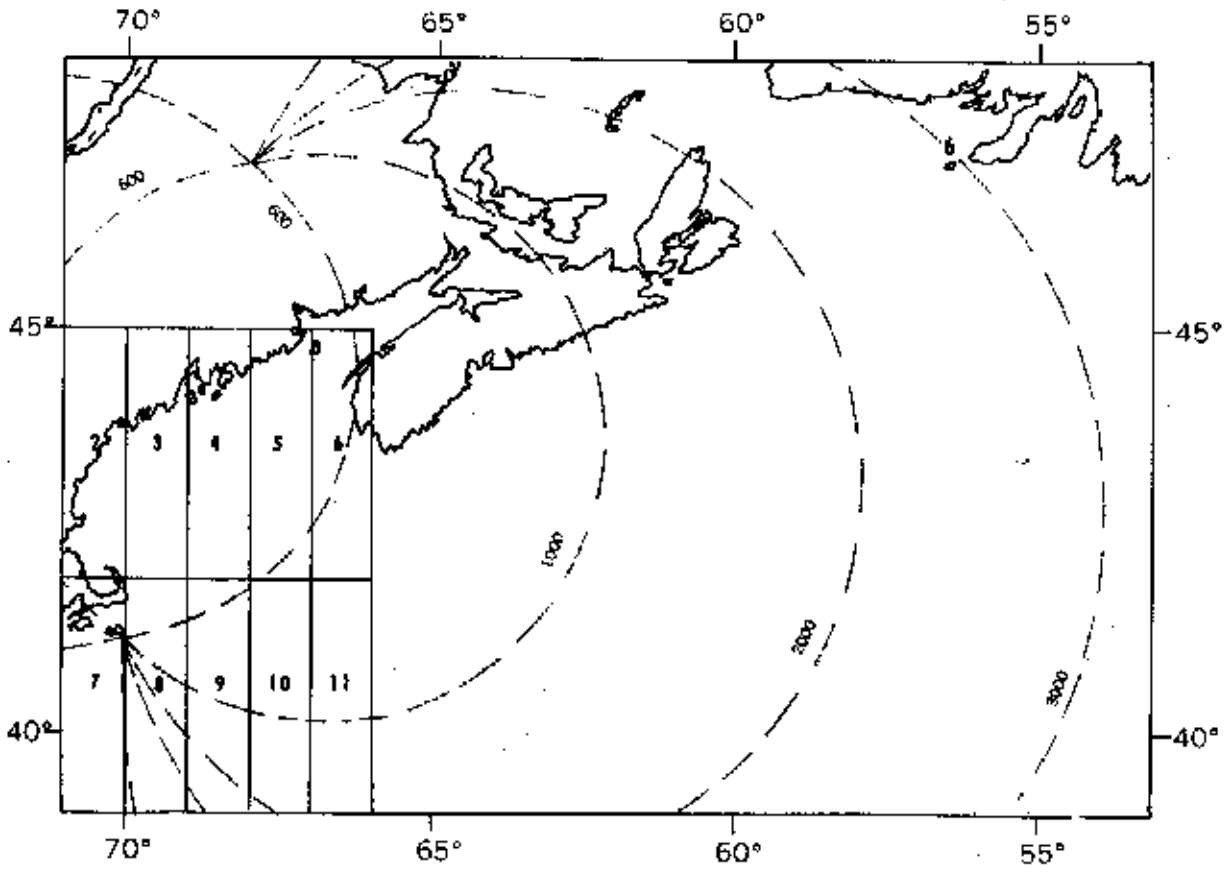
PAGE INDEX FOR SECONDARY PHASE CORRECTIONS FOR 5930-X



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.

LATITUDE NORTH	LONGITUDE WEST 71° 0′	55	50	45	40	35	30	25	20	15	10	5	70° 0′
45° 0′													
55													
50													
45													
40													
35													
30													
25													
20													
15													
10													
5													
44° 0′													
55													
50													
45											1.6	1.6	1.8
40											1.5	1.6	2.6
35											1.5	1.5	2.5
30									1.6	1.5	1.5	2.4	2.5
25									1.4	1.5	1.4	2.3	2.4
20							2.9	1.5	1.5	1.4	2.3	2.3	2.3
15						2.9	1.5	1.4	1.5	2.3	2.3	2.2	2.3
10						1.6	1.4	1.4	1.5	2.3	2.3	2.1	2.2
5					2.7	1.4	1.4	1.4	2.4	2.3	2.3	2.1	2.2
43° 0′				2.9	1.4	1.4	1.4	2.3	2.3	2.3	2.2	2.1	2.1
55				1.5	1.4	1.4	1.4	2.2	2.3	2.2	2.2	2.0	2.0
50				1.3	1.4	1.4	2.2	2.2	2.2	2.1	2.1	2.0	2.0
45				1.3	1.4	1.3	2.2	2.2	2.1	2.2	2.0	1.9	2.0
40						2.2	2.2	2.2	2.1	2.2	2.0	1.9	1.9
35					2.4	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9
30			1.5	1.5	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9
25	1.3	1.5	1.5	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9
20	1.2	1.1	1.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.9
15				2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.9	1.8	1.8
10					2.2	2.2	2.1	2.0	1.9	1.8	1.8	1.8	1.8
5						2.1	2.1	2.0	1.9	1.7	1.7	1.8	1.7
42° 0′					2.1	2.1	2.0	1.9	1.9	1.9	1.8		1.7
	71° 0′	55	50	45	40	35	30	25	20	15	10	5	70° 0′
	LONGITUDE WEST												

LONGITUDE WEST

LATITUDE NORTH	70° 0′	55	50	45	40	35	30	25	20	15	10	5	69° 0′
45° 0′													
55													
50													
45													
40													
35													
30													
25													2.3
20													
15													2.4
10												2.6	2.3
5													2.4
44° 0′											2.7	2.2	2.2
55								2.6	2.6	2.6	2.3	2.2	2.2
50						2.7	2.5	2.5	2.5	2.5	2.2	2.2	2.3
45	1.8	2.7		2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.3
40	2.6	2.6	2.6	2.7	2.6	2.4	2.4	2.4	2.4	2.2	2.2	2.2	2.3
35	2.5	2.6	2.5	2.6	2.5	2.4	2.4	2.4	2.3	2.1	2.1	2.2	2.2
30	2.5	2.4	2.4	2.5	2.4	2.4	2.3	2.4	2.2	2.1	2.1	2.2	2.2
25	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.1	2.2	2.1	2.2	2.2
20	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.0	2.2	2.2	2.2
15	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.1	2.2	2.2	2.2
10	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.0	2.1	2.1	2.2	2.1	2.2
5	2.2	2.2	2.3	2.3	2.3	2.3	2.1	2.0	2.0	2.1	2.1	2.1	2.2
43° 0′	2.1	2.1	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.1	2.1	2.1	2.1
55	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1
50	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1
45	2.0	2.0	2.2	2.2	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
40	1.9	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1
35	1.9	2.0	2.2	2.2	2.0	2.0	1.9	2.1	2.1	2.0	2.1	2.1	2.1
30	1.9	2.0	2.2	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.0
25	1.9	2.0	2.2	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0
20	1.9	2.0	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0
15	1.8	2.0	2.0	1.9	2.0	1.9	2.1	2.0	2.0	2.1	2.0	2.0	2.0
10	1.8	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0
5	1.7	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
42° 0′	1.7	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	70° 0′	55	50	45	40	35	30	25	20	15	10	5	69° 0′

LONGITUDE WEST

LATITUDE NORTH	LONGITUDE WEST 69° 0′	55	50	45	40	35	30	25	20	15	10	5	68° 0′
45° 0′													
55													
50													
45													
40													
35													
30													
25	2.3	2.5	2.4							2.1	2.2		
20											2.3	2.5	1.8
15	2.4	2.3	2.4	2.4		2.6	2.3	2.5		2.2	2.2	2.3	1.8
10	2.3	2.2		2.4		2.3			2.3	2.2	2.2	2.3	1.8
5	2.4	2.5		2.5	2.3	2.3	2.3	2.4	2.2	2.2	2.1	2.2	1.8
44° 0′	2.2	2.4	2.4	2.4	2.5	2.2	2.3	2.3	2.2	2.1	2.1	2.2	1.8
55	2.2	2.4	2.3	2.4	2.3	2.2	2.3	2.3	2.2	2.1	2.1	2.1	1.8
50	2.3	2.3	2.3	2.3	2.2	2.1	2.2	2.2	2.1	2.1	2.1	2.1	1.7
45	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.1	2.1	1.7
40	2.3	2.2	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.1	2.1	1.7
35	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.1	2.0	2.0	2.1	2.1	1.7
30	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.1	2.0	2.0	2.0	2.0	1.7
25	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.0	2.0	2.0	2.0	2.0	1.7
20	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.0	2.0	2.0		2.0	1.7
15	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	2.0	2.0	1.6
10	2.2	2.1	2.1	2.0	2.1	2.1	2.0	2.0	1.9	1.9	2.0	1.9	1.6
5	2.2	2.1	2.1	2.0	2.1	2.1	2.0	2.0	1.9	1.9	2.0	1.9	1.6
43° 0′	2.1	2.1	2.1	2.0	2.0	2.1	2.0	1.9	1.9	1.9	2.0	1.9	1.6
55	2.1	2.1	2.0	2.0	2.1	2.1	1.9	1.9	1.9	1.9	2.0	1.9	1.6
50	2.1	2.1	2.0	2.0	2.0	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.6
45	2.1	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.6
40	2.1	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.6	1.6
35	2.1	2.0	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
30	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
25	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.5	1.6
20	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.5	1.6
15	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.5	1.6
10	2.0	1.9	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.5	1.6
5	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.5	1.6
42° 0′	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.5	1.6
	69° 0′	55	50	45	40	35	30	25	20	15	10	5	68° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	68° 0′	55	50	45	40	35	30	25	20	15	10	5	67° 0′
45° 0′													
55													
50													
45													2.0
40									1.9		2.1	2.0	1.9
35								2.0	2.0	2.0	2.0	1.9	1.8
30			1.8	1.9	1.9		1.9	2.0	1.9	1.9	2.0	1.9	1.8
25		1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.8	2.0	1.9	1.9
20	1.8	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9
15	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.8
10	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.9	1.8
5	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.9	1.8
44° 0′	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.9	1.9
55	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.9
50	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.8
45	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.6	1.8
40	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.6	1.8
35	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
30	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
25	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6
20	1.7	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
15	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7
10	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
43° 0′	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.7
55	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.7
50	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
45	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
30	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
25	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
20	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
15	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
10	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
42° 0′	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6
	68° 0′	55	50	45	40	35	30	25	20	15	10	5	67° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	67° 0′	55	50	45	40	35	30	25	20	15	10	5	66° 0′
45° 0′		1.8	2.1	2.3	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7
55			2.0	2.2	2.0	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
50		2.0	1.9	1.9	2.0	2.0	1.5	1.5	1.5	1.6	1.6	1.6	1.6
45	2.0	1.9		1.8	2.1	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
40	1.9	1.9			1.9	2.1	1.9	1.5	1.5	1.5	1.5	1.5	1.4
35	1.8	1.9	1.9	1.9	1.9	2.0	2.1	1.9	1.5	1.5	1.5	1.5	1.5
30	1.8	1.9	1.8	1.9	1.9	1.8	2.0	1.9	1.5	1.5	1.5		1.5
25	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0	1.9	1.5		1.5	
20	1.9	1.8	1.8	1.8	1.8	1.8	1.8	2.0	1.9	1.8	1.5		
15	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8		1.9	1.4		
10	1.8	1.8	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0			
5	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9			
44° 0′	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.9		
55	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.9		
50	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		
45	1.8	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7		
40	1.8	1.8	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	2.0
35	1.7	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.9
30	1.6	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7
25	1.6	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6
20	1.6	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6
15	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
10	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
5	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
43° 0′	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
55	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
50	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
45	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6
40	1.6	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6
35	1.6	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6
30	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6
25	1.6	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6
20	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6
15	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.6	1.6
10	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.6
42° 0′	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6
	67° 0′	55	50	45	40	35	30	25	20	15	10	5	66° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	71° 0′	55	50	45	40	35	30	25	20	15	10	5	70° 0′
42° 0′					2.1	2.1	2.0	1.9	1.9	1.9	1.8		1.7
55							2.0	1.9	1.9	1.8	1.8		
50							1.9	1.8	2.0	1.8	1.8	1.9	
45								1.8	1.8	1.7			
40				2.3									
35		2.6	2.5	2.3				2.2	2.2	2.2	2.1	2.0	
30	2.6	2.4	2.2		2.3	2.3	2.2	2.1	2.1	2.2	2.1	1.9	1.8
25	2.3	2.3	2.3	2.2			2.1	2.1	2.1	2.1	2.1	2.0	1.9
20	2.4	2.2		2.3	2.2	2.1	2.0	2.0	2.0	2.1	2.0	1.9	
15	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.1	2.1	2.0	2.0		
10	2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
5	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0
41° 0′	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0
55	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0
50	2.4	2.3	2.3	2.3	2.2	2.2	2.3	2.2	2.2	2.0	2.1	2.0	2.1
45	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0	2.1
40	2.3	2.3	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.1
35	2.3	2.3	2.3	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0	2.0	2.1
30	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0	2.1	2.1
25	2.3	2.3	2.2	2.2	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.1	2.1
20	2.3	2.2	2.2	2.2	2.3	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1
15	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.1
10	2.2	2.2	2.2	2.3	2.2	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1
5	2.2	2.2	2.2	2.2	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1
40° 0′	2.2	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.1
55	2.2	2.2	2.3	2.2	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.1
50	2.2	2.2	2.2	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1
45	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.1	2.0
40	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0
35	2.3	2.2	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1
30	2.2	2.2	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.1
25	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1
20	2.2	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1
15	2.2	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1
10	2.2	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1
5	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1
39° 0′	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1
	71° 0′	55	50	45	40	35	30	25	20	15	10	5	70° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	70° 0′	55	50	45	40	35	30	25	20	15	10	5	69° 0′
42° 0′	1.7	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
55		2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
50		1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1.9
45		1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
40		2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
35		2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	1.8	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0
25	1.9	1.9	2.0	2.1	2.1	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0
20		1.9	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
15		2.0	2.1	2.1	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
10	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
5	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
41° 0′	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9	2.0	2.0
55	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
50	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
45	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
40	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0
35	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
30	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
25	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
20	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0
15	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
10	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	2.1	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
40° 0′	2.1	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
55	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
50	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
45	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
40	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
35	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
25	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
20	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
15	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
10	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
5	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
39° 0′	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	70° 0′	55	50	45	40	35	30	25	20	15	10	5	69° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	69° 0′	55	50	45	40	35	30	25	20	15	10	5	68° 0′
42° 0′	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.5	1.6
55	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.5	1.6
50	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.5	1.6
45	1.9	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.5	1.6
40	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.6	1.6
35	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
30	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
25	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
20	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
15	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
10	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
5	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
41° 0′	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
55	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
50	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
45	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
40	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
35	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
30	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
25	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
20	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
15	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6
10	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
5	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
40° 0′	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
55	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
50	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
45	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
40	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
35	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
30	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
25	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
20	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
15	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
10	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
39° 0′	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	1.6
	69° 0′	55	50	45	40	35	30	25	20	15	10	5	68° 0′
	LONGITUDE WEST												

10X

5930–X

LATITUDE NORTH	LONGITUDE WEST												
	68° 0′	55	50	45	40	35	30	25	20	15	10	5	67° 0′
42° 0′	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
55	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
50	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
45	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
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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
30	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
25	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
20	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
15	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
10	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
5	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
41° 0′	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
55	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
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	1.6	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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
30	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
25	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
20	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
15	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
10	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
5	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
40° 0′	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
55	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
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	1.6	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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
30	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
25	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
20	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
15	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
10	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
5	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
39° 0′	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
	68° 0′	55	50	45	40	35	30	25	20	15	10	5	67° 0′
	LONGITUDE WEST												

LATITUDE NORTH	LONGITUDE WEST												
	67° 0′	55	50	45	40	35	30	25	20	15	10	5	66° 0′
42° 0′	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.6
55	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.6
50	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6
45	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6
40	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.7
35	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6
30	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.6
25	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.6
20	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6
15	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.6
10	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.6
5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6
41° 0′	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6
55	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6
50	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.6
45	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6
40	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7
35	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7
30	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7
25	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7
20	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7
15	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7
10	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7
5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7
40° 0′	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
55	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
50	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
45	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
40	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
35	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
30	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
25	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
20	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
15	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
10	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6
5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6
39° 0′	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	67° 0′	55	50	45	40	35	30	25	20	15	10	5	66° 0′
	LONGITUDE WEST												