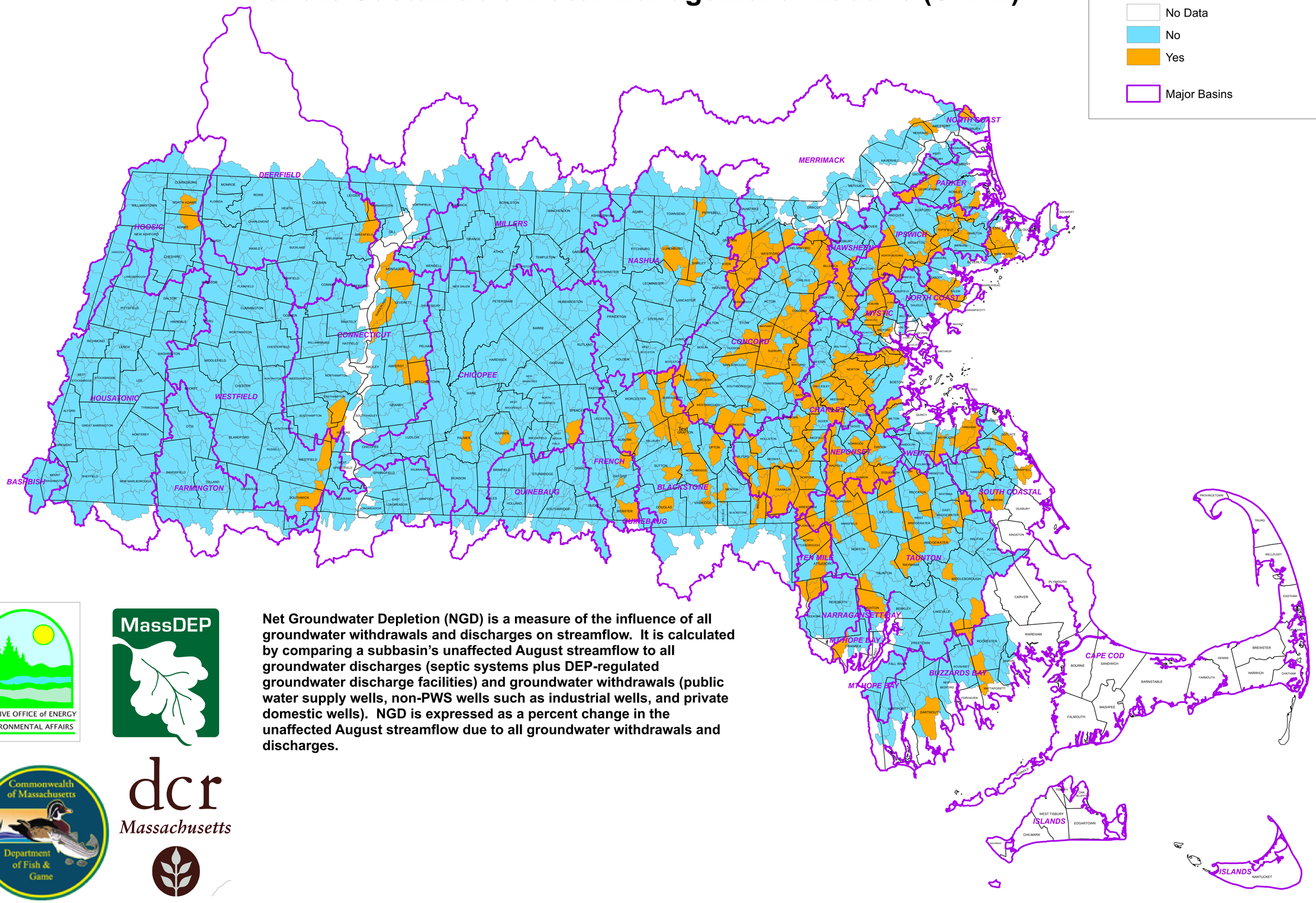
Net Groundwater Depletion (NGD)
for the Sustainable Water Management Initiative (SWMI)

Legend

Net Groundwater Depletion Greater Than 25%

- No Data
- No
- Yes

- Major Basins



EXECUTIVE OFFICE of ENERGY & ENVIRONMENTAL AFFAIRS

MassDEP

Commonwealth of Massachusetts Department of Fish & Game

dcr Massachusetts

Net Groundwater Depletion (NGD) is a measure of the influence of all groundwater withdrawals and discharges on streamflow. It is calculated by comparing a subbasin's unaffected August streamflow to all groundwater discharges (septic systems plus DEP-regulated groundwater discharge facilities) and groundwater withdrawals (public water supply wells, non-PWS wells such as industrial wells, and private domestic wells). NGD is expressed as a percent change in the unaffected August streamflow due to all groundwater withdrawals and discharges.

MassDEP December 2015