

Rangit- Iii Dam

Location	27.2944° N, 88.2922° E
State	Sikkim
Nearest City	Siliguri
Year of Completion	1999
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Brahmaputra
River	Rangit
Dam Type	Other
Height above lowest foundation level	43.0 m
Dam length	105.0 m
Reservoir Area	171000.0 m ²
Gross storage capacity	871000.0 m ³
Effective storage capacity	796000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1035.1 km ²
Perimeter of catchment	150.2 km
Basin Length	49236.0 m
Form factor	0.42698
Circularity ratio	0.57707
Elongation ratio	0.73708
Highest Stream order	8
Max elevation	7204.0 m
Min elevation	596.0 m
Mean bifurcation ratio	2.4189
Stream frequency	104.7800 per km ²
Relief	6608.00 m
Drainage density	16.3790 km/km ²
Length of overland flow	30.527 m

CATCHMENT CLIMATOLOGY

