

8-h ozone modeling performed by the OTC Modeling Committee

Listing of datasets and their file size available in electronic format for the 12km domain from NYSDEC for use with SMOKE/CMAQ system. Please contact Gopal Sistla at 518 402 8402 for information requests. The total file size is about 660 GB

CMAQ input files – emissions

Premerged and merged annual 2002 BaseB1 emissions (~140 GB)

Premerged and merged annual 2009 BOTW BaseB4 emissions (~140 GB)

Premerged and merged May -September 2012 BOTW BaseB4 emissions (~70 GB)

CMAQ input files – MCIP3 output files

MCIP3 files for OTC 12km modeling domain from May to Sep 2002 period

File size is about 30 Gb per month

CMAQ input files – BCON and ICON

Boundary condition files for OTC 12km modeling domain from Dec 2001 to Dec 2002

File size is about 14Gb

Initial concentration file is <1Mb

CMAQ input files – JPROC

JPROC files from Dec 2001 to Dec 2002

File size is <1Mb

CMAQ output files – 2002 BaseB1

Selected CMAQ output files from May 15 to Sep 30, 2002 for OTC 12km domain

ACONC, dry/wet deposition, AEROVIS and 8h ozone files, total size is about 36Gb

CMAQ output files – 2009 OTW BaseB4 by VADEQ

ACONC files downloaded from ORC ftp site, from May 15 to Sep 30, 2002

Total file size is 16Gb

CMAQ output files – 2009 BOTW BaseB4

Selected CMAQ output files from May 15 to Sep 30, 2002 for OTC 12km domain

ACONC, dry/wet deposition, AEROVIS and 8h ozone files, total size is about 42Gb

CMAQ output files – 2012

Selected CMAQ output files from May 15 to Sep 30, 2002 for OTC 12km domain

ACONC, dry/wet deposition, AEROVIS and 8h ozone files, total size is 36Gb

The file sizes listed in this Table were rounded off for ease and convenience.

Emissions		File (Gb)
2002 Base	(annual)	140
2009BOTW	(annual)	140
2012BOTW	(ozone season)	70
Meteorology		
MCIP3 files	(5months)	150
Boundary & Initial		
BCON & ICON	(annual)	15
Photolysis rates		
JPROC	(annual)	1
Output		
2002Base	(ozone season)	40
2009OTW	(ozone season)	20
2009BOTW	(ozone season)	40
2012BOTW	(ozone season)	40
Total		656