

## Ranjit Sagar Dam

Location	32.4439°N, 75.7286°E
State	Punjab
Nearest City	Pathankot
Year of Completion	1999
Operated and Maintained by	Punjab Water Resources Department
River Basin	Indus
River	Ravi
Dam Type	Other
Height above lowest foundation level	160.0 m
Dam length	617.0 m
Reservoir Area	87000000.0 m <sup>2</sup>
Gross storage capacity	3280000000.0 m <sup>3</sup>
Effective storage capacity	2344000000.0 m <sup>3</sup>

## **CATCHMENT CHARACTERISTICS**

Catchment Properties	Values
Area of catchment	6147.6 km <sup>2</sup>
Perimeter of catchment	494.0 km
Basin Length	150400.0 m
Form factor	0.27178
Circularity ratio	0.31669
Elongation ratio	0.58806
Highest Stream order	9
Max elevation	5736.0 m
Min elevation	436.0 m
Mean bifurcation ratio	2.2723
Stream frequency	107.5300 per km <sup>2</sup>
Relief	5300.00 m
Drainage density	16.3310 km/km <sup>2</sup>
Length of overland flow	30.616 m

## **CATCHMENT CLIMATOLOGY**

