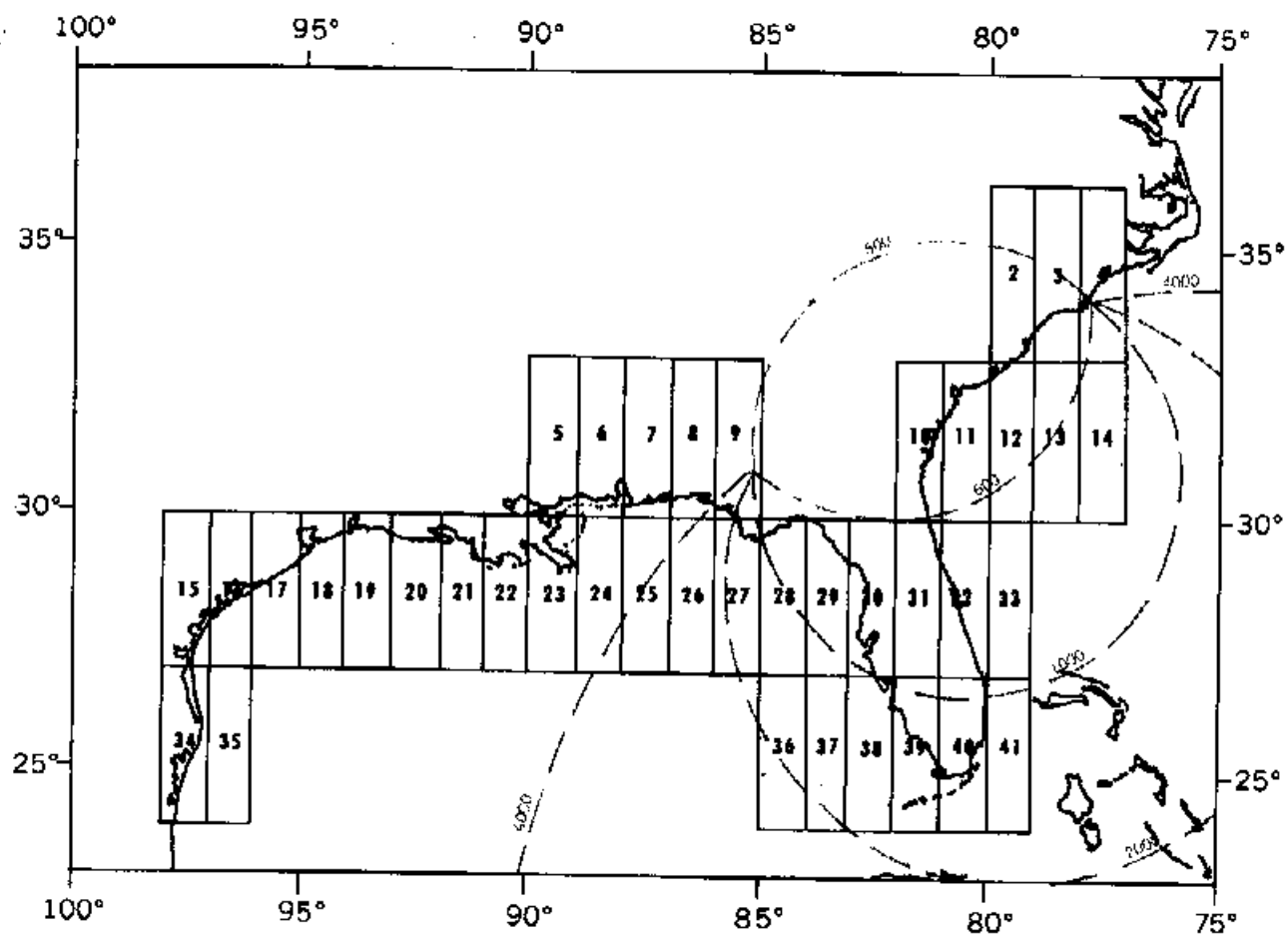


PAGE INDEX FOR SECONDARY PHASE CORRECTIONS FOR 7980-Z



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.

		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										3.3	3.2	3.1	3.1
	30									3.2	3.2	3.1	3.1	3.1
	25							3.3	3.2	3.1	3.1	3.1	2.9	2.8
	20					3.3	3.2	3.2	3.1	3.0	2.9	2.8	2.3	2.3
	15				3.2	3.2	3.1	2.9	2.8	2.3	2.3	2.2	2.2	2.1
	10				3.1	2.9	2.6	2.3	2.2	2.2	2.2	2.2	2.1	2.1
	5			3.0	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1
34° 0'			2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
55	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
50	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	
45	1.9	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	
40	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	
35	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	
30	1.9	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
25	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	
20	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	
15	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
10	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
5	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
33° 0'	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	
		78° 0'	55	50	45	40	35	30	25	20	15	10	5	77° 0'
		LONGITUDE WEST												

5

		LONGITUDE WEST												
		90° 0'	55	50	45	40	35	30	25	20	15	10	5	89° 0'
LATITUDE NORTH	33° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	32° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
31° 0'														
55														
50														
45														
40														
35														
30														
25														
20														
15														
10														
5														
30° 0'														
						</								

		LONGITUDE WEST												
		89° 0'	55	50	45	40	35	30	25	20	15	10	5	88° 0'
LATITUDE NORTH	33° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	32° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
20														
15														
10														
5														
31° 0'														
55														
50														
45														
40													-1.8	
35													-1.7	
30												-1.7	-1.8	
25													-1.6	-1.5
20	-1.9	-1.8	-1.8	-1.9	-1.7	-1.8		-1.8	-1.5	-1.5		-1.6	-1.5	
15	-2.0	-1.9	-1.9	-1.9	-1.8	-1.9	-1.6	-1.7	-1.6	-1.6		-1.5	-1.5	
10	-1.9	-1.9	-1.9	-2.0	-1.8	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	
5	-2.0	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.6	-1.7	-1.7	-1.6	
30° 0'	-1.6	-1.7		-1.6	-1.6	-1.6	-1.7	-1.7	-1.8	-1.6	-1.6	-1.5	-1.4	
		89° 0'	55	50	45	40	35	30	25	20	15	10	5	88° 0'
		LONGITUDE WEST												

LONGITUDE WEST

8

7980-2

		LONGITUDE WEST												
		87° 0'	55	50	45	40	35	30	25	20	15	10	5	86° 0'
LATITUDE NORTH	33° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
	32° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
31° 0'														
55														
50														
45														
40														
35	-1.5													
30														
25	-1.4						-1.4	-1.4	-1.4	-1.5		-2.3		
20	-1.5	-1.5	-1.4	-1.4	-1.4	-1.5	-1.5	-1.2	-2.2	-2.3				
15	-1.5	-1.4	-1.4	-1.5	-1.5	-1.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.4	-2.4	
10	-1.4	-1.4	-1.4	-1.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.4	-2.4	-2.3	
5	-1.4	-1.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.4	-2.3	-2.4	
30° 0'	-2.2	-2.2	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.4	-2.3	-2.3	-2.4	-2.2	-2.2
		87° 0'	55	50	45	40	35	30	25	20	15	10	5	86° 0'
		LONGITUDE WEST												

10

7980-2

		LONGITUDE WEST												
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
33° 0'														
	55													
	50													
	45													
	40													
	35													
	30													
	25													
	20													
	15													
	10													
	5													
L 32° 0'														
A	55												1.8	2.0
T	50												2.0	1.9
I	45												2.0	1.9
T	40												2.0	1.9
U	35												2.0	1.9
D	30											2.1	2.0	2.0
E														
	25										2.2	2.0	1.9	1.9
	20										2.0	1.9	1.9	1.9
	15										2.0	1.9	1.9	1.8
	10									2.0	1.9	1.9	1.8	1.8
	5									1.9	1.8	1.8	1.8	1.7
N 31° 0'									1.9	1.8	1.8	1.7	1.7	1.7
H														
	55									1.8	1.7	1.7	1.7	1.7
	50									1.8	1.7	1.7	1.7	1.6
	45									1.8	1.7	1.7	1.7	1.6
	40									1.8	1.8	1.7	1.7	1.6
	35									1.8	1.8	1.7	1.7	1.7
	30									1.9	1.8	1.8	1.7	1.7
	25									1.9	1.8	1.8	1.7	1.7
	20									1.8	1.8	1.8	1.7	1.7
	15									1.9	1.9	1.8	1.8	1.7
	10									2.0	1.9	1.9	1.8	1.8
	5									2.0	1.9	1.9	1.9	1.8
30° 0'											1.9	1.9	1.9	1.8
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
		LONGITUDE WEST												

		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												1.6	1.8
	30						1.2	1.3	1.2		1.5	1.7	1.9	1.9
	25								1.6	1.6	1.9	1.9	1.9	1.8
	20				1.3				1.8	1.8	1.8	1.8	1.8	1.8
	15					1.4	1.6	1.8	1.8	1.8	1.7	1.7	1.7	1.7
	10					1.6	1.8	1.8	1.7	1.7	1.7	1.7	1.9	1.9
	5			1.5	1.7	1.8	1.8	2.0	1.9	1.9	1.9	1.8	1.8	1.8
	32° 0'			2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
	55		2.1	2.0	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7
	50	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
	45	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.8
	40	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8
	35	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8
30	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	
NORTH	25	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
	20	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
	15	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	10	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
	31° 0'	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	55	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	50	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	45	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	40	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	35	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	30	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	25	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	20	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	15	1.7	1.7	1.7	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	1.7	1.7	1.7	1.7
	5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7
	30° 0'	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'
		LONGITUDE WEST												

12

7980-Z

		LONGITUDE WEST												
		80° 0'	55	50	45	40	35	30	25	20	15	10	5	79° 0'
LATITUDE	33° 0'						1.9		2.1	2.2	2.1	2.0	2.0	2.0
	55						2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9
	50					2.1	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.8
	45			1.9	2.1	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8
	40		2.1	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.7
	35	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
	30	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7
	25	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7
	20	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.8	1.8	1.9	1.9
	15	1.7	1.7	1.7	1.7	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	10	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8
	5	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8
	32° 0'	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
	55	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.7
	50	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7
	45	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7
40	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	
35	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	
30	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	
NORTH	25	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.8	1.7	1.7	1.7	1.6	1.6
	20	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	15	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
	10	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
	5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5
	31° 0'	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
	55	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4
	50	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	45	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	40	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	35	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4
	30	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	25	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	20	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	15	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	10	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
5	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	
30° 0'	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	
		80° 0'	55	50	45	40	35	30	25	20	15	10	5	79° 0'
		LONGITUDE WEST												

[illegible]

20

7580-2

		LONGITUDE WEST												
		93° 0'	55	50	45	40	35	30	25	20	15	10	5	92° 0'
LATITUDE	30° 0'													
	55													
	50													
	45											-2.2	-2.5	-2.5
	40	-2.8	-3.1										-1.9	-2.0
	35	-2.4	-2.4	-2.5	-2.5	-2.4							-1.7	
	30	-2.4	-2.4	-2.3	-2.6	-2.6	-2.6	-1.9	-1.9	-1.8	-1.7	-1.8	-2.1	-2.1
	25	-2.4	-2.7	-2.7	-2.0	-2.0	-1.8	-1.8	-1.9	-2.1	-2.1	-2.2	-2.2	-2.2
	20	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3
	15	-1.9	-1.9	-1.9	-2.2	-2.2	-2.2	-2.3	-2.2	-2.3	-2.3	-2.3	-2.2	-2.1
	10	-2.0	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.1	-2.1
	5	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.1	-2.2	-2.1	-2.1	-2.1	-2.0
	29° 0'	-2.3	-2.3	-2.3	-2.3	-2.2	-2.1	-2.2	-2.2	-2.1	-2.0	-2.0	-2.0	-2.0
	55	-2.3	-2.3	-2.2	-2.2	-2.2	-2.1	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-1.9
	50	-2.2	-2.2	-2.2	-2.2	-2.1	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-2.0	-2.0
	45	-2.2	-2.1	-2.1	-2.1	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.2
	40	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.2	-1.9	-1.9	-1.9
	35	-2.0	-2.0	-2.0	-2.0	-2.0	-2.1	-2.1	-2.3	-1.9	-1.9	-1.9	-1.9	-1.9
	30	-2.0	-2.1	-2.0	-2.1	-2.1	-2.2	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8
	25	-2.1	-2.1	-2.2	-2.2	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8
	20	-2.1	-2.2	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
	15	-1.9	-1.9	-2.0	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
	10	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7
	5	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6
28° 0'	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.6	-1.7	
55	-1.8	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.6	-1.7	-1.7	-1.6	
50	-1.8	-1.8	-1.8	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	
45	-1.8	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	
40	-1.7	-1.7	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	
35	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.4	-1.5	
30	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.4	-1.4	-1.5	-1.4	
25	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.5	-1.5	-1.4	-1.2	
20	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.2	-2.2	
15	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.2	-1.2	-2.2	-2.2	
10	-1.5	-1.4	-1.4	-1.4	-1.5	-1.4	-1.2	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	
5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	
27° 0'	-1.4	-1.4	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	
		93° 0'	55	50	45	40	35	30	25	20	15	10	5	92° 0'
		LONGITUDE WEST												

7980-2

		LONGITUDE WEST													91°	
		92°														0'
		0'	55	50	45	40	35	30	25	20	15	10	5			
LATITUDE	30° 0'															
	55															
	50															
	45	-2.5	-1.8				-1.8									
	40	-2.0	-1.9	-1.8	-1.8	-2.0										
	35				-2.1	-2.2	-2.2				-2.0					
	30	-2.1	-2.2		-2.2	-2.1	-2.2	-2.2	-2.1							
	25	-2.2	-2.2	-2.2	-2.2	-2.1	-2.1	-2.2	-2.1	-2.0	-1.9					
	20	-2.3	-2.3	-2.2	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-1.9	-2.0				
	15	-2.1	-2.2	-2.1	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9					
	10	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.8	-1.8	-1.8	-2.0			
	5	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.8	-1.9	-1.9	-1.9	-2.1	-1.7	-1.8	-1.9	
	29° 0'	-2.0	-1.9	-1.9	-1.9	-1.9	-1.9	-2.1	-1.8	-1.8	-1.8	-1.9	-1.9	-1.8	-1.8	
	55	-1.9	-1.9	-2.0	-2.0	-2.1	-1.8	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.7
	50	-2.0	-2.0	-2.2	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7
	45	-2.2	-1.9	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.8	-1.8
40	-1.9	-1.9	-1.9	-1.9	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.8	-1.7	-1.7	-1.7	-1.7	
35	-1.9	-1.8	-1.8	-1.8	-1.7	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	
30	-1.8	-1.7	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7	
NORTH	25	-1.8	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.6	-1.6
	20	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5
	15	-1.8	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.5	-1.4	-1.4
	10	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.5	-1.5
	5	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.5	-1.5	-1.2
	28° 0'	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.5	-1.5	-1.5	
	55	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	-1.2	-1.2	-1.2	-1.2
	50	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2
	45	-1.5	-1.5	-1.5	-1.4	-1.4	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
	40	-1.5	-1.5	-1.5	-1.4	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3
	35	-1.5	-1.5	-1.4	-1.2	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3
	30	-1.4	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3
	25	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3
	20	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2
	15	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2
	10	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2
5	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2	-2.2	-1.5	-2.0	
27° 0'	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	
		92°														91°
		0'	55	50	45	40	35	30	25	20	15	10	5			0'
LONGITUDE WEST																

22

7980-2

		LONGITUDE WEST												
		91° 0'	55	50	45	40	35	30	25	20	15	10	5	90° 0'
LATITUDE	30° 0'													
	55													
	50													
	45													
	40													
	35													
	30													
	25													-1.8
	20													
	15						-1.8	-1.8		-1.7			-1.7	-1.7
	10						-1.7	-1.7	-1.7	-1.7				-1.6
	5	-1.9	-1.8		-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6
	29° 0'	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6
	55	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
	50	-1.7	-1.7	-1.8	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
45	-1.8	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	
40	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.5	
35	-1.6	-1.6	-1.7	-1.7	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.5	-1.5	
30	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.5	-1.5	-1.5	-1.2	
NORTH	25	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.5	-1.4	-1.5	-1.4	-1.2	-1.2	-2.2
	20	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2
	15	-1.5	-1.4	-1.4	-1.5	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.3
	10	-1.4	-1.5	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3
	5	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.2	-2.3	-2.3
	28° 0'	-1.2	-1.2	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3
	55	-1.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2
	50	-2.2	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2
	45	-2.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2
	40	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0
	35	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.2	-2.0	-2.0	-2.0	-2.0
	30	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0
	25	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
	20	-2.2	-2.2	-2.2	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9
	15	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.8
10	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-2.0	-1.9	-1.9	-1.8	-1.7	
5	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.8	-1.7	-1.7	-1.7	
27° 0'	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	
		91° 0'	55	50	45	40	35	30	25	20	15	10	5	90° 0'
		LONGITUDE WEST												

7980-2

		LONGITUDE WEST												
		90° 0'	55	50	45	40	35	30	25	20	15	10	5	89° 0'
LATITUDE	30° 0'			-2.1	-2.0	-2.0	-1.9					-2.0	-1.6	-1.6
	55					-2.0						-1.7	-1.6	-1.6
	50											-1.6	-1.6	-1.7
	45								-1.7	-1.7	-1.7	-1.8	-1.7	
	40							-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	
	35					-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	
	30						-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	
	25	-1.8	-1.7					-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	
	20		-1.7	-1.7						-1.6	-1.6	-1.6	-1.6	
	15	-1.7	-1.7	-1.7	-1.6	-1.6						-1.5	-1.5	
	10	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6					-1.5	
	5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.4	-1.4	-1.4		-1.4	
	29° 0'	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.5		-1.4		-1.2	-1.2
	55	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4		-1.5	-1.2	-1.2	-2.2	-2.3
	50	-1.6	-1.5	-1.5	-1.4	-1.4	-1.5	-1.5	-1.2	-1.2	-2.2	-2.3	-2.2	-2.2
	45	-1.5	-1.4	-1.4	-1.5	-1.5	-1.2	-1.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3
40	-1.5	-1.5	-1.5	-1.2	-1.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.2	-2.3	-2.3	
35	-1.5	-1.2	-1.2	-1.2	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	
30	-1.2	-1.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	
NORTH	25	-2.2	-2.2	-2.2	-2.2	-2.3	-2.2	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2
	20	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.0
	15	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0
	10	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0
	5	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
	28° 0'	-2.3	-2.3	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
	55	-2.2	-2.2	-2.3	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9
	50	-2.2	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.7
	45	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.9	-1.8	-1.7	-1.7
	40	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7
	35	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7
	30	-2.0	-2.0	-2.0	-1.9	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6
	25	-2.0	-2.0	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6
	20	-1.9	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6
	15	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6
	10	-1.7	-1.7	-1.7	-1.7	-1.7	-1.5	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6
5	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.5	-1.6	-1.6	-1.6	-1.6	-1.6	
27° 0'	-1.7	-1.7	-1.5	-1.5	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	
		90° 0'	55	50	45	40	35	30	25	20	15	10	5	89° 0'
		LONGITUDE WEST												

24

7980-2

		LONGITUDE WEST													
		89° 0'	55	50	45	40	35	30	25	20	15	10	5	88° 0'	
LATITUDE	30° 0'	-1.6	-1.7		-1.6	-1.6	-1.6	-1.7	-1.7	-1.8	-1.6	-1.6	-1.5	-1.4	
	55	-1.6	-1.6	-1.6	-1.6	-1.7	-1.8	-1.7	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	
	50	-1.7	-1.7		-1.7	-1.7	-1.6	-1.6	-1.5	-1.5	-1.6	-1.6	-1.6	-1.6	
	45	-1.7	-1.7	-1.7	-1.6	-1.6	-1.5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	
	40	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	
	35	-1.6	-1.5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	
	30	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.6	-1.5	-1.5	-1.5	-1.4	-1.2	-2.2	
	25	-1.6	-1.6	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5	-1.4	-1.2	-2.3	-2.2	-2.3	
	20	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.2	-1.2	-2.2	-2.3	-2.3	-2.2	
	15	-1.5	-1.5	-1.5	-1.5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.3	-2.2	-2.2	-2.3	
	10	-1.5	-1.5	-1.5	-1.2	-1.2	-2.2	-2.2	-2.3	-2.2	-2.2	-2.3	-2.3	-2.3	
	5	-1.4	-1.2	-1.2	-2.2	-2.2	-2.3	-2.3	-2.2	-2.3	-2.3	-2.3	-2.3	-2.2	
	29° 0'	-1.2	-2.2	-2.2	-2.3	-2.3	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2
	55	-2.3	-2.3	-2.3	-2.3	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.0
	50	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.2	-2.3	-1.5	-2.0	-2.0
	45	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.0	-2.0	-2.0	-2.0	-2.0
	40	-2.3	-2.3	-2.3	-2.3	-2.2	-2.2	-2.3	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
	35	-2.3	-2.3	-2.2	-2.3	-2.3	-2.1	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0
	30	-2.2	-2.2	-2.3	-2.2	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8
	25	-2.2	-2.2	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.7
	20	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.7	-1.7	-1.7
	15	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7
	10	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6
	5	-2.0	-2.0	-2.0	-2.0	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6
	28° 0'	-2.0	-2.0	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7
55	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.6	
50	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.8	-1.6	-1.6	-1.6	-1.7	-1.6	-1.7	-1.6	
45	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	
40	-1.7	-1.7	-1.6	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	
35	-1.7	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	
30	-1.6	-1.6	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	
25	-1.6	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	
20	-1.7	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	
15	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.4	-1.4	-1.3	
10	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.3	-1.3	
5	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.4	-1.4	-1.3	-1.3	-1.3	
27° 0'	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.4	-1.4	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3	
		89° 0'	55	50	45	40	35	30	25	20	15	10	5	88° 0'	
		LONGITUDE WEST													

26

7960-2

		LONGITUDE WEST												
		87° 0'	55	50	45	40	35	30	25	20	15	10	5	86° 0'
LATITUDE	30° 0'	-2.2	-2.2	-2.3	-2.3	-2.3	-2.4	-2.4	-2.4	-2.3	-2.3	-2.4	-2.2	-2.2
	55	-2.2	-2.2	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.4	-1.6	-2.2	-2.2	-2.1
	50	-2.2	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.3	-2.1	-2.1	-2.2	-2.1	-2.1
	45	-2.3	-2.3	-2.3	-2.2	-2.3	-2.3	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1	-2.1
	40	-2.3	-2.2	-2.2	-2.3	-2.1	-2.1	-2.0	-2.1	-2.1	-2.1	-2.0	-1.9	-1.9
	35	-2.2	-2.3	-2.0	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.8	-1.9
	30	-1.5	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.8	-1.9	-1.6
	25	-2.0	-2.0	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.7	-1.7	-1.7	-1.7	-1.6
	20	-2.0	-2.0	-2.0	-2.0	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.7	-1.6	-1.7
	15	-2.0	-2.0	-1.9	-1.8	-1.8	-1.7	-1.7	-1.7	-1.6	-1.7	-1.8	-1.7	-1.7
	10	-1.9	-1.8	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.8	-1.8	-1.7	-1.7	-1.7
	5	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.8	-1.7	-1.7	-1.6	-1.6
	29° 0'	-1.7	-1.7	-1.7	-1.6	-1.6	-1.6	-1.7	-1.8	-1.8	-1.6	-1.6	-1.6	-1.6
	55	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.8	-1.6	-1.6	-1.6	-1.5	-1.5
	50	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.5	-1.4	-1.4
	45	-1.6	-1.7	-1.7	-1.7	-1.7	-1.6	-1.7	-1.6	-1.6	-1.5	-1.4	-1.4	-1.3
40	-1.7	-1.7	-1.7	-1.7	-1.6	-1.7	-1.7	-1.5	-1.4	-1.4	-1.4	-1.3	-1.2	
35	-1.7	-1.6	-1.7	-1.6	-1.7	-1.7	-1.5	-1.4	-1.4	-1.3	-1.3	-1.2	-1.2	
30	-1.6	-1.7	-1.6	-1.6	-1.7	-1.6	-1.4	-1.3	-1.3	-1.3	-1.2	-1.3	-1.2	
NORTH	25	-1.6	-1.7	-1.6	-1.6	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2
	20	-1.6	-1.6	-1.5	-1.6	-1.4	-1.4	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2	-1.1
	15	-1.6	-1.5	-1.6	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2	-1.1	-1.1
	10	-1.5	-1.5	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2	-1.1	-1.1	-1.0
	5	-1.4	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9
	28° 0'	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9	-0.7
	55	-1.4	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.8	-0.7	-0.6
	50	-1.4	-1.3	-1.3	-1.2	-1.2	-1.1	-1.1	-1.0	-1.0	-0.8	-0.7	-0.6	-0.6
	45	-1.4	-1.3	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6
	40	-1.3	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6
	35	-1.2	-1.1	-1.1	-1.0	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.5
	30	-1.1	-1.1	-1.0	-0.9	-0.9	-0.7	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5
	25	-1.1	-1.0	-0.9	-0.8	-0.7	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5
	20	-1.0	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5
	15	-0.9	-0.8	-0.7	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4
	10	-0.7	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4
5	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	
27° 0'	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	
		87° 0'	55	50	45	40	35	30	25	20	15	10	5	86° 0'
		LONGITUDE WEST												

7980-2

		LONGITUDE WEST													85°		
		86°														0'	
		0'	55	50	45	40	35	30	25	20	15	10	5				
LATITUDE	30° 0'	-2.2	-2.1	-2.2	-2.3	-2.1	-2.2										
	55	-2.1	-2.2	-2.3	-2.1	-1.9	-1.9	-1.9	-1.8								
	50	-2.1	-2.2	-2.0	-1.9	-1.9	-1.8	-1.8		-1.7							
	45	-2.1	-2.0	-1.8	-1.8	-1.8	-1.7	-1.7	-1.7	-1.8							
	40	-1.9	-1.8	-1.8	-1.8	-1.7	-1.7	-1.8	-1.8	-1.8	-1.7			-1.7	-1.4		
	35	-1.9	-1.7	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.3		
	30	-1.6	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.6	-1.5	-1.4	-1.4	-1.2		
	25	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.7	-1.6	-1.5	-1.4	-1.3	-1.3	-1.3	-1.2		
	20	-1.7	-1.7	-1.7	-1.7	-1.6	-1.7	-1.6	-1.5	-1.3	-1.3	-1.2	-1.2	-1.2	-1.2		
	15	-1.7	-1.7	-1.7	-1.6	-1.6	-1.5	-1.5	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.1		
	10	-1.7	-1.6	-1.7	-1.6	-1.5	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0		
	5	-1.6	-1.6	-1.6	-1.5	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9		
	29° 0'	-1.6	-1.5	-1.4	-1.4	-1.3	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9	-0.8		
	55	-1.5	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9	-0.8	-0.7		
	50	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.2	-1.1	-1.0	-1.0	-0.9	-0.8	-0.6	-0.6		
	45	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.0	-0.9	-0.9	-0.8	-0.6	-0.5	-0.5		
40	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.4	-0.4			
35	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.4	-0.3	-0.3			
30	-1.2	-1.2	-1.2	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.5	-0.4	-0.3	-0.3			
NORTH	25	-1.2	-1.2	-1.1	-1.0	-0.9	-0.8	-0.7	-0.6	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4		
	20	-1.1	-1.1	-1.0	-0.9	-0.8	-0.6	-0.6	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4		
	15	-1.1	-0.9	-0.9	-0.8	-0.6	-0.6	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3		
	10	-1.0	-0.9	-0.8	-0.6	-0.6	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3		
	5	-0.9	-0.7	-0.7	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3		
	28° 0'	-0.7	-0.7	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3		
	55	-0.6	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3		
	50	-0.6	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2		
	45	-0.6	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2		
	40	-0.6	-0.5	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2		
	35	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2		
	30	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2		
	25	-0.5	-0.5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		
	20	-0.5	-0.4	-0.4	-0.4	-0.4	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		
	15	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		
	10	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2		
5	-0.4	-0.4	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1			
27° 0'	-0.4	-0.3	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1			

86°

0'

55

50

45

40

35

30

25

20

15

10

5

85°

0'

LONGITUDE WEST

7980-2

		LONGITUDE WEST													83°
		84°													0'
		0'	55	50	45	40	35	30	25	20	15	10	5		
LATITUDE	30° 0'	-1.1	-1.0												
	55	-1.0	-0.9	-0.9	-0.6										
	50	-0.9	-0.9	-0.8	-0.6	-0.4									
	45	-0.8	-0.8	-0.6	-0.5	-0.4	-0.5								
	40	-0.7	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4							
	35	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3						
	30	-0.3	-0.4	-0.4	-0.3	-0.3	-0.3	-0.4	-0.4						
	25	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.0				
	20	-0.3	-0.2	-0.3	-0.2	-0.2	-0.3	-0.3	-0.3	-0.2	-0.2				
	15	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
	10	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3	-0.1
	5	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.3	-0.1
	29° 0'	-0.2	-0.2	-0.2	-0.1	-0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1
	55	-0.1	-0.2	-0.1	-0.1	-0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1
	50	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	-0.1
	45	-0.0	-0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	-0.0	-0.0	-0.0
40	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	0.0	-0.0	0.0	0.0	0.0	
35	0.0	0.0	-0.0	-0.1	-0.1	-0.1	-0.0	0.0	0.0	-0.0	0.0	0.0	0.0	-0.0	
30	0.0	-0.0	-0.0	-0.0	-0.1	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	
NORTH	25	0.0	0.0	0.0	-0.0	-0.0	-0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1	-0.1
	20	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	-0.0	-0.0	-0.1
	15	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0	-0.0
	10	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	-0.0	-0.0	-0.0	-0.0	-0.0
	5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	-0.1	-0.0	-0.0	-0.0	-0.0	0.1
	28° 0'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	-0.0	-0.0	-0.0	-0.0	0.0	0.0
	55	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	-0.0	-0.0	0.0	0.0	0.0	-0.1
	50	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.1	-0.0	-0.1	-0.1	-0.2
	45	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	-0.0	0.0	-0.1	-0.2	-0.2	-0.4
	40	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	-0.0	-0.2	-0.2	-0.2	-0.5
	35	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	-0.4	-0.4	-0.4
	30	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	-0.0	-0.1	-0.3	-0.4	-0.4	-0.4
	25	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.0	-0.1	-0.3	-0.3	-0.3	-0.3	-0.3
	20	0.2	0.1	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	-0.3	-0.3	-0.2	-0.2	-0.3
	15	0.1	0.1	0.1	0.1	0.2	0.1	-0.0	-0.1	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2
	10	0.1	0.1	0.1	0.2	0.1	0.0	-0.0	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2
5	0.2	0.2	0.2	0.2	0.1	-0.0	-0.0	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	
27° 0'	0.2	0.2	0.2	0.1	0.0	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.2	
		84°													83°
		0'	55	50	45	40	35	30	25	20	15	10	5		0'
		LONGITUDE WEST													

[illegible]

38

7980-Z

		LONGITUDE WEST													
		83° 0'	55	50	45	40	35	30	25	20	15	10	5	82° 0'	
LATITUDE	27° 0'	-0.2	-0.4	-0.3	-0.1	-0.1	-0.1	-0.1	-0.3						
	55	-0.2	-0.3	-0.2	-0.1	-0.0	-0.1	-0.1	-0.2			0.6			
	50	-0.3	-0.2	-0.1	-0.0	0.0	-0.1	-0.1	-0.1	-0.2			0.6		
	45	-0.3	-0.1	0.0	0.0	0.0	-0.0	-0.1	-0.1	-0.1	0.2	0.7	0.6		
	40	-0.1	0.0	0.1	0.0	0.0	-0.0	-0.0	-0.0	0.0		0.5	0.5		
	35	-0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.5		
	30	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.2			
	25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.4	
	20	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.0	0.1	0.1	
	15	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2	
LATITUDE	10	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.2	0.1	0.2	
	5	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	
	0'	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.3	
	55	0.1	0.1	0.1	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	
	50	0.1	0.1	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.3	0.3	0.3	
	45	0.1	0.2	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	
	40	0.1	0.2	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	
	35	0.2	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	
	30	0.2	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.4	0.3	0.3	
	NORTH	25	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.3
20		0.3	0.4	0.4	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	
15		0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	
10		0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	
5		0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	
0'		0.4	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
55		0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
50		0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	
45		0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	
40		0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	
NORTH	35	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	
	30	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	
	25	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	
	20	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	
	15	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	
	10	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	
	5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
	0'	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	
	24° 0'														
			83° 0'	55	50	45	40	35	30	25	20	15	10	5	82° 0'
		LONGITUDE WEST													

		LONGITUDE WEST												
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
LATITUDE	27° 0'													
	55													
	50													
	45													
	40													
	35		0.8											
	30													
	25	0.4	0.6											
	20	0.1	0.6											
	15	0.2	0.5	0.6										
	10	0.2	0.3	0.5										
	5	0.3	0.3	0.2										
	26° 0'	0.3	0.3	0.2										
	55	0.3	0.2	0.2	0.2									
	50	0.3	0.2	0.2	0.2	0.3	0.7	0.9						
45	0.3	0.2	0.2	0.2	0.3	0.5	0.7	0.9	0.9					
40	0.3	0.2	0.2	0.2	0.3	0.3	0.7	0.8	0.9					
35	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.7	0.9	0.9				
30	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.6	0.7	0.9				
NORTH	25	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.8	0.9		
	20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.7	0.9	0.9	
	15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6		
	10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6		
	5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.9
	25° 0'	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.7
	55	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6
	50	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5
	45	0.4	0.4	0.4	0.4	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3
	40	0.4	0.4	0.4	0.4	0.3	0.3					0.3	0.3	0.3
	35	0.4	0.4	0.4	0.4		0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
	30	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
	25	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3
	20	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
	15	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3
10	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	
5	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.3	
24° 0'	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	
		82° 0'	55	50	45	40	35	30	25	20	15	10	5	81° 0'
		LONGITUDE WEST												

		LONGITUDE WEST														
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'		
LATITUDE	27° 0'													1.7	1.7	
	55														1.7	
	50														1.7	
	45														1.5	
	40														1.5	
	35														1.5	
	30														1.4	
	25														1.3	
	20														1.3	
	15													1.3	1.3	
	10													1.3	1.2	
	5													1.3	1.2	
	26° 0'													1.3	1.2	
	55													1.2	1.2	
	50													1.2	1.2	
	45													1.0	1.1	
	40												0.9	1.0	1.1	
	35												1.0	1.2	1.1	
	30												1.1	1.2	1.1	
	25												1.1	1.2	1.2	
	20												1.1	1.2	1.2	
	15												1.3	1.3	1.2	
	10												1.3	1.3	1.2	
	5												1.3	1.3	1.2	
NORTH	25° 0'	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.9	1.2	1.3	1.3	1.3	1.3	1.3	
	55	0.7	0.9	0.9	1.0	1.1	1.0	0.8	1.0	1.2	1.3	1.3	1.3	1.3	1.3	
	50		0.6	0.8	0.9	1.0	1.1	1.0	0.9	1.1	1.2	1.3	1.3	1.3	1.3	
	45		0.5	0.6	0.9	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.3	1.3	1.3	
	40		0.3	0.6	0.7	0.9	0.9	0.9	1.1	1.3	1.3	1.2	1.2	1.3	1.3	
	35		0.3	0.4	0.6	0.8	0.9	0.8	1.1	1.3	1.3	1.2	1.2	1.2	1.3	
	30		0.3	0.3	0.5	0.7	0.8	0.8	1.1	1.3	1.3	1.2	1.2	1.2	1.2	
	25		0.3	0.3	0.4	0.6	0.6	0.8	1.2	1.3	1.3	1.3	1.3	1.3	1.2	
	20		0.3	0.3	0.4	0.4	0.5	0.8	1.1	1.3	1.3	1.3	1.3	1.3	1.3	
	15		0.3	0.3	0.4	0.4	0.5	0.8	1.1	1.2	1.2	1.3	1.3	1.3	1.4	
	10		0.3	0.3	0.4	0.3	0.3	0.8	1.0	1.2	1.2	1.3	1.3	1.4	1.4	
	5		0.3	0.3	0.3	0.3	0.4	0.7	0.9	1.1	1.1	1.2	1.3	1.4	1.4	
	24° 0'	0.4	0.4	0.3	0.2	0.4	0.6	0.7	0.9	1.0	1.2	1.2	1.2	1.3	1.3	
		81° 0'	55	50	45	40	35	30	25	20	15	10	5	80° 0'		
		LONGITUDE WEST														

