

No. G45S11

Scale 1:50,000

Aurangabad BIHAR G45S6 (72D/6)	G45S10 (72D/10)	Gaya BIHAR G45S14 (72D/14)
G45S7 (72D/7)	G45S11 (72D/11)	G45S15 (72D/15)
Palamu JHARKHAND G45S8 (72D/8)	G45S12 (72D/12)	Chatra JHARKHAND G45S16 (72D/16)

1 Palamu, JHARKHAND.

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CONVENTIONAL SYMBOLS

- Express highway: with toll; with bridge; with distance stone
- Roads, metalled: according to importance
- Roads, double cartageway: 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 construction
- Railways, other gauges: double; with distance stone; do.
- Mineral line or tramway: Kilm. 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 shells; Brass; Scrub
- Palis: permanent; 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 :-

- Heights are in metres and above Indian mean sea level.
- Contours are approximate.
- A relative height, Δ represents the approximate height, in metres, between the top and bottom of a steep slope.
- Cart-tracks and unmetalled roads are generally motorable in dry season. Permission to use those inside forest areas is required from the Forest authorities.
- The kilometre stone numbers along the railway are shown in slant type, e.g. '15' whereas milestone numbers are shown in upright type, e.g. '15'.
- Tanks, shown dry, in this area usually contain water from July to March.
- Numerous wells and field-bunds occur throughout the cultivated portions of this sheet; only the important ones have been shown.
- Perennial streams in this sheet are generally fordable throughout the year at the places indicated as such.
- Names of Protected Forests falling in this sheet have not been shown for want of reliable information.

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2006-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}^\circ$ West in 2005.
(Decreasing by about $1'$ annually).

Scale: 1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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