

EcomonStrata\_v4b.dbf, EcomonStrata\_v4b.shp, EcomonStrata\_v4b.shx

ECOMON shapefiles created from Matlab Structure file using shapewrite

Version 4, created 08June2012 by HJW

Version 4b, created 04January2016 by HJW

There currently are 47 ECOMON strata used to randomly select plankton stations from Cape Hatteras, North Carolina, to Cape Sable, Nova Scotia.

Naming of the strata is numeric from 1 to 47, except for one stratum that is split into two polygons. Strata 38 is split and the name was changed to distinguish the east and west polygons.

381 = 38 east

382 = 38 west

Therefore there are 48 total polygons.

Variables in the Strata listed below.

Geometry = polygon

BoundingBox = Bounding box of the polygon

X = Longitude, decimal degrees

Y = Latitude, decimal degrees

Name = Strata number

NumofPoly = Number of polygons that make up the strata, 1 or 2

NumofSta = Number of plankton stations sampled in the strata for current ECOMON program

Region = Strata groupings, MAB = Mid-Atlantic Bight, SNE = Southern New England, GB = Georges Bank, GOM = Gulf of Maine

Area = Area of strata, km<sup>2</sup>, Note area reported for 381 and 382 is the same, and equals total for the two polygons combined (same for 481 and 482)

Type = Strata description, C = coastal, IS = inner-shelf, MS = mid-shelf, SB = shelf break, Bank = bank, Off = off-shelf, Basin = deep basin

