



No. F43N5  
Scale 1:50,000

F43H4 (46F/4)	Vadodara GUJARAT F43H8 (46F/8)	F43H12 (46F/12)
F43N1 (46G/1)	F43N5 (46G/5)	F43N9 (46G/9)
Bharuch GUJARAT F43N2 (46G/2)	F43N6 (46G/6)	Narmada GUJARAT F43N10 (46G/10)

1 Bharuch GUJARAT.  
2 Surat GUJARAT.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2011. Price: Rs.118/-

**CONVENTIONAL SYMBOLS**

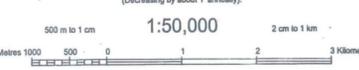
- Express highway; with toll; with bridge; with distance stone
- Roads, metalled; according to importance
- Roads, double cartway; according to importance
- Unmetalled road. Cart-track. Pack-track with pass. Foot-path
- Streams: with track in bed; unlined. Canal
- Dams: masonry or rock-filled; earthwork. 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 constn.
- Railways, other gauges; double; single with distance stone; do.
- Mineral line or tramway. Kite. 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. Jagan. Tomb. Graves
- Lighthouse. Lightship. Buoy: lighted; unlighted. Anchorage
- Mine. Vine on trellis. Grass. Scrub
- Palms: palms; other. Plantain. Conifer. Bamboo. Other trees
- Areas: cultivated; wooded. Surveyed tree
- Boundary: international
- state: demarcated; undemarcated
- district: subdivision; taluk or taluk; forest
- Boundary pillars: surveyed; unlocated
- Heights, triangulated; station; point; approximate
- Bench-mark: geodetic; tertiary; canal
- Post 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

REFERENCE  
WR Western Railway Vahvan-Chandod Section (0-76 m gauge).

NOTES  
Heights and Contours have not been shown.  
A relative height, e.g., -4c, represents the approximate height, in metres, between the top and bottom of a steep slope.  
Cultivation is periodic and dependent on rainfall.  
Tanks in this area usually contain water from July to December.

COMPILATION INDEX  
A. Surveyed during 1971-72. Updated for major details from 1:25,000 survey during 1999-2000.

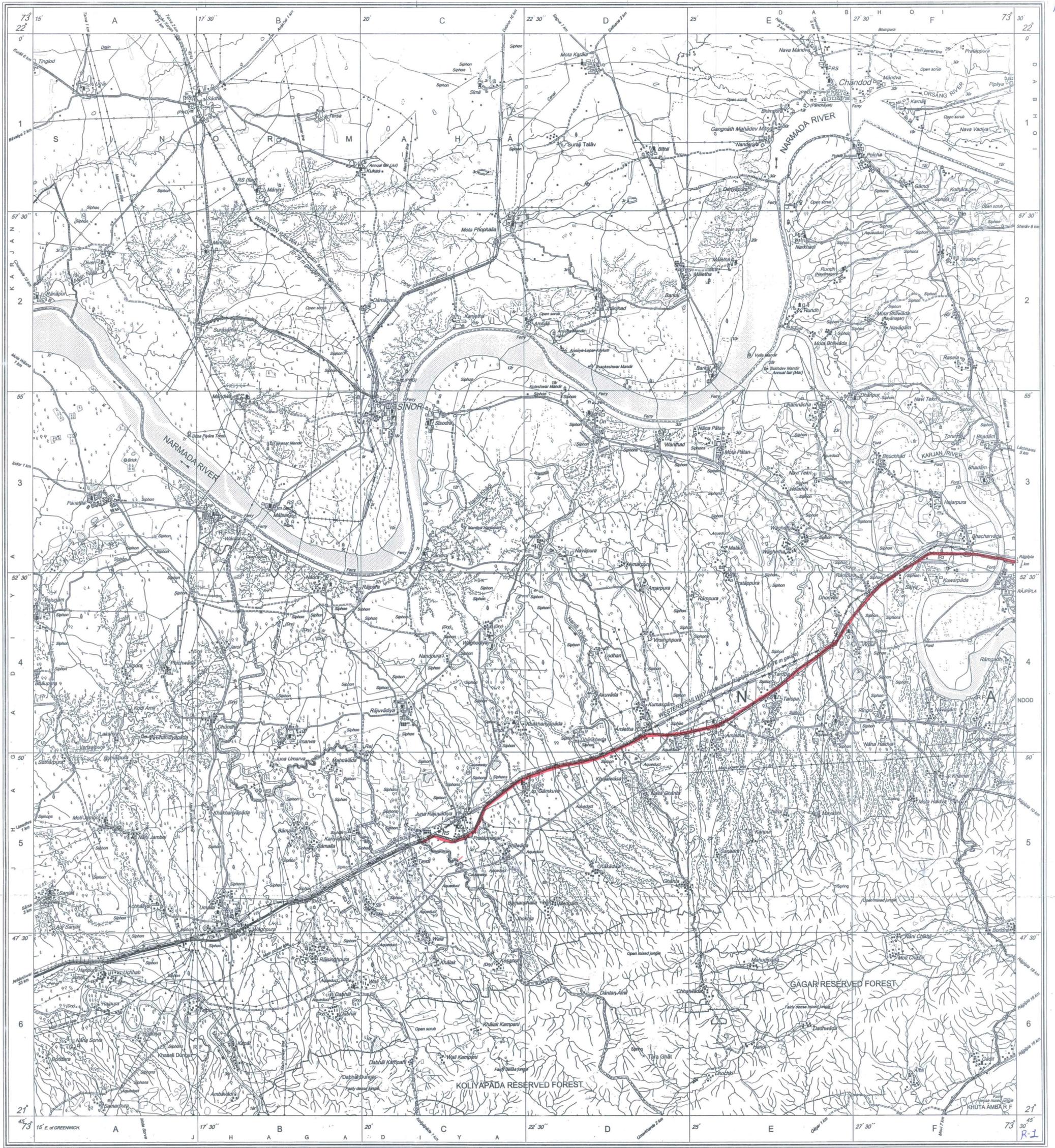
Projection - UTM Datum - WGS 84  
Magnetic Variation from True North about 1/4 West in 2005.  
(Decreasing by about 1' annually)



For further details about this map, please contact  
Director  
Gujarat, Daman & Diu Geo-Spatial Data Centre  
Survey of India, Sector-10 (A)  
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निर्वात के लिए नहीं NOT FOR EXPORT

# No. F43N9

Scale 1:50,000

F43H8 (46F/8)	Vadodra GUJARAT F43H12 (46F/12)	F43H16 (46F/16)
F43N5 (46G/5)	F43N9 (46G/9) Narmada GUJARAT	F43N13 (46G/13) Dhule MAHARASHTRA
F43N6 (46G/6) Bharuch GUJARAT	F43N10 (46G/10)	F43N14 (46G/14)

1 Surat, GUJARAT.  
2 Tapi, GUJARAT.

1st Edition 2011. Price : Rs. 70/-

### 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; undefined. Canal	
Dams: masonry or rock-filled; earthwork. Weir	
River: dry with water channel; with island & rocks. Tidal river	
Submerged rocks. Shoal. Swamp. Reeds	
Walk: lined; unlined. Tube-well. Spring. Tanks; perennial; dry	
Embankments: road or rail; tank. Broken ground	
Railways, broad gauge: double; single with station; under constn	
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)unes/shifting	
Towns or Villages: inhabited; deserted. Fort	
Hut: permanent; temporary. Tower. Antiquities	
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves	
Lighthouse. Lightship. Buoys: 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 block; forest	
Boundary pillar: surveyed; uncolated	
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

Heights: are in metres and above Indian mean sea level.  
Contours are approximate.  
A relative height, e.g., 20, represents the approximate height, in metres, between the top and bottom of a steep slope.  
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.  
The kilometre stone numbers along roads are shown in slant type, e.g., 'J' whereas milestone numbers are shown in upright type, e.g., '3'.  
Unmetalled roads in this sheet are generally motorable in dry season.  
A relative height, e.g., 20, against a well indicates its total depth in metres.  
Tanks in this area usually contain water from July to December.  
Cultivation is periodic and dependent on rainfall.  
The common boundaries of the Reserved Forests between Chopadi RF & Dhunkhal RF and Jharwani RF & Rajpila RF in squares B12 and C12 have not been shown for want of reliable information.

### COMPILATION INDEX

A Surveyed during 1971-72. Updated for major details during 2004-05.



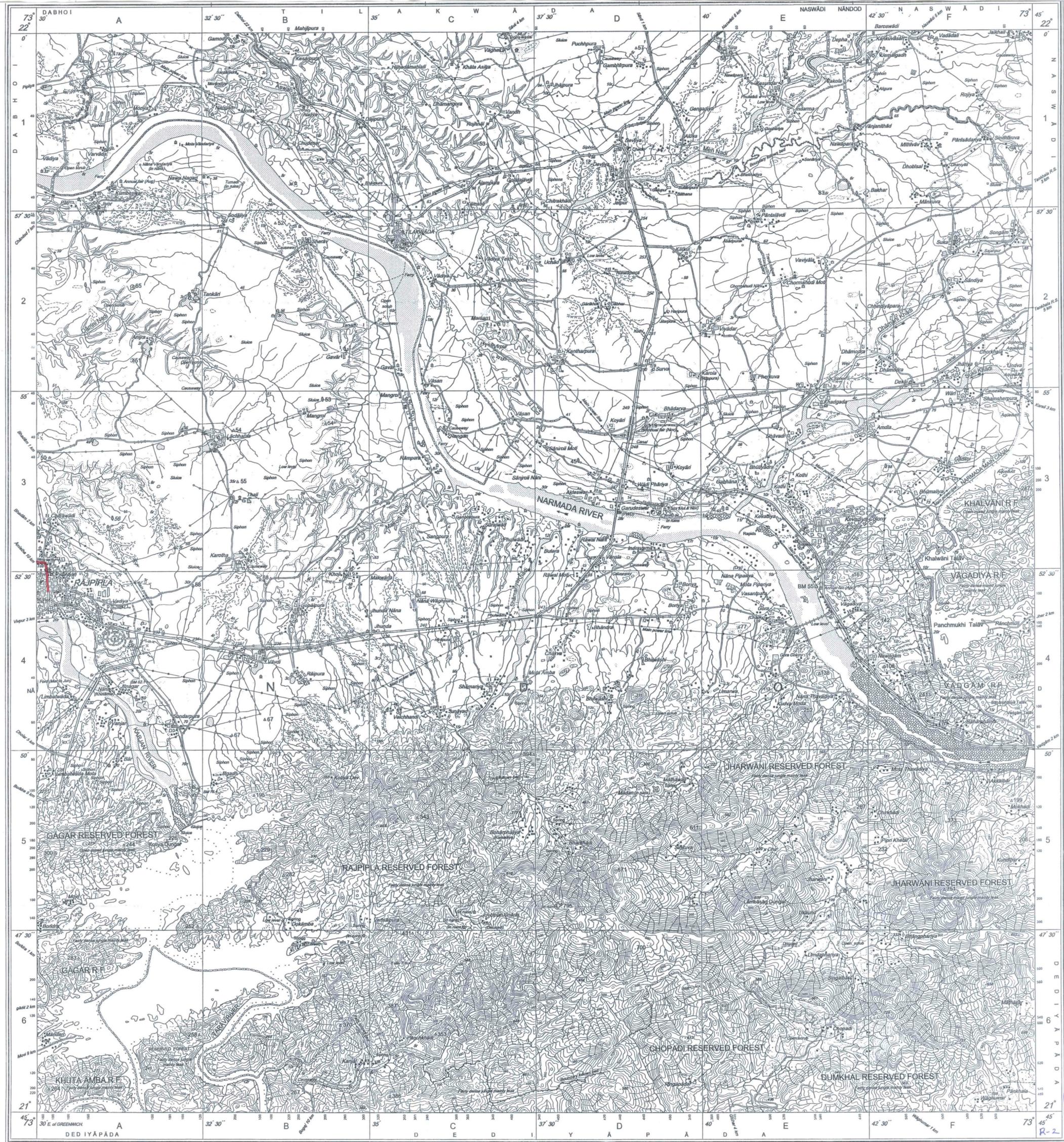
Magnetic Variation from True North about 1/4° West in 2005.  
(Decreasing by about 2' annually)



For further details about this map, please contact  
Director  
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