

Narayanapura Dam

Location	16.2239° N, 76.3447° E
State	Karnataka
Nearest City	Muddevihal
Year of Completion	1982
Operated and Maintained by	Karnataka Water Resources Department
River Basin	Krishna
River	Krishna
Dam Type	Composite Other
Height above lowest foundation level	29.7 m
Dam length	10637.5 m
Reservoir Area	134500000.0 m ²
Gross storage capacity	943281000.0 m ³
Effective storage capacity	740000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.9 km ²
Perimeter of catchment	8.2 km
Basin Length	3307.0 m
Form factor	0.26164
Circularity ratio	0.52866
Elongation ratio	0.57698
Highest Stream order	4
Max elevation	507.0 m
Min elevation	462.0 m
Mean bifurcation ratio	2.4360
Stream frequency	79.6790 per km ²
Relief	45.00 m
Drainage density	10.9030 km/km ²
Length of overland flow	45.858 m

CATCHMENT CLIMATOLOGY

