

Kawaihae Transects
5/15/03, 0910-1030 h

Tide: Low

Weather: Sunny with 5 kts. Onshore wind

Ran four timed swimming transects with counting green turtles seen within 10 meters left and 10 meters right of the transect line.
Transect 1 and 2 were run simultaneously as were transects 3 and 4 (reverse of first two)

Transect 1 (25 meters from shore): Observed 6 turtles

Transect 2 (50 meters from shore): Observed 16 turtles

Transect 3 (75 meters from shore): Observed 22

Transect 4 (100 meters from shore): Observed 27 turtles

Observation Tables:

Transect Number 1 (25 Meters from breakwater)

Size of turtle (small, medium, large)	Behavior (Resting, Swimming, Feeding, Other)	Tumors Observed	Comments
M	S	N	
M	S	N	
L	S	N	
M	R	N	
M	S	N	
M	S	N	

Legend:

Behavior: S = swimming, R = resting, F = feeding, O = other

Size: S=small (<45 cm), M = medium 45-65 cm.), L = large (>65 cm)

Transect Number 2 (50 Meters from breakwater)

Size of turtle (small, medium, large)	Behavior (Resting, Swimming, Feeding, Other)	Tumors Observed	Comments
M	R	N	
M	S	N	
M	F	N	
L	R	N	
M	R	N	
M	F	N	
M	F	N	
M	R	N	
M	R	N	
L	S	N	
M	R	N	
M	S	N	
M	F	N	
M	S	N	
M	R	N	
M	S	N	

Legend:

Behavior: S = swimming, R = resting, F = feeding, O = other

Size: S=small (<45 cm), M = medium 45-65 cm.), L = large (>65 cm)

Transect Number 3 (75 Meters from breakwater)

Size of turtle (small, medium, large)	Behavior (Resting, Swimming, Feeding, Other)	Tumors Observed	Comments
M	S	N	
M	S	N	
M	S	N	
M	R	N	
M	S	N	
M	S	N	
M	S	N	
M	F	N	
M	F	N	
M	F	N	
L	F	N	
M	S	N	
M	S	N	
S	F	N	
S	F	N	
M	F	N	
M	S	N	
M	S	N	
M	S	N	
M	R	N	
M	F	N	

Legend:

Behavior: S = swimming, R = resting, F = feeding, O = other

Size: S=small (<45 cm), M = medium 45-65 cm.), L = large (>65 cm)

Transect Number 4 (100 Meters from breakwater)

Size of turtle (small, medium, large)	Behavior (Resting, Swimming, Feeding, Other)	Tumors Observed	Comments
M	F	N	
M	R	N	
M	S	N	
L	S	N	
M	S	N	
M	F	N	
L	F	N	
M	S	N	
M	S	N	
S	S	N	
M	S	N	
M	S	N	
M	F	N	
M	S	N	
L	F	N	
M	F	N	
M	F	N	
M	S	N	
M	F	N	
M	F	N	
M	F	N	
M	F	N	
M	F	N	
M	F	N	
S	S	N	
M	S	N	

M	F	N	
L	S	N	
M	F	N	

Legend:

Behavior: S = swimming, R = resting, F = feeding, O = other

Size: S=small (<45 cm), M = medium 45-65 cm.), L = large (>65 cm)



Figure 1. Four transects run on 5/15/03 between 0900 and 1000 h. The transect closest to the breakwater is number one and the outside one is number four. The transects were approximately 25 meters apart and number one began 25 meters off the breakwater. White dots represent observations of turtles.