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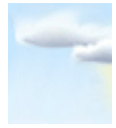
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## Hudson River flow to ocean traced by dye

NEW BRUNSWICK, NJ, Apr. 27 (UPI) -- Researchers at Rutgers University in New Jersey said Tuesday it would use red dye to trace the Hudson River's path into the Atlantic Ocean.

Marine scientists said preliminary studies indicate the Hudson River plume tends to sweep southward along the New Jersey coast.

The researchers will follow the dye beginning Sunday or Monday for about five days or about 100 miles. The red dye will initially be visible on the ocean as a red patch, perhaps a mile or more long, according to Robert J. Chant, of Rutgers' Institute of Marine and Coastal Sciences.

"It will then disperse and gradually become invisible to the human eye, but remain detectable by our sensors," he said. "Essentially we're tagging a piece of the ocean and following it."

Rutgers scientists will add the data to computer models for predicting plume behavior and content under a wide range of conditions -- useful in predicting potentially dangerous algae blooms and for making decisions about sewage disposal.

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