

Heran Weir Dam

Location	22.1222° N, 73.8033° E
State	Gujarat
Nearest City	Chhotaudepur
Year of Completion	1962
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Heran
Dam Type	Earthfill Embankment
Height above lowest foundation level	4.9 m
Dam length	192.0 m
Reservoir Area	6530000.0 m ²
Gross storage capacity	38580000.0 m ³
Effective storage capacity	35020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	952.7 km ²
Perimeter of catchment	189.9 km
Basin Length	57670.0 m
Form factor	0.28645
Circularity ratio	0.33207
Elongation ratio	0.60371
Highest Stream order	8
Max elevation	795.0 m
Min elevation	79.0 m
Mean bifurcation ratio	2.1944
Stream frequency	75.0600 per km ²
Relief	716.00 m
Drainage density	10.1400 km/km ²
Length of overland flow	49.309 m

CATCHMENT CLIMATOLOGY

