

No. H43J11
 Scale 1:50,000

Moga PUNJAB H43J6 (44N/8)	Ludhiana PUNJAB H43J10 (44N/10)	H43J14 (44N/14)
H43J7 (44N/7)	H43J11 (44N/11) Barnala PUNJAB	H43J15 (44N/15) Sangrur PUNJAB
Bathinda PUNJAB H43J8 (44N/8)	H43J12 (44N/12)	H43J16 (44N/16)

1 Patiala, PUNJAB.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone	
Roads, installed: 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 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: (Tidal) (Zoned-hills) (permanent); (discontinuous)	
Towns or Villages: inhabited; deserted; Fort	
Huts: permanent; temporary; Tower; Antiquities	
Temple; Chhatra; Church; Mosque; Sigh; Tomb; Graves	
Lighthouse; Lightship; Buoy; Lighted; unlighted; Anchorage	
Mine: View on trella; Gress; Scrub	
Palm; palmry; other; Plantain; Coconut; Bamboo; Other trees	
Areas cultivated; wooded; Surveyed tree	
Boundary: international	
state; demarcated; undemarcated	
district; subdivision; tahsil or shik; forest	
Boundary pillars: surveyed; unlocated; village intersection	
Height; 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	
Spiced names: administrative; locality or tribal	
Hospital; Dispensary; Veterinary; Hospital/Dispensary	
Aerodrome; Heliport; Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	

REFERENCE
 NH 64 National Highway No. 64

NOTES

Permission to use cart-track and unmetalled roads along canals is required from the irrigation authorities.
 A relative height, 'R', represents the approximate height, in metres, between the top and bottom of a steep slope.
 Distance stones along Kolla Branch (SIRIND CANAL) and east edge of Haliya Branch (SIRIND CANAL) are 5000 feet apart and every existing one is shown whereas along other canals and drains, these are 1000 feet apart and every existing one is shown.
 A relative height, e.g., 'R', 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 December.
 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.

COMPILED INDEX

A Compiled from 1:25,000 survey, 1986-87.
 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).

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

For further details about this map, please contact
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