

Patadungri Dam

Location	22.7253° N, 74.2850° E
State	Gujarat
Nearest City	Dahod
Year of Completion	1974
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Khan
Dam Type	Other
Height above lowest foundation level	25.3 m
Dam length	199.0 m
Reservoir Area	10000000.0 m ²
Gross storage capacity	41000000.0 m ³
Effective storage capacity	39620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	250.4 km ²
Perimeter of catchment	80.9 km
Basin Length	19471.0 m
Form factor	0.66042
Circularity ratio	0.48033
Elongation ratio	0.91668
Highest Stream order	7
Max elevation	513.0 m
Min elevation	316.0 m
Mean bifurcation ratio	2.3319
Stream frequency	72.8620 per km ²
Relief	197.00 m
Drainage density	9.6010 km/km ²
Length of overland flow	52.079 m

CATCHMENT CLIMATOLOGY

