Overview Field Activity Collections System (FACS) Log

Topic	Information
USGS Activity ID	2014_330_FA
Other ID (if any)	XSTORMS.h20141005
Organization(s)/Program	U.S. Geological Survey, St. Petersburg Coastal and Marine Science Center
Project/Theme	Extreme Storm Coastal Change Hazards
Area of Operation	Virginia, Maryland, Delaware, New Jersey, and New York.
Principal Investigator(s)	K.L.M. Morgan
Information Specialist(s)	None
Activity Type	Oblique Aerial Photo and Video Survey
Scientific Purpose/Goals	Baseline coastal oblique photographs, to document the state of the coast.
Platform	Cessna 182, N8479S
Starting Date	October 5, 2014
Starting Port/Location	Newport News, Va..
Ending Date	October 6, 2014
Ending Port/Location	Newport News, Va..
Equipment Used	Nikon D7100, Garmin GPSMAP 696
Information to be Derived (e.g., Grain Size, Depth to Basement)	Baseline coastal oblique photographs
Summary of Activity and Data Gathered	5,870 oblique photographs. GPS trackline
Notes (include staff, shop time etc)	**October 5, 2014** Base: Newport News, Va. Departed Newport News, Va. to photograph from N.C/Va. line to the Ocean City, Md., inlet. Remain overnight at Ocean City, Md. Excellent aerial photography weather at start point through Ocean City, Md. Ceiling and visibility were unlimited. Mild turbulence with high winds [30 kts.] from South tended to push us onshore. Crab angle can be noticed in some images. The top weather photo of Atlantic City is representative of weather during 80% of our trip. Collected 1790 images with the D7100. **October 6, 2014** From Ocean City, Md., Inlet to Montauk Point, N.Y. Returned to Newport News, Va. Excellent aerial photography weather from Ocean City, Md. to Montauk, N.Y. Ceiling and visibility unlimited until reaching Long Island, N.Y, where we encountered 20% cumulous-form coverage at 8,000 ft – not a factor. The lower weather photo depicts this condition. High winds [30 kts.] from south tended to push us inshore. Collected 4080 images with the D7100.