READ ME File for the 2017 Non-Platform Sources Access Files

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WHAT IS PROVIDED HERE?

The non-platform emission inventory files developed for the Year 2017 Emissions Inventory Study are provided for review and use by Bureau of Ocean Energy Management (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

AC_LAB	Area Code and Lease Block ID Combined
BOEM	Bureau of Ocean Energy Management
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2E	Carbon Dioxide Equivalent
EPA	Environmental Protection Agency
FPSO	Floating Production Storage and Offloading
GHG	Greenhouse Gas
GOM	Gulf of Mexico
HAP	Hazardous Air Pollutant
Hr	Hour
kWhr	Kilowatt-hour
LOOP	Louisiana Offshore Oil Port
NEI	National Emissions Inventory
NH_3	Ammonia
N_2O	Nitrous Oxide
NO_X	Nitrogen Oxides
OCS	Outer Continental Shelf
Pb	Lead
PM_{10}-PRI	Primary Particulate Matter 10
$PM_{2.5}$-PRI	Primary Particulate Matter 2.5
RORO	Roll-on/Roll-off
SCC	Source Classification Code
SO_2	Sulfur Dioxide
VOC	Volatile Organic Compounds

INTRODUCTION

The BOEM 2017 emissions inventory for non-platform sources is a comprehensive inventory covering criteria pollutants and greenhouse gases. The inventory was developed by Eastern Research Group, Inc. (ERG), in Morrisville, North Carolina.

The scope of the Year 2017 Emissions Inventory effort was to compile 2017 base year activity data and develop emission estimates for all non-platform sources in the Gulf of Mexico on the Outer Continental Shelf (OCS).

WHAT INVENTORY DATA FILE IS PROVIDED?

These files are provided in Microsoft® Access® (MS-Access) 2016. The zipped file contains two MS-Access databases with one table each that includes all monthly non-platform source emissions data; one database contains criteria pollutant and greenhouse gas emissions, and the other contains hazardous air pollutant emission estimates.

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 2017 inventory non-platform files. Table 1 summarizes the structure of the non-platform files provided.

WHAT SOFTWARE DO I NEED TO USE THE DATA FILE?

MS-Access provides a reliable, commonly used platform which can be used to view and link the files. The files are also formatted for easy linkage into a geographic information system such as ESRI's ArcGIS suite of products using BOEM's ACLAB lease block identifier.

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 matching emissions data to BOEM lease blocks.

Table 1. Summary of 2017 Non-Platform BOEM Records

Month	Month (numeric)
AC_LAB	Area Code and Lease Block ID combined
StandardizedVesselType	Vessel type (cargo, bulk, tug, container, etc.)
Pollutant	Pollutant name
Emissions	2017 emissions estimate (tons)
Activity	Activity used as basis for emissions
Activity Units	Units for activity (e.g., kWhr, barrels, etc.)

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