

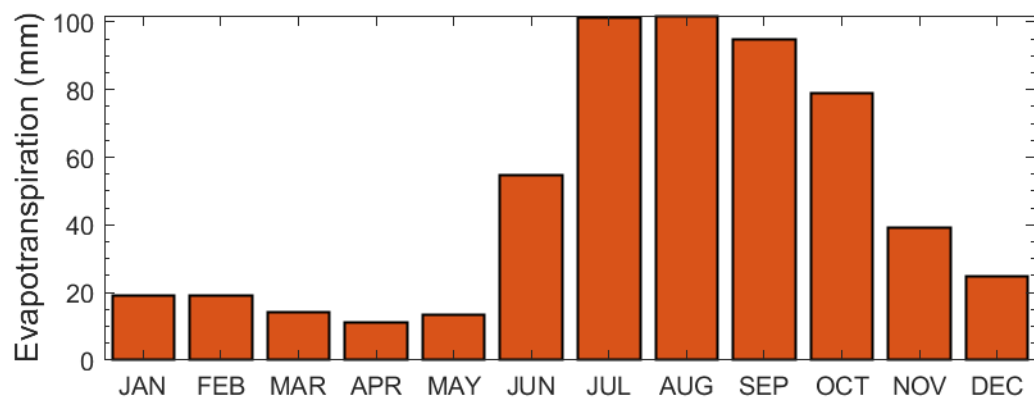
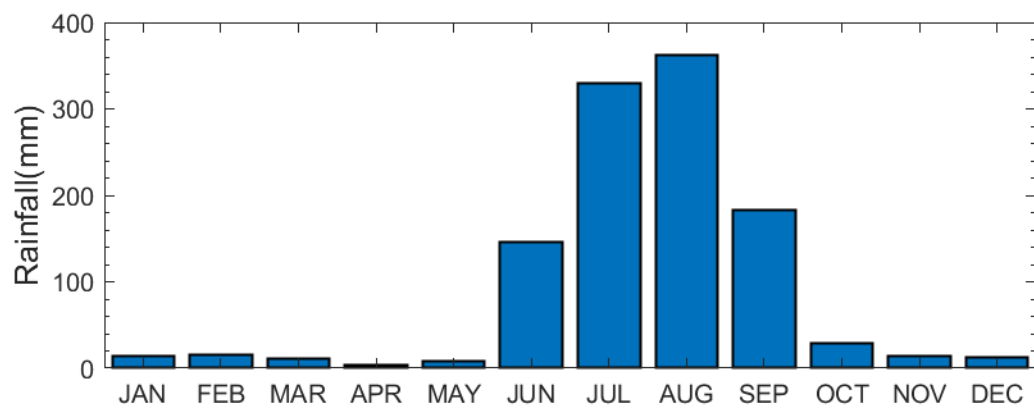
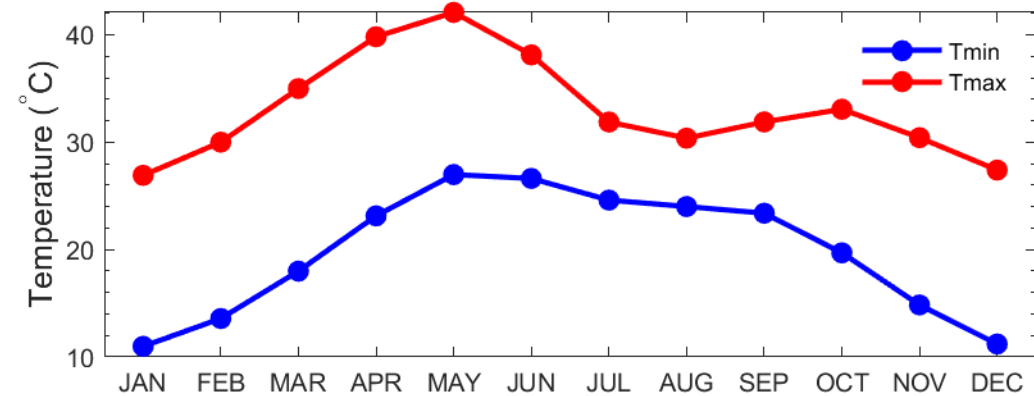
## Pipariya Kala Dam

|                                      |   |
|--------------------------------------|---|
| Location                             | 22.8842° N, 79.1842° E                    |
| State                                | Madhya Pradesh                            |
| Nearest City                         | Chhindwara                                |
| Year of Completion                   | 1977                                      |
| Operated and Maintained by           | Madhya Pradesh Water Resources Department |
| River Basin                          | Narmada                                   |
| River                                | Local                                     |
| Dam Type                             | Earthfill Embankment                      |
| Height above lowest foundation level | 15.4 m                                    |
| Dam length                           | 226.0 m                                   |
| Reservoir Area                       | 29893.0 m <sup>2</sup>                    |
| Gross storage capacity               | 434000.0 m <sup>3</sup>                   |
| Effective storage capacity           | m <sup>3</sup>                            |

## CATCHMENT CHARACTERISTICS

| Catchment Properties    | Values                      |
|-------------------------|-----------------------------|
| Area of catchment       | 106.5 km <sup>2</sup>       |
| Perimeter of catchment  | 51.2 km                     |
| Basin Length            | 16925.0 m                   |
| Form factor             | 0.37188                     |
| Circularity ratio       | 0.51039                     |
| Elongation ratio        | 0.68788                     |
| Highest Stream order    | 7                           |
| Max elevation           | 583.0 m                     |
| Min elevation           | 353.0 m                     |
| Mean bifurcation ratio  | 5.0866                      |
| Stream frequency        | 73.2660 per km <sup>2</sup> |
| Relief                  | 230.00 m                    |
| Drainage density        | 9.6010 km/km <sup>2</sup>   |
| Length of overland flow | 52.078 m                    |

## CATCHMENT CLIMATOLOGY



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