

Ichari Dam

Location	30.6139° N, 77.7911° E
State	Uttarakhand
Nearest City	Chakrata
Year of Completion	1972
Operated and Maintained by	Uttarakhand Jal Vidyut Nigam Limited
River Basin	Ganga
River	Yamuna.
Dam Type	Concrete Gravity or RCC
Height above lowest foundation level	59.3 m
Dam length	155.0 m
Reservoir Area	812500.0 m ²
Gross storage capacity	8930000.0 m ³
Effective storage capacity	5110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5034.9 km ²
Perimeter of catchment	419.7 km
Basin Length	121440.0 m
Form factor	0.34139
Circularity ratio	0.35932
Elongation ratio	0.65908
Highest Stream order	8
Max elevation	6204.0 m
Min elevation	627.0 m
Mean bifurcation ratio	2.3820
Stream frequency	104.9800 per km ²
Relief	5577.00 m
Drainage density	15.9740 km/km ²
Length of overland flow	31.302 m

CATCHMENT CLIMATOLOGY

