

## Tumria Extension Dam

Location	29.3067° N, 78.9194° E
State	Uttarakhand
Nearest City	Kashipur
Year of Completion	1969
Operated and Maintained by	Uttarakhand Irrigation Department
River Basin	Ganga
River	Phika
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.3 m
Dam length	10000.0 m
Reservoir Area	6090000.0 m <sup>2</sup>
Gross storage capacity	80820000.0 m <sup>3</sup>
Effective storage capacity	69924000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.2 km <sup>2</sup>
Perimeter of catchment	21.4 km
Basin Length	9289.9 m
Form factor	0.26927
Circularity ratio	0.63825
Elongation ratio	0.58533
Highest Stream order	6
Max elevation	292.0 m
Min elevation	249.0 m
Mean bifurcation ratio	2.2167
Stream frequency	84.4290 per km <sup>2</sup>
Relief	43.00 m
Drainage density	11.4340 km/km <sup>2</sup>
Length of overland flow	43.729 m

## CATCHMENT CLIMATOLOGY

