

READ ME File for the 2011 Non-Platform Source Gulfwide Access File

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WHAT IS PROVIDED HERE?

The non-platform emission inventory file developed for the 2011 Gulfwide Emission Inventory Study are provided for review and use by BOEM, air quality modelers, State and local agencies, and industry. This READ ME file provides important information integral to your use of the files.

ACRONYMS

BOEM	Bureau of Ocean Energy Management
CH ₄	Methane
CMV	Commercial Marine Vessels
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ E	Carbon Dioxide Equivalent
EPA	Environmental Protection Agency
GIS	Geographic Information System
GOM	Gulf of Mexico
kWhr	Kilowatt-hour
LTO	Landing and Take-off Cycle
NEI	National Emissions Inventory
NH ₃	Ammonia
N ₂ O	Nitrous Oxide
NO _x	Nitrogen Oxides
OCS	Outer Continental Shelf
PM ₁₀	Particulate Matter 10
PM _{2.5}	Particulate Matter 2.5
SCC	Source Classification Code
SO ₂	Sulfur Dioxide
VOC	Volatile Organic Compounds

INTRODUCTION

The 2011 Gulfwide emissions inventory for non-platform sources is a comprehensive inventory covering criteria pollutants and greenhouse gases. The Gulfwide inventory was developed by Eastern Research Group, Inc. (ERG), in Morrisville, North Carolina.

The scope of the 2011 Gulfwide Inventory effort was to compile 2011 base year activity data and develop emission estimates for all non-platform sources in Gulf of Mexico on the Outer Continental Shelf (OCS).

WHAT INVENTORY DATA FILE IS PROVIDED?

This file is provided in Microsoft Access 2007. The zipped file contains a MS-Access database with one table that includes all non-platform source (monthly) emissions data.

HOW IS THE DATA FILE ORGANIZED?

ERG has used a structure similar to that of the U.S. Environmental Protection Agency's National Emissions Inventory (NEI) database to compile the Gulfwide inventory non-platform file. Table 1 summarizes the structure of the non-platform file provided.

WHAT SOFTWARE DO I NEED TO USE THE DATA FILE?

The file is provided in Microsoft Access 2007. MS-Access provides a reliable, commonly used platform which can be used to view and link the files. The file is also formatted for easy linkage into a geographic information system such as ESRI's ArcGIS suite of products.

HOW CAN I REVIEW OR USE THE FILE?

BOEM, air quality modelers, State and local agencies, and industry representatives can review and use this file in a number of ways. Emission estimates can be summarized by non-platform source category, lease block, pollutant, and vessel type. Estimates can also be assessed for specific geographic areas in the Gulf of Mexico on the OCS by mapping lease blocks to the BOEM area of interest.

Table 1. Summary of Non-Platform Field Names

SCC	Source Category Classification Code
SCC Name	Description of SCC Code
Nonplatform Name	Source Category Description that is often more detailed than SCC Code, such as vessel type
AC_LAB	Area Code and Lease Block ID combined
Pollutant	Pollutant Identification Code
Emission Numeric Value	Emission Estimate
Emission Type	Monthly
Emission Units	Tons
Start Date	Year (4 digits) Month (2 digits) Day (2 digits)
End Date	Year (4 digits) Month (2 digits) Day (2 digits)
Activity	Activity used as basis for emissions
Activity Units	Units for activity (e.g., kWhr, barrels, etc.)