

Phutoon Dam

Location	23.7947° N, 74.1725° E
State	Rajasthan
Nearest City	Phutoon
Year of Completion	1975
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
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Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	756.0 m
Reservoir Area	104400.0 m ²
Gross storage capacity	3360000.0 m ³
Effective storage capacity	3050000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15956.0 km ²
Perimeter of catchment	1100.6 km
Basin Length	177830.0 m
Form factor	0.50455
Circularity ratio	0.16556
Elongation ratio	0.80123
Highest Stream order	10
Max elevation	998.0 m
Min elevation	124.0 m
Mean bifurcation ratio	3.8645
Stream frequency	74.1000 per km ²
Relief	874.00 m
Drainage density	9.8920 km/km ²
Length of overland flow	50.546 m

CATCHMENT CLIMATOLOGY

