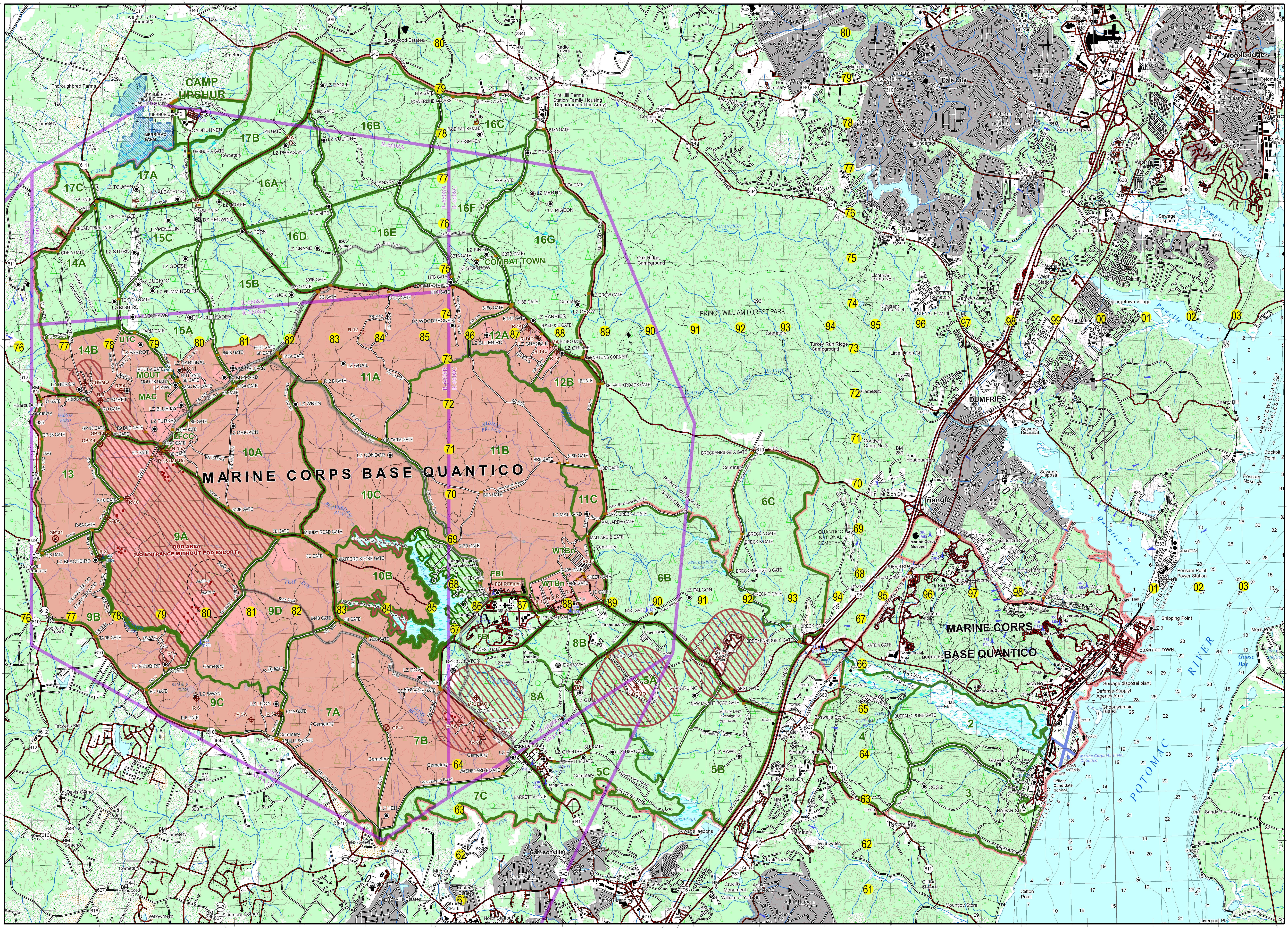
VIRGINIA 1:50,000 **WGS 84 / NAD 83**

QUANTICO MILITARY INSTALLATION MAP

LIMITED DISTRIBUTION

EDITION 3-NGA SERIES V734S SHEET QUANTICO MIM



GUIDE TO FEATURES

NAMED LANDING ZONES

Name	Grid Reference	Location
ALBATROSS	796767	17A
BIGBIRD	781745	14A
BLACKBIRD	775687	9B
BLUEBIRD	864735	12A
BLUEJAY	796720	14B
BUZZARD	806727	15A
CANARY	845769	16B
CARDINAL	796729	15A
CHICKADEE	798741	15A
CHICKEN	807716	10A
CONDOR	842709	10C
CRANE	827755	16D
CROW	884741	16G
CUCKOO	787749	15A
DOVE	846659	7B
DRAKE	805766	15C
DUCK	821745	15B
EAGLE	829791	16B
EGRET	783725	14B
FALCON	907676	6B
FINCH	864753	16F
GOOSE	797754	15A
GOSHAWK	785740	15A
GRACKLE	875734	12A
GROUSE	883641	5C
GULL	883655	5A
HARRIER	874738	16G
HAWK	916640	5B
HEN	838629	7B
HERON	773726	14B
HUMMINGBIRD	790748	15A
KIWI	795726	14B
LOON	815654	9C
MALLARD	885695	11C
MARTIN	874766	16G
ORIOLE	880730	12B
OSPREY	863779	16C
OWL	866663	8A
PARROT	788734	14B
PEACOCK	874775	16G
PELICAN	808729	15B
PEREGRINE	856747	16E
PENGUIN	793762	15C
PHEASANT	821778	16A
PIGEON	878764	16G
QUAIL	832729	11A
REDBIRD	791664	9B
ROADRUNNER	798783	UPSHUR
SNIPE	830764	16D
SPARROW	862751	16F
STARLING	908653	5A
STORK	786759	15C
SWAN	797656	9C
TERN	810759	15B
THRUSH	889642	5C
TOUCAN	786767	17A
TURKEY	791717	14B
VULTURE	829779	16B
WOODPECKER	856737	11A
WREN	821720	10C

NUMBERED LANDING ZONES

FBI-1	865678	FBI
FBI-2	864675	FBI
FBI-3	866668	FBI
LZ-3	009666	MCSC
LZ-4	002657	C&S
LZ-6	874641	TBS
LZ-7	867641	TBS
LZ-8	875638	TBS
LZ-9	882674	WTBN
OCS-1	982632	OCS
OCS-2	957633	OCS
VIP-1	989645	MCAF
VIP-2	985652	MCB

DROP ZONES

COCKATOO	854661	8A
RAVEN	877661	8B
REDWING	800762	15C

GUN POSITION

GP-4	840649	7B
GP-13	779715	9A
GP-31	767692	13
GP-44	777713	9A

RANGES

R-3A	856648	7B
R-3B	860646	7B
R-5	815654	9C
R-5A	809651	9C
R-6	797656	9C
R-7	792664	9B
R-8	777688	9B
R-8A	779697	9A
R-9	778722	14B
R-9A (AATR)	783725	14B
R-10	783701	9A
R-11	797728	15A
R-12	836736	11A
R-14	879731	12B
R-14C	877732	12A
R-14D	875734	12A
R-14F	873736	12A
R-15	791711	9A
R-15A	792711	10A

MESS AREAS

MA-8	787766	17A
MA-9	800766	15A
MA-10	821779	16A
MA-14	879733	16G
MA-BARRETT	882657	5A

MORTAR POSITION

MP-15	791711	9A

Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2009

LEGEND

POPULATED PLACES: Densely built-up areas; Sparsely to moderately built-up areas

ROADS: All weather, hard surface: Divided highway; Two or more lanes wide; One lane wide; Light Duty. All weather, loose surface: Two or more lanes wide; One lane wide. Fair or dry weather, loose surface. Track; Trail. Route markers: Interstate; National; Secondary

RAILROADS: Normal gauge 1.44m (4' 8"); Narrow gauge; Electrified; Station: Accurate; Approximate (Single Track / Multiple Track)

BOUNDARIES: International; State, territory; National, state, military

MISCELLANEOUS CULTURAL FEATURES: Building; Ruin; School. Church; Mosque. Cemetery; Christian; Islamic. Hospital; Heliport. Cistern; Tank; Located object. Well; Landmark area. Airfield/Runway; Dam. Mine: Active; Abandoned. Culvert; Fence. Bridge; Pedestrian bridge

OBSTRUCTIONS (46m or higher) (Single / Group): Elevation of obstruction top above sea level; Elevation of obstruction top above ground level. High tension powerlines; Catenary powerlines

DRAINAGE (Perennial / Intermittent): Stream: Less than 25m wide; 25m wide or more. Ditch: Less than 25m wide. Spring. Well. Lake: Perennial; Dry. Swamp; Land subject to natural inundation. Stream: Disappearing; Dissipating. Spot elevation: Highest; Normal. Depression

MISCELLANEOUS RELIEF: Levee; Escarpment; Cut line; Fill; Approximate contour; Sand; Gravel; Distorted surface

VEGETATION: Woodland; Coniferous; Deciduous; Mixed; Scrub; Orchard; Scattered trees. Area name ... GARRISONVILLE

MILITARY LEGEND

MILITARY OVERPRINT INFORMATION AS OF 06-09

- Training area
- Restricted airspace
- Restricted area
- Water shed area
- Dud/Controlled access area
- Impact area
- Training area ... 10A
- Training area subdivision ... 644A
- Mess area ... MA 7
- Tank trail
- Tank hulk
- Range/Gun position
- Landing zone
- Parachute drop zone
- Marine Corps Base road ... MCB 3
- Street road ... 618
- Observation point
- Communication radio point
- Access gates
- Target point

INSTALLATION INFORMATION PROVIDED BY THE BASE GIS OFFICE

Scale 1:50,000 — Kilometers; Nautical Miles; Statute Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

ELLIPSOID .... GEODETIC REFERENCE SYSTEM 1980 / WORLD GEODETIC SYSTEM 1984
GRID .... 1,000 METER UTM ZONE 18
PROJECTION .... TRANSVERSE MERCATOR
VERTICAL DATUM .... NORTH AMERICAN VERTICAL DATUM 1988
HORIZONTAL DATUM .... WORLD GEODETIC SYSTEM 1984/NORTH AMERICAN DATUM 1983
PRINTED BY .... NGA 8-2009

COORDINATE CONVERSION WGS84 / NAD 83 TO NAD 27
Grid: Subtract 32mE., Subtract 213mN.
Geographic: Add 1.1" Long., Subtract 0.2" Lat.

SAMPLE 1,000 METER GRID SQUARE

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point: 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point: 45 6

Example: 123456

100,000 M. SQUARE IDENTIFICATION: TH | UH, 300

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: TH123456

GRID ZONE DESIGNATION: 18S

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 18STH123456

USER'S SHOULD REFER CORRECTIONS, ADDITIONS AND COMMENTS TO THE NGA ENTERPRISE SERVICE DESK: 1-800-455-0899; COMMERCIAL 301-227-9811; DSN 287-9811;UNCLASSIFIED EMAIL : ENTERPRISESERVICECENTER@NGA.MIL; SIPRNET: ESC@NSCN.NGA.SMIL.MIL; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ESC, MAIL STOP D-240, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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2005 G-M ANGLE 9°(160 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD G-M ANGLE

GRID CONVERGENCE 1°30' (26 1/2 MILS) FOR CENTER OF SHEET

CONVERSION GRAPH (1 meter = 3.28 feet)

SLOPE GUIDE

AB - HORIZONTAL DISTANCE BETWEEN CONTOURS
AC - HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

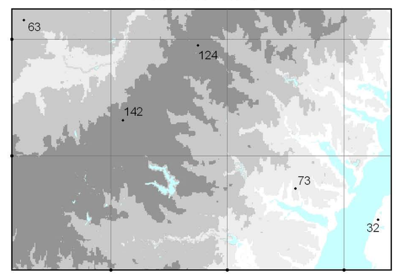
ADJOINING SHEETS

	V734	
5461 I	5561 IV	5561 I
5461 II	5561 III	5561 II
	QUANTICO V734S	
5460 I	5560 IV	5560 I

Sheet QUANTICO falls within NJ 18-4, 1501A, 1:250,000.

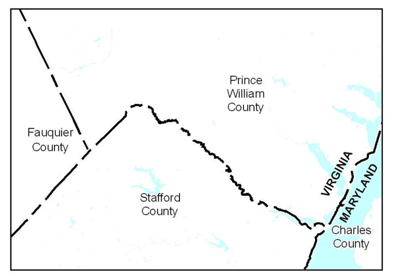
For index purposes only - not necessarily an indication of published maps.

ELEVATION GUIDE



Highest High Medium Low

BOUNDARIES



To enter training areas contact range control for authorization.
All persons subject to search by Military Police.
Removing ordnance is prohibited.
Installation information provided by Base GIS Office.

HYDROGRAPHIC DATUM .... MEAN LOWER LOW WATER

Depth curve (meters); Foreshore flats
Danger area; Reef
Wreck: Exposed; Sunken with mast exposed
Wharf; Pier
Seawall
Light

NOT FOR NAVIGATIONAL PURPOSES

NOTES

THE BOUNDARY FOR QUANTICO SHOULD NOT BE CONSIDERED AUTHORITATIVE.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

TO ENTER TRAINING AREAS CONTACT RANGE CONTROL FOR AUTHORIZATION.

ALL PERSONNEL SUBJECT TO SEARCH BY MILITARY POLICE.

REMOVING ORDNANCE IS PROHIBITED.

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WGS 84 / NAD 83

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