

Advana Wrs Dam

Location	21.9169° N, 69.6064° E
State	Gujarat
Nearest City	Porbandar
Year of Completion	1998
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dhrokadava Vonkla
Dam Type	Other
Height above lowest foundation level	20.1 m
Dam length	1347.0 m
Reservoir Area	1207000.0 m ²
Gross storage capacity	2613000.0 m ³
Effective storage capacity	2213000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.1 km ²
Perimeter of catchment	27.6 km
Basin Length	11468.0 m
Form factor	0.21381
Circularity ratio	0.46325
Elongation ratio	0.52158
Highest Stream order	5
Max elevation	63.0 m
Min elevation	21.0 m
Mean bifurcation ratio	2.3068
Stream frequency	72.5080 per km ²
Relief	42.00 m
Drainage density	9.4940 km/km ²
Length of overland flow	52.666 m

CATCHMENT CLIMATOLOGY

