निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. C43E2

Scale 1:50,000

C43D13 (49M/13)	C43E1 (58A/1)	Mysore KARNATAKA C43E5 (58A/5)
C43D14 (49M/14)	Wayanad KERALA C43E2 (58A/2)	C43E6 (58A/6) Nilgiri TAMIL NADU
Kozhikkode KERALA C43D15 (49M/15)	C43E3 (58A/3)	C43E7 (58A/7) Malappuram KERALA

1 Kannur, KERALA.
2 Kodagu, KARNATAKA.
3 Nilgiri, TAMIL NADU.
4 Lakshadweep Sea.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track with pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constn
Railways, other gauges: double; single with distance stone; do.
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features (1)flat. (2)sand-hills(permanent). (3)dunes(shifting)
Towns or Villages: inhabited; deserted. Port
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
state: demarcated; undemarcated
district; subdivision; tahsil or tāluk; forest
Boundary pillars: surveyed; unlocated
Heights: triangulated: station; point; approximate ..200 ..200 ..200
Bench-mark: geodetic; tertiary; canal ..BM 63·3 ..BM 63·3
Post office. Telegraph office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected ..... RF PF
Spaced names: administrative; locality or tribal ..... KIKRI NAGA
Hospital. Dispensary. Veterinary. Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 212 National Highway No. 212 V.F. Vested Forest

NOTES :-

Heights and contours have not been shown.
A relative heights, e.g. ..8: represents the approximate height, in metres, between the top and bottom of a steep slope.
Water features are shown in blue where they generally contain water.
Tapioca cultivation occurs at various places in the jungle, plantations and vacant lands; it is normally replaced by different plantations after 2-3 years and is not shown.
Unmetalled roads are motorable and most of the cart tracks are jeepable in dry season.
Huts are numerous in this sheet; some have been omitted to bring out their relative distribution.
Important buildings are shown in black with names.
Betelnut trees are shown thus
Christian memorials are shown thus

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2¼° West in 2005.
(Decreasing by about 2' annually)

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact
Director
Kerala and Lakshadweep Geo-Spatial Data Centre
Survey of India, CGO Complex
Poonkulam, Vellayani P.O.,Thiruvananthapuram.

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MĀNANTAVĀDI
WAYANĀD
KOZHIKODE
PĀDRI RESERVED FOREST
KUPPĀDI RESERVED FOREST
WAYANĀD WILD LIFE SANCTUARY
Kenichera
KALRATTA
Chundel
Vayittiri
Meppādi
Upper Terminal
Lakkidi
PUDUPPĀDI EAST BEAT V.F.
PALAKKAL BEAT V.F.
ELAMBALERI V.F.
CHEMBRA V.F.
PUKKOT MALA V.F.
SUGANTAGIRI V.F.
KALLU MALA V.F.
ATTAMALA V.F.
RIPPON PUTUKADU V.F.
GWALIOR RAYONS V.F.
NILAMBUR KOVILAKOM V.F.
PAMBRA V.F.
COFFEE RANG V.F.
Chedleth
Kottiyūr
Panamaram
Sulthan Bathery
Kālpetta
Vythiri
Kāmpam
Mānantavādi
Pulpalli
Pinangod
Kāvumandam
Tondernadu
Kottappadi
Kāyakkunnu
Pozhuthana
Kāmbamala
Kāmbalakkād
Kottappadi
Kīrippādi
Kīrippādi
Kīrippād

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. C43E3

Scale 1:50,000

C43D14 (49M/14)	C43E2 (58A/2) Wayanad KERALA	C43E6 (58A/6) Nilgiri TAMIL NADU
Kozhikode KERALA C43D15 (49M/15)	C43E3 (58A/3)	C43E7 (58A/7)
C43D16 (49M/16)	Malappuram KERALA C43E4 (58A/4)	C43E8 (58A/8) Pālakkād KERALA

1 Mysore, KARNATAKA.
2 Nilgiri, TAMIL NADU.
3 Lakshadweep Sea.

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Wells: lined, unlined. Tube-well. Spring. Tanks: perennial, dry
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Railways, other gauges: double; single with distance stone; do.
Mineral line or tramway. Kilns. Cutting with tunnel
Contours with sub-features: Rocky slopes. Cliffs
Sand features (Mar. (2)sand-hill(permanent). (3)dune(shifting))
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chkatri. Church. Mosque. Tāgāh. Tomb. Craves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
View. View on bells. Grass. Scrub
Palms: oil-palms other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district, subdivision, tahsil or tāluk, forest
Boundary pillars: surveyed; unlocated
Heights, triangulated: station, point, approximate
Bench-mark: geodetic, tertiary, canal
Post office. Telegraph office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected
Species: nasses, administrative, locality or tribal
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line with pylons surveyed, with poles unsurveyed

REFERENCE

NH 212 National Highway No. 212

NOTES :-

Heights and Contours have not been shown
A relative heights, e.g., 8 represents the approximate height, in metres, between the top and bottom of a steep slope. Important buildings are shown in black with name
Tube-wells and wells are numerous throughout this sheet, only the important ones have been shown
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from irrigation authorities.
Huts are numerous; some have been omitted to bring out their relative distribution
Permission to use the roads in Estate is required from the Estate authorities.
Christian memorials are shown thus

COMPILATION INDEX

A. Surveyed during 1967-69. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2¼° West in 2005.
(Decreasing by about 1' annually)

1:50,000

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Lower Terminal
VELLARIMALA VESTED FOREST
VESTED FOREST
NILAMBUR KOVILAKAM VESTED FOREST
EDAKKODE RF
Nilambur
CHALIYAR R.
Kozhichanna
Kalappara Kunnu
Pallippara Mala
Ponpara Mala
Naduvani
Kalappatti Mala
Vettilappara
Keidekkal Mala
Kanmarkamil Mala
Kaidekuvellyal Mala
Konali Mala
Ladak Mala
Kuppi Mala
Kurat Mala
Vellan Mala
Kodakattumpara Mala
Kadoos Mala
Kaliyottu Mala
Ambu Mala
Kottapoil
Kolanchen
Pulikkayam
Nellipoil
Anakkampoil
Chumattipoil
Kottamunda
Kannoth
Pannikkal
Trikalayur
Vettilappuzha
Pattambi
Kottayam
Mundakkal
Tea Factory
Churamkodi
Pottamkotta Mala
Muramgilli Mala
Tumgakod Mala
Pottambara Mala
Kusumbasa Mala
Kunumbara Mala
Kanamkuzhi Mala
Manikkamudi
Pamoupara Mala
Kaidekuvellyal Mala
Kolappatti Mala
Kakkad
Maramchal
Kumbara
Fatima Estate (Rubber)
ALI ESTATE (RUBBER)
Vettiyadarambu
Nedipparambu
Mysore Kunnu
Kanjirapuzha
Pattandippadam
Kottaparamba
Muttappan Kunnu
Kalamkarmutti Mala
Vengini Mala
Chappappara
Kuppara
Pattammudi
Talappaly
Kodhiyi
Vellaikkaya Mala
Muramukki Mala
Kanamkuzhi Mala
Pannippara
Ambu Mala
Vettikkad
Kottayam
Kottamugam
Tottumugam
Kottamkotta Mala
Kottamkotta Mala
Kottamkotta Mala