

No. G45N8

Scale 1:50,000

G45N3 (72G/3)	Patna BIHAR G45N7 (72G/7)	G45N11 (72G/11)
Jahānābād BIHAR G45N4 (72G/4)	Nālanda BIHAR G45N8 (72G/8)	G45N12 ³ (72G/12)
Gaya BIHAR G45T1 (72H/1)	G45T5 (72H/5)	Nawāda BIHAR G45T9 (72H/9)

1 Valshahi, BIHAR
2 Samastipur, BIHAR
3 Sheikhpura, BIHAR
4 Kodama, JHARKHAND.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010.

Price : Rs.16/-

CONVENTIONAL SYMBOLS

- Express highway, with toll, with bridge, with distance stone.
- Roads, metalled, according to importance.
- Roads, double carriageway, according to importance.
- Unmetalled road, Car-track, Pack-track with post, Foot-path.
- Streams, with track in bed, underfilled, 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, Heliport, Tourist site.
- Power line, with pylons surveyed, with poles unsurveyed.

REFERENCES

NH 110 National Highway No. 110. PWD Public works department. T.B Tourist Bungalow.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 50, represents the approximate height, in metres, between the top and bottom of a steep slope.
This sheet has been compiled from 1:25,000 survey.
A relative height, e.g., 50, marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
Tanks, shown dry, in this area usually contain water from June to November.
Contours are drawn at 10 metres vertical interval upto 100 metres, and above at 20 metres vertical interval.
The place of Antiquarian importance falling in square E7 belongs to Gupta and Pal period. This is a protected monument maintained by Archaeological Survey of India.

COMPILATION INDEX

A. Modern Survey 1984-85. Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about $\frac{1}{4}^{\circ}$ West in 2005.
(Decreasing by about $1'$ annually).

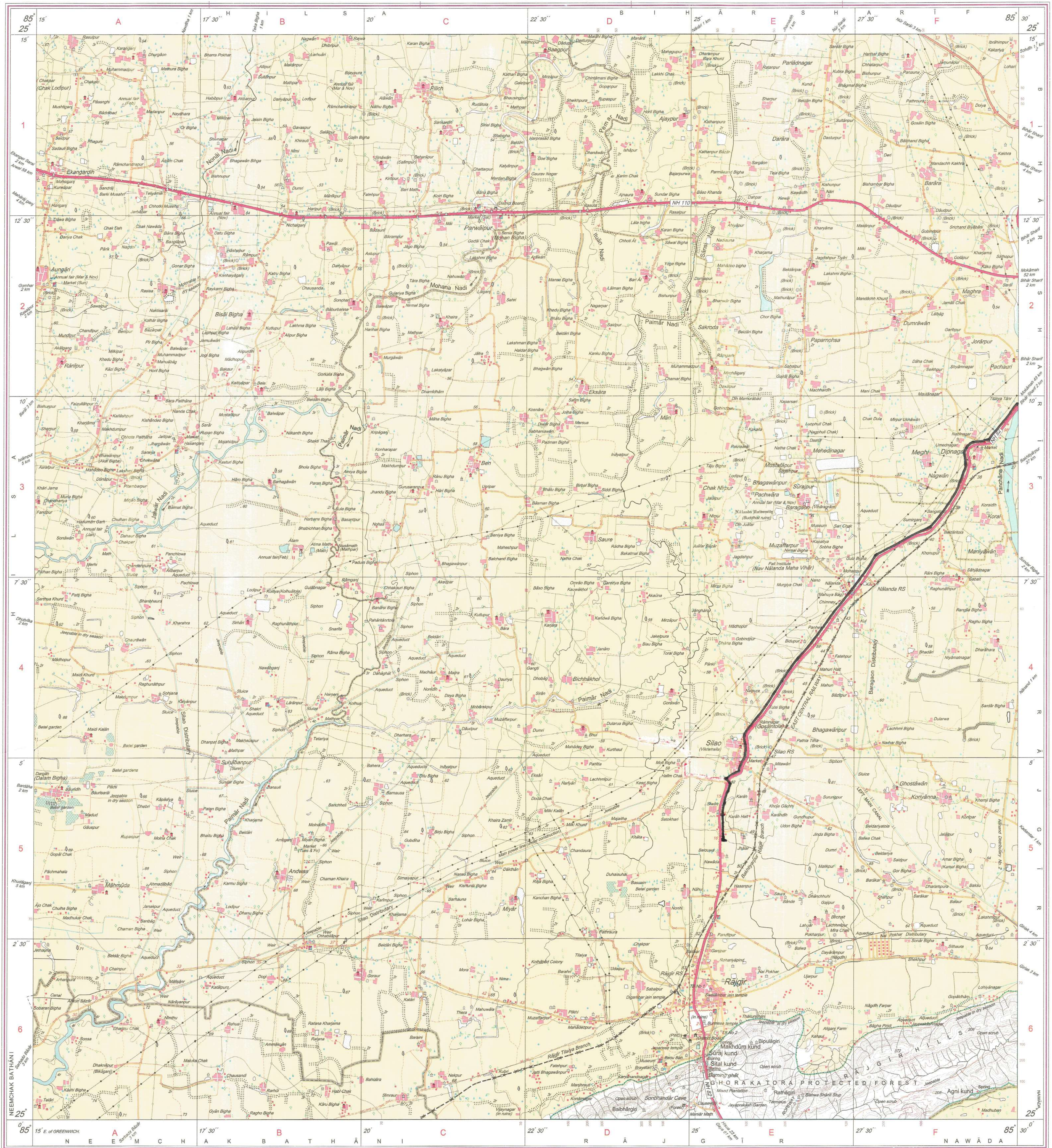
Scale 1:50,000
500 m to 1 cm
2 cm to 1 km
3 Kilometres
CONTOUR INTERVAL 10/20 METRES

For further details about this map, please contact
Director
Bihar Geo-Spatial Data Centre
Survey of India, 164, Sheikhpura House, Sheikhpura
Patna.

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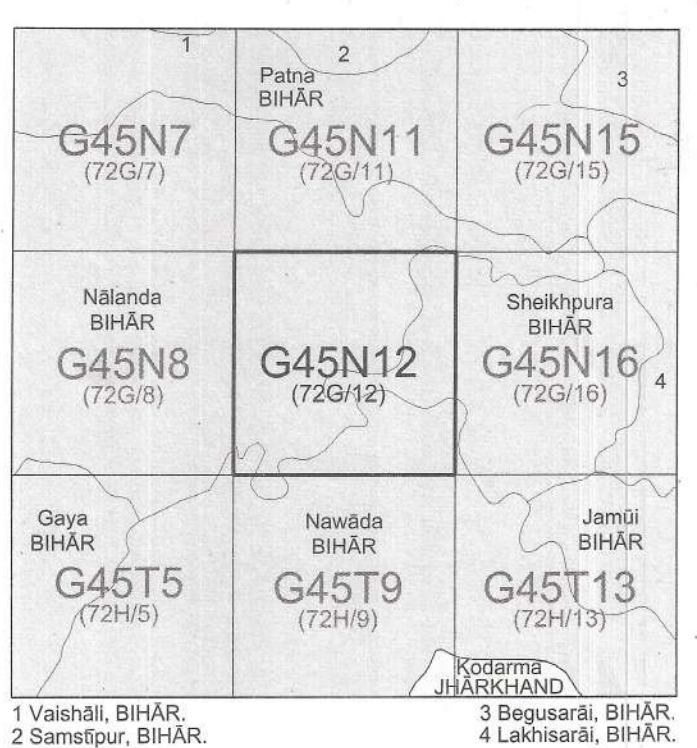
REG. No. 404 (16) -WPG D'10 (Bihar GDC-1:50,000)-10116.

भारत के प्रसारणक राजेन्द्र मान त्रिपाठी, एम.एस.सी. (फिजिक्स), पी.जी.डिप्लोमा (कार्टो) (आई.टी.सी. नॉरवेल्डस) के निदेशन में प्रकाशित।
Published under the direction of Rajendra Mani Tripathi, M.Sc. (Physics), P.G. Diploma (Carto) (I.T.C. The Netherlands) Surveyor General of India.
Survey of India, Hattibarkala Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE WESTERN PRINTING GROUP OF SURVEY OF INDIA.

No. G45N12

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भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

Revised Price Rs. 118/-



REFERENCES
NH 31 National Highway No. 31. PWD Public Works Department.

NOTES :-
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Contours are approximate.
A relative height, .8k represents the approximate height, in metres, between the top and bottom of a steep slope.
A relative height, .8k marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.

COMPILATION INDEX
A. Compiled from 1:25,000 Scale Survey 1984-85. Updated for major details during 2004-05.

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Magnetic Variation from True North about 1° West in 2005.
(Decreasingly about 1° annually).

1:50,000

500 m to 1 cm

2 cm to 1 km

3 Kilometres

CONTOUR INTERVAL 10 METRES

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