

Turtle Densities in Pearl Harbor
Dates Covered: 8 March 2000 - 12 April 2011

Location	summer density turtles/km ²	fall density turtles/km ²	winter density turtles/km ²	spring density turtles/km ²
1	12.38	12.38	5.97	5.97
2	211.12	211.12	286.21	286.21
2-3A	1.12	1.12	27.50	27.50
3A	120.21	120.21	133.01	133.01
3B	163.66	163.66	351.96	351.96
4	23.27	23.27	88.19	88.19
5, 6, 7	14.44	14.44	52.64	52.64
8	0.00	0.00	10.42	10.42
10	0.00	0.00	0.00	0.00
11	11.90	11.90	0.00	0.00
12	1.76	1.76	0.00	0.00
13, 14	0.00	0.00	0.00	0.00
15	0.00	0.00	7.14	7.14
16, 17	17.71	17.71	5.21	5.21
W Loch	17.71	17.71	5.21	5.21
18	0.00	0.00	0.00	0.00
19	3.21	3.21	44.44	44.44
20	59.32	59.32	0.00	0.00
21	0.00	0.00	12.25	12.25

Turtle Densities by MCBH				
WET	0.67	0.67	10	10

The modeling requires values in animals/km² for all four seasons.



Steps between

	3A			4	
summer	120.21	95.975	71.74	47.505	23.27
fall	120.21	95.975	71.74	47.505	23.27
winter	133.01	121.805	110.6	99.395	88.19
spring	133.01	121.805	110.6	99.395	88.19

	10			12	
summer	0.00	0.44	0.88	1.32	1.76
fall	0.00	0.44	0.88	1.32	1.76
winter	0.00	0.00	0.00	0.00	0.00
spring	0.00	0.00	0.00	0.00	0.00

	11			12	
summer	11.90	9.365	6.83	4.295	1.76
fall	11.90	9.365	6.83	4.295	1.76
winter	0.00	0.00	0.00	0.00	0.00
spring	0.00	0.00	0.00	0.00	0.00

	13, 14			12	
summer	0.00	0.44	0.88	1.32	1.76
fall	0.00	0.44	0.88	1.32	1.76
winter	0.00	0.00	0.00	0.00	0.00
spring	0.00	0.00	0.00	0.00	0.00

	15			12	
summer	0.00	0.44	0.88	1.32	1.76
fall	0.00	0.44	0.88	1.32	1.76
winter	7.14	5.36	3.57	1.79	0.00
spring	7.14	5.36	3.57	1.79	0.00

	10			15	
summer	0.00	0.00	0.00	0.00	0.00
fall	0.00	0.00	0.00	0.00	0.00
winter	0.00	1.79	3.57	5.36	7.14
spring	0.00	1.79	3.57	5.36	7.14

	8		15	
summer	0.00	No gradient		0.00
fall	0.00	No gradient		0.00
winter	0.00	No gradient		7.14
spring	0.00	No gradient		7.14

	16, 17			18	
summer	17.71	13.28	8.86	4.43	0.00
fall	17.71	13.28	8.86	4.43	0.00
winter	5.21	3.91	2.61	1.30	0.00
spring	5.21	3.91	2.61	1.30	0.00

	16, 17				19
summer	17.71	14.09	10.46	6.84	3.21
fall	17.71	14.09	10.46	6.84	3.21
winter	5.21	15.02	24.83	34.63	44.44
spring	5.21	15.02	24.83	34.63	44.44

	8				20
summer	0.00	14.83	29.66	44.49	59.32
fall	0.00	14.83	29.66	44.49	59.32
winter	0.00	0.00	0.00	0.00	0.00
spring	0.00	0.00	0.00	0.00	0.00

	2				21
summer	211.12	158.34	105.56	52.78	0.00
fall	211.12	158.34	105.56	52.78	0.00
winter	286.21	217.72	149.23	80.74	12.25
spring	286.21	217.72	149.23	80.74	12.25