NOT FOR EXPORT

OPEN SERIES MAP

No. H43Q14

Scale 1:50,000

H43Q9 Kaithal HARYĀNA	H43Q13 Kurukshetra HARYĀNA	H43R1
QH43Q10	H43Q14 Karnāl HARYĀNA	H43R2 Muzaffarnagar U.P.
H43Q11 Jind HARYĀNA	H43Q15 Pānipat HARYĀNA	H43R3

1 Sonipat, HARYĀNA
2 Yamunānagar, HARYĀNA.
3 Bāghpat, U.P.
4 Sahāranpur, U.P.

भारतीय सर्वेक्षण विभाग | SURVEY OF INDIA

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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 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)dunes(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
" Pillars: surveyed; unlocated; village trijunction.
Heights, triangulated: station; point; approximate. 200 .200 .200
Bench-mark: geodetic; tertiary; canal BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG R F P F
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary hospital
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCE

NH 1 National Highway No. 1

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., .2x marked along a canal indicates the height of the top of the canal embankment above the adjacent country.
3,000-acre rectangulation stones of Bhākra Dam Project Surveys and their numbers are shown as tertiary bench-marks thus :–. . . . . H 493/3 . BM 241·3

COMPILATION INDEX

A. Surveyed during 1989–90. Updated for major details during 2005–06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 3°/4 East in 2000.
(Increasing by about 2′ annually).

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3

CONTOUR INTERVAL 10 METRES

For further details about this map, please contact
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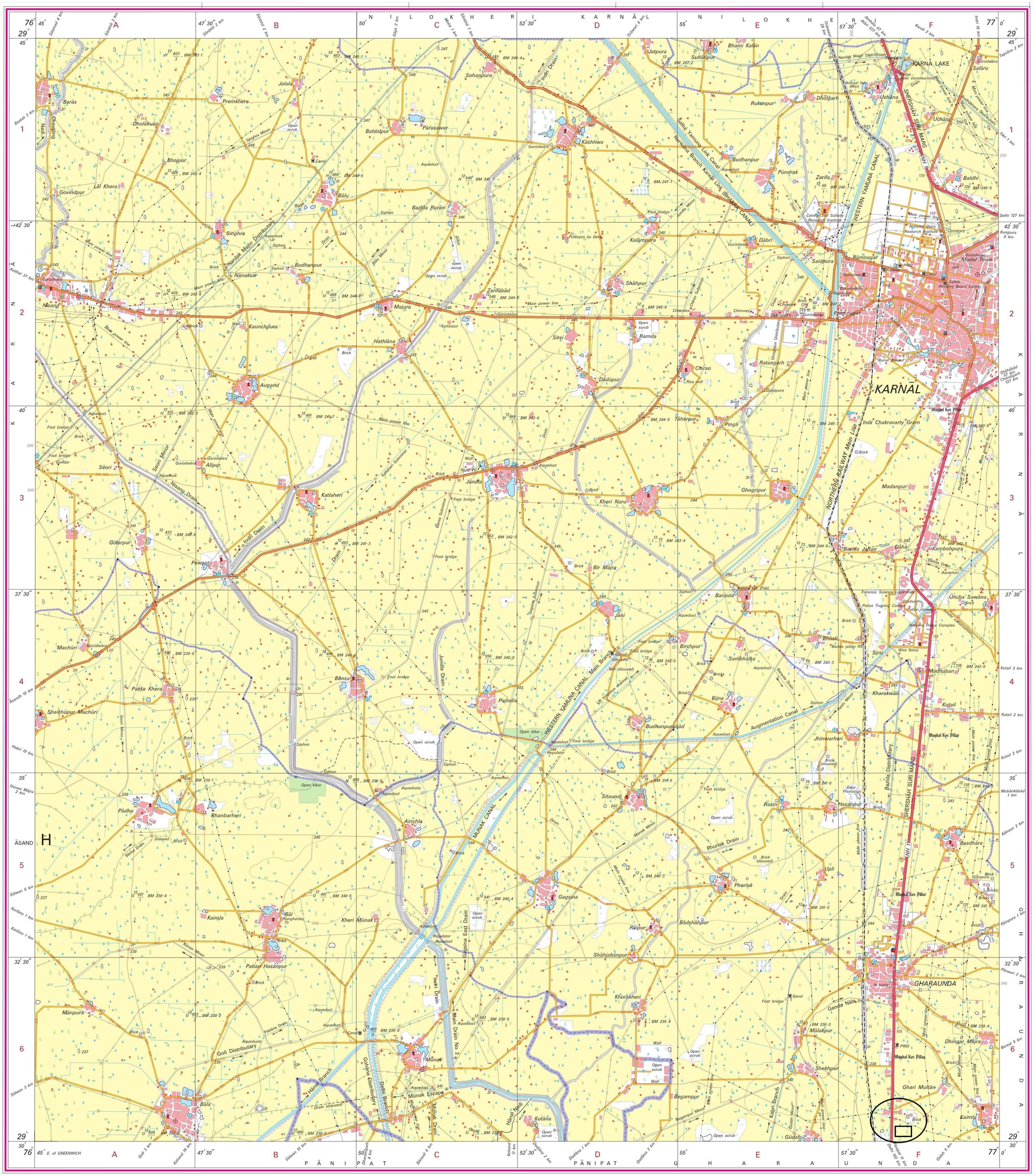
KARNĀL
KARNA LAKE
GHARAUNDA
WESTERN YAMUNA CANAL
SHERSHAH SURI MARG
NORTHERN RAILWAY Main Line
Augmentation Canal
MUNAK CANAL
Sutlej Yamuna Link Canal (BHAKRA CANAL)
Narwana Branch Karnal Link
Indri Drain
Jundla Drain
Gagsina East Drain
Phurlak Drain
Kabri Branch
Hānsi Branch
Delhi Branch
Munak Escape
Munak Drain
Main Drain No 2
Forensic Science Laboratory
Police Training College
Haryana Police Complex
Central Soil Salinity Research Institute
National Dairy Research Institute
Model Town
Indri Chakravarty Gram
Bhaghal Kas Pillar
Jhinwarheri
Sitaundi
Gagsina
Munak
Kutāna
Bāla
Pānipat
Karnāl
Gharaunda
Haryāna
Punjab
Delhi 127 km
Shāhābād 57 km
Chandigarh 127 km
Kurukshetra 8 km
Kaithal 37 km
Jind 16 km
Tarāori 1 km
Kutail 3 km
Kutail 2 km
Kutail 1 km
Kutail 2 km
Kutail 2 km
Kutail 2