

Veradi-li Dam

Location	21.9850° N, 69.8167° E
State	Gujarat
Nearest City	Bhanvad
Year of Completion	2008
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Veradi
Dam Type	Other
Height above lowest foundation level	18.9 m
Dam length	3420.0 m
Reservoir Area	3220000.0 m ²
Gross storage capacity	9790000.0 m ³
Effective storage capacity	9567000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	125.7 km ²
Perimeter of catchment	52.2 km
Basin Length	17546.0 m
Form factor	0.40841
Circularity ratio	0.57986
Elongation ratio	0.72087
Highest Stream order	7
Max elevation	229.0 m
Min elevation	57.0 m
Mean bifurcation ratio	2.1144
Stream frequency	70.7510 per km ²
Relief	172.00 m
Drainage density	9.2890 km/km ²
Length of overland flow	53.829 m

CATCHMENT CLIMATOLOGY

