

TABLE - 1

No. of Streams (Orderwise) of Different
Drainage Basins of the Mayurbhanj Upland

| Serial No. | Stream Order | Stream Number (Orderwise) | | | | | | | Total |
|---------------|----------------------|---------------------------|-----|-----|----|---|----|-----|-------|
| | | I | II | III | IV | V | VI | VII | |
| | Name of the Basin | | | | | | | | |
| 1. | Khairi | 2680 | 618 | 132 | 25 | 5 | 3 | | 3468 |
| 2. | Dec-1 | 1756 | 339 | 74 | 10 | 4 | 1 | | 2192 |
| 3. | Tel | 256 | 59 | 15 | 2 | 1 | | | 333 |
| 4. | Sin | 372 | 78 | 17 | 4 | 1 | | | 472 |
| 5. | Gobar Jhora | 374 | 65 | 22 | 4 | 2 | 1 | | 488 |
| 6. | Kantioli-1 | 274 | 45 | 10 | 2 | 1 | | | 305 |
| 7. | Salandi | 419 | 78 | 18 | 6 | 2 | 1 | | 524 |
| 8. | Kala | 329 | 123 | 29 | 6 | 3 | 1 | | 496 |
| 9. | Kantioli-2 | 130 | 32 | 5 | 1 | | | | 168 |
| 10. | Dec-2 | 569 | 111 | 22 | 4 | 2 | 1 | | 709 |
| 11. | Sanjo | 613 | 156 | 32 | 7 | 2 | 1 | | 811 |
| 12. | Palpala | 1171 | 276 | 59 | 21 | 4 | | | 1531 |
| 13. | Burnabalang | 1579 | 422 | 97 | 21 | 7 | 2 | 1 | 2129 |
| 14. | Dec-3 | 170 | 42 | 10 | 2 | 1 | | | 225 |
| 15. | Andhari | 188 | 43 | 8 | 3 | 1 | | | 243 |
| 16. | Kalika | 225 | 55 | 10 | 2 | 1 | | | 293 |

TABLE - II

Bifurcation Ratio of Different Drainage
Basins of the Mayurbhanj Upland

| Serial No : | Name of the Basin | Bifurcation Ratio | | | | | | Mean |
|----------------|----------------------|-------------------|-------|-------|-------|-------|-------|------|
| | | N1/N2 | N2/N3 | N3/N4 | N4/N5 | N5/N6 | N6/N7 | |
| 1. | Khairi | 4.30 | 4.60 | 5.20 | 5.00 | 1.60 | 3.00 | 4.14 |
| 2. | Dec-1 | 5.35 | 4.45 | 4.11 | 4.50 | 4.00 | | 4.60 |
| 3. | Tel | 4.34 | 3.43 | 7.50 | 2.00 | | | 5.09 |
| 4. | Sin | 4.77 | 4.59 | 4.25 | 4.00 | | | 4.53 |
| 5. | Gobar Jhora | 4.40 | 3.86 | 5.50 | 2.00 | 2.00 | | 3.94 |
| 6. | Kantiadi-1 | 5.48 | 4.50 | 5.00 | 2.00 | | | 4.99 |
| 7. | Salandi | 5.37 | 4.58 | 2.83 | 3.00 | 2.00 | | 3.94 |
| 8. | Kala | 2.57 | 4.12 | 3.10 | 3.33 | 3.00 | | 3.23 |
| 9. | Kantiadi-2 | 4.00 | 6.40 | 5.00 | | | | 5.21 |
| 10. | Dec-2 | 5.10 | 5.00 | 5.50 | 2.00 | 2.00 | | 4.40 |
| 11. | Sanjo | 3.93 | 4.87 | 4.57 | 3.50 | 2.00 | | 4.21 |
| 12. | Paipala | 4.24 | 4.67 | 2.80 | 5.25 | | | 4.24 |
| 13. | Burhabalang | 3.70 | 4.30 | 4.60 | 3.00 | 3.50 | 2.00 | 3.82 |
| 14. | Dec-3 | 4.47 | 4.20 | 5.00 | 1.00 | | | 4.55 |
| 15. | Andhari | 4.37 | 5.37 | 2.66 | 3.00 | | | 3.86 |
| 16. | Kalika | 4.09 | 5.50 | 5.00 | 2.00 | | | 4.86 |

TABLE - III

Mean Stream Lengths of Different Orders of
the Drainage Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Stream Order | Mean Length of Streams (Lu) in Miles (Km) | | | | | | |
|---------------|----------------------|-----------------|---|----------------|----------------|----------------|------------------|------------------|----------------|
| | | | I | II | III | IV | V | VI | VII |
| 1. | Khairi | | 0.20 (0.32) | 0.28 (0.45) | 0.79 (1.27) | 2.32 (3.73) | 10.20 (16.42) | 3.30 (5.31) | |
| 2. | Deo-1 | | 0.20 (0.32) | 0.35 (0.56) | 0.98 (1.58) | 1.50 (2.41) | 5.50 (8.86) | 21.50 (34.60) | |
| 3. | Tel | | 0.25 (0.40) | 0.54 (0.89) | 0.73 (1.18) | 4.50 (7.24) | 2.50 (4.02) | | |
| 4. | Sim | | 0.24 (0.39) | 0.52 (0.84) | 1.26 (2.03) | 2.00 (3.22) | 8.00 (12.87) | | |
| 5. | Gobar Jhora | | 0.20 (0.32) | 0.36 (0.58) | 0.64 (1.03) | 2.75 (4.43) | 0.75 (1.21) | 4.50 (7.24) | |
| 6. | Kantiali-1 | | 0.29 (0.47) | 0.31 (0.50) | 1.15 (1.85) | 3.05 (4.91) | 2.10 (3.38) | | |
| 7. | Salandi | | 0.26 (0.42) | 0.41 (0.66) | 0.95 (1.53) | 0.83 (1.34) | 3.75 (6.04) | 2.50 (4.02) | |
| 8. | Kala | | 0.63 (1.01) | 0.50 (0.81) | 1.00 (1.61) | 1.50 (2.41) | 5.20 (8.37) | 5.70 (9.17) | |
| 9. | Kantiali-2 | | 0.34 (0.55) | 0.64 (1.03) | 1.20 (1.93) | 3.00 (4.83) | | | |
| 10. | Deo-2 | | 0.31 (0.50) | 0.50 (0.81) | 1.10 (1.77) | 2.80 (4.51) | 2.10 (3.38) | 3.00 (4.83) | |
| 11. | Sanjo | | 0.26 (0.42) | 0.38 (0.61) | 0.84 (1.35) | 1.43 (2.30) | 2.00 (3.22) | 2.50 (4.02) | |
| 12. | Palpala | | 0.34 (0.55) | 0.51 (0.82) | 1.54 (2.48) | 2.14 (3.44) | 3.00 (4.83) | | |
| 13. | Burnabalang | | 0.26 (0.42) | 0.30 (0.48) | 0.78 (1.26) | 2.20 (3.54) | 2.40 (3.86) | 8.00 (12.87) | 5.00 (8.05) |
| 14. | Deo-3 | | 0.23 (0.37) | 0.38 (0.61) | 0.70 (1.13) | 1.50 (2.41) | 0.10 (0.16) | | |
| 15. | Andhari | | 0.23 (0.37) | 0.44 (0.71) | 0.56 (0.90) | 1.66 (2.67) | 3.50 (5.63) | | |
| 16. | Kalika | | 0.24 (0.39) | 0.34 (0.55) | 0.95 (1.53) | 2.25 (3.62) | 6.00 (9.66) | | |

TABLE - IV

Stream Length Ratio of Different
Drainage Basins of Mayurbhanj Upland

| Serial No. | Name of the Basin | Stream Length Ratio: ($R_L = R_{Lu}/R_{Lu-1}$) | | | | | | |
|------------|-------------------|--|-----------|-----------|-----------|-----------|-----------|------|
| | | L_2/L_1 | L_3/L_2 | L_4/L_3 | L_5/L_4 | L_6/L_5 | L_7/L_6 | Mean |
| 1. | Khairi | 1.40 | 2.80 | 2.90 | 4.40 | 0.32 | | 2.36 |
| 2. | Dec-1 | 1.61 | 2.80 | 1.53 | 3.66 | | | 2.40 |
| 3. | Tel | 2.16 | 1.35 | 6.16 | | | | 3.22 |
| 4. | Sim | 2.17 | 2.38 | 1.63 | 4.00 | | | 2.03 |
| 5. | Gobar Jhera | 1.80 | 1.77 | 4.30 | 0.27 | 6.00 | | 2.71 |
| 6. | Kantiadi-1 | 5.07 | 1.21 | 1.88 | 2.90 | | | 2.47 |
| 7. | Salandi | 1.58 | 2.31 | 0.77 | 4.51 | 0.66 | | 2.54 |
| 8. | Kala | 0.79 | 2.00 | 1.50 | 3.46 | 1.09 | | 1.93 |
| 9. | Kantiadi-2 | 1.88 | 1.87 | 2.50 | | | | 2.08 |
| 10. | Dec-2 | 1.61 | 2.20 | 2.54 | 0.75 | 1.43 | | 1.77 |
| 11. | Sanjo | 1.46 | 2.21 | 1.70 | 1.47 | 1.25 | | 1.71 |
| 12. | Palpala | 1.50 | 3.01 | 1.39 | 1.40 | | | 1.82 |
| 13. | Burnabalang | 1.10 | 2.60 | 2.80 | 1.09 | 3.30 | 6.25 | 2.18 |
| 14. | Dec-3 | 1.65 | 1.85 | 2.14 | | | | 1.68 |
| 15. | Andhari | 1.90 | 1.27 | 2.90 | 2.10 | | | 2.08 |
| 16. | Kalika | 1.41 | 2.79 | 2.36 | 2.66 | | | 2.30 |

TABLE - V

Cumulative Mean Stream Lengths of Different
Orders in Drainage Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Stream Length (Orderwise) Miles (Km) | | | | | | |
|------------|-------------------|---|----------------|----------------|----------------|------------------|------------------|------------------|
| | | I | II | III | IV | V | VI | VII |
| 1. | Khairi | 0.20 (0.32) | 0.48 (0.77) | 1.27 (2.04) | 3.53 (5.79) | 13.79 (22.13) | 17.09 (27.50) | |
| 2. | Deo-1 | 0.23 (0.32) | 0.55 (0.88) | 1.53 (2.46) | 3.03 (4.87) | 8.53 (13.72) | 30.03 (48.32) | |
| 3. | Tel | 0.25 (0.40) | 0.79 (1.27) | 1.52 (2.44) | 6.02 (9.66) | 8.52 (13.71) | | |
| 4. | Sim | 0.24 (0.38) | 0.76 (1.22) | 1.99 (3.20) | 3.99 (6.42) | 11.99 (19.29) | | |
| 5. | Gobar Jhora | 0.23 (0.32) | 0.56 (0.90) | 1.20 (1.93) | 3.95 (6.34) | 4.70 (7.56) | 9.20 (14.80) | |
| 6. | Kantiali-1 | 0.29 (0.46) | 0.60 (0.96) | 1.75 (2.80) | 4.80 (7.70) | 6.90 (11.10) | | |
| 7. | Salandi | 0.26 (0.41) | 0.67 (1.07) | 1.62 (2.60) | 2.45 (3.94) | 6.20 (10.63) | 8.70 (14.00) | |
| 8. | Kala | 0.63 (1.01) | 0.13 (0.20) | 2.13 (3.40) | 3.63 (5.84) | 8.83 (14.20) | 14.53 (23.38) | |
| 9. | Kantiali-2 | 0.34 (0.54) | 0.98 (1.57) | 2.18 (3.50) | 5.18 (8.33) | | | |
| 10. | Deo-2 | 0.31 (0.49) | 0.81 (1.30) | 1.91 (3.07) | 4.71 (7.58) | 6.81 (10.95) | 9.81 (15.78) | |
| 11. | Sanjo | 0.26 (0.41) | 0.64 (1.02) | 1.48 (2.38) | 2.91 (4.68) | 4.91 (7.90) | 7.41 (11.92) | |
| 12. | Paipala | 0.34 (0.54) | 0.85 (1.36) | 2.39 (3.84) | 4.53 (7.29) | 7.53 (12.11) | | |
| 13. | Burnabalang | 0.26 (0.41) | 0.56 (0.90) | 1.34 (2.15) | 3.54 (5.69) | 5.94 (9.55) | 13.94 (22.43) | 18.94 (30.48) |
| 14. | Deo-3 | 0.23 (0.37) | 0.61 (0.98) | 1.31 (2.10) | 2.81 (4.52) | 2.91 (4.68) | | |
| 15. | Andhari | 0.23 (0.37) | 0.67 (1.07) | 1.23 (1.97) | 2.89 (4.65) | 6.39 (10.28) | | |
| 16. | Kalika | 0.24 (0.38) | 0.58 (0.93) | 1.53 (2.46) | 3.78 (6.08) | 9.78 (15.73) | | |

TABLE - VI

**Mean Basin Areas of Selected Drainage
Basins of the Mayurbhanj Upland**

| Serial No. | Name of the Basin | Mean Basin Area of Streams (Orderwise) in Mile ² (Km ²)) | | | | | |
|------------|-------------------|--|----------------|----------------|------------------|--------------------|--------------------|
| | | I | II | III | IV | V | VI |
| 1. | Tel | 0.02 (0.05) | 0.17 (0.44) | 0.81 (2.10) | 9.00 (23.31) | 23.12 (59.88) | |
| 2. | Sim | 0.02 (0.05) | 0.17 (0.44) | 1.10 (2.85) | 6.26 (16.21) | 35.80 (92.72) | |
| 3. | Gobar Jhora | 0.02 (0.05) | 0.14 (0.36) | 0.72 (1.86) | 4.80 (12.43) | 10.50 (27.23) | 32.86 (85.11) |
| 4. | Kantiali-1 | 0.02 (0.05) | 0.12 (0.31) | 1.31 (3.39) | 9.50 (24.61) | 23.82 (61.69) | |
| 5. | Salandi | 0.02 (0.36) | 0.14 (0.36) | 0.83 (2.15) | 2.38 (6.16) | 9.15 (23.70) | 23.61 (61.15) |
| 6. | Kala | 0.04 (0.10) | 0.15 (0.39) | 1.29 (3.34) | 4.79 (12.41) | 13.96 (36.10) | 55.38 (143.43) |
| 7. | Dec-1 | 0.02 (0.05) | 0.15 (0.39) | 0.91 (2.36) | 7.03 (18.21) | 18.02 (46.67) | 50.23 (130.10) |
| 8. | Sanjo | 0.02 (0.05) | 0.13 (0.34) | 0.87 (2.25) | 3.83 (9.92) | 16.00 (41.44) | 38.16 (98.83) |
| 9. | Khairi | 0.12 (0.31) | 0.25 (0.65) | 1.83 (4.74) | 9.79 (25.36) | 47.82 (123.81) | 239.36 (619.01) |
| 10. | Dec-2 | 0.06 (0.15) | 0.28 (0.73) | 2.11 (5.46) | 13.70 (35.48) | 121.60 (314.60) | |
| 11. | Kantiali-2 | 0.03 (0.08) | 0.19 (0.49) | 1.72 (4.45) | 25.13 (65.01) | 55.68 (144.20) | |
| 12. | Palpala | 0.03 (0.08) | 0.41 (1.06) | 1.61 (4.15) | 9.12 (23.62) | 80.80 (209.27) | |
| 13. | Burhabalang | 0.03 (0.08) | 0.22 (0.75) | 1.12 (2.90) | 5.49 (14.22) | 56.20 (145.56) | 168.60 (436.67) |
| 14. | Dec-3 | 0.02 (0.05) | 0.21 (0.54) | 0.77 (1.99) | 8.64 (22.38) | 15.52 (40.15) | |
| 15. | Andhari | 0.02 (0.05) | 0.19 (0.49) | 1.5 (3.89) | 6.15 (15.93) | 12.32 (31.86) | |
| 16. | Kalika | 0.04 (0.10) | 0.17 (0.44) | 0.83 (2.15) | 9.12 (23.62) | | |

TABLE - VII

Mean Basin Area Ratios of Selected
Drainage Basins of Mayurbhanj Upland

| Serial No. | Name of the Basin | Basin Area Ratio ($A_R = A_n/A_{n-1}$) | | | | | Mean |
|------------|-------------------|--|-----------|-----------|-----------|-----------|------|
| | | A_2/A_1 | A_3/A_2 | A_4/A_3 | A_5/A_4 | A_6/A_5 | |
| 1. | Tel | 8.5 | 4.7 | 10.1 | 2.8 | | 7.81 |
| 2. | Sim | 8.5 | 6.4 | 6.7 | 5.7 | | 6.88 |
| 3. | Gobar Jhora | 7.0 | 5.1 | 6.6 | 2.2 | 3.1 | 5.24 |
| 4. | Kantiالي-1 | 6.0 | 10.9 | 7.2 | 2.5 | | 8.05 |
| 5. | Salandi | 7.0 | 5.9 | 2.7 | 3.8 | 2.5 | 4.85 |
| 6. | Kala | 3.3 | 8.7 | 3.7 | 2.9 | 3.9 | 4.65 |
| 7. | Deco-1 | 5.7 | 6.1 | 7.6 | 2.5 | 2.2 | 5.47 |
| 8. | Sanjo | 6.5 | 6.7 | 4.4 | 4.1 | 2.4 | 5.44 |
| 9. | Khairi | 2.08 | 7.32 | 5.35 | 4.88 | 5.01 | 4.93 |
| 10. | Deco-2 | 4.67 | 7.54 | 6.49 | 8.88 | | 6.89 |
| 11. | Kantiالي-2 | 6.33 | 9.05 | 14.61 | 2.22 | | 8.05 |
| 12. | Palpala | 13.67 | 3.93 | 5.66 | 8.86 | | 8.03 |
| 13. | Burnabalang | 9.67 | 3.86 | 4.90 | 10.94 | 3.00 | 6.47 |
| 14. | Deco-3 | 10.5 | 3.67 | 11.22 | 1.79 | | 6.79 |
| 15. | Andhari | 9.5 | 7.89 | 4.1 | 2.00 | | 5.87 |
| 16. | Kalika | 4.25 | 4.88 | 10.99 | | | 6.71 |

TABLE - VIII

Mean Stream Slope of Selected Drainage
Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Stream Order | Mean Slope (S) of Streams (Su) | | | | | | |
|------------|-------------------|--------------|--------------------------------|----------------|---------------|----------------|----------------|----------------|---------------|
| | | | I | II | III | IV | V | VI | VII |
| 1. | Tel | tan S S | 0.14 7°58' | 0.10 5°43' | 0.05 2°52' | 0.04 2°17' | 0.03 1°43' | | |
| 2. | Sim | tan S S | 0.24 13°30' | 0.13 7°24' | 0.05 2°52' | 0.04 2°17' | 0.03 1°43' | | |
| 3. | Gobar Jhora | tan S S | 0.23 12°57' | 0.11 6°17' | 0.04 2°17' | 0.03 1°43' | 0.01 0°34' | 0.003 0°10' | |
| 4. | Kantiali-1 | tan S S | 0.22 12°24' | 0.14 7°58' | 0.06 3°26' | 0.05 2°52' | 0.01 0°34' | | |
| 5. | Salandi | tan S S | 0.23 12°57' | 0.12 6°51' | 0.07 4°0' | 0.055 3°09' | 0.054 3°06' | 0.01 0°34' | |
| 6. | Kala | tan S S | 0.19 10°46' | 0.10 5°43' | 0.06 3°26' | 0.04 2°17' | 0.02 1°09' | 0.001 0°03' | |
| 7. | Deco-1 | tan S S | 0.21 11°52' | 0.14 7°58' | 0.06 3°26' | 0.05 2°52' | 0.03 1°43' | 0.004 0°14' | |
| 8. | Sanjo | tan S S | 0.25 14°02' | 0.16 9°05' | 0.11 6°17' | 0.07 4°0' | 0.06 3°26' | 0.02 1°09' | |
| 9. | Khairi | tan S S | 0.21 11°52' | 0.11 6°17' | 0.05 2°52' | 0.03 1°43' | 0.02 1°09' | 0.007 | |
| 10. | Deco-2 | tan S S | 0.22 12°24' | 0.10 5°43' | 0.07 4°00' | 0.02 1°09' | 0.02 1°09' | | |
| 11. | Kantiali-2 | tan S S | 0.17 9°39' | 0.06 3°26' | 0.03 1°43' | 0.02 1°09' | 0.02 1°09' | | |
| 12. | Palpala | tan S S | 0.19 10°45' | 0.14 7°52' | 0.13 7°24' | 0.12 6°50' | 0.03 1°43' | | |
| 13. | Burhabalang | tan S S | 0.21 11°52' | 0.13 7°24' | 0.06 3°26' | 0.04 2°17' | 0.025 1°26' | 0.02 1°09' | 0.00 1°00' |
| 14. | Deco-3 | tan S S | 0.24 13°30' | 0.15 8°32' | 0.11 6°17' | 0.05 2°52' | 0.002 0°07' | | |
| 15. | Andhari | tan S S | 0.30 16°42' | 0.17 9°39' | 0.07 4°00' | 0.06 3°26' | 0.004 0°14' | | |
| 16. | Kalika | tan S S | 0.29 16°10' | 0.20 11°19' | 0.08 4°34' | 0.04 2°17' | | | |

TABLE - IX

Mean Basin Slope Ratio (R_s) of Selected
Drainage Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Basin Slope Ratios ($R_s = S_u/S_{u-1}$) | | | | | Mean |
|------------|-------------------|--|-----------|-----------|-----------|-----------|------|
| | | S_2/S_1 | S_3/S_2 | S_4/S_3 | S_5/S_4 | S_6/S_5 | |
| 1. | Tel | 0.71 | 0.50 | 0.80 | 0.75 | | 0.67 |
| 2. | Sim | 0.54 | 0.38 | 0.80 | 0.75 | | 0.57 |
| 3. | Gobar Jhora | 0.47 | 0.36 | 0.75 | 0.33 | 0.30 | 0.47 |
| 4. | Kantiali-1 | 0.63 | 0.42 | 0.83 | 0.20 | | 0.62 |
| 5. | Salundi | 0.52 | 0.58 | 0.71 | 0.98 | 0.20 | 0.69 |
| 6. | Kala | 0.52 | 0.60 | 0.66 | 0.50 | 0.05 | 0.57 |
| 7. | Dec-1 | 0.66 | 0.42 | 0.83 | 0.60 | 0.30 | 0.62 |
| 8. | Sanjo | 0.64 | 0.68 | 0.70 | 0.85 | 0.33 | 0.71 |
| 9. | Khairi | 0.52 | 0.45 | 0.06 | 0.66 | 0.35 | |
| 10. | Dec-2 | 0.45 | 0.07 | 0.28 | 1.00 | | |
| 11. | Kantiali-2 | 0.35 | 0.50 | 0.66 | 1.00 | | |
| 12. | Paipala | 0.74 | 0.93 | 0.92 | 0.25 | | |
| 13. | Bumabalang | 0.62 | 0.46 | 0.66 | 0.63 | 0.80 | 0.10 |
| 14. | Dec-3 | 0.63 | 0.73 | 0.45 | 0.04 | | |
| 15. | Andhari | 0.57 | 0.41 | 0.26 | 0.06 | | |
| 16. | Kalika | 0.69 | 0.40 | 0.50 | | | |

TABLE - X

Statistical Indices for the Drainage
Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Basin Area | | Relative Relief | | Basin Relief | Form Index | Drainage Frequency | |
|------------|-------------------|-----------------|-----------------|-----------------|------|--------------|------------|--------------------|--------|
| | | mi ² | km ² | ft | m | | | per mile | per km |
| 1. | Khairi | 231.36 | 599.22 | 2206 | 672 | 305 | 0.30 | 14.92 | 9.27 |
| 2. | Deo-1 | 144.24 | 373.58 | 2573 | 784 | 320 | 0.27 | 15.10 | 9.36 |
| 3. | Tel | 23.12 | 59.88 | 2277 | 694 | 325 | 0.47 | 14.40 | 8.95 |
| 4. | Sim | 35.80 | 92.72 | 2211 | 674 | 270 | 0.53 | 13.18 | 8.21 |
| 5. | Gobar Jhora | 32.86 | 89.10 | 2369 | 722 | 232 | 0.32 | 14.85 | 9.23 |
| 6. | Kantiali-1 | 23.82 | 61.69 | 2210 | 674 | 305 | 0.35 | 10.42 | 6.46 |
| 7. | Salandi | 23.61 | 61.15 | 2250 | 686 | 265 | 0.32 | 22.19 | 13.82 |
| 8. | Kala | 55.38 | 143.43 | 2573 | 1089 | 325 | 0.45 | 8.95 | 5.56 |
| 9. | Kantiali-2 | 15.26 | 39.52 | 2533 | 772 | 305 | 0.34 | 19.98 | 12.41 |
| 10. | Deo-2 | 50.23 | 130.10 | 3401 | 1037 | 353 | 0.55 | 14.11 | 8.76 |
| 11. | Sanjo | 38.16 | 98.83 | 3058 | 932 | 332 | 0.60 | 21.25 | 13.26 |
| 12. | Palpala | 36.40 | 94.28 | 3005 | 916 | 167 | 0.38 | 17.50 | 10.87 |
| 13. | Burhabalang | 138.24 | 357.32 | 3348 | 1020 | 336 | 0.34 | 15.30 | 9.51 |
| 14. | Deo-3 | 11.45 | 29.66 | 1917 | 584 | 326 | 0.35 | 19.65 | 12.30 |
| 15. | Andhari | 14.21 | 36.80 | 2020 | 616 | 243 | 0.37 | 17.80 | 11.06 |
| 16. | Kalika | 16.21 | 41.98 | 1992 | 607 | 491 | 0.24 | 18.09 | 11.23 |

TABLE - X (Contd.)

Statistical Indices for the Drainage
Basins of the Mayurbhanj Upland

| Serial No. | Name of the Basin | Drainage Density | | Drainage Texture | Constant of Channel Maintenance | | Drainage Ruggedness Number | Basin Circularity Ratio | Basin Elongation Ratio |
|------------|-------------------|---------------------|---------------------|------------------|---------------------------------|-----------------|----------------------------|-------------------------|------------------------|
| | | per mi ² | per km ² | | mi ² | km ² | | | |
| 1. | Khairi | 4.15 | 1.60 | 3.59 | 0.21 | 0.54 | 10,506 | 0.42 | 1.12 |
| 2. | Dec-1 | 4.48 | 1.73 | 3.33 | 0.22 | 0.57 | 11,527 | 0.35 | 1.45 |
| 3. | Tel | 5.08 | 1.96 | 2.83 | 0.20 | 0.52 | 11,567 | 0.72 | 1.29 |
| 4. | Sim | 4.66 | 1.80 | 2.83 | 0.21 | 0.54 | 10,303 | 0.72 | 1.21 |
| 5. | Gobar Jhora | 4.05 | 1.56 | 3.67 | 0.24 | 0.62 | 9,594 | 0.53 | 1.57 |
| 6. | Kantiali-1 | 4.59 | 1.77 | 2.27 | 0.21 | 0.54 | 10,144 | 0.40 | 1.32 |
| 7. | Salandi | 7.61 | 2.94 | 2.91 | 0.13 | 0.34 | 17,22 | 0.48 | 1.54 |
| 8. | Kala | 6.18 | 2.39 | 1.44 | 0.16 | 0.41 | 22,081 | 0.39 | 1.30 |
| 9. | Kantiali-2 | 6.86 | 2.65 | 2.91 | 0.14 | 0.36 | 17,375 | 0.45 | 1.88 |
| 10. | Dec-2 | 5.46 | 2.11 | 2.58 | 0.14 | 0.36 | 18,569 | 0.58 | 1.20 |
| 11. | Sanjo | 6.88 | 2.66 | 3.08 | 0.14 | 0.36 | 21,039 | 0.98 | 1.15 |
| 12. | Palpala | 8.04 | 3.10 | 2.17 | 0.12 | 0.31 | 24,160 | 0.38 | 1.40 |
| 13. | Burhabalang | 5.10 | 1.97 | 3.00 | 0.19 | 0.49 | 17,075 | 0.35 | 1.49 |
| 14. | Dec-3 | 5.77 | 2.23 | 3.40 | 0.17 | 0.44 | 11,061 | 0.58 | 1.45 |
| 15. | Andhari | 5.35 | 2.07 | 3.32 | 0.19 | 0.49 | 11,007 | 0.72 | 1.80 |
| 16. | Kalika | 5.72 | 2.21 | 3.16 | 0.17 | 0.44 | 11,394 | 0.47 | 1.13 |