

Shingoda 3 Dam

Location	20.8167° N, 70.7317° E
State	Gujarat
Nearest City	Kodinar
Year of Completion	2013
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Shingoda
Dam Type	Other
Height above lowest foundation level	17.8 m
Dam length	125.0 m
Reservoir Area	300000.0 m ²
Gross storage capacity	1100000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	420.5 km ²
Perimeter of catchment	144.0 km
Basin Length	49821.0 m
Form factor	0.16940
Circularity ratio	0.25488
Elongation ratio	0.46427
Highest Stream order	7
Max elevation	595.0 m
Min elevation	13.0 m
Mean bifurcation ratio	2.1342
Stream frequency	74.6750 per km ²
Relief	582.00 m
Drainage density	10.0970 km/km ²
Length of overland flow	49.519 m

CATCHMENT CLIMATOLOGY

