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FOR THE COUNTRY OF
POR EL PAIS DE

ANTIGUA AND BARBUDA

NATIONAL REPRESENTATIVE / REPRESENTANTE NACIONAL

DAVEN JOSEPH

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Simposio de Tortugas del Atlantico Occidental

17-22 July / Julio 1983
San José, Costa Rica

Antigua & Barbuda National Report, WATS I Vol 3, pages 12-29

WESTERN ATLANTIC TURTLE SYMPOSIUM
San José, Costa Rica, July 1983

NATIONAL REPORT FOR THE COUNTRY OF

ANTIGUA AND BARBUDA

NATIONAL REPORT PRESENTED BY

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The National Representative

Address:
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Please submit this NATIONAL REPORT no later than 1 December 1982 to:

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Antigua & Barbuda National Report, WATS I Vol 3, pages 12-29

WIDECAST
Wider Caribbean Sea Turtle Conservation Network

With a grant from the U.S. National Marine Fisheries Service, WIDECAST has digitized the databases and proceedings of the **Western Atlantic Turtle Symposium (WATS)** with the hope that the revitalized documents might provide a useful historical context for contemporary sea turtle management and conservation efforts in the Western Atlantic Region.

With the stated objective of serving "as a starting point for the identification of critical areas where it will be necessary to concentrate all efforts in the future", the first Western Atlantic Turtle Symposium convened in Costa Rica (17-22 July 1983), and the second in Puerto Rico four years later (12-16 October 1987). WATS I featured National Reports from 43 political jurisdictions; 37 presented at WATS II.

WATS I opened with these words: "The talks which we started today have the multiple purpose of bringing our knowledge up to date about the biological peculiarities of the marine turtle populations of the western Atlantic; to know and analyse the scope of the National Reports prepared by the scientific and technical personnel of more than thirty nations of the region; to consider options for the orderly management of marine turtle populations; and in general to provide an adequate forum for the exchange of experiences among scientists, administrators, and individuals interested in making contributions for the preservation of this important natural resource."

A quarter-century has passed, and the results of these historic meetings have been lost to science and to a new generation of managers and conservationists. Their unique importance in providing baseline data remains unrecognized, and their potential as a "starting point" is neither known nor appreciated.

The proceedings document what was known at the time concerning the status and distribution of nesting and foraging habitat, population size and trend, mortality factors, official statistics on exploitation and trade, estimated incidental catch, employment dependent on turtles, mariculture operations, public and private institutions concerned with conservation and use, legal aspects (e.g. regulations, enforcement, protected areas), and active research projects. In most cases it was the first time a national sea turtle assessment had been conducted.

Despite the potential value of this information to agencies responsible for conducting stock assessments, monitoring recovery trends, and safeguarding critical habitat in the 21st century, the hand-written National Reports, largely illegible in the published proceedings, have slipped into obscurity. To help ensure the legacy of these symposia, we have digitized the entire proceedings, including the National Reports, plenary presentations and panels, and annotated bibliographies of both meetings, and posted them online at http://www.widecast.org/What/RegionalPrograms.html.

Each article has been scanned from the original document. Errors in the scan have been corrected; however, to be true to the original content (as closely as we can discern it), potential errors of content have not been corrected. This article should be cited:

Joseph, D., J. Fuller and R. Camacho. 1984. National Report for Antigua & Barbuda, pp.12-29. *In*: Bacon, P., F. Berry, K. Bjorndal, H. Hirth, L. Ogren and M. Weber (Editors), Proceedings of the First Western Atlantic Turtle Symposium, 17-22 July 1983, San José, Costa Rica. Volume III: The National Reports. RSMAS Printing, Miami.

Karen L. Eckert
WIDECAST Executive Director
June 2009

COUNTRY: ANTIGUA AND BARBUDA

TABLE 1. GEOGRAPHIC INVENTORY	
Length of Coastline*, **	281 Km
Km^2 of Continental Shelf Area	3,400 Km
Seaward Extent of Jurisdictions	
Territorial Sea	19.3 Km
Extended Economic Zone	482.8 Km
Fisheries Jurisdiction (None)	
Other (Describe)	

* Coastline length is the measurement of the national seaward boundary of a country; i.e., the distance from border to border for a coastal country and the distance around an island country.

** The 3-island State, the third being Redonda, which is excluded because its coastline, being all vertical stone, is unsuitable for any turtle habitat of significance. The coastline of Antigua and Barbuda is legally undivided (save for 2 small conservation areas) with respect to marine wildlife and is all suitable for marine turtle habitat. The whole continental shelf is an ideal habitat for selected marine turtle species and Antigua and Barbuda's coastline contains 102 km of available nesting beaches: Antigua 26 km and Barbuda 76 km.

TABLE 2. COASTAL HABITAT INVENTORY OF MARINE SHORELINE

	Km of Shoreline		
Marine Shoreline Characteristics*	Undeveloped	Developed**	Total
1. Sand Beach (Total) 95% sand only with nest undeveloped sparsely covered with sand vine	73	29	102
A. High Energy	0.5	0.5	1
B. Low Energy Includes 5 km of non-beaches, no surf	73.5	27.5	101
2. Reef (exposed) Offshore 200-500 m	6	1	7
3. Rocks None significantly obstructs any beach (volcanic, limestone, and coral)	29	67.5	96.5
4. Cliffs	12	0	12
5. Vegetation (Total)	73	29	102
A. Vines on beaches; often found together with grasses	58.4	14.5	72.9
B. Grasses on beaches; often found together with vines	51.1	26.1	77.2
C. Mangroves	54.5	10	64.5
D. Coconut Trees	0	5.5	5.5
E. Other Trees or Shrubs Usually with vines and grass	43.8	11.6	55.4
F. Marshes	5	0	5
6. Mouths of Lagoons, Rivers, Canals	1	0	1
7. Total Shoreline	***174.5	***106.5	***281
	****194.0	****126.5	****320.5

* Refer to SEA TURTLE MANUAL (Aerial Survey)

** Human development or use (See MANUAL)

*** *Editor's note (2009)*: Totals as listed in the original National Report (sum is incorrect)

**** *Editor's note (2009)*: Totals as corrected to reflect accuracy in summed values

TABLE 2A. MARINE HABITAT INVENTORY OF BOTTOM TYPES. (Supplementary page)

Habitat Bottom Types	Km^2 of Habitat	
	Inside 25m (shoreward)	Outside 25m (shoreward)
1. Sand	4.0	65
2. Mud	0.15	3
3. Rocks	0.35	3
4. Submerged Vegetation	2.08	3,000
5. Reefs (Total)	0.45	25
A. Fringing Reefs	0.25	20
B. Patch Reefs	0.2	5
6. Other: Coral & Rocks, vegetation mixed		304

TABLE 3. NESTING BEACH INVENTORY

List beaches in geographic sequence. Provide additional information on following page.

Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
1. Carlise Bay	0.3	E	July
2. Curtain Bluff	0.3	D	April
3. Morris Bay	0.5	E	September
4. Crabb Hill Bay	0.6	E	August
5. Darkwood Beach	0.6	E	August
6. Fryes Bay	0.4	E	August
7. Valley Church Bay	0.4	E	June
8. Pearns	0.6	E	July
9. Pinchin Bay	0.5	Cm, E	June-July
10. Runaway Bay	1.0	E	October
11. Elys Bay	0.7	D	April-May
12. Dutchman Bay	0.3	D	April
13. Pasture Bay	0.2	Cm, E	June-July
14. Grape Bay	0.2	Cm, E	June-July
15. Long Bay	0.7	E	July
16. Hog Hole	0.05	E	July
17. Green Island	1.3	E	July-October
18. Mill Reef	0.8	E	August
19. Machin Bay	0.1	D	August
20. Indian Creek	0.05	E	July
21. Windward Bay	0.1	E	
22. Dieppe Bay	0.6	E	
23. Turtle Bay	0.5	E	
24. Rendezvous Bay	0.2	E	
25. Tucks Bay	0.5	E	
26. (18) Cocoa Point Beach**	0.5	Cm, D, E	April-November
27. Spanish Well Point	0.1	E	May
28. (19) Continuous Beach**, ***	21.0	Cm, D, E	April-November (inclusive)
29. (20) North Beach**	1	Cm, E	April-October (inclusive)
30. (21) Rabbit Isl. Beach**	4	Cm, E	May-November (inclusive)
31. (22) Hog Point to Two Foot Bay (inclusive)**	4	Cm, E	May-November (inclusive)

TABLE 3. NESTING BEACH INVENTORY			
List beaches in geographic sequence. Provide additional information on following page.			
Name of Beach	Length In Km	Species Nesting (use abbreviations)*	Months of Recorded Nesting
32. (23) Rubbish Bay**	0.5	Cm, E	May-October (inclusive)
33. (24) Castle Bay**	0.5	Cm, E	May-November (inclusive)
34. (25) Welch Point Bay**	1.5	Cm, E	May-October (inclusive)
35. (26) Pelican Bay**	4.5	Cm, E	May-November (inclusive)
36. (27) Spanish Point**	0.5	E	May-November (inclusive)
* Species	Abbreviation		
Caretta caretta	Cc		
Chelonia mydas	Cm		
Dermochelys coriacea	D		
Eretmochelys imbricata	E		
Lepidochelys kempi	Lk		
Lepidochelys olivacea	Lo		
** *Editor's note (2009):* Original document included these numbers in parentheses ( ) *** *Editor's note (2009):* Listed in this table in original National Report as "Continuous Beach"; however, other tables in this document (e.g., Tables 3A and 4.28) refer to this beach as "RIVER TO BILLY POINT"			

TABLE 3A. NESTING BEACH INVENTORY (Supplementary page)

Please give additional information about each nesting beach identified in Table 3. Include information on color of sand, particle size, beach profile, backbeach vegetation, artificial lighting, etc.

1. Carlisle Bay
   Beige; fine. 5°-10°. Coconut. No lights.

2. Curtain Bluff
   Beige; fine. 5°-15°. Grass. Hotel.

3. Morris Bay
   Beige; fine. 20°. Grass, coconut. Small hotel.

4. Crabb Hill Bay
   White; fine. 5°-10°. Shrub. Village.

5. Darkwood
   White; fine. 5°. Coconut. No lights.

6. Fryes Bay
   White; fine. 5°-10°. Grass, trees. No lights.

7. Valley Church
   White; coarse. 10°. Grass, shrubs. No lights

8. Pearns
   Beige; fine. 15°-20°. Shrub, vines

9. Pinchin Bay
   Beige; fine. 10°-15°. Shrub, vines. No lights

10. Runaway Bay
    White; medium. 5°-10°. Grass, vines, shrubs. Hotel.

11. Ely's Bay
    White; medium. 5°-10°. Grass, vines, shrubs.

12. Dutchman's Bay
    White; medium. 5°. Grass, vines. Hotel.

13. Pasture Bay
    White; medium. 5°- 10°. Grass, vines, shrubs. No lights.

14. Grape Bay
    White; medium. 5°-10°. Grass, vines, shrubs. No lights.

15. Long Bay
    White; medium. 5°. Grass, trees. Light.

16. Hog Hole
    White; medium. 5°. No vegetation. No light.

17. Green Island (two east coarse beaches)
    White; medium. 5°-10°. Grass, vines, shrubs. No lights.

18. Mill Reef (three beaches)
    White; medium. 5°-10°. Grass, vines. No lights.

19. Machin Bay
    White; medium. 5°-10°. Grass, vines. No lights.

20. Indian Creek
    Beige; medium. 10°. Grass. No lights. .

21. Winward Bay
    Beige; fine. 10°-15°. Sea grapes, vines. No lights.

22. Dieppe Bay
    Beige; medium. 10°-15°. Sea grapes, vines. No lights.

23. Turtle Bay
    Beige; fine. 10°-15°. Sea grapes, vines. No lights.

24. Rendezvous Bay
    Beige; fine. 10°-15°. Sea grapes, vines. No lights.

25. Tucks Bay
    Beige; fine. 10°-15°. Sea grapes, vines. No lights.

26. Coconut Beach*
    White; fine. 5°-15°. Grass, vines. Little light.

27. Spanish Well Point
    White; fine. 5°-15°. Grass, shrubs. No lights.

28. River to Billy Point
    White; medium-fine. 10°-30°. Grass, vines, shrubs. No lights.

29. North Beach
    White; medium. 5°. Grass, vines. No lights.

30. Rabbit Island Beach
    White; medium. 5° -30°. Grass, vines. No lights.

31. Hog Point to Two Foot Bay
    White; medium. 5°-30°. Grass, vines. Little light.

32. Rubbish Bay
    White; medium. 5°-10°. Grass, vines. Little light.

33. Castle Bay
    White; medium. 10°-30°. Grass, vines. No lights.

34. Welch Point Beach
    White; medium. 10°-30°. Grass, vines. No lights.

35. Pelican Bay
    White; medium. 5°-20°. Grass, vines. No lights.

36. Spanish Point
    White; medium. 5°. Grass, vines. No lights.

* *Editor's note (2009):* The name of the beach listed in this supplemental table in the original National Report is "Coconut Beach"; however, other tables in this report (e.g., Tables 3 and 4.26) list this beach as "Cocoa Point".

TABLE 4.1. NESTING CENSUS FOR BEACH: CARLISE BAY

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	NR		
Dermochelys coriacea	NR		
Eretmochelys imbricata	Negligible	1	June 1981
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.2. NESTING CENSUS FOR BEACH: CURTAIN BLUFF

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	Less than 1	May 1979
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.3. NESTING CENSUS FOR BEACH: MORRIS BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	Less than 1	October 1976
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.4. NESTING CENSUS FOR BEACH: CRABB HILL BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	Yearly reports in July and August from fishermen
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.5. NESTING CENSUS FOR BEACH: DARKWOOD			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	Less than 1	June 1981
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.6. NESTING CENSUS FOR BEACH: FRYES BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Negligible	Less than 1	July 1980
Dermochelys coriacea			
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.7. NESTING CENSUS FOR BEACH: VALLEY CHURCH BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	Less than 1	June 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.8. NESTING CENSUS FOR BEACH: PEARNS BEACH			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Negligible	2	June 1981; July 1982
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	June 1981; July 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.9. NESTING CENSUS FOR BEACH: PINCHIN BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	Less than 1	June 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.10. NESTING CENSUS FOR BEACH: RUNAWAY BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	1	July, August 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.11. NESTING CENSUS FOR BEACH: ELYS BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	Less than 1	April, May 1981
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.12. NESTING CENSUS FOR BEACH: DUTCHMAN'S BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	Less than 1	April 1981
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.13. NESTING CENSUS FOR BEACH: PASTURE BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Negligible	4	June, July annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	4	June, July annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.14. NESTING CENSUS FOR BEACH: GRAPE BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Negligible	3	June, July annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	3	June, July annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.15. NESTING CENSUS FOR BEACH: LONG BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible		June-September
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.16. NESTING CENSUS FOR BEACH: HOG HOLE			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	Less than 1	September 1980
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.17. NESTING CENSUS FOR BEACH: GREEN ISLAND			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.18. NESTING CENSUS FOR BEACH: MILL REEF			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.19. NESTING CENSUS FOR BEACH: MACHIN BAY *

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	Less than 1	August 1982
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

* *Editor's note (2009):* Spelled in original National Report as "Matching Bay" for this entry only; the Editor assumes it is a misspelling of "Machin Bay" as it occurs in other parts of the report.

TABLE 4.20. NESTING CENSUS FOR BEACH: INDIAN CREEK

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	1	Annual reports July
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.21. NESTING CENSUS FOR BEACH: WINWARD BAY

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.22. NESTING CENSUS FOR BEACH: DIEPPE BAY

Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.

Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			

TABLE 4.22. NESTING CENSUS FOR BEACH: DIEPPE BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Lepidochelys olivacea			

TABLE 4.23. NESTING CENSUS FOR BEACH: TURTLE BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.24. NESTING CENSUS FOR BEACH: RENDEZVOUS BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.25. NESTING CENSUS FOR BEACH: TUCKS BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1		June-October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.26. NESTING CENSUS FOR BEACH: COCOA POINT			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than 1	5	May-August, October annually
Dermochelys coriacea	Negligible	Less than 1	April 1981
Eretmochelys imbricata	Less than 1	12	May-November inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.27. NESTING CENSUS FOR BEACH: SPANISH WELL POINT			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	May and June 1982
Lepidochelys kempi			
Lepidochelys olivacea			

T**ABLE 4.28. NESTING CENSUS FOR BEACH: RIVER TO BILLY POINT (continuous beach)** *			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than 1	25	June-October, inclusive; annually
Dermochelys coriacea	Negligible	Less than 1	May-77
Eretmochelys imbricata	Less than 1	40	May-November; annually
Lepidochelys kempi			
Lepidochelys olivacea			
* *Editor's note (2009):* Name of the beach "RIVER TO BILLY POINT (continuous beach)" is listed in the original National Report. However, TABLE 3. NESTING BEACH INVENTORY lists this beach as "Continuous"; see the 29th beach entry in Table 3.			

TABLE 4.29. NESTING CENSUS FOR BEACH: NORTH BEACH			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Negligible	2	June-October, inclusive; annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	8	May-October, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.30. NESTING CENSUS FOR BEACH: RABBIT ISLAND BEACH			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than 1	10	June-October, inclusive; annually
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1	15	May-November, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.31. NESTING CENSUS FOR BEACH: HOG POINT TO TWO FOOT BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than 1	6	June-October, annually
Dermochelys coriacea			
Eretmochelys imbricata	Less than 1	10	May-November, annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.32. NESTING CENSUS FOR BEACH: RUBBISH BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			

TABLE 4.32. NESTING CENSUS FOR BEACH: RUBBISH BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Chelonia mydas	Negligible	3	May-November, annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	5	June-November, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.33. NESTING CENSUS FOR BEACH: CASTLE BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than	9	June 15 to October, inclusive; annually
Dermochelys coriacea			
Eretmochelys imbricata	Less than	15	May to November, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.34. NESTING CENSUS FOR BEACH: WELCH POINT BEACH			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than	8	June-October, inclusive; annually
Dermochelys coriacea			
Eretmochelys imbricata	1	14	May-November, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.35. NESTING CENSUS FOR BEACH: PELICAN BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas	Less than	6	June-October, inclusive; annually

TABLE 4.35. NESTING CENSUS FOR BEACH: PELICAN BAY			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Dermochelys coriacea			
Eretmochelys imbricata	Less than	10	May-November, inclusive; annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4.36. NESTING CENSUS FOR BEACH: SPANISH POINT			
Table summarizes census data for each beach listed in Table 3. Tables numbered sequentially.			
Species	Number of Nests		Dates of collection
	Nest/Night (average)	Nest/Season (estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Less than	2	October 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 5. AERIAL BEACH SURVEY SUMMARY								
Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.								
Date	Beaches Surveyed	Numbers of Nesting Tracks						
		Cc	Cm	D	E	Lk	Lo	NO ID
11 October, 1982	River to Billy Point (No. 24)*							8
11 October, 1982	North Beach (No. 25)*							0
11 October, 1982	Rabbit Island Beach							1

Species	Abbreviation
Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

* *Editor's note (2009):* Numbers in parentheses ( ) appear in the original National Report; however, they do not correspond to the original numbering system depicted in Table 3 and Table 4.

TABLE 5A. AERIAL BEACH SURVEY SUMMARY (Supplementary page)

Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.

Four of the 8 tracks on beach No. 24 (River to Billy Point)* were less than 24 hours old. The others were possibly as old as one week. No ground truth observation conducted.

* *Editor's note (2009):* The "No. 24" in the identification of this beach listed in this supplemental table in the original National Report does not correspond to the number cited in Table 3 for the same beach.

TABLE 6. ESTIMATED POPULATION SIZE OF NESTING FEMALES

Summarize the estimated number of nesting females for the years indicated and describe methods of estimation on the next page.

Species	Year					
	1982	1981	1980	1979	1978	1977
Caretta caretta	0	0	0	0	0	0
Chelonia mydas	39	NA*	NA	NA	NA	NA
Dermochelys coriacea	1	1	NA	NA	NA	NA
Eretmochelys imbricata	76	NA	NA	NA	NA	NA
Lepidochelys kempi	0	0	0	0	0	0
Lepidochelys olivacea	0	0	0	0	0	0

* NA = not available

TABLE 6A. ESTIMATED POPULATION OF NESTING FEMALES (Supplementary page)

Please give brief details on methods of estimation for Table 6.

Estimate total nests and divide by 2.

TABLE 7. FORAGING AREAS INVENTORY

Name of Area (or give coordinates)	Approx. Area (Km^2)	Species Foraging (use abbreviations & approx. numbers)	Nature of Evidence (observation, fishery, incidental catch)
The whole of the continental shelf around Antigua and Barbuda is evidently a suitable foraging habitat for Cm and E year-round, whereas D is seen usually early in April and May and the young rarely, if ever, after hatching. N.B. jellyfish swarm in July and August coinciding with most D hatching.	3,400	Cm, D, E	Observation fishery. It is a rare sea voyage in the territorial waters of Antigua and Barbuda that one doesn't observe some Cm or E

Species	Abbreviation
Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

TABLE 8. TURTLE SPECIES PRESENT ON FORAGING AREAS.

Please complete one of these tables for each of the areas identified in Table 7. Number each table as enumerated in Table 7 (7-1, 7-2, etc.).

Species	Month												Months of Greatest Activity
	J	F	M	A	M	J	J	A	S	O	N	D	
Caretta caretta													
Chelonia mydas	X	X	X	X	X	X	X	X	X	X	X	X	
Dermochelys coriacea				X	X	X	X	X	X	X	X	X	
Eretmochelys imbricata	X	X	X	X	X	X	X	X	X	X	X	X	
Lepidochelys kempi													
Lepidochelys olivacea													

TABLE 10. NATURAL MORTALITY

Life Stage Unit	Species (abbrev.)*	Causes**	Extent of Mortality (% of Unit)
Nests/eggs	***	***	
Hatchlings	***	***	
Juveniles	***	***	
Adults (in water)	***	***	
Nesting females	***	***	

Species*	Abbreviation
Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

** Natural mortality causes may include: Beach erosion of nests; egg and/or nestling predation by crabs, wild animals, seabirds, etc.; disease; sharks and other predators at sea, etc.

*** No reliable information available. However, no erosion takes place on nesting beaches. No evidence exists of crab predation of eggs nestings (sic) and there is no reliable observation of sea bird predation. No wild animals exist here. Tiger sharks have been caught with undigested carey in their stomachs. A large green was discovered dead on Dutchman's Bay - no apparent cause, save for growths where limbs joined carcass. Undoubtedly there is considerable predation by fish – groupers, snappers, etc. Recent reports of mongoose predation of hatchlings observed at Long Bay

TABLE 11. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS

Name of Port or Site	Species Landed (use abbrev)	Fishing Gear Used	Months of Landings	Numbers & Weights (estimate)
1. St. John's	Cm, D, E	Nets	August-April	Not available
2. Parham	Cm, E	Nets	August-April	Not available
3. Valley Church Bay	Cm, E	Nets	August-April	Not available
4. Old Road	Cm, E	Nets	August-April	Not available
5. Codrington	Cm, E	Nets and boat chase	August-April	Not available

TABLE 11. LANDING SITES FOR TURTLES AND TURTLE PRODUCTS	
Species	Abbreviation
Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

TABLE 12. TOTAL ANNUAL TURTLE LANDINGS IN NUMBERS				
Do not include turtles caught incidental to other fishing operations (e.g., shrimp trawling)				
Species	1982	1981	1980	Method of Determination
Caretta caretta				
Chelonia mydas	150	NA	NA	Estimate based on personal experience of fisheries officers and official and unofficial assistants
Dermochelys coriacea	1	1	1	Estimate based on personal experience of fisheries officers and official and unofficial assistants
Eretmochelys imbricata	250	NA	NA	Estimate based on personal experience of fisheries officers and official and unofficial assistants
Lepidochelys kempi				
Lepidochelys olivacea				

TABLE 13. ESTIMATED INCIDENTAL TURTLE CATCH (Give estimated numbers and/or weights)				
Species	Year			Type of Fishing Activity & Method of Estimation
	1982	1981	1980	
Caretta caretta				*
Chelonia mydas				*
Dermochelys coriacea				*
Eretmochelys imbricata				*
Lepidochelys kempi				*
Lepidochelys olivacea				*
* Negligible incidental catch. Most turtles caught are/were intended to be caught by fishermen.				

TABLE 16. EMPLOYMENT DEPENDENT ON TURTLES			
Activity	Total Annual Numbers of Persons	Est. Annual Income From Turtles	Comments
Fishing			*
Processing			*
Selling			*
* No direct employment based on turtles. All turtles caught are incidental and marginal to lobster and fishing activities. A turtle is an "extra" to he who catches it.			

TABLE 16A. EMPLOYMENT DEPENDENT ON TURTLES (Supplementary page)

In addition to marketed products, it is estimated that the following are taken annually from beaches or at sea for subsistence use:

A: Subsistence exploitation

1. Estimated number of eggs: 2,500
2. Estimated number of nesting females: 30
3. Number of turtles caught at sea: 20

B: Social aspects

In addition to the described fishery activities, exploitation of turtles may be permitted in some countries according to special rights or privileges extended to certain groups of people. If such specialized turtle exploitation exists, please give details (i.e., beach rights, ethnic traditions, specific seasons of the year, special permits, etc.).

None

TABLE 18. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION

Institution or Organization Name And Address	No. of Active Members	Activities in Progress
Fisheries Department Antigua government	3	Supervising close season
No other institution but several individuals		1. Compiling data 2. Rearing to month old 3. General conservation activities-lobbying, etc.

TABLE 20. REGULATORY AUTHORITY

Indicate all entities with statutory responsibilities (e.g., Fisheries Departments and Ministries, Police, Coast Guard, etc.)

Name and Address of Organization	Budget Allocation to Turtles	No. of Staff Assigned to Turtles	Comments on Levels of Enforcement
Fisheries Department Point Warf St. John's Antigua		1	Regular bulletin on radio and newspaper against the taking of turtles and eggs during close season.

TABLE 20A. REGULATORY AUTHORITY (Supplementary page)

Please list National, regional, and local legislation concerning turtle management and conservation. List title, date, and stated purpose.

No. 17 of 1927 — The Turtle Ordinance, 1927

ANTIGUA

No. 17 of 1927

An Ordinance for the Protection of Turtles and Tortoises

BE IT ORDAINED by the Governor and the Legislative Council of Antigua as follows:

1. This Ordinance may be cited as the Turtle Ordinance, 1927.

2. In this Ordinance the word "Turtle" shall be deemed not to include the Loggerhead Turtle (Thalasse chelyscaretta). "Tortoise shall include Land Turtle.

3.3 Any person who:
(a) catches or takes, or attempts to catch or take, or causes to be caught or taken any turtle or turtle eggs between the first day of June and the thirtieth day of September both days inclusive.

(b) at any time catches or takes, or attempts to catch or take, or causes to be caught or taken any turtle which is under twenty pounds in weight.

(c) buys, sells or exposes for sale or has in his possession any turtle eggs between the first day of June and the thirtieth day of September both days inclusive.

(d) catches or takes, or attempts to catch or take, or causes to be caught or taken any tortoise or tortoise eggs between the first day of June and the thirtieth day of September both days inclusive.

(e) at any time catches or takes, or attempts to catch or take, or causes to be caught or taken any tortoise of which the length measures from neck scale to tail piece is less than ten inches.

(f) has in his possession any tortoise eggs between the first day of April and the thirty-first day of July both days inclusive.

shall be guilty of an offense against this Ordinance, and, on summary convictions, shall be liable to a fine not exceeding Ten Pounds.

Power of Arrest

4. If any constable shall have reasonable grounds for believing that any person is committing or attempting to commit an offense against this Ordinance he may arrest such person without a warrant.

Forfeiture of Turtles, Tortoises, etc.

5. Any turtle or turtle eggs or any tortoise or tortoise eggs in respect of which any constable has reasonable grounds for believing an offense against this Ordinance has been committed shall be seized by such constable, and upon the conviction of any person for such an offence in respect of the turtle or turtle eggs or tortoise or tortoise eggs seized, shall be forfeited.

Forfeiture of Nets

6. Any set, instrument or thing which any constable has reasonable grounds for believing is being or has been used for or in connection with the commission of any offence against this Ordinance, shall be seized by such constable, and any Magistrate may, upon the conviction of any person for an offence against the

Ordinance in connection with which set, instrument or thing as seized was used, order such set, instrument or thing to be forfeited.

of Fine to Informer

7. Upon any conviction under this Ordinance the Magistrate may order that a part of any fine imposed not exceeding a moiety be paid to any person or persons whose information led to such conviction.

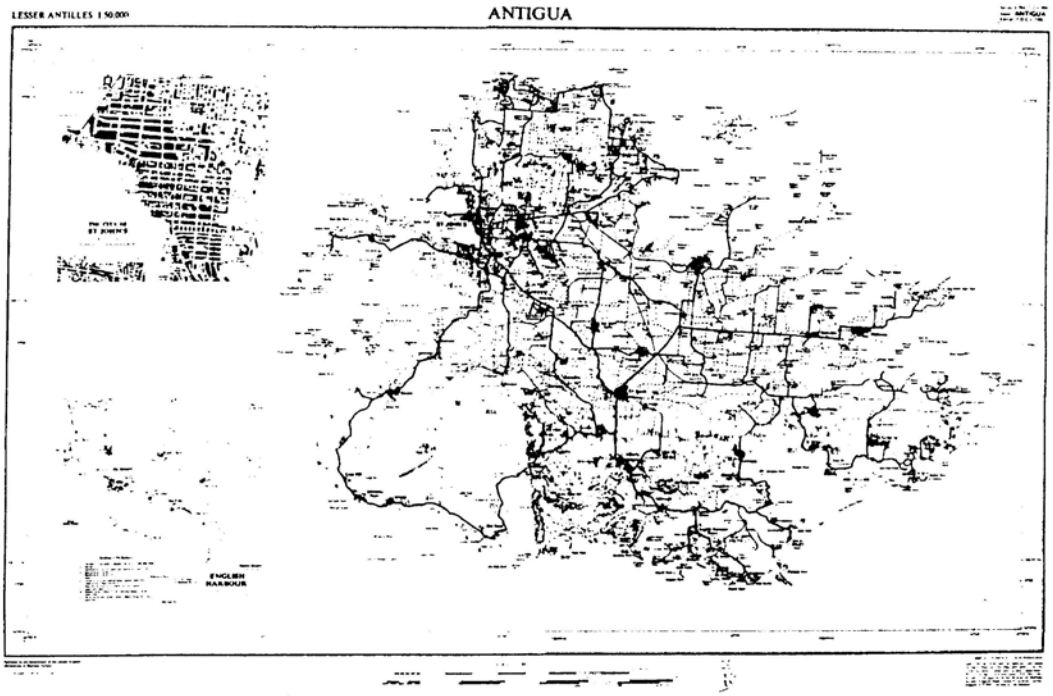
T.H. St. Johnson
President

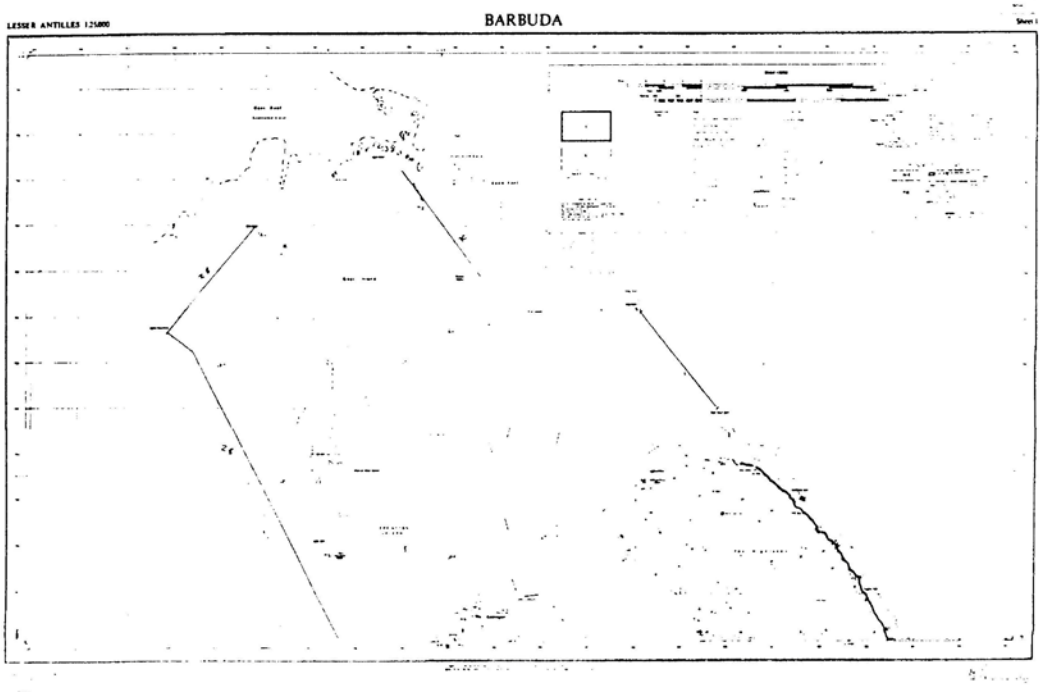
No. 17 of 1927 The Turtle Ordinance, 1927

Passed the Legislative Council the 30th day of June, 1927

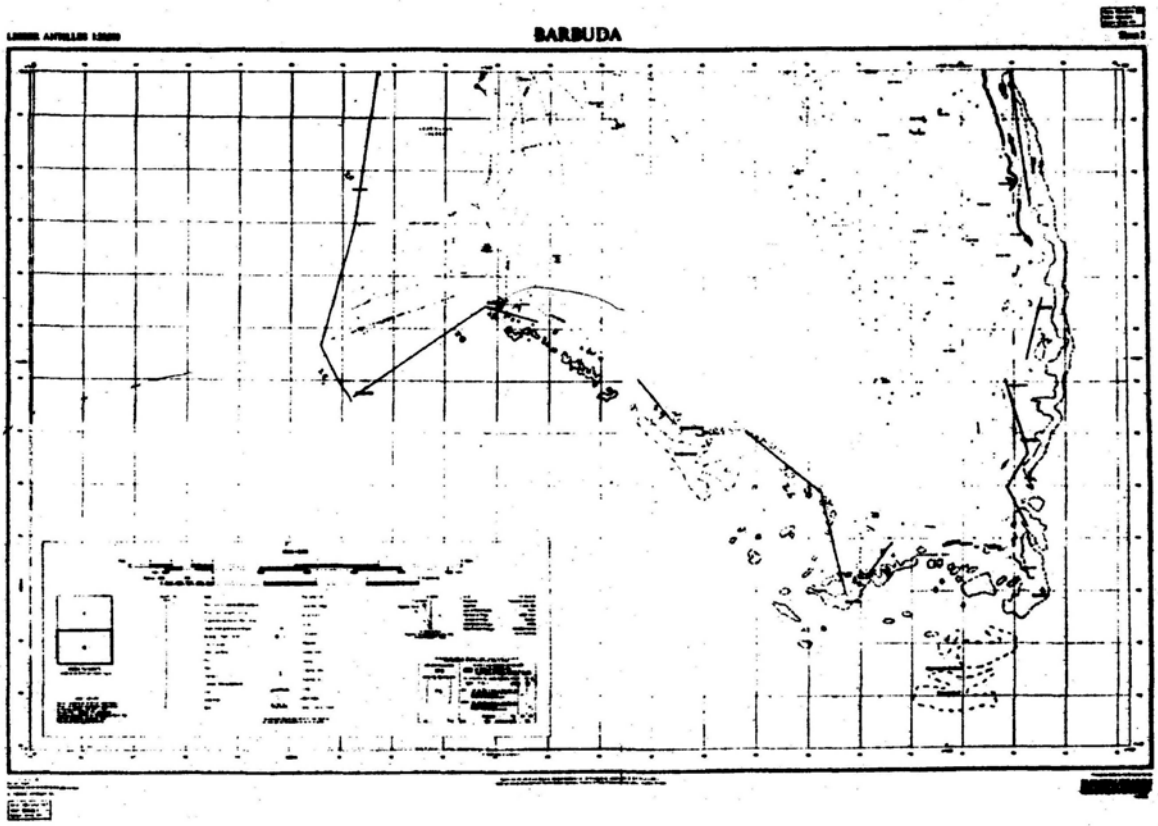
E.P.S. Bell,
Clerk of the Council

Figure 1. Antigua and Barbuda – W.A.T.S. National Report Study Area.[1]

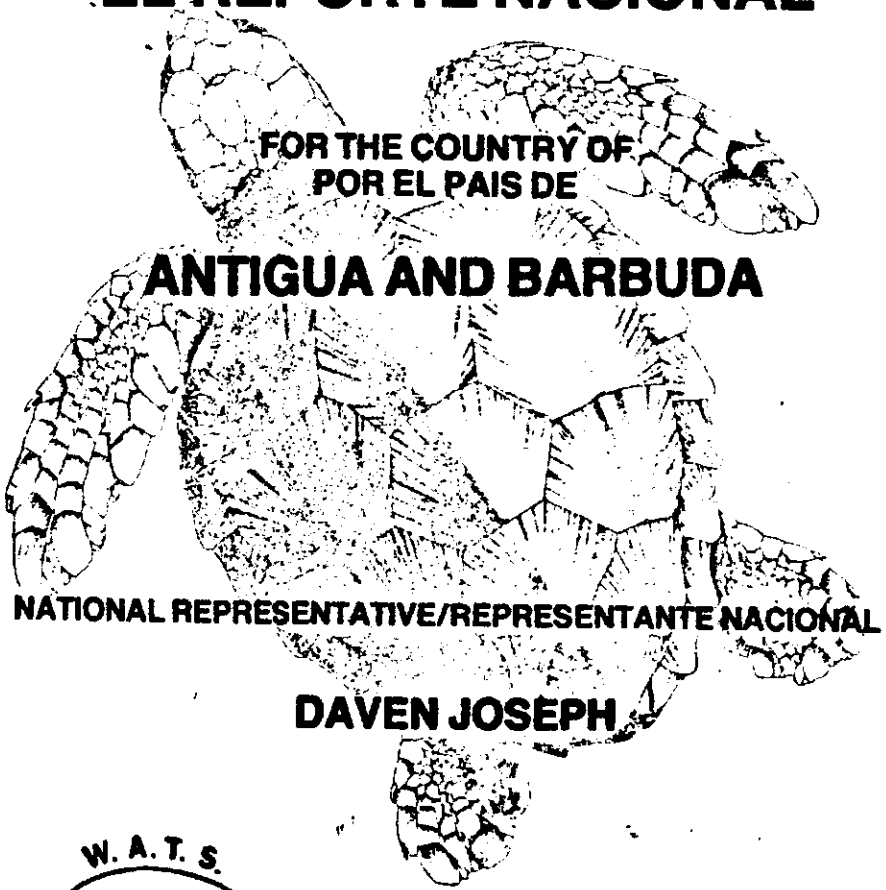




[1] *Editor's Note (2009):* Maps and figures are reprinted exactly as they appear in the original WATS I Proceedings (Bacon et al. 1984); we regret the poor quality exhibited in some cases.


BARBUDA

THE NATIONAL REPORT
EL REPORTE NACIONAL



FOR THE COUNTRY OF
POR EL PAIS DE

ANTIGUA AND BARBUDA

NATIONAL REPRESENTATIVE/REPRESENTANTE NACIONAL

DAVEN JOSEPH

W. A. T. S.
S. T. A. O.

Western Atlantic Turtle Symposium
Simposio de Tortugas del Atlantico Occidental

17-22 July/Julio 1983
San Jose, Costa Rica

W. A. T. S.
S. T. A. O.

WESTERN ATLANTIC TURTLE SYMPOSIUM

San Jose, Costa Rica

July 1983

NATIONAL REPORT FOR THE COUNTRY OF

ANTIGUA AND BARBUDA

NATIONAL REPORT PRESENTED BY

Daven Joseph
The National Representative

Address: c/o Permanent Secretary
Ministry of Lands, Agriculture,
Lands and Fisheries
St. Johns, Antigua WI

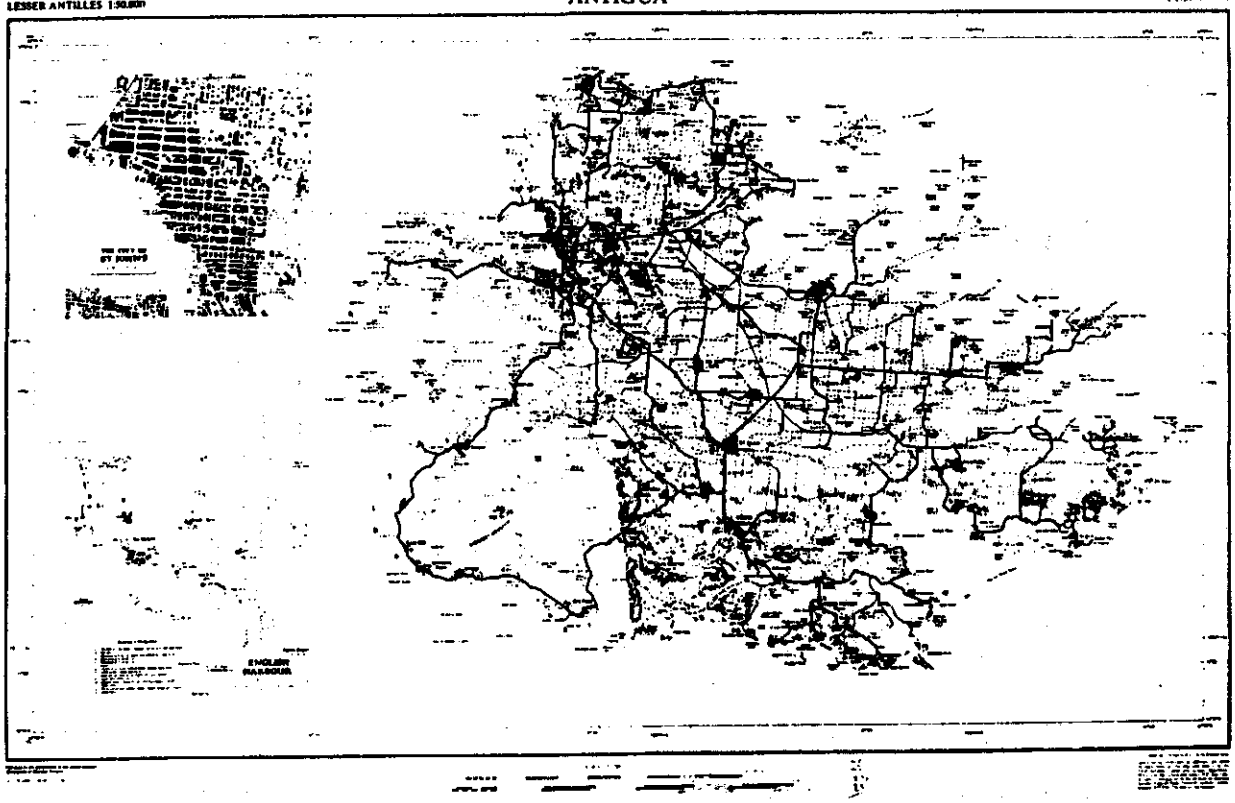
NATIONAL REPORT PREPARED BY

Mr. DAVEN JOSEPH (FISHERIES OFFICER)
Mr. JOHN FULLER (SEA TURTLE CONSERVATION
Mr. Ralph Camacho (Fisheries Advisor)

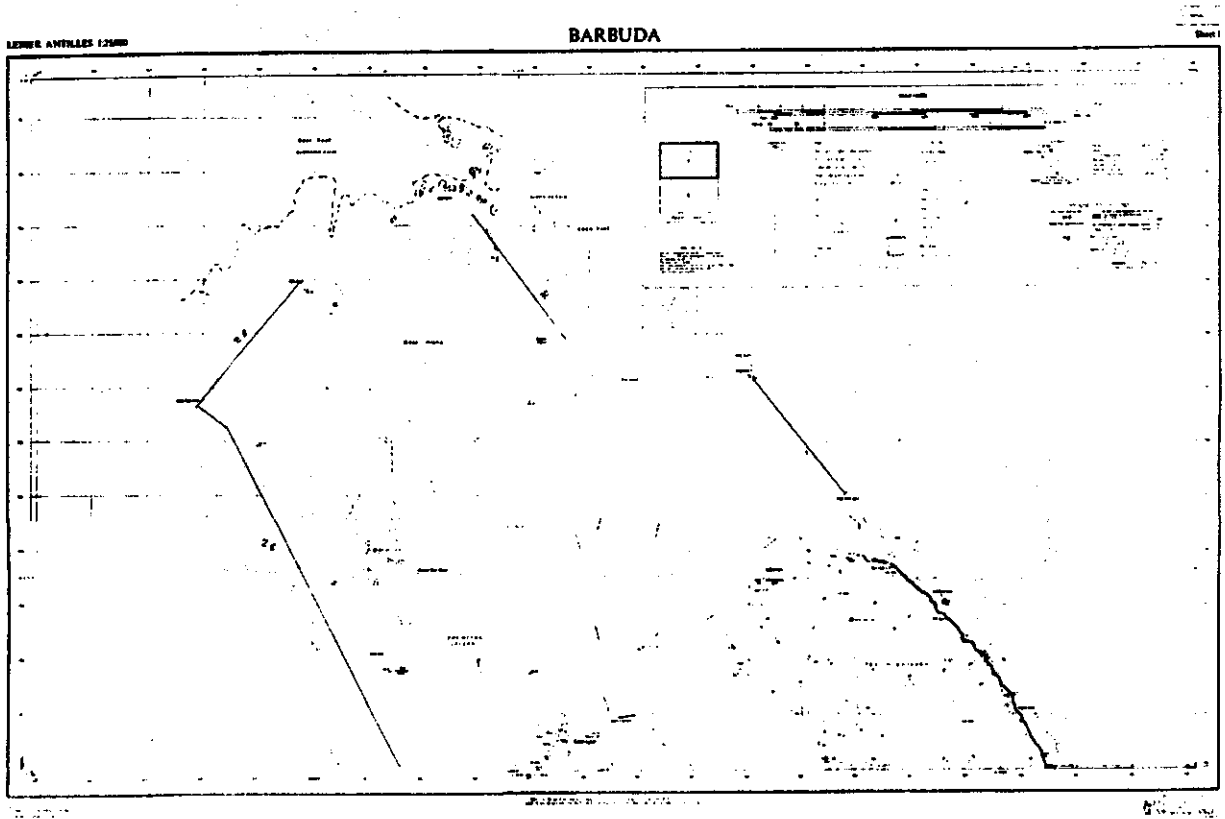
DATE SUBMITTED: March 2, 1981

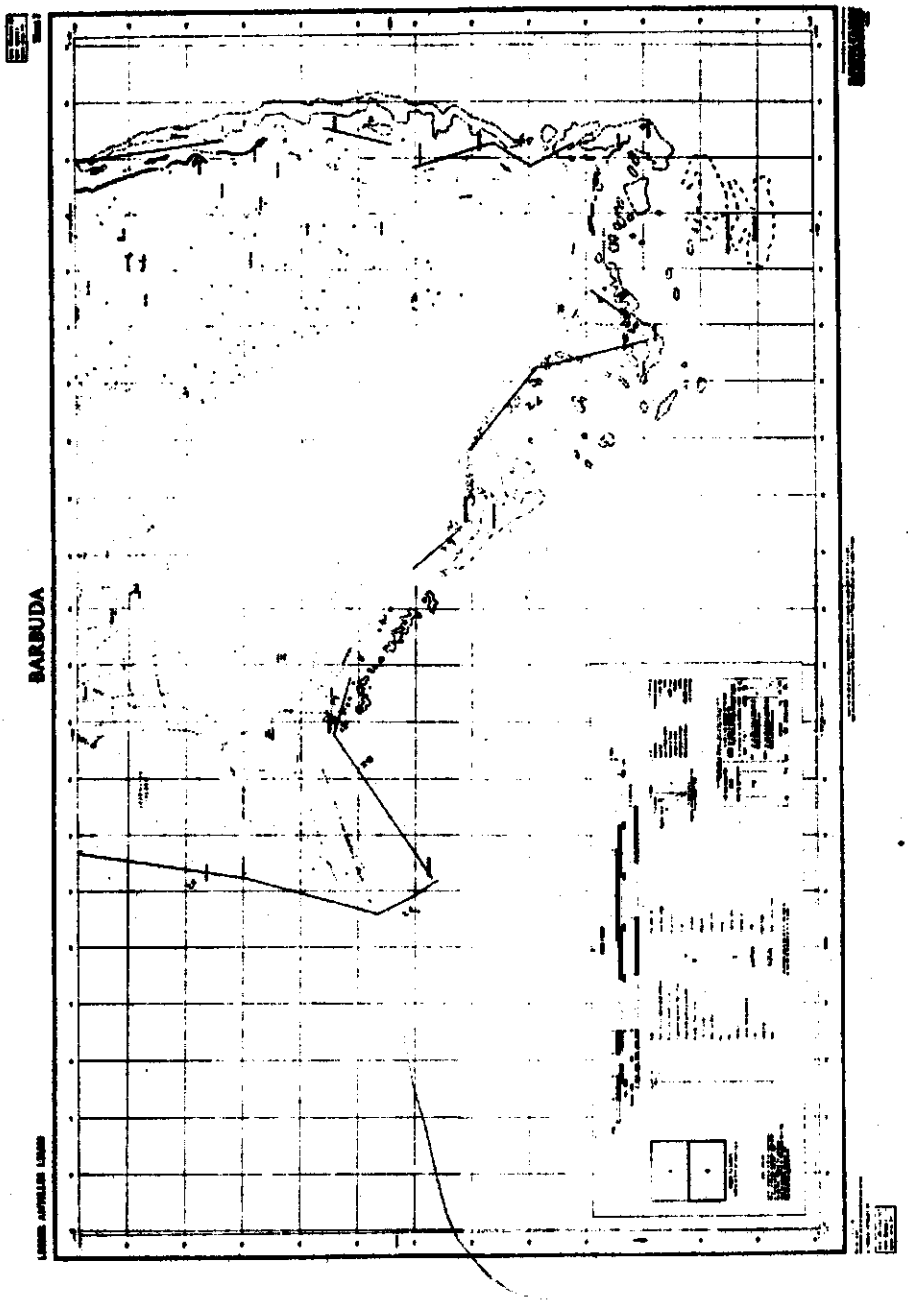
! Please submit this NATIONAL REPORT no later than 1 December 1982 to: IOC Assistant Secretary for IOCARIBE, % UNDP, Apartado 4540, San Jose, Costa Rica.

ANTIGUA



BARBUDA




BARBUDA

Country ANTIGUA = 168 k.m. BARBUDA = 113 k.m.

Length of Coastline* ..... 281 Km

Km^2 of Continental Shelf Area ..... 3400 Km

Seaward Extent of Jurisdictions:

Territorial Sea ..... 19.3 Km

Extended Economic Zone ..... 482.8 Km

Fisheries Jurisdiction .....NONE..... ___ Km

Other (Describe) _____ ... ___ Km

TABLE 1. GEOGRAPHIC INVENTORY ANTIGUA AND BARBUDA is a 3 island State, the third being Redonda which/excluded because its coastline, being all vertical stone is unsuitable for any turtle habitat of significance. The coastline of Antigua and Barbuda is legally undivided (save for 2 small conservation areas) with respect to marine wildlife and is all suitable for marine turtle habitat. The ~~insular~~ continental shelf is an ideal habitat for selected marine turtle species and Antigua and Barbuda's coastline contains 102 km of available / * Coastline length is the measurement of the national seaward boundary of a country; i.e., the distance from border to border for a coastal country and the distance around an island country.

TABLE 1. (cont'd)

Nesting beaches. Antigua 26 km; Barbuda 76 km.

MARINE SHORELINE CHARACTERISTICS*	No OF SHORELINE		
	UNDEVELOPED	DEVELOPED**	TOTAL
1. Sand Beach (Total) 95% Sand only with most undeveloped sparsely covered with sand vine	73	29	102
A. High Energy	1	0	1
B. Low Energy (incl. 5k.m. of mono Beaches-no surf)	73	27	101
2. Reef (exposed) offshore 200' - 500'	6	1	7
3. Rocks none significantly obstructs any beach (volcanic, limestone and coral)	29	67.5	96.5
4. Cliffs	12	0	12
5. Vegetation (Total)	73	29	102
A. Vines { on beaches } both often found together	58.4	14.5	72.9
B. Grasses { on beaches }	51.1	26.1	77.2
C. Mangroves	54%	10	64%
D. Coconut Trees	0	5%	5%
E. Other Trees or Shrubs usually with vine and grass	43.8	11.6	55.4
F. Marshes	5	0	5
6. Mouths of lagoons, rivers, canals	1	0	1
7. Total Shoreline	174.5	106.5	281

TABLE 2. COASTAL HABITAT INVENTORY OF MARINE SHORELINE * Refer to SEA TURTLE MANUAL (Aerial Survey) ** Human development or use (See MANUAL)

HABITAT BOTTOM TYPES	Km^2 OF HABITAT	
	INSIDE 25m (SHOREWARD)	OUTSIDE 25m (SEAWARD)
1. Sand	4.0 km^2	68 km^2
2. Mud	.15km^2	5 km^2
3. Rocks	.35km^2	5 km^2
4. Submerged Vegetation	2.08km^2	3000
5. Reefs (Total)	.45km^2	25 km^2
A. Fringing Reefs	.25km^2	20 km^2
B. Patch Reefs	.2 km^2	5 km^2
6. Other Coral & Rocks, vegetation mixed		304

TABLE 2A. MARINE HABITAT INVENTORY OF BOTTOM TYPES

ANTIGUA

NAME OF BEACH	LENGTH IN KM	SPECIES NESTING (Use abbreviations)*	MONTHS OF RECORDED NESTING
1. Carlisle Bay	.3	E	July
2. Curtain Bluff	.3	D	April
3. Morris Bay	.5	E	September
4. Crabb Hill Bay	.6	E	August
5. Darkwood Beach	.6	E	August
6. Fryes Bay	.4	E	August
7. Valley Church Bay	.4	E	June
8. Pearns	.6	E	July
9. Pinchin Bay	.5	E & Cm	June, July
10. Runaway Bay	1.0	E	October

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:
Caretta caretta Cc
Chelonia mydas Cm
Dermochelys coriacea D
Eretmochelys imbricata E
Lepidochelys kempi Lk
Lepidochelys olivacea Lo

NAME OF BEACH	LENGTH IN KM	SPECIES NESTING (Use abbreviations)*	MONTHS OF RECORDED NESTING
11. Elyza Bay	.7	D	May, April
12. Dutchman Bay	.3	D	April
13. Pasture Bay	.2	E & Cm	June, July
14. Grape Bay	.2	E & Cm	June, July
15 Long Bay	.7	E	July
16. Hog Hole	.05	E	July
17 Green Island	1.3	E	July-September
18 Hill Reef	.8	A	October
19. Machin Bay	.3	D	August
20. Indian Creek	.05	E	July
21 Winnard Bay	0.1	E	
22 Dieppe Bay	0.6	E	
23 Turtle Bay	0.5	E	
24 Rendezvous Bay	0.3	E	
25 Tucks Bay	0.5	E	

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

TABLE 3. NESTING BEACH INVENTORY
(Supplementary page) ANTIGUA

Please give additional information about each nesting beach identified in Table 3. Include information on color of sand, particle size, beach profile, backbeach vegetation, artificial lighting, etc.

1. Carlisle Bay - Beige - Fine 5°-10° Coconut no lights
2. Curtain Bluff - Beige - Fine 10°-15° Grass Hotel
3. Morris Bay - Beige - Fine 20° Grass Coconut - small Hotel
4. Crabb Hill Bay - White - Fine 5°-10° Shrub Village
5. Darkwood - white - fine 5° coconut no lights
6. Fryes Bay - white - fine 10°-15° Grass & Trees no lights
7. Valley Church - white - course 10° Grass & shrub no lights
8. Petras - Beige - fine 15°-20° shrub & vine
9. Pinchin Bay - Beige - fine 10°-15° - rub ! vine no lights
10. Runaway Bay - white - medium 5°-10° Grass vines & shrub- hotel
11. Ely's Bay - white - medium 5°-10° vine & grass & shrub
12. Dutchman's Bay - white - medium -5° vine & grass hotel
13. Pasture Bay - white - medium 5°-10° grass, vine & shrubs - no lights
14. Grape Bay - white - medium 5°-10° grass, vine & shrub no light
15. Long Bay - white - medium 5°- grass, trees - light
16. Hog Hole - white - medium 5° No Vegetation - no light
17. Green island (two east garrae beaches) white - medium 5°-10° grass, vine, shrub - no light
18. Hill Reef (3 beaches) white - medium 5°-10° - grass, vine - no light
19. Machin Bay - white - medium 5°-10° grass and vine - no lights
20. Indian Creek - beige - medium 10° grass no light
21. Winchard Bay - beige - fine 10°-15° see grape & vine - no light
22. Dieppe Bay - beige - medium 10°-15° see grape & vine no light
23. Turtle Bay - beige - medium 10°-15° see grape & vine no light
24. Rendezvous Bay - beige - medium 10°-15° see grape & vine no light
25. Tucks Bay - beige - medium 10°-15° see grape & vine no light

* Number on this Supplement see Reference to [illegible]

NAME OF BEACH	LENGTH IN KM	SPECIES NESTING (Use abbreviations)*	MONTHS OF RECORDED NESTING
18 Cocoa Point Beach	5	E & E & Cm	April, May, June, July, August, Sept - Nov.
Spanish Well Point	.1	E	
19 Continuous Beach	21	D & E & Cm	May, April to Nov. (inclusive)
20 North Beach	1	E & Cm	April to October (Inclusive)
21 Rabbit Island Beach	4	E & Cm	May to Nov. (")
Hog Point to Two Foot Bay (Inclusive)	4	E & Cm	May to Nov. (")
23 Rubbish Bay	.5	E & Cm	May to October (")
24 Castle Bay	.5	E & Cm	May to Nov. (")
25 Welch Point Beach	1.5	E & Cm	May to October (")
26 Pelican Bay	4.5	E & Cm	May to Nov. (")
27 Spanish Point	.5	E	May to Nov. (")

TABLE 3. NESTING BEACH INVENTORY
List beaches in geographic sequence.
Provide additional information on following page.

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

TABLE 3. NESTING BEACH INVENTORY
(Supplementary page) BARBUDA

Please give additional information about each nesting beach identified in Table 3. Include information on color of sand, particle size, beach profile, backbeach vegetation, artificial lighting, etc.

26. Coconut Beach - white - fine 5°-15° Vine & Grass- little lights
27. Spanish Well Point - white - fine 5°-15° Glass & Shrub- no lights
28. River to Billy Point - * Medium to fine 10°-30°-Grass vine & shrubs, no li
29. North Beach - White - Medium 5° Grass & vine no lights
30. Rabbit Island Beach - white - Medium 5°-30° Grass & vine no lights
31. Hog Point to Two Foot Bay- White - medium 5° 30° Grass vin Little light
32. Rubbish Bay - white - Medium 5°-10° Grass &vine, no lights
33. Castle Bay - White - Medium 10°-30° " " " "
34. Welch Point Beach - White - Medium 10°-30° Grass & vine, no lights
35. Pelican Bay - White - Medium - 5°-20° Grass & vine no light
36. Spanish Point - White - Medium 5° " " " "

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	NR		
Dermochelys coriacea	NR		
Eretmochelys imbricata	present	1	June 1981
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 1 NESTING CENSUS FOR BEACH CARLISLE BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	less than 1	May 1979
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 2 NESTING CENSUS FOR BEACH CUTTERS REEF
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	less than 1	October 1976
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 3 NESTING CENSUS FOR BEACH HORSE BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	yearly reports in July and August from Fishermen
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 4 NESTING CENSUS FOR BEACH CRAWL HILL BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	negligible	less than 1	June 1981
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 5 NESTING CENSUS FOR BEACH DARK WOOD
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	negligible	less than 1	July 1980
Dermochelys coriacea			
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 6 NESTING CENSUS FOR BEACH PETER BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	negligible	less than 1	June 1982
Dermochelys coriacea			
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 7 NESTING CENSUS FOR BEACH VALLEY CHURCH BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	Negligible	2	July 1982 June 1981
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	July 1982 June 1981
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 8 NESTING CENSUS FOR BEACH PEARNS BEACH
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	1	January
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 9 NESTING CENSUS FOR BEACH DUNCTON BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			July 1981 August 1981
Eretmochelys imbricata	Negligible	1	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 10 NESTING CENSUS FOR BEACH RUNAWAY BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	less than 1	April and May 1981
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 11 NESTING CENSUS FOR BEACH KLYS BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea	Negligible	less than 1	April 1981
Eretmochelys imbricata			
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 12 NESTING CENSUS FOR BEACH DUTCHMAN'S BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	Negligible	4	June, July Annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	4	June, July Yearly
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 13 NESTING CENSUS FOR BEACH PASTURE BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	Negligible	3	June , July Annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	3	June, July Annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 14 NESTING CENSUS FOR BEACH GRAPE BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligable	June - September	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 15 NESTING CENSUS FOR BEACH Long Bay
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	less than 1	September 1980
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 16 NESTING CENSUS FOR BEACH HOG HOLE
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 17 NESTING CENSUS FOR BEACH Green Island
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			June - October
Eretmochelys imbricata	less than 1		
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 18 NESTING CENSUS FOR BEACH Mill Reef
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	less than 1	August 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 19 NESTING CENSUS FOR BEACH MATCHING BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	1	Annual Reports July
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 2Ar. NESTING CENSUS FOR BEACH INDIAN CREEK
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 21 NESTING CENSUS FOR BEACH Windward Bay
(Name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 22 NESTING CENSUS FOR BEACH Plaype Bay
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 23 NESTING CENSUS FOR BEACH Turtle Bay
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 24 NESTING CENSUS FOR BEACH Tanjakyeun Bay
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than 1		June - October
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 25 NESTING CENSUS FOR BEACH Tucke Bay
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			May, June, July, August October, Annually
Chelonia mydas	less than 1	5	April 1981
Dermochelys coriacea	Negligible	less than 1	May - November (inclusive - Annually
Eretmochelys imbricata	less than 1	12	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 26 NESTING CENSUS FOR BEACH COCO POINT
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	2	May and June 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 30 NESTING CENSUS FOR BEACH SPANISH WELL POINT
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			June - October (inclusive) Annually
Chelonia mydas	less than 1	25	May 1977
Dermochelys coriacea	Negligible	less than 1	May - November-Annually
Eretmochelys imbricata	less than 1	40	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 28 NESTING CENSUS FOR BEACH [illegible] Beach)
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	Negligible	2	June - October (inclusive Annually
Dermochelys coriacea			
Eretmochelys imbricata	Negligible	8	May - October (Inclusive Annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 29 NESTING CENSUS FOR BEACH NORTH BEACH
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	less than 1	10	June - October (inclusive Annually
Dermochelys coriacea			
Eretmochelys imbricata	less than 1	15	May - November (inclusive Annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 30 NESTING CENSUS FOR BEACH HARRIS ISLAND BEACH
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	less than 1	6	June - October Annually
Dermochelys coriacea			
Eretmochelys imbricata	less than 1	10	May - November Annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 31 NESTING CENSUS FOR BEACH HOG POINT - END FOOT BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas	negligible	3	May to Nov. annually
Dermochelys coriacea			
Eretmochelys imbricata	negligible	5	June to Nov. incl. annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 32 NESTING CENSUS FOR BEACH HUBBARD BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			June 15 to Oct inclusive annually
Chelonia mydas	less than	9	
Dermochelys coriacea			
Eretmochelys imbricata	less than	15	May to Nov inclusive annually
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 23. NESTING CENSUS FOR BEACH CASTLE BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			June to Oct. inclusive annually
Chelonia mydas	less than	8	
Dermochelys coriacea			May to Nov. inclusive annually
Eretmochelys imbricata	1	14	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 24. NESTING CENSUS FOR BEACH WELCH POINT BEACH
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			June to Oct. inclusive annually
Chelonia mydas	less than	6	
Dermochelys coriacea			May to Nov. inclusive annually
Eretmochelys imbricata	less than	10	
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 25. NESTING CENSUS FOR BEACH PELICAN BAY
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

SPECIES	NUMBER OF NESTS		DATES OF DATA COLLECTION
	Nests/Night (Average)	Nests/Season (Estimated)	
Caretta caretta			
Chelonia mydas			
Dermochelys coriacea			
Eretmochelys imbricata	less than	2	Oct. 1982
Lepidochelys kempi			
Lepidochelys olivacea			

TABLE 4 - 26. NESTING CENSUS FOR BEACH SPANISH POINT
(name)

Please complete one of these tables to summarize census data for each beach listed in Table 3. Number tables sequentially (4-1, 4-2, 4-3, etc.) as enumerated in Table 3.

DATE	BEACHES SURVEYED	NUMBERS OF NESTING TRACKS						
		Cc	Cm	D	E	Lk	Lo	NO I. D.
11.10.8	RIVER TO BILLY POINT (No.24)	—	—	—	—	—	—	8
11.10.8	HORNE BEACH (No.25)	—	—	—	—	—	—	0
11.10.8	RABBIT ISLAND BEACH	—	—	—	—	—	—	1
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

TABLE 5. AERIAL BEACH SURVEY SUMMARY
Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

TABLE 5. AERIAL BEACH SURVEY SUMMARY
(Supplementary page)

Give any additional information available from aerial surveys. Information should include ground truth observation if conducted.

4 of the 8 tracks on beach No.24 were less than 24 hours old. The others were possibly as old as one week. No ground truth observation conducted.

SPECIES \ YEAR	1982	1981	1980	1979	1978	1977
Caretta caretta	0	0	0	0	0	0
Chelonia mydas	39	N.A.	N.A.	N.A.	N.A.	N.A.
Dermochelys coriacea	1	1	N.A.	N.A.	N.A.	N.A.
Eretmochelys imbricata	76	N.A.	N.A.	N.A.	N.A.	N.A.
Lepidochelys kempi	0	0	0	0	0	0
Lepidochelys olivacea	0	0	0	0	0	0

TABLE 6. ESTIMATED POPULATIONS OF NESTING FEMALES.
Summarize the estimated number of nesting females for the years indicated and describe methods of estimation on the next page.

TABLE 6. ESTIMATED POPULATIONS OF NESTING FEMALES.
(Supplementary page)

Please give brief details on methods of estimation for Table 6.

ESTIMATE TOTAL NESTS & DIVIDE BY 2.

N.A. - NOT AVAILABLE

NAME OF AREA (or give coordinates)	APPROX. AREA (km^2)	SPECIES FORAGING (Use abbreviations & approx. numbers)	NATURE OF EVIDENCE (Observation, fishery, incidental catch)
The whole of the continental shelf around Antigua & Barbuda is evidently a suitable foraging habitat for CM & E year round whereas D is seen usually only in April and May and the young rarely, if ever, after hatching. N.B. Jellyfish swarm in July and August co-incid:ng with most D hatching.	3400km^2	CM E D	Observation Fishery It is a rare sea voyage in the territorial waters of Antigua & Barbuda that one does not observe some CM or E

TABLE 7. FORAGING AREAS INVENTORY

N.B. See attached note re "HOLATTO" TURTLE

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

SPECIES \ MONTH	J	F	M	A	M	J	J	A	S	O	N	D	MONTHS OF GREATEST ACTIVITY
Caretta caretta													
Chelonia mydas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dermochelys coriacea				✓	✓	✓	✓	✓	✓	✓			
Eretmochelys imbricata	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Lepidochelys kempi													
Lepidochelys olivacea													

TABLE 8 - TURTLE SPECIES PRESENT ON FORAGING AREAS.
Please complete one of these tables for each of the areas identified in Table 7. Number each table as enumerated in Table 7 (7-1, 7-2, etc.).

LIFE STAGE UNIT	SPECIES (abbrev.)	CAUSES*	EXTENT OF MORTALITY (% of unit)
Nests/eggs		NO RELIABLE INFORMATION AVAILABLE HOWEVER: LITTLE OR NO EROSION TAKES PLACE ON NESTING BEACHES. NO EVIDENCE EXISTS OF CRAB PREDATION OF *these* NESTINGS AND THERE IS NO RELIABLE OBSERVATION OF SEA BIRD PREDATION. NO WILD ANIMALS EXIST HERE. TIGER SHARKS HAVE BEEN CAUGHT WITH UNDIGESTED CAREY IN THEIR STOMACHS A LARGE GREEN WAS DISCOVERED DEAD ON DUTCHMAN'S BAY - NO APPARENT CAUSE SAVE FOR GROWTHS WHERE LIMBS JOINED *CARCASS*. UNDOUBTEDLY THERE IS CONSIDERABLE PREDATION BY FISH - GROUPERS, SNAPPERS ETC... *RECENT REPORTS OF POACHING PRESENT AT MINIMUM ABSENCE AT LOCAL BAY.*	
Hatchlings			
Juveniles			
Adults (in water)			
Nesting females			

TABLE 10. NATURAL MORTALITY

* Natural mortality causes may include: Beach erosion of nests; egg and/or nestling predation by crabs, wild animals, sea birds, etc.; disease; sharks and other predators at sea; etc.

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	D
Eretmochelys imbricata	E
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

NAME OF PORT OR SITE	SPECIES LANDED (Use abbrev)	FISHING GEAR USED	MONTHS OF LANDINGS	NUMBERS & WEIGHTS (Estimate
1. ST. JOHN'S	DO CM EI	NETS	AUG-APRIL	MOST AVAILABLE
2. PARHAM	CM EI	NETS	•	•
3. VALLEY CHURCH BAY	CM EI	NETS	•	•
4. OLD ROAD	CM EI	NETS	•	•
5. CODRINGTON	CM EI	NETS & BOAT CHASE	•	•
6.				
7.				
8.				

TABLE 11. LANDING SITES FOR TURTLES & TURTLE PRODUCTS

Species Abbreviations:

Caretta caretta	Cc
Chelonia mydas	Cm
Dermochelys coriacea	De
Eretmochelys imbricata	Ei
Lepidochelys kempi	Lk
Lepidochelys olivacea	Lo

ANTIGUA

No. 17 of 1927

An Ordinance for the Protection of Turtles and Terteises.

BE IT ORDAINED by the Governor and Legislative Council of Antigua as follows:-

1. This Ordinance may be cited as the Turtle Ordinance, 1927. Short Title.

2. In this Ordinance the word "Turtle" shall be deemed not to include the Logger head Turtle (Thalassochelyscaretta). Interpretation.
"Terteise" shall include Land Turtle.

3.3. Any person who ---

(a) catches or takes, or attempts to catch or take, or causes to be caught or taken any turtle or turtle eggs between the first day of June and the thirtieth day of September both days inclusive.

(b) at any time catches or takes, or attempts to catch or take, or causes to be caught or taken any turtle which is under twenty pounds in weight.

(c) buys, sells or exposes for sale or has in his possession any turtle eggs between the first day of June and the thirtieth of September both days inclusive.

(d) catches or takes, or attempts to catch or take or causes to be caught or taken any terteise or terteise eggs between the first day of April and the thirty-first day of July both days inclusive.

(e) at any time catches or takes, or attempts to catch or take, or causes to be caught or taken any terteise of which the length measured from neck scale to tail piece is less than ten inches ,

(f) has in his possession any terteise eggs between the first day of April and the thirty-first day of July both days inclusive.

shall be guilty of an offence against this Ordinance, and, on summary conviction, shall be liable to a fine not exceeding Ten Pounds.

4. If any constable shall have reasonable grounds for believing that any person is committing or attempting to commit an offence against this Ordinance he may arrest such person without a warrant. Power of arrest.

5. Any turtle or turtle eggs or any terteise or terteise eggs in respect of which any constable has reasonable grounds for believing an offence against this Ordinance has been committed shall be seized by such constable, and upon the conviction of any person for such offence in respect of the turtle or turtle eggs or terteise or terteise eggs seized, shall be forfeited. Forfeiture of turtle, terteise, etc.

6. Any net, instrument or thing which any constable has reasonable grounds for believing is being or has been used for or in connection with the commission of any offence against this Ordinance shall be seized by such constable, and any Magistrate may, upon the conviction of any person for an offence against this Ordinance in connection with which such net, instrument or thing so seized was used, order such net, instrument or thing to be forfeited. Forfeiture of nets,

7. Upon any conviction under this Ordinance the Magistrate may order that a part of any fine imposed not exceeding a moiety be paid to any person or persons whose information led to such conviction. Moiety of fine to informer

T. E. ST.JOHNSON,
President.

No. 17 of 1927 The Turtle Ordinance, 1927

Passed the Legislative Council the 30th day of June, 1927.

E. F. E. BELL,
Clerk of the Council.

SPECIES \ YEAR	1982	1981	1980	METHOD OF DETERMINATION
Caretta caretta				ESTIMATE BASED ON PERSONAL EXPERIENCE OF FISHERIES OFFICER AND OFFICIAL & UNOFFICIAL ASSISTANTS.
Chelonia mydas	150	NA	NA	
Dermochelys coriacea	1	1	1	
Eretmochelys imbricata	250	NA	NA	
Lepidochelys kempi				
Lepidochelys olivacea				

TABLE 12. TOTAL ANNUAL TURTLE LANDINGS IN NUMBERS AND WEIGHTS (N/Kg)
Do not include turtles caught incidental to other fishing operations (e.g., shrimp trawling).

SPECIES \ YEAR	1982	1981	1980	TYPE OF FISHING ACTIVITY & METHOD OF ESTIMATION
Caretta caretta				NEGLIGIBLE INCIDENTAL CATCH - MOST TURTLE CAUGHT ARE [illegible] WHEN INTENDED TO BE CAUGHT BY FISHERMEN.
Chelonia mydas				
Dermochelys coriacea				
Eretmochelys imbricata				
Lepidochelys kempi				
Lepidochelys olivacea				

TABLE 13. ESTIMATED INCIDENTAL TURTLE CATCH
Give estimated numbers and/or weights.

ACTIVITY	TOTAL ANNUAL NUMBERS OF PERSONS	EST. ANNUAL INCOME FROM TURTLES	COMMENTS
Fishing			
Processing			
Selling			

TABLE 16. EMPLOYMENT DEPENDENT ON TURTLES

NO DIRECT EMPLOYMENT BASED ON TURTLES - ALL TURTLES CAUGHT ARE INCIDENTAL AND MARGINAL TO LOBSTER AND FISHING ACTIVITIES - A TURTLE IS AN "EXTRA" TO WHO CATCHES IT.

TABLE 16. EMPLOYMENT DEPENDENT ON TURTLES
(Supplementary page)

In addition to marketed products, it is estimated that the following are taken annually from beaches or at sea for subsistence use:

A: Subsistence exploitation

1. Estimated number of eggs: 2500
2. Estimated number of nesting females: 30
3. Number of turtles caught at sea: 20
4. Other: _____

B: Social aspects

In addition to the described fishery activities, exploitation of turtles may be permitted in some countries according to special rights or privileges extended to certain groups of people. If such specialized turtle exploitation exists, please give details (i.e., beach rights, ethnic traditions, specific seasons of the year, special permits, etc.).

NONE.

INSTITUTION OR ORGANIZATION NAME AND ADDRESS	NO. OF ACTIVE MEMBERS	ACTIVITIES IN PROGRESS
FISHERIES DEPARTMENT ANTIGUA GOVERNMENT	9	SUPERVISING CLOSE SEASON 1. COMPILING DATA 2. REARING TO MONTH OLD. 3. GENERAL CONSERVATION ACTIVITIES - lobbying. etc.
NO OTHER INSTITUTION BUT SEVERAL INDIVIDUALS.		

TABLE 19. PUBLIC AND PRIVATE INSTITUTIONS CONCERNED WITH TURTLE CONSERVATION/MANAGEMENT/UTILIZATION

NAME AND ADDRESS OF ORGANIZATION	BUDGET ALLOCATION TO TURTLES	NO. OF STAFF ASSIGNED TO TURTLES	COMMENTS ON LEVELS OF ENFORCEMENT
Fisheries Dept. Point Wharf St. John's Antigua		1	Regular bulletin on radio and newspapers against the taking of turtles and eggs during close season.

TABLE 20. REGULATORY AUTHORITY
Indicate all entities with statutory responsibilities (e.g., Fisheries Departments and Ministeries, Police, Coast Guard, etc.)