

Paibala Pura Dam

Location	25.6989° N, 75.8739° E
State	Rajasthan
Nearest City	Nanwa
Year of Completion	1957
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Mej River
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	3644.5 m
Reservoir Area	9400000.0 m ²
Gross storage capacity	12960000.0 m ³
Effective storage capacity	10000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	44.8 km ²
Perimeter of catchment	38.5 km
Basin Length	12881.0 m
Form factor	0.27030
Circularity ratio	0.38045
Elongation ratio	0.58645
Highest Stream order	5
Max elevation	320.0 m
Min elevation	261.0 m
Mean bifurcation ratio	2.0857
Stream frequency	76.8810 per km ²
Relief	59.00 m
Drainage density	10.0760 km/km ²
Length of overland flow	49.621 m

CATCHMENT CLIMATOLOGY

