

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS FAN number	11CCH02
Other ID (if any)	XSTORMS.h20110609
Organization(s)/Program	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/theme	Extreme Storm Coastal Change Hazards
Area of Operation	Chandeleur Islands, Louisiana, and the berm constructed adjacent to the islands, continuing on to Breton Island, Louisiana, to the south. Also including Dauphin Island, Alabama, Petit Bois, Ship, Horn and Cat islands, Mississippi.
Principal investigator(s)	K.L.M. Morgan, and A. Sallenger
Information specialist(s)	K. Guy
Activity type	Oblique Aerial Photographic Survey
Scientific purpose/goals	Aerial survey to document and collect baseline data for assessing incremental changes in the beach and nearshore area, which can be used to understand the changes in vulnerability of the Nation's coasts to extreme storms.
Platform	BE90 King Air aircraft, N155LS
Starting date	June 9, 2011
Starting port/location	St. Petersburg, Florida
Ending date	June 9, 2011
Ending port/location	St. Petersburg, Florida
Equipment used	Nikon D1X camera, with zoom lens set to 50mm, Panasonic Toughbook computers (CF-51), Two Optima Bluetop Batteries (D34M), and Garmin GPS 18 PC.
Information to be derived	Analysis of coastal change due to extreme storms
Summary of activity and data gathered	1093 oblique digital images.
Notes (include staff, shop time etc)	<p>June 9, 2011</p> <p>Departed St Petersburg, Florida, at approximately 12:00 GMT (8:00 EDT) and flew to Stennis International Airport, in Kiln , Mississippi.</p> <p>We met Christina Melton and Rex Fortenberry from PBS Station in Baton Rouge, Louisiana, at Stennis International Airport. Once we were set up and Melton and Fortenberry briefed, we departed Stennis and headed for the Chandeleur Islands, Louisiana. We made one pass of the islands, continuing down to Breton Island, then returned to the north end of the Chandeleur Islands and made a second pass, ending at the southern extent of the Chandeleur Islands. We then flew to the eastern end of Dauphin Island, Alabama, and surveyed westward, including a set of profiles at the Katrina Breach on Dauphin Island. We ended the survey at Cat Island, Mississippi, and returned to Stennis.</p> <p>Melton and Fortenberry deplaned at Stennis, and after refueling we headed back to St Petersburg. We arrived in St Petersburg at approximately 8:30 GMT (4:30 EDT).</p> <p>We took 1093 photographs with the Nikon D1X camera</p>