











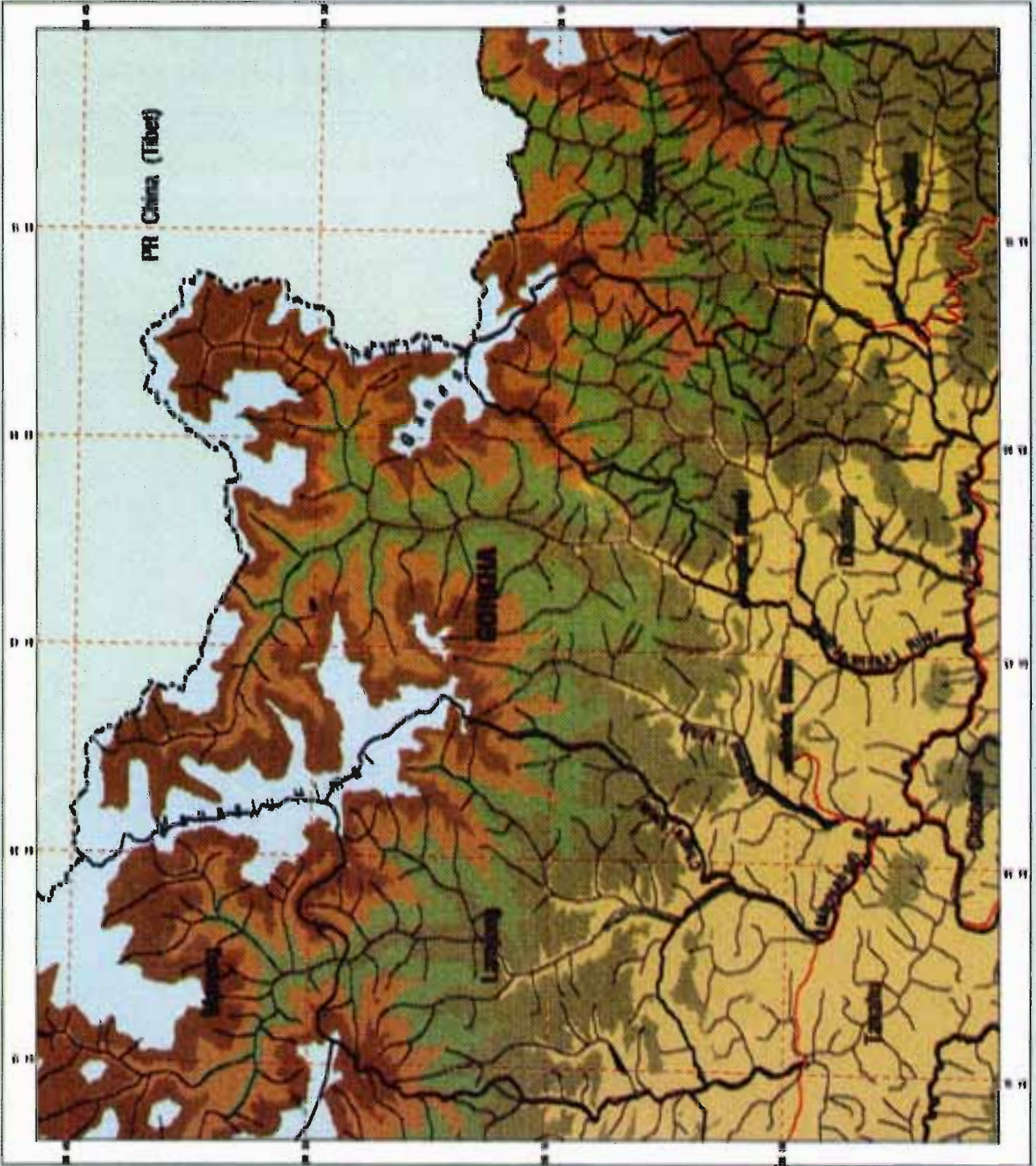
MAPS

Map 1

Gorkha District
Western Region of Nepal
Location

LEGEND

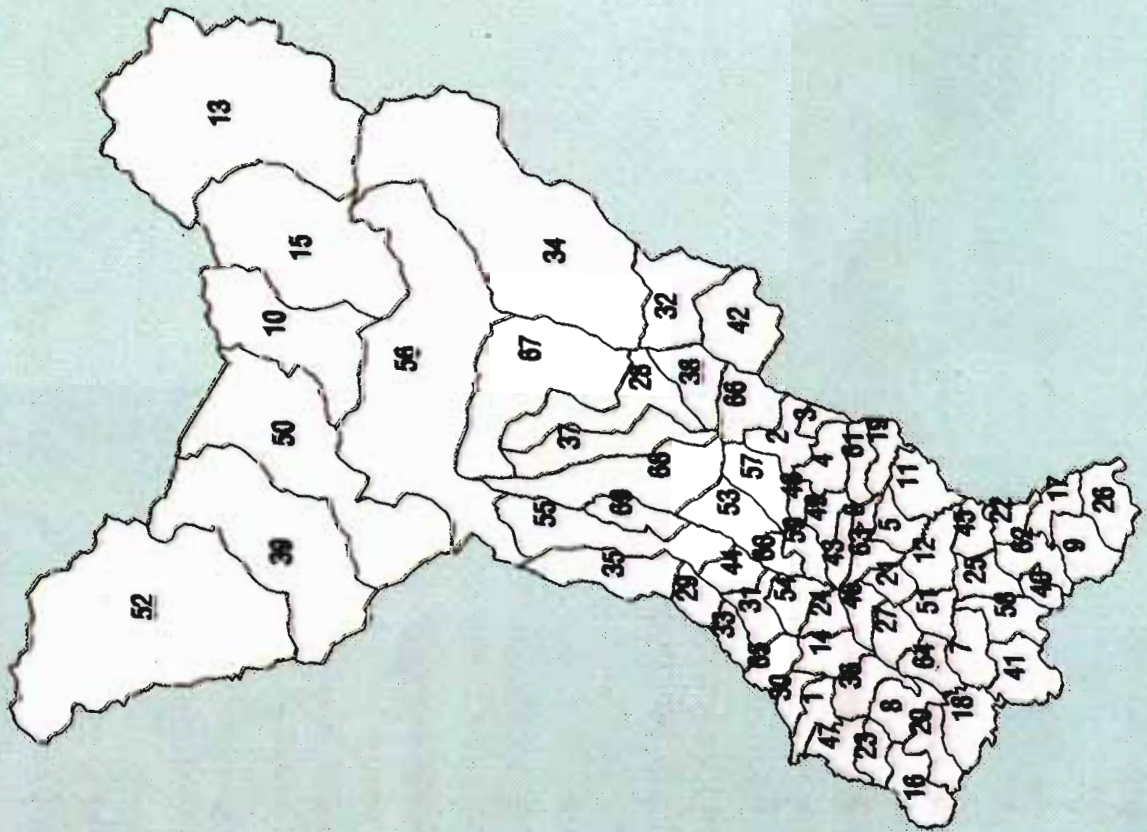
-  < 1,000masl.
-  1,000 - 2,000masl.
-  2,000 - 3,000masl.
-  3,000 - 4,000masl.
-  4,000 - 5,000masl.
-  > 5,000masl.
-  International Boundary
-  District Boundary
-  Bitumen Road
-  Gravelled Road



Map 2 VDC Names

Gorkha District







- | | |
|---------------|----------------------|
| 1 Aampipal | 36 Kopleng |
| 2 AruArbang | 37 Laprak |
| 3 AruChanaute | 38 Lapu |
| 4 AruPokhari | 39 Lho |
| 5 Asrang | 40 Makaising |
| 6 Baguwa | 41 Manakamana |
| 7 Bakrang | 42 Manbu |
| 8 Mirkot | 43 Masel |
| 9 Bhumlíchok | 44 Muchok |
| 10 Bihi | 45 Namjung |
| 11 Borlang | 46 Nareshwar |
| 12 Bungkot | 47 Palungtar |
| 13 Chekampar | 48 Panchkhuwadeurali |
| 14 Choprak | 49 Pandrung |
| 15 Chumchet | 50 Prok |
| 16 Changli | 51 Ranishwara |
| 17 Darbung | 52 Samagaun |
| 18 Deurali | 53 Saurpani |
| 19 Dhawa | 54 Shreenathkot |
| 20 Dhuwakot | 55 Simjung |
| 21 Phinam | 56 Sirdibas |
| 22 Phujel | 57 Swara |
| 23 Gaikhur | 58 Taklung |
| 24 Gakhu | 59 Takukot |
| 25 Gairung | 60 Takumajhiakuri |
| 26 Ghyalchok | 61 Tandrung |
| 27 Gorakhkali | 62 Tanglichok |
| 28 Gumda | 63 Taple |
| 29 Hanspur | 64 Taranagar |
| 30 Harmi | 65 Thalajung |
| 31 Jaubari | 66 Thumi |
| 32 Kashigaun | 67 Uhiya |
| 33 Kerabari | 68 Barpak |
| 34 Kerauja | 69 Ghyachok |
| 35 Kharibot | |

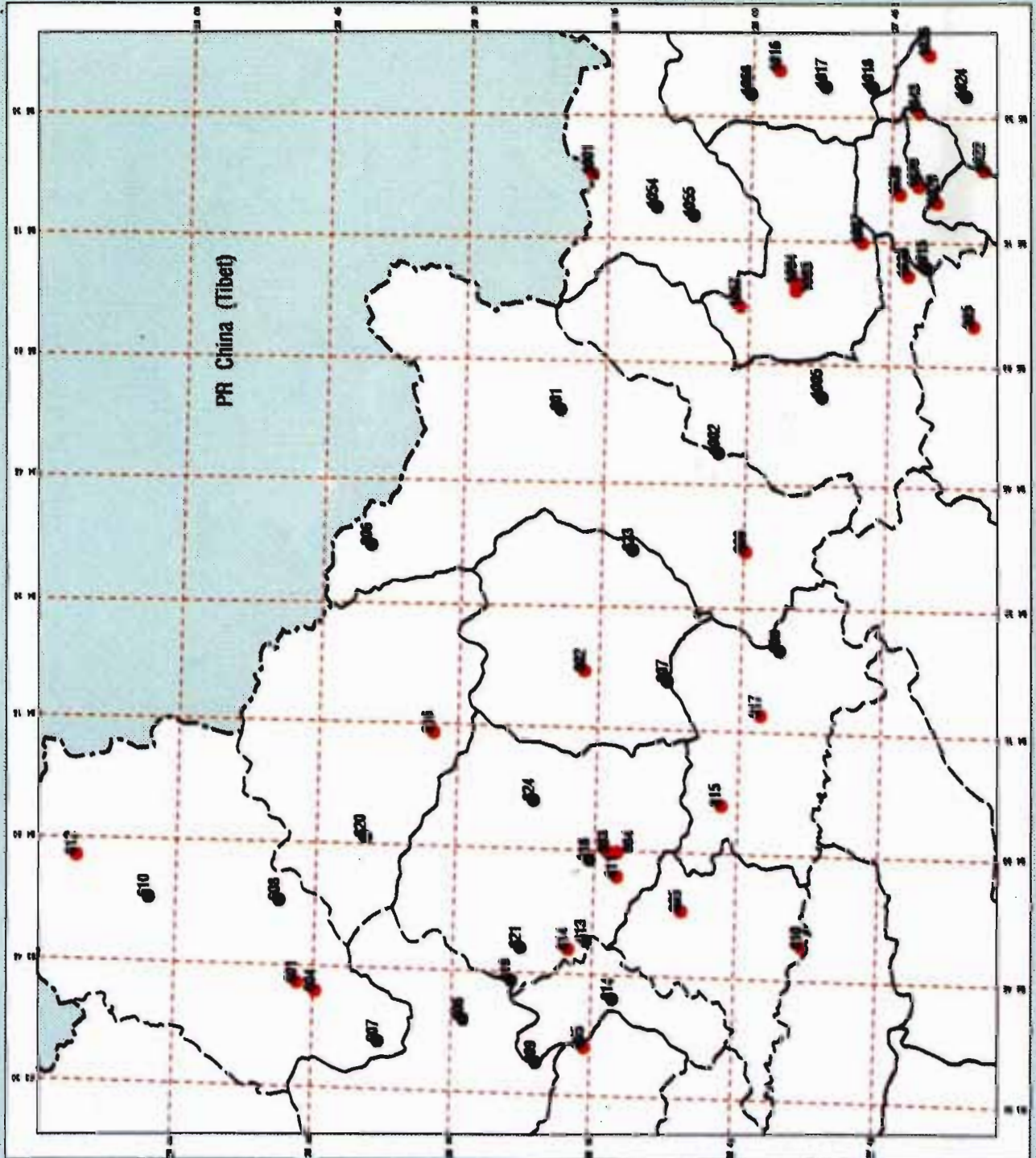


Map 3

Location of Selected Meteorological Stations in Western and Central Nepal

LEGEND

-  International boundary
-  Zonal boundary
-  District boundary
-  Temperature and precipitation measurement
-  Precipitation measurement
-  Station-ID no.

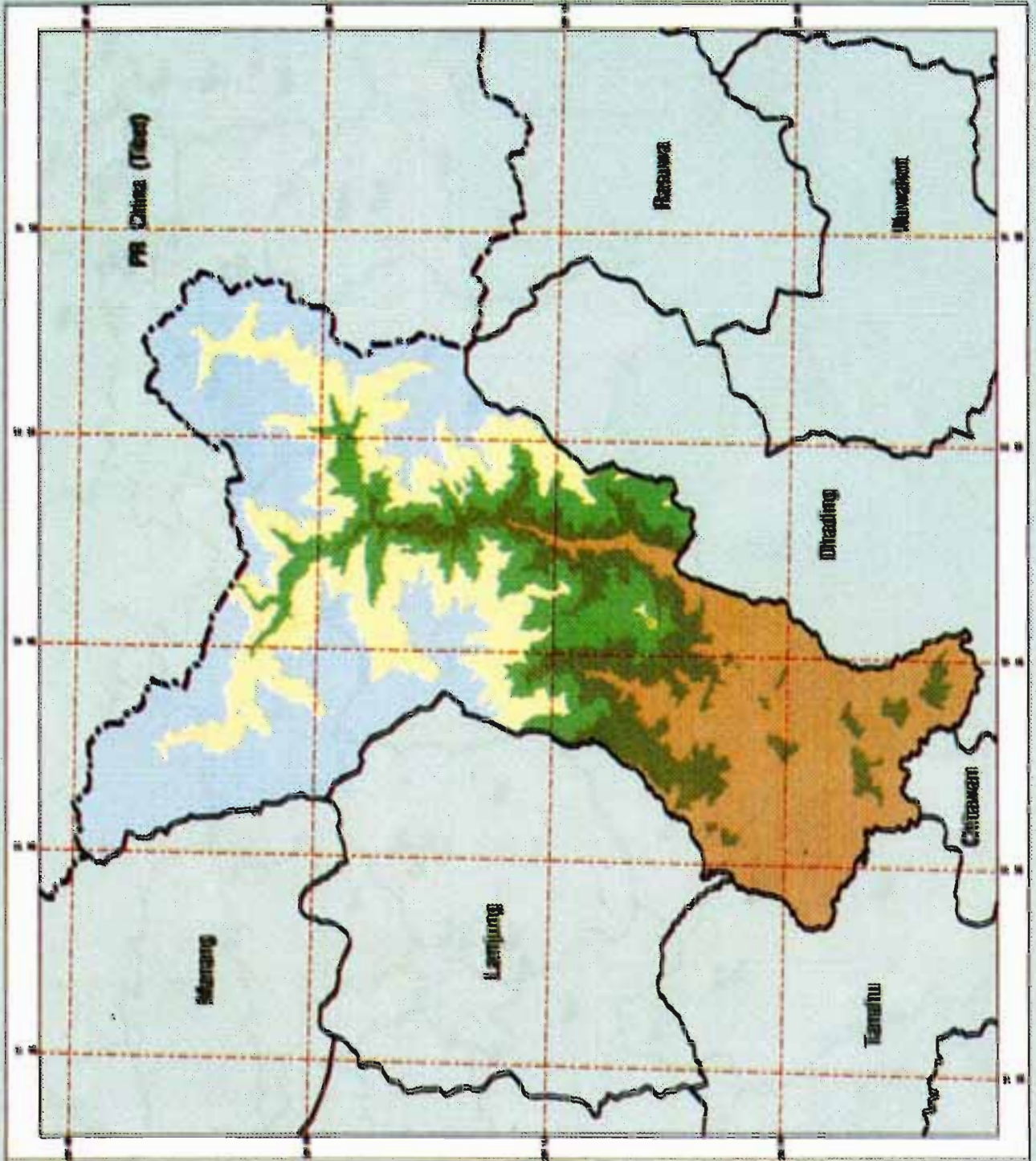


Map 4

Gorkha District
Western Region of Nepal
Temperature Regime
(based on analysis)

LEGEND

- Subtropical (829.7 sq.km.)
- Warm temperate (432.8 sq.km.)
- Cool temperate (447.7 sq.km.)
- Alpine (721.7 sq.km.)
- Arctic (1,210.7 sq.km.)



Map 5





Gorkha District

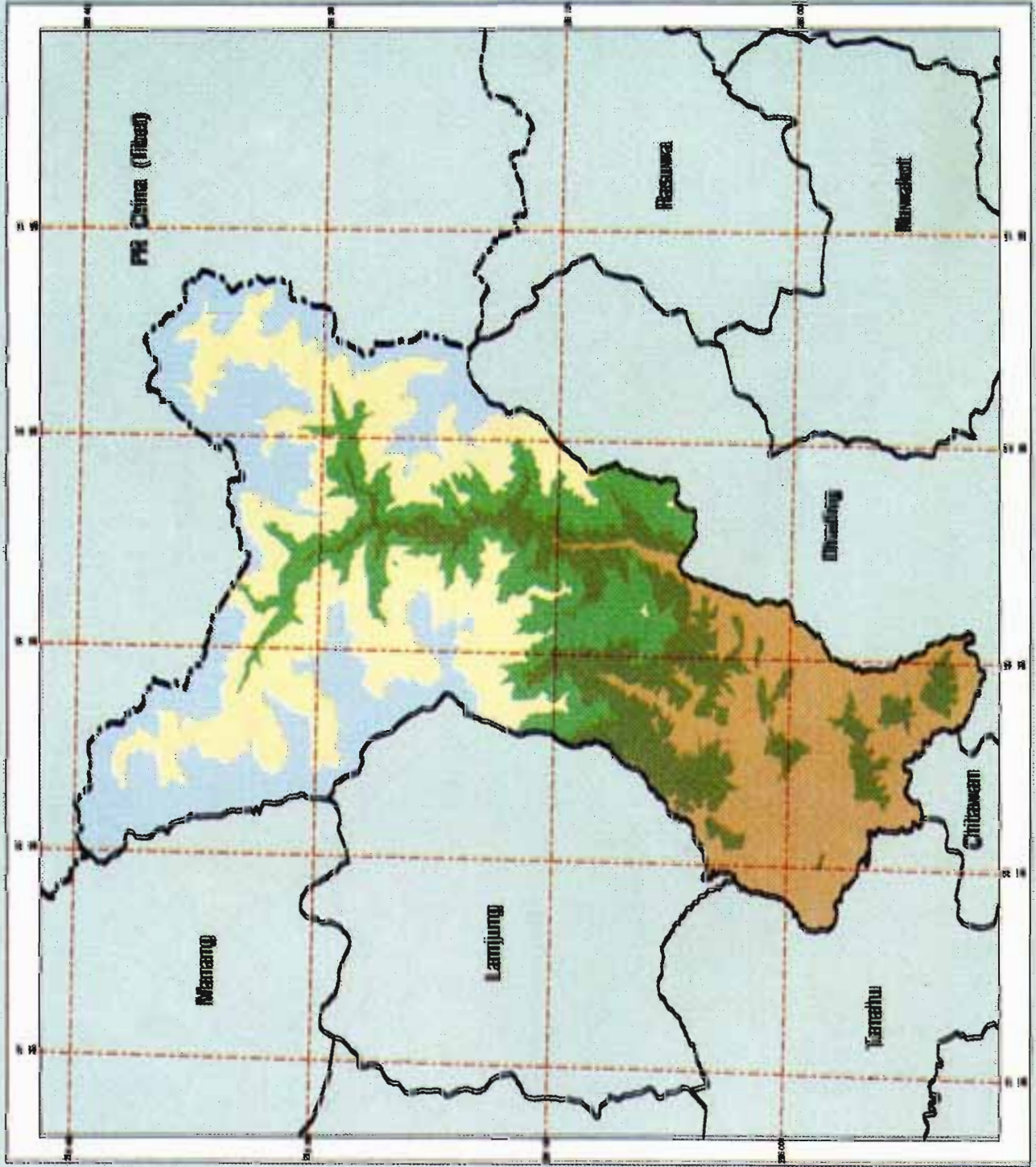
Western Region of Nepal

Temperature Regime

(based on LRMP data)

LEGEND

-  Subtropical (721.6 sq.km)
-  Warm temperate (534.8 sq.km)
-  Cool temperate (529.9 sq.km)
-  Alpine (968.8 sq.km)
-  Arctic (891.1 sq.km)



Map 6






Gorkha District

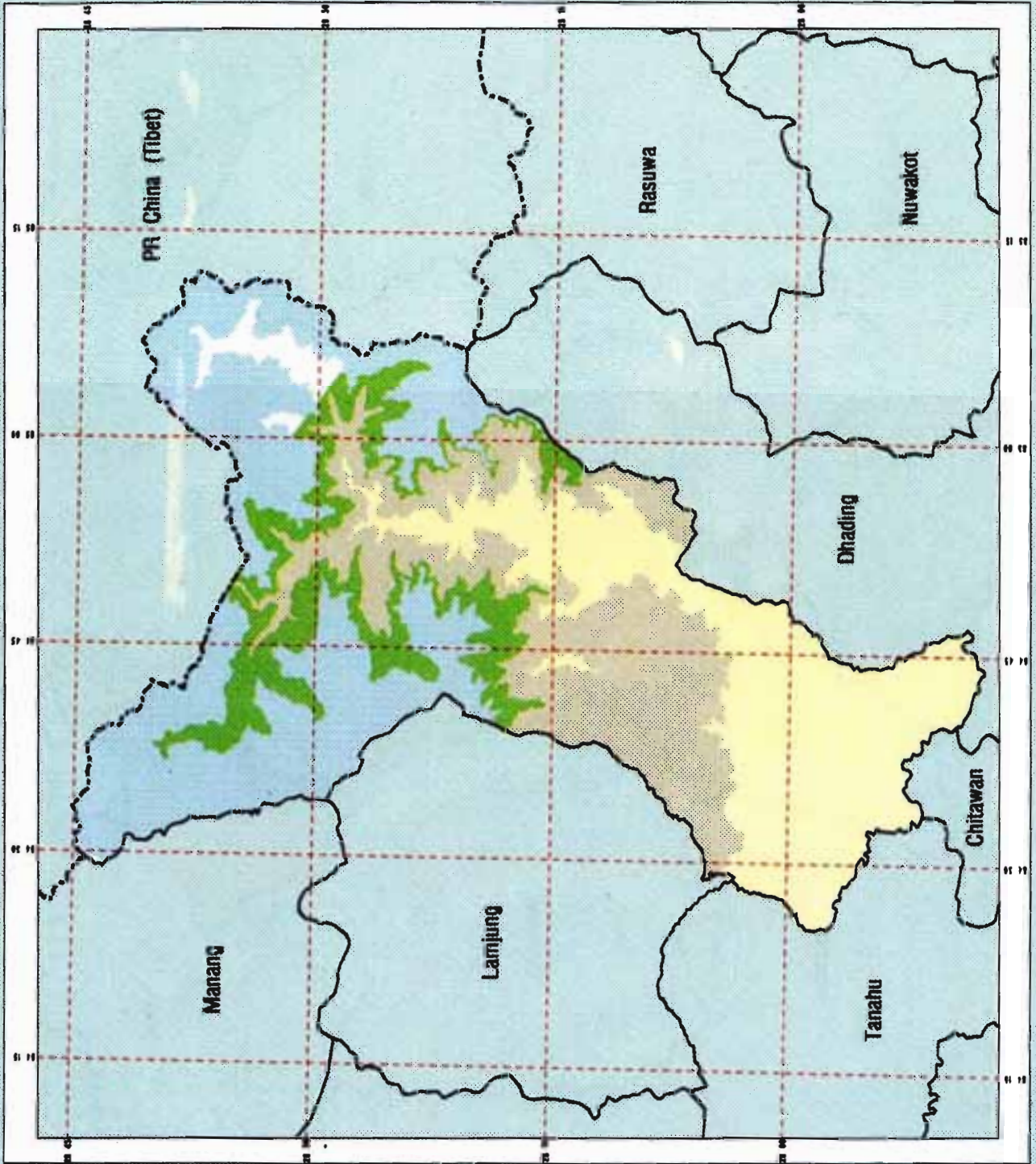
Western Region of Nepal

Moisture Regime

(based on analysis)

LEGEND

-  Subhumid (995.0 sq.km.)
-  Humid (905.7 sq.km.)
-  Perhumid (460.9 sq.km.)
-  Arctic Temperature Regime (1,210 sq.km.)
-  No data (69.0 sq.km.)



Map 7

Gorkha District

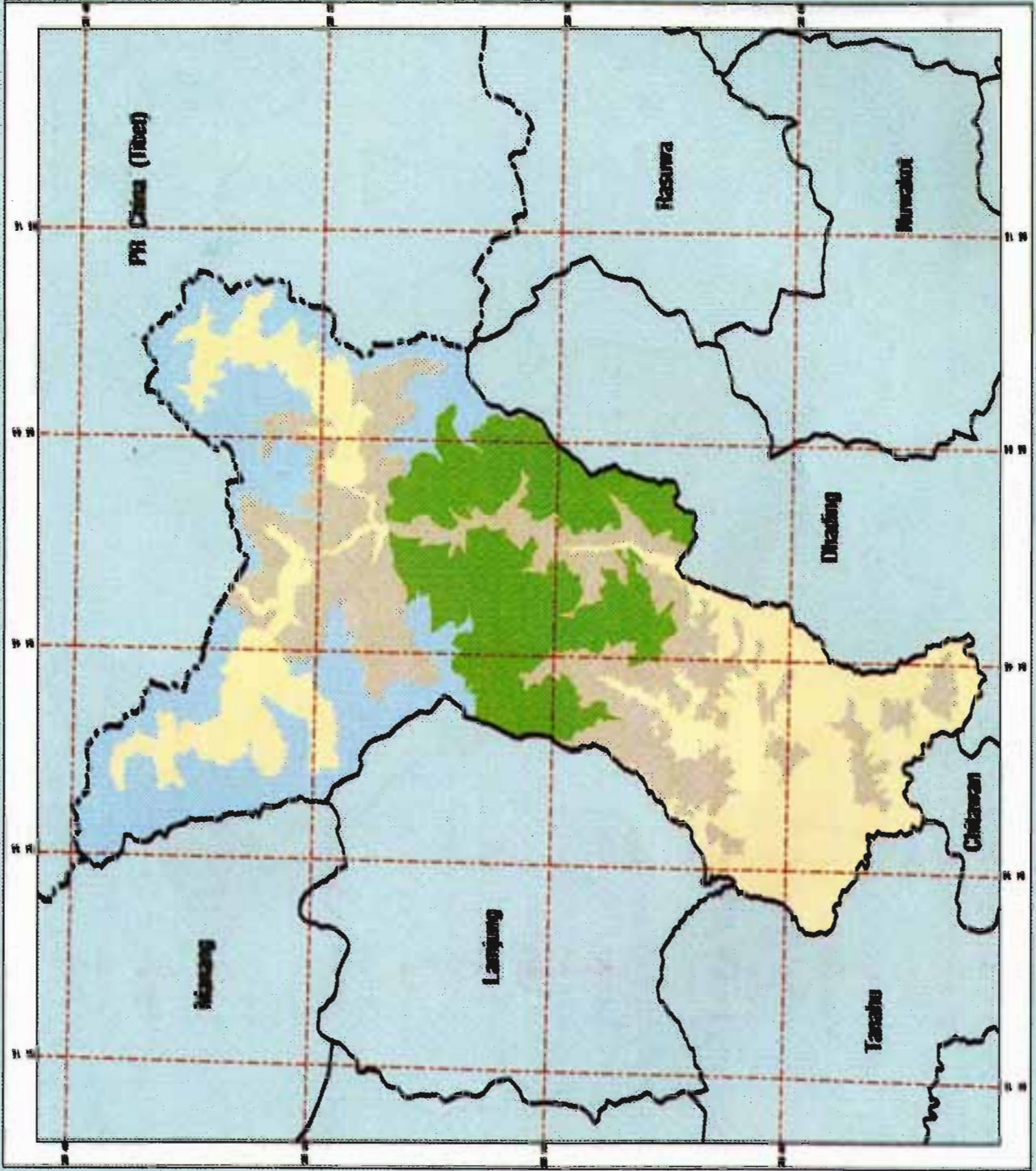
Western Region of Nepal

Moisture Regime

(based on LRMP data)

LEGEND

-  Subhumid (1,134.5 sq.km.)
-  Humid (928.5 sq.km.)
-  Perhumid (692.1 sq.km.)
-  No data (891.1 sq.km.)
(arctic temperature regime)



Map 8

Gorkha District

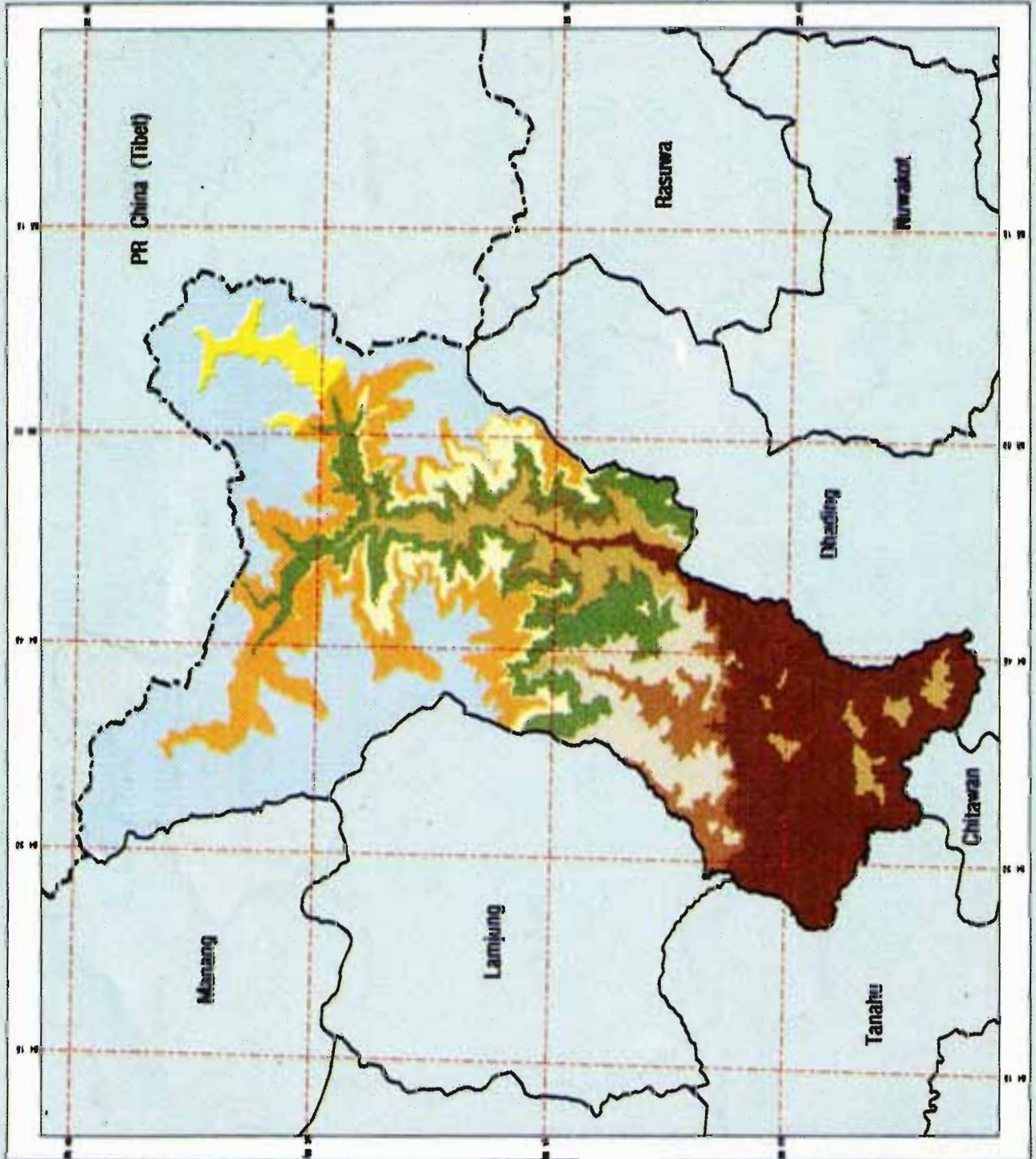
Western Region of Nepal

Agroclimatic Zonation

(based on analysis)

LEGEND

- Subtropical/subhumid (705.4 sq.km)
- Subtropical/humid (122.7 sq.km)
- Warm temperate/subhumid (210.2 sq.km)
- Warm temperate/humid (222.5 sq.km)
- Cool temperate/subhumid (79.4 sq.km)
- Cool temperate/humid (387.5 sq.km)
- Alpine/humid (193.0 sq.km)
- Alpine/perhumid (480.9 sq.km)
- Alpine/no data (69.0 sq.km)
- Arctic (1,210.0 sq.km)



Map 9

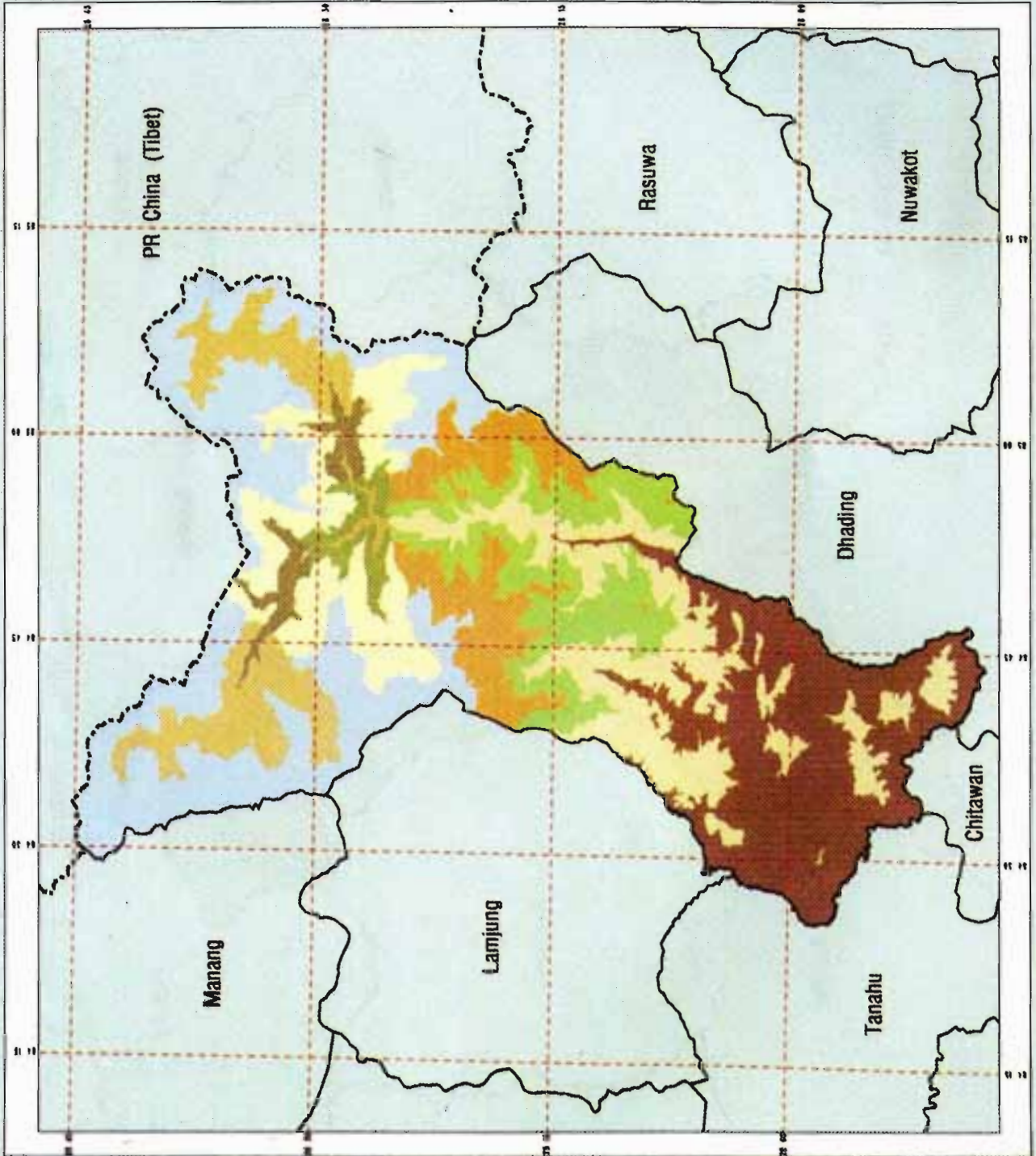
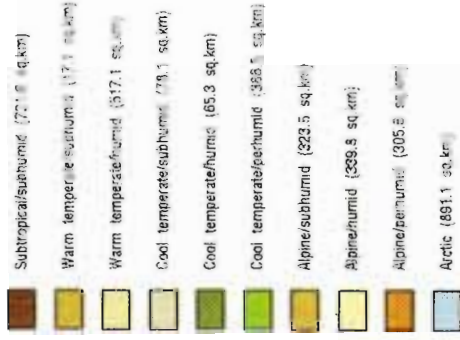
Gorkha District

Western Region of Nepal

Agroclimatic Zonation

(based on LRMP data)

LEGEND



Map 10

Gorkha District

Western Region of Nepal


Distribution of VDCs

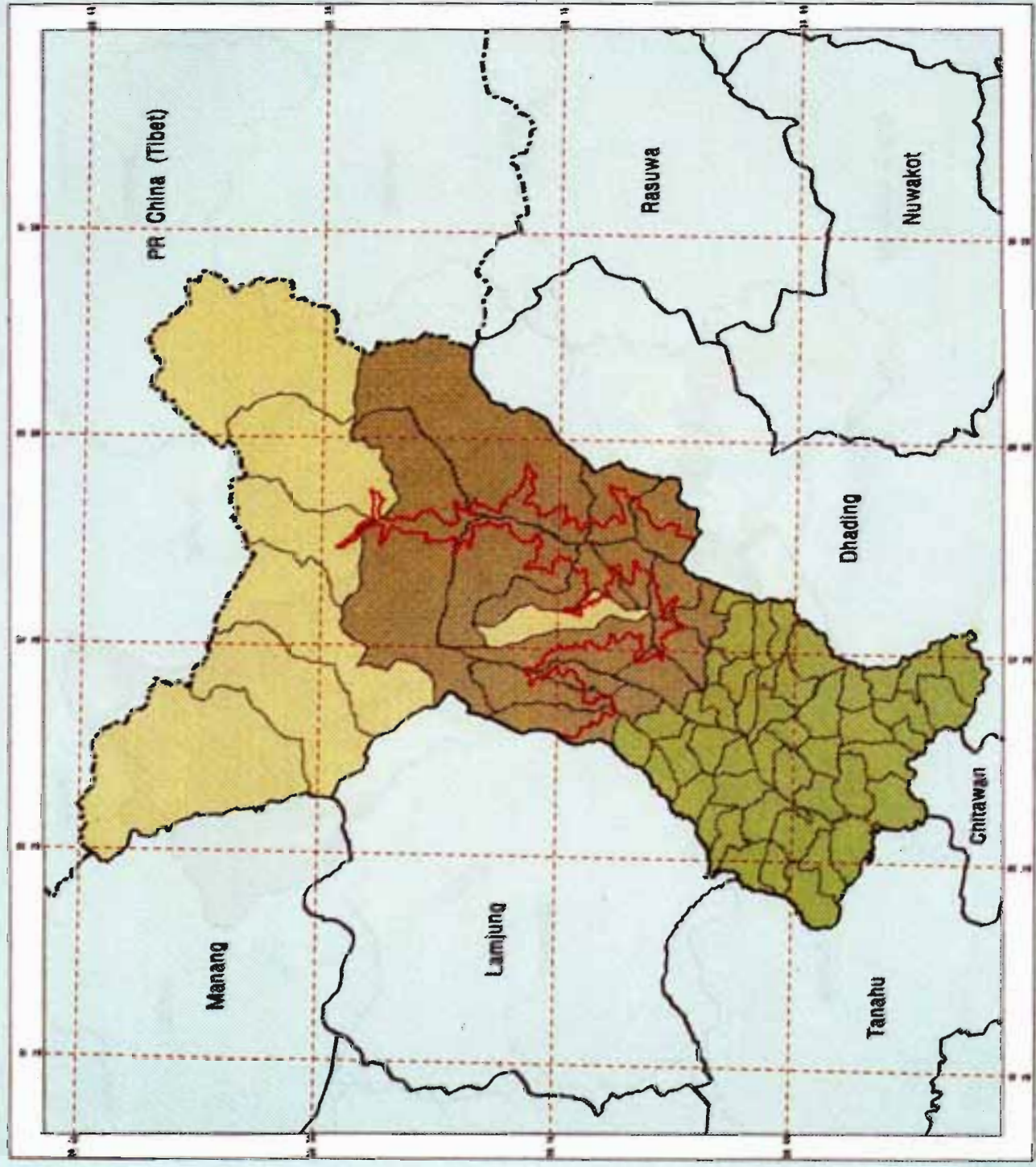
According to Climatic Zones

LEGEND

LOCATION OF VDCs

-  in warm zone [47 no.]
-  in warm & cool zones [15 no.]
-  in cool zone [7 no.]

 Temperature Isoline
(15°C, approx. 2,000masl)



Map 11

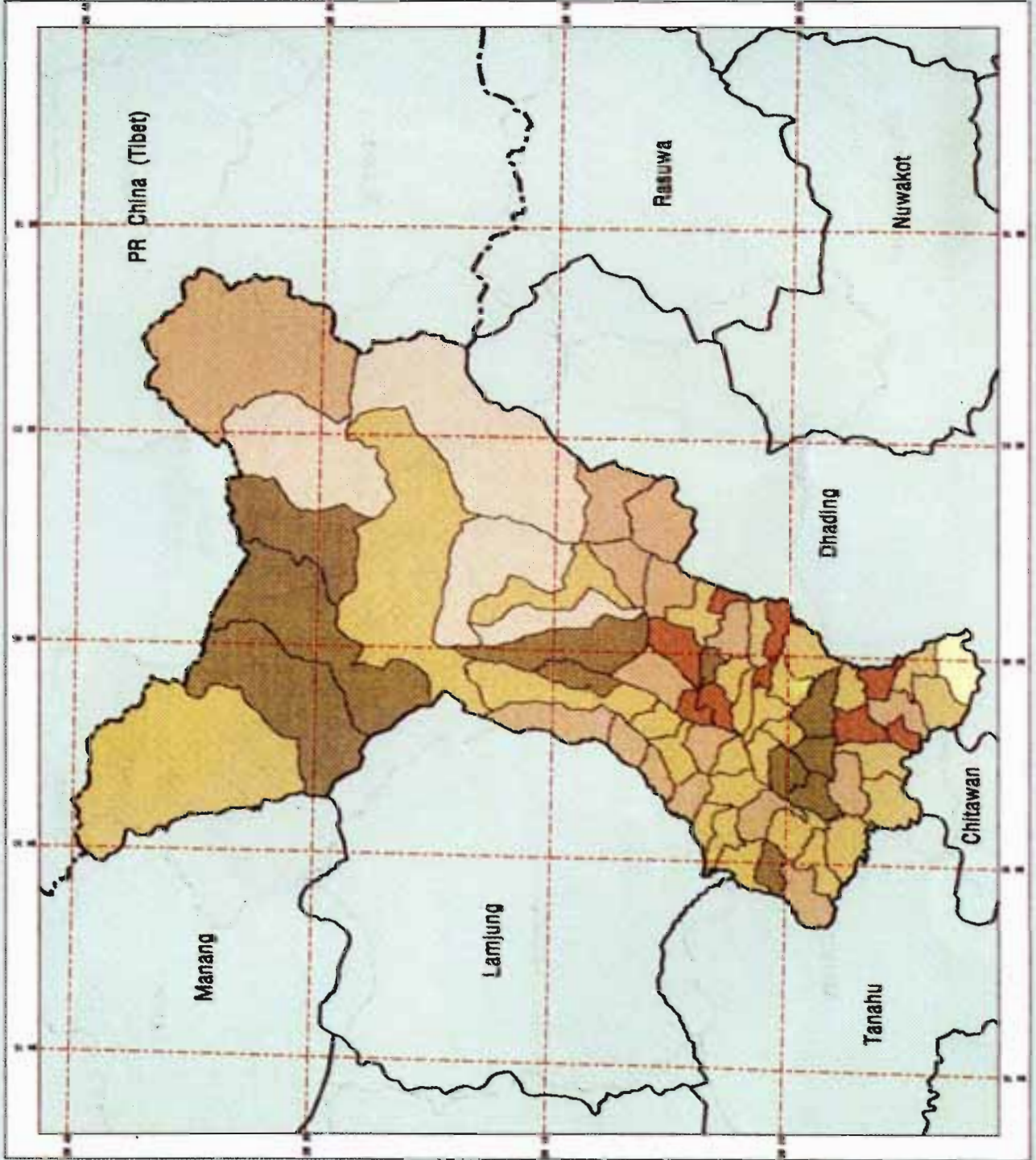
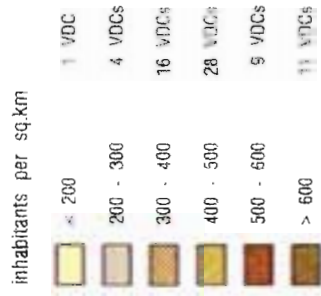
Gorkha District

Western Region of Nepal

Population Density

relative to agricultural area

LEGEND



Map 12

Gorkha District

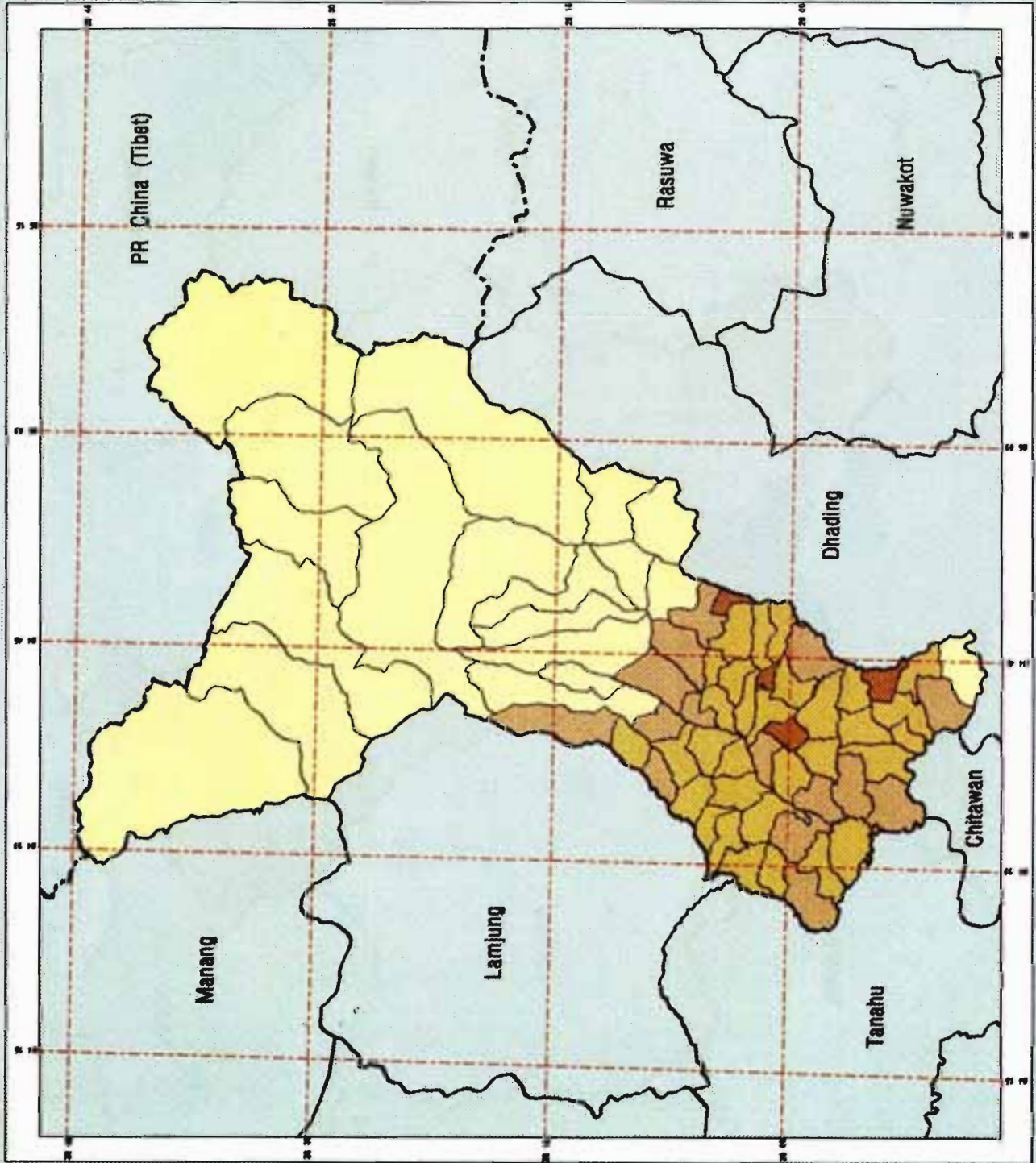
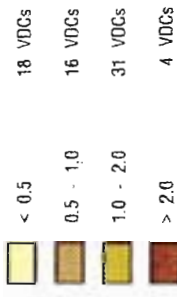
Western Region of Nepal

Livestock Density

relative to total area excluding
wasteland

LEGEND

livestock units per hectare

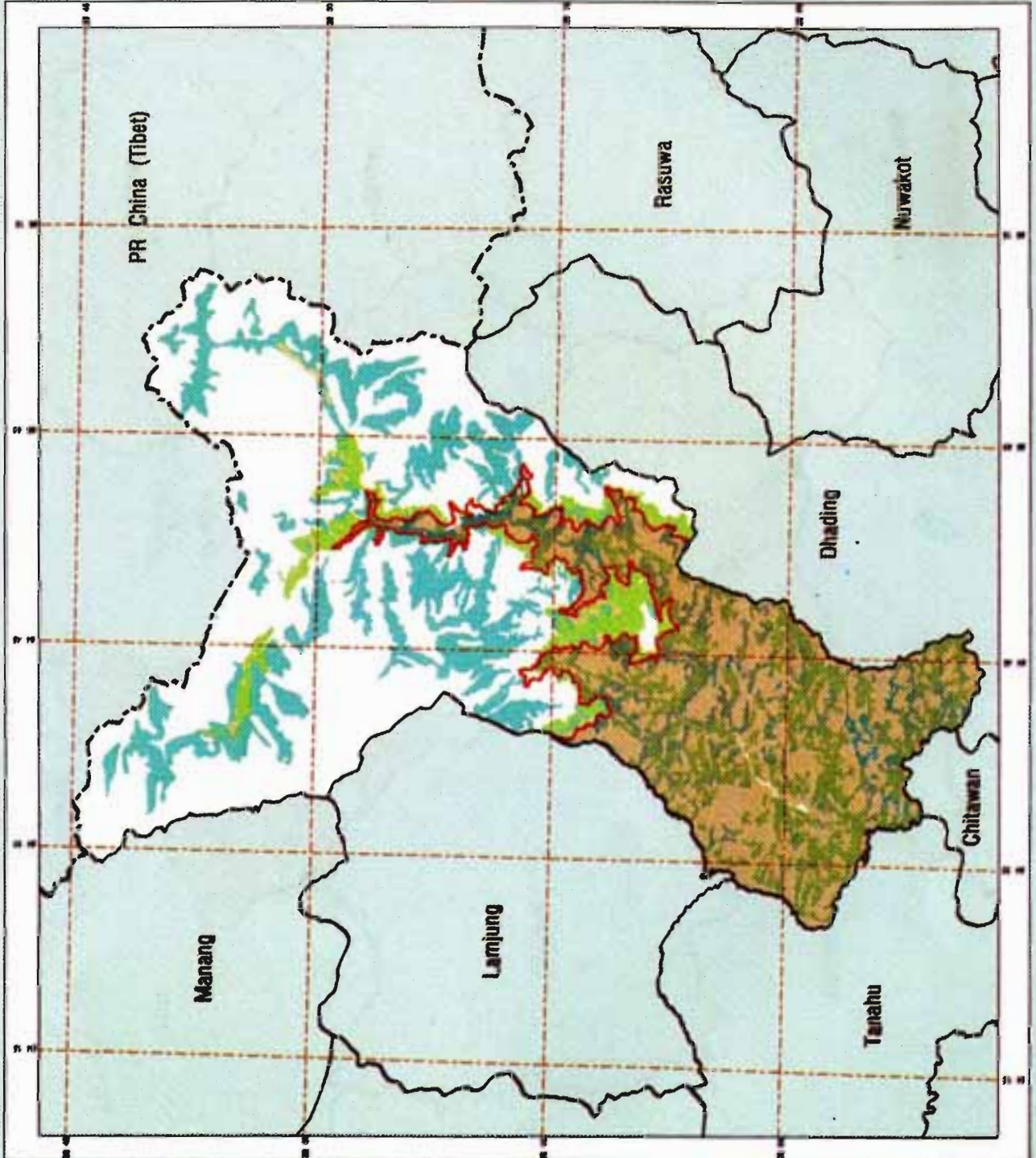


Map 13

Gorkha District
Western Region of Nepal
Fodder Sources

LEGEND

- Warm to Subtropical Temperature Regime
 - Cultivated Land (631.7 sq.km.)
 - Forest (369.7 sq.km.)
 - Shrubland (181.4 sq.km.)
 - Grazing Land (47.7 sq.km.)
- Cool to Alpine Temperature Regime
 - Cultivated Land (28.4 sq.km.)
 - Forest (160.6 sq.km.)
 - Shrubland (27.6 sq.km.)
 - Grazing Land (537.2 sq.km.)
- Temperature Isoline (15°C; approx. 2,000masl)



Map 14

Gorkha District

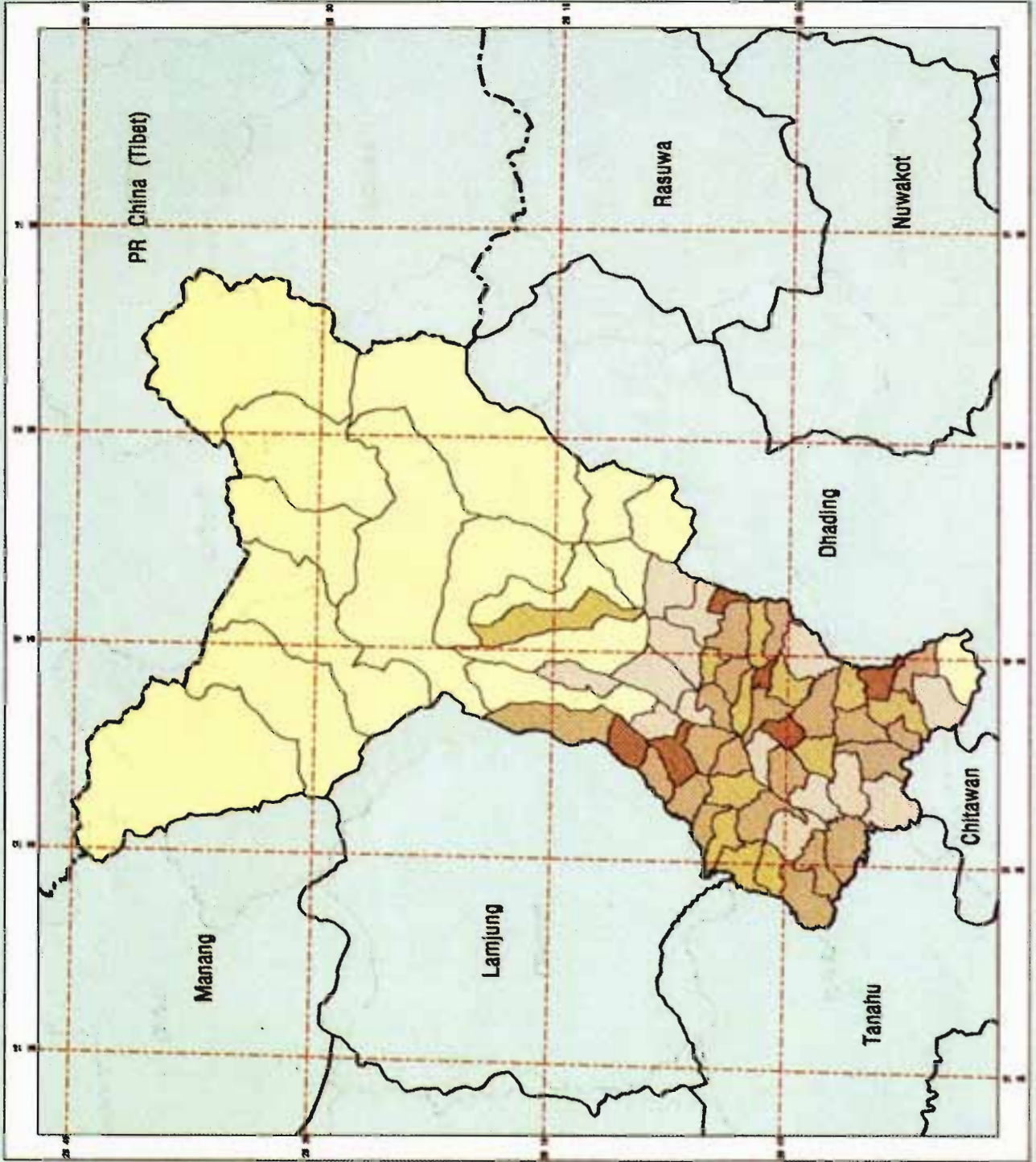
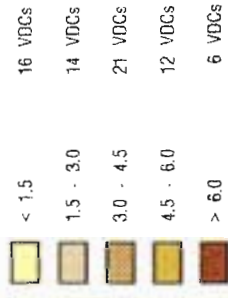
Western Region of Nepal

Feed Requirements

(per hectare of total area excluding wasteland)

LEGEND

Metric Tonnes Dry Matter per hectare



Map 15

Gorkha District

Western Region of Nepal

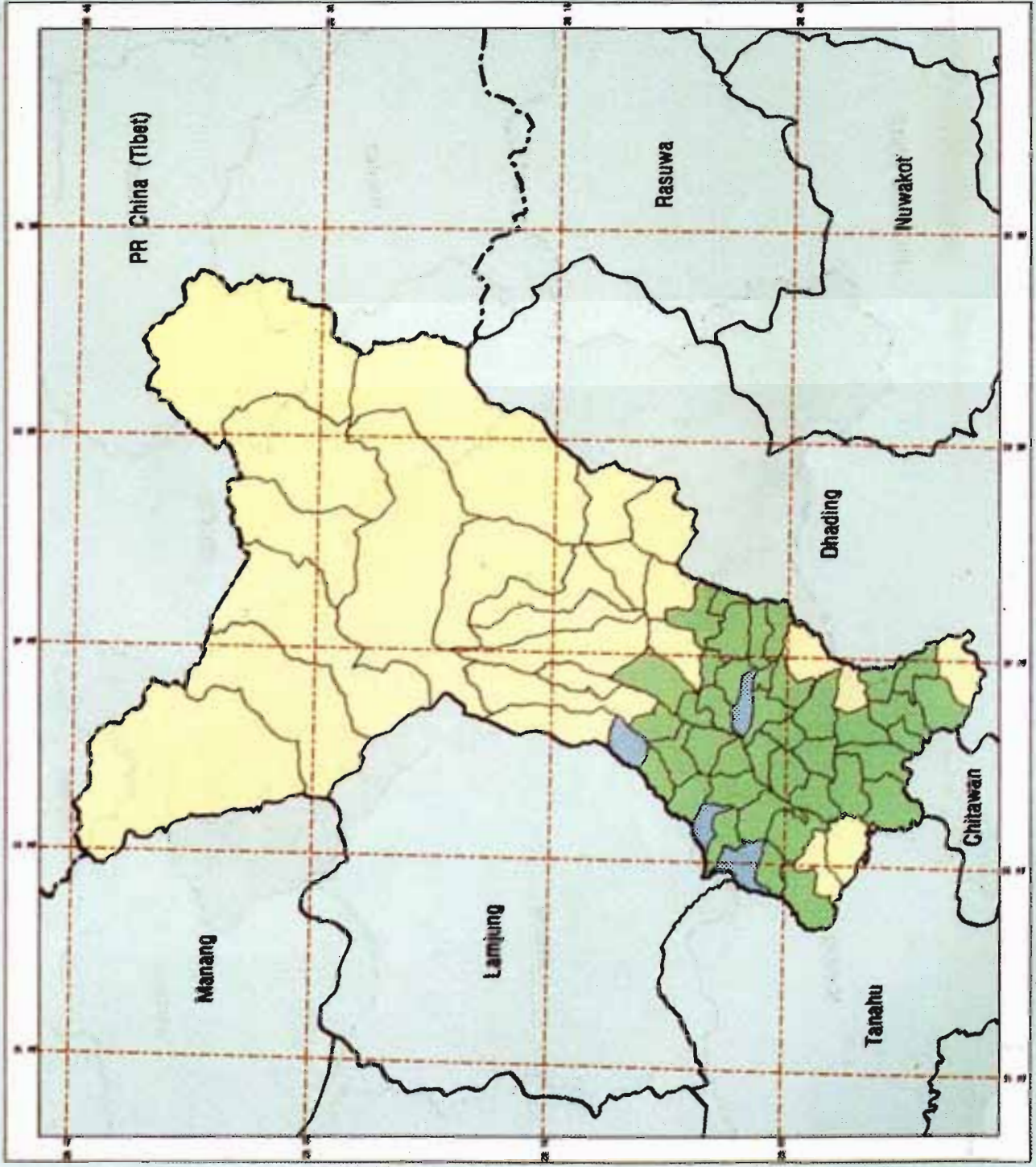
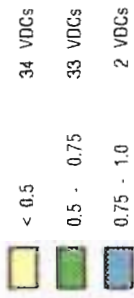
Livestock Carrying Capacity

based on ideal feed supply;

400kg body weight

LEGEND

livestock units per hectare



Map 16

Gorkha District





Western Region of Nepal

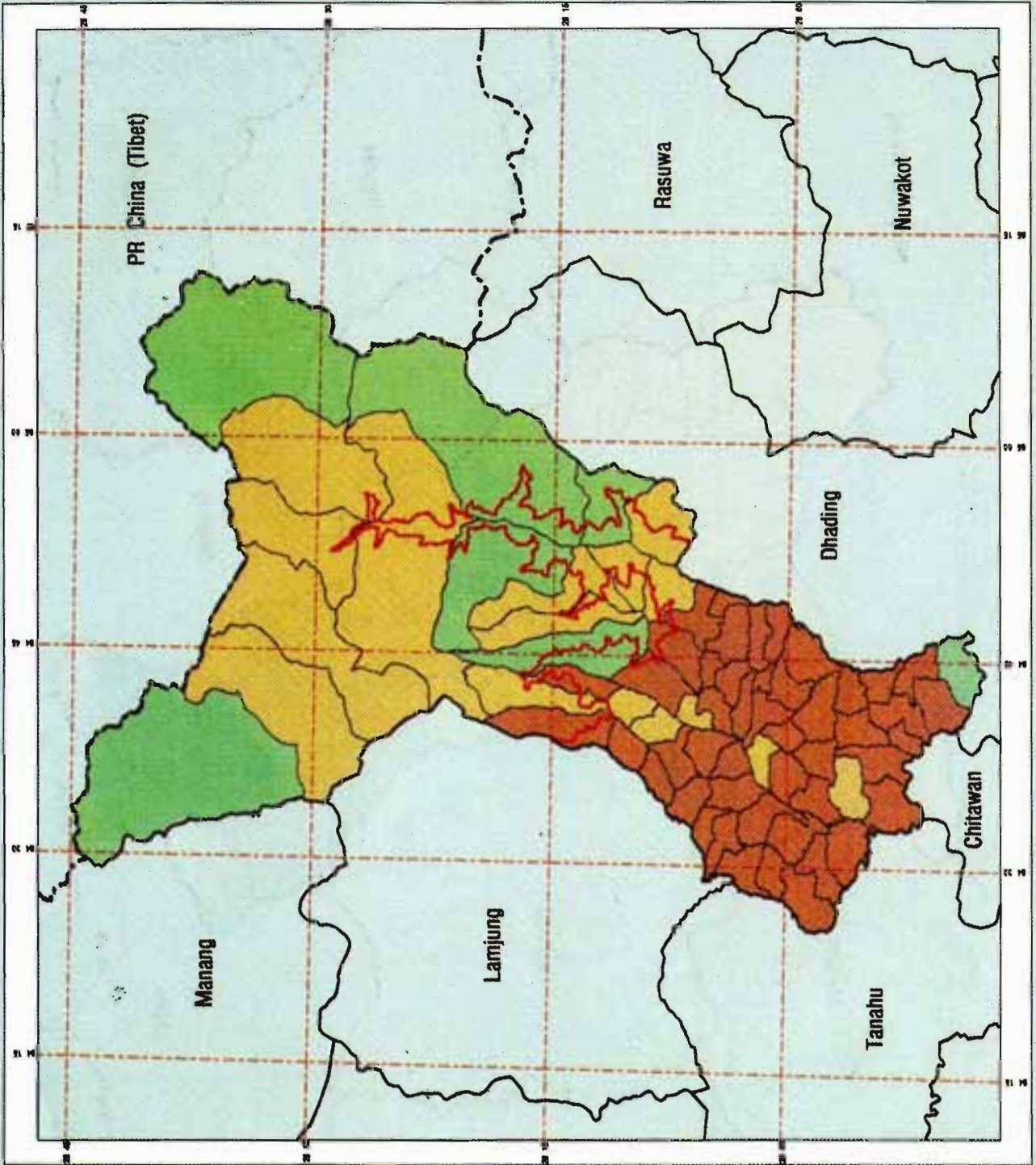
Feed Situation

based on ideal feed supply;

400kg body weight

LEGEND

-  Deficit Area (< 80%) 47 VDCs
-  Sufficiency Area (80 - 120%) 15 VDCs
-  Surplus Area (120%) 7 VDCs
-  Temperature isoline (15°C; approx. 2,000masl)



Map 17





Gorkha District

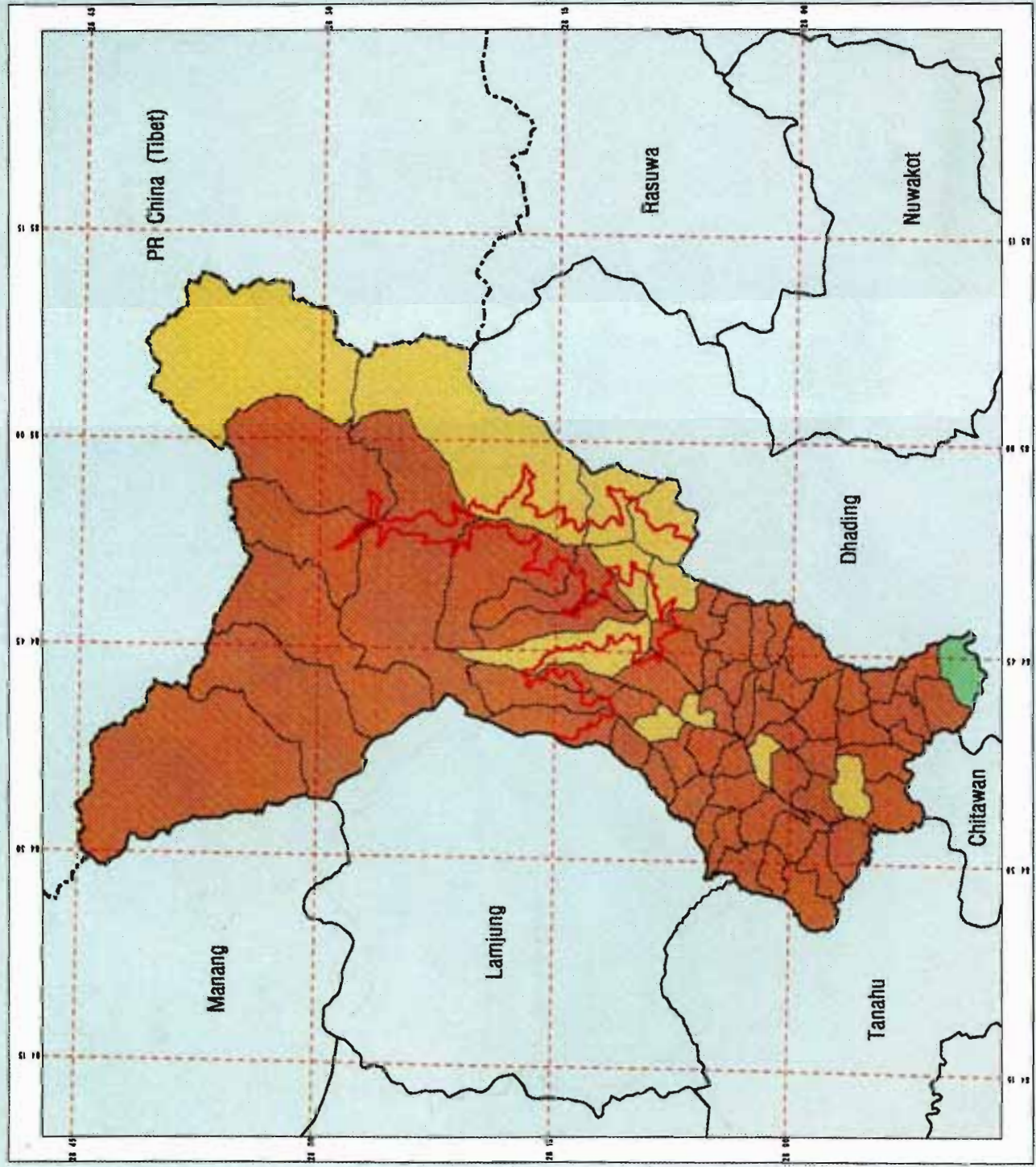
Western Region of Nepal

Feed Situation

based on ideal feed supply;
& limited access to pastures

LEGEND

-  Deficit Area (< 80%) 57 VDCs
-  Sufficiency Area (80 - 120%) 11 VDCs
-  Surplus Area (120%) 1 VDC
-  Temperature Isoline (15°C: approx. 2,000masl)



Map 18

Gorkha District





Western Region of Nepal

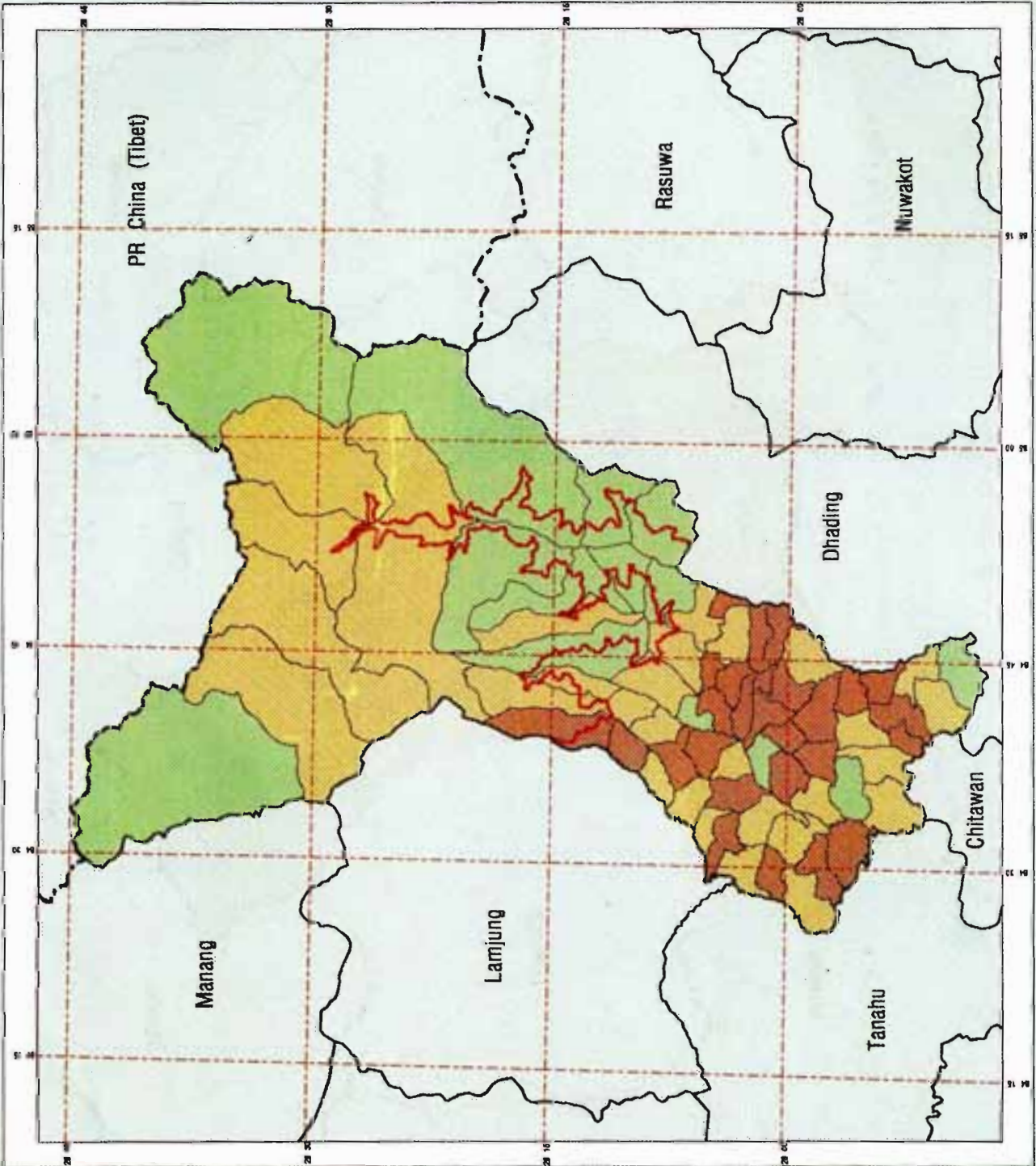
Feed Situation

based on insufficient feed supply;

250kg body weight

LEGEND

-  Deficit Area (< 80%) 27 VDCs
-  Sufficiency Area (80 - 120%) 28 VDCs
-  Surplus Area (120%) 14 VDCs
-  Temperature Isoline (15 C: approx. 2,000masl)



Map 19





Gorkha District

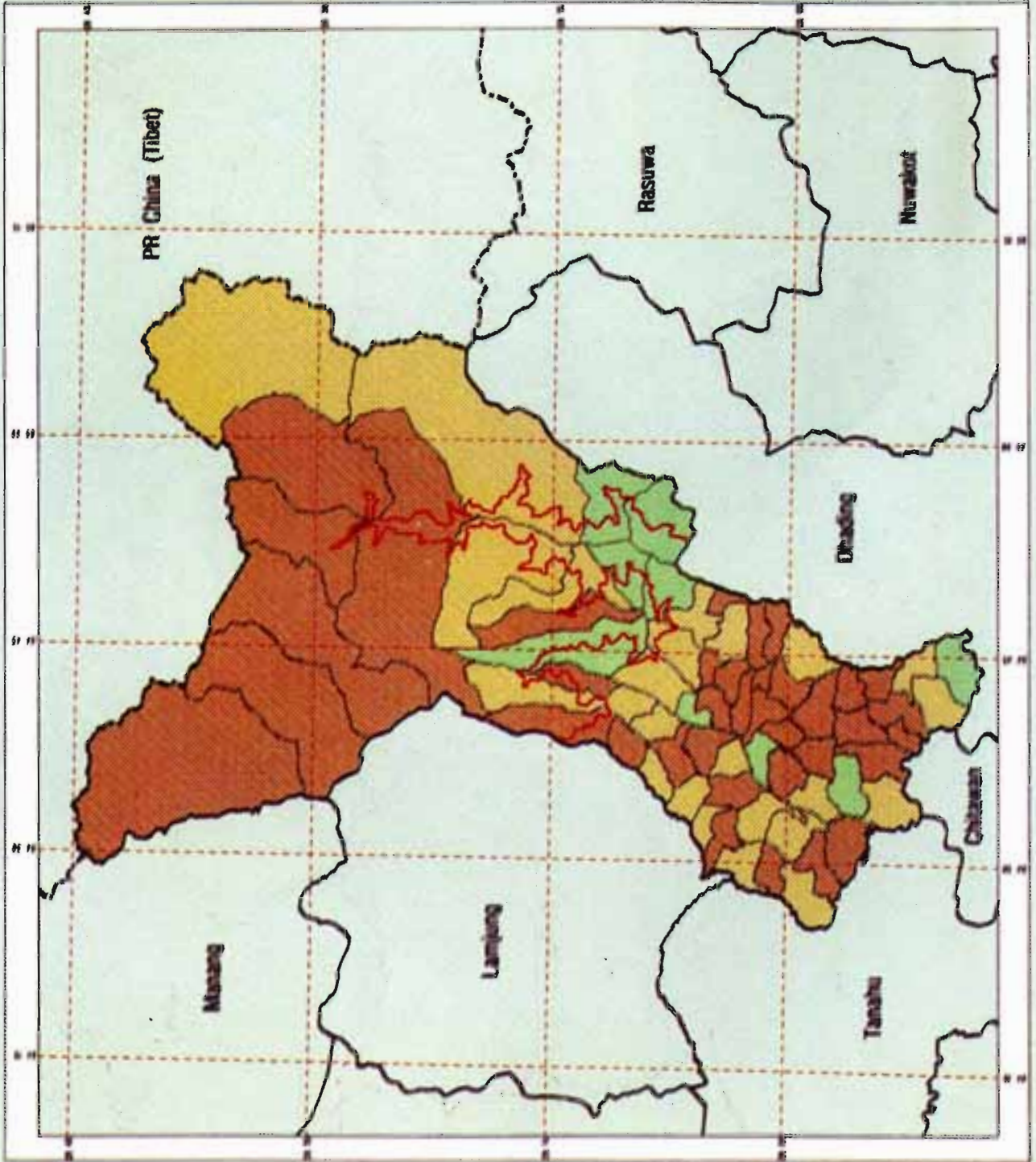
Western Region of Nepal

Feed Situation

based on insufficient feed supply;
& limited access to pastures

LEGEND

-  Deficit Area (< 80%) 37 VDCs
-  Sufficiency Area (80 - 120%) 23 VDCs
-  Surplus Area (120%) 9 VDCs
-  Temperature isoline (15°C approx. 2,000masl)



Map 20











Gorkha District

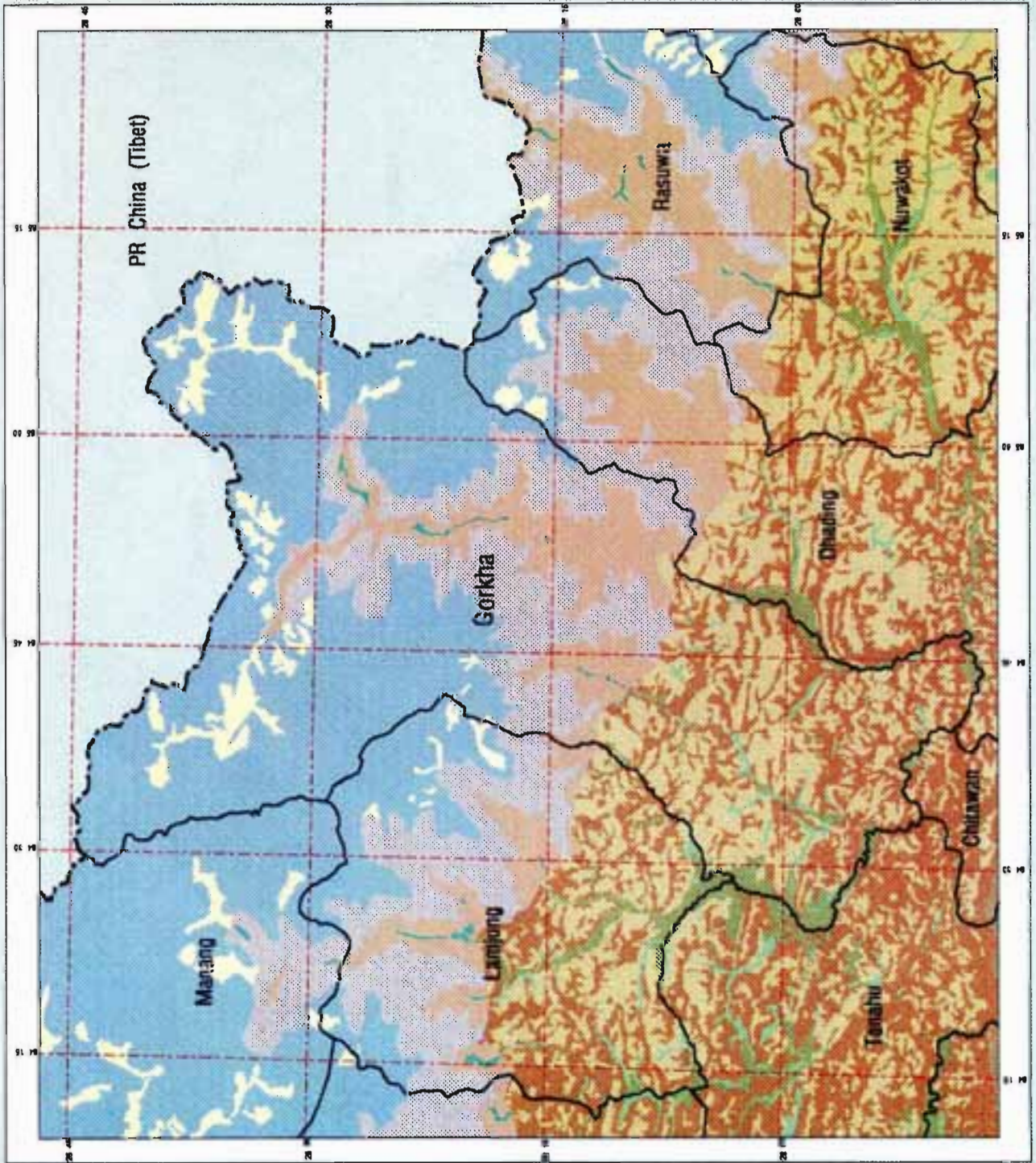
Western Region of Nepal

Land System

LEGEND

(area size refers to Gorkha only)

-  **SIWALIK REGION**
-  **MIDDLE MOUNTAIN REGION**
moderately to steeply sloping terrain
slopes < 30° (495.9 sq.km)
-  steeply to very steeply sloping terrain
slopes > 30° (392.9 sq.km)
-  alluvial plains and fans (54.7 sq.km)
-  ancient lake and river terraces
(61.4 sq.km)
-  **HIGH MOUNTAIN REGION**
past glaciated mountainous terrain
below limit of arable agriculture
(326.6 sq.km)
-  past glaciated mountainous terrain
above limit of arable agriculture
(560.5 sq.km)
-  alluvial plains and fans (7.2 sq.km)
-  **HIGH HIMALAYAN REGION**
steeply to very steeply sloping terrain
(690.0 sq.km)
-  alluvials, colluvials and morainal
depositional surfaces (14.8 sq.km)



Map 21








Gorkha District

Western Region of Nepal

Land Utilisation in 1979

LEGEND

(area size refers to Gorkha only)

-  Sloping Terraces (125.7 sq.km.)
-  Level Terraces (434.1 sq.km.)
-  Valley Floors (9.4 sq.km.)
-  Zars, Foot Slopes (90.9 sq.km.)
-  Grazing Land (584.9 sq.km.)
-  Forest (897.4 sq.km.)
-  Shrubland (243.0 sq.km.)
-  Rocks, Sand (847.4 sq.km.)
-  Snow and ice (413.8 sq.km.)
-  Urban



Map 22

Gorkha District

Western Region of Nepal

Potential Horticultural

Development Area

LEGEND

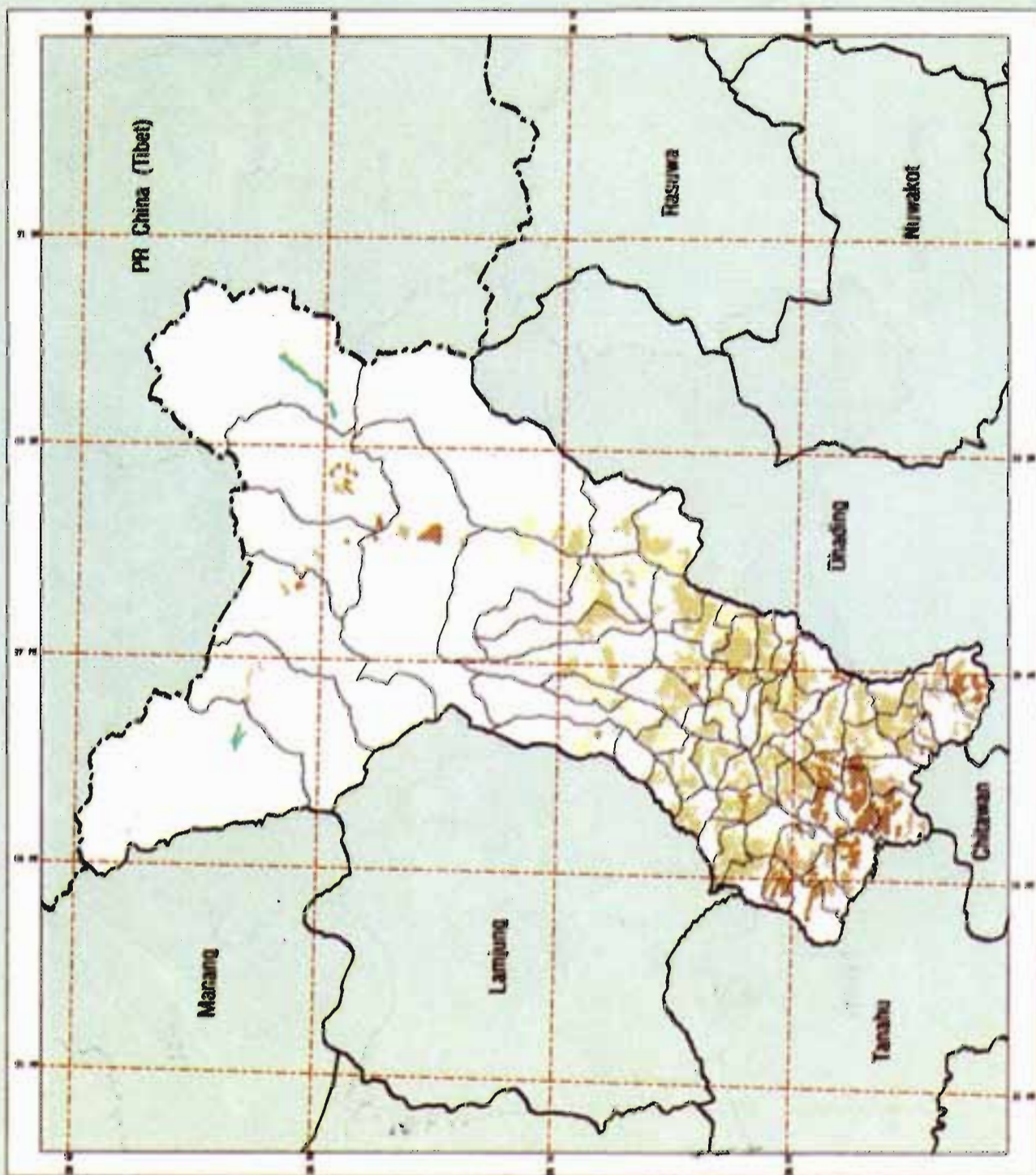
SLOPING TERRACES

- low-density cultivated (36 sq.km)
- medium density cultivated (66 sq.km)

LEVEL TERRACES

- low-density cultivated (94 sq.km)
- medium density cultivated (244 sq.km)
- intensely cultivated (1 sq.km)

FOOT BLOWNS AND TARS (6 sq.km)



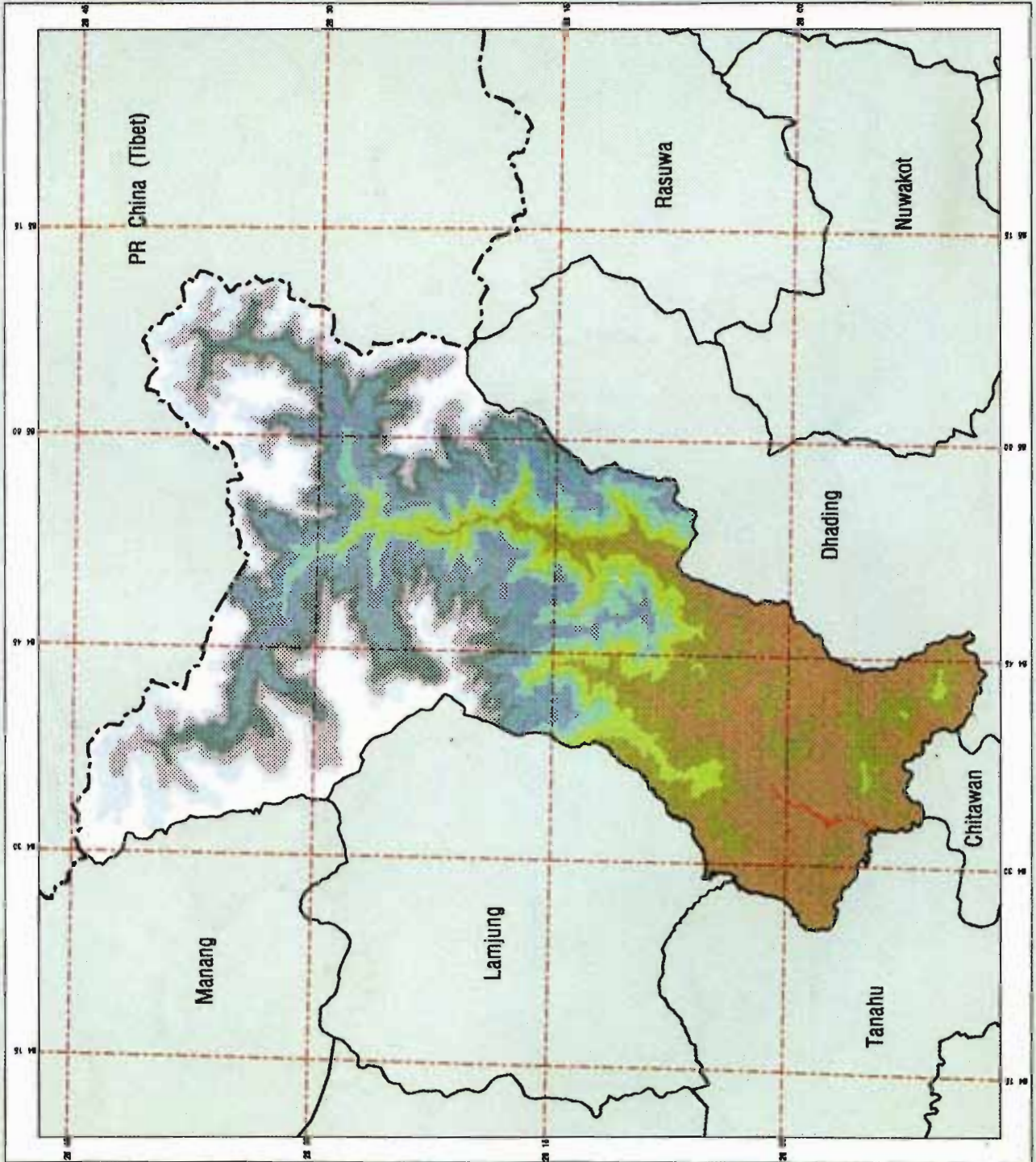
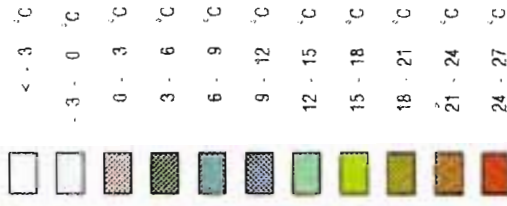
Map 23

Gorkha District

Western Region of Nepal

Mean Annual Temperature

LEGEND



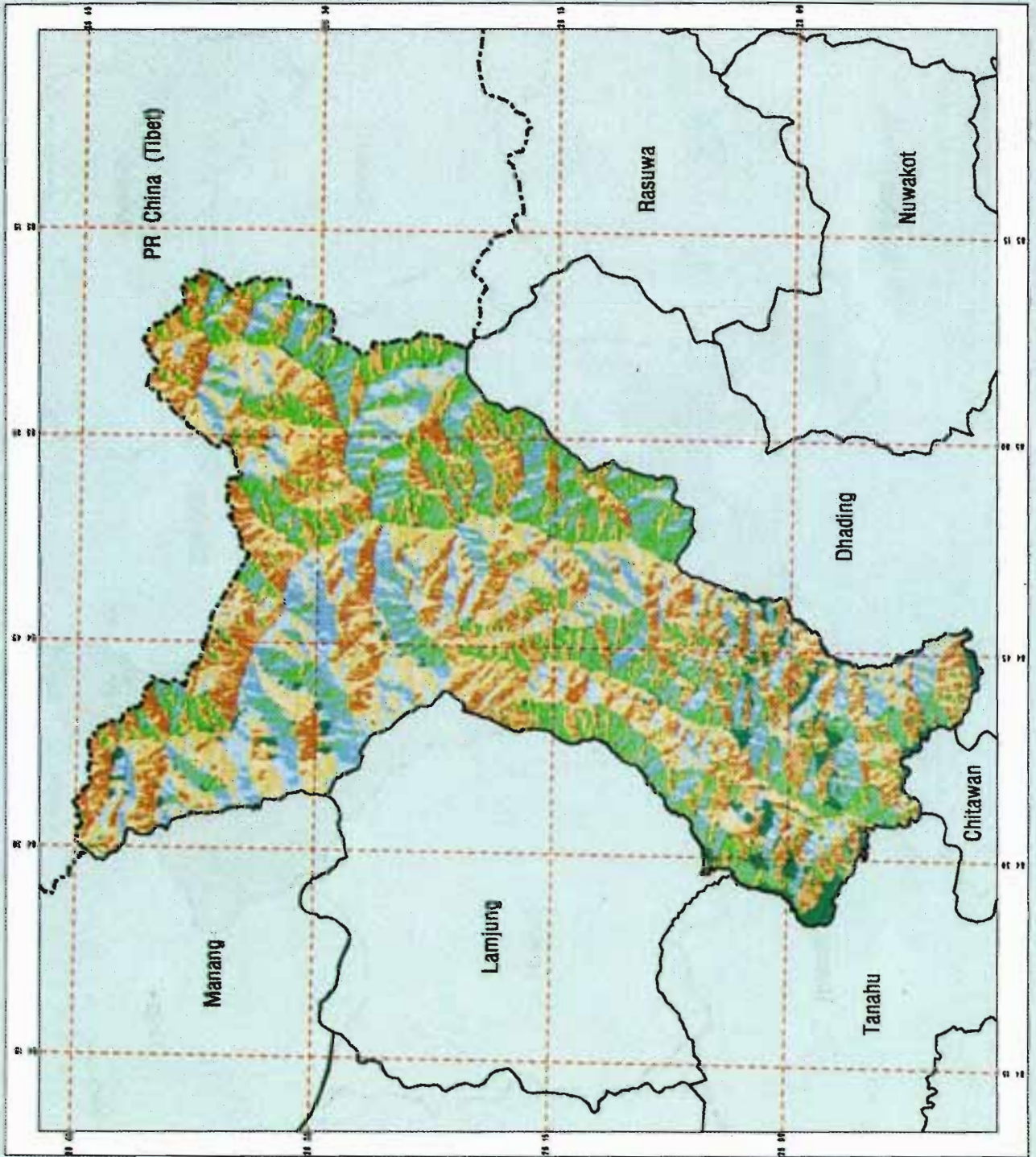
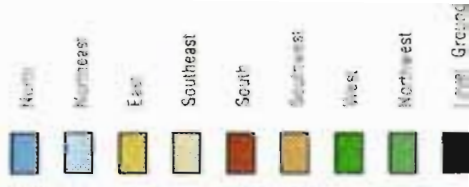
Map 24

Gorkha District

Western Region of Nepal

ASPECT

LEGEND



Map 25

Gorkha District

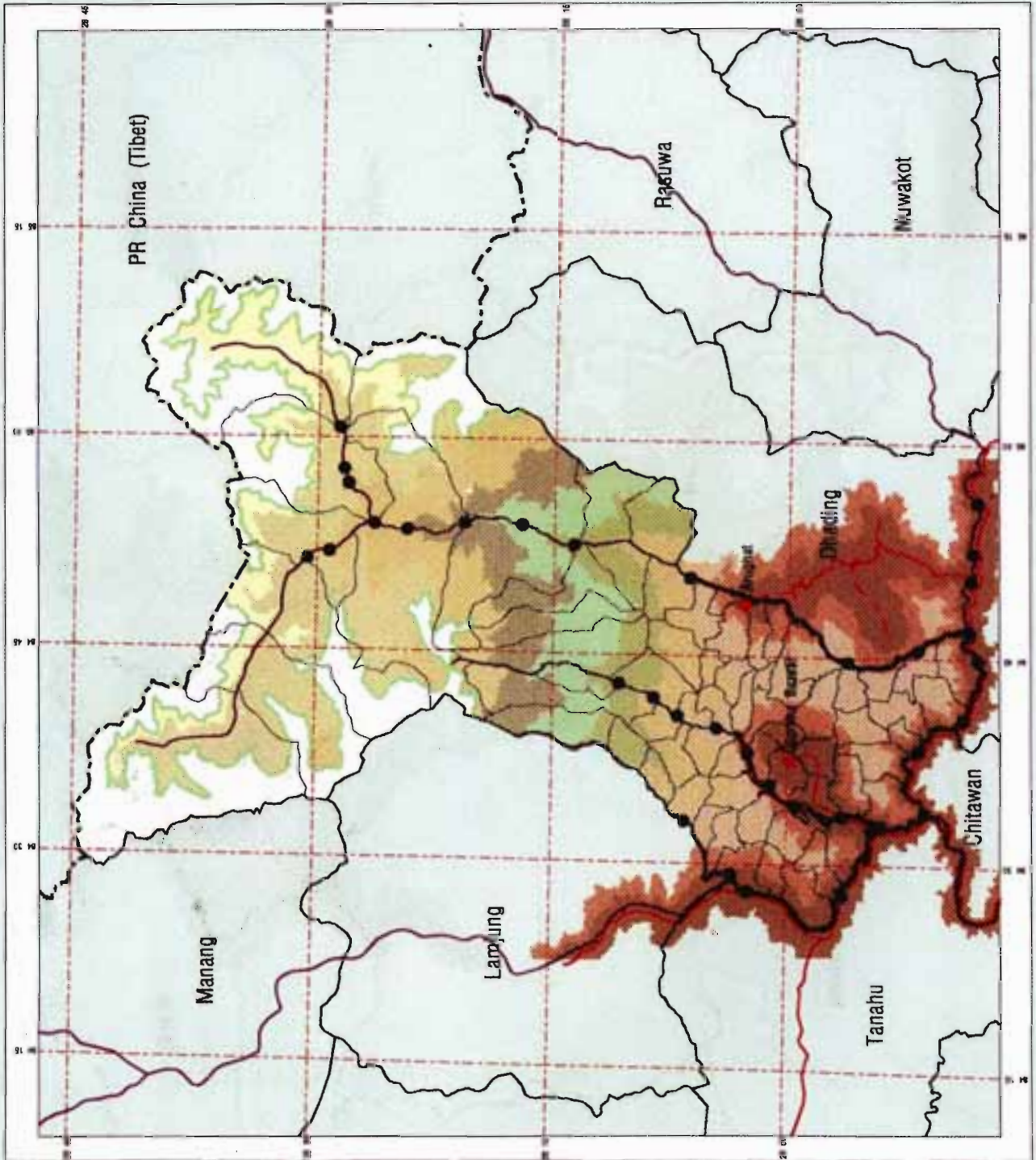
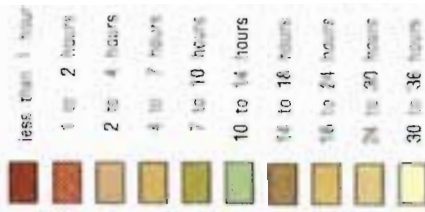
Western Region of Nepal

Accessibility of Road

Infrastructure

LEGEND

Walking Time to the Closest Road



Map 26

Gorkha District

Western Region of Nepal

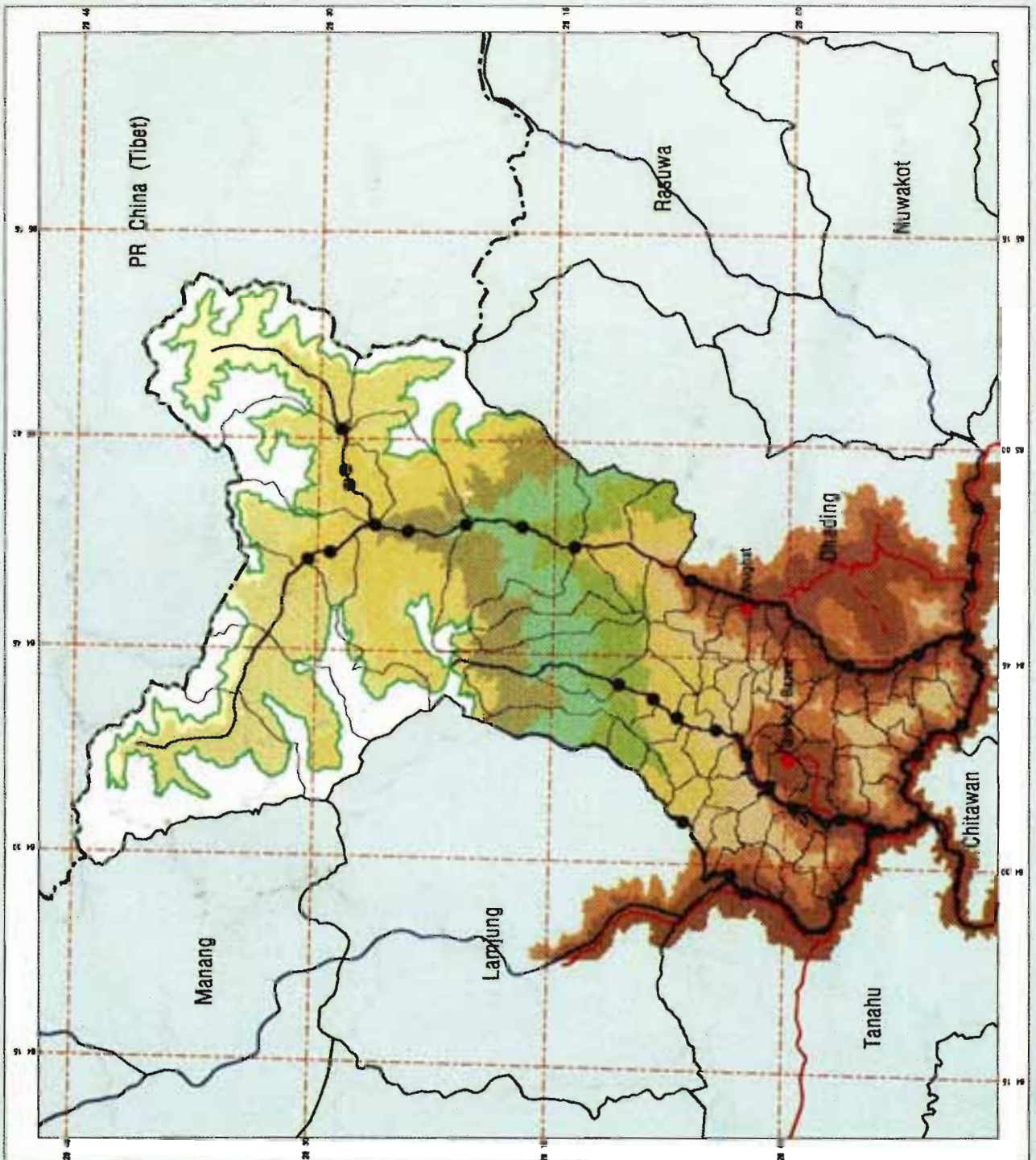
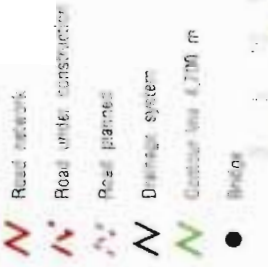
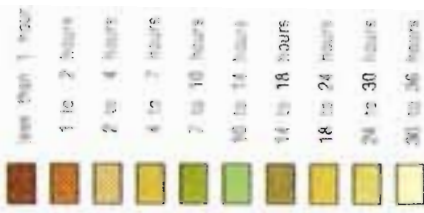
Accessibility of Road

Infrastructure including

proposed road to Arkhet

LEGEND

Walking Time to the Closest Road



Map 27

Gorkha District
Western Region of Nepal
Accessibility of Bazaar

LEGEND

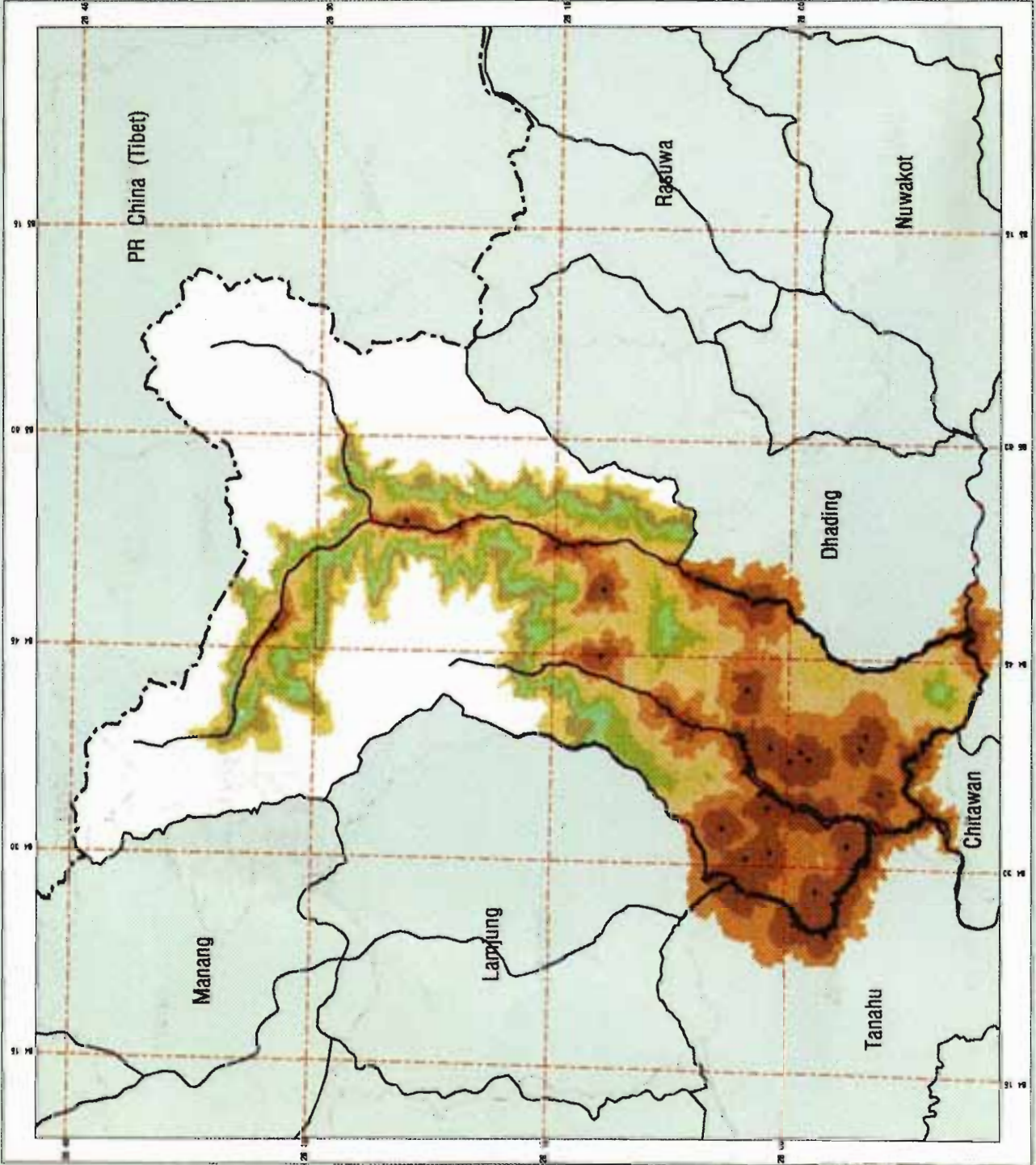
Walking Time to the Closest Bazaar



• Bazaar

• Major bridge or ford

~ Major river

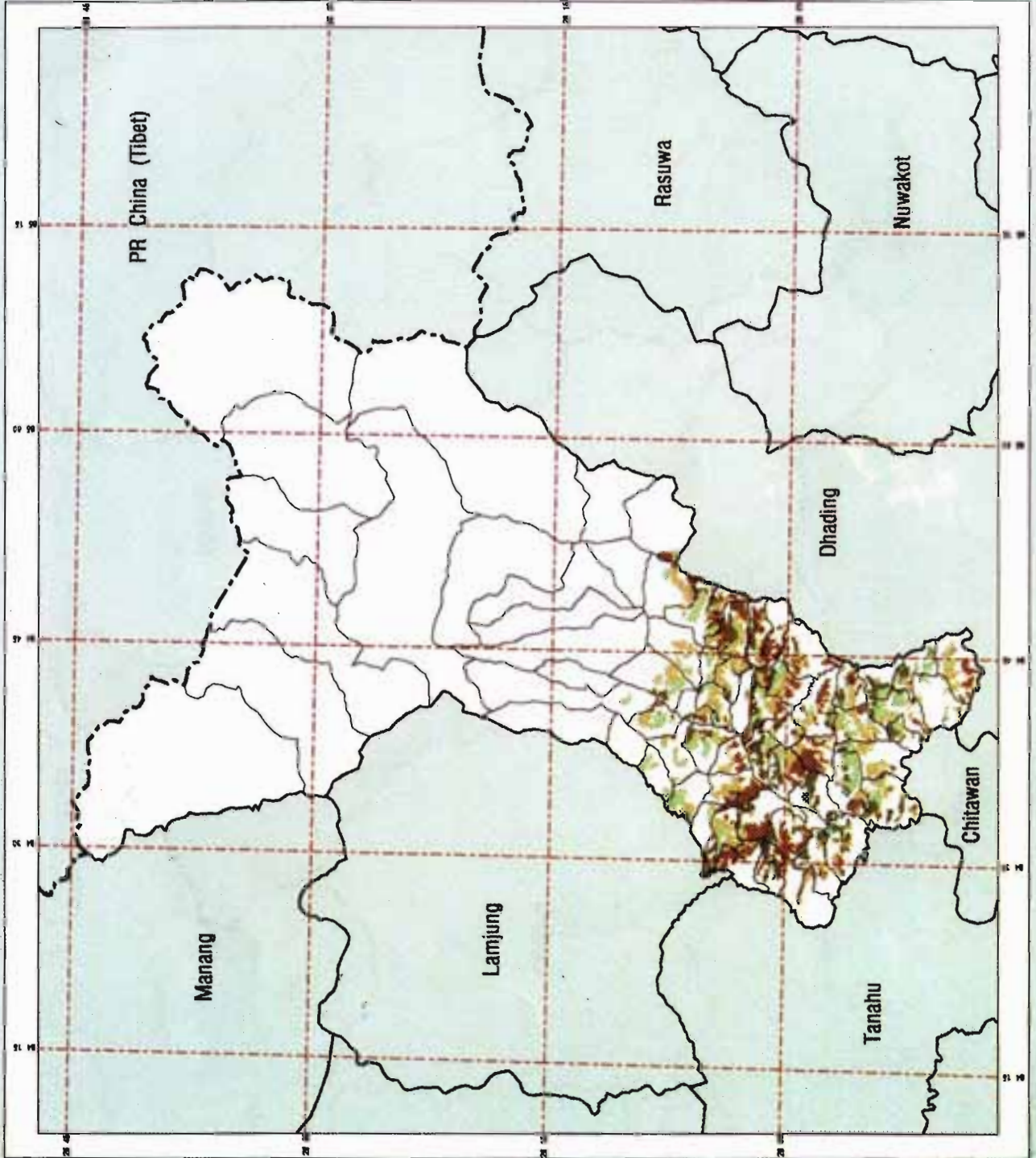


Map 28

Gorkha District
Western Region of Nepal
Agricultural Land Suitable
for Mango Trees

LEGEND

- SUITABLE LAND**
- northwestern to eastern slopes (6,460 ha)
 - southeastern to western slopes & level land (9,440 ha)
- MODERATELY SUITABLE LAND**
- northwestern to eastern slopes (8,040 ha)
 - southeastern to western slopes & level land (10,300 ha)



Map 29

Gorkha District
Western Region of Nepal
Agricultural Land Suitable
for Banana

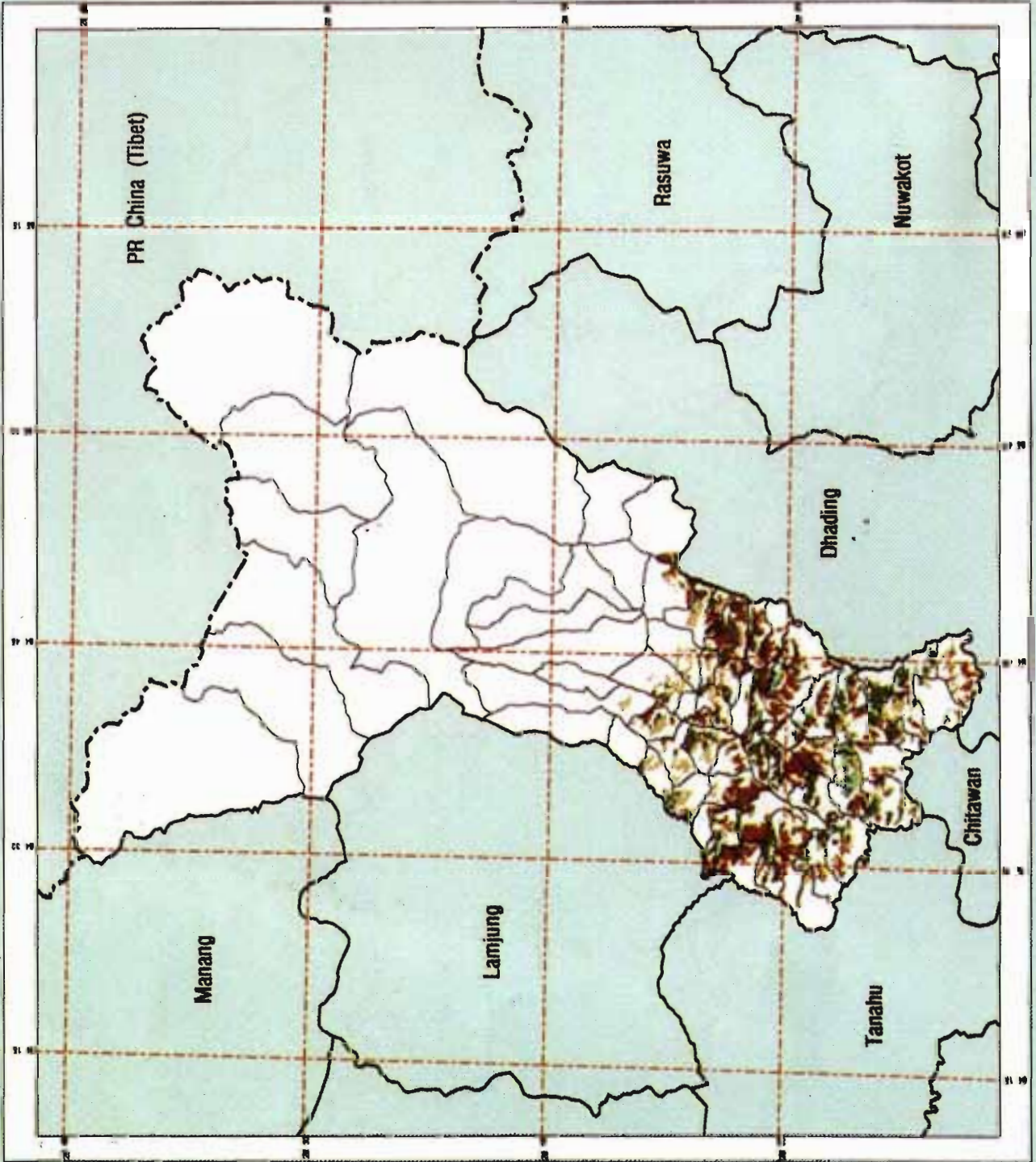
LEGEND

SUITABLE LAND

- northwestern to eastern slopes (9,430 ha)
- southeastern to western slopes & level land (12,870 ha)

MODERATELY SUITABLE LAND

- northwestern to eastern slopes (2,410 ha)
- southeastern to western slopes & level land (6,670 ha)



Map 30

Gorkha District

Western Region of Nepal
Agricultural Land Suitable
for *Suntala* Trees

LEGEND

SUITABLE LAND



northwestern to eastern slopes
(5,290 ha)



southeastern to western slopes
& level land (6,020 ha)

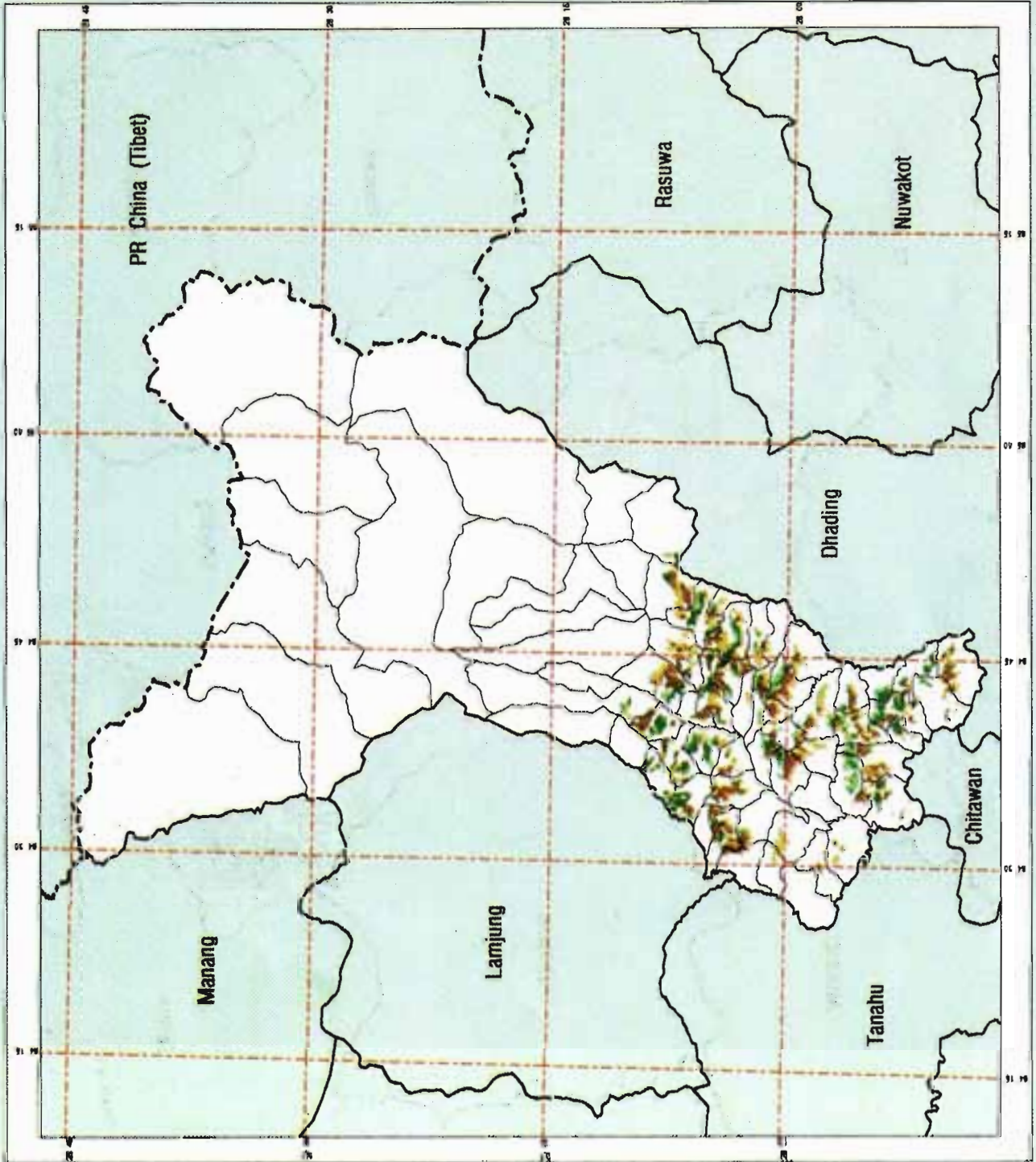
MODERATELY SUITABLE LAND



northwestern to eastern slopes
(4,190 ha)



southeastern to western slopes
& level land (6,390 ha)





Map 31



Gorkha District
Western Region of Nepal
Agricultural Land Suitable
for Peach Trees

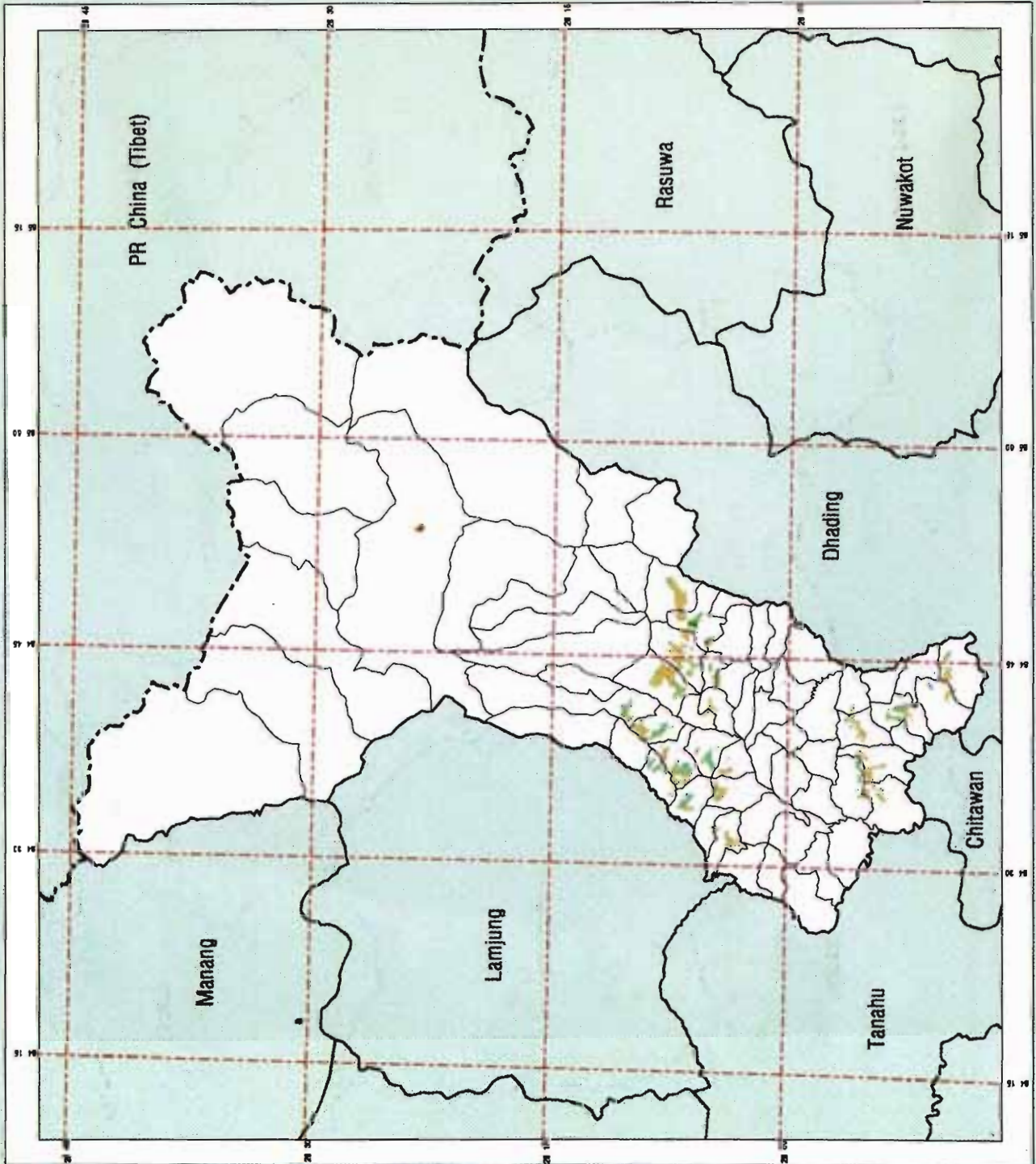
LEGEND

SUITABLE LAND

-  northwestern to eastern slopes (30 ha)
-  southeastern to western slopes & level land (65 ha)

MODERATELY SUITABLE LAND

-  northwestern to eastern slopes (1,970 ha)
-  southeastern to western slopes & level land (3,160 ha)



Map 32



Gorkha District

Western Region of Nepal



Agricultural Land Suitable
for Apple Trees

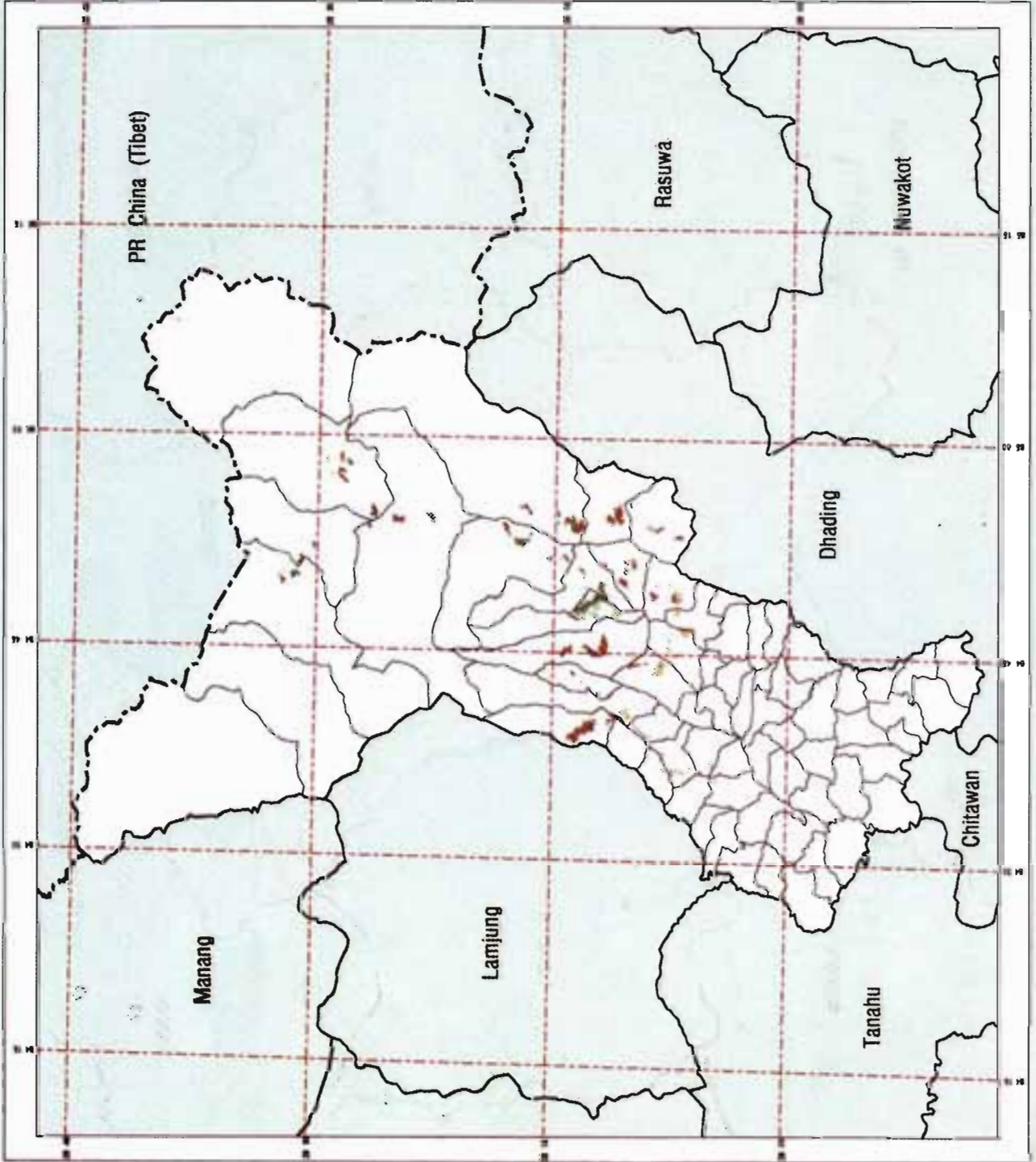
LEGEND

SUITABLE LAND

-  northwestern to eastern slopes (1,170 ha)
-  southeastern to western slopes & level land (1,720 ha)

MODERATELY SUITABLE LAND

-  northwestern to eastern slopes (510 ha)
-  southeastern to western slopes & level land (590 ha)



Map 33

Gorkha District
Western Region of Nepal
Potential Potato Growing
Area and Season

LEGEND

- September - April/May (1,340 ha)
- October - March/April (2,690 ha)
- November - February/March (13,350 ha)
- December - February (10,220 ha)
- January - December (650 ha)
- March - November (600 ha)
- April - October (60 ha ha)
- May - September/October (230 ha)
- June - September (120 ha)

Boundary between humid (north) and subhumid (south) moisture regime

