

BOSKOP DAM

COORDINATES (DEGREES, MINUTES, SECONDS)

LATITUDE	LONGITUDE
26°33'40" S	27°06'42" E

LOCATION

Boskop Dam is located in quaternary catchment C23G in the Middle Vaal Water Management Area in South Africa.

DESCRIPTION

Boskop Dam is a gravity concrete with earthfill flanks dam. It has a full supply level of 1 386.9 m, a dead storage level of 1 374.8 m and the bottom of reservoir is at 1 372.0 m.

PURPOSE

Boskop Dam is used for irrigation and water supply.

PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m ³)	SA (km ²)	Owner	DWA code	Wall height (m)	Wall length (m)
Boskop	Mooi	C23G	20.9	3.8	DWA	C2R001	33	823

* Live full supply capacity (SANCOLD)



Boskop Dam (source: SA Dept of Water Affairs)



BOSKOP DAM

Year of completion	Demands/abstractions (million m ³ /a)			1:50 yield (million m ³ /a)	Maximum spillway capacity (m ³ /s)
	Domestic	Irrigation	Other		
1958	Unknown	Unknown	Unknown	Unknown	Unknown

AREA-CAPACITY RELATIONSHIP

Elevation (m)	Storage (million m ³)	Surface area (km ²)
1 388	24.197	4.289
1 387	20.854	3.769
1 386	17.578	3.362
1 384	11.693	2.571
1 382	7.210	1.949
1 380	3.961	1.337
1 378	1.810	0.807
1 376	0.696	0.400
1 375	0.297	0.263
1 372	0.000	0.000

OPERATING RULE

Boskop, Klerkskraal and Lakeside Dams are part of the Mooi River sub-system, as well as Klipdrif Dam, which is located on the Loopspruit River, which is a tributary of the Mooi River. These dams are operated to allow for supply of their demands until the dams reach their respective minimum operating levels. The sub-system does not support Vaal or the Bloemhof sub-system.

