

BETHULIE DAM

COORDINATES (degrees, minutes, seconds)

| LATITUDE | LONGITUDE |
|---------------|---------------|
| 30° 29' 16" S | 25° 58' 26" E |

LOCATION

Bethulie Dam is located near the town of Bethulie on the Bethulie Spruit, which is a tributary of the Orange River flowing directly into Gariep Dam. It is located in quaternary D35A in South Africa.

DESCRIPTION

Bethulie Dam is an arch dam, with a spillway capacity of 370 m³/s.

PURPOSE

Bethulie Dam is used for water supply to the town of Bethulie.

PHYSICAL INFORMATION

| Dam name | River | Quaternary catchment | FSC* (million m ³) | FSA (km ²) | Owner | DWA code | Wall height (m) | Wall length (m) |
|----------|-----------------|----------------------|--------------------------------|------------------------|-----------------------|----------|-----------------|-----------------|
| Bethulie | Bethulie Spruit | D35A | 1.97 | 1.13 | Bethulie Municipality | D3R001 | 23 | 134 |

* Live full supply capacity (SANCOLD, 2009)

| Year of completion | Demands/abstractions (million m ³ /a) | | | 1:50 yield (million m ³ /a) |
|--------------------|--|------------|---------|--|
| | Domestic | Irrigation | Other | |
| 1921 | Unknown | Unknown | Unknown | Unknown |



Bethulie Dam (source: SA Dept of Water Affairs)

