

# SAULSPOORT DAM

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE
28° 13' 22" S	28° 22' 44" E

## LOCATION

Saulspoord Dam is located in quaternary catchment C83A in the Upper Vaal Water Management Area in South Africa.

## DESCRIPTION

Saulspoord Dam is a concrete dam. The dam has a full supply level of 1,627.3 m. The dead storage level and bottom of the reservoir are at 1,616.8 m.

## PURPOSE

Saulspoord Dam is used for domestic water supply for Bethlehem.

## PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m <sup>3</sup> )	FSA (km <sup>2</sup> )	Owner	DWA code	Wall height (m)	Wall length (m)
Saulspoord	Liebenbergsvlei	C83A	16.87	3.99	Bethlehem Municipality	C8R004	24	133

\* Live full supply capacity (ORASECOM, 2007a, WRYM datasets and DWA, 1990)



Saulspoord Dam (source: SA Dept of Water Affairs)



## SAULSPOORT DAM

Year of completion	Demands/abstractions (million m <sup>3</sup> /a)			1:50 yield (million m <sup>3</sup> /a)	Maximum spillway capacity (m <sup>3</sup> /s)
	Domestic	Irrigation	Other		
1971	Unknown	Unknown	Unknown	Unknown	1,800

## AREA-CAPACITY RELATIONSHIP

Elevation (m)	Storage (million m <sup>3</sup> )	Surface area (km <sup>2</sup> )
1,628	19.89	4.43
1,627	16.87	3.99
1,625	9.39	2.68
1,623	4.90	1.91
1,621	1.77	1.22
1,619	0.19	0.45
1,618	0.01	0.03
1,617	0.00	0.00

