

Harnav li Dam

Location	23.9833° N, 73.3000° E
State	Gujarat
Nearest City	Vijaynagar
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Harnav
Dam Type	Other
Height above lowest foundation level	41.6 m
Dam length	561.0 m
Reservoir Area	3010000.0 m ²
Gross storage capacity	21670000.0 m ³
Effective storage capacity	19970000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	108.9 km ²
Perimeter of catchment	58.5 km
Basin Length	19057.0 m
Form factor	0.29979
Circularity ratio	0.40011
Elongation ratio	0.61761
Highest Stream order	6
Max elevation	747.0 m
Min elevation	314.0 m
Mean bifurcation ratio	2.3078
Stream frequency	75.3870 per km ²
Relief	433.00 m
Drainage density	10.0940 km/km ²
Length of overland flow	49.535 m

CATCHMENT CLIMATOLOGY

