

Palkhed Dam

Location	20.1892° N, 73.8878° E
State	Maharashtra
Nearest City	Dindori.
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kadva
Dam Type	Earthfill Embankment
Height above lowest foundation level	34.8 m
Dam length	4110.0 m
Reservoir Area	56600000.0 m ²
Gross storage capacity	20130000.0 m ³
Effective storage capacity	18490000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	831.8 km ²
Perimeter of catchment	130.4 km
Basin Length	35714.0 m
Form factor	0.65214
Circularity ratio	0.61537
Elongation ratio	0.91092
Highest Stream order	8
Max elevation	1215.0 m
Min elevation	576.0 m
Mean bifurcation ratio	3.0558
Stream frequency	78.0020 per km ²
Relief	639.00 m
Drainage density	10.9800 km/km ²
Length of overland flow	45.538 m

CATCHMENT CLIMATOLOGY

