

## RMS

**Model Uses** RMS is used to compute water surface profiles for modeling various hydrologic features.

**Major Categories** Hydrology and Water Use

**Subject Knowledge Level**  
Basic

**Minor Categories** Surface Water

**Technical Difficulty Level**  
Intermediate

**Model Type** Physical Model

**Geographic in Nature?**  
Yes

### **Abstract**

BOSS RMS (River Modeling System) utilizes the power of AutoCAD for computing water surface profiles for modeling bridges, bridge scour, culverts, weirs, spillways, levees, floodway delineation, floodplain reclamation, stream diversions, channel improvements, and split flows.

### **Future Developments**

RMS for Windows XP

### **Model Limitations**

Unknown

### **Model Features**

- HEC-RAS Interface Module
- HEC-2 Interface Module
- Floodplain Mapping Module
- DEM Interface Module
- GIS Interface Module
- 3D Visualization Module
- CurveFIT Utility
- Built-in Model Checker

### **Required Data Types**

Combination of DEMs, DLGs and data inputs similar to those needed for HEC.

### **Model Outputs**

Results can be post processed in an animation program.

### **Hardware Requirements**

None specified

DOS

### **Supported Platforms**

UNIX

### **Software Requirements**

None specified

Windows

Macintosh

### **Cost, Licensing and Availability**

Pricing is based on desired modules. Visit link below for more information.

### **Source**

BOSS International

### **Source URL**

[http://www.bossintl.com/html/rms\\_details.html](http://www.bossintl.com/html/rms_details.html)