



निर्वात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. G43R12

Scale 1:50,000

G43R7 (54G/7)	G43R11 (54G/11)	G43R15 (54G/15)
G43R8 (54G/8)	G43R12 (54G/12)	G43R16 (54G/16)
G43X5 (54H/5)	G43X9 (54H/9)	G43X13 (54H/13)

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2011.

Price: ₹70/-

CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone

Roads: metalled; according to importance

Roads: double cartageways; according to importance

Unmetalled road: Cart-track; Pack-track with pass; Foot-path

Streams: with track in bed; underlain; Canal

Rivers: dry with water channel; with island & rocks; Tidal river

Submerged rocks, Shoal, Swamp, Reeds

Water: inland; unlined; tube-well; Spring; Tanks: permanent; dry

Embankments: road or rail; bank; Broken ground

Railways: broad gauge; double; single with station; under canopy

Railways: other gauges: double; single with distance stone; do

Mineral: line or tramway; Kite. Cutting with tunnel

Contours with sub-features: Rocky slopes; Cuts

Sand features: (filled) dune-hills (permanent); (Shaded) dune-hills

Towns or Villages: inhabited; deserted; Fort

Huts: permanent; temporary; Towers; Airfield

Temples; Chattri; Church; Mosque; Ghat; Tomb; Crematorium

Lighthouse; Lightship; Buoy: lighted; unlighted; Anchorage

Mine: View on trails; Grass; Scrub

Palm: palm; other: Plantain; Conifer; Bamboo; Other trees

Areas: cultivated; wooded; Surveyed tree

Boundary: International

state; demarcated; undemarcated

district; subdivision; taluk or taluq; forest

Boundary pillars: surveyed; unlocated

Height: triangulated; station; point; approximate

Bench-mark: geodetic; tertiary; canal

Post office; Telegraph office; Overhead tank

Rest house or inspection bungalow; Check 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

REFERENCE

JNH 2 National Highway No. 3.

NOTES :-

Heights are in metres and above Indian mean sea level.

Contours are approximate.

The triangulated heights and contours in this sheet have not been adjusted to the heights of the spot-levelled bench-marks and may not be strictly in accordance with them.

A relative height, e.g., 30, represents the approximate height, in metres, between the top and bottom of a steep slope.

COMPILATION INDEX

A Surveyed during 1985-86. Updated for major details during 2003-04.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 0° in 2005.

(Increasing by about 1° East annually).

1:50,000

500 m to 1 cm 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact:

Director

Madhya Pradesh Geo-Spatial Data Centre

Survey of India

Survey Colony, Vijaynagar

Jabalpur.

WEBSITE - www.surveyofindia.gov.in

REG. No. PDF-SPD D-11 (Madhya Pradesh) GDC-186,000/-

भारत के सर्वेक्षणकर्ता सर्वेक्षण विभाग, भारत, के प्रिंटिंग में प्रकाशित।
Published under the direction of Survey of India, B.E., Surveyor General of India,
Survey of India, Hitharbhain Estate, Post Box No. 37, Dehra Dun - 249001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

No. G43R16

Scale 1:50,000

G43R11 (54G/11)	G43R15 (54G/15)	G44M3 (54K/3)
G43R12 (54G/12)	G43R16 (54G/16)	G44M4 (54K/4)
G43R13 (54H/9)	G43R13 (54H/13)	G44M4 (54K/1)

1 Guna, MADHYA PRADESH.
2 Lallpur, UTTAR PRADESH.

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 cartway: according to importance
Unmetalled road, Cart-track, Pack-track with pass, Foot-path
Streams with track in bed; undrained, Canal
Dams: masonry or rock-filled; earthenwork, Weir
River: dry with water channel; with island & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reeds
Walls: fixed; unlined, Tube-well, Boring, Trench; perennial; dry
Embankments: road or rail; tank, Broken ground
Railways, broad gauge; double; single with station; under construction
Railways, other gauges: double; single with distance stone; do.
Mineral line or tramway, Kin. Cutting with tunnel
Contours with sub features, Rocky slopes, Clefts
Sand features: (flat, dune, hill) (permanent), (seasonal, shifting)
Towns or Villages: inhabited; deserted, Fort
Huts: permanent; temporary, Tower, Ancestral
Temple, Chhatra, Church, Mosque, Ghat, Tomb, Graves
Lighthouse, Lightship, Buoy; lighted; unlighted, Anchorage
Mine, Vane on trails, Grass, Scrub
Palms; palms; other, Plantain, Coffee, Bamboo, Other trees
Areas: cultivated; wooded, Surveyed tree
Boundary, International
State: demarcated; undemarcated
District: subdivision, taluk 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
Aerodromes, Helipad, Tourist site
Power line: with pylons surveyed; with poles unsurveyed

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 5, represents the approximate height, in metres, between the top and bottom of a steep slope.

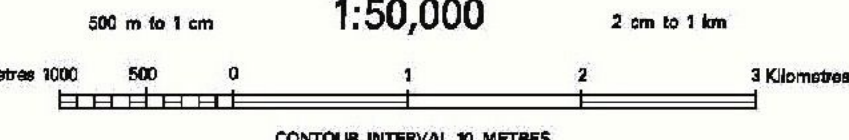
COMPILED INDEX

A	Surveyed during 1985-86, Updated for major details during 2003-04.
---	--

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 6° in 2005.
(increasing by about 1° East annually).

1:50,000



CONTOUR INTERVAL 10 METRES

For further details about this map, please contact

Director
Madhya Pradesh Geo-Spatial Data Centre
Survey of India
Survey Colony, Vijaynagar
Jabalpur.

WEBSITE - www.surveyofindia.gov.in

Reproduction in whole or part by any means is prohibited
without the written permission of Survey of India, the
National Mapping Agency.

GOVERNMENT OF INDIA COPYRIGHT, 2010.



REEL No. 8060-SPD D10 (Madhya Pradesh GDC-180,000-1010).

भारत के सर्वेक्षण के निदेशन से प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hishibarkala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.