

Baira Siul (Nhpc) Dam

Location	32.8075° N, 76.1414° E
State	Himachal Pradesh
Nearest City	Chamba
Year of Completion	1981
Operated and Maintained by	National Hydroelectric Power Corporation
River Basin	Indus
River	Baira
Dam Type	Rock fill Embankment
Height above lowest foundation level	53.0 m
Dam length	160.0 m
Reservoir Area	152000.0 m ²
Gross storage capacity	3750000.0 m ³
Effective storage capacity	1270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	677.7 km ²
Perimeter of catchment	119.4 km
Basin Length	31250.0 m
Form factor	0.69391
Circularity ratio	0.59760
Elongation ratio	0.93964
Highest Stream order	8
Max elevation	5054.0 m
Min elevation	1085.0 m
Mean bifurcation ratio	2.6742
Stream frequency	112.3400 per km ²
Relief	3969.00 m
Drainage density	17.3080 km/km ²
Length of overland flow	28.889 m

CATCHMENT CLIMATOLOGY

