



**No. F43A6**  
Scale 1:50,000

Patan GUJARAT F43A1 (46A/1)	F43A5 (46A/5)	F43A9 (46A/9)
F43A2 (46A/2)	<b>F43A6 (46A/6)</b> Mahesana GUJARAT	F43A10 (46A/10)
F43A3 (46A/3)	F43A7 (46A/7)	Gandhinagar GUJARAT F43A11 (46A/11)

1 Banaskantha, GUJARAT.  
2 Sabarkantha, GUJARAT.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA  
1st Edition 2011. Price: Rs. 200/-

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**CONVENTIONAL SYMBOLS**

Express highway, with toll, with bridge, with distance stone	
Roads, metalled, according to importance	
Roads, double cartway, according to importance	
Unmetalled road, Cart-track, Pack-track with pass, Foot-path	
Streams, with track in bed, undrained, Canal	
Dams, masonry or rock-filled, earthenwork, Weir	
River, dry with water channel, with island & rocks, Tidal river	
Saltwater rock, Shrub, Swamp, Hoop, Sand	
Wells, hand, tubed, Tube-well, Spring, Tanks, permanent, dry	
Embankments, road or rail, bank, Broken ground	
Railways, broad gauge, double, single with station, under constn.	
Railways, other gauge, double, single with distance stone, do.	
Mineral line or tramway, Kin, Cutting with tunnel	
Contours with sub-basins, Rocky slopes, Cliff	
Sand saltpetre (Type) (Dried/Salt-petre), (Dikra/Salt-petre)	
Towns or Villages, inhabited, deserted, Fort	
Hulk, permanent, temporary, Tower, Antiquities	
Temples, Chhatri, Church, Mosque, Igah, Tomb, Graves	
Lighthouse, Lightship, Buoy, Light, unlighted, Anchorage	
Mine, Vise on track, Grass, Scrub	
Palm, palmyra, other, Plantain, Coriander, Bamboo, Other trees	
Areas, cultivated, wooded, Sprayed, tree	
Boundary, international	
state, demarcated, undemarcated	
district, subdivision, taluk or thika, forest	
Boundary pillars, surveyed, unlocated	
Heights, triangulated, station, point, approximate	
BM 63-3	
Post office, Overhead tank	
Rent house or inspection bungalow, Chhat house, Police station	
Camping ground, Forest reserved, protected	
Speed names, administrative, locality or tribal	
Hospital, Dispensary, Veterinary Hospital / Dispensary	
Aerodrome, Helipad, Tourist site	
Power line, with pylons surveyed, with poles unsurveyed	

**NOTES**

Heights are in metres and above Indian mean sea level.  
Contours are approximate.  
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.  
Tube-wells are numerous in the southern half of the sheet but only important ones have been shown. Cell-tanks, in the sheet, against which there is no descriptive remark, are generally motorable (four-wheel drive) in dry season.  
Tanks, shown dry, in this area usually contain water from July to November.  
Cactus hedges generally exist along cart-roads and field boundaries.

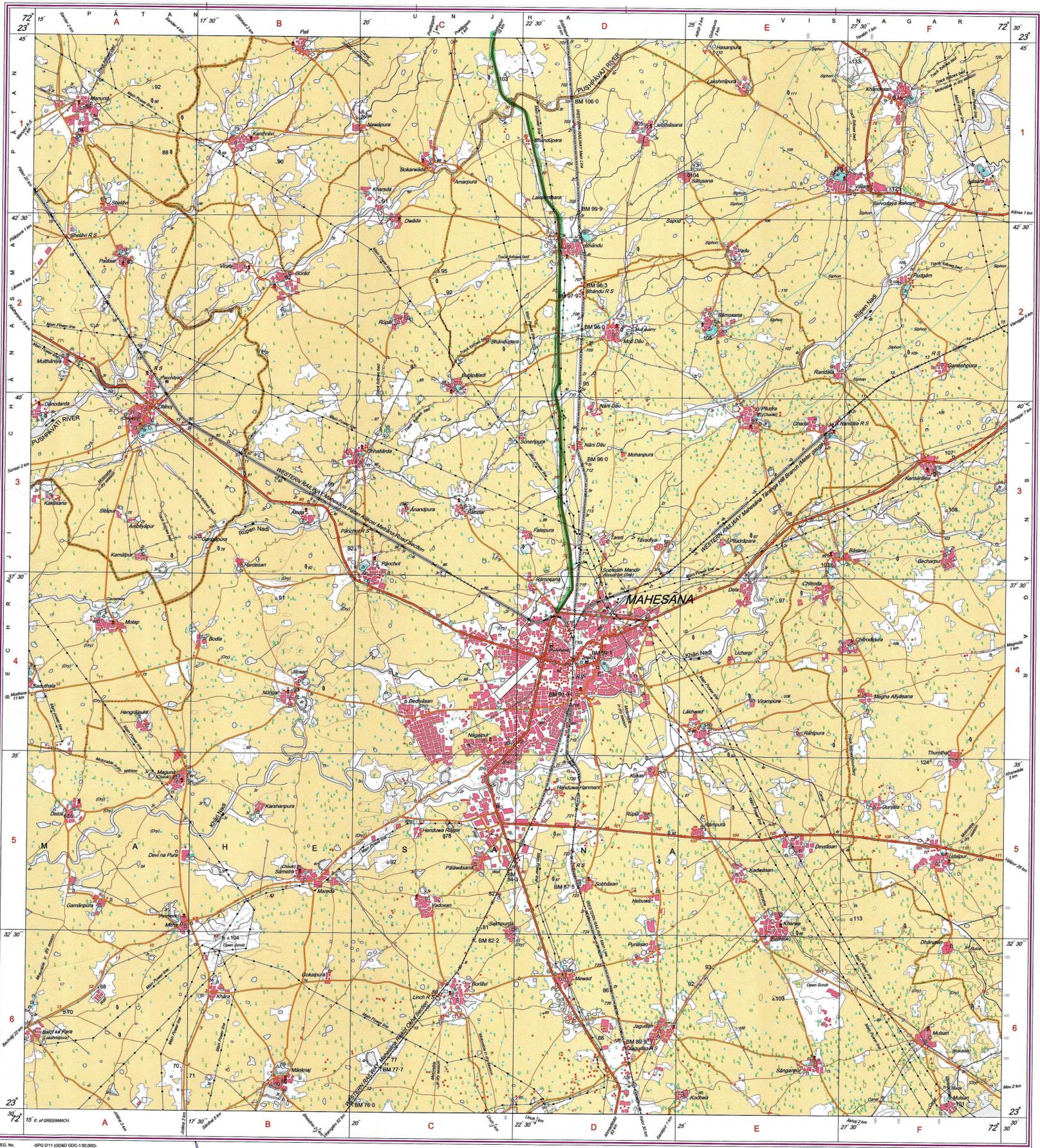
**COMPILED INDEX**

A	Surveyed during 1957-68, Updated for major detail during 2005-06.
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Projection - UTM Datum - WGS 84  
Magnetic Variation from True North about 1° West in 2005.  
(Decreasing by about 1' annually.)  
Scale 1:50,000  
CONTOUR INTERVAL: 20 METRES

For further details about this map, please contact  
Gujarat, Daman & Diu Geo-Spatial Data Centre  
Survey of India, Sector 10(A)  
Gandhinagar.

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मुद्रण व विक्रय केंद्र / Geo-Spatial Data Centre  
भारतीय सर्वेक्षण विभाग / Survey of India  
B-15/47  
21/04/19

महाराष्ट्र के सर्वेक्षण, सर्वेक्षण विभाग, सर्वेक्षण विभाग के द्वारा।  
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Department of Science & Technology, Government of India.  
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No. F43A10  
Scale 1:50,000

Pipli GUJARAT F43A5 (46A/5)	F43A9 (46A/9)	F43A13 (46A/13)
F43A6 (46A/6)	Mahesana GUJARAT F43A10 (46A/10)	Sábar Kántha GUJARAT F43A14 (46A/14)
F43A7 (46A/7)	Gáandhinagar GUJARAT F43A11 (46A/11)	F43A15 (46A/15)

1 Ahmadábad, GUJARAT.  
2 Sábar Kántha, GUJARAT.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA  
1st Edition 2011. Price : Rs. 70/-

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, unmetalled, Canal
- Dams: masonry or rock-fill, earthen, Weir
- Flood, dry with water channel with dam & water, Flood plain
- Submerged lands, Shad, Swamp, Reek
- Wells: lined, unlined, Tube-well, Spring, Tanks: perennial, dry
- Embankments: road or rail, bank, broken ground
- Railways, broad gauge, double, single with station, under constr.
- Railways, other gauges: double, single with distance stone, etc.
- Mineral line or tramway, K.M. Cutting with tunnel
- Contours with altitudes, Rock, Cliff, Caves
- Sand heaves (1:500) (2:500) (3:500) (4:500) (5:500)
- Towns or Villages: inhabited, deserted, Fort
- Huts: permanent, temporary, Tower, Antiquities
- Temple, Chhatra, Church, Mosque, Gáha, Tomb, Graves
- Lighthouse, Lightship, Buoy, Lighted, unlighted, Anchorage
- Mine, Veta on hills, Stream, Stone
- Palms, papyrus, other, Plants, Corals, Embank, Other trees
- Areas: cultivated, wooded, Surveyed tree
- Boundary, international
- state demarcated, undemarcated
- district, subdivision, taluk or taluk, forest
- Boundary pillar: surveyed, uncoloured
- Height, triangulated station, spot, approximate
- BM: 63-3, 63-4, 63-5, 63-6, 63-7, 63-8, 63-9
- Post office, Overhead tank
- Rest house or inspection bungalow, Circuit house, Police station, etc.
- Camping ground, Forest: reserved, protected
- Spaced names administrative, locality or tribal
- Hospital, Dispensary, Veterinary, Hospital / Dispensary
- Aqueduct, Well, Turbine
- Power line, with pylons surveyed, with poles unsurveyed

NOTES

Heights are in metres and above Indian mean sea level  
Contours are approximate  
The stippled heights and contours in this sheet have not been adjusted to the heights of the spot heights and may not be strictly in accordance with them  
A relative height, B, represents the approximate height, in metres, between the top and bottom of a steep slope  
Cactus hedges generally exist along tank beds and field bunds  
Tanks, shown dry, in this area usually contain water from July to December  
Towns in this sheet, against which there is no descriptive remark, are generally indolent (the word shown in dry season)

COMPILED INDEX

A	Surveyed during 1968-69. Updates for major details during 2000-06.
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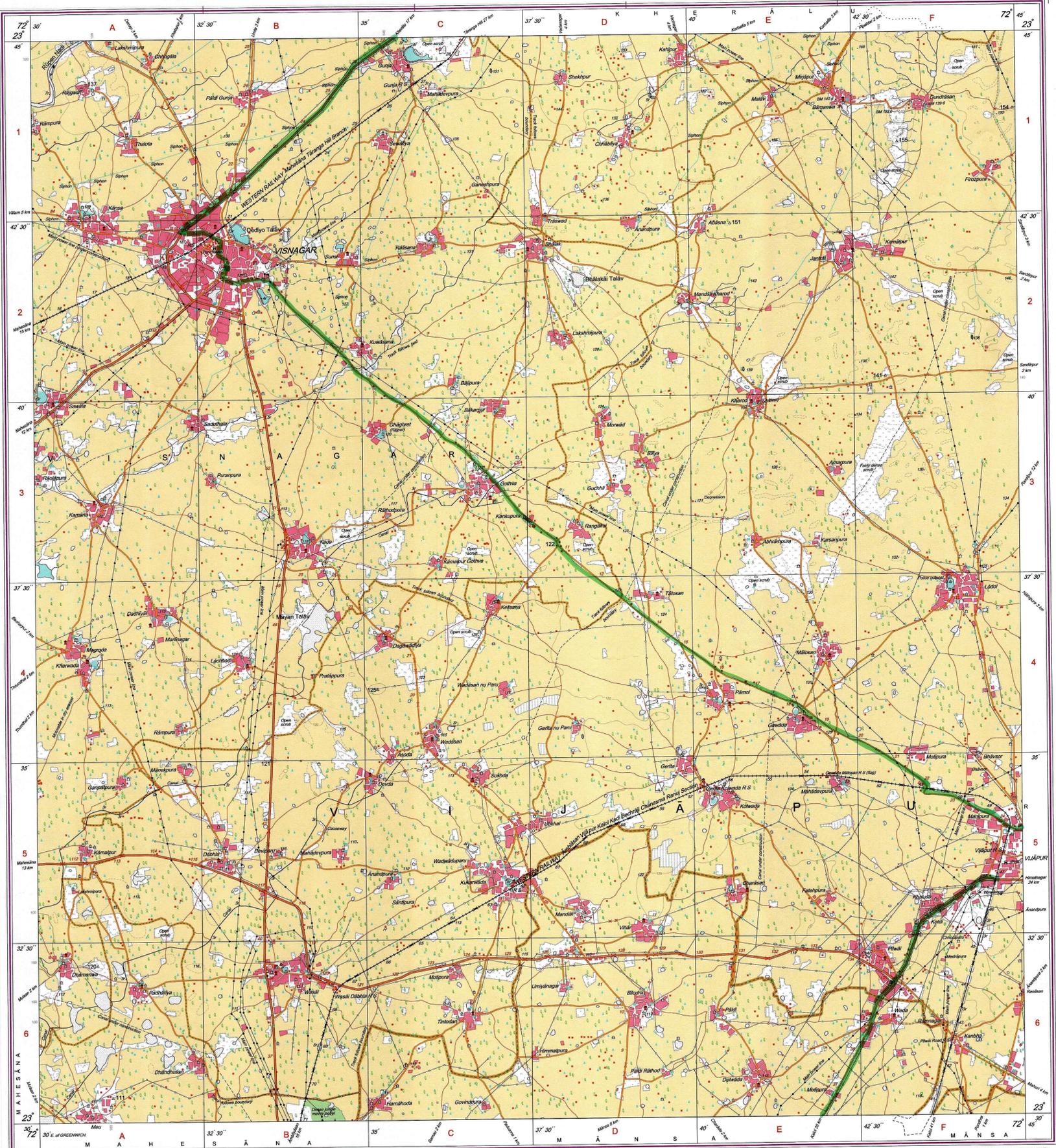
Projection - UTM Datum - WGS 84  
Magnetic Variation from True North about 1° West in 2005.  
(Decreasing by about 1' annually)  
500 m to 1 cm  
1:50,000  
2 cm to 1 km  
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact  
Director  
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Survey of India, Sector-10 (A)  
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Survey of India, Hitech Park Estate, Post Box No. 37, Dabra, Distt-248001 (Uttarakhand)  
Department of Science & Technology, Government of India.

ગુજરાત, દામન અને દિવુ / Gujarat, Daman & Diu  
પુસ્તકનું સંચાલન / Geo Spatial Data Centre  
પાલિકા સર્વેક્ષણ વિભાગ / Survey of India

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.



**No. F43A13**  
 Scale 1:50,000

Bánás Kántha GUJARÁT G43S12 (45D/12)	G43S16 (45D/16)	Udaipur RAJASTHÁN G43T4 (45H/4)
F43A9 (46A/9) Maheshvara GUJARÁT	<b>F43A13</b> (46A/13) Sábar Kántha GUJARÁT	F43B1 (46E/1) Sábar Kántha GUJARÁT
F43A10 (46A/10)	F43A14 (46A/14)	F43B2 (46E/2)

1 Gándhinagar, GUJARÁT.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA  
 1st Edition 2011. Price: Rs.118/-

**CONVENTIONAL SYMBOLS**

Truss highway, with toll; with bridge; with distance stone	
Roads, metalled according to importance	
Unmetalled road. Cart-track. Pack-track with pass. Foot-path	
Streams: with track in bed; undefined. Canal	
Dam: masonry or rock-filled; earthwork. Weir	
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.	
Mineral line or tramway. Kin. Cutting with tunnel	
Contours with sub-intervals. Rocky slopes. Cuts. Slat features (Val. (Dissected hills/plateaus), (S)lopes/shifting)	
Towns or Villages: inhabited; deserted; Fort	
Huts: permanent; temporary. Tower. Antiquities	
Temple. Chhat. Church. Mosque. Idgah. Tomb. Graves	
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage	
Mine. Vine on trellis. Grass. Somb. 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: pedetic; tertiary; canal	
Post office. Telegraph office. Overhead tank	
Rail foot-cast or inspection burrows. 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 :-**  
 Heights and contours 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.  
 Tanks, shown dry in this area, usually contain water from July to October.  
 Cactus hedges generally exist along cart-tracks and field bunds.

**COMPILATION INDEX**  
 A. Surveyed during 1967-68. Updated for major details from 1:25,000 survey 1967-69.

Projection - UTM Datum - WGS 84  
 Magnetic Variation from True North about 1/2° West in 2005.  
 (Decreasing by about 1" annually).  
 1:50,000  
 500 m to 1 cm 2 cm to 1 km  
 METRES 1000 500 0 1 2 Kilometres  
 CONTOUR INTERVAL 20 METRES

For further details about this map, please contact  
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