

Moongthala Dam

Location	24.5078° N, 72.7150° E
State	Rajasthan
Nearest City	Abu Road
Year of Completion	1989
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	West Banas
Dam Type	Other
Height above lowest foundation level	10.3 m
Dam length	1372.0 m
Reservoir Area	974000.0 m ²
Gross storage capacity	2700000.0 m ³
Effective storage capacity	1256000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km ²
Perimeter of catchment	7.7 km
Basin Length	3042.8 m
Form factor	0.37992
Circularity ratio	0.74751
Elongation ratio	0.69527
Highest Stream order	5
Max elevation	778.0 m
Min elevation	252.0 m
Mean bifurcation ratio	6.0307
Stream frequency	101.2100 per km ²
Relief	526.00 m
Drainage density	14.1660 km/km ²
Length of overland flow	35.295 m

CATCHMENT CLIMATOLOGY

