

From: [Baker, Thomas](#)
To: iqbal.hossan@adeq.state.ar.us
Cc: [Possiel, Norm](#)
Subject: RE: 2016v2 Modeling_CAMx Scripts
Date: Monday, May 9, 2022 10:21:45 AM

Thank you, too.

Tom

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Monday, May 9, 2022 9:51 AM
To: Baker, Thomas <Baker.Thomas@epa.gov>
Cc: Possiel, Norm <Possiel.Norm@epa.gov>
Subject: FW: 2016v2 Modeling_CAMx Scripts

Good morning Tom,

I just received the drives. Thank you.

I greatly appreciate your help

Iqbal

From: Hossan, Iqbal
Sent: Tuesday, May 3, 2022 1:38 PM
To: 'Baker, Thomas'; Possiel, Norm
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Tom,

Thank you so much for the help and update.

Iqbal

From: Baker, Thomas [<mailto:Baker.Thomas@epa.gov>]
Sent: Tuesday, May 3, 2022 12:16 PM
To: Hossan, Iqbal; Possiel, Norm
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

While we have started processing your request, we do not have an estimate for its completion. There are other requests due to finish before it.

Thank you,
Tom

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Tuesday, May 3, 2022 11:09 AM
To: Baker, Thomas <Baker.Thomas@epa.gov>; Possiel, Norm <Possiel.Norm@epa.gov>
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Tom,

Hope you are having a great day. I was wondering if you have any updates about drives.

Thank you

From: Baker, Thomas [<mailto:Baker.Thomas@epa.gov>]
Sent: Wednesday, April 20, 2022 1:35 PM
To: Hossan, Iqbal; Possiel, Norm
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hello Iqbal,

The drives arrived safely. Thank you for the return FedEx form.

Tom Baker

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Wednesday, April 20, 2022 2:33 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>; Baker, Thomas <Baker.Thomas@epa.gov>
Subject: Fw: 2016v2 Modeling_CAMx Scripts

Hello Norm,

Hope you are doing well. FedEx tracking (8152 6198 5223) shows that the box is delivered on Monday 04/18/2022.

I was wondering if you received it. Please let me know the update.

Thank you so much for the help

Iqbal Hossan | Engineer, P.E. (Air Quality Photochemical Modeler)
Division of Environmental Quality | **Office of Air Quality**

Policy and Planning Branch

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0821 | e: iqbal.hossan@adeq.state.ar.us

From: Hossan, Iqbal

Sent: Friday, April 15, 2022 9:29 AM

To: 'Possiel, Norm'; Baker, Thomas

Subject: FW: 2016v2 Modeling_CAMx Scripts

Also,

Inside the box, I included a return FedEx form that will bill the return shipping to us if you put it on the box when you return it.

Thanks

From: Hossan, Iqbal

Sent: Friday, April 15, 2022 9:26 AM

To: 'Possiel, Norm'

Cc: Eyth, Alison; Misenis, Chris; Baker, Thomas

Subject: RE: 2016v2 Modeling_CAMx Scripts

Hello Norm,

I have shipped drives (2 hard drives, total capacity 16TB) yesterday. The address I used for shipping is:

U.S. E.P.A.

Thomas Baker

4930 Old Page Road

Durham, N.C. 27703

The Fedex tracking (8152 6198 5223) shows the scheduled delivery on Monday 4/18/2022.

Thank you so much

Iqbal

From: Possiel, Norm [\[mailto:Possiel.Norm@epa.gov\]](mailto:Possiel.Norm@epa.gov)

Sent: Friday, April 8, 2022 10:06 AM

To: Hossan, Iqbal

Cc: Eyth, Alison; Misenis, Chris; Baker, Thomas

Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

Please let us know when you have shipped the drives to us and provide the tracking number.

Thanks,

Norm

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Monday, April 4, 2022 12:46 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Eyth, Alison <Eyth.Alison@epa.gov>; Misenis, Chris <Misenis.Chris@epa.gov>; Baker, Thomas <Baker.Thomas@epa.gov>
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Norm,

Thank you so much for the help. Please see the attached files.

I will ship enough hard drives soon. I will let you know the update.

Thank you.

Iqbal

From: Possiel, Norm [<mailto:Possiel.Norm@epa.gov>]
Sent: Friday, April 1, 2022 12:31 PM
To: Hossan, Iqbal
Cc: Eyth, Alison; Misenis, Chris; Baker, Thomas
Subject: RE: 2016v2 Modeling_CAMx Scripts

The attached files identify the emissions files and other CAMx inputs as well as output files that are available. Just "check the box" in column A of each tab to identify the files you want and return the files to me. Please send hard drives with sufficient space for the data you want to Tom Baker at the following address:

U.S. E.P.A.
Thomas Baker
4930 Old Page Road
Durham, N.C. 27703

FedEx or UPS is preferred.

Norm

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Friday, April 1, 2022 1:22 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Misenis, Chris <Misenis.Chris@epa.gov>
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Norm,

Thank you so much for the reply.

How would I get CAMx-formatted pre-merged files?.

Would you please help me getting those?. Is it possible to transfer files via ftp site?. Or I can send a hard drive if necessary.

Thanks in advance

Iqbal

From: Possiel, Norm [<mailto:Possiel.Norm@epa.gov>]
Sent: Friday, April 1, 2022 12:18 PM
To: Hossan, Iqbal
Cc: Misenis, Chris
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

I checked with the folks in our emissions group and, yes, the pre-merged emissions files have been posted to this site. Note that these files are in I/O formats that CMAQ reads. We have not posted the merged files nor any final CAMx-formated emissions files.

Norm

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Friday, April 1, 2022 10:28 AM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Misenis, Chris <Misenis.Chris@epa.gov>
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Norm,

Thank you so much for your response. We have plan to work on all the future years. So, we will need baseline year 2016 and all the future years (2023, 2026, and 2032) data.

I found this website <https://dataverse.unc.edu/dataset.xhtml?persistentId=doi:10.15139/S3/SAXVSF> . Looks like all the premerged CAMx ready input files are here, am I right?

Thank you

Iqbal

From: Possiel, Norm [<mailto:Possiel.Norm@epa.gov>]
Sent: Thursday, March 31, 2022 3:33 PM
To: Hossan, Iqbal
Cc: Misenis, Chris
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

“25” in the 2016v2 TSD was a typo. It should be “35”. Tist has been corrected in the AQM TSD for the proposed transport FIP.

We have model-ready emissions files for the cases identified in the table below. Which cases are you interested in?

Norm

Analytic Year	Model Run	Case Name	Simulation Period
2016	2016 baseline	2016fj	Annual
2023	2023 baseline	2023fj	Annual
	2023 state total anthropogenic contributions	2023fj_ussa	May - September
2026	2026 baseline	2026fj	Annual
	2026 state total anthropogenic contributions	2026fj_ussa	May - September
	2026 state EGU contributions	2026fj_egusa	April - September
	2026 state Non-EGU contributions	2026fh_nonegusa	April - September
	2026 state EGU + Non-EGU 30% NOx cut	2026fj_30nox	May - September
2032	2032 baseline	2032fj	May - September

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>

Sent: Thursday, March 31, 2022 3:32 PM

To: Possiel, Norm <Possiel.Norm@epa.gov>

Cc: Misenis, Chris <Misenis.Chris@epa.gov>

Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Norm,

I have been reading 2016v2 TSD. It says “Both modeling domains have 25 vertical layers with a top at about 17,550 meters, or 50 millibars (mb)”.

Did you use 25 vertical layers? Or 35?

Also, EPA used all inputs i.e. meteorological fields, initial concentrations, ozone column, photolysis rates, and boundary concentrations from 2016v1 platform except for the emissions. I can get those inputs from IWDW <https://views.cira.colostate.edu/iwdw/RequestData/Default.aspx> except CAMx-ready emissions data. I know of SMOKE input emissions are available here <https://gaftp.epa.gov/Air/emismod/2016/v2/>

Could you please let me know from where I can download **the CAMx-ready emissions data** for 2016 and all future years?.

Thanks in advance

Iqbal

From: Possiel, Norm [<mailto:Possiel.Norm@epa.gov>]
Sent: Tuesday, March 29, 2022 3:53 PM
To: Hossan, Iqbal
Cc: Misenis, Chris
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

Attached are scripts for each of the CAMx simulations identified the 2016v2 air quality modeling TSD.

Let me know if you have any questions about the scripts or the actual model runs.

Norm

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Tuesday, March 22, 2022 2:26 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Misenis, Chris <Misenis.Chris@epa.gov>
Subject: RE: 2016v2 Modeling_CAMx Scripts

Hi Norm,

Thank you so much for the response. It will help me a lot.

Thanks

From: Possiel, Norm [<mailto:Possiel.Norm@epa.gov>]
Sent: Tuesday, March 22, 2022 1:25 PM
To: Hossan, Iqbal
Cc: Misenis, Chris
Subject: FW: 2016v2 Modeling_CAMx Scripts

Hi Iqbal,

I will be sending the modeling scripts you requested early next week.

Norm

From: Hossan, Iqbal <iqbal.hossan@adeq.state.ar.us>
Sent: Thursday, March 17, 2022 1:25 PM
To: Misenis, Chris <Misenis.Chris@epa.gov>

Subject: 2016v2 Modeling_CAMx Scripts

Hello Chris,

Hope you are doing great. I am reading this document

https://gaftp.epa.gov/Air/aqmg/2016v2_Platform_Modeling_Data/AQ%20Modeling%20TSD_2016v2%20Platform_rev_2022_0119a.pdf and wondering about the CAMx scripts used in the modeling.

Would you please help me finding the websites/ftp site from where I can get the CAMx scripts?

Thanks in advance

Iqbal Hossan | Engineer (Air Quality Photochemical Modeler)

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