

Vidrupa Dam

Location	19.8872° N, 76.3161° E
State	Maharashtra
Nearest City	Shindkhed Raja
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Vidrupa
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.4 m
Dam length	690.0 m
Reservoir Area	176000.0 m ²
Gross storage capacity	4566000.0 m ³
Effective storage capacity	3411000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	65.5 km ²
Perimeter of catchment	36.2 km
Basin Length	12567.0 m
Form factor	0.41484
Circularity ratio	0.62827
Elongation ratio	0.72652
Highest Stream order	6
Max elevation	607.0 m
Min elevation	505.0 m
Mean bifurcation ratio	2.2262
Stream frequency	77.5280 per km ²
Relief	102.00 m
Drainage density	10.8860 km/km ²
Length of overland flow	45.932 m

CATCHMENT CLIMATOLOGY

