MX101-Opening a University Fiber Highway Between Mexico and US

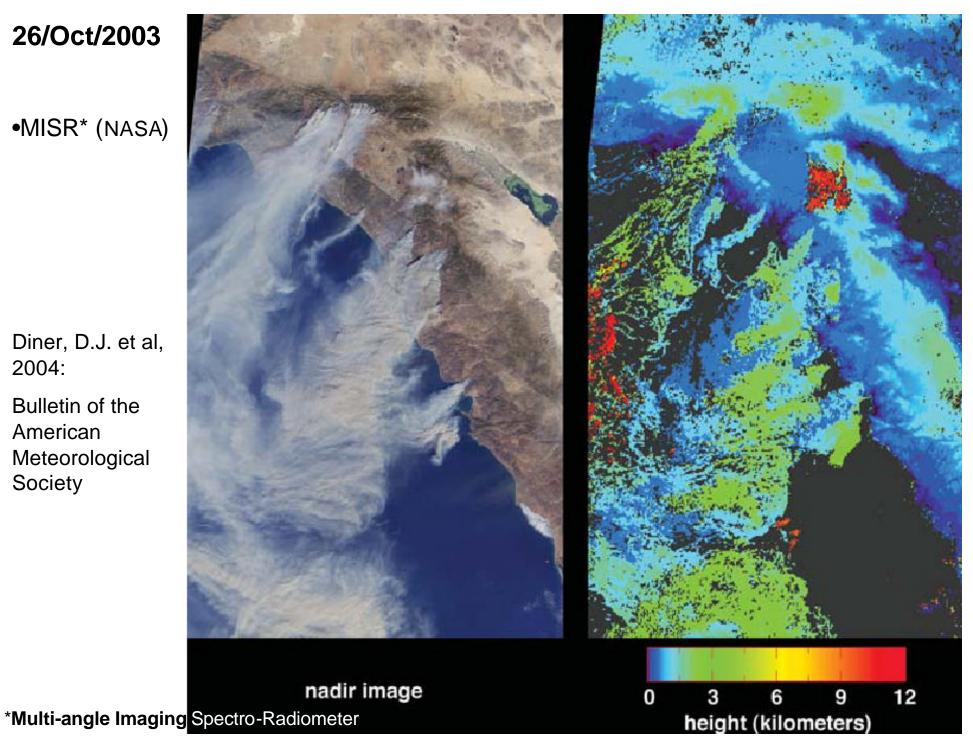
- 1) Southern California Wildfires: October 20 November 3, 2003
- 22 deaths
- 3,600 destroyed homes
- Model forecast shown
- 2) Landfall of Hurricane Marty in Baja California: September 22, 2003
- Maximum winds 41 m/s (92 mph)
- Heavy rainfall, up to 200 mm (8 inches) in 24 hours
- Satellite imagery and model forecast shown
- 3) Landfall of Hurricane Rita in Gulf of Mexico coast: Sep. 24, 2005
- Maximum winds 50 m/s (120 mph)
- Maximum intensity (category 5) over central gulf
- Satellite imagery (formation, intensification, landfall) shown

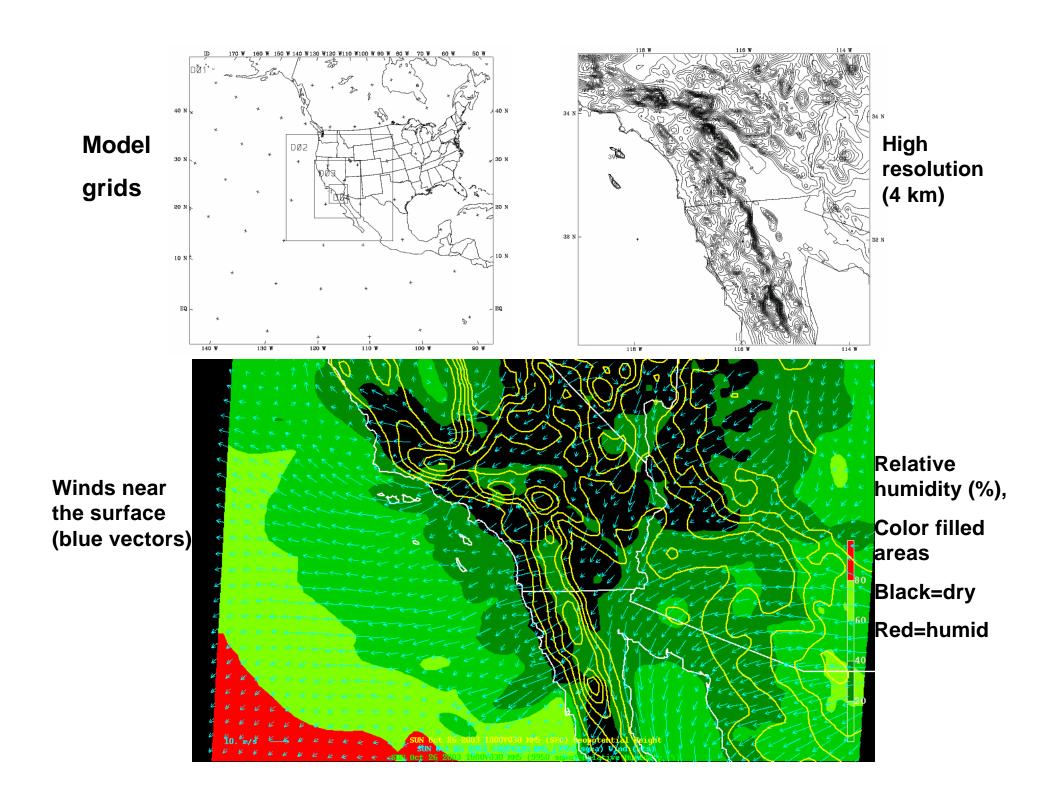
26/Oct/2003

•MISR* (NASA)

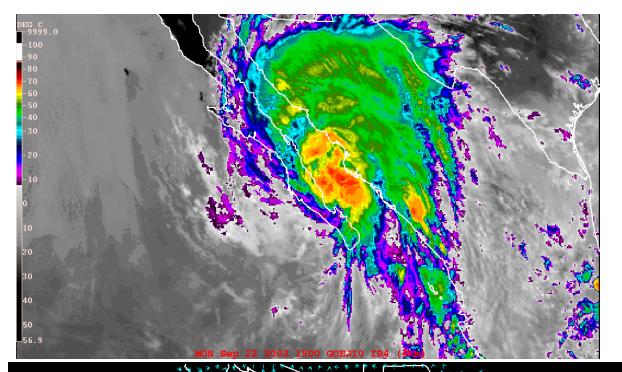
Diner, D.J. et al, 2004:

Bulletin of the American Meteorological Society



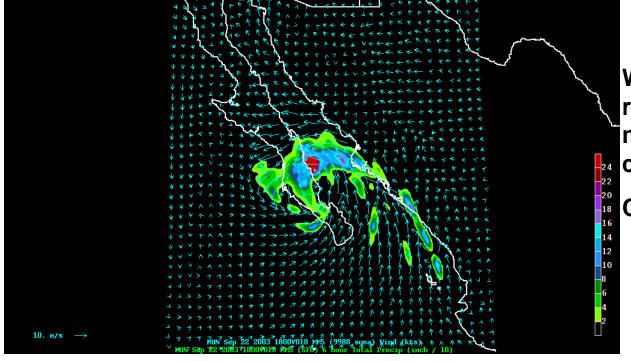


GOES-10 Satellite image

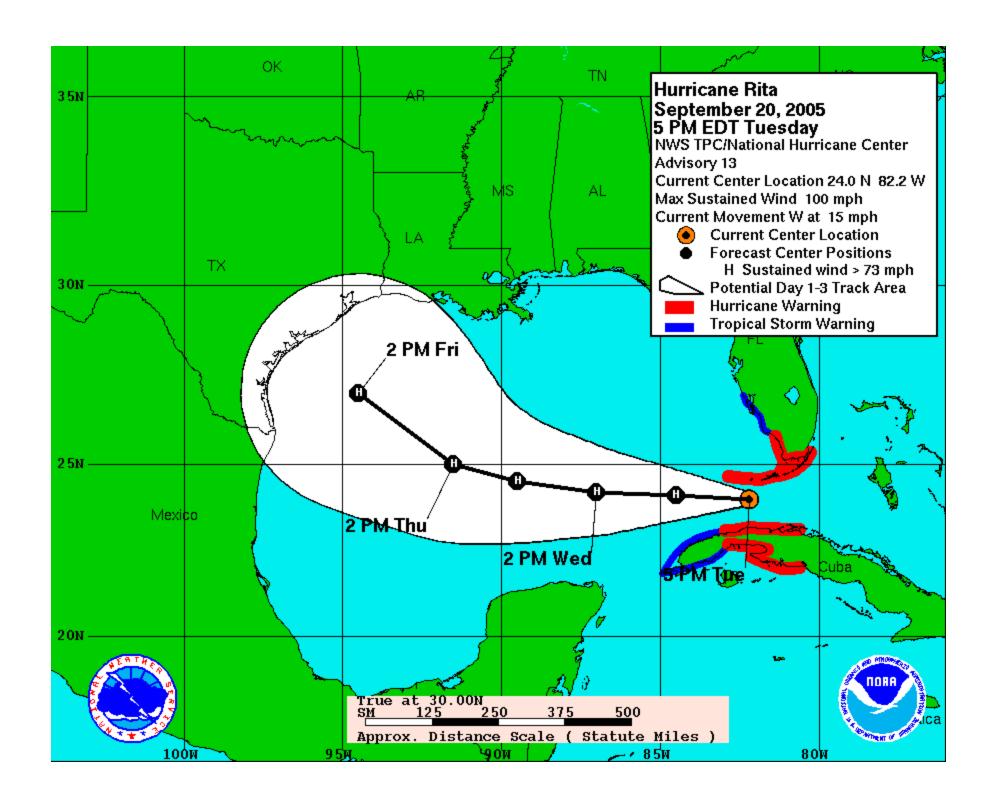


Color indicates intensity of the convective systems

MM5 model simulation



Winds and rainfall while moving over the central Gulf of
California



Hurricane Marty, 22 september 2005 GOES-12 (infrared) satellite image

