

Girwar Dam

Location	24.5242° N, 72.6392° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	1977
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	West Banas
Dam Type	Other
Height above lowest foundation level	13.0 m
Dam length	875.0 m
Reservoir Area	880000.0 m ²
Gross storage capacity	2400000.0 m ³
Effective storage capacity	2261800.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.3 km ²
Perimeter of catchment	19.5 km
Basin Length	4522.4 m
Form factor	0.84577
Circularity ratio	0.57408
Elongation ratio	1.03740
Highest Stream order	6
Max elevation	597.0 m
Min elevation	251.0 m
Mean bifurcation ratio	6.7670
Stream frequency	83.1330 per km ²
Relief	346.00 m
Drainage density	11.6990 km/km ²
Length of overland flow	42.738 m

CATCHMENT CLIMATOLOGY

