

Nangal Dam

Location	31.3808° N, 76.3675° E
State	Punjab
Nearest City	Nangal Township
Year of Completion	1954
Operated and Maintained by	Bhakra Beas Management Board
River Basin	Indus
River	Sutlej
Dam Type	Barrage
Height above lowest foundation level	29.0 m
Dam length	305.0 m
Reservoir Area	2340323.0 m ²
Gross storage capacity	19736000.0 m ³
Effective storage capacity	14800000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	54559.0 km ²
Perimeter of catchment	2516.8 km
Basin Length	685330.0 m
Form factor	0.11616
Circularity ratio	0.10827
Elongation ratio	0.38445
Highest Stream order	11
Max elevation	6786.0 m
Min elevation	338.0 m
Mean bifurcation ratio	2.1842
Stream frequency	94.3530 per km ²
Relief	6448.00 m
Drainage density	13.3570 km/km ²
Length of overland flow	37.434 m

CATCHMENT CLIMATOLOGY

