GERMANY 1:100,000
SHEET N2

OSNABRÜCK

FIRST EDITION - AMS 2

REFERENCE

Road classification is NOT based on reconnaissance. Reliability uncertain.

Motor Highway. (independent of road system) Reichsautobahn.
- 2 carriage ways each metalled and 7-5ms. wide
- Connecting points with road system where known
- Under construction
- Main Roads. Reichsstrassen with route numbers — Metalled and mostly 6ms. wide — 56
- Other Main Roads. (mostly Landstrassen I.Ordnung) metalled and 5-5 ms. average useful width
- Secondary Roads. Metalled and 4ms. average useful width
- Other Roads and Cart Tracks. Not always motorable and often unmetalled
- Paths
- Causeway
- Railway. Multiple track (normal gauge) with station
- " Single track " " broad gauge, light branch
- " Under construction
- " Narrow gauge, tram and track
- International Boundary
- Church, Chapel, Monument
- Cemetery, Christian, and non christian
- Wireless station, Tower, Lighthouse
- High Tension cable and Power station
- Watermill, Windmill, Windmotor
- Lock, Water gate, Dam
- Aqueducts, over and underground
- Spring, Water cistern
- Swamps, Mud flats
- Contours, Spot height. Trigonometrical point — +90 △
- Woods, Brushwood
- Vineyard, Orchard
- Embankment, Old earthworks, Barrow
- Sand and gravel, Cliff (sometimes Quarry)

Contour intervals 25 metres above 50 metres.
10 metres below 50 metres.

HEIGHTS IN METRES.

Scale 1:100,000 or 1 Inch to 1·58 Miles

Mile — Kilometre

INDEX TO ADJOINING SHEETS

GRONINGEN M1	OLDENBURG M2	BREMEN M3
ALMELO N1	OSNABRÜCK N2	MINDEN N3
BOCHOLT P1	MÜNSTER P2	DETMOLD P3

L 53 · L 52 · K 52

G.S.G.S. 4346 Germany 1:250,000 shown in green.

GERMAN GLOSSARY

	Abhang	Slope		Hügel	Hill
B.	Acker	Field	I.	Insel	Island
	Bach	Stream	Kl.	Klein	Small
	Bai	Bay	K.O.	Kalkofen	Lime Kiln
	Berg	Mountain		Kap	Cape
Bgw.			Lpl.		
Brgw.	Bergwerk	Mine	Ldgs.	Pl. Landungsplatz	Landing Place
	Bruch	Marsh, Swamp		Loch	Hollow
	Brücke	Bridge	Mtl.	Mittel	Middle
Br.	Brunnen	Well		Moor	Bog, Swamp
	Bühel	Hillock	Ndr.	Niader	Lower
Df.	Dorf	Village	Ob., Obr.	Ober	Upper
	Ebene	Plain		Platte	Wood Clearing
Fabr.			Qu.	Quelle	Spring
	Fbr Fabrik	Factory		Reutfeld	Cleared Land
F.	Fähre	Ferry		Riff	Rocks, Reef
(K.F.)	(Kahn Fähre)	(Passenger Ferry)		Rohre	Reeds
(W.F.)	(Wagen Fähre)	(Vehicles ")		Rücken	Ridge
	Feld	Field		Schloss	Castle
	Fels (en)	Rock(s)		Schlucht	Gorge
	Fluss	River		See	Sea, Lake
	Forst	Forest		Spitze	Peak, Point
	Gau	Nazi District		Stadt	Town, City
				Stein	Stone
	Gebirge	Range	Stbr.	Steinbruch	Quarry (Stone)
	Gefilde	Open fields		Sumpf	Swamp, Marsh
G. Gr.	Graben	Ditch		Tal., Thal	Valley
	Grenze	Boundary	T.	Teich	Pond
				Ufer	Shore
	Hafen	Harbour	Unt. Utr.	Unter	Under
	Hain	Grove	Vw.	Vorwerk	Farmbuilding
	Halde	Slope, Hillock		Wald	Woods
	Heide	Heath, Prairie	Wbh.	Wasser-behälter	Reservoir
Hint.	Hinter	Back, Rear		Wiese	Meadow
	Hof	Farm, Courtyard	Whs.	Wirtshaus	Inn
	Hohe	Hill, Height	Zgl.	Ziegelei	Brickyard, Tile Kiln

Names of topographical feature, e.g. Wald, are given on this sheet in their German form and no attempt to translate them has been made.

TRANSVERSE MERCATOR PROJECTION

TEN THOUSAND METER UNIVERSAL TRANSVERSE MERCATOR GRID, INTERNATIONAL SPHEROID, ZONE 32
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

BLUE NUMBERED GRID LINES INDICATE THE 1,000 METER NORD DE GUERRE ZONE GRID
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

1948 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 1°18' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 1°38' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°06' EASTERLY.

THE GRID SHOWN BY BLUE LINES AND VALUES IS THE NORD DE GUERRE, BASED ON THE BESSEL SPHEROID AND GERMAN DATUM, THE ORIGIN OF WHICH IS THE GEODETIC POSITION:
POTSDAM, HELMERTTURM
LATITUDE: 52°22'51.0148" NORTH
LONGITUDE: 13°04'01.1525" EAST OF GREENWICH

THE GRATICULE VALUES AND UNIVERSAL TRANSVERSE MERCATOR GRID LINES AND VALUES SHOWN IN BLACK ARE BASED ON THE INTERNATIONAL SPHEROID AND CENTRAL EUROPEAN DATUM.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEROON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

COMPILATION DIAGRAM

	10	11	12	13	14	15
32	1934	1936	1934	1934	1934	1934
33	1936	1934	1934	1936	1925	1938
34	1936	1936	1934	1936	1936	1934
35	1936	1936	1936	1937	1936	1936
36	1936	1936	1936	1934	1944	1937
37	1936	1939	1936	1934	1954	1938

Authorities

German 1:100,000 Sheet 59 1933.
1:25,000 Sheets 3310-15, 3310-16, 3410-15, 3510-15, 3510-16, 3710-16.

Area shown shaded revised from air photographs.

For dates and sheet numbers of 1:25,000 Sheets see Compilation diagram.

Railway Classification from German 1:750,000 Railway Map 1935

Road Classification from G.S.G.S. 4346 B.Z. Auto-Karte 1:250,000

A.M.S. M641 (G.S.G.S. 4416)
USGS Edition 1944-AMS 1, 1944; AMS 2, 1948.
Transverse Mercator Grid added by AMS, 1948.

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Revised and drawn at O.S. 1944.

ARMY MAP SERVICE, CORPS OF ENGINEERS, DEPARTMENT OF THE ARMY, 13GEIO
11-48 1948

N5215-E720/30x100

G
6030
S100
U5
SHEET
N2
PCL MAP

PCL MAP