

Static FIM Services

Comparison Table (Public Domain)

FIM Service	Stage-Based CatFIM	Partner FIM
Data Type	Static	Static
Flood Levels Availability	NWS Flood Thresholds (Action, Minor, Moderate, Major, Record) Incremental FIM (1.0 ft. intervals measured from Action Stage up to 5.0 ft. beyond Major Stage)	NWS Flood Thresholds (Action, Minor, Moderate, Major, Record) Plus one foot or less intervals up to Record Stage/Flow
Mapping Technology	HAND Input (stage)	Hydraulic Modeling (HEC-RAS) or other FEMA-approved models
Availability	NWPS Forecast Points (limited to sites with 1.0 ft. Or less in vertical datum error)	NWPS Forecast Points
Mapping Extent	5 miles upstream & downstream from gage location considering no change in stream order	Location-specific (2 miles up to 20 miles) dependent on hydrology & validation datasets
When to Use	For emergency & IDSS planning on “blue-sky” days, public flood risk awareness, event-based decision-making, and assessing HAND accuracy and SRC error	For emergency & IDSS planning on “blue-sky” days, public flood risk awareness, and event-based decision-making

