

Palasdeo Dam

Location	18.2136° N, 74.8678° E
State	Maharashtra
Nearest City	Indapur
Year of Completion	1953
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	518.0 m
Reservoir Area	750000.0 m ²
Gross storage capacity	2690000.0 m ³
Effective storage capacity	2520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	47.1 km ²
Perimeter of catchment	29.6 km
Basin Length	8558.4 m
Form factor	0.64282
Circularity ratio	0.67641
Elongation ratio	0.90439
Highest Stream order	6
Max elevation	608.0 m
Min elevation	485.0 m
Mean bifurcation ratio	2.3257
Stream frequency	77.2230 per km ²
Relief	123.00 m
Drainage density	10.8900 km/km ²
Length of overland flow	45.915 m

CATCHMENT CLIMATOLOGY

