

Feature List - October 2022

New/Updated in Flood Modeller 6.1

FEATURES		LITE	STANDARD	PROFESSIONAL	UNLIMITED
1D River Solver	HYDRAULICS	40 Nodes	400 Nodes	1,000 Nodes	Unlimited Nodes
1D Urban Solver		40 Nodes	400 Nodes	1,000 Nodes	Unlimited Nodes
2D ADI Solver <div></div>		500,000 Cells	1,000,000 Cells	3,000,000 Cells	Unlimited Cells
2D TVD Solver <div></div>		-	1,000,000 Cells	3,000,000 Cells	Unlimited Cells
2D FAST Solver <div></div>		-	1,000,000 Cells	3,000,000 Cells	Unlimited Cells
2D GPU Solver <div></div>		-	-	3,000,000 Cells	Unlimited Cells
1D-2D Linking		✓	✓	✓	✓
TUFLOW Linking*		-	-	✓	✓
Structure Types		40+	40+	40+	40+
Boundary Types <div></div>		12+	12+	12+	12+
1D Water Quality	HYDROLOGY	40 Nodes	400 Nodes	1,000 Nodes	Unlimited Nodes
1D Sediment Transport		40 Nodes	400 Nodes	1,000 Nodes	Unlimited Nodes
Generic Methods		✓	✓	✓	✓
FEH <div></div>		✓	✓	✓	✓
ReFH/Urban ReFH		✓	✓	✓	✓
Green-Ampt		✓	✓	✓	✓
US SCS		✓	✓	✓	✓
FSSR		✓	✓	✓	✓
ReFH2		✓	✓	✓	✓
FSU		✓	✓	✓	✓
1D River Model Health Checker	SIMULATION	✓	✓	✓	✓
Batch Runner		✓	✓	✓	✓
Multiple 2D Domains		✓	✓	✓	✓
Simulation Instances		1	2	3	4
Logical Rules (1D River only)		✓	✓	✓	✓
Probabilistic ReFH		✓	✓	✓	✓
Optimal Storm Duration <div></div>		✓	✓	✓	✓
Flood Event Duration <div></div>		✓	✓	✓	✓
1D River Results Extractor		✓	✓	✓	✓
Additional Simulation Outputs		✓	✓	✓	✓
Flood Cloud*	DATA	-	-	✓	✓
Web Mapping Services		✓	✓	✓	✓
Web Feature Services <div></div>		✓	✓	✓	✓
Online Base Mapping	USER INTERFACE	✓	✓	✓	✓
Model Building		✓	✓	✓	✓
Multi Monitor Support		✓	✓	✓	✓
Dockable Work Canvas		✓	✓	✓	✓
Data Management <div></div>		✓	✓	✓	✓
Catalogue Tool	ANALYSIS AND MAPPING	✓	✓	✓	✓
GIS Capabilities		✓	✓	✓	✓
Viewing Capability		✓	✓	✓	✓
Tabular Reporting		✓	✓	✓	✓
Graphical Reporting		✓	✓	✓	✓
Map Production		✓	✓	✓	✓
Animation Production		✓	✓	✓	✓
UMap Uncertainty Analysis		✓	✓	✓	✓
Damage Calculator		✓	✓	✓	✓
Export to Flood Viewer		✓	✓	✓	✓
Export to Google Earth	AUTOMATION	✓	✓	✓	✓
1D Flood Calculator		✓	✓	✓	✓
2D Flood Calculator		✓	✓	✓	✓
TIN Creation		✓	✓	✓	✓
Intelligent Build		✓	✓	✓	✓
Auto-Interpolate		✓	✓	✓	✓
1D-2D Link Generator		✓	✓	✓	✓
Simulation Builder		✓	✓	✓	✓
HEC-RAS Import		✓	✓	✓	✓
EACSD Import		✓	✓	✓	✓
Embedded Structures in 2D	INTEGRATION	✓	✓	✓	✓
1D River Network Global Edit		✓	✓	✓	✓
1D Urban Network Global Edit		✓	✓	✓	✓
2D Modelling Component Edit		✓	✓	✓	✓
Third-Party Cloud		✓	✓	✓	✓
Third-Party Software		✓	✓	✓	✓
Delft-FEWS Adapter		✓	✓	✓	✓
Python API		✓	✓	✓	✓
Open File Structure		✓	✓	✓	✓

*Available as an add-on.