

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID i.e. YYPRJ## *	11CCH01
Other ID (if any)	XSTORMS.h20110122
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, to Breton Island, Louisiana.
Principal Investigator(s)	K.L.M. Morgan
Information Specialist(s)	Karen A. Westphal, photography contractor.
Activity Type	Oblique Aerial Photography Survey
Scientific Purpose/Goals	Baseline survey to document the storm impact on the coast.
Platform	Cessna 210, Tail number: N2272X
Starting Date	January 22, 2011
Starting Port/Location	Belle Chasse, Louisiana.
Ending Date	January 22, 2011
Ending Port/Location	Belle Chasse, Louisiana.
Equipment Used	Canon EOS Rebel T2i with an EFS 18-135mm, Garmin GPSMAP 60CSx
Information to be Derived (e.g., Grain Size, Depth to Basement)	Analysis of coastal change due to extreme storms
Summary of Activity and Data Gathered	249 oblique digital images.
Notes (include staff, shop time etc)	The survey starts at 09:36 CST (15:36 GMT) at Breton Island in the south, loops around the north end of Breton Island, follows the island chain past Grand Gosier and Curlew islands, then it loops around at the south end of the Chandeleur Islands to get on line for the profile shot. We flew the lower part with one loop around the big breach, then traversed the length of the island up to the location of the former lighthouse where they are dredging sand for the construction of the berm. The flight returned to Belle Chasse.