

Umiam-Umtru Concrete Dam (Stage Iv), Nongkhylllem Dam

Location	25.7758° N, 91.7931° E
State	Meghalaya
Nearest City	Shillong
Year of Completion	1992
Operated and Maintained by	Meghalaya Power Generation Corporation Limited
River Basin	Brahmaputra
River	Umtru
Dam Type	Other
Height above lowest foundation level	43.0 m
Dam length	137.5 m
Reservoir Area	150000.0 m ²
Gross storage capacity	1830000.0 m ³
Effective storage capacity	810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.7 km
Basin Length	2726.5 m
Form factor	0.38180
Circularity ratio	0.60176
Elongation ratio	0.69699
Highest Stream order	4
Max elevation	740.0 m
Min elevation	626.0 m
Mean bifurcation ratio	2.8875
Stream frequency	72.9360 per km ²
Relief	114.00 m
Drainage density	8.4700 km/km ²
Length of overland flow	59.030 m

CATCHMENT CLIMATOLOGY

