

## Devsar Dam

Location	23.3769° N, 69.3200° E
State	Gujarat
Nearest City	Nakhatrana
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local River
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	1430.0 m
Reservoir Area	270461.0 m <sup>2</sup>
Gross storage capacity	1110000.0 m <sup>3</sup>
Effective storage capacity	1110000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.9 km <sup>2</sup>
Perimeter of catchment	27.8 km
Basin Length	10625.0 m
Form factor	0.26516
Circularity ratio	0.48526
Elongation ratio	0.58085
Highest Stream order	6
Max elevation	253.0 m
Min elevation	84.0 m
Mean bifurcation ratio	2.1318
Stream frequency	75.8980 per km <sup>2</sup>
Relief	169.00 m
Drainage density	10.0650 km/km <sup>2</sup>
Length of overland flow	49.675 m

## CATCHMENT CLIMATOLOGY

