

ตารางที่ 5 ROUGHNESS LENGTH

| LAND COVER DESCRIPTION | Roughness Length | | LAND COVER DESCRIPTION | Roughness Length | |
|---|------------------|--------|--|------------------|--------|
| | (mm.) | (m) | | (mm.) | (m) |
| category 1 : URBAN | 3000 | 3 | category 48 : DRY EVERGREEN WOODS | N/A | N/A |
| category 2 : LOW SPARSE GRASSLAND | 8 | 0.008 | category 49 : VOLCANIC ROCK | 8 | 0.008 |
| category 3 : CONIFEROUS FOREST | N/A | N/A | category 50 : SAND DESERT | 0.1 | 0.0001 |
| category 4 : DECIDUOUS CONIFER FOREST | 500 | 0.5 | category 51 : SEMI DESERT SHRUBS | 10 | 0.01 |
| category 5 : DECIDUOUS BROADLEAF FOREST | 500 | 0.5 | category 52 : SEMI DESERT SAGE | N/A | N/A |
| category 6 : EVERGREEN BROADLEAF FORESTS | N/A | N/A | category 53 : BARREN TUNDRA | 30 | 0.03 |
| category 7 : TALL GRASSES AND SHRUBS | N/A | N/A | category 54 : COOL SOUTHERN HEMISPHERE MIXED FORESTS | N/A | N/A |
| category 8 : BARE DESERT | 0.1 | 0.0001 | category 55 : COOL FIELDS AND WOODS | 500 | 0.5 |
| category 9 : UPLAND TUNDRA | 30 | 0.03 | category 56 : FOREST AND FIELD | 500 | 0.5 |
| category 10 : IRRIGATED GRASSLAND | 50 | 0.05 | category 57 : COOL FOREST AND FIELD | 500 | 0.5 |
| category 11 : SEMI DESERT | N/A | N/A | category 58 : FIELDS AND WOODY SAVANNA | 50 | 0.05 |
| category 12 : GLACIER ICE | N/A | N/A | category 59 : SUCCULENT AND THORN SCRUB | N/A | N/A |
| category 13 : WOODED WET SWAMP | N/A | N/A | category 60 : SMALL LEAF MIXED WOODS | N/A | N/A |
| category 14 : INLAND WATER | 0.2 | 0.0002 | category 61 : DECIDUOUS AND MIXED BOREAL FOREST | 500 | 0.5 |
| category 15 : SEA WATER | N/A | N/A | category 62 : NARROW CONIFERS | N/A | N/A |
| category 16 : SHRUB EVERGREEN | 100 | 0.1 | category 63 : WOODED TUNDRA | N/A | N/A |
| category 17 : SHRUB DECIDUOUS | N/A | N/A | category 64 : HEATH SCRUB | N/A | N/A |
| category 18 : MIXED FOREST AND FIELD | N/A | N/A | category 65 : COASTAL WETLAND - NW | N/A | N/A |
| category 19 : EVERGREEN FOREST AND FIELDS | 250 | 0.25 | category 66 : COASTAL WETLAND - NE | N/A | N/A |
| category 20 : COOL RAIN FOREST | N/A | N/A | category 67 : COASTAL WETLAND, SE | N/A | N/A |
| category 21 : CONIFER BOREAL FOREST | 500 | 0.5 | category 68 : COASTAL WETLAND - SW | N/A | N/A |
| category 22 : COOL CONIFER FOREST | 500 | 0.5 | category 69 : POLAR AND ALPINE DESERT | N/A | N/A |
| category 23 : COOL MIXED FOREST | 500 | 0.5 | category 70 : GLACIER ROCK | N/A | N/A |
| category 24 : MIXED FOREST | 500 | 0.5 | category 71 : SALT PLAYAS | N/A | N/A |
| category 25 : COOL BROADLEAF FOREST | N/A | N/A | category 72 : MANGROVE | N/A | N/A |
| category 26 : DECIDUOUS BROADLEAF FOREST | N/A | N/A | category 73 : WATER AND ISLAND FRINGE | N/A | N/A |
| category 27 : CONIFER FOREST | N/A | N/A | category 74 : LAND, WATER, AND SHORE | N/A | N/A |
| category 28 : MONTANE TROPICAL FORESTS | 500 | 0.5 | category 75 : LAND AND WATER, RIVERS | N/A | N/A |
| category 29 : SEASONAL TROPICAL FOREST | 500 | 0.5 | category 76 : CROP AND WATER MIXTURES | N/A | N/A |
| category 30 : COOL CROPS AND TOWNS | N/A | N/A | category 77 : SOUTHERN HEMISPHERE CONIFERS | N/A | N/A |
| category 31 : CROPS AND TOWN | 250 | 0.25 | category 78 : SOUTHERN HEMISPHERE MIXED FOREST | N/A | N/A |
| category 32 : DRY TROPICAL WOODS | 500 | 0.5 | category 79 : WET SCLEROPHYLIC FOREST | N/A | N/A |
| category 33 : TROPICAL RAINFOREST | 500 | 0.5 | category 80 : COASTLINE FRINGE | N/A | N/A |
| category 34 : TROPICAL DEGRADED FOREST | N/A | N/A | category 81 : BEACHES AND DUNES | N/A | N/A |
| category 35 : CORN AND BEANS CROPLAND | 50 | 0.05 | category 82 : SPARSE DUNES AND RIDGES | N/A | N/A |
| category 36 : RICE PADDY AND FIELD | 50 | 0.05 | category 83 : BARE COASTAL DUNES | N/A | N/A |
| category 37 : HOT IRRIGATED CROPLAND | 50 | 0.05 | category 84 : RESIDUAL DUNES AND BEACHES | N/A | N/A |
| category 38 : COOL IRRIGATED CROPLAND | N/A | N/A | category 85 : COMPOUND COASTLINES | N/A | N/A |
| category 39 : COLD IRRIGATED CROPLAND | N/A | N/A | category 86 : ROCKY CLIFFS AND SLOPES | N/A | N/A |
| category 40 : COOL GRASSES AND SHRUBS | N/A | N/A | category 87 : SANDY GRASSLAND AND SHRUBS | N/A | N/A |
| category 41 : HOT AND MILD GRASSES AND SHRUBS | 50 | 0.05 | category 88 : BAMBOO | N/A | N/A |
| category 42 : COLD GRASSLAND | 50 | 0.05 | category 89 : MOIST EUCALYPTUS | N/A | N/A |
| category 43 : SAVANNA (WOODS) | N/A | N/A | category 90 : RAIN GREEN TROPICAL FOREST | 500 | 0.5 |
| category 44 : MIRE, BOG, FEN | N/A | N/A | category 91 : WOODY SAVANNA | 500 | 0.5 |
| category 45 : MARSH WETLAND | 0.1 | 0.0001 | category 92 : BROADLEAF CROPS | N/A | N/A |
| category 46 : MEDITERRANEAN SCRUB | N/A | N/A | category 93 : GRASS CROPS | 50 | 0.05 |
| category 47 : DRY WOODY SCRUB | N/A | N/A | category 94 : CROPS, GRASS, SHRUBS | 50 | 0.05 |