

## Patirajam Project, Jellella (V) Dam

Location	18.2783° N, 78.8042° E
State	Telangana
Nearest City	Sircilla
Year of Completion	Not Available
Operated and Maintained by	Telangana Irrigation and CAD Department
River Basin	Godavari
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.1 m
Dam length	860.0 m
Reservoir Area	287300.0 m <sup>2</sup>
Gross storage capacity	1518000.0 m <sup>3</sup>
Effective storage capacity	1518000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km <sup>2</sup>
Perimeter of catchment	7.9 km
Basin Length	2945.6 m
Form factor	0.32576
Circularity ratio	0.57336
Elongation ratio	0.64381
Highest Stream order	4
Max elevation	435.0 m
Min elevation	385.0 m
Mean bifurcation ratio	2.8044
Stream frequency	81.0200 per km <sup>2</sup>
Relief	50.00 m
Drainage density	10.5550 km/km <sup>2</sup>
Length of overland flow	47.373 m

## CATCHMENT CLIMATOLOGY

