



# KOPPIES DAM

COORDINATES (degrees, minutes, seconds)

LATITUDE	LONGITUDE
27°10'24" S	25°20'10" E

## LOCATION

Koppies Dam is located on the Renoster River, South Africa, in quaternary catchment C70C.

## DESCRIPTION

Koppies Dam has a gravity concrete wall with earthfill flanks. It has a full supply level of 1 412.4 m, a dead storage level of 1 408.0 m, and the bottom of reservoir is at 1 406.5 m.

## PURPOSE

Koppies Dam is used to supply irrigation demands.

## PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m <sup>3</sup> )	SA (km <sup>2</sup> )	Owner	DWA code	Wall height (m)	Wall length (m)
Koppies	Renoster	C70C	41.05	13.622	DWA	C7R001	25	2 309

\* Live full supply capacity (SANCOLD)



Koppies Dam (source: SA Dept of Water Affairs)



## KOPPIES DAM

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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		
1918	Unknown	4.6 †	Unknown	9.8 ‡	1 420

† From Reservoir records for 2008 hydrological year

‡ Water Resource Situation Assessment (SSI Engineers and Environmental Consultants)

## OPERATING RULE

The Koppies Dam operating rule allows for the dam to supply its demands until it reaches its defined minimum operating level.

