

# RASPLOT

**Model Uses** RASPLOT is used to create Flood Insurance Study (FIS) profiles based on data extracts from HEC-RAS or HEC-2.

**Major Categories** Hydrology and Water Use

Subject Knowledge Level  
Intermediate

**Minor Categories** Flood

Technical Difficulty Level  
Intermediate

**Model Type** Physical Model

Geographic in Nature?  
No

## Abstract

RASPLOT is a computer program that creates a Flood Insurance Study (FIS) profile by automatically extracting data from HEC-RAS or HEC-2 input and output files. In addition, the RASPLOT program can be used to create FIS profiles for any other hydraulic model by entering the necessary data manually. The final product will be in DXF file format and a CAD program is included as part of this program to edit and print profiles, if necessary.

## Future Developments

Unknown

## Model Limitations

Unknown

## Model Features

- Can be used to create FIS profiles for any hydraulic models
- Integrates directly with import and export files of HEC-RAS and HEC-2

## Required Data Types

A Microsoft Access Database is used for data input that includes four tables: Landmarks, Panel, Working and Work Header that each include values and information associated with stream condition and associated decision making parameters.

## Model Outputs

.DXF file format that includes point profiles.

## Hardware Requirements

Mouse, Printer, SVGA Monitor

## Supported Platforms

DOS  UNIX

## Software Requirements

Windows 95/98/NT/2000

Windows  Macintosh

## Cost, Licensing and Availability

Free - Available from link below

## Source

Federal Emergency Management Agency

## Source URL

[http://www.fema.gov/fhm/frm\\_soft.shtm](http://www.fema.gov/fhm/frm_soft.shtm)