

Creek Watch: Using iPhones to Help Our Watersheds



Creek Watch is an application that enables people to help monitor the health of their local watershed. Whenever passing by a waterway they can spend a few seconds using the Creek Watch application to snap a picture and report how much water and trash is seen. Creek Watch aggregates the data and shares it to help watershed groups and agencies track pollution and manage water resources. A map on the Creek Watch Website <<http://creekwatch.org>> displays data that's already been contributed. Data is also accessible in table form. The application is now available as a free download in the iTunes App Store: <http://itunes.apple.com/us/app/creek-watch/id398420434?mt=8>

SWAMP's Clean Water Team, a well recognized leader within the volunteer monitoring community, was invited to help the IBM-Almaden Research Lab in their creation of a smart phone application which would benefit water quality and citizen monitoring. The app was designed to be extremely user friendly while still providing useful information for watershed stewardship. The app was even beta tested by local citizen monitoring programs including one lead by the City of San Jose's Watershed Protection program. Hopefully the CreekWatch App will provide an easy entry tool that helps people get involved with, and learn about, their watersheds. Expanding water quality education and supporting citizen monitoring through new technology is an excellent way to promote watershed stewardship.

See a demo on YouTube:

<http://www.youtube.com/user/IBMLabs#p/a/u/1/--6KAptDL4>

San Jose Uses iPhone App to Monitor Creeks – KQED

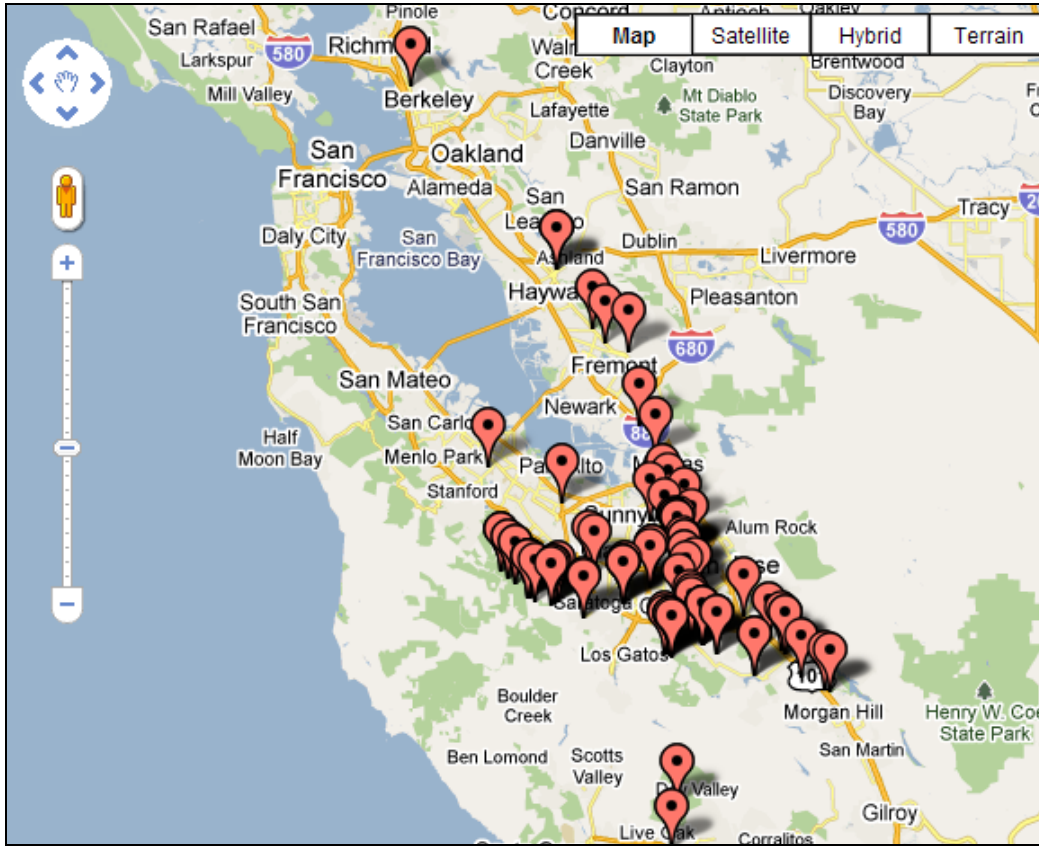
Listen: <http://www.kqed.org/a/californiamoney/R201011020733>

Newsclip: <http://www.kqed.org/.stream/anon/radio/californiamoney/2010/11/2010-11-02am-calmoney.mp3>

Vist CreekWatch on Facebook

http://www.facebook.com/peopleforasmarterplanet?v=app_6009294086

Creek Watch Explore your watershed



ON-LINE MAP

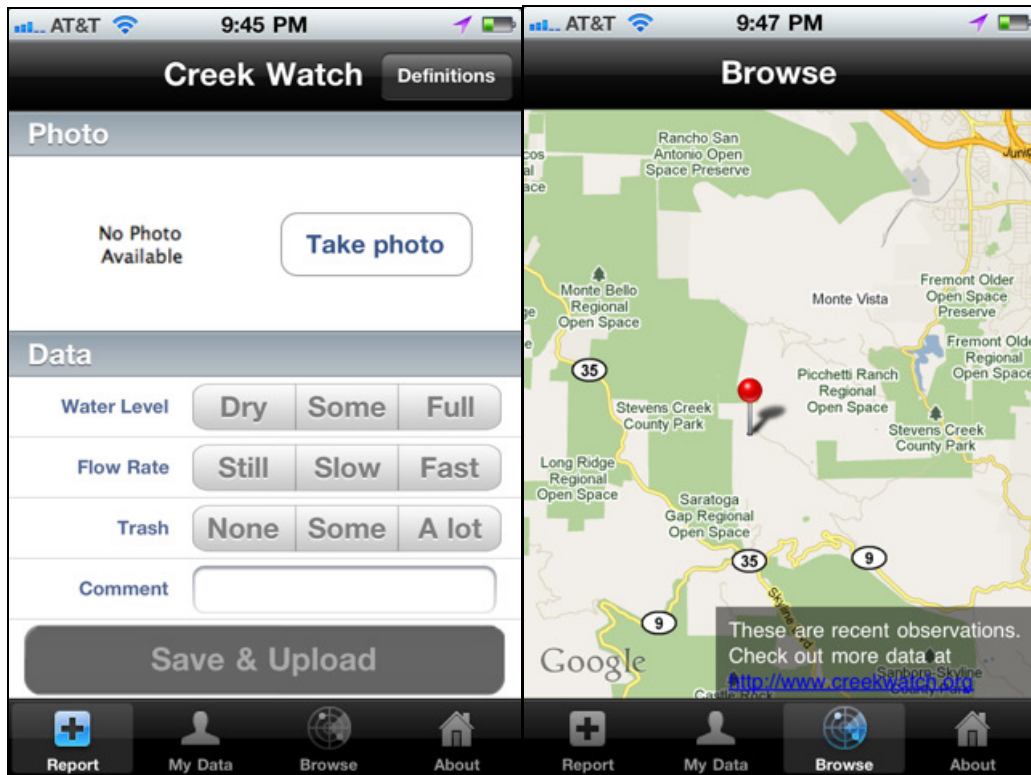
Creek Watch Data Viewer

Select Period

Date	Water Level	Flow Rate	Trash	State	Country	Latitude	Longitude	Location	Image
11-04-2010 16:55	Dry	No Water	Some			49.227936	-122.921269	view	view
11-04-2010 10:55	Dry	No Water	None			37.480475	126.795524	view	view
11-04-2010 10:01	Some	Slow	A lot			53.435218	-2.685966	view	view
11-04-2010 06:44	Some	Slow	Some			47.976713	7.790473	view	view
11-04-2010 06:38	Some	Slow	None			47.977201	7.797709	view	view
11-04-2010 02:44	Some	Fast	None			50.846753	4.586669	view	view
11-03-2010 23:43	Some	Slow	None			29.826736	121.548937	view	view
11-03-2010 23:21	Some	Slow	Some			30.657673	104.084245	view	view
11-03-2010 19:03	Some	Still	Some			37.439558	-122.179877	view	view

ON-LINE SPREADSHEET

PHONE SCREENSHOTS



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