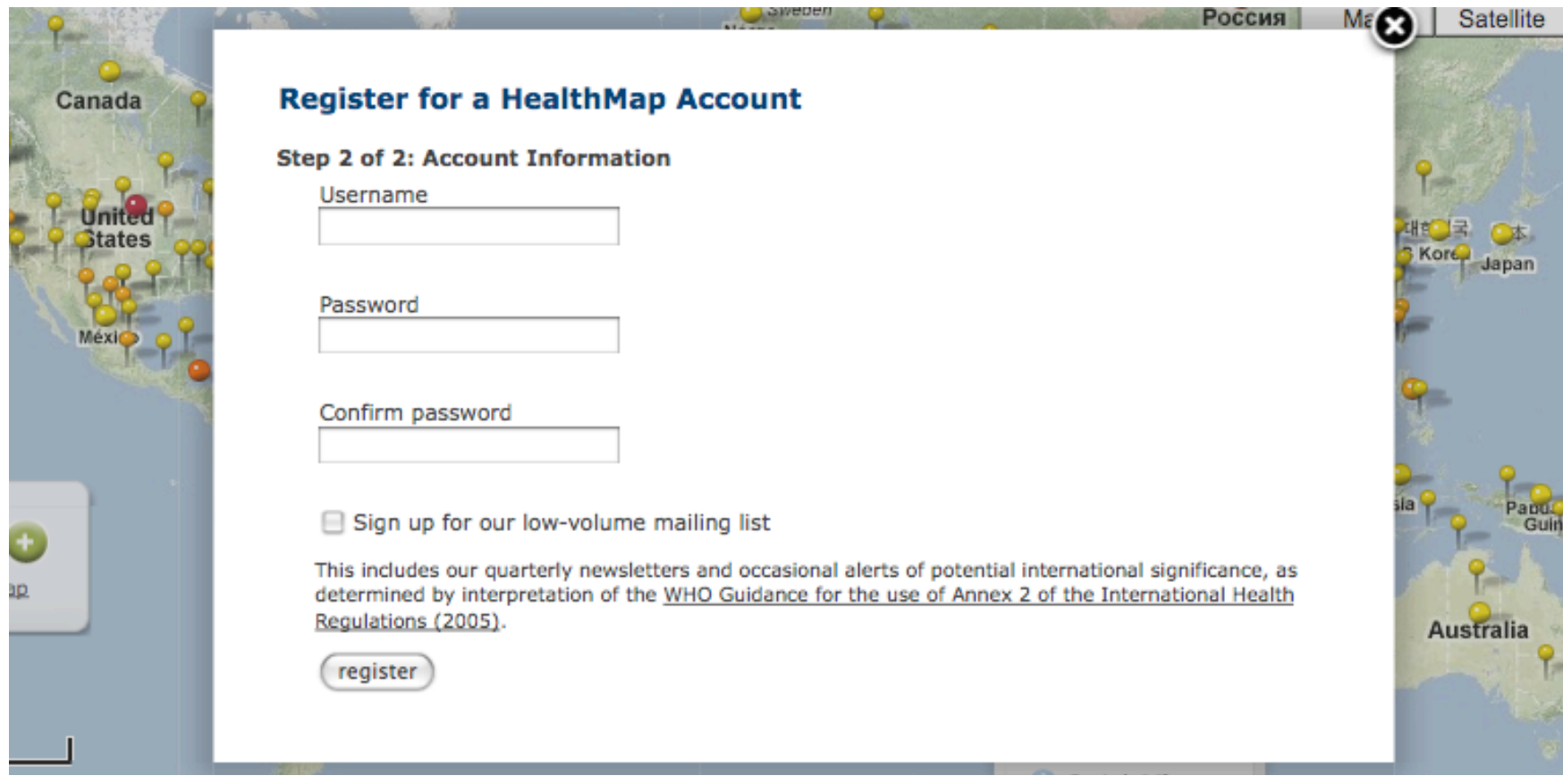
Step 1 of 2: Your Information

* Name

* Email address

Affiliation

next »

Registering for HealthMap Account

- Final step is to check your email to confirm request

Register for a HealthMap Account

Step 2 of 2: Account Information

Username

Password

Confirm password

☐ Sign up for our low-volume mailing list

This includes our quarterly newsletters and occasional alerts of potential international significance, as determined by interpretation of the WHO Guidance for the use of Annex 2 of the International Health Regulations (2005).

(register)

Thank you for signing up for a HealthMap user account. In order to use this account, you must click the following link to confirm your registration request.

http://healthmap.org/admin/emailpref.php?f=5&tkt=e05e9

Logging In

- Login to HealthMap from the main page in the upper right-hand corner
- Click on 'forgot password' if needed
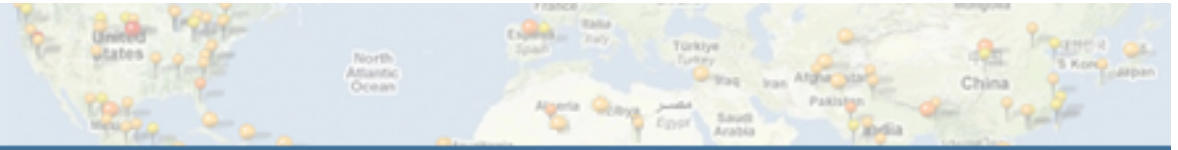
- Default map view shows previous 3 days
  - If logged in a custom default view can be set or you can visit 'Advanced Search' to change the time window
- Pins are for precisely placed alerts; Dots represent country, state, or province-wide alerts
- The color of the marker is based on an algorithm reflecting:
  - Time-frame of alerts
  - Number of alerts for location
  - Number of sources providing info
- QuickViews
  - Preset tabs to quickly view specific data
    - Current tabs for Previous 3 days, Oil Spill related, User submitted, Recently rated, Worldwide, and Haiti
    - Logged in users are able to manage order of tabs, tabs available, set a 'home' view, and share tabs with other users
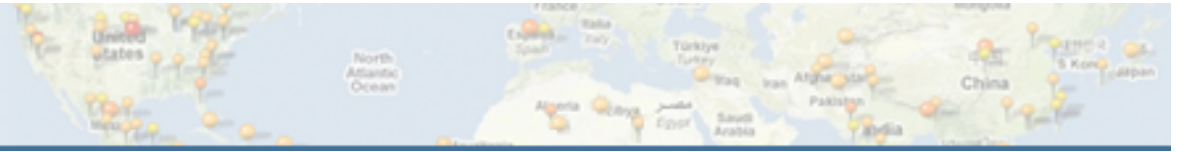
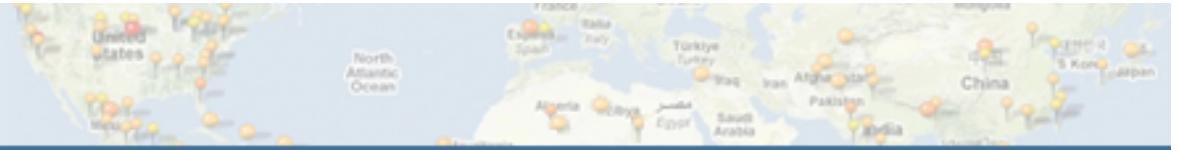# Multi-Stream Alarming: Heat Index

- Meta-alert composite score, based on
  - Number of sources providing information at a particular location
  - Recentness of alert
  - Reliability of source

- Marker algorithm
  - Exponentially weighted alerts
  - Increase heat (redness) for more recent event and higher impact

low   high

- We are working on updating this algorithm to reflect additional variables such as:
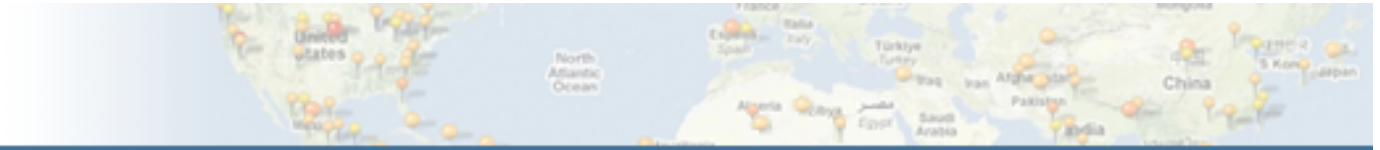 - Morbidity, mortality, virulence for specific diseases
  - Population

- Auto-fill search box shows diseases and locations matching text and will zoom to chosen location or show all alerts matching chosen disease
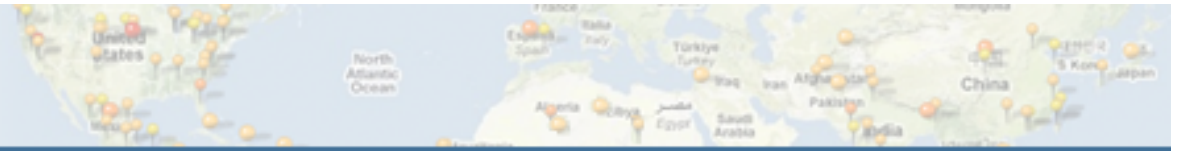
Advanced Search Feature

- Advanced search opens a box showing currently selected settings
  - Allows for a customized view of specified diseases, locations, alert feeds, and time-frame
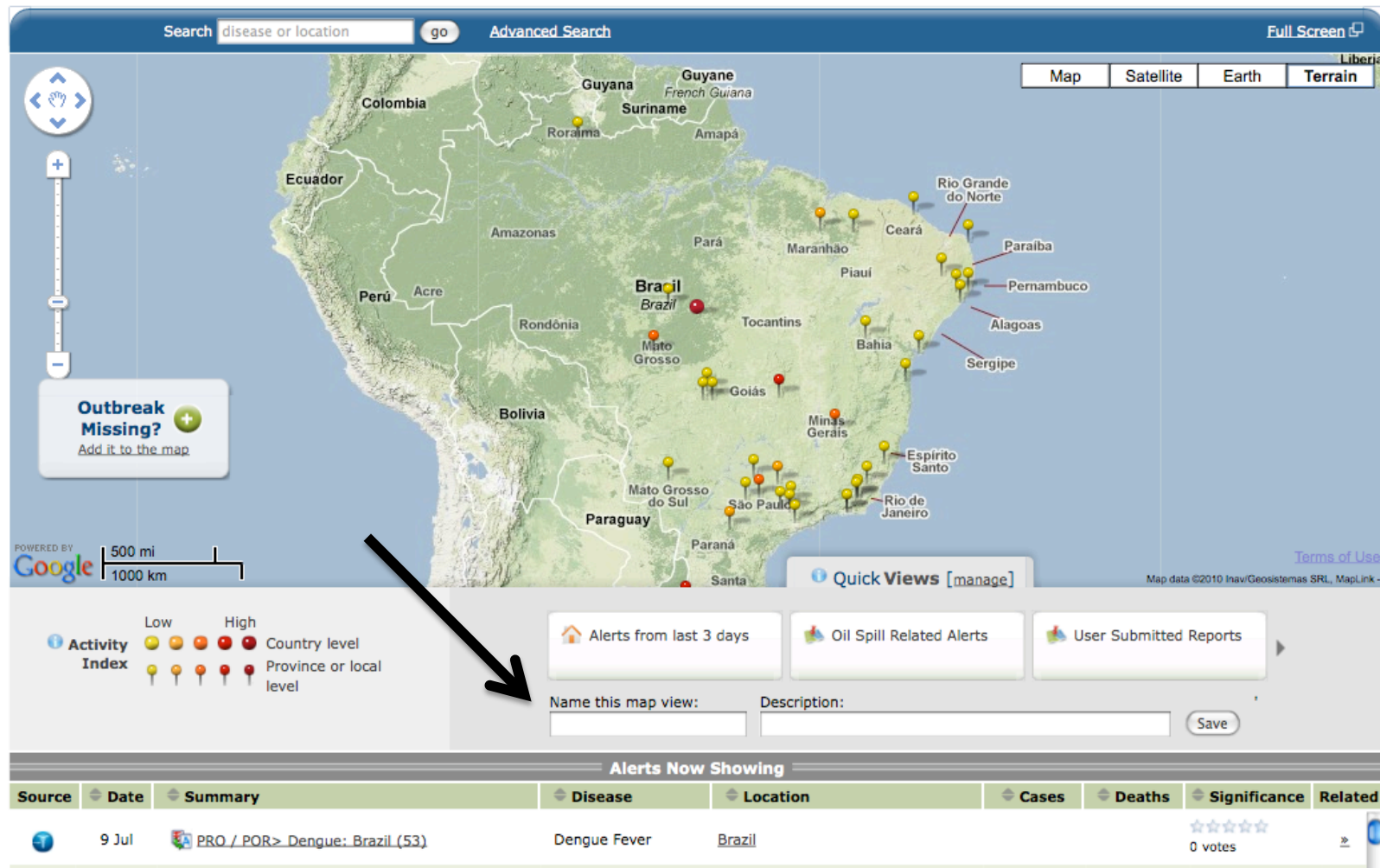
Advanced Search Feature

- Selecting 'Dengue' as the disease and 'Brazil' as the location zooms user to Brazil and shows only Dengue alerts
  – Gives option below to save as a QuickView if logged in (see arrow)
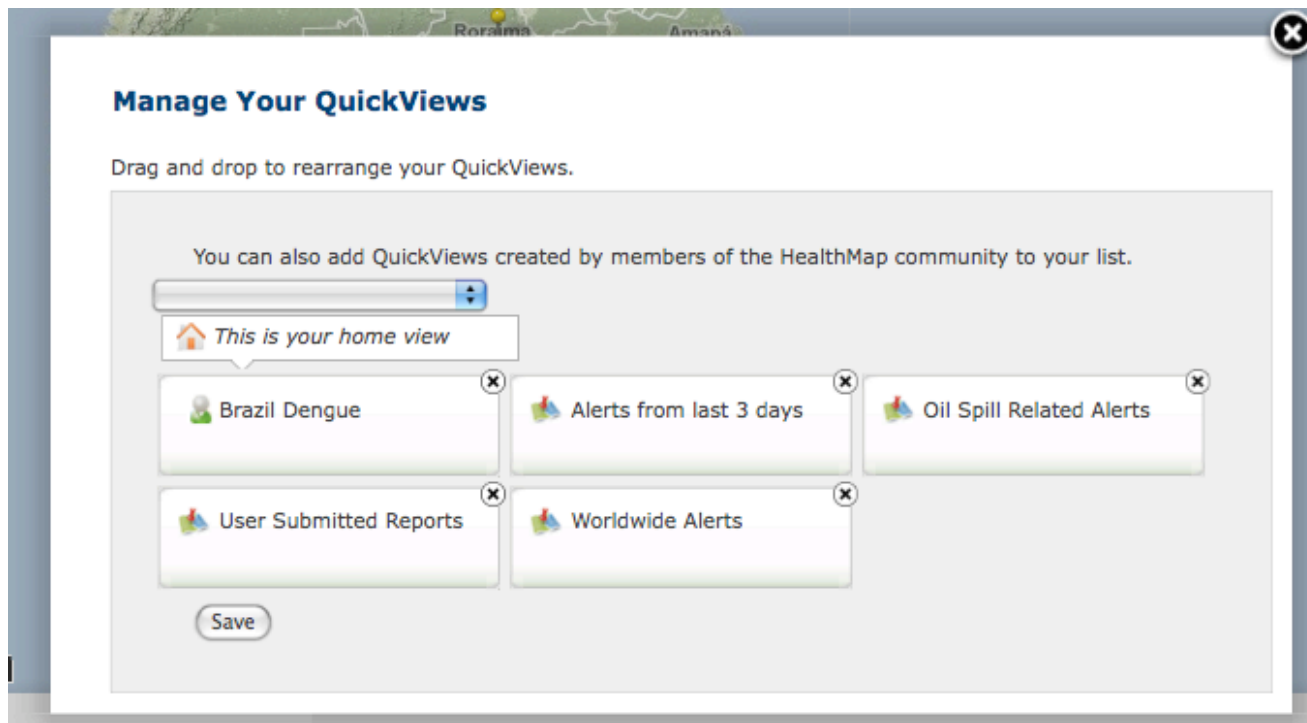
- To save an advanced search as a QuickView, name the map and give a brief description
  - Saved alert becomes new "Home" and will open automatically upon login
- Click manage to change QuickView preferences
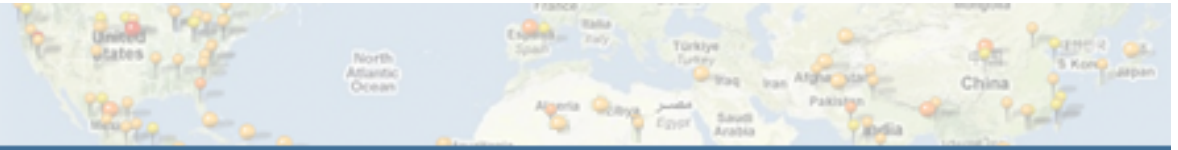
Clicking on an Alert

- Clicking on a pin or dot opens alerts for that location

- Within the bubble:

  - Symbol shows source of alert

  - Logged in users may rate and comment on alerts

  - Clicking double arrow opens related alerts

Icon shows that this alert came from ProMED-mail

Click to view related alerts

Comment or rate alert

Related Alerts

The 'Related Alerts' window will provide additional alerts from the same country and for the same disease
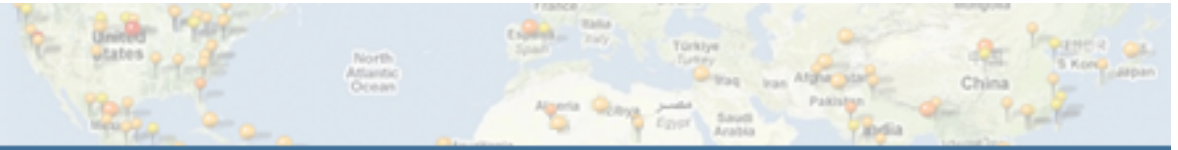
Related Alerts

Rift Valley Fever — Botswana

8 Jul PRO/AH/EDR> Rift Valley fever, animal - Botswana (02): (GB)

Related Alerts: Botswana

5 Jul FMD outbreak in Zim, likely to spread into Botswana - The Bostwana Gazette » (Foot and Mouth)

30 Jun PRO/AH> Rift Valley fever, animal - Botswana: (GB) OIE » (Rift Valley Fever)

11 Feb Ministry contains measles outbreak - El-Halabi - Mmegi Online » (Measles)

8 Feb Chobe records dog disease outbreak - Botswana Press Agency » (Other Animal Disease)

17 Jan PRO/EAFR> Measles - Botswana: update » (Measles)

Related Alerts: Rift Valley Fever

28 Jun Botswana : Rift Valley fever » ()

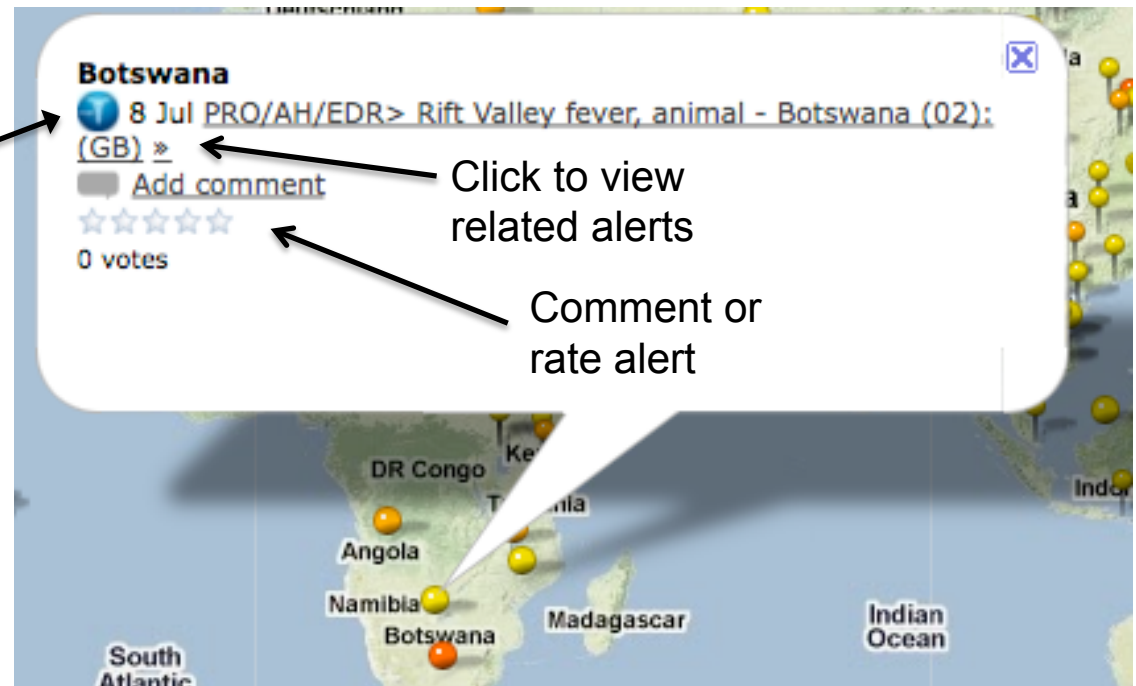24 Jun PRO/FRA> Fièvre de la Vallée du Rift, animale - Namibie: (Hardap, Karas) » (Namibia)

24 Jun PRO/AH/EDR> Rift Valley fever - South Africa (20): (EC) » (South Africa)

23 Jun PRO/EAFR> Rift Valley fever, animal - Namibia (03) » (Namibia)

18 Jun PRO/AH> Rift Valley fever, animal - Namibia (02) » (Namibia)

Disease Info: Rift Valley Fever

Wikipedia

WHO

CDC

PubMed

Google Trends

- Clicking Full Screen Mode:
  - Opens map fully and rotates between alerts and zoom levels
  - 'Stop marker rotation' in upper left-hand corner will pause movement
  - Use 'Esc' key to exit
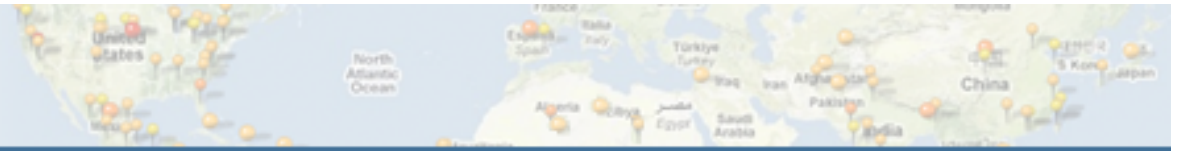
List View of Alerts on the Map

- Alerts showing on map are also available in list format at the bottom of the screen to include:

  – Alert source

  – Date and title of alert

  – Disease and location

  – Cases and deaths (as listed in alert)

  – Significance rating (if available)

- Alerts can be sorted by these variables

Sorted by # of cases
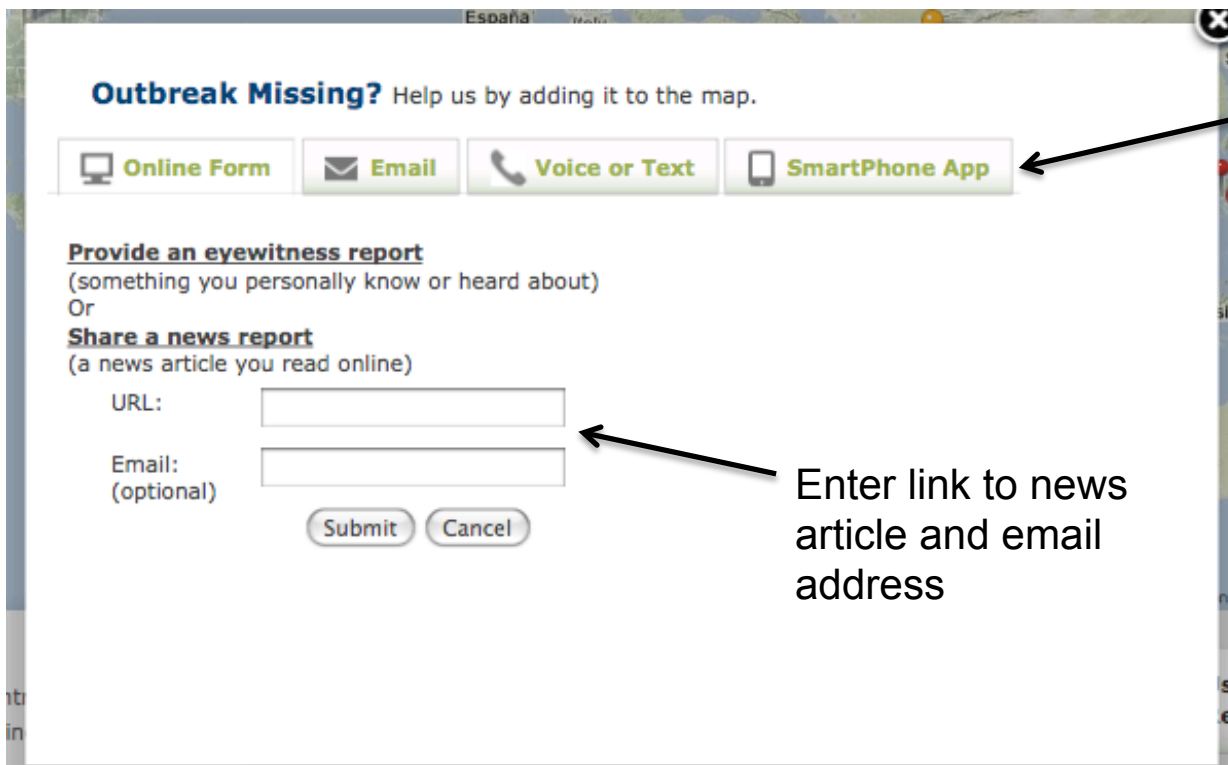
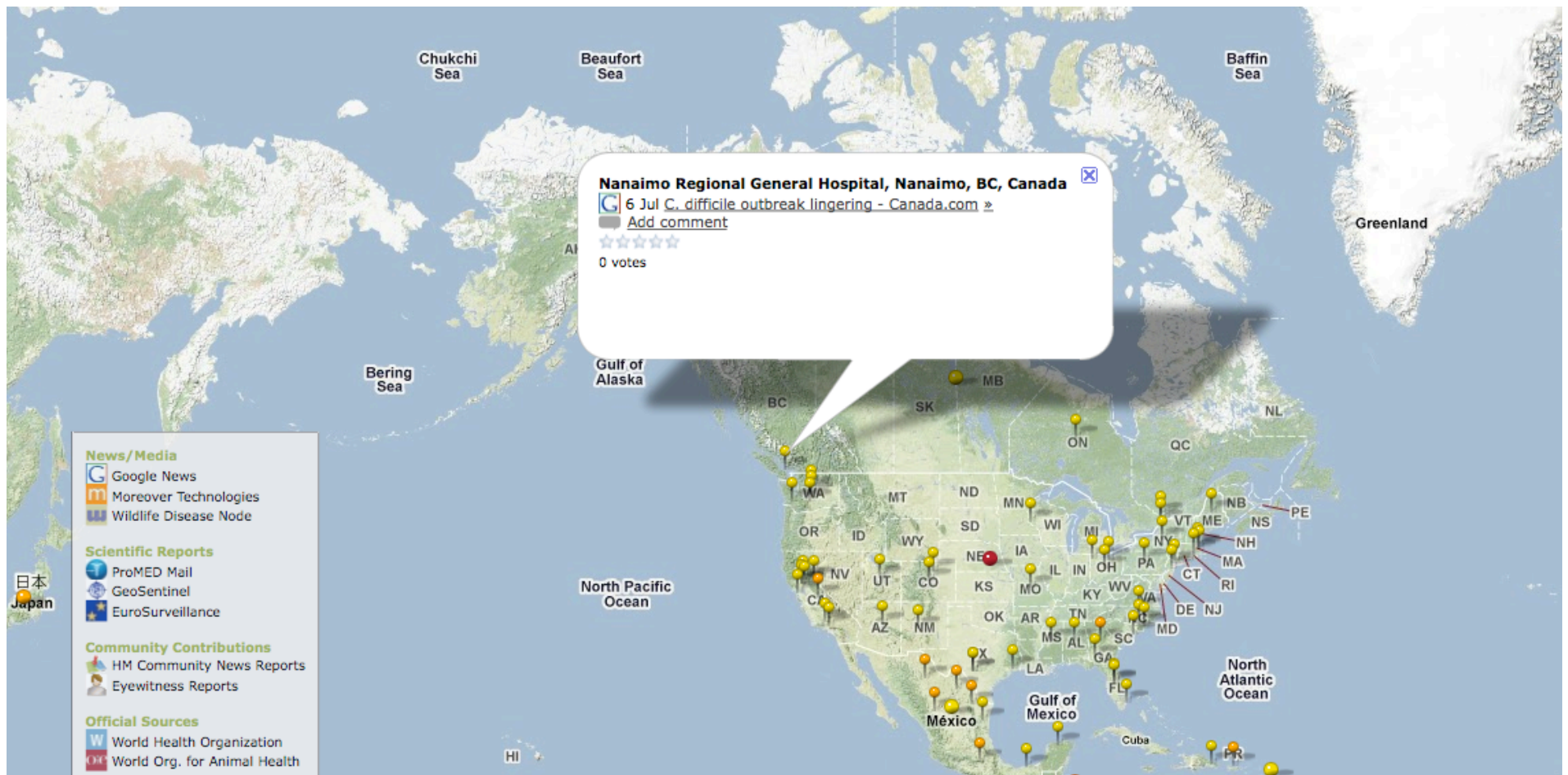|	Alerts Now Showing						
Source	Date	Summary	Disease	Location	Cases	Deaths	Significance	Related
	7 Jul	Dengue fever has climbed by 81 percent in Venezuela - Daily News - ...	Dengue Fever	Venezuela	48581		★★★★★ 1 vote	»
	12 Jul	Angola Press - Health - Malaria claims 200 lives in Kwanza Sul ...	Malaria	Província do Cuanza Sul, Cuanza Sul, Angola	30960	268	☆☆☆☆☆ 0 votes	»
	12 Jul	DoH reports increase of dengue cases	Manila Bulletin	Dengue Fever	Philippines	25283	190	☆☆☆☆☆ 0 votes	»

Outbreak Missing Feature

Outbreak Missing? + Add it to the map
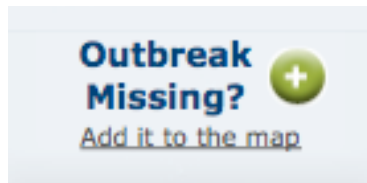
- Clicking on 'outbreak missing' allows users to add an alert (a personal eyewitness report or news link)

- Just select tab for preferred method of reporting

Outbreak Missing? Help us by adding it to the map.

| 🖥 Online Form | ✉ Email | 📞 Voice or Text | 📱 SmartPhone App |

Provide an eyewitness report
(something you personally know or heard about)
Or
Share a news report
(a news article you read online)

URL: _____

Email: _____
(optional)

Submit   Cancel

Select tab for method you would like to submit report (Here 'online form' was selected and 'share a news report' was clicked)

Enter link to news article and email address

Outbreak Missing Feature

- Upon entering a news link you will be sent an email with link to allow you to make changes to submitted alert

Comments [+ Add a comment]
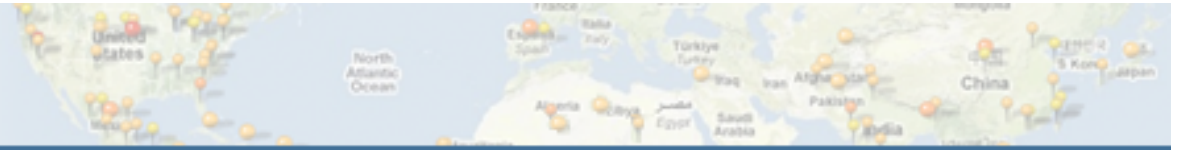
+ Edit Text

Issue Date:

2010-07-12 15:34:00

Title:

Bobcat that killed two pigs in Indiantown tests positive for rabies ← Title of alert

URL:

http://www.tcpalm.com/news/2010/jul/12/bobcat-that-killed-two-pigs-in-i ← Link submitted

Summary:

INDIANTOWN — A bobcat that killed two pigs last week has tested positive for rabies, according to the Martin County Health Department.
The bobcat attacked several pigs July 7 at a ranch on Southwest Foxbrown Road. The pigs that survived the attack will be placed under quarantine for six months.

Save Changes

Disease auto-detected by HealthMap system

Disease

Rabies (109)   »   Acinetobacter baumannii
              « »   Adenovirus
              «   African Horse Sickness
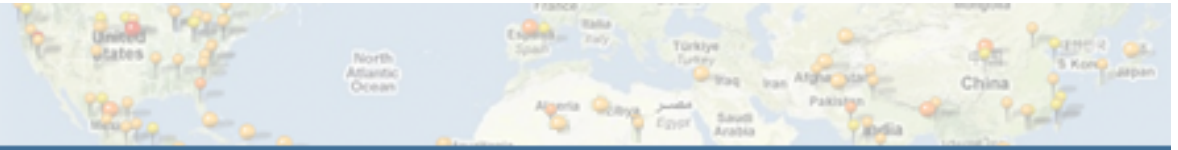
Place

Add place: INDIANTOWN

Place auto-detected by HealthMap system

Select [all] | [none]
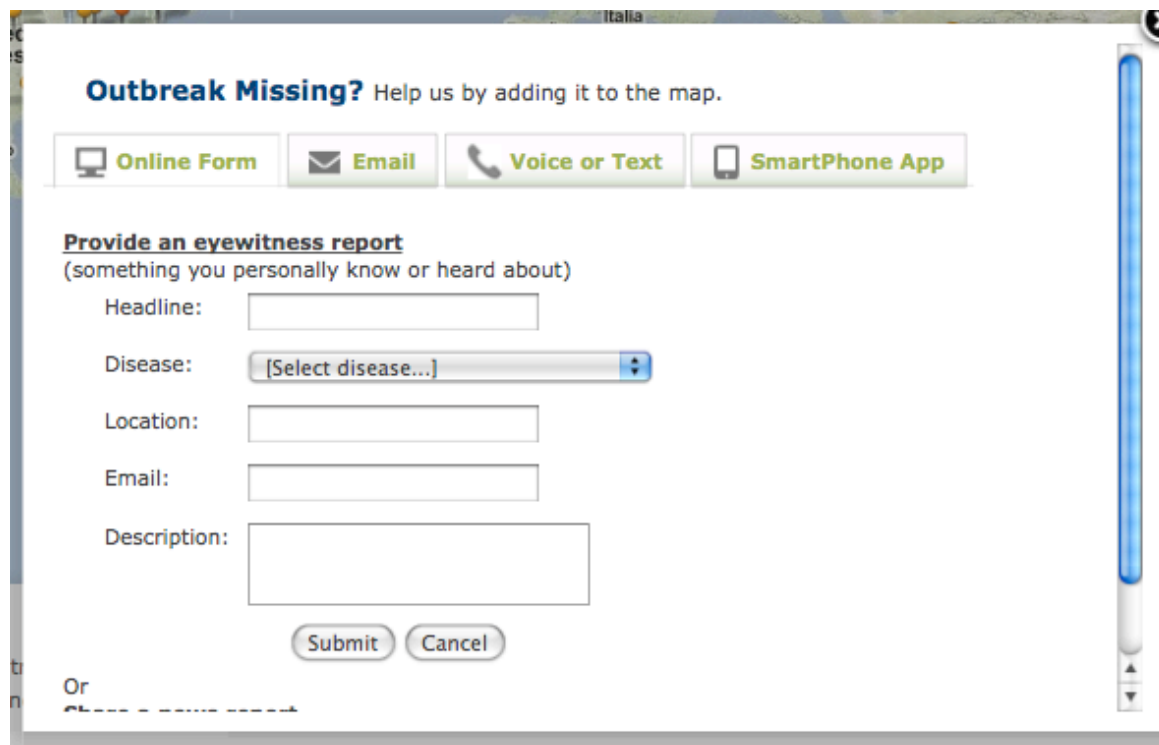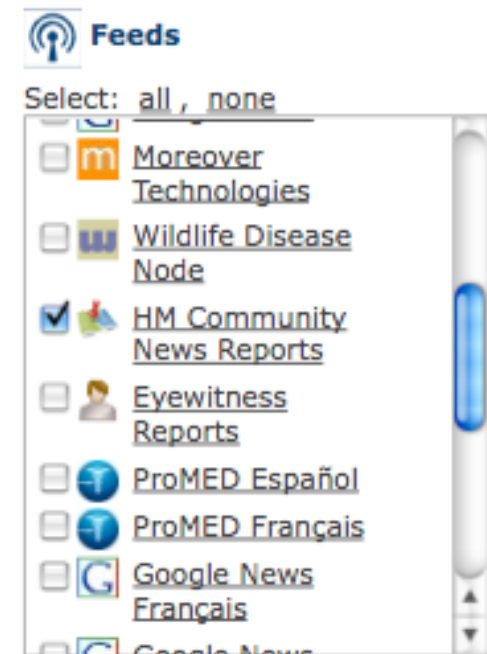
☐ Florida [2]   On map? ☑   [cases & category]

Outbreak Missing Feature

- All submitted reports are reviewed prior to showing on the map

- Alerts submitted by HealthMap users are listed under 'HM Community News Reports'

Feeds

Select: all , none

- ☐ Moreover Technologies
- ☐ Wildlife Disease Node
- ☑ HM Community News Reports
- ☐ Eyewitness Reports
- ☐ ProMED Español
- ☐ ProMED Français
- ☐ Google News Français
- ☐ Google News

Outbreak Missing? Help us by adding it to the map.

| 🖥 Online Form | ✉ Email | 📞 Voice or Text | 📱 SmartPhone App |

Provide an eyewitness report
(something you personally know or heard about)

Headline: _____

Disease: [Select disease...]

Location: _____
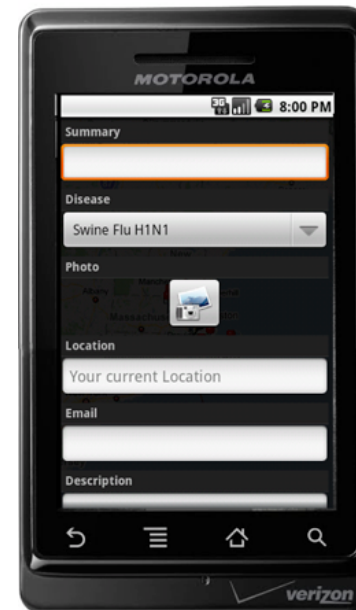
Email: _____

Description: _____

(Submit) (Cancel)
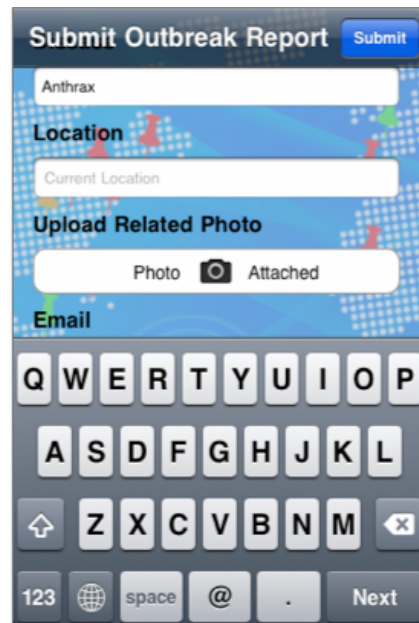
Or
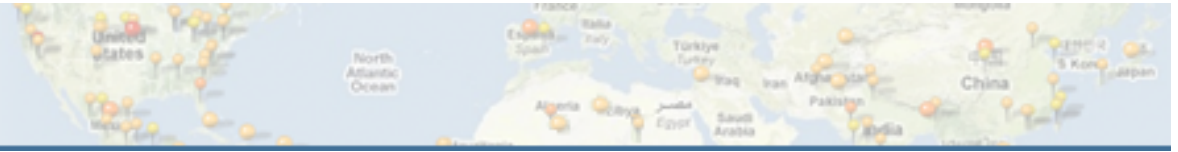
Outbreak Missing Feature

- Alerts can also be submitted via:
  - Email to hotline@healthmap.org
  - Voice or text msg to +1 919-MAP-1-BUG (919-627-1284)
  - The 'Outbreaks Near Me' free mobile application for iPhone and Android Smartphones; more info available at http://healthmap.org/outbreaksnearme/

HealthMap in Other Languages

- HealthMap is available in 7 languages to include English, Spanish, French, Portuguese, Russian, Chinese and Arabic

- Default language auto-detected, however you can select preferred language via dropdown menu in lower-left corner of main page

- Alerts are automatically translated into language of HealthMap version you are viewing

- Symbol shows article has been translated by Google translate utility:

العربية ▼   مدوّنة إلكترونية   شركاء   الهاتف المحمول   عن الموقع   fb   t

Research Projects, Collaborations, and Publications

- View ongoing research projects, collaborations, press, and publications by clicking on the 'About' link in the lower left-hand corner of the HealthMap main page

Click to view additional info

Check out the HealthMap blog, become a fan on Facebook, or follow us on Twitter

HealthMap awards & recent press

Newsletters, Publications & Presentations

Funding & Collaborations