

Harwant Dam

Location	22.2961° N, 73.9117° E
State	Gujarat
Nearest City	Chhotaudepur
Year of Completion	1982
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	T- Narmada
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.1 m
Dam length	279.0 m
Reservoir Area	454700.0 m ²
Gross storage capacity	4916000.0 m ³
Effective storage capacity	4760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.6 km ²
Perimeter of catchment	12.5 km
Basin Length	4029.1 m
Form factor	0.47107
Circularity ratio	0.61120
Elongation ratio	0.77419
Highest Stream order	4
Max elevation	167.0 m
Min elevation	118.0 m
Mean bifurcation ratio	2.4366
Stream frequency	70.4840 per km ²
Relief	49.00 m
Drainage density	9.0480 km/km ²
Length of overland flow	55.261 m

CATCHMENT CLIMATOLOGY

