

Demi Iii Dam

Location	22.7422° N, 70.6111° E
State	Gujarat
Nearest City	Jodiya
Year of Completion	2001
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Demi
Dam Type	Other
Height above lowest foundation level	8.7 m
Dam length	5434.0 m
Reservoir Area	4837000.0 m ²
Gross storage capacity	9600000.0 m ³
Effective storage capacity	8470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	565.0 km ²
Perimeter of catchment	143.8 km
Basin Length	55277.0 m
Form factor	0.18490
Circularity ratio	0.34368
Elongation ratio	0.48504
Highest Stream order	7
Max elevation	168.0 m
Min elevation	18.0 m
Mean bifurcation ratio	3.5810
Stream frequency	67.8450 per km ²
Relief	150.00 m
Drainage density	8.6470 km/km ²
Length of overland flow	57.823 m

CATCHMENT CLIMATOLOGY

