

Lata Tapovan (Ntpc) Dam

Location	30.4942° N, 79.6275° E
State	Uttarakhand
Nearest City	Joshimath
Year of Completion	Not Available
Operated and Maintained by	National Thermal Power Corporation Limited
River Basin	Ganga
River	Dhauliganga.
Dam Type	Barrage
Height above lowest foundation level	24.5 m
Dam length	85.5 m
Reservoir Area	384309.0 m ²
Gross storage capacity	1540000.0 m ³
Effective storage capacity	1540000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2869.0 km ²
Perimeter of catchment	292.1 km
Basin Length	76312.0 m
Form factor	0.49267
Circularity ratio	0.42264
Elongation ratio	0.79175
Highest Stream order	9
Max elevation	6898.0 m
Min elevation	1772.0 m
Mean bifurcation ratio	2.2977
Stream frequency	108.5800 per km ²
Relief	5126.00 m
Drainage density	16.8300 km/km ²
Length of overland flow	29.708 m

CATCHMENT CLIMATOLOGY

