

**PORT OF DUBUQUE DEVELOPMENT &  
STORMWATER MANAGEMENT**

	<b>River Stage</b>	<b>MSL (1912 Elevation)</b>	<b>NGVD 29</b>	<b>Dubuque GIS (NAVD 88)</b>
Zero Gauge*	0.00	585.47	584.96	584.79
Flat Pool	6.60	592.07	591.56	591.39
Ice Harbor Control Gate (Closure policy and projected to go to river stage 17 feet.)	16.00	601.47	600.96	600.79
FEMA 100-Year Flood Elevation	17.00	602.47	601.96	601.79
Port Floodwall/Levee Top	33.00	618.47	617.96	617.79
Record Floor Elevations - 1965: "Record High" River Flood	26.81	612.28	611.77	611.60
- 2001: "Record High" River Flood	26.46	611.93	611.42	611.25
Port of Dubuque Design Hydraulic Grade Line	20.53	606.00	605.5	605.32

\* Gauge is located on the right bank at the foot of 4<sup>th</sup> Street in Dubuque, adjacent to the right abutment of the Illinois Central Railroad bridge.

<b>Datum (Feet)</b>	<b>Conversion</b>
<b>MSL 1912</b>	= NGVD29 + 0.51 Feet
	= NAVD88 + 0.68 Feet
<b>NAVD 88</b>	= NAVD88 = Dubuque GIS
	= MSL 1912 – 0.68 Feet
	= NGVD29 – 0.17 Feet
<b>NGVD 29</b>	= MSL 1912 + 0.51 Feet
	= NAVD88 + 0.17 Feet
<b>River Stage</b>	= MSL 1912 – 585.47
	= NGVD29 – 584.96
	= NAVD88 – 584.79

Revised 07.03.2013