

Pachanpura Dam

| | |
|--------------------------------------|--------------------------------------|
| Location | 25.0700° N, 75.2872° E |
| State | Rajasthan |
| Nearest City | Mandal Garh |
| Year of Completion | 1990 |
| Operated and Maintained by | Rajasthan Water Resources Department |
| River Basin | Ganga |
| River | Local Nalla |
| Dam Type | Other |
| Height above lowest foundation level | 14.7 m |
| Dam length | 905.0 m |
| Reservoir Area | 2515000.0 m ² |
| Gross storage capacity | 10050000.0 m ³ |
| Effective storage capacity | 9280000.0 m ³ |

CATCHMENT CHARACTERISTICS

| Catchment Properties | Values |
|-------------------------|-----------------------------|
| Area of catchment | 63.7 km ² |
| Perimeter of catchment | 38.2 km |
| Basin Length | 11532.0 m |
| Form factor | 0.47910 |
| Circularity ratio | 0.54911 |
| Elongation ratio | 0.78077 |
| Highest Stream order | 7 |
| Max elevation | 597.0 m |
| Min elevation | 490.0 m |
| Mean bifurcation ratio | 2.1911 |
| Stream frequency | 77.2630 per km ² |
| Relief | 107.00 m |
| Drainage density | 10.3060 km/km ² |
| Length of overland flow | 48.514 m |

CATCHMENT CLIMATOLOGY

