

Doyang Rockfil Impervious Dam

Location	26.2297° N, 94.2614° E
State	Nagaland
Nearest City	Wokha
Year of Completion	2000
Operated and Maintained by	Nagaland Water Resources Department
River Basin	Brahmaputra
River	Doyang
Dam Type	Rock fill Embankment
Height above lowest foundation level	92.0 m
Dam length	525.0 m
Reservoir Area	19500000.0 m ²
Gross storage capacity	565000000.0 m ³
Effective storage capacity	400000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2422.9 km ²
Perimeter of catchment	302.0 km
Basin Length	94409.0 m
Form factor	0.27183
Circularity ratio	0.33396
Elongation ratio	0.58811
Highest Stream order	9
Max elevation	2964.0 m
Min elevation	272.0 m
Mean bifurcation ratio	2.2794
Stream frequency	94.3080 per km ²
Relief	2692.00 m
Drainage density	14.2290 km/km ²
Length of overland flow	35.139 m

CATCHMENT CLIMATOLOGY

