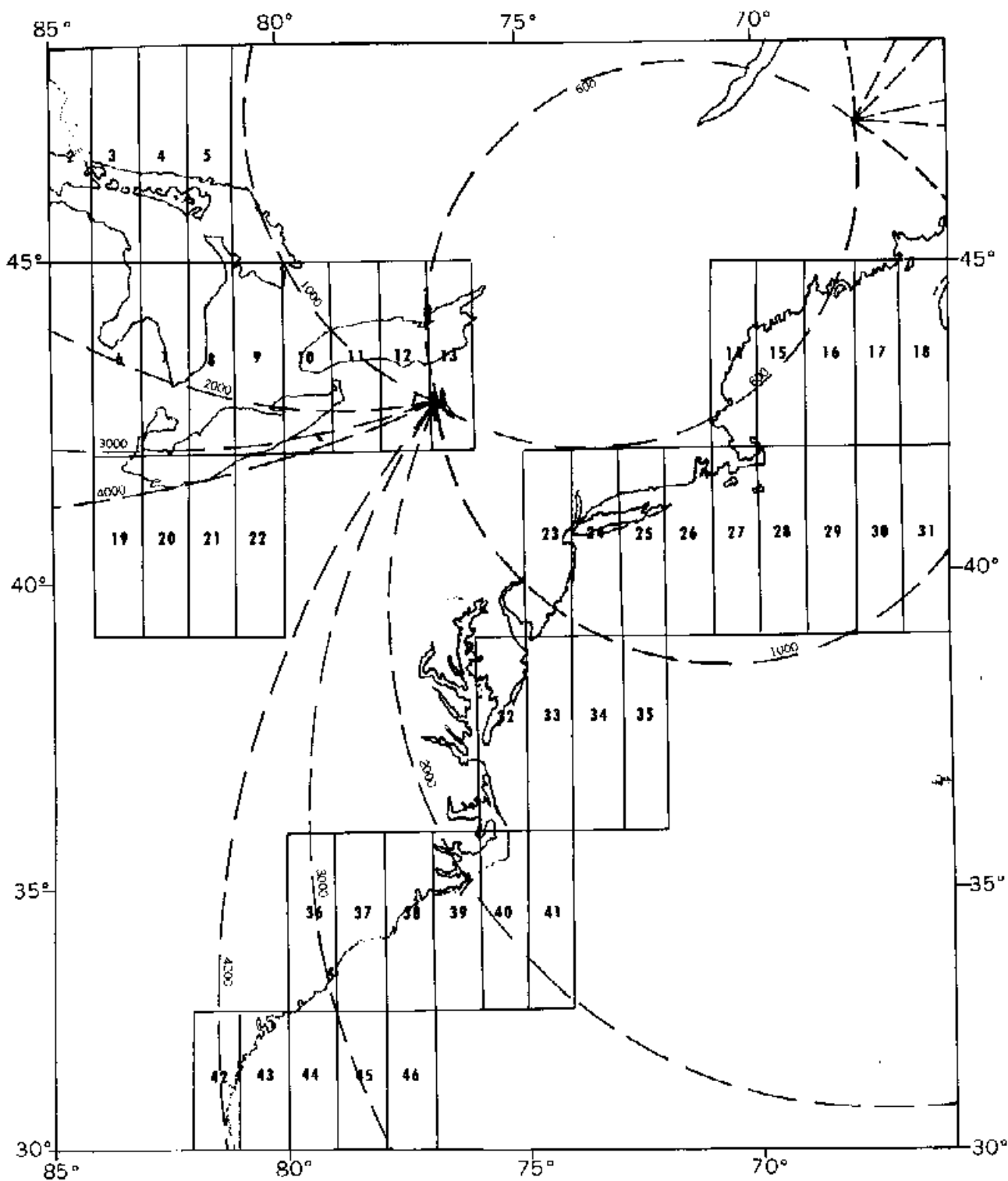


PAGE INDEX FOR SECONDARY PHASE CORRECTIONS FOR 9960-W



Corrections on each page cover an area three degrees in latitude and one degree in longitude and are in increments of five minutes of arc. Dashed lines show hyperbolic lane expansion in feet per microsecond.

2W

9960-W

2W		LONGITUDE WEST												
		85° 0'	55	50	45	40	35	30	25	20	15	10	5	84° 0'
LATITUDE	48° 0'													
	55	-3.1	-3.0											
	50	-3.1												
	45	-3.0												
	40	-3.1												
	35													
	30	-3.2	-3.2											
	25	-3.2	-3.2	-3.2	-3.1									
	20	-3.2	-3.1	-3.1	-3.1	-3.1								
	15	-3.2	-3.2	-3.2	-3.1	-3.1								
	10	-3.2	-3.2	-3.2	-3.2									
	5	-2.5	-2.4	-2.4	-2.4									
	47° 0'	-2.5	-2.5	-2.5										
	65	-2.6	-2.6	-2.5	-2.4	-2.4	-2.5	-2.5	-2.5					
	50	-2.6	-2.6	-2.6	-2.6	-2.5	-2.4	-2.4	-2.5					
	45		-2.7	-2.7	-2.7	-2.7	-2.7	-2.7						
	40	-2.7	-2.7	-2.7	-2.8	-2.7	-2.7	-2.8						
	35	-2.6	-2.7	-2.7	-2.8	-2.8								
30	-2.6	-2.7	-2.7	-2.7	-2.8	-2.8		-2.8	-2.9	-2.9		-2.8		
NORTH	25										-2.9	-3.0		
	20											-3.0	-3.0	
	15													
	10												-2.7	
	5													-2.6
	46° 0'					-2.7	-2.8							
	55	-2.6	-2.6			-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
	50	-2.4	-2.5	-2.5	-2.5	-2.4	-2.4	-2.5	-2.4	-2.4	-2.4	-1.8	-1.8	-1.0
	45	-2.1				-1.8	-1.1			-2.3	-2.3	-2.3	-2.4	-2.4
	40								-2.3	-2.4	-2.4	-2.4	-2.4	-2.4
35												-2.4	-2.4	
30					-1.6	-2.1						-2.2	-2.3	
25	-2.2				-2.1									
20														
15														
10														
5														
45° 0'														
		85° 0'	55	50	45	40	35	30	25	20	15	10	5	84° 0'
		LONGITUDE WEST												

9960-W

3W

		LONGITUDE WEST													
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'	
LATITUDE	48° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
	47° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
NORTH	46° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
	45° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
	45° 0'														
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'	
		LONGITUDE WEST													

4W

9960-W

[illegible]

5W

		LONGITUDE WEST												
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
LATITUDE NORTH	48° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	47° 0'													
	55													
	50													
	45													
	40													
	35													
30														
25														
20														
15														
10														
5														
46° 0'	-1.2	-2.6	-2.7	-2.7	-2.6	-2.6							-2.5	
	-2.6				-2.7	-2.7								
55			-2.6	-1.9	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6	-2.6	-2.6
50				-2.6		-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6
45		-2.6				-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
40			-2.6			-2.6	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.8	-2.8
35	-2.6				-2.6	-2.6	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.8	-2.8
30	-2.6	-2.6	-2.6		-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6	-2.7	-2.7
25	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.7	-2.7
20	-2.4	-2.4	-2.4	-2.5	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.7	-2.6	-2.6
15	-2.3	-2.4	-2.4	-2.4		-2.5	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.7
10	-2.4	-2.4	-2.4	-2.4	-2.5				-2.6	-2.6	-2.6	-2.6	-2.6	-2.6
5	-2.4	-2.4	-2.4	-2.4	-2.3	-2.3				-2.6	-2.6	-2.6	-2.6	-2.6
45° 0'	-2.3	-2.3	-2.4	-2.4	-2.4	-2.3	-2.3				-2.5	-2.6	-2.6	-2.6
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
		LONGITUDE WEST												

6W

9960-W

6W

9960-W

		LONGITUDE WEST													
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'	
LATITUDE NORTH	45° 0'									-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	55									-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	50										-2.2	-2.2	-2.2	-2.2	-2.2
	45										-2.1	-2.1	-2.1	-2.1	-2.2
	40										-2.2	-2.1	-2.1	-2.1	-2.1
	35										-2.1	-2.2	-2.1	-2.1	-2.1
	30										-2.1	-2.1	-2.1	-2.1	-2.1
	25											-2.2	-2.1	-2.1	-2.1
	20									-2.2	-2.2	-2.2	-2.1	-2.1	-2.1
	15							-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	10							-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	5							-2.1	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.3
	44° 0'					-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1		
	55			-2.1	-2.1	-2.1	-2.1	-2.1	-2.2	-2.2					
	50	-2.1	-2.1	-2.1	-2.2	-2.3	-2.3	-2.3							
	45	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3								
	40		-2.2	-2.2	-2.3	-2.3									
	35				-2.3										
30															
25															
20															
15															
10															
5															
43° 0'															
55															
50															
45															
40															
35															
30															
25															
20														-1.8	
15															
10															
5															
42° 0'															
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'	
		LONGITUDE WEST													

7W

		LONGITUDE WEST												
		83° 0'	55	50	45	40	35	30	25	20	15	10	5	82° 0'
LATITUDE NORTH	45° 0'	-2.2	-2.3	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3
	55	-2.2	-2.2	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3
	50	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3
	45	-2.2	-2.2	-2.2	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3
	40	-2.1	-2.1	-2.2	-2.2	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3
	35	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	30	-2.1	-2.2	-2.2	-2.2	-2.1	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2
	25	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	20	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.3	-2.2	-2.3
	15	-2.2	-2.2	-2.1	-2.1	-2.1	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3
	10	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3
	5	-2.3	-2.3	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.3	-2.3	-2.4	-2.3	-2.3
	44° 0'				-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4
	55					-2.4	-2.4	-2.4	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2
	50						-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.2
	45						-2.2	-2.3	-2.2	-2.2	-2.1	-2.1	-2.1	-2.1
	40						-2.1	-2.1	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0
	35						-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.1	-2.0
30							-2.0	-1.9	-2.0	-2.0	-2.0	-2.0	-2.0	
25							-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	
20							-2.0	-1.9	-1.9	-2.0	-1.9	-1.9	-2.0	
15							-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	
10							-1.8	-1.8	-1.8	-1.8	-1.8	-1.8		
5								-1.7	-1.8	-1.8	-1.8			
43° 0'														
55														
50														
45														
40					-2.0	-2.0								
35					-2.0	-2.0	-2.0							
30			-1.9	-2.0	-2.0		-1.9							
25			-2.0	-1.9	-1.9	-1.8	-1.8							
20	-1.8		-1.8	-1.8	-1.8	-1.7	-2.1							
15													-1.8	
10										-1.8	-1.8	-1.8	-1.9	
5									-1.8	-1.8	-1.7	-1.8	-1.8	
42° 0'	-1.9			-1.9	-1.8	-1.7		-1.7	-1.8	-1.7	-1.8	-1.7	-1.6	
		83° 0'	55	50	45	40	35	30	25	20	15	10	5	82° 0'
		LONGITUDE WEST												

9960-W

[illegible]

gw

5960-W

		LONGITUDE WEST													
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'	
LATITUDE NORTH	45° 0'	-2.6	-2.6	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.8	-2.8	-2.9	-2.8	
	55	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.7	-2.7	-2.6	-2.7	-2.7	-2.7	-2.8	
	50	-2.5	-2.5	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.7	-2.6		-2.7		
	45			-2.5	-2.5	-2.6	-2.6	-2.6	-2.7	-2.7	-2.7				
	40		-2.4				-2.6	-2.7	-2.6	-2.6	-2.7	-2.7	-2.7	-2.7	
	35								-2.5	-2.6	-2.6	-2.7	-2.7	-2.6	
	30											-2.5	-2.5		
	25														
	20														
	15														
	10														
	5														
	44° 0'														
	55														
	50														
	45														
	40														
	35														
30															
25															
20															
15															
10															
5															
43° 0'															
55															
50															
45											-2.0	-2.0	-2.0	-2.0	
40										-1.9	-1.9	-1.9	-1.9	-2.1	
35	-2.0	-2.0	-2.0	-2.0	-1.9					-1.8	-2.0	-2.0	-2.0	-2.0	
30	-1.9	-1.9	-1.8	-1.8	-1.8	-1.7	-1.7	-1.9	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	
25	-1.8	-1.8	-1.7	-1.7	-1.7	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	
20	-1.6	-1.6	-1.9	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.8	-1.8	-1.8	-1.8	-1.7	
15	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	
10	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6		
5	-1.7	-1.7	-1.6	-1.7	-1.7	-1.6	-1.6	-1.5	-1.6	-1.5					
42° 0'	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5								
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'	
		LONGITUDE WEST													

11W

[illegible]

12W

9960-W

		LONGITUDE WEST												
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
L	45° 0'													
A	55													
T	50													
I	45													
T	40													
D	35													
E	30													
	25													
	20													
	15										-2.1			
	10													
	5						-2.2			-2.3			-2.2	
L	44° 0'			-2.5		-2.5	-2.4							
A	55	-2.4	-2.5	-2.4	-2.5	-2.5	-2.5	-2.7	-2.6	-2.6				
T	50	-2.4	-2.5	-2.5	-2.7	-2.6	-2.6	-2.4	-2.4	-2.4	-2.4	-2.2	-2.4	-2.4
I	45	-2.5	-2.6	-2.6	-2.4	-2.3	-2.4	-2.4	-2.4	-2.7	-2.7	-2.5	-2.5	-2.5
T	40	-2.5	-2.4	-2.3	-2.4	-2.4	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6	-2.5
D	35	-2.4	-2.4	-2.4	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.8	-2.5	-2.5
E	30	-2.5	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6	-2.6
	25	-2.5	-2.6	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6
N	20					-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7	-2.6
O	15						-2.7							
R	10													
T	5													
H	43° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	42° 0'													
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
		LONGITUDE WEST												

13W

		LONGITUDE WEST												
		77° 0'	55	50	45	40	35	30	25	20	15	10	5	76° 0'
LATITUDE	45° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													-1.8
	15										-1.9	-1.9	-1.8	
	10		-2.1		-2.4		-2.0			-1.9				
	5		-2.3	-2.0	-2.0	-2.0	-2.0	-2.0	-2.3					
	44° 0'		-2.1	-2.0	-2.0	-2.3	-2.3	-2.3	-2.3	-2.3				
	55		-2.4	-2.4	-2.4	-2.4	-2.4	-2.4		-2.4	-2.3	-2.3		
	50	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4				
	45	-2.5	-2.5	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4			
	40	-2.5	-2.5	-2.5	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4	-2.4	-2.4		
	35	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.4	-2.4	-2.4	-2.4	-2.3		
	30	-2.6	-2.5	-2.5	-2.5	-2.5	-2.5	-2.4						
25	-2.6	-2.6	-2.6	-2.5	-2.5									
20	-2.6	-2.6	-2.6											
15														
10														
5														
43° 0'														
55														
50														
45														
40														
35														
30														
25														
20														
15														
10														
5														
42° 0'														
		77° 0'	55	50	45	40	35	30	25	20	15	10	5	76° 0'
		LONGITUDE WEST												

9960-W

14W		9960-W												
		LONGITUDE WEST												
		71° 0'	55	50	45	40	35	30	25	20	15	10	5	70° 0'
L	45° 0'													
A	55													
T	50													
I	45													
T	40													
U	35													
D	30													
E	25													
	20													
	15													
	10													
	5													
N	44° 0'													
O	55													
R	50											0.9	1.0	1.0
T	45											1.2	1.1	1.2
H	40											1.1	1.1	1.2
	35									1.0	1.2	1.0	1.1	1.1
	30									1.2	1.1	1.1	1.1	1.1
	25							0.6	0.9	1.0	1.0	1.1	1.1	1.1
	20						0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.1
	15						0.9	1.1	1.1	1.0	1.1	1.1	1.1	1.1
	10						0.8	0.9	0.9	1.0	0.9	1.0	1.0	1.0
	5				0.5	0.6	0.8	0.9	1.0	0.9	0.9	1.0	1.0	1.0
H	43° 0'				0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
	55				0.8	0.9	0.9	1.0	0.9	0.9	1.0	1.0	1.0	1.1
	50				1.0	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.1
	45					1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
	40					1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
	35						1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
	30			1.0	0.9	1.0	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1
	25	1.1	1.3	1.3	1.4	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1
	20	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4
	15				1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
	10					1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
	5						1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.4
	42° 0'					1.4	1.4	1.4	1.4	1.4	1.4	1.4		1.5
		71° 0'	55	50	45	40	35	30	25	20	15	10	5	70° 0'
		LONGITUDE WEST												

15W

[illegible]

16W

9960-W

16W		9960-W												
		LONGITUDE WEST												
		69° 0'	55	50	45	40	35	30	25	20	15	10	5	68° 0'
LATITUDE <														

17W

[illegible]

18W

9960-W

18W		LONGITUDE WEST												
		67° 0'	55	50	45	40	35	30	25	20	15	10	5	66° 0'
LATITUDE	45° 0'		2.3	2.1	2.1	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2
	55			2.3	2.2	1.9	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2
	50		2.1	2.3	2.1	2.0	1.8	1.4	1.3	1.3	1.2	1.2	1.2	1.2
	45	2.0	2.1		2.1	2.0	1.7	1.4	1.3	1.2	1.2	1.1	1.0	1.0
	40	1.9	1.9			1.8	1.8	1.5	1.2	1.1	1.1	1.1	1.0	1.0
	35	1.7	1.7	1.8	1.7	1.7	1.6	1.6	1.4	1.0	1.0	1.0	0.9	0.9
	30	1.7	1.6	1.7	1.6	1.6	1.6	1.5	1.4	1.0	1.0	1.0		0.9
	25	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0		1.0	
	20	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.3	1.3	0.9		
	15	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5		1.2	0.9		
	10	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3			
	5	1.4	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3			
	44° 0'	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3		
	55	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.3		
	50	1.4	1.3	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4		
45	1.4	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3			
40	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.0	
35	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	
30	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
NORTH	25	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	20	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	43° 0'	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	55	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2
	50	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1
	45	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2
	40	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.2	1.2
	35	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2
	30	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2
	25	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
	20	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	15	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	
5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
42° 0'	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	1.1	1.1	1.1	1.1	
		67° 0'	55	50	45	40	35	30	25	20	15	10	5	66° 0'
		LONGITUDE WEST												

19W

		LONGITUDE WEST												
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'
42° 0'												-1.9	-1.8	-1.9
55											-1.9	-2.0	-1.9	-1.9
50										-1.9	-1.8	-1.8	-1.8	-1.7
45									-1.8	-1.8	-1.7	-1.6	-1.6	-1.8
40										-1.7	-1.8	-1.8	-1.8	-1.8
35														-1.5
30														
25														
20														
15														
10														
5														
L	41° 0'													
A														
T	55													
I	50													
T	45													
U	40													
D	35													
E	30													
	25													
N	20													
O	15													
R	10													
T	5													
H	40° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	39° 0'													
		84° 0'	55	50	45	40	35	30	25	20	15	10	5	83° 0'
		LONGITUDE WEST												

9960-W

20W		LONGITUDE WEST												82° 0'
		83° 0'	55	50	45	40	35	30	25	20	15	10	5	
42° 0'		-1.9			-1.9	-1.8	-1.7		-1.7	-1.8	-1.7	-1.8	-1.7	-1.6
	55	-1.9	-1.8	-1.7	-1.7	-1.6	-1.8	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.5
	50	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5
	45	-1.8	-1.8	-1.8	-1.8		-1.5	-1.5	-1.5	-1.4	-1.4	-1.6	-1.6	-1.6
	40	-1.8	-1.8	-1.8	-1.5	-1.5	-1.5	-1.4	-1.4	-1.6	-1.6	-1.6	-1.6	-1.5
	35	-1.5	-1.4		-1.4	-1.4	-1.4	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4
	30				-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.3	-1.3		
	25						-1.4	-1.4	-1.3					
	20													
	15													
	10													
	5													
L 41° 0'														
A	55													
T	50													
I	45													
T	40													
U	35													
D	30													
E														
	25													
N	20													
O	15													
R	10													
T	5													
H 40° 0'														
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
39° 0'														
		83° 0'	55	50	45	40	35	30	25	20	15	10	5	82° 0'
		LONGITUDE WEST												

21W

[illegible]

9960-W

22W		LONGITUDE WEST												
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'
42° 0'		-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5						
	55	-1.6	-1.6	-1.5										
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
L 41° 0'														
A	55													
T	50													
I	45													
T	40													
U	35													
D	30													
E														
	25													
N	20													
O	15													
R	10													
T	5													
H 40° 0'														
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
39° 0'														
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'
		LONGITUDE WEST												

23W

[illegible]

9960-W

24W

8980-VV

		LONGITUDE WEST															
		74° 0'	55	50	45	40	35	30	25	20	15	10	5	73° 0'			
LATITUDE	42° 0'																
	55																
	50																
	45																
	40																
	35																
	30																
	25																
	20																
	15																
LATITUDE	10													-1.0	-0.9		
	5													-0.9	-0.8		
	41° 0'						-1.1	-0.9	-0.9	-0.9	-1.0	-0.9	-0.9	-0.9	-0.8		
	55				-1.0	-1.0	-1.1				-0.9						
	50				-1.0												
	45																
	40										-0.9	-0.8			-0.5		
	35							-1.1	-1.1	-1.0	-0.8	-0.6	-0.5	-0.6			
	30	-1.1	-1.3	-1.3	-1.3	-1.4	-1.2	-1.2	-1.0	-0.9	-0.7	-0.6	-0.5	-0.5			
	25		-1.3	-1.3	-1.5	-1.4	-1.3	-1.2	-0.9	-0.8	-0.6	-0.6	-0.7	-0.5			
NORTH	20		-1.2	-1.2	-1.4	-1.3	-1.2	-1.1	-1.0	-0.8	-0.7	-0.6	-0.5	-0.5			
	15		-1.0	-1.2	-1.2	-1.2	-1.2	-1.0	-1.0	-0.8	-0.8	-0.6	-0.5	-0.5			
	10	-0.9	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-0.8	-0.8	-0.7	-0.7	-0.5	-0.5			
	5	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.8			
	40° 0'	-1.0	-1.0	-1.0	-0.8	-0.8	-0.7	-0.7	-0.8	-0.7	-0.7	-0.7	-0.9	-0.9			
	55	-1.0	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.9	-0.7			
	50	-1.1	-1.0	-0.8	-0.7	-0.6	-0.5	-0.7	-0.5	-0.6	-0.6	-0.9	-0.9	-0.7			
	45	-1.0	-0.9	-0.8	-0.6	-0.6	-0.6	-0.4	-0.5	-0.5	-0.8	-0.9	-0.7	-0.7			
	40	-0.9	-0.8	-0.7	-0.6	-0.6	-0.5	-0.5	-0.4	-0.5	-0.7	-0.6	-0.6	-0.7			
	35	-0.9	-0.8	-0.6	-0.6	-0.7	-0.5	-0.5	-0.5	-0.7	-0.7	-0.5	-0.6	-0.6			
NORTH	30	-0.8	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.7	-0.7	-0.4	-0.5	-0.5	-0.5			
	25	-0.7	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.7	-0.7	-0.5	-0.5	-0.5	-0.3			
	20	-0.7	-0.6	-0.8	-0.5	-0.5	-0.5	-0.7	-0.7	-0.4	-0.6	-0.5	-0.4	-0.2			
	15	-0.7	-0.7	-0.8	-0.5	-0.5	-0.7	-0.8	-0.5	-0.5	-0.5	-0.5	-0.2	-0.1			
	10	-0.7	-0.6	-0.6	-0.5	-0.5	-0.8	-0.7	-0.5	-0.5	-0.5	-0.4	-0.2	-0.1			
	5	-0.6	-0.6	-0.6	-0.5	-0.8	-0.8	-0.5	-0.5	-0.6	-0.5	-0.2	-0.1	0.1			
	39° 0'	-0.6	-0.6	-0.6	-0.8	-0.8	-0.5	-0.5	-0.5	-0.5	-0.3	-0.2	-0.1	0.1			
			74° 0'	55	50	45	40	35	30	25	20	15	10	5	73° 0'		
			LONGITUDE WEST														

26W

9960-W

26W

5000-W

		LONGITUDE WEST												
		72° 0'	55	50	45	40	35	30	25	20	15	10	5	71° 0'
LATITUDE	42° 0'													
	55													
	50													
	45													
	40								0.6	0.7				
	35								0.8		0.9			
	30								0.7				0.9	0.9
	25								0.7	0.8	0.7	0.8	0.8	1.0
	20	-0.2	-0.2			0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.9
	15	-0.3	-0.2	0.1	0.2	0.4	0.6	0.6	0.7	0.6	0.6	0.7	0.8	0.8
	10	-0.4	-0.1	0.1	0.3	0.5		0.5	0.6	0.6	0.6	0.7	0.7	0.8
	5	-0.3	-0.0	0.0	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8
	41° 0'	-0.1	0.0	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.8	0.7
	55	0.0	0.2	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7
	50	0.0	0.2	0.3	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7
45	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.7	0.7	
40	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.7	
35	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	
30	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.7	
NORTH	26	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.7
	20	0.3	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.7
	15	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7
	10	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7
	5	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.7
	40° 0'	0.3	0.3	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
	55	0.3	0.3	0.3	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
	50	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
	45	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
	40	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7
	35	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.8
	30	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
	25	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
	20	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
	15	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
10	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.7	0.7	
5	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.7	
39° 0'	0.2	0.3	0.2	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	
		72° 0'	55	50	45	40	35	30	25	20	15	10	5	71° 0'
		LONGITUDE WEST												

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		LONGITUDE WEST												
		71° 0'	55	50	45	40	35	30	25	20	15	10	5	70° 0'
LATITUDE	42° 0'					1.4	1.4	1.4	1.4	1.4	1.4	1.4		1.5
	55							1.5	1.5	1.4	1.4	1.3		
	50							1.5	1.5	1.4	1.4	1.4	1.4	
	45								1.5	1.5	1.4			
	40				1.2									
	35		1.1	1.2	1.2				1.4	1.4	1.4	1.5	1.5	
	30	0.9	1.0	1.1		1.1	1.1	1.2	1.2	1.2	1.3	1.4	1.4	1.5
	25	1.0	0.9	1.0	1.0			1.3	1.2	1.1	1.2	1.2	1.3	1.4
	20	0.9	0.9		1.0	1.0	1.1	1.2	1.4	1.3	1.4	1.4	1.4	
	15	0.8	0.8	0.8	0.9	0.9	1.1	1.2	1.1	1.2	1.3	1.2		
	10	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.2	1.2	1.2	1.3
	5	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.1	1.3
	41° 0'	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2
	55	0.7	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
	50	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.9	1.0	1.1	1.0	1.1	1.1
45	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	
40	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1	1.0	
35	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0	0.9	1.0	1.0	1.0	
30	0.7	0.7	0.7	0.7	0.7	0.8	0.9	0.9	1.0	0.9	1.0	1.0	0.9	
NORTH	25	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	0.9	0.9
	20	0.7	0.7	0.7	0.7	0.8	0.8	0.9	1.0	0.9	1.0	0.9	0.9	0.9
	15	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	1.0	0.9	0.9	0.9
	10	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	5	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.9	0.9
	40° 0'	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.9	0.9
	55	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9
	50	0.7	0.7	0.7	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.8	0.9
	45	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.9
	40	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.9	0.9
	35	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.8	0.9	0.9
	30	0.7	0.8	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.8	0.9	0.9	0.9
	25	0.6	0.7	0.7	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9
	20	0.6	0.7	0.7	0.8	0.8	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8
	15	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.8
10	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.9	0.9	0.9	0.9	0.8	
5	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.9	0.9	0.9	
39° 0'	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.9	
		71° 0'	55	50	45	40	35	30	25	20	15	10	5	70° 0'
		LONGITUDE WEST												

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		LONGITUDE WEST												
		69° 0'	55	50	45	40	35	30	25	20	15	10	5	68° 0'
LATITUDE	42° 0'	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.5
	55	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	50	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.4
	45	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	40	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4
	35	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	30	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.4
	25	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	20	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4	1.5
	15	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	10	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	5	1.3	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.4
	41° 0'	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	55	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.2	1.3
	50	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.2
	45	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
	40	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3
	35	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
	30	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2
NORTH	25	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	20	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	15	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	10	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
	5	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.1
	40° 0'	0.9	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0
	55	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
	50	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	45	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	40	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	35	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	30	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
	25	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
	20	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
	15	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
	10	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0
	5	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
	39° 0'	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	0.9
			69° 0'	55	50	45	40	35	30	25	20	15	10	5
		LONGITUDE WEST												

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		LONGITUDE WEST														
		76° 0'	55	50	45	40	35	30	25	20	15	10	5	75° 0'		
LATITUDE	39° 0'									-1.2	-1.2	-1.3	-1.3	-1.3		
	55										-1.3	-1.3	-1.3	-1.3		
	50											-1.3	-1.3	-1.3		
	45												-1.2	-1.5		
	40													-1.3		
	35											-1.2	-1.4	-1.2		
	30													-1.1		
	25												-1.0	-1.0		
	20	-1.5	-1.3											-0.7	-0.8	
	15	-1.5	-1.5											-0.6	-0.8	
	10	-1.4								-1.0	-0.8	-0.8	-0.6	-0.7		
	5	-1.5	-1.4							-0.8	-0.8	-0.7	-0.6	-0.6		
	38° 0'		-1.5													
	55	-1.4	-1.7	-1.5	-1.4				-0.9		-0.7	-0.7	-0.6	-0.4		
	50	-1.6	-1.5	-1.4					-0.9	-0.7	-0.7	-0.6	-0.5	-0.4		
	45	-1.6	-1.6	-1.5				-0.8	-0.7	-0.7	-0.6	-0.6	-0.5	-0.4		
NORTH	40	-1.5	-1.6				-0.7	-0.9	-0.6	-0.6	-0.6	-0.5	-0.5	-0.4		
	35	-1.8				-1.1	-0.7	-0.7	-0.6	-0.6	-0.4	-0.5	-0.5	-0.4		
	30	-1.6				-0.9	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.4		
	25	-2.0			-0.9	-0.7	-0.6	-0.5	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4		
	20			-1.2	-0.6	-0.6	-0.6	-0.4	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4		
	15		-1.2	-1.1	-0.8	-0.6	-0.6	-0.5	-0.4	-0.5	-0.5	-0.4	-0.4	-0.4		
	10		-1.1		-0.7	-0.6	-0.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4		
	5	-1.5	-1.2	-0.8	-0.7	-0.6	-0.4	-0.4	-0.4	-0.6	-0.4	-0.4	-0.4	-0.4		
	37° 0'	-1.3	-0.9	-0.7	-0.7	-0.5	-0.4	-0.4	-0.3	-0.3	-0.4	-0.4	-0.3	-0.6		
	55	-1.1	-0.9	-0.6	-0.7	-0.5	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.4	-0.6		
	50		-0.9	-0.6	-0.6	-0.5	-0.4	-0.6	-0.3	-0.3	-0.3	-0.3	-0.6	-0.6		
	45		-0.9	-0.6	-0.6	-0.5	-0.4	-0.3	-0.3	-0.3	-0.3	-0.6	-0.6	-0.6		
	40			-0.6	-0.6	-0.5	-0.4	-0.4	-0.3	-0.2	-0.3	-0.6	-0.6	-0.3		
	35		-0.7	-0.6	-0.5	-0.5	-0.4	-0.3	-0.3	-0.3	-0.5	-0.6	-0.6	-0.3		
	30	-0.8		-0.5	-0.5	-0.4	-0.4	-0.3	-0.3	-0.3	-0.6	-0.6	-0.3	-0.3		
H	25	-0.7	-0.7	-0.6	-0.6	-0.4	-0.4	-0.3	-0.3	-0.5	-0.6	-0.5	-0.3	-0.4		
	20			-0.6	-0.4	-0.5	-0.4	-0.3	-0.5	-0.5	-0.5	-0.3	-0.3	-0.3		
	15			-0.5	-0.4		-0.3	-0.3	-0.6	-0.5	-0.2	-0.3	-0.3	-0.4		
	10	-0.6				-0.4	-0.4	-0.5	-0.6	-0.5	-0.3	-0.3	-0.3	-0.4		
	5	-0.7	-0.5	-0.5	-0.5	-0.4	-0.4	-0.6	-0.5	-0.3	-0.3	-0.3	-0.4	-0.3		
	36° 0'	-0.5	-0.5	-0.5	-0.4		-0.6	-0.6	-0.5	-0.3	-0.3	-0.4	-0.4	-0.2		
		76° 0'	55	50	45	40	35	30	25	20	15	10	5	75° 0'		
		LONGITUDE WEST														

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		LONGITUDE WEST												
		75° 0'	55	50	45	40	35	30	25	20	15	10	5	74° 0'
LATITUDE NORTH	39° 0'	-1.3			-1.2	-1.1	-1.0	-0.8	-0.8	-0.6	-0.5	-0.5	-0.5	-0.6
	55	-1.3	-1.4	-1.2	-1.1	-1.0	-1.0	-0.8	-0.7	-0.5	-0.5	-0.5	-0.4	-0.6
	50	-1.3	-1.3	-1.1	-1.1	-1.0	-0.9	-0.9	-0.6	-0.6	-0.5	-0.4	-0.4	-0.4
	45	-1.5	-1.3	-1.2	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.4	-0.4	-0.4
	40	-1.3	-1.2	-1.1	-1.1	-1.0	-0.9	-0.7	-0.7	-0.6	-0.5	-0.5	-0.4	-0.4
	35	-1.2	-1.2	-1.1	-1.0	-0.9	-0.8	-0.7	-0.7	-0.6	-0.5	-0.4	-0.4	-0.6
	30	-1.1	-1.2	-1.0	-1.0	-0.8	-0.7	-0.7	-0.7	-0.6	-0.4	-0.4	-0.7	-0.7
	25	-1.0	-1.0	-1.0	-0.9	-0.8	-0.7	-0.7	-0.6	-0.6	-0.6	-0.4	-0.7	-0.7
	20	-0.9	-0.9	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	-0.4
	15	-0.8	-0.9	-0.8	-0.8	-0.8	-0.8	-0.6	-0.6	-0.6	-0.6	-0.9	-0.7	-0.4
	10	-0.8	-0.8	-0.7	-0.8	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.8	-0.6	-0.4
	5	-0.7	-0.7	-0.7	-0.8	-0.7	-0.7	-0.6	-0.6	-0.6	-0.8	-0.9	-0.8	-0.6
	38° 0'	-0.6	-0.6	-0.7	-0.8	-0.7	-0.7	-0.6	-0.6	-0.6	-0.8	-0.8	-0.6	-0.7
	55	-0.4	-0.6	-0.7	-0.6	-0.7	-0.7	-0.6	-0.8	-0.9	-0.6	-0.6	-0.6	-0.6
	50	-0.4	-0.5	-0.5	-0.6	-0.7	-0.7	-0.9	-0.9	-0.9	-0.6	-0.6	-0.7	-0.6
	45	-0.4	-0.5	-0.5	-0.6	-0.6	-0.7	-0.9	-0.9	-0.6	-0.6	-0.6	-0.6	-0.5
	40	-0.5	-0.4	-0.5	-0.6	-0.6	-0.9	-0.9	-0.6	-0.6	-0.6	-0.6	-0.5	-0.4
	35	-0.4	-0.4	-0.4	-0.5	-0.6	-0.9	-0.9	-0.6	-0.6	-0.7	-0.6	-0.4	-0.3
30	-0.4	-0.3	-0.3	-0.5	-0.8	-0.8	-0.7	-0.6	-0.6	-0.7	-0.5	-0.3	-0.3	
LATITUDE SOUTH	25	-0.4	-0.4	-0.3	-0.7	-0.8	-0.8	-0.6	-0.7	-0.7	-0.6	-0.4	-0.3	-0.2
	20	-0.4	-0.4	-0.3	-0.6	-0.7	-0.6	-0.6	-0.7	-0.7	-0.5	-0.4	-0.3	-0.2
	15	-0.4	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.7	-0.6	-0.4	-0.3	-0.2	-0.0
	10	-0.4	-0.6	-0.6	-0.6	-0.4	-0.5	-0.6	-0.6	-0.6	-0.3	-0.3	-0.2	-0.0
	5	-0.4	-0.6	-0.7	-0.3	-0.3	-0.5	-0.6	-0.6	-0.4	-0.3	-0.3	-0.1	0.0
	37° 0'	-0.6	-0.6	-0.6	-0.4	-0.3	-0.5	-0.5	-0.5	-0.3	-0.3	-0.1	-0.0	0.1
	55	-0.6	-0.6	-0.4	-0.4	-0.3	-0.4	-0.4	-0.3	-0.3	-0.3	-0.0	0.0	0.1
	50	-0.6	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.1	-0.0	0.0	0.1
	45	-0.6	-0.4	-0.4	-0.4	-0.4	-0.2	-0.2	-0.2	-0.2	-0.0	0.0	0.1	0.0
	40	-0.3	-0.4	-0.4	-0.5	-0.4	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.1	0.1
	35	-0.3	-0.4	-0.5	-0.4	-0.3	-0.1	0.0	-0.1	0.1	0.1	0.1	0.0	0.1
	30	-0.3	-0.4	-0.4	-0.3	-0.2	-0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	25	-0.4	-0.4	-0.4	-0.3	-0.1	-0.1	0.0	0.2	0.2	0.2	0.1	0.1	0.2
	20	-0.3	-0.4	-0.3	-0.1	-0.1	-0.0	0.2	0.2	0.2	0.2	0.2	0.1	0.2
	15	-0.4	-0.4	-0.3	-0.1	-0.0	-0.0	0.3	0.3	0.3	0.2	0.2	0.2	0.2
	10	-0.4	-0.3	-0.1	-0.1	-0.0	0.2	0.2	0.3	0.3	0.2	0.1	0.3	0.2
	5	-0.3	-0.1	-0.1	-0.0	0.0	0.2	0.2	0.3	0.3	0.2	0.3	0.3	0.2
	36° 0'	-0.2	-0.1	-0.0	0.0	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.2	0.2
		75° 0'	55	50	45	40	35	30	25	20	15	10	5	74° 0'
		LONGITUDE WEST												

9960-W

34W

9960-W

		LONGITUDE WEST													
		74° 0'	55	50	45	40	35	30	25	20	15	10	5	73° 0'	
LATITUDE	39° 0'	-0.6	-0.6	-0.6	-0.8	-0.8	-0.5	-0.5	-0.5	-0.5	-0.3	-0.2	-0.1	0.1	
	55	-0.6	-0.6	-0.6	-0.8	-0.8	-0.5	-0.5	-0.6	-0.4	-0.2	-0.2	0.0	0.1	
	50	-0.4	-0.6	-0.8	-0.8	-0.6	-0.6	-0.6	-0.5	-0.3	-0.2	-0.2	0.0	0.1	
	45	-0.4	-0.6	-0.8	-0.6	-0.6	-0.8	-0.6	-0.5	-0.3	-0.2	0.0	0.1	0.1	
	40	-0.4	-0.7	-0.6	-0.6	-0.6	-0.7	-0.5	-0.3	-0.2	-0.0	0.0	0.1	0.1	
	35	-0.6	-0.7	-0.4	-0.6	-0.7	-0.6	-0.4	-0.3	-0.2	-0.0	0.1	0.1	0.1	
	30	-0.7	-0.6	-0.4	-0.4	-0.6	-0.5	-0.3	-0.2	-0.1	0.0	0.1	0.1	0.1	
	25	-0.7	-0.4	-0.4	-0.5	-0.4	-0.4	-0.3	-0.2	-0.0	0.0	0.1	0.1	0.1	
	20	-0.4	-0.4	-0.4	-0.5	-0.3	-0.3	-0.3	-0.1	0.0	0.1	0.1	0.1	0.2	
	15	-0.4	-0.5	-0.5	-0.4	-0.2	-0.1	-0.2	-0.0	0.0	0.0	0.1	0.1	0.2	
LATITUDE	10	-0.4	-0.5	-0.5	-0.3	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	
	5	-0.4	-0.5	-0.4	-0.2	-0.1	-0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	
	38° 0'	-0.7	-0.5	-0.3	-0.2	-0.1	0.1	0.2	0.2	0.0	0.0	0.1	0.1	0.2	
	55	-0.6	-0.4	-0.2	-0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.2	
	50	-0.6	-0.4	-0.1	-0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	
	45	-0.5	-0.3	-0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	
	40	-0.4	-0.3	-0.3	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	
	35	-0.3	-0.2	-0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	
	30	-0.3	-0.2	-0.0	0.0	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	
	25	-0.2	-0.0	0.0	0.1	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	
NORTH	20	-0.2	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	
	15	-0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	
	10	-0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	
	5	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	
	37° 0'	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	
	55	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.5	
	50	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.5	
	45	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.5	
	40	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.5	
	35	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.5	0.5	0.5	
NORTH	30	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	
	25	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.4	0.4	0.5	0.5	
	20	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	
	15	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	
	10	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
	5	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.5	
	36° 0'	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.5	
			74° 0'	55	50	45	40	35	30	25	20	15	10	5	73° 0'
			LONGITUDE WEST												

9960-W

35W

		LONGITUDE WEST												
		73° 0'	55	50	45	40	35	30	25	20	15	10	5	72° 0'
LATITUDE	39° 0'	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	55	0.1	0.1	0.2	0.1	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
	50	0.1	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	45	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3
	40	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3
	35	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
	30	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.4
	25	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
	20	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5
	15	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
	10	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5
	5	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5
	38° 0'	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5
	55	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
	50	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
	45	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
	40	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
	35	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
	30	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
	25	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
	20	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
	15	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
	10	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
	5	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
37° 0'	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	
55	0.5	0.5	0.5	0.5	0.6	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.6	
50	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	
45	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.5	0.6	
40	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.6	0.6	
35	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.6	
30	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.5	0.6	0.6	
25	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	
20	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	
15	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	
10	0.4	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.7	
5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	
36° 0'	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.7	
		73° 0'	55	50	45	40	35	30	25	20	15	10	5	72° 0'
		LONGITUDE WEST												

9960-W

[illegible]

37W

		LONGITUDE WEST													
		79° 0'	55	50	45	40	35	30	25	20	15	10	5	78° 0'	
LATITUDE NORTH	36° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
	35° 0'														
	55														
	50														
	45														
	40														
	35														
	30														
	25														
	20														
	15														
	10														
	5														
34° 0'															
55													-0.1		
50						-0.9	-0.8	-0.9	-0.7	-0.6	-0.3	-0.1	0.2		
45				-0.8	-0.7	-0.9	-0.8	-0.8	-0.6	-0.3	-0.2	0.0	0.3		
40			-0.8	-0.8	-0.8	-1.0	-0.8	-0.8	-0.5	-0.3	-0.1	0.2	0.3		
35	-0.8	-0.8	-0.7	-0.7	-1.0	-0.8	-0.8	-0.6	-0.4	-0.2	0.1	0.4	0.3		
30	-0.9	-0.7	-0.7	-0.7	-0.9	-0.8	-0.7	-0.4	-0.2	-0.1	0.3	0.4	0.3		
25	-0.9	-0.7	-0.7	-0.8	-1.0	-0.7	-0.6	-0.3	-0.2	0.2	0.3	0.4	0.4		
20	-0.7	-0.7	-0.9	-0.8	-0.9	-0.7	-0.4	-0.1	0.0	0.3	0.4	0.5	0.6		
15	-0.7	-0.7	-0.8	-1.0	-0.9	-0.5	-0.3	-0.2	0.2	0.4	0.5	0.6	0.6		
10	-0.6	-0.9	-0.8	-0.9	-0.6	-0.3	-0.2	0.2	0.3	0.4	0.6	0.7	0.7		
5	-0.8	-0.8	-0.8	-0.8	-0.4	-0.2	0.0	0.3	0.4	0.5	0.6	0.8	0.7		
33° 0'	-0.8	-0.8	-0.7	-0.6	-0.3	-0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.7		
		79° 0'	55	50	45	40	35	30	25	20	15	10	5	78° 0'	
LONGITUDE WEST															

9960-W

38W

9960-W

		LONGITUDE WEST												
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
LATITUDE NORTH	36° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	35° 0'													
	55													
	50													
	45													
	40													
	35										0.4	0.5	0.4	0.4
	30									0.3	0.4	0.5	0.4	0.4
	25							0.1	0.0	0.4	0.5	0.5	0.4	0.4
20					-0.1	0.2	0.2	0.1	0.5	0.5	0.5	0.5	0.8	
15				-0.1	0.0	0.2	0.3	0.2	0.5	0.5	0.6	0.4	0.6	
10				0.0	0.1	0.3	0.2	0.3	0.5	0.5	0.6	0.6	0.6	
5			0.1	0.1	0.1	0.4	0.3	0.3	0.5	0.5	0.7	0.6	0.5	
34° 0'			0.2	0.1	0.3	0.4	0.3	0.3	0.5	0.6	0.7	0.6	0.5	
55	-0.1	0.2	0.2	0.1	0.4	0.5	0.3	0.3	0.6	0.7	0.7	0.6	0.5	
50	0.2	0.3	0.2	0.2	0.5	0.6	0.3	0.4	0.5	0.7	0.7	0.6	0.6	
45	0.3	0.3	0.3	0.3	0.6	0.6	0.4	0.4	0.7	0.7	0.7	0.6	0.6	
40	0.3	0.3	0.4	0.4	0.6	0.6	0.4	0.4	0.7	0.7	0.7	0.6	0.7	
35	0.3	0.4	0.5	0.5	0.6	0.7	0.4	0.6	0.7	0.7	0.7	0.6	0.5	
30	0.3	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.5	
25	0.4	0.5	0.6	0.5	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.5	0.4	
20	0.6	0.6	0.5	0.5	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.5	0.5	
15	0.6	0.6	0.5	0.6	0.6	0.8	0.6	0.6	0.8	0.8	0.5	0.5	0.5	
10	0.7	0.6	0.6	0.6	0.8	0.7	0.6	0.7	0.8	0.8	0.5	0.5	0.5	
5	0.7	0.7	0.6	0.7	0.8	0.7	0.6	0.8	0.8	0.6	0.5	0.5	0.7	
33° 0'	0.7	0.7	0.6	0.8	0.8	0.7	0.6	0.8	0.8	0.6	0.5	0.5	0.7	
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
		LONGITUDE WEST												

39W

		LONGITUDE WEST												
		77° 0'	55	50	45	40	35	30	25	20	15	10	5	76° 0'
LATITUDE	36° 0'					-0.6	-0.3	-0.2	-0.1	-0.2	-0.1	-0.3	-0.5	-0.5
	55													-0.4
	50													-0.5
	45													-0.5
	40												-0.3	
	35													
	30						0.1							
	25			-0.1	0.0		0.0		0.2					-0.4
	20				0.1		0.0	0.1	0.2	0.2	0.1	0.0	-0.1	-0.6
	15							0.2	0.3	0.2	0.0	0.0	-0.1	-0.6
	10						0.1	0.2	0.3	0.3	0.0	0.1	-0.3	-0.5
	5						0.1	0.3	0.3	0.2	0.1	0.1	-0.3	
	35° 0'		0.3			0.2	0.3		0.2		0.1	-0.1	-0.2	-0.5
	55					0.3				0.3	-0.1	-0.2	-0.2	-0.2
	50								0.2		-0.1	-0.1	-0.2	-0.2
	45									0.2	-0.1	-0.2	0.1	-0.2
40			0.4	0.3	0.5	0.3	0.2	0.4	0.2	-0.0	-0.2	0.1	-0.1	
35	0.4	0.4	0.5	0.4	0.2	0.3	0.4	0.2	0.1	-0.0	0.1	0.1	-0.1	
30	0.4	0.5	0.6	0.5	0.2	0.3	0.5	0.2	0.2	0.3	0.1	0.1	-0.1	
NORTH	25	0.4	0.6	0.5	0.4	0.3	0.4	0.2	0.2	0.2	0.3	0.1	0.1	-0.1
	20	0.6	0.6	0.6	0.4	0.3	0.1	0.2	0.2	0.4	0.3	0.1	0.1	-0.0
	15	0.6	0.5	0.5	0.5	0.4	0.1	0.2	0.2	0.4	0.3	0.1	0.0	0.0
	10	0.6	0.5	0.5	0.5	0.2	0.1	0.2	0.5	0.4	0.3	0.0	0.1	0.1
	5	0.5	0.5	0.6	0.6	0.2	0.2	0.2	0.5	0.4	0.3	0.1	0.1	0.1
	34° 0'	0.5	0.6	0.6	0.4	0.2	0.2	0.5	0.5	0.4	0.2	0.1	0.2	0.3
	55	0.5	0.6	0.7	0.4	0.2	0.2	0.5	0.5	0.4	0.2	0.1	0.2	0.3
	50	0.6	0.6	0.5	0.4	0.2	0.4	0.5	0.5	0.3	0.3	0.2	0.4	0.4
	45	0.6	0.7	0.4	0.4	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.4	0.4
	40	0.7	0.5	0.4	0.4	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4
	35	0.5	0.4	0.4	0.7	0.5	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.5
	30	0.5	0.4	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.7	0.5	0.5	0.5
	25	0.4	0.4	0.7	0.6	0.5	0.4	0.4	0.5	0.5	0.7	0.5	0.5	0.7
	20	0.5	0.5	0.7	0.7	0.5	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.7
	15	0.5	0.7	0.7	0.6	0.5	0.4	0.5	0.6	0.7	0.7	0.6	0.7	0.7
	10	0.5	0.7	0.7	0.6	0.4	0.4	0.6	0.7	0.7	0.8	0.6	0.7	0.7
5	0.7	0.7	0.7	0.6	0.4	0.5	0.6	0.8	0.7	0.8	0.8	0.7	0.7	
33° 0'	0.7	0.7	0.7	0.5	0.5	0.5	0.7	0.8	0.8	0.8	0.9	0.7	0.8	
		77° 0'	55	50	45	40	35	30	25	20	15	10	5	76° 0'
		LONGITUDE WEST												

9960-W

40W

9960—W

		LONGITUDE WEST												
		76° 0'	55	50	45	40	35	30	25	20	15	10	5	75° 0'
LATITUDE	36° 0'	-0.5	-0.5	-0.5	-0.4		-0.6	-0.6	-0.5	-0.3	-0.3	-0.4	-0.4	-0.2
	55	-0.4			-0.4		-0.6	-0.6	-0.3	-0.3	-0.3	-0.3	-0.3	-0.1
	50	-0.5				-0.5	-0.6	-0.6	-0.3	-0.3	-0.4	-0.3	-0.2	-0.1
	45	-0.5				-0.5	-0.6	-0.3	-0.3	-0.3	-0.4	-0.3	-0.1	-0.0
	40				-0.6	-0.5	-0.4	-0.3	-0.3	-0.4	-0.3	-0.2	-0.0	0.0
	35			-0.7	-0.6	-0.6	-0.3	-0.3	-0.3	-0.3	-0.3	-0.1	0.1	0.1
	30		-0.5	-0.7	-0.6	-0.4	-0.3	-0.4	-0.4	-0.3	-0.2	0.0	0.1	0.1
	25	-0.4	-0.6	-0.6	-0.6	-0.4	-0.3		-0.4	-0.2	-0.1	0.0	0.1	0.2
	20	-0.6	-0.6	-0.6	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.0	0.0	0.1	0.3
	15	-0.6	-0.5	-0.6	-0.3	-0.3		-0.3	-0.1	-0.0	0.0	0.1	0.3	0.3
	10	-0.5	-0.5	-0.3	-0.4	-0.3	-0.3	-0.3	-0.2	0.0	0.1	0.1	0.3	0.4
	5		-0.3	-0.3	-0.4	-0.4	-0.3	-0.2	-0.0	0.0	0.1	0.3	0.3	0.4
	35° 0'	-0.5	-0.3	-0.3	-0.4	-0.4	-0.3	-0.1	0.0	0.0	0.1	0.3	0.3	0.4
	55	-0.2	-0.3	-0.4	-0.5	-0.4	-0.2	-0.0	0.0	0.1	0.3	0.3	0.3	0.4
	50	-0.2	-0.3	-0.4	-0.4	-0.3	-0.1	0.1	0.0	0.1	0.3	0.3	0.3	0.4
	45	-0.2	-0.3	-0.5	-0.4	-0.2	-0.0	0.1	0.1	0.3	0.3	0.4	0.4	0.4
	40	-0.1	-0.3	-0.4	-0.3	-0.1	0.0	0.1	0.0	0.3	0.3	0.4	0.4	0.4
	35	-0.1	-0.4	-0.4	-0.3	-0.1	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4
30	-0.1	-0.3	-0.2	-0.1	-0.1	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	
NORTH	25	-0.1	-0.3	-0.2	-0.1	-0.0	0.1	0.3	0.3	0.4	0.4	0.4	0.4	0.4
	20	-0.0	-0.2	-0.0	-0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.4	0.4	0.5
	15	0.0	-0.2	-0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5
	10	0.1	-0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5
	5	0.1	0.1	0.1	0.0	0.2	0.3	0.4	0.5	0.4	0.5	0.4	0.5	0.5
	34° 0'	0.3	0.1	0.1	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
	55	0.3	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
	50	0.4	0.2	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5
	45	0.4	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.5	0.5
	40	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
	35	0.5	0.5	0.3	0.4	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.5	0.6
	30	0.5	0.5	0.3	0.4	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.5	0.5
	25	0.7	0.6	0.4	0.4	0.3	0.3	0.3	0.5	0.6	0.5	0.5	0.5	0.6
	20	0.7	0.6	0.4	0.4	0.3	0.4	0.3	0.5	0.6	0.5	0.5	0.5	0.6
	15	0.7	0.6	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.6
	10	0.7	0.7	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.6
	5	0.7	0.7	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.6	0.5	0.6	0.6
	33° 0'	0.8	0.7	0.5	0.4	0.3	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6
		76° 0'	55	50	45	40	35	30	25	20	15	10	5	75° 0'
		LONGITUDE WEST												

9960-W

41W

9960-W

		LONGITUDE WEST												74°
		75°												0'
		0'	55	50	45	40	35	30	25	20	15	10	5	0'
LATITUDE NORTH	36° 0'	-0.2	-0.1	-0.0	0.0	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.2	0.2
	55	-0.1	-0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.2
	50	-0.1	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
	45	-0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.3	0.3
	40	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.3	0.3
	35	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3
	30	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4
	25	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4
	20	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4
	15	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
	10	0.4	0.3	0.3	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6
	5	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6
	35° 0'	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6
	55	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.6
	50	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
	45	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
	40	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
	35	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
30	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	
LATITUDE NORTH	25	0.4	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
	20	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
	15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
	10	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7
	34° 0'	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7
	55	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
	50	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
	45	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
	40	0.5	0.5	0.6	0.6	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7
	35	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	30	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	25	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	20	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	15	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	10	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	33° 0'	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7
		75°												74°
		0'	55	50	45	40	35	30	25	20	15	10	5	0'
		LONGITUDE WEST												

9960-W

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5555-V

		LONGITUDE WEST												
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
LATITUDE NORTH	33° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	32° 0'													
	55												-1.3	-1.2
	50												-1.2	-1.1
	45												-1.2	-1.1
	40												-1.1	-1.1
	35											-1.1	-1.1	
	30										-1.1	-1.1	-1.1	
	25										-0.9	-1.1	-1.0	-1.1
	20										-0.9	-1.1	-1.0	-1.1
	15										-1.0	-1.0	-1.0	-1.0
	10									-0.8	-1.0	-1.0	-1.0	-0.9
	5									-0.9	-0.9	-1.0	-1.0	-0.9
31° 0'								-0.7	-0.9	-0.9	-1.0	-0.9	-0.9	
55										-0.9	-0.9	-0.9	-0.8	
50									-0.8	-0.9	-0.9	-0.9	-0.8	
45									-0.8	-0.9	-0.9	-0.8	-0.8	
40									-0.9	-0.8	-0.8	-0.8	-0.8	
35									-0.8	-0.8	-0.9	-0.8	-0.9	
30									-0.8	-0.8	-0.8	-0.8	-0.9	
25										-0.8	-0.9	-0.8	-0.7	
20										-0.8	-0.8	-0.9	-0.8	
15										-0.8	-0.8	-0.8	-0.7	
10										-0.8	-0.9	-0.7	-0.6	
5										-0.9	-0.8	-0.6	-0.6	
30° 0'											-0.7	-0.6	-0.5	-0.5
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
		LONGITUDE WEST												

9960-W

43W

		LONGITUDE WEST												
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'
LATITUDE	33° 0'													
	55													
	50													
	45													
	40													
	35												-1.2	-1.1
	30						-1.4	-1.4	-1.3		-1.3	-1.2	-1.1	-1.0
	25									-1.3	-1.3	-1.2	-1.1	-1.1
	20				-1.4					-1.3	-1.2	-1.1	-1.0	-1.0
	15					-1.4	-1.3	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9
	10						-1.3	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9
	5							-1.2	-1.1	-1.1	-1.0	-1.0	-0.9	-0.8
	32° 0'			-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9	-1.0	-0.7
	55		-1.3	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-1.0	-0.9	-1.0	-0.9	-0.6
	50	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-1.0	-0.9	-0.9	-0.9	-0.8	-0.5
	45	-1.1	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9	-0.8	-0.9	-0.8	-0.6	-0.5
	40	-1.1	-1.2	-1.1	-1.1	-1.0	-1.0	-1.0	-0.9	-0.9	-0.9	-0.7	-0.5	-0.5
	35	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-0.9	-0.9	-0.9	-0.7	-0.6	-0.5	-0.4
30	-1.1	-1.1	-1.0	-0.9	-0.9	-1.0	-0.8	-0.9	-0.8	-0.6	-0.5	-0.5	-0.6	
NORTH	25	-1.1	-1.1	-1.0	-0.9	-0.9	-0.9	-0.9	-0.8	-0.6	-0.6	-0.5	-0.4	-0.6
	20	-1.1	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9	-0.7	-0.6	-0.6	-0.4	-0.6	-0.7
	15	-1.0	-0.9	-0.9	-0.9	-0.8	-0.9	-0.8	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6
	10	-0.9	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6
	5	-0.9	-0.9	-0.8	-0.8	-0.9	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5
	31° 0'	-0.9	-0.9	-0.8	-0.9	-0.8	-0.7	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.5
	55	-0.8	-0.8	-0.8	-0.9	-0.7	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.5	-0.3
	50	-0.8	-0.8	-0.9	-0.8	-0.6	-0.6	-0.5	-0.5	-0.6	-0.6	-0.5	-0.4	-0.2
	45	-0.8	-0.9	-0.8	-0.7	-0.6	-0.5	-0.5	-0.7	-0.6	-0.6	-0.5	-0.2	-0.0
	40	-0.8	-0.9	-0.7	-0.6	-0.6	-0.5	-0.7	-0.7	-0.6	-0.5	-0.4	-0.2	-0.1
	35	-0.9	-0.8	-0.7	-0.6	-0.5	-0.5	-0.7	-0.6	-0.5	-0.4	-0.2	-0.0	-0.0
	30	-0.8	-0.7	-0.6	-0.5	-0.5	-0.7	-0.7	-0.6	-0.5	-0.2	-0.1	-0.1	0.2
	25	-0.7	-0.6	-0.6	-0.5	-0.5	-0.6	-0.7	-0.5	-0.4	-0.2	-0.0	0.1	0.3
	20	-0.7	-0.6	-0.5	-0.5	-0.7	-0.7	-0.6	-0.5	-0.2	-0.0	-0.1	0.3	0.4
	15	-0.6	-0.6	-0.5	-0.7	-0.7	-0.6	-0.5	-0.4	-0.1	-0.0	0.2	0.4	0.4
	10	-0.6	-0.5	-0.5	-0.6	-0.6	-0.6	-0.4	-0.2	0.0	0.0	0.3	0.4	0.5
	5	-0.5	-0.5	-0.6	-0.7	-0.6	-0.5	-0.3	-0.1	-0.0	0.2	0.4	0.5	0.5
	30° 0'	-0.5	-0.5	-0.6	-0.6	-0.5	-0.5	-0.2	0.0	0.1	0.3	0.4	0.5	0.6
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'
		LONGITUDE WEST												

9960-W

44W

9960-W

		LONGITUDE WEST													79°
		80°	55	50	45	40	35	30	25	20	15	10	5	0'	
		0'													
LATITUDE	33° 0'						-1.0		-1.0	-0.8	-0.6	-0.7	-0.7	-0.8	
	55						-0.9	-1.0	-0.8	-0.7	-0.7	-0.7	-0.7	-0.8	
	50					-0.9	-1.1	-0.9	-0.6	-0.6	-0.6	-0.8	-0.7	-0.8	
	45			-1.0	-0.9	-0.9	-1.0	-0.7	-0.6	-0.6	-0.6	-0.8	-0.7	-0.7	
	40		-1.1	-1.0	-0.9	-1.0	-0.8	-0.6	-0.6	-0.5	-0.8	-0.9	-0.7	-0.6	
	35	-1.1	-1.0	-0.9	-1.0	-0.9	-0.7	-0.6	-0.6	-0.5	-0.7	-0.8	-0.6	-0.4	
	30	-1.0	-0.9	-0.8	-0.9	-0.8	-0.6	-0.5	-0.5	-0.7	-0.8	-0.6	-0.6	-0.3	
	25	-1.0	-0.9	-1.0	-0.8	-0.6	-0.5	-0.5	-0.7	-0.7	-0.8	-0.6	-0.3	-0.2	
	20	-1.0	-1.0	-0.9	-0.7	-0.5	-0.5	-0.5	-0.6	-0.7	-0.7	-0.5	-0.3	-0.2	
	15	-0.9	-0.9	-0.7	-0.6	-0.5	-0.5	-0.7	-0.6	-0.7	-0.7	-0.3	-0.1	-0.0	
	10	-1.0	-0.8	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.6	-0.5	-0.2	-0.2	0.1	
	5	-0.8	-0.6	-0.5	-0.5	-0.4	-0.6	-0.6	-0.6	-0.5	-0.2	-0.1	0.1	0.3	
	32° 0'	-0.7	-0.5	-0.5	-0.5	-0.6	-0.7	-0.6	-0.6	-0.3	-0.1	-0.1	0.2	0.3	
	55	-0.6	-0.5	-0.5	-0.5	-0.6	-0.6	-0.5	-0.4	-0.3	-0.1	0.1	0.2	0.4	
	50	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.4	-0.3	-0.2	0.1	0.2	0.3	0.2	
	45	-0.5	-0.5	-0.6	-0.6	-0.6	-0.5	-0.3	-0.2	-0.2	0.2	0.3	0.3	0.3	
40	-0.5	-0.5	-0.6	-0.6	-0.5	-0.4	-0.2	-0.2	0.1	0.3	0.3	0.4	0.4		
35	-0.4	-0.6	-0.6	-0.6	-0.5	-0.2	-0.1	-0.2	0.2	0.3	0.3	0.5	0.5		
30	-0.6	-0.6	-0.6	-0.5	-0.4	-0.1	-0.2	0.1	0.3	0.3	0.4	0.5	0.6		
NORTH	25	-0.6	-0.6	-0.5	-0.4	-0.2	-0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	
	20	-0.7	-0.8	-0.5	-0.3	-0.1	-0.1	0.1	0.2	0.4	0.4	0.5	0.6	0.6	
	15	-0.8	-0.6	-0.4	-0.2	-0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.6	
	10	-0.6	-0.5	-0.2	-0.1	-0.1	0.2	0.2	0.4	0.5	0.6	0.7	0.8	0.8	
	5	-0.5	-0.3	-0.1	-0.1	0.2	0.3	0.3	0.4	0.5	0.7	0.7	0.8	0.8	
	31° 0'	-0.5	-0.2	-0.0	0.0	0.3	0.3	0.3	0.5	0.6	0.7	0.7	0.6	0.8	
	55	-0.3	-0.1	-0.1	0.2	0.3	0.3	0.3	0.6	0.7	0.7	0.8	0.7	0.8	
	50	-0.2	-0.0	0.1	0.3	0.3	0.4	0.4	0.6	0.7	0.7	0.7	0.7	1.0	
	45	-0.0	-0.1	0.2	0.3	0.4	0.4	0.6	0.7	0.7	0.7	0.7	0.7	1.0	
	40	-0.1	0.2	0.3	0.4	0.4	0.6	0.7	0.8	0.7	0.8	0.7	0.8	1.0	
	35	-0.0	0.3	0.4	0.4	0.5	0.5	0.8	0.8	0.8	0.8	0.6	1.0	1.0	
	30	0.2	0.4	0.4	0.5	0.5	0.6	0.8	0.8	0.8	0.9	0.8	1.0	1.0	
	25	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.8	1.0	1.0	
	20	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	
	15	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.9	0.8	1.0	1.0	
	10	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.8	1.0	0.9	0.9	1.0	1.0	
5	0.5	0.6	0.7	0.8	0.7	0.8	0.8	0.8	1.0	0.9	1.0	1.0	1.0		
30° 0'	0.6	0.7	0.8	0.8	0.7	0.9	0.9	1.0	1.0	0.9	1.0	1.0	1.0		
		80°	55	50	45	40	35	30	25	20	15	10	5	79°	
		0'												0'	
		LONGITUDE WEST													

9960-W

45W

		LONGITUDE WEST													
		79° 0'	55	50	45	40	35	30	25	20	15	10	5	78° 0'	
LATITUDE	33° 0'	-0.8	-0.8	-0.7	-0.6	-0.3	-0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.7	
	55	-0.8	-0.7	-0.6	-0.5	-0.2	0.0	0.3	0.4	0.5	0.7	0.8	0.7	0.7	
	50	-0.8	-0.7	-0.4	-0.3	-0.2	0.2	0.4	0.4	0.6	0.7	0.8	0.7	0.7	
	45	-0.7	-0.6	-0.4	-0.3	0.1	0.3	0.4	0.5	0.7	0.8	0.8	0.7	0.7	
	40	-0.6	-0.4	-0.3	-0.0	0.2	0.3	0.5	0.6	0.8	0.8	0.8	0.8	0.6	
	35	-0.4	-0.2	-0.3	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.9	0.8	0.9	
	30	-0.3	-0.2	-0.1	0.3	0.3	0.5	0.6	0.8	0.8	0.8	0.9	0.9	0.9	
	25	-0.2	-0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.9	0.9	0.9	0.9	
	20	-0.2	0.0	0.1	0.4	0.4	0.6	0.8	0.8	0.8	0.9	1.0	0.9	0.9	
	15	-0.0	0.1	0.2	0.4	0.5	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	
LATITUDE	10	0.1	0.2	0.4	0.5	0.6	0.8	0.8	0.8	0.9	1.0	0.9	0.9	0.8	
	5	0.3	0.2	0.4	0.5	0.7	0.8	0.8	0.8	0.8	1.0	0.9	0.9	0.8	
	32° 0'	0.3	0.3	0.5	0.6	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	0.9	
	55	0.4	0.3	0.6	0.7	0.8	0.8	0.8	0.8	1.0	1.0	0.9	0.9	0.9	
	50	0.2	0.4	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0	0.9	0.9	0.9	
	45	0.3	0.4	0.7	0.7	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.9	0.7	
	40	0.4	0.7	0.7	0.7	0.8	0.8	1.0	1.0	1.0	1.0	0.9	1.0	0.7	
	35	0.5	0.7	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.1	1.0	0.8	0.7	
	30	0.6	0.7	0.7	0.8	0.8	1.0	1.0	1.0	1.0	0.9	1.0	0.8	0.7	
	25	0.6	0.7	0.7	0.8	1.0	1.0	1.0	1.0	1.1	1.0	0.8	0.7	0.7	
NORTH	20	0.6	0.7	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.7	
	15	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.1	1.1	0.8	0.8	0.8	0.7	
	10	0.6	0.8	0.7	1.0	1.0	1.0	1.0	1.1	1.1	0.8	0.8	0.8	0.9	
	5	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.1	0.9	0.8	0.8	0.8	0.9	
	31° 0'	0.8	0.9	1.0	1.0	1.0	1.0	1.1	1.2	0.9	0.9	0.8	1.0	0.9	
	55	0.8	0.9	0.9	1.0	1.0	1.1	1.1	0.9	0.9	0.9	0.8	1.0	0.9	
	50	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	0.9	1.1	1.0	0.9	
	45	1.0	1.0	1.0	1.0	1.1	1.1	0.9	0.9	0.9	0.9	1.1	1.0	0.9	
	40	1.0	0.9	1.0	1.1	1.1	1.2	1.0	1.0	0.9	1.1	1.1	1.0	0.9	
	35	1.0	1.0	1.0	1.1	1.1	0.9	0.9	1.0	0.9	1.1	1.1	1.0	0.9	
NORTH	30	1.0	1.0	1.1	1.1	1.2	1.0	1.0	1.0	1.1	1.1	1.1	1.0	0.8	
	25	1.0	1.0	1.1	1.1	1.0	0.9	1.0	1.0	1.1	1.1	1.1	0.9	0.9	
	20	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.2	1.1	1.1	1.0	0.9	0.9	
	15	1.0	1.1	1.2	0.9	0.9	1.0	1.0	1.2	1.1	1.1	1.0	0.9	0.9	
	10	1.0	1.1	1.2	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.0	0.9	1.0	
	5	1.0	1.2	1.0	0.9	1.0	1.0	1.2	1.2	1.1	1.1	1.0	0.9	1.0	
	30° 0'	1.0	1.2	1.0	1.0	1.0	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	
			79° 0'	55	50	45	40	35	30	25	20	15	10	5	78° 0'
			LONGITUDE WEST												

9960-W

46W		9960-W												
		LONGITUDE WEST												77°
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	0'
LATITUDE	33° 0'	0.7	0.7	0.6	0.8	0.8	0.7	0.6	0.8	0.8	0.6	0.5	0.5	0.7
	55	0.7	0.7	0.7	0.8	0.8	0.6	0.6	0.8	0.6	0.8	0.5	0.8	0.7
	50	0.7	0.6	0.7	0.8	0.8	0.6	0.6	0.6	0.8	0.6	0.5	0.7	0.7
	45	0.7	0.8	0.7	0.8	0.8	0.6	0.7	0.8	0.6	0.6	0.7	0.7	0.7
	40	0.6	0.8	0.7	0.8	0.8	0.7	0.5	0.6	0.6	0.6	0.7	0.7	0.7
	35	0.9	0.8	0.7	0.8	0.8	0.7	0.5	0.6	0.6	0.8	0.7	0.7	0.7
	30	0.9	0.7	0.7	0.9	0.9	0.5	0.5	0.6	0.6	0.8	0.7	0.7	0.6
	25	0.9	0.8	0.7	0.8	0.9	0.5	0.5	0.6	0.9	0.8	0.7	0.7	0.7
	20	0.9	0.7	0.8	0.9	0.6	0.5	0.5	0.9	0.9	0.8	0.7	0.7	0.7
	15	0.9	0.7	0.8	0.9	0.6	0.5	0.5	0.9	0.9	0.8	0.7	0.7	0.7
	10	0.8	0.8	0.8	0.7	0.6	0.5	0.7	0.9	0.9	0.8	0.6	0.7	0.8
	5	0.8	0.8	0.8	0.7	0.6	0.5	0.7	0.9	0.8	0.8	0.7	0.8	0.8
	32° 0'	0.9	0.8	0.7	0.7	0.6	0.7	0.7	0.9	0.8	0.8	0.8	0.8	0.9
	55	0.9	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.8	0.8	0.8	0.8	1.0
	50	0.9	0.6	0.7	0.7	0.9	0.7	0.8	0.9	0.8	0.8	0.9	1.0	1.0
	45	0.7	0.6	0.7	0.7	0.8	0.8	0.7	0.9	0.8	0.9	0.9	1.0	1.0
40	0.7	0.6	0.7	1.0	0.8	0.8	0.9	0.8	0.9	0.9	1.0	1.1	1.1	
35	0.7	0.6	0.8	1.0	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	
30	0.7	0.6	1.0	1.0	0.8	0.8	0.8	0.9	1.0	1.1	1.1	1.1	1.1	
NORTH	25	0.7	0.7	1.0	1.0	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1
	20	0.7	0.9	1.0	1.0	0.8	0.7	0.9	1.0	1.1	1.2	1.1	1.1	1.2
	15	0.7	0.9	1.0	1.0	0.8	0.7	0.9	1.0	1.1	1.2	1.1	1.1	1.3
	10	0.9	0.9	1.0	0.9	0.7	0.7	1.0	1.1	1.2	1.2	1.1	1.3	1.3
	5	0.9	0.9	1.0	0.9	0.8	0.8	1.0	1.2	1.2	1.2	1.1	1.3	1.3
	31° 0'	0.9	1.0	1.0	0.9	0.8	0.8	1.1	1.2	1.2	1.2	1.2	1.3	1.3
	55	0.9	1.0	1.0	0.9	0.8	0.9	1.2	1.2	1.2	1.1	1.3	1.3	1.3
	50	0.9	1.0	0.9	0.9	0.9	1.0	1.2	1.2	1.2	1.2	1.3	1.4	1.3
	45	0.9	1.0	1.0	0.9	0.9	1.0	1.2	1.2	1.3	1.3	1.4	1.4	1.4
	40	0.9	0.9	1.0	1.0	1.0	1.1	1.2	1.3	1.3	1.3	1.4	1.4	1.4
	35	0.9	1.0	1.0	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.4	1.4	1.4
	30	0.8	1.0	1.1	1.2	1.1	1.1	1.3	1.3	1.5	1.4	1.4	1.4	1.4
	25	0.9	1.0	1.1	1.1	1.1	1.1	1.3	1.5	1.5	1.4	1.4	1.4	1.4
	20	0.9	1.1	1.2	1.1	1.1	1.1	1.3	1.5	1.5	1.5	1.4	1.5	1.4
	15	0.9	1.1	1.3	1.1	1.1	1.2	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	10	1.0	1.1	1.3	1.1	1.1	1.2	1.5	1.5	1.5	1.5	1.4	1.4	1.4
5	1.0	1.3	1.3	1.1	1.2	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	
30° 0'	1.0	1.3	1.3	1.2	1.2	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
		LONGITUDE WEST												