

Dholidhaja(W- Bhogavo li) Dam

Location	22.7242° N, 71.6011° E
State	Gujarat
Nearest City	Wadhram
Year of Completion	1963
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Bhogavo
Dam Type	Other
Height above lowest foundation level	17.0 m
Dam length	3523.0 m
Reservoir Area	6130000.0 m ²
Gross storage capacity	23350000.0 m ³
Effective storage capacity	17000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	641.3 km ²
Perimeter of catchment	163.7 km
Basin Length	63793.0 m
Form factor	0.15759
Circularity ratio	0.30074
Elongation ratio	0.44779
Highest Stream order	8
Max elevation	309.0 m
Min elevation	69.0 m
Mean bifurcation ratio	2.2735
Stream frequency	73.1680 per km ²
Relief	240.00 m
Drainage density	9.6460 km/km ²
Length of overland flow	51.837 m

CATCHMENT CLIMATOLOGY

