

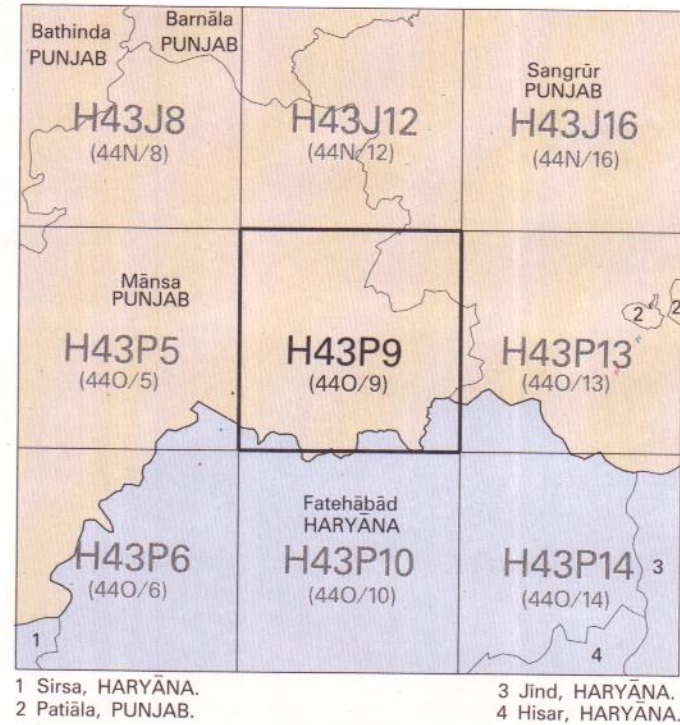


निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. H43P9

Scale 1:50,000



1 Sirsa, HARYANA.
2 Patiala, PUNJAB.
3 Jind, HARYANA.
4 Hisar, HARYANA.

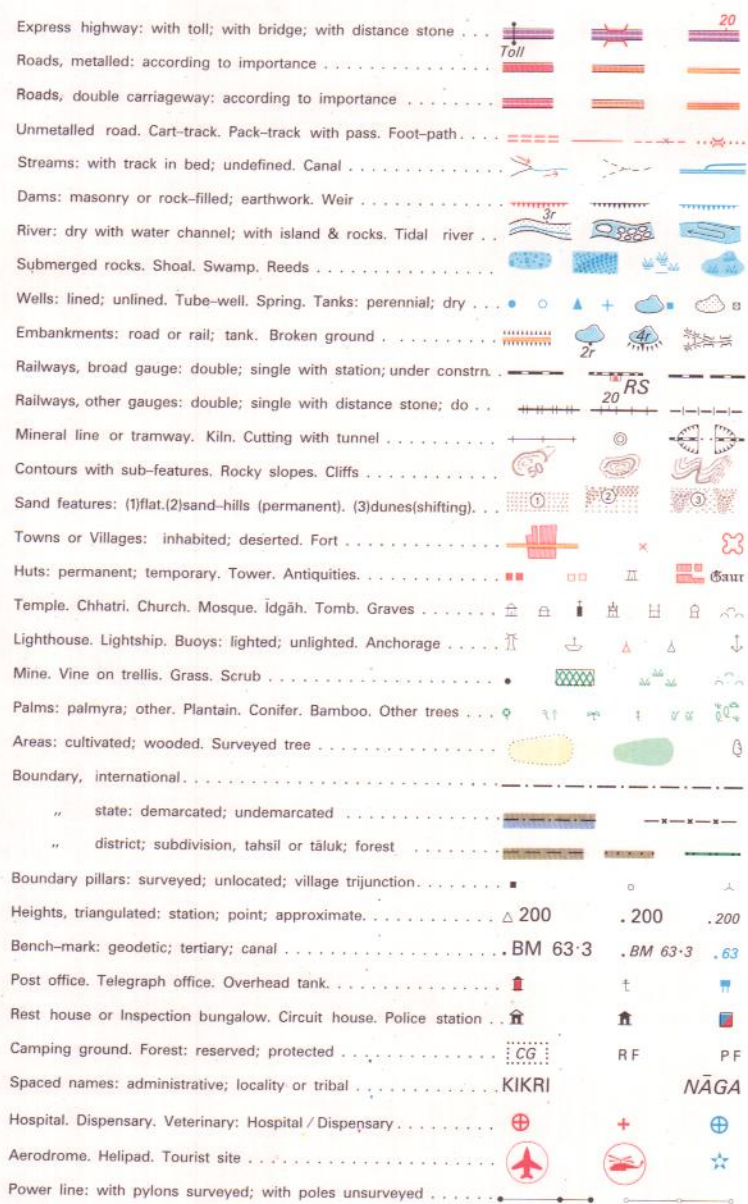
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009.

Price Rs. 150/-

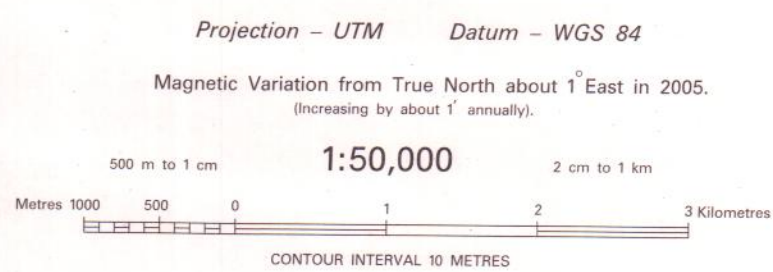
CONVENTIONAL SYMBOLS



NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Tanks shown dry in this area usually contain water from July to March.
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.
A relative height, e.g., -4-, represents the approximate height, in metres, between the top and bottom of a steep slope.
A relative height, e.g., -3-, marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
Canal distance stones along Boha Distributary, Budhlada Branch (SIRHIND CANAL), Saidewala Branch, (SIRHIND CANAL), Sunam Distributary, Kishangarh Branch and Minor No. 5 are 5,000 feet apart every existing stone is shown whereas along BHAKRA CANAL Main Branch, Baretia Drain, Sirhind Choa, Badalgarh Distributary and Ratangarh Distributary these are 1,000 feet apart and every existing fifth stone is shown. The state boundary between Haryana and Punjab States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government concerned.
3,000-acre rectification of Bhakra Dam Project Survey based on Origin 30°00' N, 75°15' E with their numbers are shown as tertiary bench-marks thus X 555, BM 219.3.

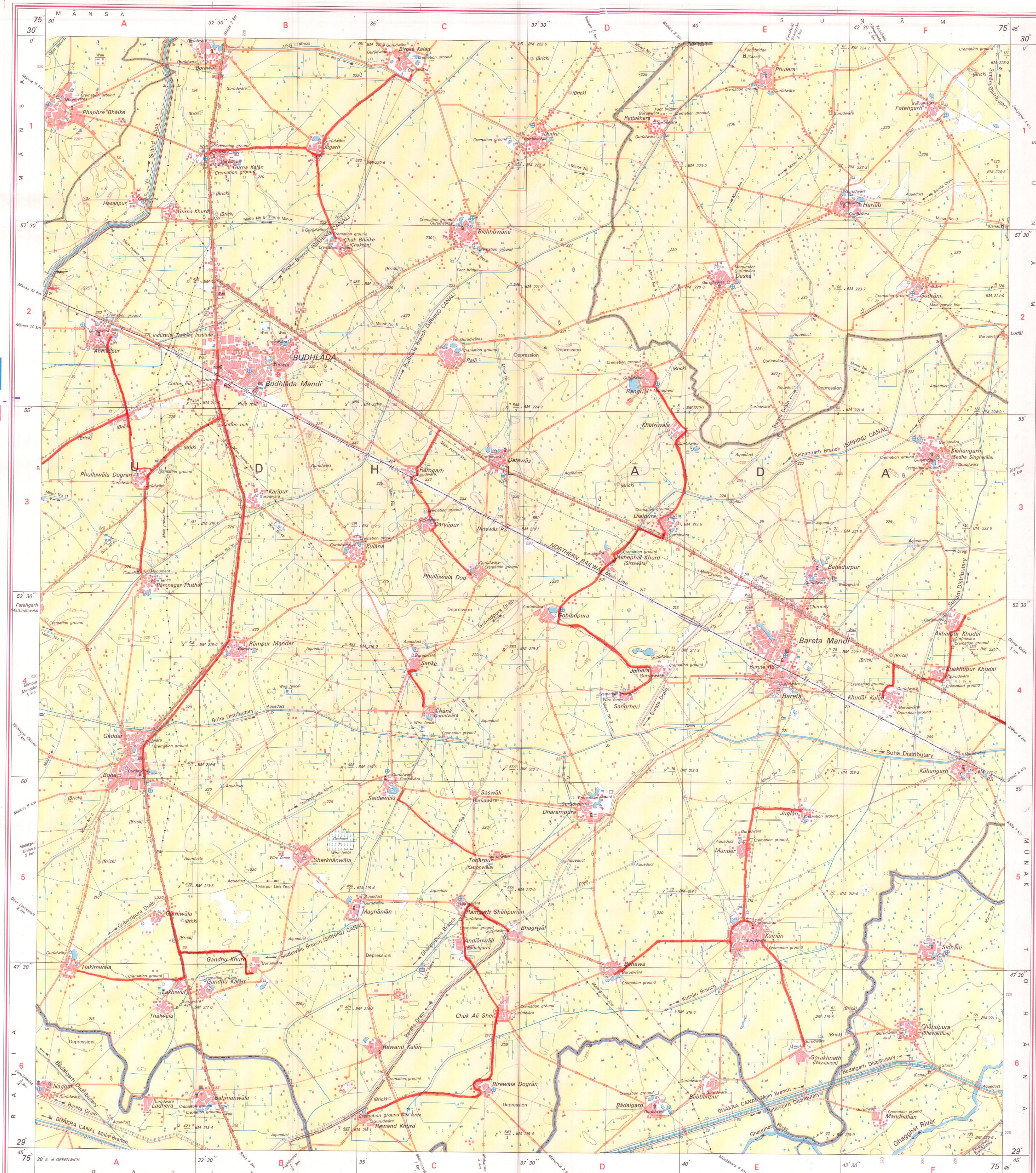
COMPILATION INDEX
A. Compiled from 1:25,000 survey, 1984-85.
Updated for major details during 2005-06.



For further details about this map, please contact
Director
Punjab, Haryana & Chandigarh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2604671

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.



REG. No. 379/WPG D 59 (P, H & C GDC-1:50,000/105).

भारत के सर्वेक्षण के निदेश में प्रकाशित,
Published under the direction of 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. H43J8

Scale 1:50,000

H43J3 (44N/3)	H43J7 (44N/7)	H43J11 (44N/11)
Bathinda PUNJAB	H43J8 (44N/8) Mansa PUNJAB	3 Sangrur PUNJAB
H43J4 (44N/4)	H43J12 (44N/12)	
H43P1 (44O/1) Sirsa HARYANA	H43P5 (44O/5)	H43P9 (44O/9)
1 Faridkot, PUNJAB	2 Fatehabad, HARYANA	

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Scale 1:50,000

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	...	...

NOTES :-

Permission to use cart-tracks and unmetalled roads along canals is required from the Irrigation authorities.
A relative height, e.g. 3r, marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
Distance stones along canals are 5,000 feet apart and every existing one is shown, whereas along protective embankment these are 1,000 feet apart and every existing fifth stone is shown.
A relative height, 3r, represents the approximate height, in metres, between the top and bottom of a steep slope.
Tube-wells are numerous throughout the sheet; only the important ones have been shown.
The administrative boundaries and names have been brought up to date to 2007.

COMPILATION INDEX

A. Compiled from 1:25,000 Survey, 1984-85. Updated for major details during 2005-06

Projection - UTM Datum - WGS 84

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

1:50,000

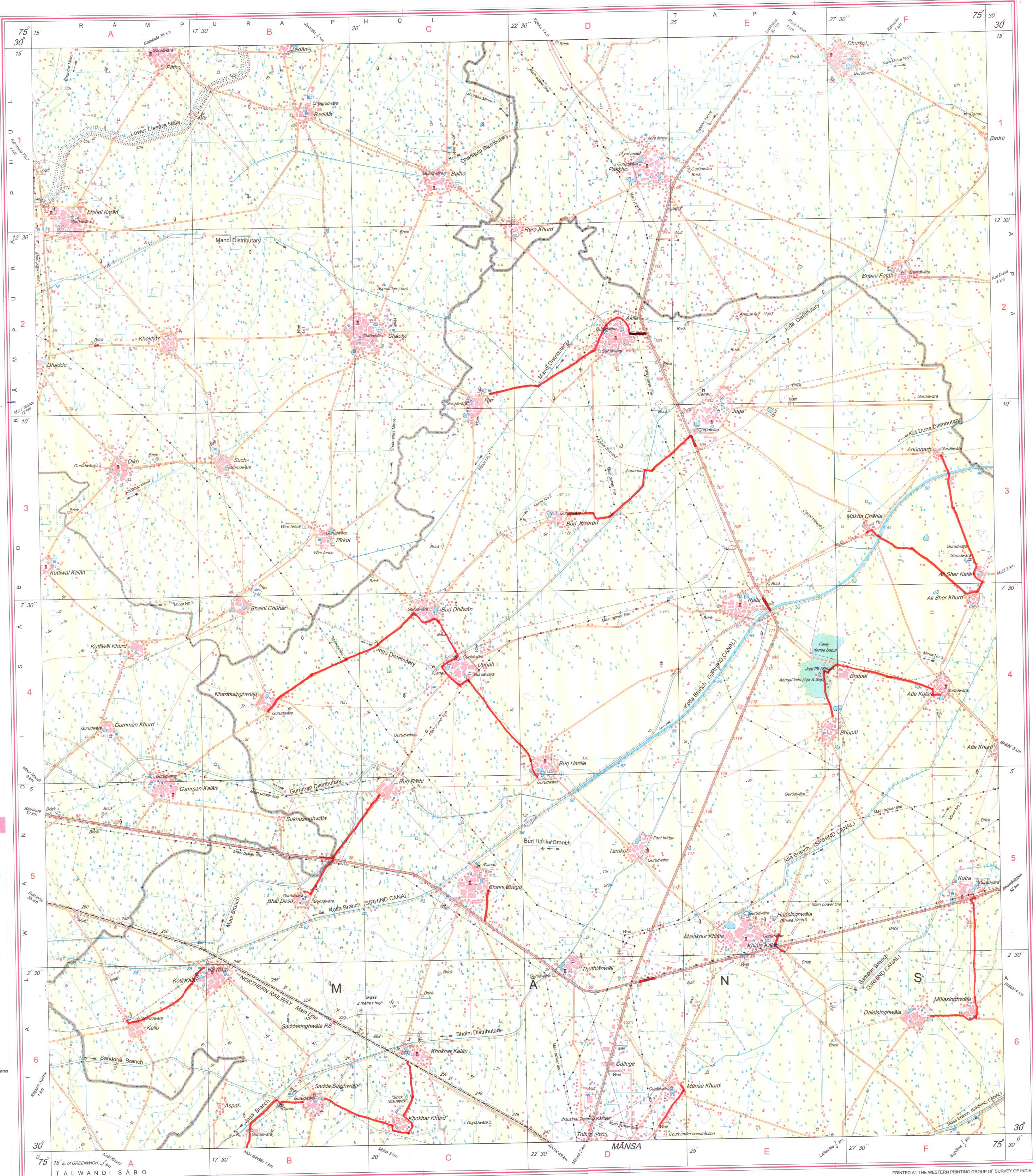
Metres 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact

Director
Punjab, Haryana and Chandigarh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2605027

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.



REG. No. 351 (C) - WPD 09 (P H C GDC-1:50,000)-1015

भारत के सर्वेक्षण के निदेशन में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, H317barkala 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

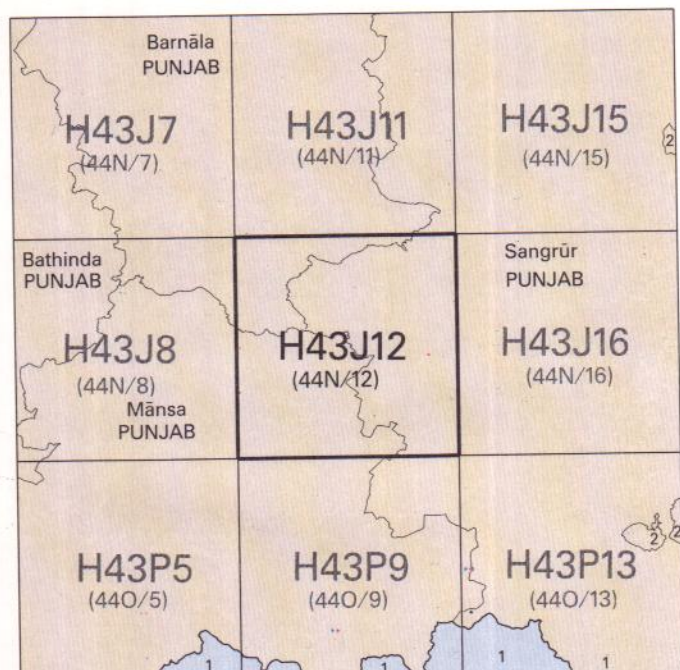


निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. H43J12

Scale 1:50,000



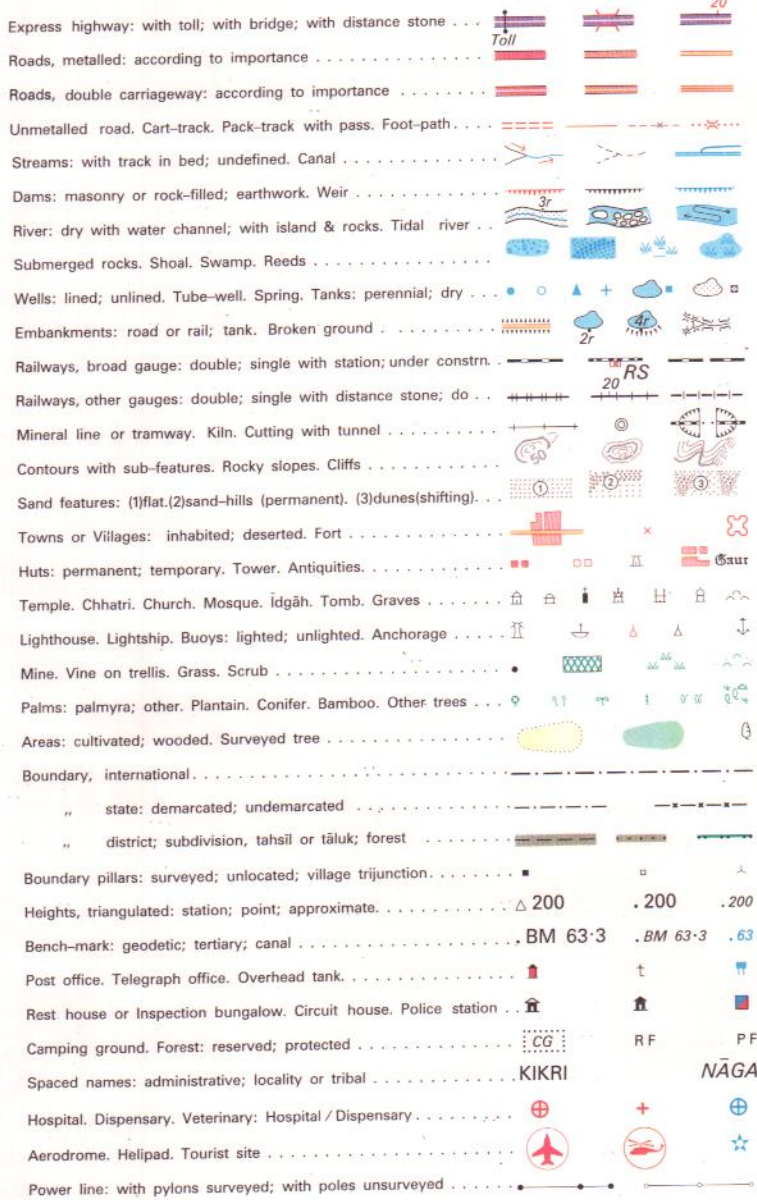
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009.

पृष्ठ : 1/8

CONVENTIONAL SYMBOLS



REFERENCE

NH 64 National Highway No. 64

NOTES :-

Permission to use cart-tracks and unmetalled roads along canals is required from the Irrigation authorities. 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, 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 July to March. Distance stones along Kotla Branch (SIRHIND CANAL) Budhla Branch (SIRHIND CANAL) and Broke Branch are 5,000 feet apart and every existing one is shown whereas along drains these are 1,000 feet apart and every existing fifth stone is shown. The administrative boundaries and names have been brought up-to-date to 2007.

COMPILATION INDEX

A Compiled from 1:25,000 survey, 1985-86, Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

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

1:50,000

500 m to 1 cm 2 cm to 1 km

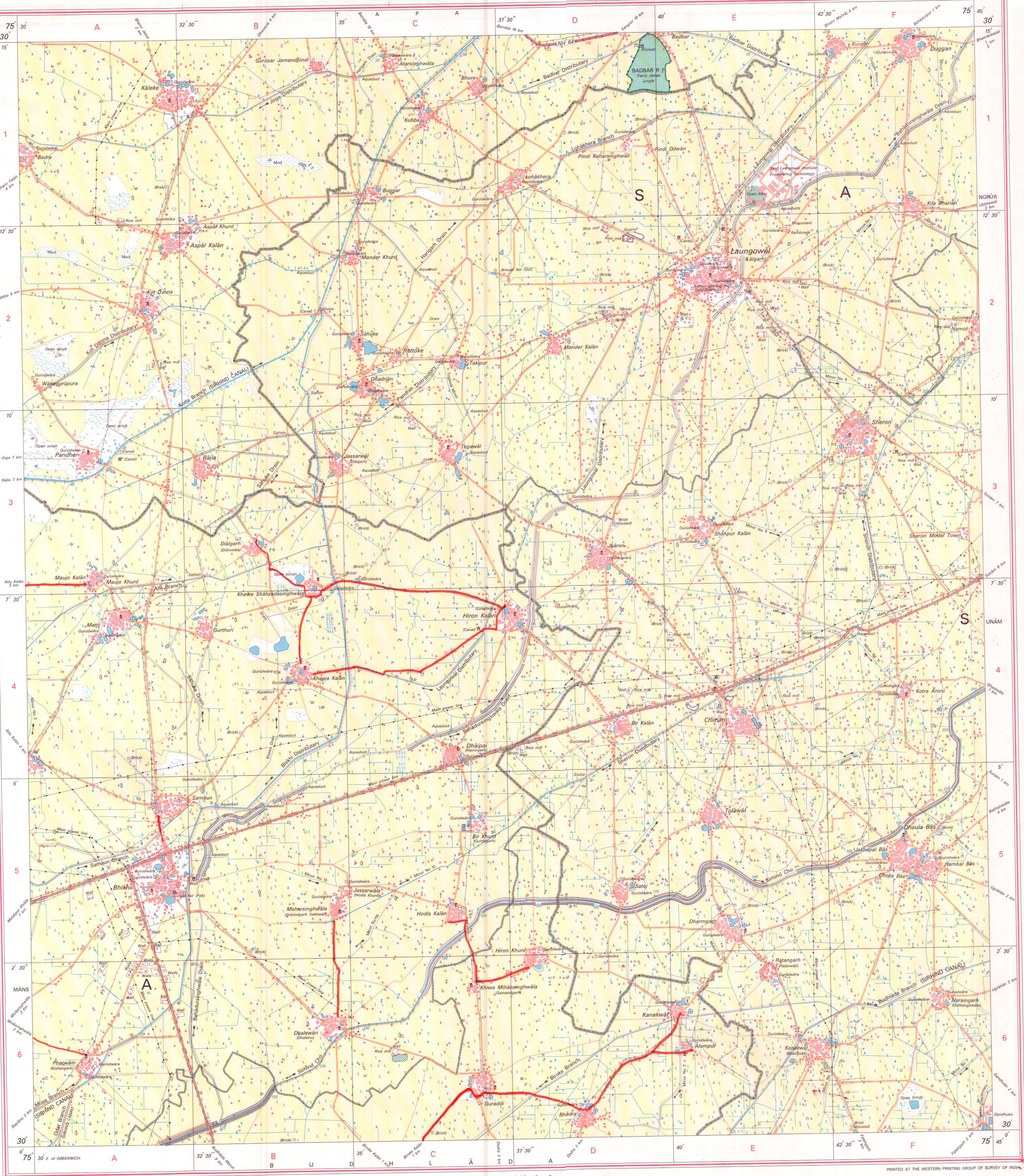
For further details about this map, please contact

Director
Punjab, Haryana & Chandigarh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2604671

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, 2009.



REG. No. 383(C) WPG D 09 (P, H & C) GDC-1:50,000-1815.

भारत के महासर्वेक्षक के निदेशन में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hathi Bunka 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

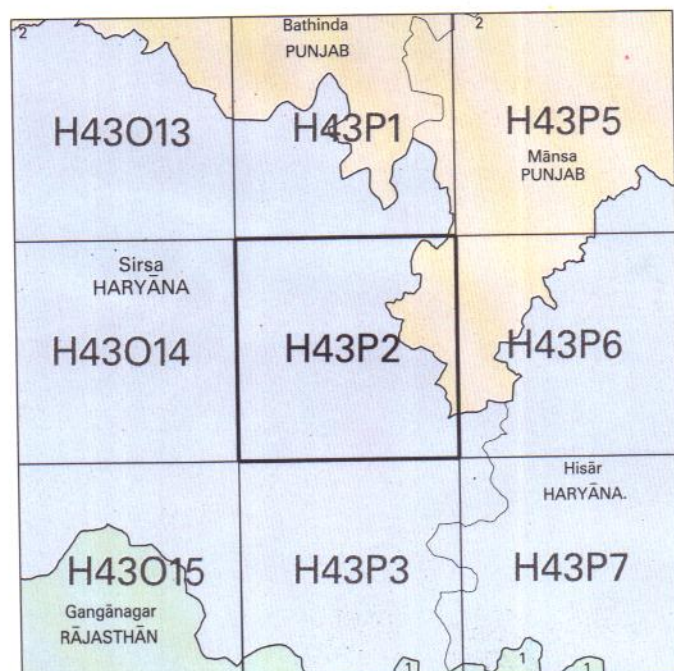


NOT FOR EXPORT

OPEN SERIES
MAP

No. H43P2

Scale 1:50,000



1 Gangānagar, RAJASTHAN.
2 Bathinda, PUNJAB.

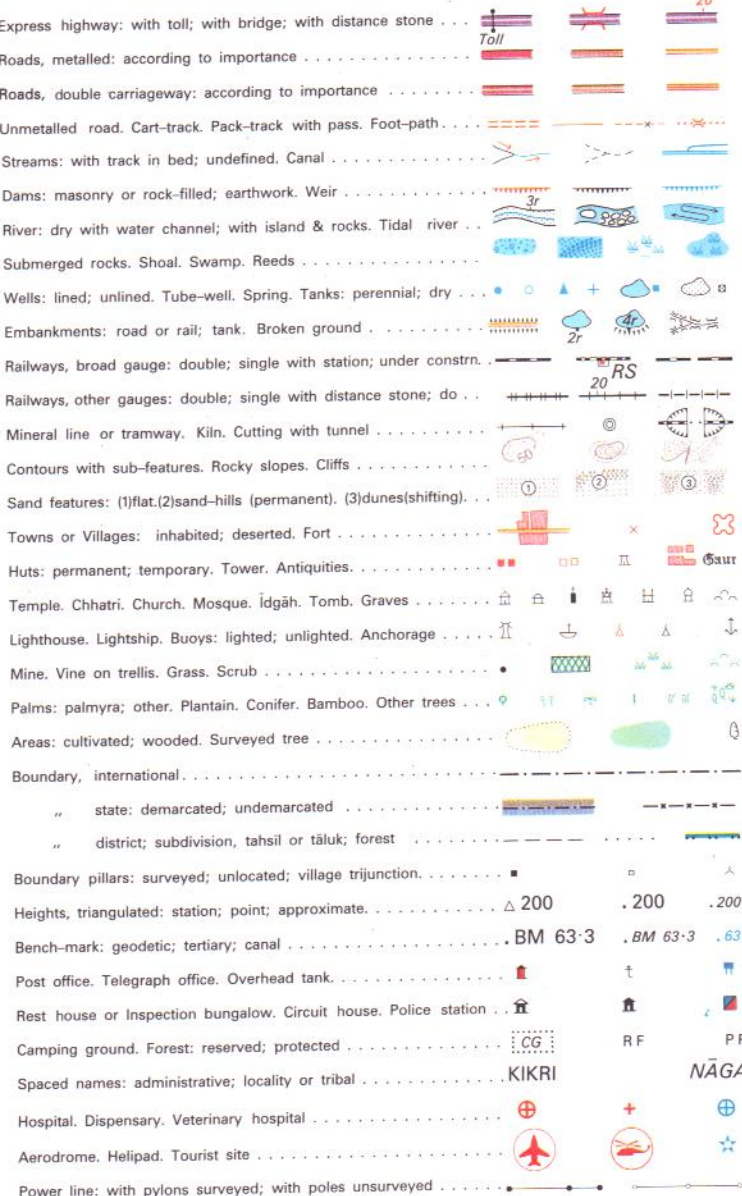
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2006.

P. 5018

CONVENTIONAL SYMBOLS



REFERENCE

NH 10 National Highway No. 10

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Tanks shown dry, in this area usually contain water from July to October.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
All cart-racks, in this sheet, are inseparable in dry season. Permission to use those along canals is required from the irrigation authorities.
The state boundary between Haryana and Punjab States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government concerned.
A relative height, 3r, represents the approximate height, in metres, between the top and bottom of a steep slope.
Distance stones along canals are 1,000 feet apart and every existing fifth stone is shown.
3000-acre reclamation stones of Bhakra Dam Project Surveys based on Origin 26° 50' N, 75° 15' E with their numbers are shown as tertiary bench-marks thus: D 553, BM 205.4.

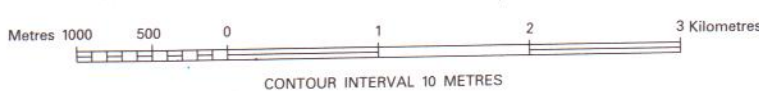
COMPILATION INDEX

A. This sheet has been compiled from 1:25,000 survey carried out during 1984-85. Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2000.
(Increasing by about 2" annually).

1:50,000



For further details about this map, please contact

Director
Punjab & Chandigarh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2606916

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.

REG. NO. 06(09)-WPG D 06 (P&C GSD-1:50,000)-1010.

भारत के नक्काशेकार नेज उक्त एरा रोपल स, सीटैको, पी जी फिए (एरियल फोटो), एमओएफएओ, एमओएओ, एमओएओ, के नियमन में प्रकाशित,
Published under the direction of Major General M. Gopal Rao, B.Tech., P.G.Dip. (Aerial Photo), MIM, MCA, FIS, Surveyor General of India,
Survey of India, Hathiabarka Estate, Post Box No. 37, Dehra Dun - 248001 (Uttaranchal)
Department of Science & Technology, Government of India.

PRINTED AT THE WESTERN PRINTING GROUP OF SURVEY OF INDIA.

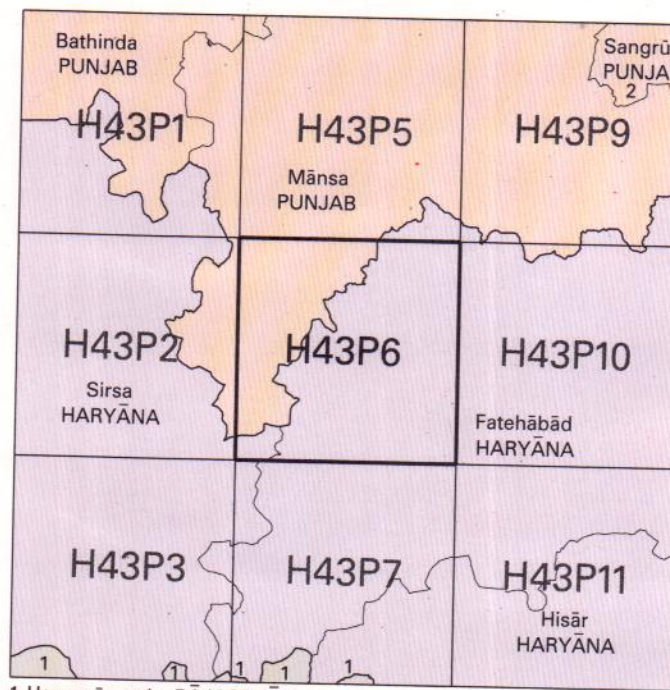


NOT FOR EXPORT

OPEN SERIES
MAP

No. H43P6

Scale 1:50,000



भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA

1st Edition 2008.

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; Weir
- River: dry with water channel; with island & rocks; Tidal river
- Submerged rocks, Shoal, Swamp, Reeds
- Wells: lined; unlined; Tube-well; Spring; Tank; 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. Kln. 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, Chhatri, Church, Mosque, Idgah, Tomb, Graves
- Lighthouse, Lightship, Buoy; lighted; unlighted; Anchorage
- Mine: Vine on trellis; Grass, Scrub
- Palm; 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; village junction
- 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
- Aerodrome, Helipad, Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 10 National Highway No. 10

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 2r, represents the approximate height, in metres, between the top and bottom of a step slope.
A relative height, e.g., 2r, marked along a canal indicates the height of the top of the canal embankment above the adjacent country.
All cart-tracks and unmetalled roads along canals are motorable throughout the year. Permission to use these is required from the irrigation authorities. Other cart-tracks and unmetalled roads are generally motorable in dry season.
Canal distance stones are 1,000 feet apart and every existing fifth stone is shown.
Tanks, shown dry, in this area usually contain water from July to March.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
A place of Antiquarian importance falling in Square No. F/6, belongs to Mughal period. This is protected monument maintained by Archaeological Survey of India.
The state boundary between Haryana and Punjab States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Governments concerned.
3,000-acre reclamation stones of Bhakra Dam Project Survey based on Origin 30° 00' N, 75° 15' E with their numbers are shown as tertiary bench-marks thus: E 123 BM 207.2

COMPILATION INDEX

A. Compiled from 1:25,000 survey, 1985-86. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2° East in 2005.

(Increasing by about 1' annually).

1:50,000

CONTOUR INTERVAL 10 METRES

For further details about this map, please contact

Director

Punjab & Chandigarh Geo-Spatial Data Centre

Survey of India, Sector 32 A

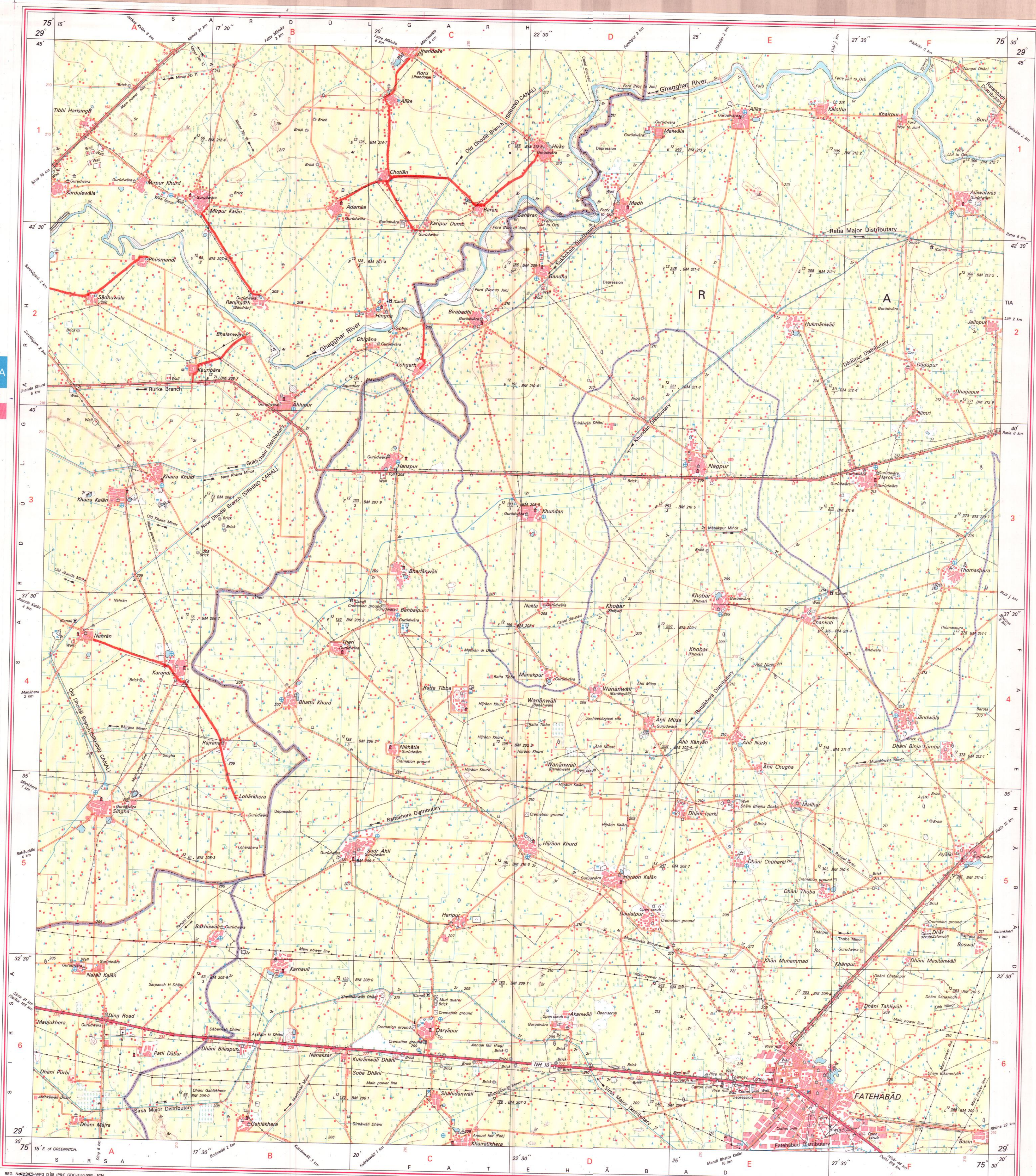
Chandigarh.

Fax : 0172 - 2606916

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, 2008.



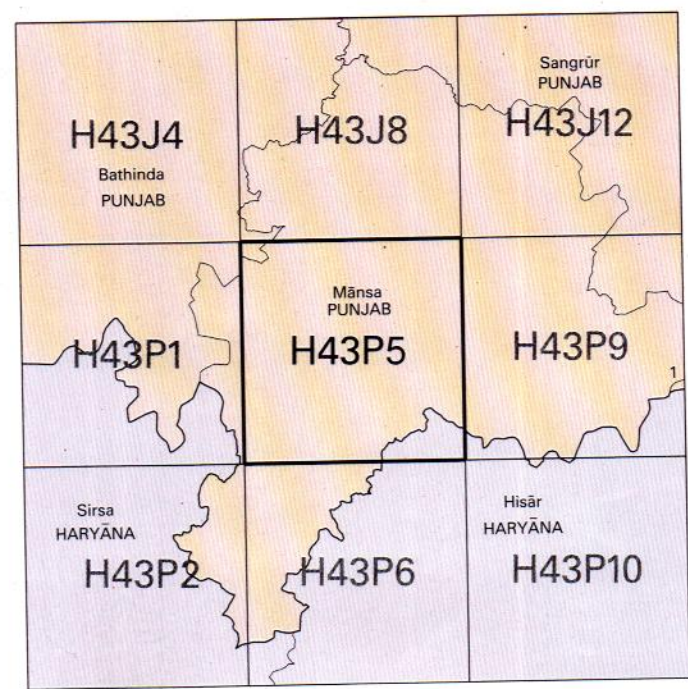
REG. No. 233(C)-WPG D 58 (P&C GDC-1-50,000)-1024.

भारत के गणराज्य में प्रथम बार, के निदेश में प्रकाशित,
Published under the direction of Dr. Prithvi Nath, Surveyor General of India,
Survey of India, Hathi Barkala 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. H43P5

Scale 1:50,000



भारतीय सर्वेक्षण विभाग
SURVEY OF INDIA
1st Edition 2006.

CONVENTIONAL SYMBOLS

Express highway with toll; with bridge; with distance stone	20
Roads, metalled; according to importance	10
Roads, double carriageway; according to importance	10
Unmetalled road; Cart-track; Pack-track with pass; Foot-path	10
Streams; with track in bed; undefined; Canal	10
Dams; masonry or rock-filled; earthwork; Weir	10
River; dry with water channel; with island & rocks; Tidal river	10
Submerged rocks; Shoal; Swamp; Reeds	10
Wells; lined; unlined; Tube-well; Spring; Tanks; perennial; dry	10
Embankments; road or rail; tank; Broken ground	10
Railways, broad gauge; double; single with distance stone; do.	10
Mineral line or tramway; Klin; Cutting with tunnel	10
Contours with sub-features; Rocky slopes; Cliffs	10
Sand features; (Tidal/Sand-hills (permanent); (Dunes/shifting)	10
Towns or Villages; inhabited; deserted; Fort	10
Huts; permanent; temporary; Tower; Antiquities	10
Temple; Chhatri; Church; Mosque; Idgah; Tomb; Graves	10
Lighthouse; Lightship; Buoys; lighted; unlighted; Anchorage	10
Mine; Vine on trellis; Grass; Scrub	10
Palms; palm-tree; other; Plantain; Conifer; Bamboo; Other trees	10
Areas; cultivated; wooded; Surveyed tree	10
Boundary; international	10
state; demarcated; undemarcated	10
district; subdivision; tahsil or taluk; forest	10
Pillars; surveyed; unlocated; village trijunction	10
Heights; triangulated; station; point; approximate	10
BM 63.3	10
Post-office; Telegraph office; Overhead tank	10
Rest house or inspection bungalow; Circuit house; Police station	10
Camping ground; Forest; reserved; protected	10
Spaced names; administrative; locality or tribal	10
Hospital; Dispensary; Veterinary hospital	10
Aerodrome; Helipad; Tourist site	10
Power line; with pylons surveyed; with poles unsurveyed	10

NOTES :-
Heights are in metres and above Indian mean sea level.
Contours are appropriate.
A relative height, e.g., 4', marked along a canal, indicates the height of top of the canal embankment above the adjacent ground.
Tanks shown dry, in this area usually contain water from July to October.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
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.
Canal distance stones along BHAKRA CANAL Main Branch and Sirhind Drain are 1000 feet apart and every existing fifth stone is shown. Other canal distance stones are 5000 feet apart and existing ones have been shown.
Avenues of trees, exist along all main and branch canals in this sheet.
The state boundary between Haryana and Punjab States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Governments concerned.
3,000-acre reclamation stones of Bhakra Dam Project Survey based on Origin 30° 00' N, 75° 15' E with their numbers are shown as tertiary bench-marks thus:- E 759, BM 213.7.

COMPILED INDEX
A. Surveyed during 1984-85.
Compiled from 1:50,000 survey, with additions and alterations based on rapid verification survey carried out during 2005-06.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 1° East in 2000.
(increasing by about 2' annually).
1:50,000
500 m to 1 cm
2 cm to 1 km
Kilometres
CONTOUR INTERVAL 10 METRES
For further details about this map, please contact
Director
Punjab & Chandigarh Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2806916
WEBSITE - www.surveyofindia.gov.in

