

Overview Field Activity Collection System (FACS) Log

Topic	Information
USGS Field Activity Number	08ACH01
Organization(s)/Program	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	National Assessment of Coastal Change Hazards
Area of Operation	North Carolina coast
Principal Investigator(s)	Dennis Krohn, Karen Morgan
Information Specialist(s)	Phil Thompson
Activity Type	Aerial photographic survey
Scientific Purpose/Goals	Map pre-storm beach configuration
Platform	Coast Guard HH-60 Helicopter 6003
Starting Date	05/06/2009
Starting Port/Location	Elizabeth City, North Carolina
Ending Date	05/06/2009
Ending Port/Location	Elizabeth City, North Carolina
Equipment Used	Garmin GPS 18PC WAAS-enabled, Nikon D1-X Digital Camera, Sony DCR-VX1000 "Handycam", Panasonic AG-5700, Compix LP701, Panasonic Tough book CF-51, Fugawi Marine ENC, Optima Model SPR 12-Volt "Blue top" Batteries
Information to be derived (for example, Grain Size, Depth to Basement)	3786 oblique aerial photographs
Summary of Activity and Data Gathered	Digital still photos (NEF/JPG), GPS trackline. Documented baseline configuration of the North Carolina coast.
Notes (include staff, shop time etc)	Departed the air station at about 9:20 am EDT (1320GMT) and transited north to False Cape State Park, VA, just north of the NC/VA border. Flew south along the entire NC coast, landing at Myrtle Beach, South Carolina at ~1:20 pm EDT (1720GMT). After refueling we returned directly to the air station in Elizabeth City. The baseline survey took ~ 4 hours and collected 3786 images. Weather was sunny for the whole flight.