निर्यात के लिए नहीं NOT FOR EXPORT

मध्य प्रदेश, उत्तर प्रदेश
MADHYA PRADESH
UTTAR PRADESH

भारत INDIA

REFER TO THIS MAP AS :- 1:50,000
SHEET 54 1/9 SECOND EDITION

BHIND & MORENA DISTRICTS.
AGRA, ETAWAH & FIROZABAD DISTRICTS.

Surveyed 1985-86.

SECOND EDITION

Magnetic Variation from True North about 0° in 1995.
(Increasing by about 2' East annually)

No. 54 1/9

RGS No. 3964 NPCDB PLC 31-1.33,000-15/1/94.

Roads metalled: according to importance; distance stone
unmetalled: do. do. bridge
Cart-track: Pack-track and pass. Foot-path with bridge.
Bridges: with piers without. Causeway. Ford or Ferry.
Streams with track in bed: undefined. Canal.
Dams: masonry or rock-filled earthwork Weir.
River banks: shelving; steep. 3 to 6 metres; over 6 metres
dry with water channel; with island & marks 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 will station; under construction
other gauges do. do. with distance stone do.
Mineral line or tramway. Telegraph line. Cutting and tunnel.
Contours with soil features Rocky slopes. Cliffs.
Sand features: Dune. Sand drifts and dunes; impeded. Sand drifts; dunes.

1st Edition 1974; 2nd 2003.
(Previous Editions on 1-inch scale: 1st 1922, 2nd 1937).

REFER TO THIS MAP AS :- 1:50,000
SHEET 54 1/9 SECOND EDITION

INDIA भारत

Index to Sheets

54 1/8	54 1/12	54 1/16
54 1/5	54 1/9	54 1/13
54 1/4	54 1/10	54 1/14

भारत के महासर्वेक्षक द्वारा पृथ्वीराज नाग, के निदेशन में प्रकाशित,
Published under the direction of Dr. Prithvirah Nag, *Surveyor General of India*,
Survey of India, Department of Science & Technology, Government of India, Hathibarkala Estate, Post Box No.37, Dehra Dūn-248001 (Uttarānchal)

1 : 50,000

500 m to 1 cm
Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres
2 cm to 1 km

HEIGHTS & CONTOURS IN METRES
CONTOUR INTERVAL 10 METRES

Water features are shown in blue where they generally contain water.
Cultivated areas are coloured yellow.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green chlands.

Contours are approximate.
A relative height, *Ht.* represents the approximate height, in metres, between the top and bottom of a steep slope.
Wooded areas are coloured green: fruitbared trees and other vegetation are in green, but prominent surveyed trees are in black.

The alphanumeric stone numbers along the railway and roads are shown in short type, e.g., '5' whereas milestone numbers are shown in upright type, e.g., '5'.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from the irrigation authorities.
Tanks, shown dry in this area usually contain water from July to December.
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.
A relative height, e.g., 30*r* in blue, against a well, indicates its total depth in metres.
The common boundary of the Reserved Forests between Bih. R. F. & Jaitpur R. F. in square A/3 has not been shown for want of reliable information.
The state boundary in the Chambal River and the district boundary in the Yamuna River follow the main deep water channels and will change with the fluctuations of these channels.
The state boundary between Madhya Pradesh and Uttar Pradesh State has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government of Madhya Pradesh.

Administrative Index

1 MORENA, M.P.
2 BHIND, M.P.
3 ETAWAH, U.P.

PRINTED AT THE NORTHERN PRINTING GROUP OF SURVEY OF INDIA

Towns or Villages: inhabited deserted. Fort.
Hotels: permanent; temporary. Tower. Antiquities.
Temple. Chhatri. Church. Masjid. Idgah. Tomb. Graves.
Lighthouses. Lightship. Buoys. Lighted; unlighted. Anchorage.
Wells. Well on walls. Grass. Scrub.
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees.
Boundary, International
state, demarcated; undemarcated
district, subdivisional or taluk. Forest.
Boundary pillars: surveyed; unlocated. Village; triangulation.
Heights: triangulated; station, pillar; approximate.
Bench-marks: geodetic; tertiary; canal.
Post office. Telegraph office. Combined office. Police station.
Bungalows: dak or travellers' inspection. Rest-house.
Circuit house. Camping ground. Forest: reserved; protected.
Spread names: administrative, locality or tribal.

© GOVERNMENT OF INDIA, COPYRIGHT, 2003.

Price : Twenty nine Rupees.

संकेतांक
प्रस्तावित स्थल