

Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID i.e. YYPRJ## *	08ACH05
Other ID (if any)	XSTORMS.h20080909
Organization(s)/Program	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Extreme Storm Coastal Change Hazards
Area of Operation	Calcasieu Lake, Louisiana, to Brownsville, Texas.
Principal Investigator(s)	D. Krohn and K.L.M. Morgan
Information Specialist(s)	Karen A. Westphal and Dina Maygarden (Work done under contract to the USGS)
Activity Type	Oblique Aerial Photo Survey
Scientific Purpose/Goals	Pre-Hurricane Ike survey to document the baseline configuration of the coast.
Platform	Cessna C-210, tail number N954RW
Starting Date	September 9, 2008
Starting Port/Location	Belle Chase, Louisiana
Ending Date	September 10, 2008
Ending Port/Location	Belle Chase, Louisiana
Equipment Used	Canon PowerShot A720 IS, 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	1,492 oblique images
Notes (include staff, shop time etc)	Flight departed Southern Seaplanes in Belle Chase, Louisiana, on September 9, 2008, and transited to the Pass at Calcasieu Lake, Louisiana. The survey continued along the Louisiana and Texas coastlines, to the US/Mexico border, with a refueling stop at the Aransas County Airport, Rockport, Texas. At the end of September 9, the flight then returned to Rockport to overnight. On September 10, 2008, the flight transited north along the coast, then surveyed the eastern end of Galveston Island, which was missed the day before, then returned to Belle Chase. A Canon PowerShot A720 IS set at 8 megapixels (3264 x 2448 pixels) and "Superfine" resolution was used during the flight. During the 2-day survey 1,492 images were collected.