

Paleshwar Dam

Location	16.8947° N, 73.8728° E
State	Maharashtra
Nearest City	Shahuwadi
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Shahli
Dam Type	Earthfill Embankment
Height above lowest foundation level	42.1 m
Dam length	542.0 m
Reservoir Area	646500.0 m ²
Gross storage capacity	9120000.0 m ³
Effective storage capacity	8920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.6 km ²
Perimeter of catchment	22.4 km
Basin Length	7978.5 m
Form factor	0.29275
Circularity ratio	0.46577
Elongation ratio	0.61032
Highest Stream order	5
Max elevation	1021.0 m
Min elevation	615.0 m
Mean bifurcation ratio	2.7664
Stream frequency	89.6130 per km ²
Relief	406.00 m
Drainage density	13.6550 km/km ²
Length of overland flow	36.616 m

CATCHMENT CLIMATOLOGY

