

New Umtru Hydro Electric Project Dam

Location	26.0072° N, 91.8117° E
State	Meghalaya
Nearest City	Guwahati..
Year of Completion	2017
Operated and Maintained by	Meghalaya Power Generation Corporation Limited
River Basin	Brahmaputra
River	Umtru
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.0 m
Dam length	296.9 m
Reservoir Area	3550000000000.0 m ²
Gross storage capacity	4640000.0 m ³
Effective storage capacity	2390000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1024.8 km ²
Perimeter of catchment	237.2 km
Basin Length	48605.0 m
Form factor	0.43378
Circularity ratio	0.22901
Elongation ratio	0.74293
Highest Stream order	8
Max elevation	1757.0 m
Min elevation	120.0 m
Mean bifurcation ratio	2.4328
Stream frequency	80.7530 per km ²
Relief	1637.00 m
Drainage density	11.1070 km/km ²
Length of overland flow	45.017 m

CATCHMENT CLIMATOLOGY

