

Jaspara-Mandava Dam

Location	21.4717° N, 72.2008° E
State	Gujarat
Nearest City	Talaja
Year of Completion	2010
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Jaspari
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.3 m
Dam length	127.0 m
Reservoir Area	2320000.0 m ²
Gross storage capacity	3715000.0 m ³
Effective storage capacity	3177000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	46.0 km ²
Perimeter of catchment	37.3 km
Basin Length	15663.0 m
Form factor	0.18751
Circularity ratio	0.41494
Elongation ratio	0.48846
Highest Stream order	5
Max elevation	216.0 m
Min elevation	20.0 m
Mean bifurcation ratio	2.1230
Stream frequency	72.7750 per km ²
Relief	196.00 m
Drainage density	9.6670 km/km ²
Length of overland flow	51.723 m

CATCHMENT CLIMATOLOGY

Data not available.