

PROJECT		GEOGRAPHIC COORDINATES FROM LAMBERT GRID COORDINATES. (CALCLATING MACHINE COMPUTATION) For use of this form see, FM 3-34.331; the proponent agency is TRADOC.	
LOCATION			
ORGANIZATION		ZONE	1
STATION			
C	-	R_b	
X		Y	-
$\chi' = X - C$		$R_b - Y$	
$\tan \theta = \chi' \div (R_b - Y)$		θ	"
θ	° ' "	$\Delta \lambda = \theta \div 1$	"
$\cos \theta$		$\Delta \lambda$	° ' "
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "
ϕ	° ' "	$\lambda = C. M. - \Delta \lambda$	° ' "
STATION			
C	-	R_b	
X		Y	-
$\chi' = X - C$		$R_b - Y$	
$\tan \theta = \chi' \div (R_b - Y)$		θ	"
θ	° ' "	$\Delta \lambda = \theta \div 1$	"
$\cos \theta$		$\Delta \lambda$	° ' "
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "
ϕ	° ' "	$\lambda = C. M. - \Delta \lambda$	° ' "
STATION			
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X		Y	-
$\chi' = X - C$		$R_b - Y$	
$\tan \theta = \chi' \div (R_b - Y)$		θ	"
θ	° ' "	$\Delta \lambda = \theta \div 1$	"
$\cos \theta$		$\Delta \lambda$	° ' "
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "
ϕ	° ' "	$\lambda = C. M. - \Delta \lambda$	° ' "
STATION			
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X		Y	-
$\chi' = X - C$		$R_b - Y$	
$\tan \theta = \chi' \div (R_b - Y)$		θ	"
θ	° ' "	$\Delta \lambda = \theta \div 1$	"
$\cos \theta$		$\Delta \lambda$	° ' "
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "
ϕ	° ' "	$\lambda = C. M. - \Delta \lambda$	° ' "
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X		Y	-
$\chi' = X - C$		$R_b - Y$	
$\tan \theta = \chi' \div (R_b - Y)$		θ	"
θ	° ' "	$\Delta \lambda = \theta \div 1$	"
$\cos \theta$		$\Delta \lambda$	° ' "
$R = (R_b - Y) \div \cos \theta$		Central Meridian	° ' "
ϕ	° ' "	$\lambda = C. M. - \Delta \lambda$	° ' "
COMPUTED BY	DATE (YYYYMMDD)	CHECKED BY	DATE (YYYYMMDD)