

Nagan Dam

Location	20.7872° N, 75.8722° E
State	Maharashtra
Nearest City	Navapur
Year of Completion	2007
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Nagan
Dam Type	Other
Height above lowest foundation level	29.2 m
Dam length	2940.0 m
Reservoir Area	3510000.0 m ²
Gross storage capacity	26480000.0 m ³
Effective storage capacity	23620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.7 km ²
Perimeter of catchment	6.7 km
Basin Length	1509.0 m
Form factor	1.18030
Circularity ratio	0.76377
Elongation ratio	1.22550
Highest Stream order	4
Max elevation	356.0 m
Min elevation	301.0 m
Mean bifurcation ratio	7.1713
Stream frequency	84.8370 per km ²
Relief	55.00 m
Drainage density	11.6280 km/km ²
Length of overland flow	42.998 m

CATCHMENT CLIMATOLOGY

