

Javeshi Dam

Location	23.1103° N, 74.0736° E
State	Gujarat
Nearest City	Santrampur
Year of Completion	1986
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.5 m
Dam length	600.0 m
Reservoir Area	350000.0 m ²
Gross storage capacity	1085000.0 m ³
Effective storage capacity	938000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.7 km ²
Perimeter of catchment	12.0 km
Basin Length	3547.4 m
Form factor	0.37388
Circularity ratio	0.40873
Elongation ratio	0.68972
Highest Stream order	5
Max elevation	328.0 m
Min elevation	232.0 m
Mean bifurcation ratio	3.6546
Stream frequency	76.9400 per km ²
Relief	96.00 m
Drainage density	10.2950 km/km ²
Length of overland flow	48.565 m

CATCHMENT CLIMATOLOGY

