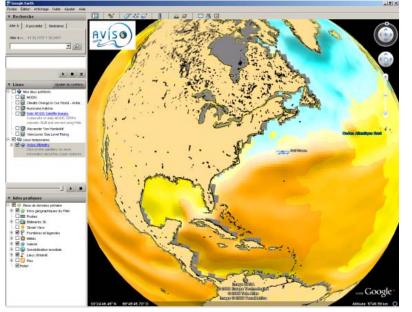
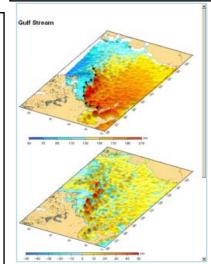
## Google Earth browse through altimetry applications on Aviso web



- Authors: Aviso Team
- •CLS/Cnes (Salp),
- Year: 2009
- Audience: concerned Public
- Medium: Google earth
- Size / Format: KML / KMZ
- Language(s): English & French

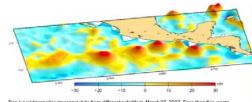
## Google Earth files on Aviso web to promote altimetry applications

- new, specially processed images
- Beginning with: Gulf Stream, Kuroshio, Antarctic Circumpolar and Algulhas current, Malvinas current & bathymetry, geoid, Tehuantepec eddies
- to be continued soon (El Niño, MSL) and further expanded later
- Available on Aviso web, NewsStand section



## Tehuantepec eddies

In winder, winds blow by pulses through a mountain pass across the Tehuantepec Istimus (Mexico) to fan out over the Mexican Pacific in the center of the Guit of Tehuantepec, generating large mesoscale eddies. Their issa-level signature can be tracked as far as 149W (gouvialent 2020), on the weathern site of the map above) before it disappears during the summer (the eddy season begins in take October and Lasts approximaley 250 days until early Jub, coinciding with the strengthering of the North Equatorial Countercurrent. Continuous series of altmedy data show that five to six eddies are generated on average of the Ouths of Thouantepec, Mexico and Papagayo (Nicaragua) each year. Such ocean teatures have a large-scale impact on the Eastern Pacific.



See Level Anomalies (merging date from different satisfied), March 07, 2007. Four then five, werm, anticyclonic addises can be seen propagating weatward: Click <u>term</u> to see an animation over the first four months of 2007.