Read Me:

Model Name: DM-00_Jetplume_Example

Objective: Use EFDC+ Explorer (EE) and EFDC+ to simulate an example of a jet plume.

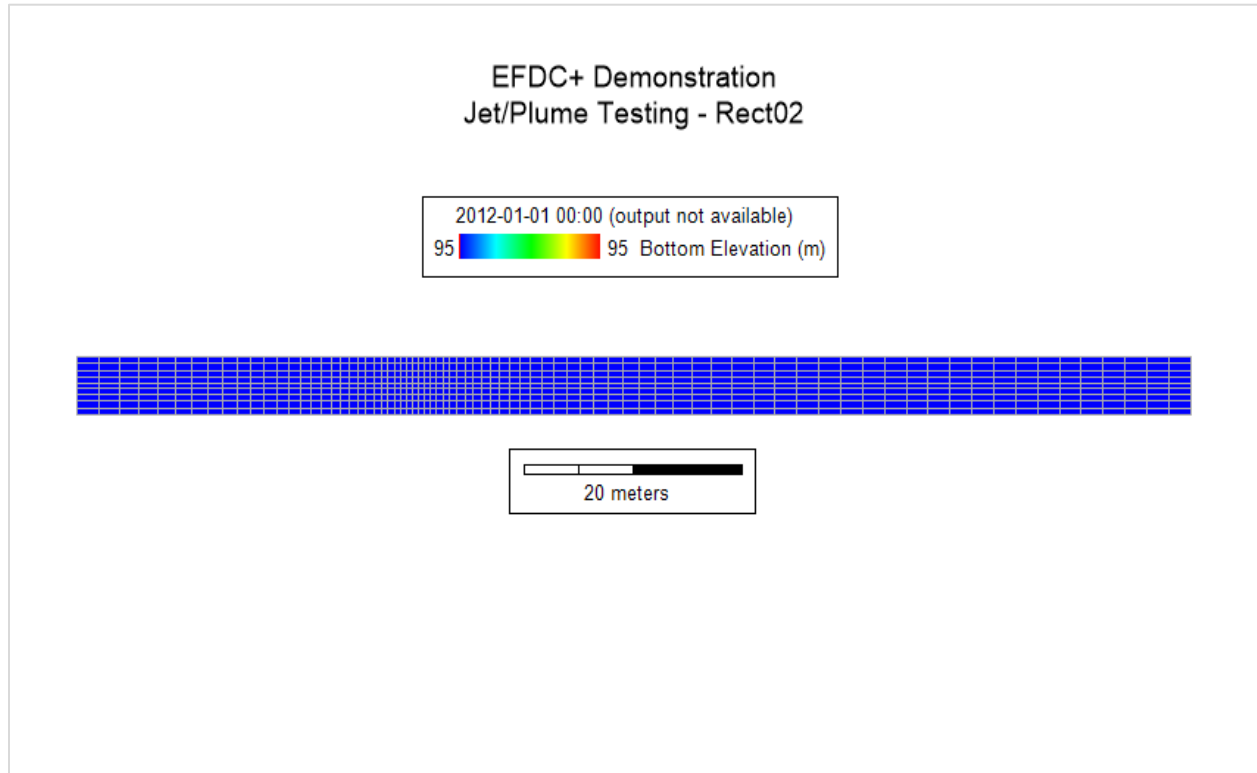**Model Grid:** 693 horizontal grid cells and 30 vertical layers

Figure 1 Model Domain of DM-00_Jetplume.

Folder Structure:

> **Model:** EFDC model that can be loaded in EE to pre- and post-process.

> **Test_record file:** This file is just a record file that informs which EFDC+ executable was used to run the model.

Modules Activated: Hydrodynamics, temperature and dye.

Description: Dye is released from a plume configured at cell location I = 31, J =7, and 10 cm above the bed. The model may be used to see an example of the various plume options in EEMS>

Disclaimer: The model is provided to our users to demonstrate that EFDC+ Explorer and EFDC+ can be used to better understand how to build this kind of model. The model is running as expected; however shouldn't be considered final as the model can be modified / refined to obtain improved results.

Files in Data Folder:
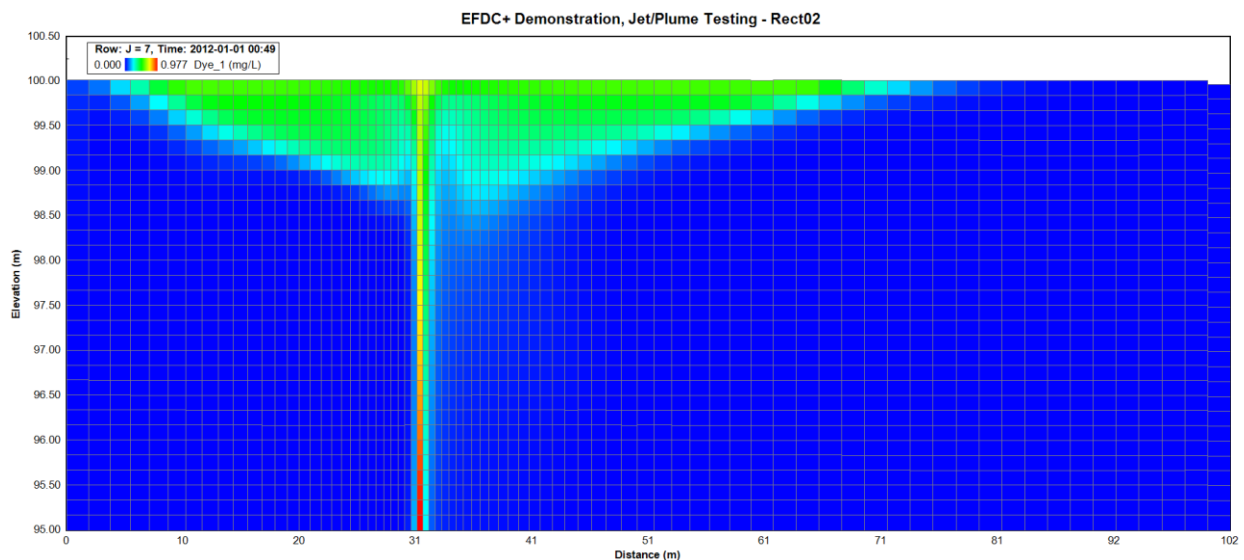
> No data folder

Model Results:

Figure 2 2D vertical slice view of dye released from DM-00_Jetplume.