

Tuirial Dam

Location	24.3563° N, 92.8861° E
State	Mizoram
Nearest City	Silchar
Year of Completion	2017
Operated and Maintained by	Mizoram Irrigation and Water Resources Department
River Basin	Brahmaputra
River	Tuirial
Dam Type	Other
Height above lowest foundation level	75.0 m
Dam length	700.0 m
Reservoir Area	1860000000.0 m ²
Gross storage capacity	1400000000.0 m ³
Effective storage capacity	715000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1790.1 km ²
Perimeter of catchment	285.9 km
Basin Length	111990.0 m
Form factor	0.14273
Circularity ratio	0.27528
Elongation ratio	0.42615
Highest Stream order	8
Max elevation	1870.0 m
Min elevation	44.0 m
Mean bifurcation ratio	2.2325
Stream frequency	88.4570 per km ²
Relief	1826.00 m
Drainage density	13.0890 km/km ²
Length of overland flow	38.200 m

CATCHMENT CLIMATOLOGY

