

Vavar Dam

Location	22.9658° N, 69.8589° E
State	Gujarat
Nearest City	Mundra
Year of Completion	1980
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	1240.0 m
Reservoir Area	2959000.0 m ²
Gross storage capacity	726000.0 m ³
Effective storage capacity	640000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	16.1 km
Basin Length	6041.8 m
Form factor	0.29097
Circularity ratio	0.51515
Elongation ratio	0.60846
Highest Stream order	4
Max elevation	80.0 m
Min elevation	32.0 m
Mean bifurcation ratio	2.3347
Stream frequency	76.3570 per km ²
Relief	48.00 m
Drainage density	10.0300 km/km ²
Length of overland flow	49.849 m

CATCHMENT CLIMATOLOGY

Data not available.