

## Karcham Dam

Location	31.4992° N, 78.1789° E
State	Himachal Pradesh
Nearest City	Kinnaur
Year of Completion	2011
Operated and Maintained by	Jaypee Group
River Basin	Indus
River	Sutlej
Dam Type	Other
Height above lowest foundation level	98.0 m
Dam length	182.5 m
Reservoir Area	588400.0 m <sup>2</sup>
Gross storage capacity	8582900.0 m <sup>3</sup>
Effective storage capacity	5449700.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47191.0 km <sup>2</sup>
Perimeter of catchment	2019.8 km
Basin Length	490700.0 m
Form factor	0.19599
Circularity ratio	0.14541
Elongation ratio	0.49937
Highest Stream order	11
Max elevation	6797.0 m
Min elevation	1845.0 m
Mean bifurcation ratio	2.6228
Stream frequency	94.8690 per km <sup>2</sup>
Relief	4952.00 m
Drainage density	13.4690 km/km <sup>2</sup>
Length of overland flow	37.121 m

## CATCHMENT CLIMATOLOGY

