

Surwal Dam

Location	26.0803° N, 76.3417° E
State	Rajasthan
Nearest City	S.Madhopur
Year of Completion	1958
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gambhir
Dam Type	Earthfill Embankment
Height above lowest foundation level	32.0 m
Dam length	3390.0 m
Reservoir Area	9850000.0 m ²
Gross storage capacity	25983000.0 m ³
Effective storage capacity	25540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	8.9 km
Basin Length	2922.5 m
Form factor	0.48053
Circularity ratio	0.64809
Elongation ratio	0.78193
Highest Stream order	4
Max elevation	256.0 m
Min elevation	246.0 m
Mean bifurcation ratio	4.0300
Stream frequency	93.5620 per km ²
Relief	10.00 m
Drainage density	13.1890 km/km ²
Length of overland flow	37.910 m

CATCHMENT CLIMATOLOGY

