**Konambe water budget**

**The amount of water available from rainfall of 780mm is 15772.38 TCM**

**Total runoff is 3335.024781 TCM**

**Amount of water for domestic details**

The Total annual water requirement for 3113 Human population is 62.493475 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 20000 Poultry population is 14.6 TCM

**Total crop water requirement of kharif crops**

Water required for Carrot in June is 284.58 TCM

Water required for Carrot in July is 374.72760000000005 TCM

Water required for Carrot in August is 475.75079999999997 TCM

Water required for Carrot in September is 495.55800000000005 TCM

Water required for Carrot in October is 479.09880000000004 TCM

Total water required for Carrot in 360 hectares of land is 2109.7152 TCM

Water required for Soybean in June is 320.9429999999999 TCM

Water required for Soybean in July is 503.0844 TCM

Water required for Soybean in August is 581.4731999999999 TCM

Water required for Soybean in September is 495.55800000000005 TCM

Water required for Soybean in October is 372.63239999999996 TCM

Total water required for Soybean in 420 hectares of land is 2273.691 TCM

Water required for Tomato in June is 128.061 TCM

Water required for Tomato in July is 184.97700000000003 TCM

Water required for Tomato in August is 234.22139999999993 TCM

Water required for Tomato in September is 238.3398 TCM

Water required for Tomato in October is 212.93280000000001 TCM

Total water required for Tomato in 180 hectares of land is 998.5319999999999 TCM

Water required for Groundnut in June is 14.229 TCM

Water required for Groundnut in July is 20.553000000000004 TCM

Water required for Groundnut in August is 24.2382 TCM

Water required for Groundnut in September is 25.3897 TCM

Water required for Groundnut in October is 20.7018 TCM

Total water required for Groundnut in 20 hectares of land is 105.11170000000001 TCM

Water required for Lentil in June is 17.391 TCM

Water required for Lentil in July is 23.956400000000006 TCM

Water required for Lentil in August is 27.689199999999996 TCM

Water required for Lentil in September is 22.549200000000006 TCM

Water required for Lentil in October is 14.787 TCM

Total water required for Lentil in 20 hectares of land is 106.37280000000001 TCM

Water required for Pea in June is 17.918 TCM

Water required for Pea in July is 25.3266 TCM

Water required for Pea in August is 28.379399999999997 TCM

Water required for Pea in September is 27.531 TCM

Total water required for Pea in 20 hectares of land is 99.155 TCM

Water required for Cabbage in June is 104.346 TCM

Water required for Cabbage in July is 148.77720000000002 TCM

Water required for Cabbage in August is 158.5836 TCM

Water required for Cabbage in September is 141.588 TCM

Total water required for Cabbage in 120 hectares of land is 553.2948 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 13874.923994063905 TCMTCM

Total kharif crop requirement is 6963 TCM

The protective irrigation given is 696.3000000000001 TCM

Total domestic requirement **during the kharif** is 39.005230000000005 TCM

Total loss from non-agricultural land is 459.45000000000005 TCM

**The amount of water present for rabi is 6810.618265272366 TCM**

**Total crop water requirement of rabi crops**

Water required for Wheat in January is 179.51557499999998 TCM

Water required for Wheat in February is 167.0139 TCM

Water required for Wheat in March is 107.53357500000001 TCM

Water required for Wheat in November is 92.44125000000001 TCM

Water required for Wheat in December is 151.30395 TCM

Total water required for Wheat in 135 hectares of land is 697.8082499999999 TCM

Water required for Onion-dry in January is 437.08140000000003 TCM

Water required for Onion-dry in February is 484.2519428571429 TCM

Water required for Onion-dry in March is 541.6505999999999 TCM

Water required for Onion-dry in November is 280.125 TCM

Water required for Onion-dry in December is 402.1164 TCM

Total water required for Onion-dry in 360 hectares of land is 2145.225342857143 TCM

Water required for Tomato in August is 104.13899999999997 TCM

Water required for Tomato in September is 176.985 TCM

Water required for Tomato in October is 275.18129999999996 TCM

Water required for Tomato in November is 226.341 TCM

Water required for Tomato in December is 168.7392 TCM

Total water required for Tomato in 180 hectares of land is 951.3855 TCM

Water required for Carrot in January is 54.635175000000004 TCM

Water required for Carrot in February is 64.94985000000001 TCM

Water required for Carrot in March is 71.68905000000001 TCM

Water required for Carrot in November is 28.0125 TCM

Water required for Carrot in December is 40.058550000000004 TCM

Total water required for Carrot in 45 hectares of land is 259.34512500000005 TCM

Water required for Millet in January is 48.172950000000014 TCM

Water required for Millet in February is 40.20705 TCM

Water required for Millet in November is 29.413124999999997 TCM

Water required for Millet in December is 51.200100000000006 TCM

Total water required for Millet in 45 hectares of land is 168.99322500000002 TCM

Water required for Maize-grain in January is 35.90311499999999 TCM

Water required for Maize-grain in February is 27.769374642857148 TCM

Water required for Maize-grain in March is 33.45489 TCM

Water required for Maize-grain in December is 27.45414 TCM

Total water required for Maize-grain in 27 hectares of land is 142.50951964285713 TCM

Water required for Cabbage in January is 76.489245 TCM

Water required for Cabbage in February is 83.9708775 TCM

Water required for Cabbage in March is 100.36466999999999 TCM

Water required for Cabbage in November is 43.139250000000004 TCM

Water required for Cabbage in December is 66.79827000000002 TCM

Total water required for Cabbage in 63 hectares of land is 370.7623125 TCM

Total rabi crop requirement is 4736.0214TCM

**Surplus water left is 2073.96 TCM**