**Konambe water budget**

**The amount of water available from rainfall is 13345.86 TCM**

**Total runoff is 2227.194243 TCM**

**Amount of water for domestic details**

The Total annual water requirement for 3112 Human population is 62.4734 TCM

The Total annual water requirement for 3000 Cattle population is 38.325 TCM

The Total annual water requirement for 700 Sheep population is 1.2775 TCM

The Total annual water requirement for 0 Poultry population is 0.0 TCM

**Total crop water requirement of kharif crops**

Water required for Carrot in June is 270 TCM

Water required for Carrot in July is 369 TCM

Water required for Carrot in August is 475 TCM

Water required for Carrot in September is 495 TCM

Water required for Carrot in October is 479 TCM

Total water required for Carrot in 360 hectares of land is 2090 TCM

Water required for Soybean in June is 304 TCM

Water required for Soybean in July is 496 TCM

Water required for Soybean in August is 581 TCM

Water required for Soybean in September is 596 TCM

Water required for Soybean in October is 372 TCM

Total water required for Soybean in 420 hectares of land is 2351 TCM

Water required for Tomato in June is 123 TCM

Water required for Tomato in July is 170 TCM

Water required for Tomato in August is 202 TCM

Water required for Tomato in September is 271 TCM

Water required for Tomato in October is 300 TCM

Water required for Tomato in November is 179 TCM

Total water required for Tomato in 180 hectares of land is 1247 TCM

Water required for Groundnut in June is 13 TCM

Water required for Groundnut in July is 20 TCM

Water required for Groundnut in August is 23 TCM

Water required for Groundnut in September is 25 TCM

Water required for Groundnut in October is 20 TCM

Total water required for Groundnut in 20 hectares of land is 104 TCM

Water required for Lentil in June is 15 TCM

Water required for Lentil in July is 20 TCM

Water required for Lentil in August is 27 TCM

Water required for Lentil in September is 28 TCM

Water required for Lentil in October is 19 TCM

Water required for Lentil in November is 12 TCM

Total water required for Lentil in 20 hectares of land is 124 TCM

Water required for Pea in June is 17 TCM

Water required for Pea in July is 25 TCM

Water required for Pea in August is 28 TCM

Water required for Pea in September is 27 TCM

Total water required for Pea in 20 hectares of land is 98 TCM

Water required for Cabbage in June is 90 TCM

Water required for Cabbage in July is 131 TCM

Water required for Cabbage in August is 158 TCM

Water required for Cabbage in September is 164 TCM

Water required for Cabbage in October is 159 TCM

Total water required for Cabbage in 120 hectares of land is 704 TCM

Crop water requirement for grape is in 60 hectares of land is 720TCM

**Total amount of surface water impounded**

The seepage from 19 Earthen nala bund to the groundwater is 8.873000000000001 TCM

The seepage from 5 Percolation tank to the groundwater is 125.75 TCM

The seepage from 30 Percolation tank forest to the groundwater is 116.39999999999999 TCM

The seepage from 4 K T weir during the monsoon is 0.163296 TCM

The surface water in 4 K T weir after the monsoon is 4.036704 TCM

The seepage from 2 Cement nala bund to the groundwater is 26.09 TCM

The seepage from 2 Cement nala bund forest to the groundwater is 15.76 TCM

The seepage from CCT during the monsoon is 172.5 TCM

The soil moisture from CCT during the monsoon is 948.7500000000001 TCM

The seepage from Recharge shaft during the monsoon is 12.0 TCM

The seepage from 1 Konambe dam during the monsoon is 10.58263906390639 TCM

The surface water in 1 Konambe dam after the monsoon is 1501.4173609360937 TCM

**Total amount of surface water impounded by lined farm ponds**

The surface water available in 100 lined farm ponds after the monsoon is 270.0 TCM

**Total amount of surface water impounded by non-lined farm ponds**

The surface water available after seepage in 10 Non lined farm ponds after the monsoon is 26.300160000000005 TCM

The seepage from 10 Non lined farm ponds after the monsoon is 0.6998399999999999 TCM

**Evapotranspiration loses from non-agricultural land**

Total water lost in barren is 407.29 TCM

Total water lost in forest is 52.16 TCM

Total surface water available after kharif 1171.1402462084611 TCM

Total seepage in the village after kharif 12556.234532063907 TCM

Total kharif crop requirement is 7438 TCM

The protective irrigation given is 743.8000000000001 TCM

Total domestic requirement for the kharif is 34.11852 TCM

Total loss from non-agricultural land is 459.45000000000005 TCM

**The amount of water present for rabi is 4984.048878272368 TCM**