

North Shannon

Lough Allen Canal

Levels: Lengths & Volumes

| Level Name | Water Level | Length | Est embanked length | Embankment Condition | Depth | Ave Width | Volume | Spread Radius | Overflows | Receiving Water | Intakes to Canal | Historic Flooding? | |
|---|-------------|--------|---------------------|----------------------|-------------|-----------|----------------|---------------|---|-----------------------------|---|---|--|
| | mOD | km | (m) | | m | m | m ³ | m | | | | | |
| | | | | | (will vary) | (approx) | | | | | | | |
| Battlebridge to Drumleague | 46.45 | 2.67 | 2400 | Fair | 1.80 | 12 | 57672 | 271 | Manually Operated Lock Gate Racks at Battlebridge | River Shannon | Intake from River Shannon | Monitoring and runoff of surface waters entering canal system regulates level and mitigates flooding | Battlebridge Bridge Drumleague Bridge |
| Drumleague to Drumshanbo (includes Acres Lake*) | 49.85 | 4.57 | 3180 | Fair | 1.80 | 12 | 221782 | 531 | Manually operated Lock Gate Racks at 1) Drumleague 2) Drumshanbo (available only if Lough Allen Level is below canal level) | River Shannon / Lough Allen | Intakes from 1)Lough Allen 2)Battlebridge to Drumleague | Monitoring and runoff of surface waters entering the canal system regulates level and mitigates flooding canal and Acres Lake | Drumhauver Bridge Drumshanbo Bridge |

Notes:

* Acres Lake Area is 68.37m²

Additional Volume for Acres Lake is then 68.37m² x 1.8m = 123.07m³

Jamestown Canal

Levels: Lengths & Volumes

| | | | | | | | | | | | | | |
|---------------------------------|-------|------|------|------|------|----|-------|-----|--|---------------|---------------|--|---------------------------------------|
| Jamestown Canal (Lateral Canal) | 42.98 | 2.65 | 1270 | Good | 1.80 | 18 | 85860 | N/A | Lateral canal, upper level is river level. | River Shannon | River Shannon | Canal banks overtopped in 1999 and 2009. Protective dam required during high floods in 1999 and 2009 | Ardnaffrin Bridge Corralara Bridge |
|---------------------------------|-------|------|------|------|------|----|-------|-----|--|---------------|---------------|--|---------------------------------------|