निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E43A15&A11

Scale 1:50,000

E43A10 (47A/10)	E43A14 (47A/14)	E43B2 (47E/2)
E43A11 (47A/11)	**E43A15 (47A/15)**	E43B3 (47E/3) Thāne MAHĀRĀSHTRA
Arabian Sea	E43A16 (47A/16)	E43B4 (47E/4) Rāigad MAHĀRĀSHTRA

1 Mumbai Suburban, MAHĀRĀSHTRA.
2 Mumbai City, MAHĀRĀSHTRA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Expressway: 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 constrn.
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)dune(shifting)
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. 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
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, Landing strip
Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 8 National Highway No. 8.

NOTES :–

The Western Railway is electrified from Mumbai Central R.S. to Virār R.S.
The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
Heights and contours have not been shown.
Tanks, shown dry, in this area usually contain water from July to December.
The administrative boundaries in this sheet have been surveyed as pointed out by the local officials on the ground, but have not been verified by the District authorities.
Some of the rocky islands in Arabian Sea have been entered from the information supplied by the Chief Hydrographer to the Government of India and have not been departmentally verified.
A relative height, 3r, represents the approximate height, in metres, between the top and bottom of a steep slope.
A relative height, e.g., 4r, against a well, in blue, indicates its total depth in metres.
Position of pylons between turning points of power lines has not been surveyed.

COMPILATION INDEX

A Surveyed during 1967–68. 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).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact
Director
Maharāshtra & Goa Geo-Spatial Data Centre
Survey of India, Phulenagar, Ālandi Road
Pune.

WEBSITE – www.surveyofindia.gov.in

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