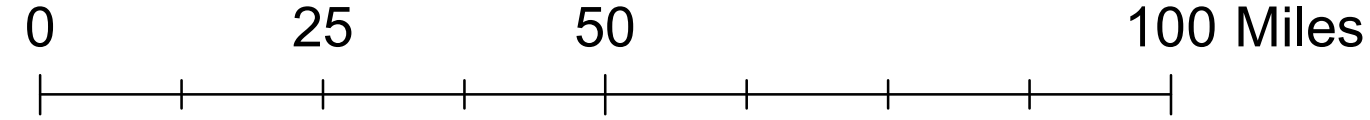


MARCELLUS SHALE GAS WELLS IN PENNSYLVANIA

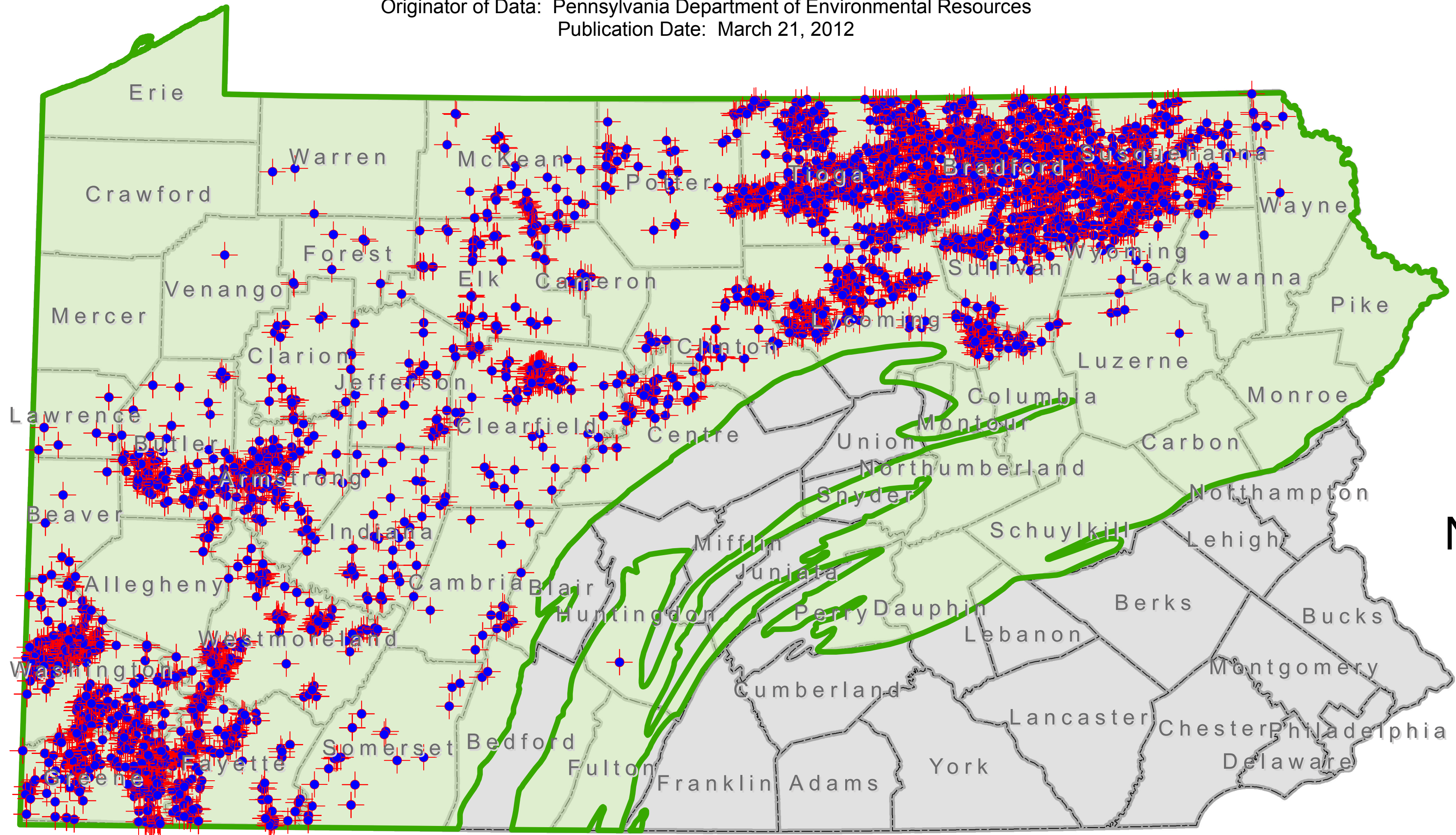


Scale 1:1,000,000



Commonwealth of Pennsylvania
 Pennsylvania Emergency Management Agency
 Operations Deputate
www.pema.state.pa.us

Originator of Data: Pennsylvania Department of Environmental Resources
 Publication Date: March 21, 2012



Total Permitted Marcellus Shale Gas Wells 9,274

Legend

Well_Type

-  MARCELLUS SHALE GAS WELLS
-  Marcellus Shale Region

Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702
 Projection: Lambert Conformal Conic
 Datum: North American 1983
 False Easting: 372.8220
 False Northing: 0.0000
 Central Meridian: -77.7500
 Standard Parallel 1: 39.9333
 Standard Parallel 2: 40.9667
 Latitude Of Origin: 39.3333
 Units: Mile US

Map MS 4
 March 21, 2012