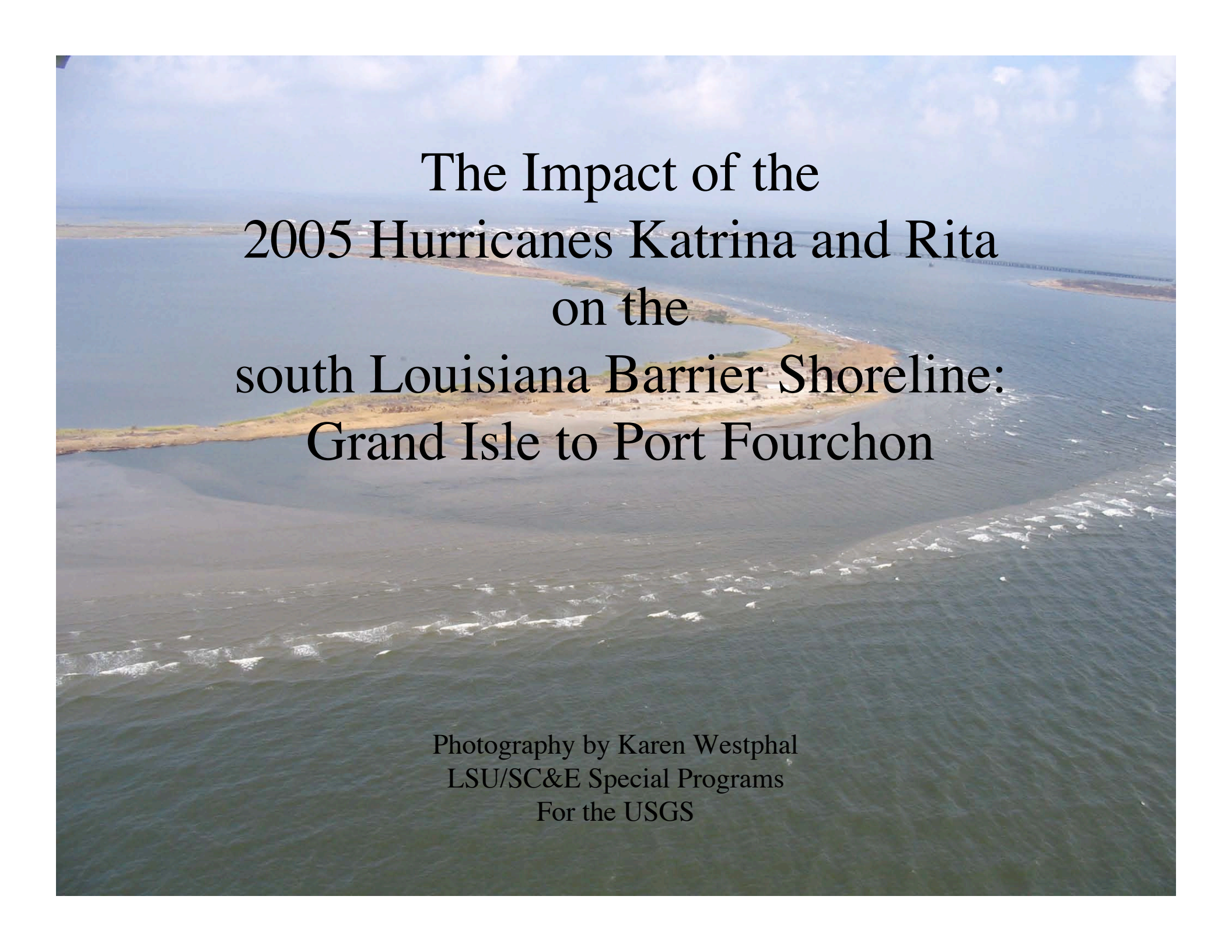
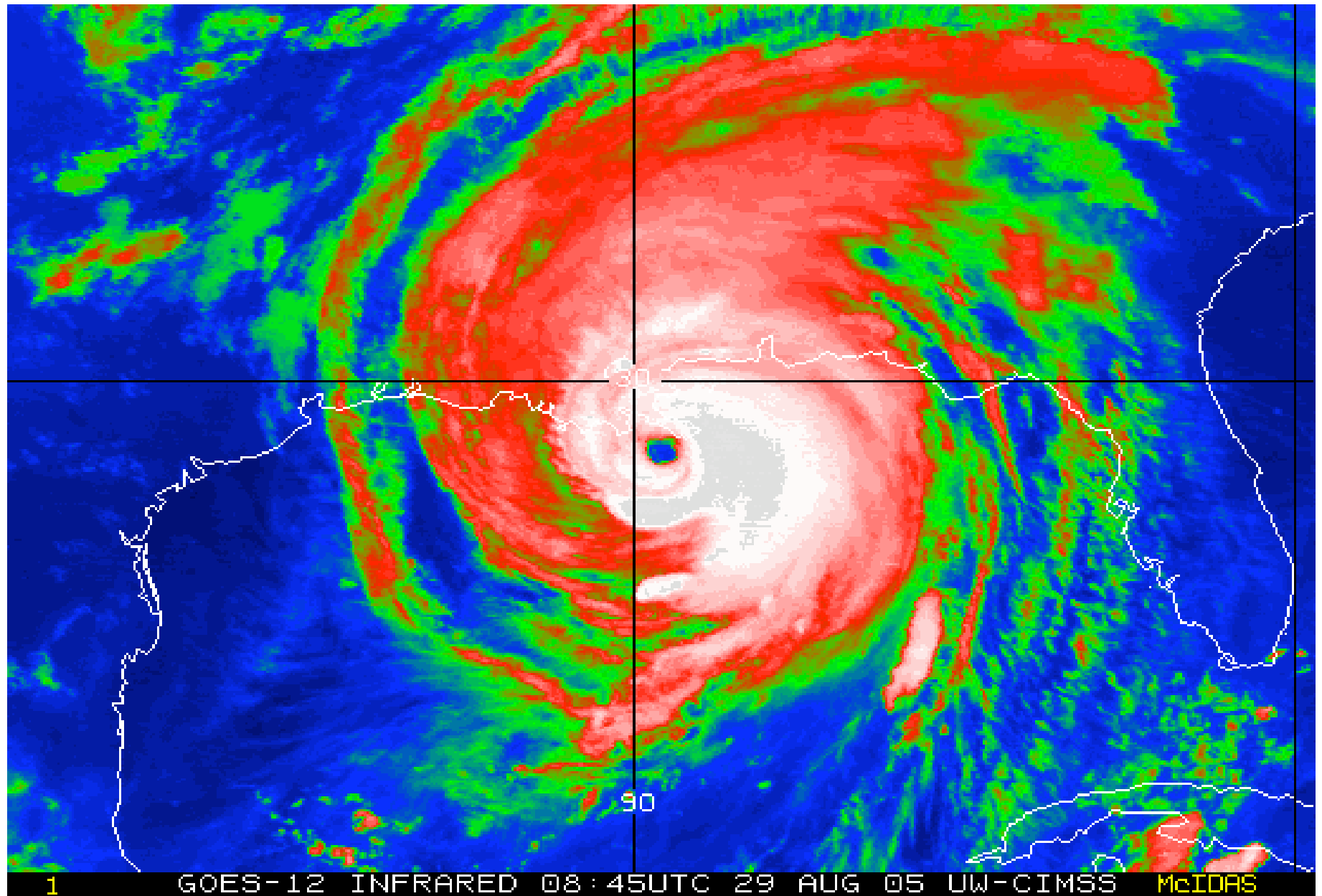


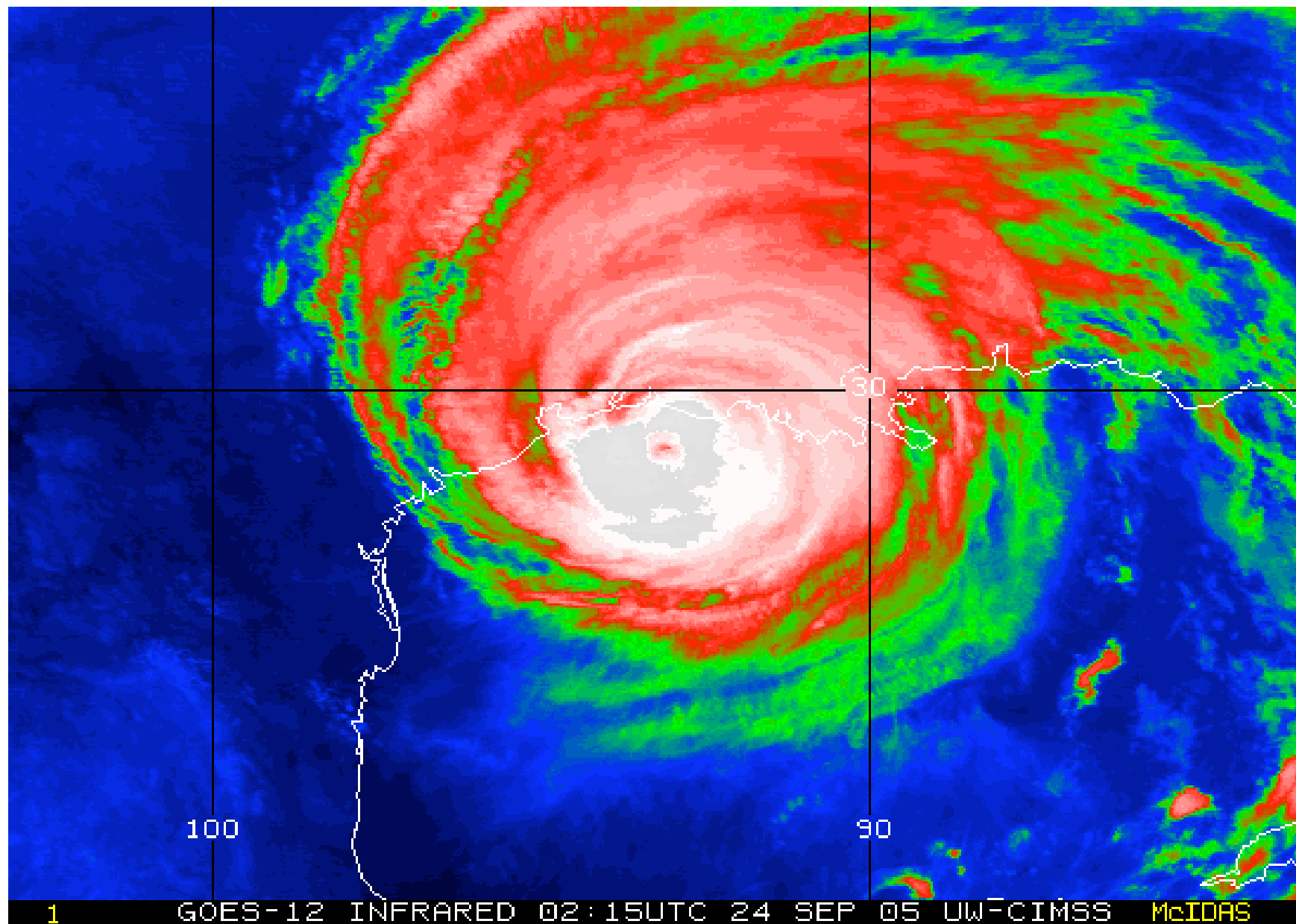
An aerial photograph of a coastal area, likely in south Louisiana. A narrow, elongated strip of land, possibly a barrier island or a levee, runs horizontally across the middle of the frame. The land is light brown and sandy, with some sparse vegetation. On either side of this strip is dark blue water. In the foreground, the water is choppy with small whitecaps. In the background, the horizon is visible under a pale blue sky with some light clouds.

The Impact of the 2005 Hurricanes Katrina and Rita on the south Louisiana Barrier Shoreline: Grand Isle to Port Fourchon

Photography by Karen Westphal
LSU/SC&E Special Programs
For the USGS



Hurricane Katrina made landfall along the Louisiana Plaquemines shoreline on August 29, 2005



Hurricane Rita made landfall in western Louisiana near Sabine, TX on
September 24, 2005



Eastern end of Grand Isle, La. looking west - September 30, 2005



Eastern end of Grand Isle, La. - September 30, 2005



Grand Isle State Park pier, La. - September 30, 2005



Grand Isle State Park, La. - September 30, 2005



Grand Isle State Park, La. - September 30, 2005



Grand Isle, La. - September 30, 2005



Grand Isle, La. - September 30, 2005



Grand Isle, La. - September 30, 2005



Grand Isle, La. - September 30, 2005



Grand Isle Safeway - September 30, 2005



Central Grand Isle, La. - September 30, 2005



Central Grand Isle, La. - September 30, 2005



Central Grand Isle, La. - September 30, 2005



Western Grand Isle, La. - September 30, 2005



Western Grand Isle, La. at Highway 1 - September 30, 2005



West end of Grand Isle, La.; Caminada Pass - September 30, 2005



Elmer's Island; west side of Caminada Pass - September 30, 2005



Elmer's Island breaches - September 30, 2005



Elmer's Island road - September 30, 2005



Bayou von Tranc - September 30, 2005



Caminada Headland - September 30, 2005



LOOP pipeline; Caminada Headland - September 30, 2005



Bayou Moreau; Caminada Headland - September 30, 2005



Eastern shore of Bay Champlaine - September 30, 2005



Bay Champlaine shore breach - September 30, 2005



Fourchon Beach covered in wrack - September 30, 2005



Fourchon Road - September 30, 2005



Port Fourchon - September 30, 2005



Port Fourchon - September 30, 2005



Belle Pass to Port Fourchon - September 30, 2005



Belle Pass Spit - September 30, 2005



Belle Pass Spit - September 30, 2005