

Rayangan Dam

Location	21.1294° N, 73.9222° E
State	Maharashtra
Nearest City	Nawapur
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Raingaon
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	1498.0 m
Reservoir Area	158000.0 m ²
Gross storage capacity	7780000.0 m ³
Effective storage capacity	6900000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.0 km ²
Perimeter of catchment	28.1 km
Basin Length	8907.3 m
Form factor	0.45382
Circularity ratio	0.57154
Elongation ratio	0.75989
Highest Stream order	6
Max elevation	684.0 m
Min elevation	196.0 m
Mean bifurcation ratio	3.6581
Stream frequency	84.4310 per km ²
Relief	488.00 m
Drainage density	12.1600 km/km ²
Length of overland flow	41.120 m

CATCHMENT CLIMATOLOGY

