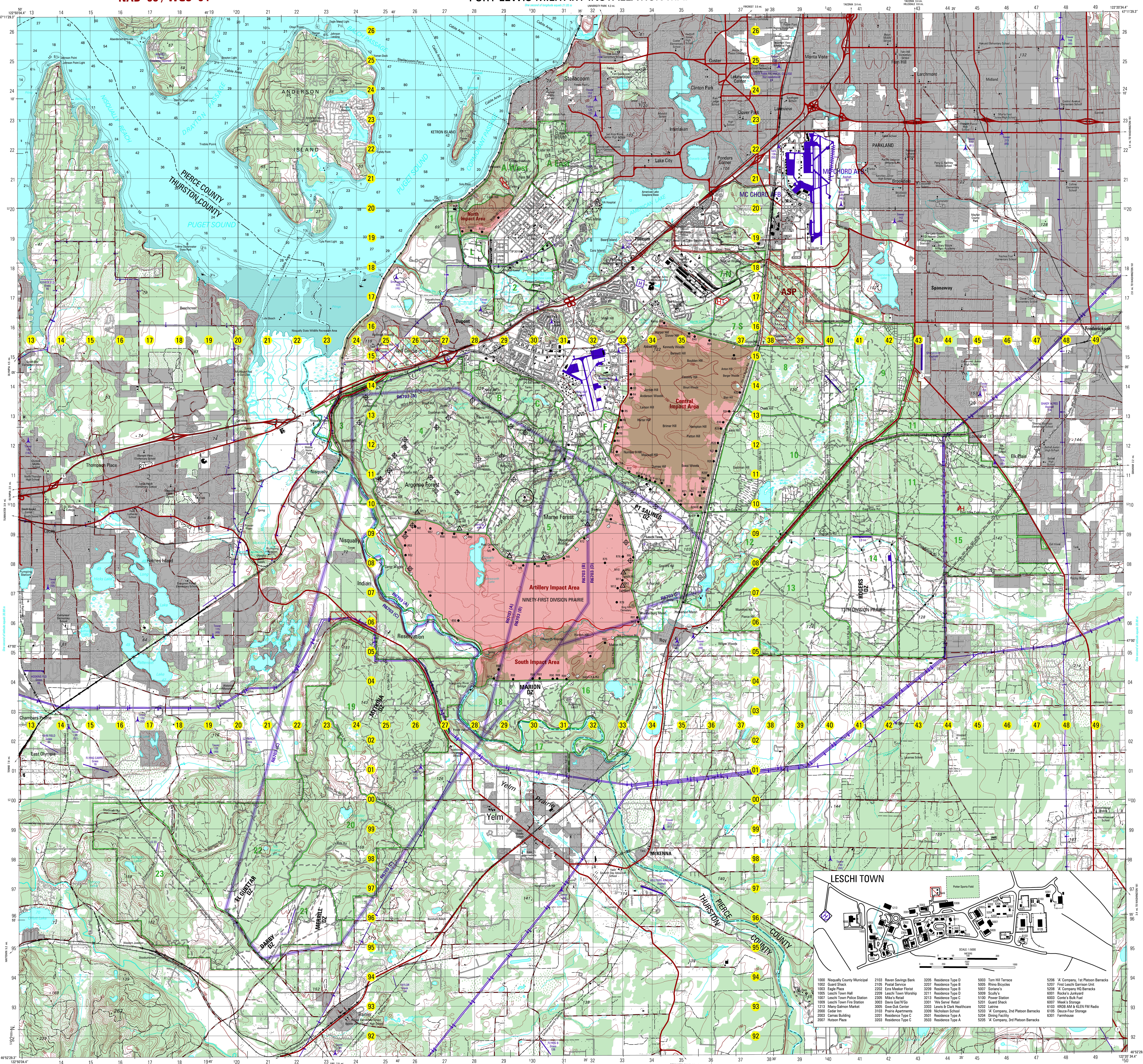
WASHINGTON 1:50,000 **NAD 83 / WGS 84**

FORT LEWIS MILITARY INSTALLATION MAP

EDITION 5 - NGA SERIES V791S SHEET FORT LEWIS MIM



Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2006

SCALE 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS
DEPTHS IN METERS
CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

Fort Lewis Live Training Facilities

For complete/updated listing, use guidance, and range conflicts see FLW Range Regulations.

Central Impact Area, R1 - R45

Note: Do not enter R10 and R36 or go beyond the zero targets on zero ranges and the firing line on other ranges without specific real-time permission from Range Operations. Downrange movement on R14, R16, R19, and R20 is affected by other ranges and must be approved real-time or through LFX contract by Range Operations.

R1 Rifle qual
R2A Rifle Zero
R2B & R2C Rifle Zero/CQM
R3 MPQC
R4 Rifle field/adv fire
R4P Pistol qual
R5 Rifle qual
R6A Rifle zero
R6B Rifle zero/CQM
R7 SOF Skills
R8 300 yd KD
R9 Rifle field/SDM fire
R10 LFX
R12 Rifle qual
R13 Rifle zero
R14 Multipurpose small arms
R15 MWR
R16 Multipurpose small arms
R17A & R17B Rifle zero/CQM
R18 Pistol qual
R19 & R20 Sniper field fire
R21 600 m KD
R22 1000 m KD
R23 Trench LFX
R24 North hand grenade fam HE
R25A, R25B, R25C CQM/rifle zero
R25M & R25S SOF skills
R26 Urban LFX
R27 Shoothouse
R28 Live fire village
R29A & R29B CQM/rifle zero
R30 Rifle field/adv fire
R31 Urban LFX, live fire village
R32A & R32B CQM/rifle zero
R32C Shoothouse
R36 LFX
R39 & R40 LFX/convoy
R41 IMT LFX
R43 - 45 SOF skills
C5 Aircraft load-out (C130, C141, C17)

TA 2

BT2 Bayonet
CO2/CC2 Obstacle/Conf
Rappel tower

TA 3

Field Artillery LFX

TA 4

OP10 & OP11
Field Artillery LFX

TA 5

NBC 1
OP7, OP8, OP9
R62 Urban breach
Field Artillery LFX

TA 6

Note: Do not enter Leschi Town without specific real-time permission from Range Operations.

Leschi Town Control/AAR
OP2 & OP3
R24 South hand grenade TP qual
Field Artillery LFX

Artillery Impact Area, R50 - R81, M1 - M13

Note: Do not enter R50, R51, R58, R60, R74, R75, R76 or go beyond zero targets on zero ranges and the firing line on other ranges without specific real-time permission from Range Operations.

Mortar 1 - Mortar 13
R50 LFX
R51 LFX incl .50 CAL
R52 MG field/zero fire
R53 M2/M240/M249 qual
R57 Basic demo
R58 Adv demo
R59 AT
R60 LFX
R72 Multipurpose small arms
R74 Mech MG/LFX
R75 LFX incl .50 CAL
R76 LFX
R79 MK19 HE/TP
R81 M203 TP qual

North Impact Area, R101 - R115

R101 - R103 LFX
R105 - R107 Rifle/MG zero/CQM
R108 - R111 Pistol fam
R110 - R115 Rifle/MG zero/CQM

South Impact Area, R86 - R94, M14

Note: Do not enter R86, R87, or R94 or go beyond zero targets on zero ranges and the firing line on other ranges without specific real-time permission from Range Operations.

Mortar 14
R86 LFX
R87 LFX
R88 Multipurpose small arms
R89A & R89B CQM/rifle zero
R90A & R90B CQM/zero
R91 & R93 M240/M249 qual
R94 LFX

TA 8 & TA 9

Drivers course

TA 12

FOB trainer
Field Artillery LFX

TA 16

Regenburg MOUT

TA 23

Aviation skills

Restricted Flight Operations

Rainier MOA	2000' - 9000'	R6703 (C)	14000'
R6703 (A)	14000'	R6703 (D)	5000'
R6703 (B)	5000'		

Vehicle Movement

- Stay on established trails and roads
- Use a ground guide in doubtful terrain, even in daylight
- Cross streams at authorized ford sites only
- During off-road manuvers, spread out
- Stay clear of off limit areas marked with signs or Seibert stakes

Fire Levels & Protection

- Level 1 - Pyrotechnics, troop fires & smoking authorized
- Level 2 - Pyrotechnics, troop fires & smoking allowed on roads, gravel, or other cleared surfaces (no tracers)
- Level 3 - Pyrotechnics, troop fires & smoking prohibited. Smoking allowed on roads, gravel, or specially prepared areas free of flammable materials.
- If a range fire starts, contact Range Operations and start fire-fighting.
- DO NOT endanger soldiers.
- Do not fight fires in the Artillery Impact Area.

Use of Training Areas

- Use camouflage netting instead of live vegetation.
- Before digging, get dig permits from Public Works.
- Stay on established roads within 50 meters of all water bodies.
- Properly back-fill and smooth all excavation/holes.
- Police your training area before you leave. Remove tactical wire, commo wire, ammo residue, brass, pallets, and remove litter after use. Properly dispose of all trash.
- Off-road vehicle movement prohibited on Weir & Johnson Prairies (Merrill, Darby, & El Guettar DZs) in Training Areas 21 & 22.
- Report accidents & suspicious digging to Range Operations.
- Request Medevacs from Range Operations.

Contact Numbers

Range Operations (24 Hours) 967-6371
Radio Frequencies 40.20 & 41.10
Fire Department/HAZMAT 911

NOTES

THE BOUNDARY FOR FORT LEWIS 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 HOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH

NOTES:

1. For conservation restrictions, user guidance, and complete live training range / facility / land descriptions, consult the Fort Lewis Range Regulations.

2. Trajectory hazards for Field Artillery occur in Training Areas (TAs) 3, 4, 5, 6, 12, and 18 and Close-In Training Area D (CTA D). Artillery routinely fires over roads between these TAs and the Artillery Impact Area.

3. Roads inside impact areas are closed and off limits without specific real-time clearance for entry from Range Operations.

4. All live training range / facility / maneuver area entry requires check - in and check - out at Range Operations located in Building 4074.

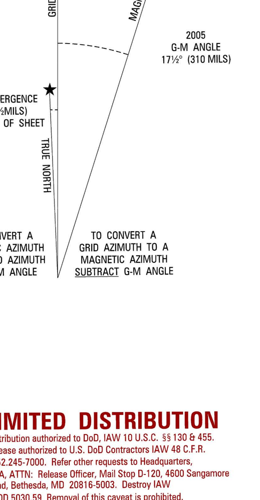
5. Nisqually River Bridge is locked. Access key available from Range Operations.

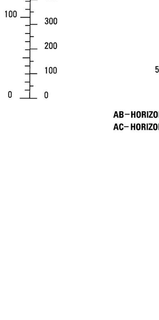
6. CTAs: A East, A West, B, C, D, E, F, L assignments are listed on the Daily Range Schedule and the Fort Lewis webpage.

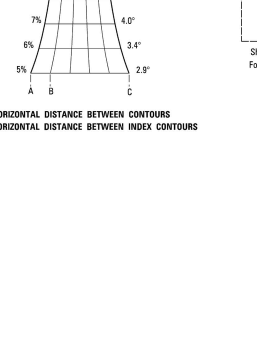
7. TAs 3, 4, 5, B, C, and D are routinely closed for live fire maneuver on Ranges 51 and 75. On those occasions, gates along Engineer Bluff will be locked and there is no access to those areas.

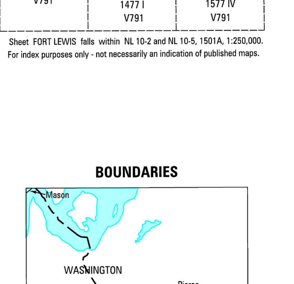
ELLIPSOID .... WORLD GEODETIC SYSTEM 1984 / GEODETIC REFERENCE SYSTEM 1980
GRID .... 1,000 METER UTM ZONE 10
PROJECTION .... TRANSVERSE MERCATOR
VERTICAL DATUM .... NORTH AMERICAN VERTICAL DATUM 1988
HORIZONTAL DATUM ..... WORLD GEODETIC SYSTEM 1984 / NORTH AMERICAN DATUM 1983
PRINTED BY .... NGA 2-08

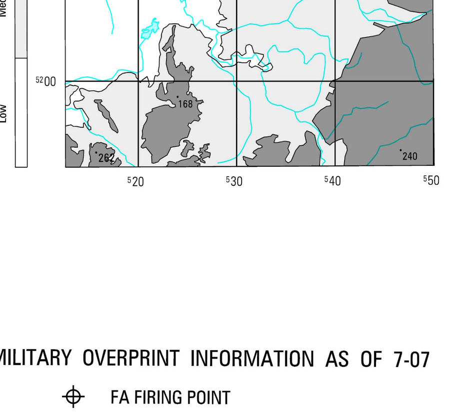
COORDINATE CONVERSION WGS 84 / NAD 83 TO NAD 27 (NAS-B)
Grid: Add 93m E., Subtract 195m N.
Geographic: Subtract 4.4" Long., Add 0.8" Lat.

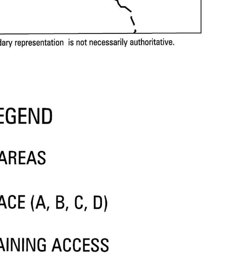












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HYDROGRAPHIC DATUM .... MEAN LOWER LOW WATER
Depth curves (meters); Foreshore flats; Rocks awash; Wreck: Exposed; Sunken with mast exposed; Wharf; Pier; Sea wall; Oil/Gas rig
Hydrographic data is for information purposes only. Chart not to be used for surface navigation.

SAMPLE 1,000 METER GRID SQUARE — 100,000 M SQUARE IDENTIFICATION ET ES — GRID ZONE IDENTIFICATION 10T

100 METER REFERENCE
Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point: 12 3
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. WGS 84 Example: ET123456
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION. WGS 84 Example: 10TET123456

The World Geodetic System 1984 Datum (WGS 84) and the North American Datum (NAD 83) are equivalent for Mapping, Charting and Navigation at this scale.

LEGEND

ROADS: Divided highway (4 LANES); Primary, all weather, hard surface; Secondary, all weather, hard surface; Light duty all weather; Fair or dry weather, unimproved surface; Track; Trail; Street; Route Markers: National; State
RAILROADS: Normal gauge 1.44m (4'8½"); Single track; Double track; Abandoned track; Station: Location accurate; Station: Location approx.
BRIDGES: Road; Railroad; Footbridge; Tunnel: Road; Railroad
BOUNDARIES: International; State, territory; County, parish; Built up areas; McChord Air Force Base; Reservation: Military (MILITARY RES)
DRAINAGE: Stream: Less than 25m wide; 25m wide or more (Perennial, Intermittent); Lake: Perennial; Intermittent; Dry; Spring: Perennial; Intermittent; Well: Perennial; Intermittent; Canal; Ditch (Perennial, Intermittent); Swamp; Land subject to inundation
MISCELLANEOUS CULTURAL FEATURES: Dams; Cemetery; Tank; Oil; Mine: Operational; Abandoned; Wall; Fence; Monument; Tower; Substation; Pipeline: Above ground; Below ground (Oil pipeline, Underground pipeline); Airport: Facility; Airfield/Runway; Landing pad: Heliport; Hospital
OBSTRUCTIONS (46m or higher): Single, Group; Elevation of obstruction top above sea level 430; Elevation of obstruction top above ground level (70); High tension powerline; Telephone line
VEGETATION: Woodland; Scattered Trees; Scrub; Orchard
RELIEF: Cliff/Escarpment; Depression; Mound; Spot elevations: Highest; Normal 262, 171; Water surface elevation 178; Levee

MILITARY LEGEND

IMPACT / LIVE FIRE AREAS
RESTRICTED AIR SPACE (A, B, C, D)
OFF LIMITS - NO TRAINING ACCESS
TRAINING AREA
A East CLOSE-IN TRAINING AREAS: A East, A West, B, C, D, E, F, L
RANGE FACILITY (See Table For Guidance) R1 M1 OP1

MILITARY OVERPRINT INFORMATION AS OF 7-07

FA FIRING POINT
TANK CROSSING POINT
Rappel Tower TRAINING FACILITY
LANDFILL
FORD
ROAD CLOSURE POINT — No Access Without Real-Time Clearance from Range Operations
HAZARDOUS AREA

NAD 83 / WGS 84

USERS 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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