Dynamic FIM Services Comparison Table [Public Domain]

FIM Service	NWM Latest Analysis FIM	RFC 5-Day Maximum Forecast FIM	NWM NBM 5-Day Maximum Forecast FIM
Data Type	Observation-Based Simulations [precipitation estimate and assimilated with USGS gage observations]	Forecast [5-day RFC forecasts]	Forecast [5-day NBM QPF]
Total Latency	55 Minutes	45 Minutes	6 Hours 30 Minutes
Update Frequency	Hourly	Hourly [if new forecasts are available]	Every 6 hours
FIM Domain	NWM Domain for FIM 30%	Downstream of NWPS Forecast Points for FIM 30%	NWM Domain for FIM 30%
When to Use	Use as a snapshot of the most recent modeled inundation	Use when RFC forecast is available	Use for rivers and streams not covered by RFC forecast

NOAA