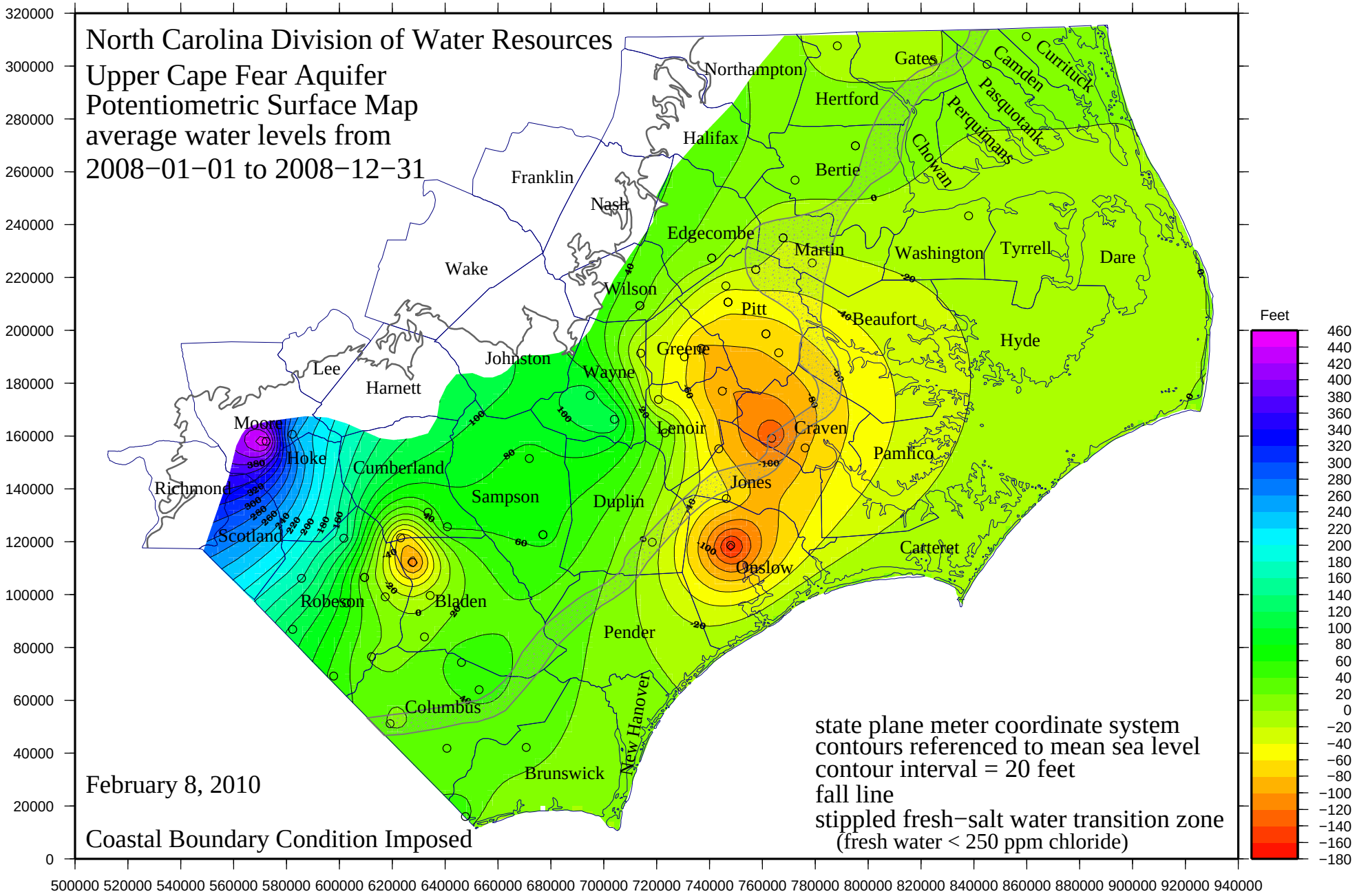
North Carolina Division of Water Resources
Upper Cape Fear Aquifer
Potentiometric Surface Map
average water levels from
2008−01−01 to 2008−12−31
Northampton
Gates
Camden
Currituck
Hertford
Pasquotank
Perquimans
Halifax
Chowan
Bertie
Franklin
Nash
Edgecombe
Martin
Washington
Tyrrell
Dare
Wake
Wilson
Pitt
Beaufort
Hyde
Johnston
Greene
Lee
Wayne
Harnett
Lenoir
Craven
Moore
Pamlico
Hoke
Cumberland
Jones
Richmond
Sampson
Duplin
Scotland
Onslow
Carteret
Robeson
Bladen
Pender
Columbus
New Hanover
Brunswick
February 8, 2010
Coastal Boundary Condition Imposed
state plane meter coordinate system
contours referenced to mean sea level
contour interval = 20 feet
fall line
stippled fresh−salt water transition zone
(fresh water < 250 ppm chloride)
Feet
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
−20
−40
−60
−80
−100
−120
−140
−160
−180
320000
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
500000 520000 540000 560000 580000 600000 620000 640000 660000 680000 700000 720000 740000 760000 780000 800000 820000 840000 860000 880000 900000 920000 940000