

Dondi Dam

Location	22.2881° N, 70.6033° E
State	Gujarat
Nearest City	Padadhari
Year of Completion	2000
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Dondi
Dam Type	Other
Height above lowest foundation level	15.7 m
Dam length	2461.0 m
Reservoir Area	1900000.0 m ²
Gross storage capacity	3800000.0 m ³
Effective storage capacity	2912000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.2 km ²
Perimeter of catchment	40.0 km
Basin Length	15858.0 m
Form factor	0.22348
Circularity ratio	0.44150
Elongation ratio	0.53325
Highest Stream order	6
Max elevation	168.0 m
Min elevation	99.0 m
Mean bifurcation ratio	2.4583
Stream frequency	65.7260 per km ²
Relief	69.00 m
Drainage density	8.1210 km/km ²
Length of overland flow	61.571 m

CATCHMENT CLIMATOLOGY

