

# POTCHEFSTROOM DAM

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE
26° 40' 04" S	27° 05' 45" E

## LOCATION

Potchefstroom Dam is located in quaternary catchment C23H in the Upper Vaal Water Management Area in South Africa.

## DESCRIPTION

It has a full supply level of 1,346.1 m. The dead storage level and bottom of the reservoir are at 1,340.0 m.

## PURPOSE

Irrigation.

## 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)
Potchefstroom Dam	Sand	C23H	2.00	0.80	DWA	C2R004	Unknown	Unknown

\* Live full supply capacity (DWA, 1990)



Potchefstroom Dam (source: SA Dept of Water Affairs)



## POTCHEFSTROOM 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		
1968	Unknown	12.60 †	Unknown	Unknown	Unknown

† DWA, Directorate of Hydrological Services correspondence, 2012

## AREA-CAPACITY RELATIONSHIP

Elevation (m)	Storage (million m <sup>3</sup> )	Surface area (km <sup>2</sup> )
1,346.1	2.03	0.77
1,345.8	1.82	0.73
1,345.8	1.79	0.72
1,345.4	1.52	0.67
1,345.0	1.26	0.63
1,344.6	1.03	0.56
1,343.5	0.51	0.40
1,342.8	0.26	0.32
1,340.0	0.00	0.00

