

Ranjangaon Dam

Location	19.9000° N, 75.1133° E
State	Maharashtra
Nearest City	Gangapur
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1500.0 m
Reservoir Area	750000.0 m ²
Gross storage capacity	1940000.0 m ³
Effective storage capacity	1760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km ²
Perimeter of catchment	20.2 km
Basin Length	8081.3 m
Form factor	0.26370
Circularity ratio	0.52963
Elongation ratio	0.57925
Highest Stream order	5
Max elevation	595.0 m
Min elevation	526.0 m
Mean bifurcation ratio	2.7382
Stream frequency	76.7040 per km ²
Relief	69.00 m
Drainage density	10.1980 km/km ²
Length of overland flow	49.032 m

CATCHMENT CLIMATOLOGY

