

निर्यात के लिए नहीं NOT FOR EXPORT

No. D4316

Scale 1:50,000



SURVEY OF INDIA

1st Edition 2011.

Price : Rs. 77/-


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; underfed; 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; track; Broken ground				
Bridges, broad gauge; double; single with station; under constr.				
Canals, other gauges; double; single with distance stone; do.				
Mineral line or tramway; Kln. Cutting with tunnel				
Cuttings with sub-features; Rocky slopes; Cliffs				
Sand features (Yalta, Çyand) (Belgermannen) (3)dures(chiffing)				
Towns or Villages; inhabited; deserted; Fort.				
Huts; permanent; temporary; Tour; Antiquities				
Temples; Çhahin; Çhatir; Mosque; İğhân; Tomb; Graves				
Lighthouse; Lightship; Buoys; lighted; unlighted; Anchorage				
Mine; vine on trellis; Grass; Scrub				
Palms; paltans; other; Plantain; Conifer; Bamboo; Other trees				
Areas; cultivated; wooded; Surveyed tree				
Boundary; international				
state; demarcated; undemarcated				
district; subdivision; tahsil or ilâk; forest;				
Boundary pillars; surveyed; unlocated				
Heights; triangulated; station; point; approximate				
Bench-mark; geodetic; tertiary; canal				
Post office; Telegraph office; Overhead tank				
Range of inspection; burgular; Circuit house; Police station				
Camping ground; Forest; reserved; protected				
Spaced names; administrative; locality or tribal				
Hospital; Dispensary; Veterinary; Hospital / Dispensary				
Aeromobile; Helpaid; Tourist site				
Power line; with pylons surveyed; with poles unsurveyed				

REFERENCES

NH 17	National Highway No. 17.	MF	Minor Forest
NH 63	National Highway No. 63.		

NOTES :-

Heights and Contours have not been shown.
This sheet has been compiled from 1:25,000 survey.
Undermarked portions of forest boundaries in this sheet have been entered from 4-inch scale forest maps corrected upto 1977 and have not been departmentally verified.
The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
The rocks, danger line and other submerged marine features have been taken from Naval Hydrograph Chart No. 2577 (INDIA - WEST COAST Malvan to Honavar) dated 1977 with additions to 1979.
Betelnut trees are shown thus: 

COMPILATION INDEX

A. Surveyed during 1976-77. Updated for major details during 2005-06

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $1\frac{3}{4}^{\circ}$ West in 2005.

(increasing by about 1' 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

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REG. No. -SPG D'11 (Karnataka GDC-1:50,000)

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Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India,
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Department of Science & Technology, Government of India.

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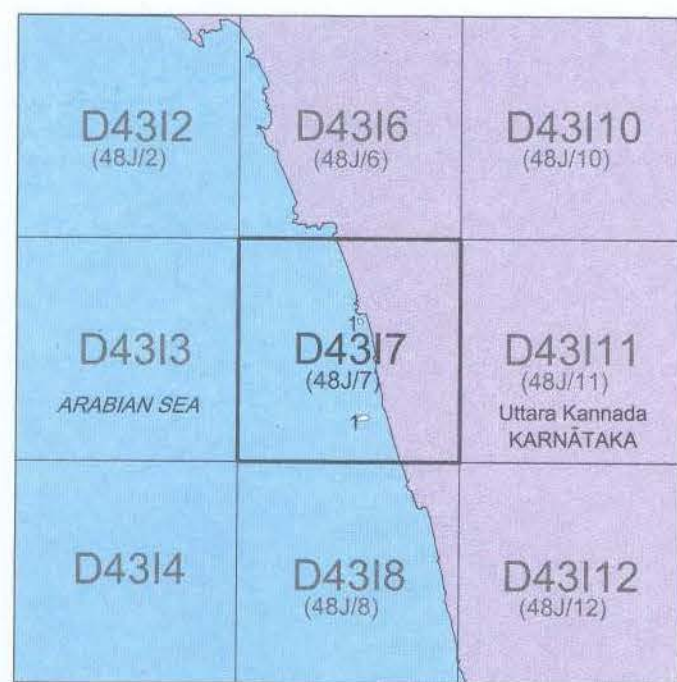


निर्वात के लिए नहीं NOT FOR EXPORT



No. D4317

Scale 1:50,000



1 Uttara Kannada, KARNĀTAKA.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

Price: Rs. 70/-

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 constr.
- Railways, other gauges; double; single with distance stone; do.
- Mineral line or tramway. Kin. 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. Fort
- Huts; permanent; temporary. Tower. Antiquities
- Temple. Chhatra. 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 taluk; 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
- Spaced names; administrative; locality or tribal
- Hospital. Dispensary. Veterinary. Hospital/Dispensary
- Aerodrome. Helipad. Tourist site
- Power line; with pylons surveyed; with poles unsurveyed

REFERENCES

- CP Cashew Plantation
- EP Eucalyptus Plantation
- MF Minor Forest
- C & EP Cashew & Eucalyptus Plantation
- NH 17 National Highway No. 17
- NH 206 National Highway No. 206

NOTES

This sheet has been compiled from 1:25,000 survey.
Heights and Contours have not been shown.
Undemarcated portions of forest boundaries in this sheet have been entered from 4-inch scale forest maps corrected up to 1977 and have not been departmentally verified.
Wells are numerous in this sheet; some have been omitted.
Numerous stone walls less than 2 metres in height exist throughout the sheet except in jungles.
Huts are numerous in this sheet; some have been omitted to bring out their relative distribution.
The territorial waters of India extend in to the sea to a distance of twelve nautical miles measured from the appropriate base line.
Betelnut trees are shown thus.....

COMPILATION INDEX

A. Surveyed during 1976-77. Updated for major details during 2005-06.



Projection - UTM Datum - WGS 84

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



For further details about this map, please contact
Director
Karnataka Geo-Spatial Data Centre
Survey of India, Koramangala II block
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REG. No. 9050-SPG D'10 (Karnataka GDC-1:50,000-1013) 11.

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Department of Science & Technology, Government of India.

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National Highways Authority of India
प्रोजेक्ट कार्यान्वयन इकाई इकाई मंगलूर
Project Implementation Unit - Mangaluru

No. D43I8

Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

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, Well	
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 constm	
Railways, other gauges: double, single with distance stone, do	
Mineral line or tramway, Kin, 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, Fort	
Huts: permanent, temporary, Tower, Antiquities	
Temple, Chhain, Church, Mosque, Idgah, Tomb, Graves	
Lighthouse, Lightship, Buoys: lighted, unlighted, Anchorage	
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Palms: palmyra, other, Plantain, Conifer, Bamboo, Other trees	
Areas: cultivated, wooded, Surveyed tree	
Boundary, international	
state: demarcated, undemarcated	
district: subdivision, tahsil or taluk, 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	
Spaced names: administrative, locality or tribal	
Hospital, Dispensary, Veterinary: Hospital / Dispensary	
Aerodrome, Helipad, Tourist site	
Power line: with pylons surveyed, with poles unsurveyed	

REFERENCES

NH 17 National Highway No. 17
M.F. Minor Forest

NOTES :-

Heights and Contours have not been shown.
A relative height, e.g., 2r, represents the approximate height, in metres, between the top and bottom of a steep slope.
Temple with gopuram shown thus
Betelnut trees are shown thus

COMPILATION INDEX

A This sheet has been compiled from 1:25,000, surveyed during 1976-77, Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.
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For further details about this map, please contact
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National Highways Authority of India
परियोजन कार्यान्वयन इकाई मंगलूर
Project Implementation Unit - Mangaluru

8EG. No. 8891-SPG D'10 (Karnataka GDC:1:50,000)-1013.

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