



VDatum Zones

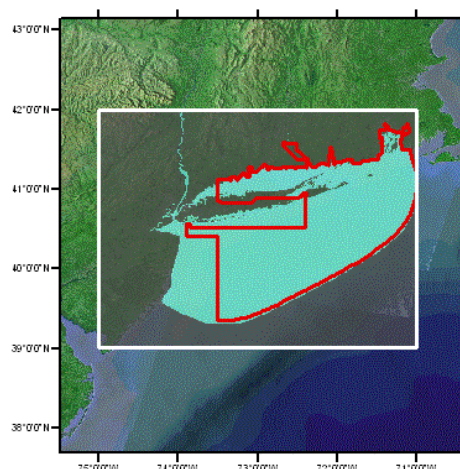
by Mircea Neacsu

With the inclusion of VDatum tidal datum transformation in HYPACK® 2011, it would be helpful to know the coverage of each individual zone. The information is available on the NOAA VDatum site (<http://vdatum/noaa.gov>) but one may not always have internet access on the boat. So here it is in a printable form that you can take with you on board. We will try to include it in the 2011 distribution if we can catch it before it reaches the printers.

EAST COAST

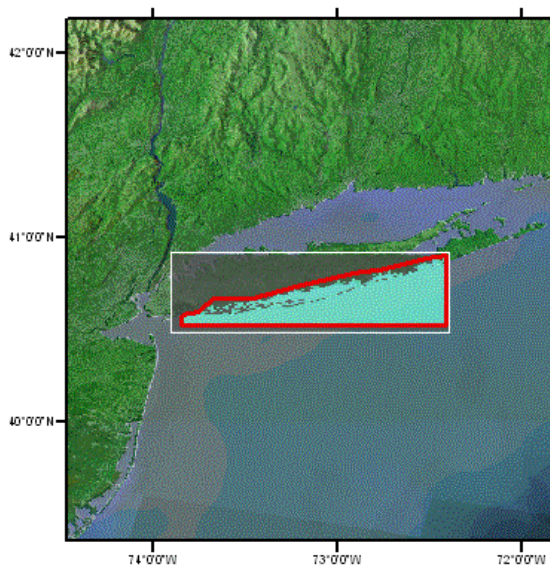
TABLE 1. East Coast VDatum Zones

New York/Connecticut/
Rhode Island – Outer NY
Bight, eastern Long Island
Sound, Block Island Sound



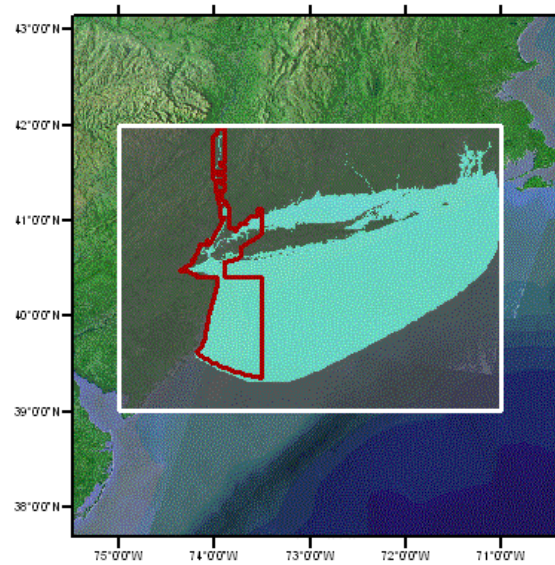
39.00N - 42.00N
70.99W - 75.00W

New York - The Great South
Bay



40.49N - 40.91N
72.39W - 73.89W

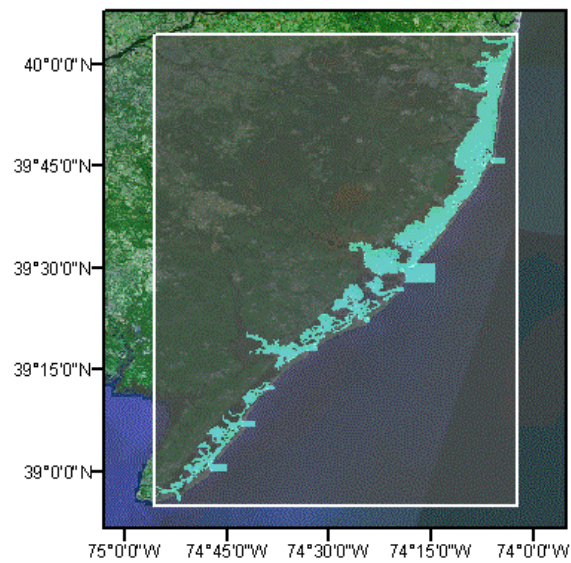
New Jersey/New York/Con-
necticut – Northern NJ, NY
Harbor, western Long Island
Sound



39.00N - 42.00N

70.99W - 75.00W

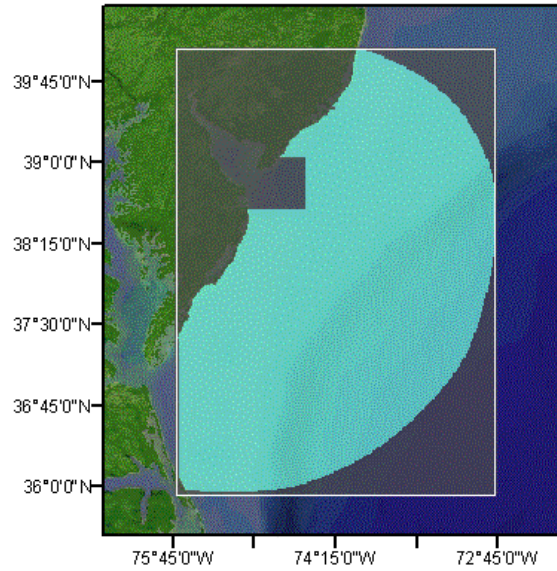
New Jersey - coastal embay-
ment



38.92N - 40.07N

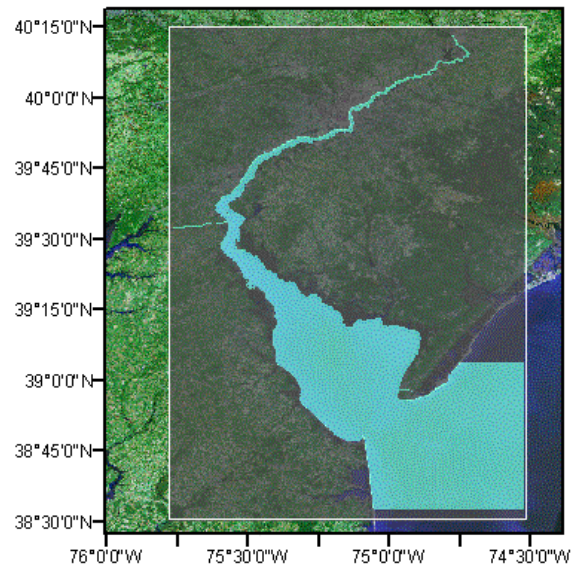
74.04W - 74.93W

Virginia/Maryland/Delaware/
New Jersey - Mid-Atlantic
Bight shelf



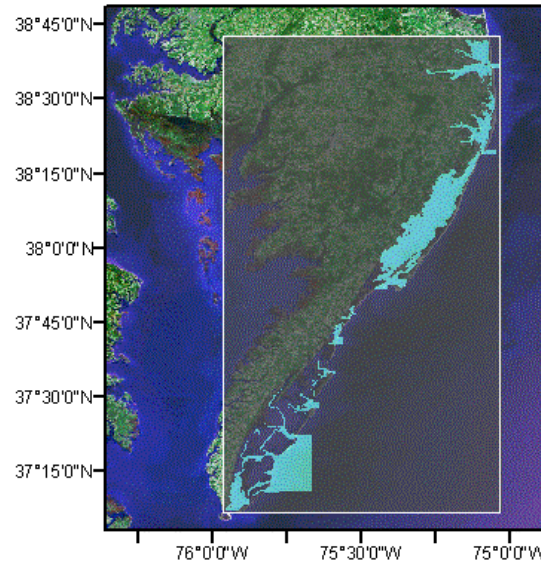
35.93N - 40.062N
72.75W - 75.73W

Delaware - Delaware Bay



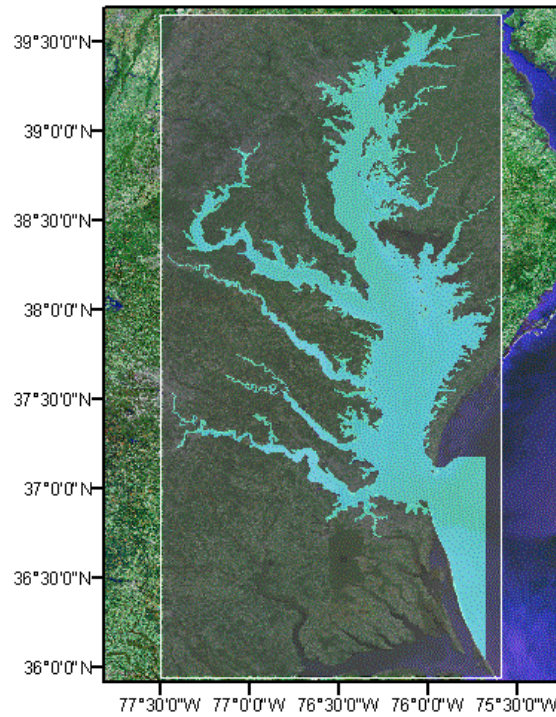
38.50N - 40.25N
74.52W - 75.78W

Virginia/Maryland/Delaware -
Coastal embayment



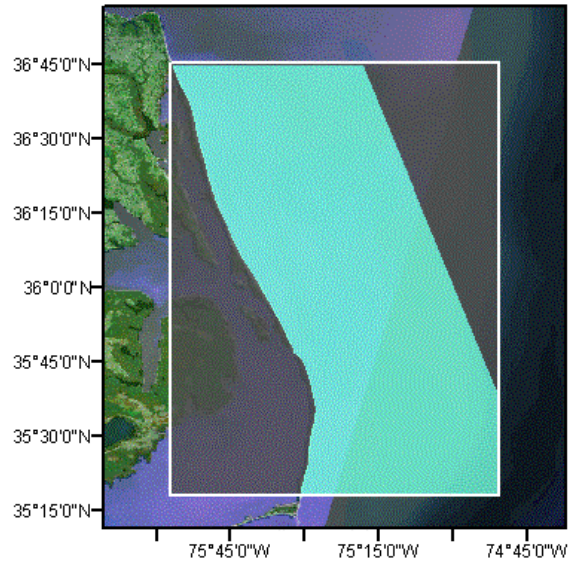
37.11N - 38.71N
75.03W - 75.96W

Virginia/Maryland - Chesapeake Bay



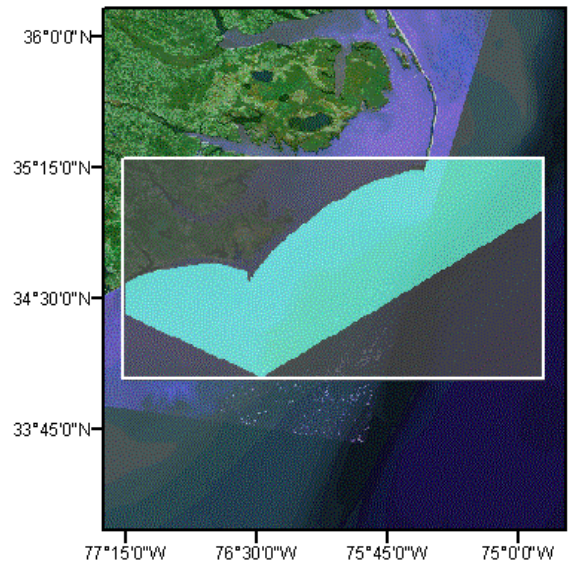
35.95N - 39.65N
75.58W - 77.48W

North Carolina - Coastal
North



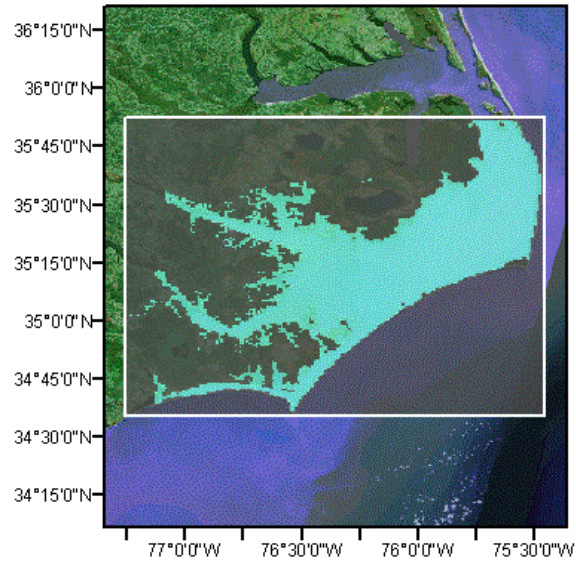
35.29N - 36.75N
74.84W - 75.95W

North Carolina - Coastal Cen-
tral



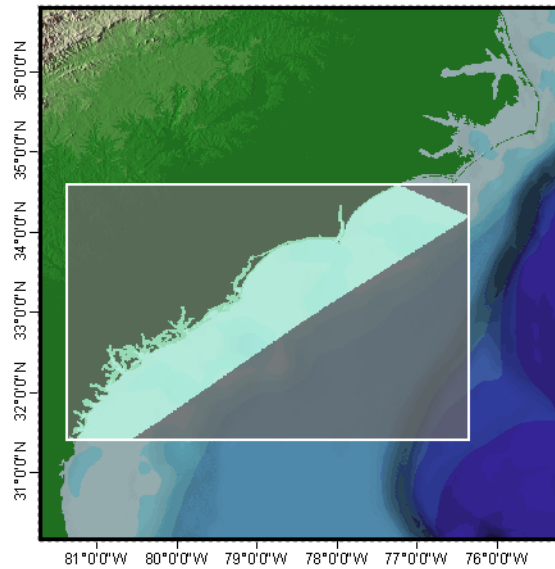
34.02N - 35.30N
74.84W - 77.25W

North Carolina - Pamlico
Sound



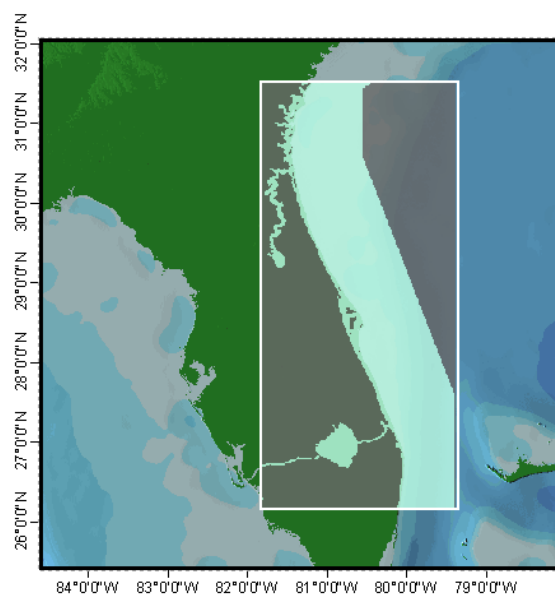
35.59N - 35.87N
75.45W - 77.25W

Georgia/South Carolina/
North Carolina – Sapelo
Island GA to New River NC



31.42N - 34.59N
76.33W - 81.38W

Florida/Georgia – Fort Lau-
derdale FL to Sapelo Island
GA

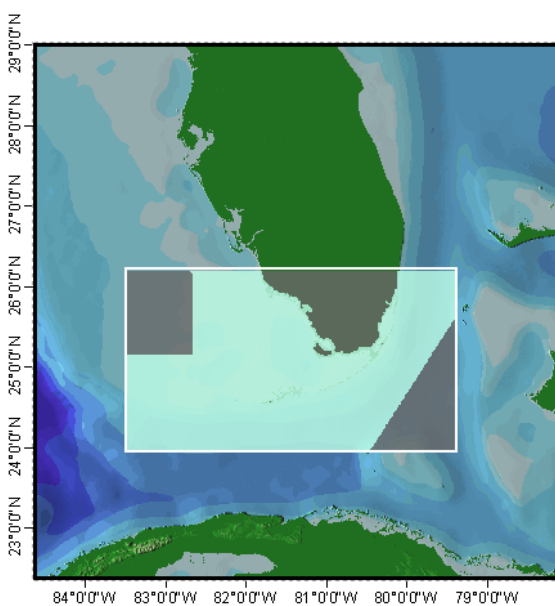


26.15N - 31.51N
79.38W - 81.80W

GULF COAST

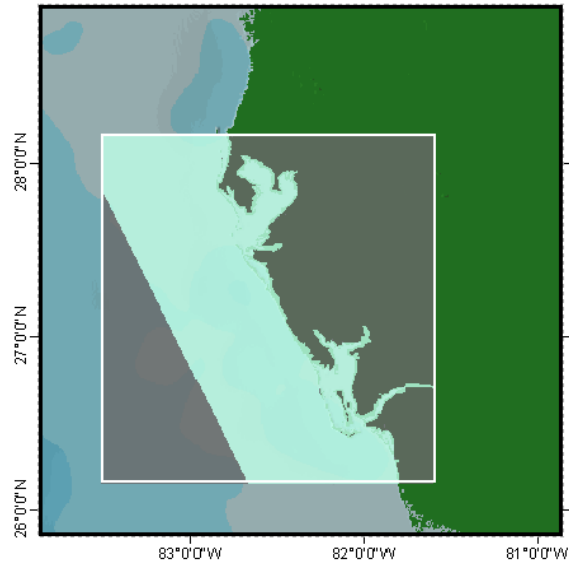
TABLE 2. *Gulf Coast VDatum Zones*

Florida – South Florida,
Naples to Fort Lauderdale FL,
and Florida Bay



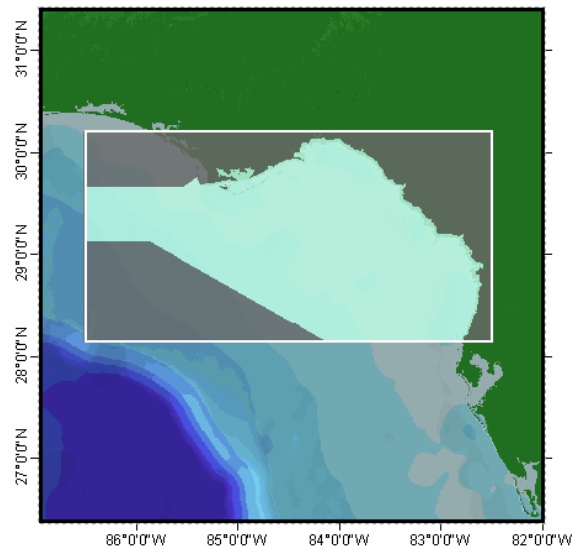
23.94N - 26.19N
79.38W - 83.50W

Florida – Anclote Key to
Naples



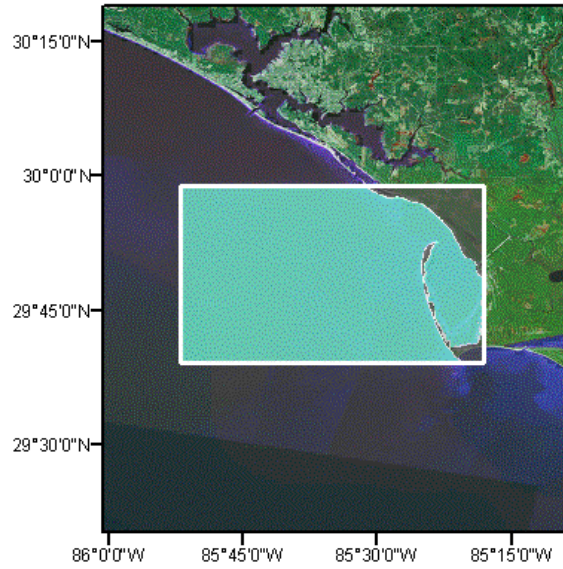
26.15N - 28.16N
81.60W - 83.51W

Florida – Apalachicola to
Anclote Key



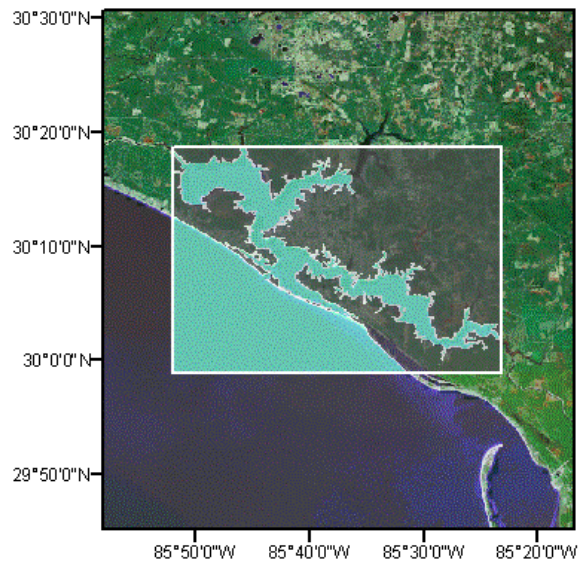
28.13N - 30.20N
82.48W - 86.51W

Florida - St. Joseph's Bay and
the Gulf of Mexico



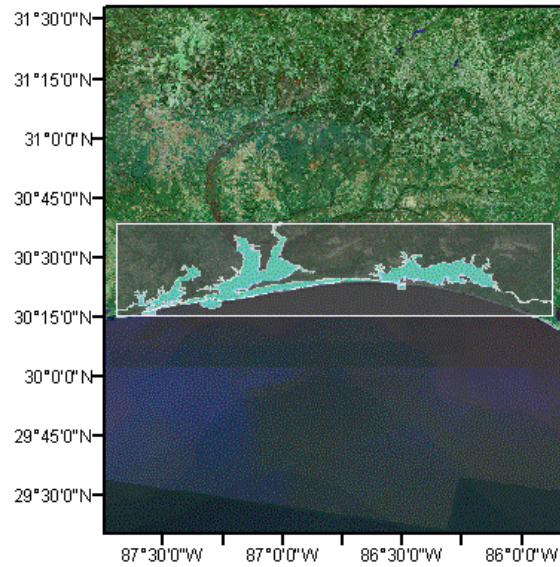
29.65N - 29.98N
85.30W - 85.86W

Florida - St. Andrew's Bay and
the Gulf of Mexico



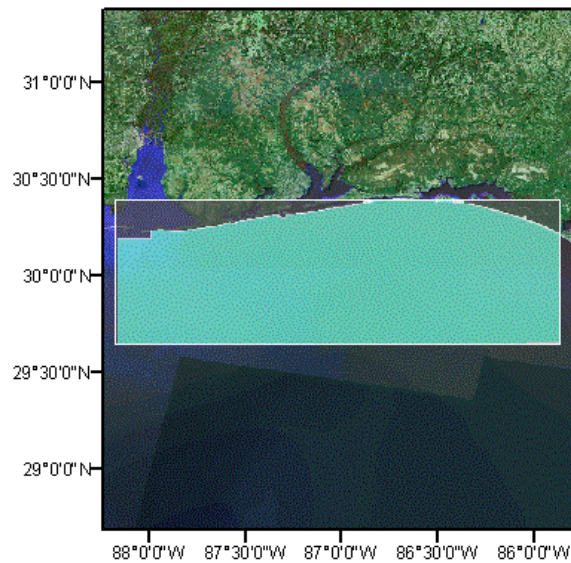
29.98N - 30.31N
85.38W - 85.86W

Florida - Perdido, Pensacola
and Choctawhatchee Bays



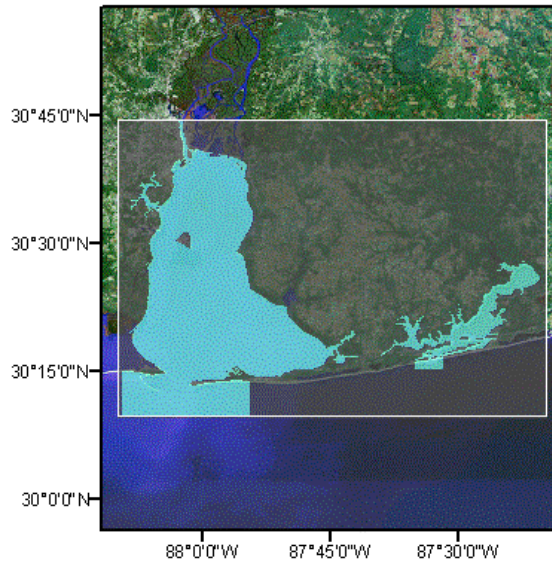
30.25N - 30.64N
85.86W - 87.68W

Florida/Alabama - Gulf of
Mexico from Mobile Bay to
east of Choctawhatchee Bay



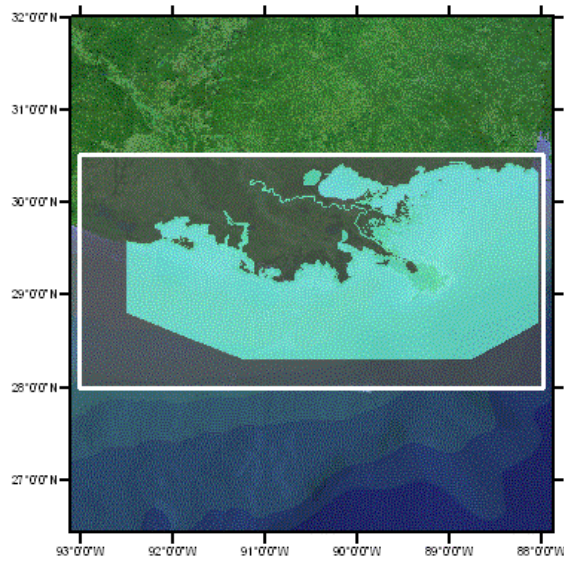
29.65N - 30.39N
85.86W - 88.16W

Alabama - Mobile Bay and Perdido Bay



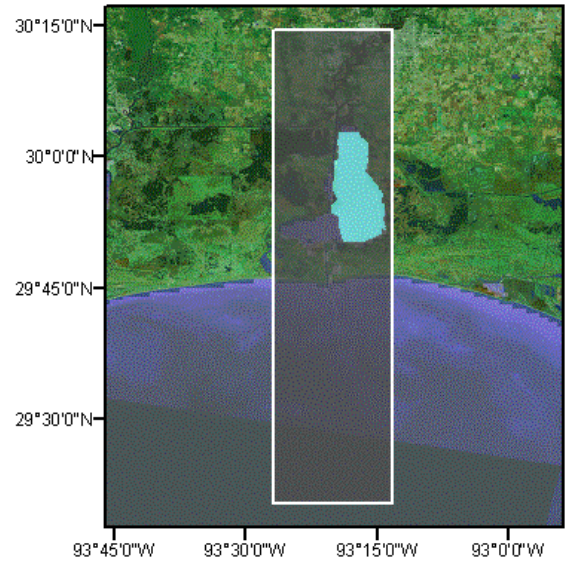
30.15N - 30.74N
87.32W - 88.16W

Louisiana/Mississippi - Eastern Louisiana to Mississippi Sound



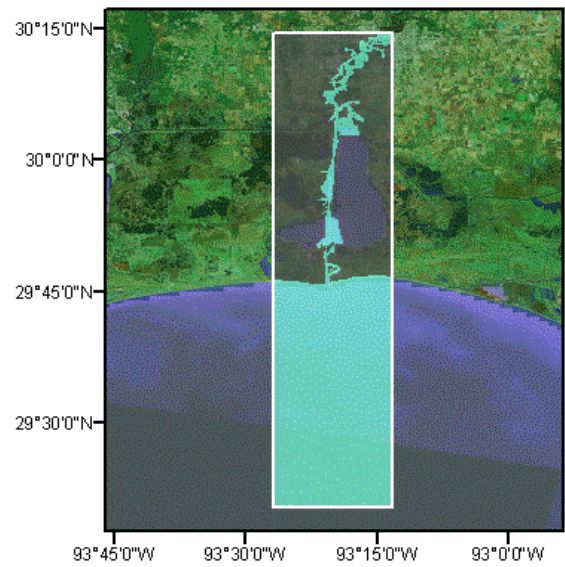
28.00N - 30.50N
88.00W - 93.00W

Louisiana - Lake Calcasieu and
Charles East



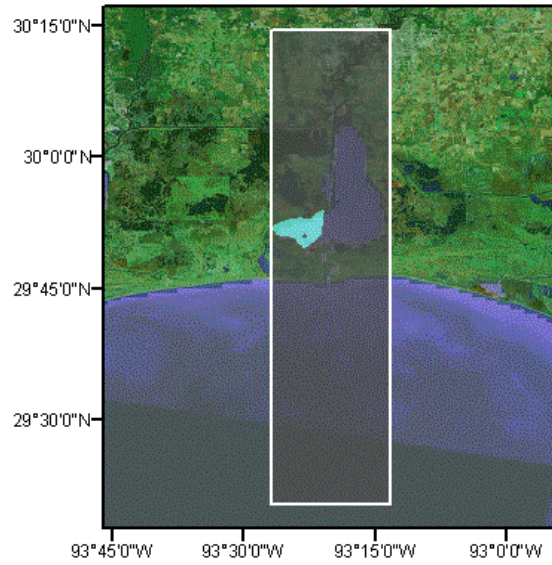
29.34N - 30.24N
93.21W - 93.44W

Louisiana - Lake Calcasieu and
Charles Main



29.34N - 30.24N
93.21W - 93.44W

Louisiana - Lake Calcasieu and
Charles West

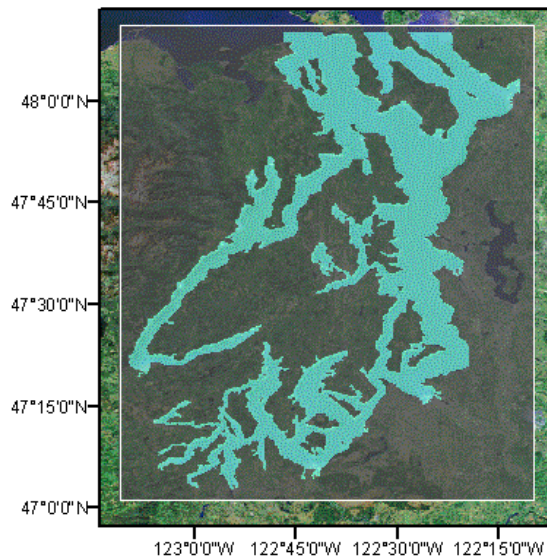


29.34N - 30.24N
93.21W - 93.44W

WEST COAST

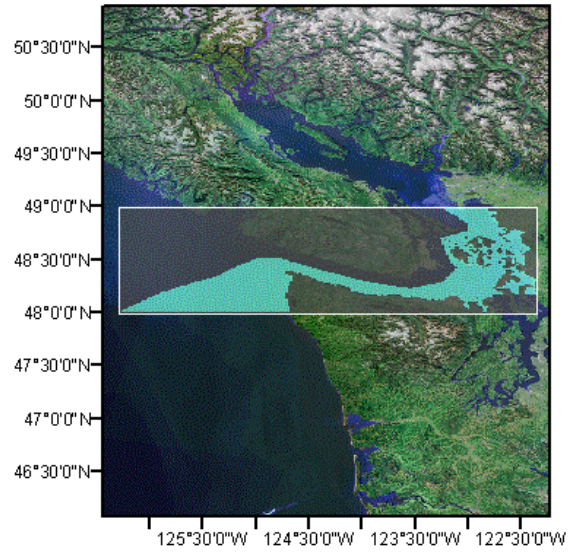
TABLE 3. *West Coast VDatum Zones*

Washington - Puget Sound



47.016N - 48.183N
122.165W - 123.183W

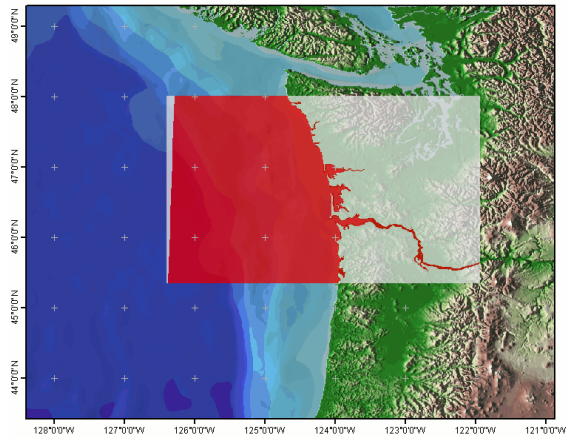
Washington - Juan de Fuca Strait



47.986N - 48.999N

122.348W - 126.288W

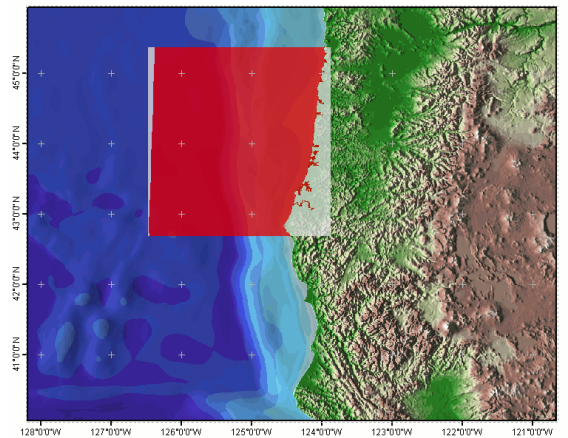
Washington/Oregon - Southern Washington and Columbia River



45.35N - 48.02N

121.94W - 126.4W

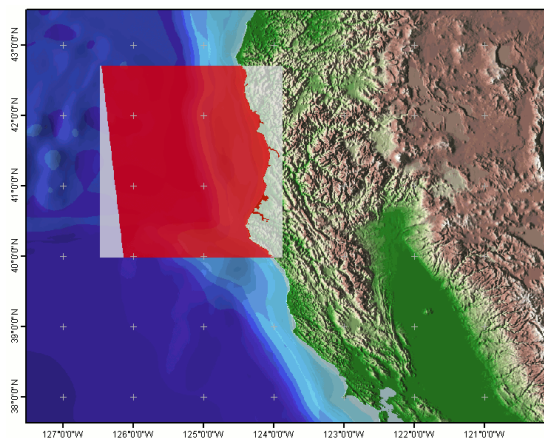
Oregon - Central Oregon



42.69N - 45.37N

123.88W - 126.47W

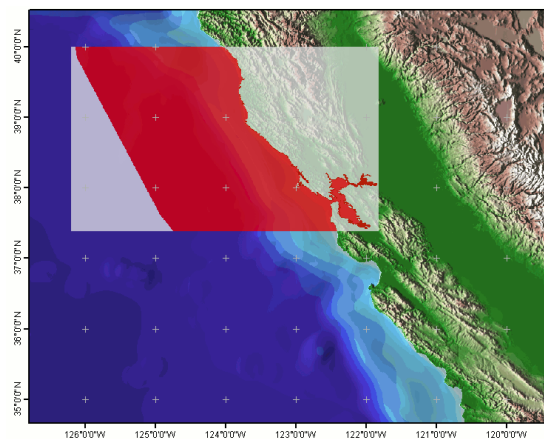
Oregon/California - Punta
Gorda to Cape Blanco



39.99N - 42.71N

123.88W - 126.47W

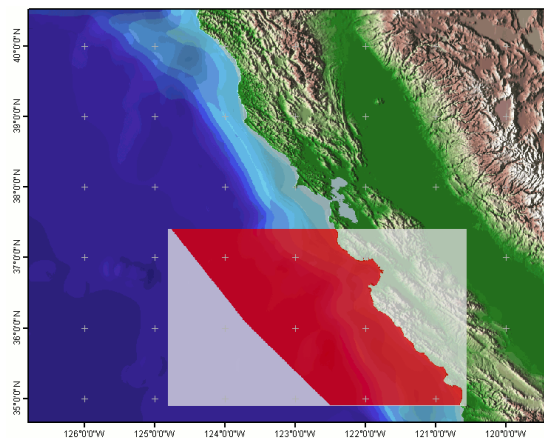
California - San Francisco Bay
Vicinity



37.39N - 40.01N

121.82W - 126.2W

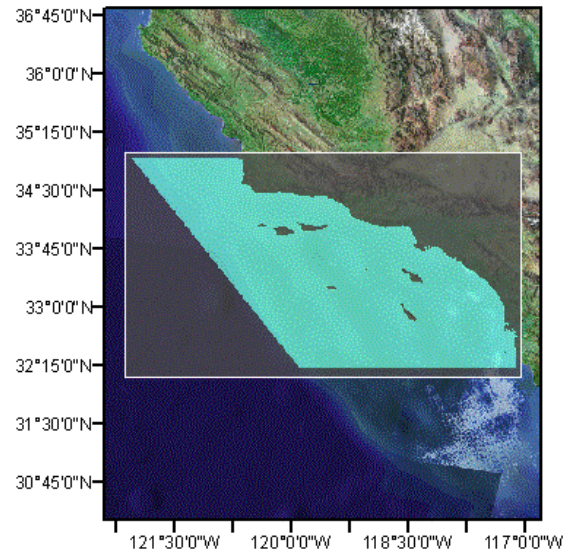
California - Monterey Bay to
Morro Bay



34.89N - 37.41N

120.565W - 124.81W

California - Southern California from Morro Bay south to US/Mexico border



32.11N - 35N

117.04W - 122.14W