

Rangawali Dam

Location	21.0714° N, 73.8622° E
State	Maharashtra
Nearest City	Navapur
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Rangawali
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.6 m
Dam length	1878.0 m
Reservoir Area	329000.0 m ²
Gross storage capacity	15020000.0 m ³
Effective storage capacity	12890000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.6 km ²
Perimeter of catchment	41.1 km
Basin Length	13699.0 m
Form factor	0.25348
Circularity ratio	0.35395
Elongation ratio	0.56791
Highest Stream order	6
Max elevation	704.0 m
Min elevation	211.0 m
Mean bifurcation ratio	2.5376
Stream frequency	84.1940 per km ²
Relief	493.00 m
Drainage density	12.2330 km/km ²
Length of overland flow	40.872 m

CATCHMENT CLIMATOLOGY

