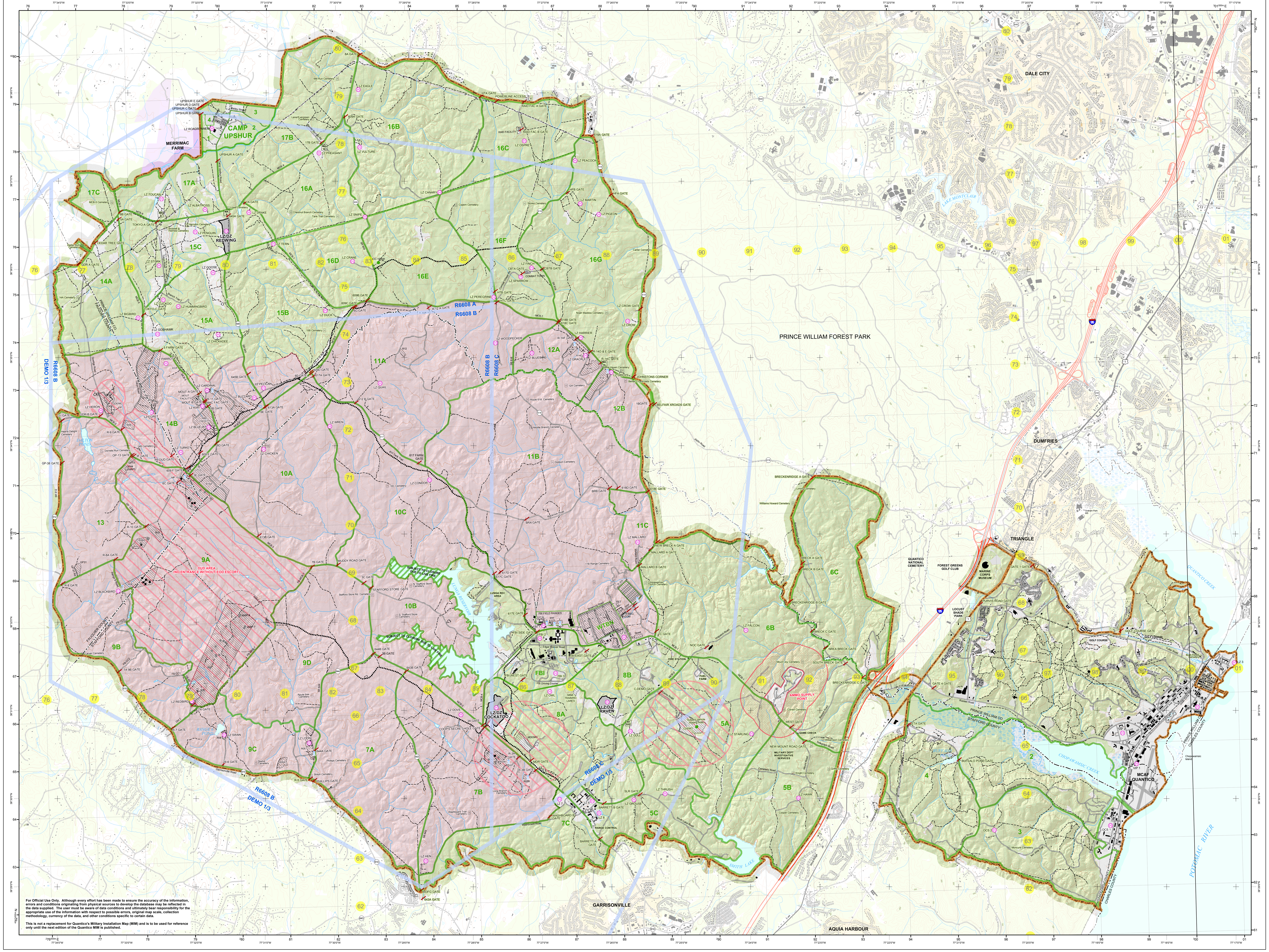
VIRGINIA 1:25,000 **WGS 1984**

QUANTICO SPECIAL
UNITED STATES MARINE CORPS

SHEET **QUANTICO** EDITION **004** CURRENTNESS **MAY 2010**



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This is not a replacement for Quantico's Military Installation Map (MIM) and is to be used for reference only until the next edition of the Quantico MIM is published.

MCB Quantico Range Management Branch GIS

The Marine Corps Base Quantico special was produced by Joel Staub and Sgt Christopher Beck at Range Management Branch, GIS Section, MCB Quantico, VA. (703) 432-6607

Not all data layers represented maintain the same accuracy level, therefore the map scale applied does not necessarily equate to the implied horizontal and vertical positional accuracy.

TRANSPORTATION
- Interstate Highway
- US Highway
- State/Local Road
- Trail
- Tank Trail
- Railroad

HYPSOGRAPHY
- Major Contour
- Minor Contour

MISCELLANEOUS
- Cemetery
- Fire Break
- Electrical Cable Line
- Building
- Urban Area
- Vegetation

HYDROGRAPHY
- Wetland
- Permanent Water Body
- Reservoir
- Stream

BOUNDARIES
- County Boundary
- Installation Boundary

MILITARY FEATURES
- Access Point
- Landing Zone
- Observation Tower
- Communication Tower
- Training Site
- EODT Target
- Tank Target
- Assembly/ Staging Areas
- Ammo Supply Point
- Lunga Restricted Access Area
- Drop Zone Area
- Range Area
- Dudded Impact Area
- Non-Dudded Impact Area
- Special Use Airspace
- Training Area
- Training Sub-Area

SCALE 1:25,000

1,000 500 0 1,000 Meters
1 0.5 0 1 Kilometers
1 0.5 0 1 Miles

ELEVATIONS IN FEET
20 FOOT CONTOUR INTERVAL

SPHEROID	WORLD GEODETIC SYSTEM 1984
GRATICULE	HALF MINUTE LATITUDE-LONGITUDE TICS
GRID	1000-METER UTM ZONE 18 (BLACK NUMBERED LINES)
PROJECTION	UNIVERSAL TRANSVERSE MERCATOR
VERTICAL DATUM	NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM	WORLD GEODETIC SYSTEM 1984
CONTROL BY	USGS, NATIONAL GEODETIC SURVEY POINTS
PREPARED BY	QUANTICO RANGE MANAGEMENT GIS SECTION

SAMPLE 1,000 METER GRID SQUARE

100,000 M. SQUARE IDENTIFICATION

GRID ZONE DESIGNATION 18S

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

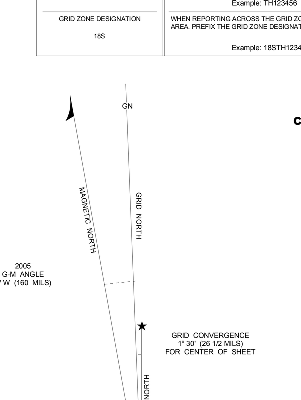
Example: 123456

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

Example: TH123456

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

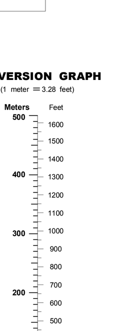
Example: 18STH123456



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

CONVERSION GRAPH
(1 meter = 3.28 feet)



RANGES AND SUB-TRAINING AREAS

LIVE FIRE RANGES

Range	Name	Grid
Range 3A	Multipurpose Range	8539565023
Range 3B	Hand Grenade Range	8601364612
Range 5	Auto Sqd Battle Cars	8150465358
Range 5A	Multipurpose Range	8091765048
Range 6	KD Pistol Range	7971265632
Range 7	MG Transition Range	7939166869
Range 8	MG Field Fire Range	7800068943
Range 8A	Anti-tank Weapons	7790869710
Range 9	Grenade Launcher Rng	7790872240
Range 10	Squad Defense Range	7828770052
Range 11	Auto Plt Battle Cars	7993772679
Range 12	Field Fire Range	8365973575
Range 14	Auto Sqd Battle Cars	8788372953
Range 14C	Multipurpose Range	8763173142
Range 14D	Basic Zero Range	8750073407
Range 14F	Fire & Movement Rng	8724273567
Range 15	Multipurpose Range	7919270870
Range 15A	Auto Multipurpose Rng	7930171036

SPECIAL RANGES

Range	Use	Grid
Charlie Demolition Range	Demolition Training	8948465605
Goettge Demolition Range	Assault Breacher Course	7742372711
Murphy Demolition Range	Engineer Demolitions	8601365348
MOUT Facility	MOUT Training	7934972703
MOUT Assault Course	Live Fire Assault Course	7938572380
Combat Town	MOUT Training	8631775212
RAID/NEO Training	Raid Training	8620078180
Urban Training Center (UTC)	MOUT Training	7828073772
Mine Training Lane Range	Mine Training	8711166394

WEAPONS TRAINING BATALLION

Range	Use	Grid
Range 1	Known Distance Range	8735867858
Range 2	Known Distance Range	8755767792
Range 3	Known Distance Range	8773967860
Range 4	Known Distance Range	8799867775
Shotgun Range	International Trap/Skeet	8833167481
Skeet Range	International Trap/Skeet	8845367507
Rifle Test Shed	Weapons T&E	8727567837
Indoor Pistol Range	Competition-In-Arms Training	8809967997
Competition Pistol Range	Known Distance Range	8809967997
International Pistol Range	Known Distance Range	8808068077
Requalification Pistol Range	Known Distance Range	8815268035
HRP 1 (High Risk Personnel Range)	HRP Training	8821368077
HRP 2 (High Risk Personnel Range)	HRP Training	8824468104
HRP 3 (High Risk Personnel Range)	HRP Training	8828168126
HRP 4 (High Risk Personnel Range)	HRP Training	8831468149
Range 305 (Moving Target Range)	Timed Fire Range	8829268437
Indoor Simulated Marksmanship Trainer	Live Fire Trainer	8780067400

NAMED LANDING ZONES (LZs)

LZ	Grid	LZ	Grid
LZ ALBATROSS	7956076686	LZ KIWI	7945872563
LZ BIGBIRD	7814674441	LZ LOON	8150765377
LZ BLACKBIRD	7757268734	LZ MALLARD	8849969470
LZ BLUEBIRD	8638173471	LZ MARTIN	8744176601
LZ BLUEJAY	7955972067	LZ ORIOLE	8800873051
LZ BUZZARD	8048672735	LZ OSPREY*	8635077938
LZ CANARY	8453776897	LZ OWL*	8657166355
LZ CARDINAL	7954672874	LZ PARROT*	7871273462
LZ CHICKADEE	7980974037	LZ PEACOCK	8738577517
LZ CHICKEN	8070971631	LZ PELICAN	8077272883
DZ COCKATOO	8542566021	LZ PENGUIN	7935976192
LZ CONDOR	8418470874	LZ PEREGRINE	8562474699
LZ CRANE	8266875520	LZ PHEASANT	8210877827
LZ CROW	8840474110	LZ PIGEON	8787376369
LZ CUCKOO	7865774823	LZ QUAIL	8318772954
LZ DOVE	8474565956	DZ RAVEN	8775766097
LZ DRAKE	8056876606	LZ REDBIRD	7905866375
LZ DUCK	8207974487	DZ REDWING	7999876119
LZ EAGLE	8287979117	LZ ROADRUNNER	7979678371
LZ EGRET	7828072646	LZ SNIPE	8296076447
LZ FALCON	9070767564	LZ SPARROW*	8619175096
LZ FINCH	8643475285	LZ STARLING	9079465380
LZ GOOSE	7972675357	LZ STORK	7864375673
LZ GOSHAWK	7851274026	LZ SWAN	7971565631
LZ GRACKLE	8750873405	LZ TERN	8101975932
LZ GROUSE*	8826664070	LZ THRUSH	8891964187
LZ GULL*	8821765497	LZ TOUCAN	7866976877
LZ HARRIER	8742873788	LZ TURKEY	7907571759
LZ HAWK	9168364028	LZ VULTURE	8286477912
LZ HEN	8390462836	LZ WOODPECKER	8562073721
LZ HERON*	7729172531	LZ WREN	8210672068
LZ HUMMINGBIRD	7899574685		

*No longer an active LZ as it is either overgrown or simply no longer usable (as of imagery dated March 2008).
**Note - This list does not include EMS LZs.

NUMBERED LZs

LZ	Grid
FBI 1	8646367778
FBI 2	8638967512
FBI 3	8671666765
LZ 3	0088166614
LZ 4	0017165720
LZ 6	8736964044
LZ 7	8673164151
LZ 8	8752363779
LZ 9	8813967490
OCS 1	9825263254
OCS 2	9584363224
VIP 1	9879564454
VIP 2	9855665191

DROP ZONES

Zone	Grid
COCKATOO	8542566021
RAVEN	8775766097
REDWING	7999876119

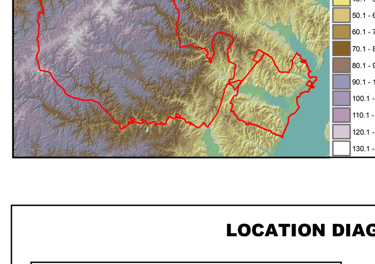
GUN POSITIONS

Position	Grid
GP-4	8392964873
GP-13	7793671506
GP-31	7673469256
GP-44	7770871282

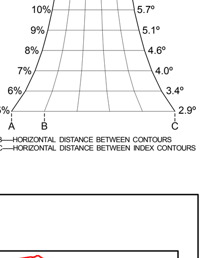
MORTAR POSITION

Position	Grid
MP-15	7895971061

ELEVATION GUIDE

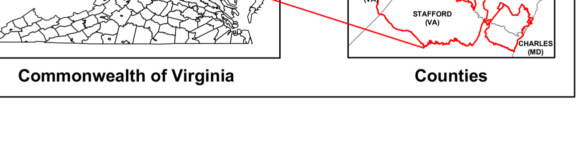


SLOPE GUIDE



AB—HORIZONTAL DISTANCE BETWEEN CONTOURS
AC—HORIZONTAL DISTANCE BETWEEN INDEX CONTOURS

LOCATION DIAGRAM



Commonwealth of Virginia — Counties