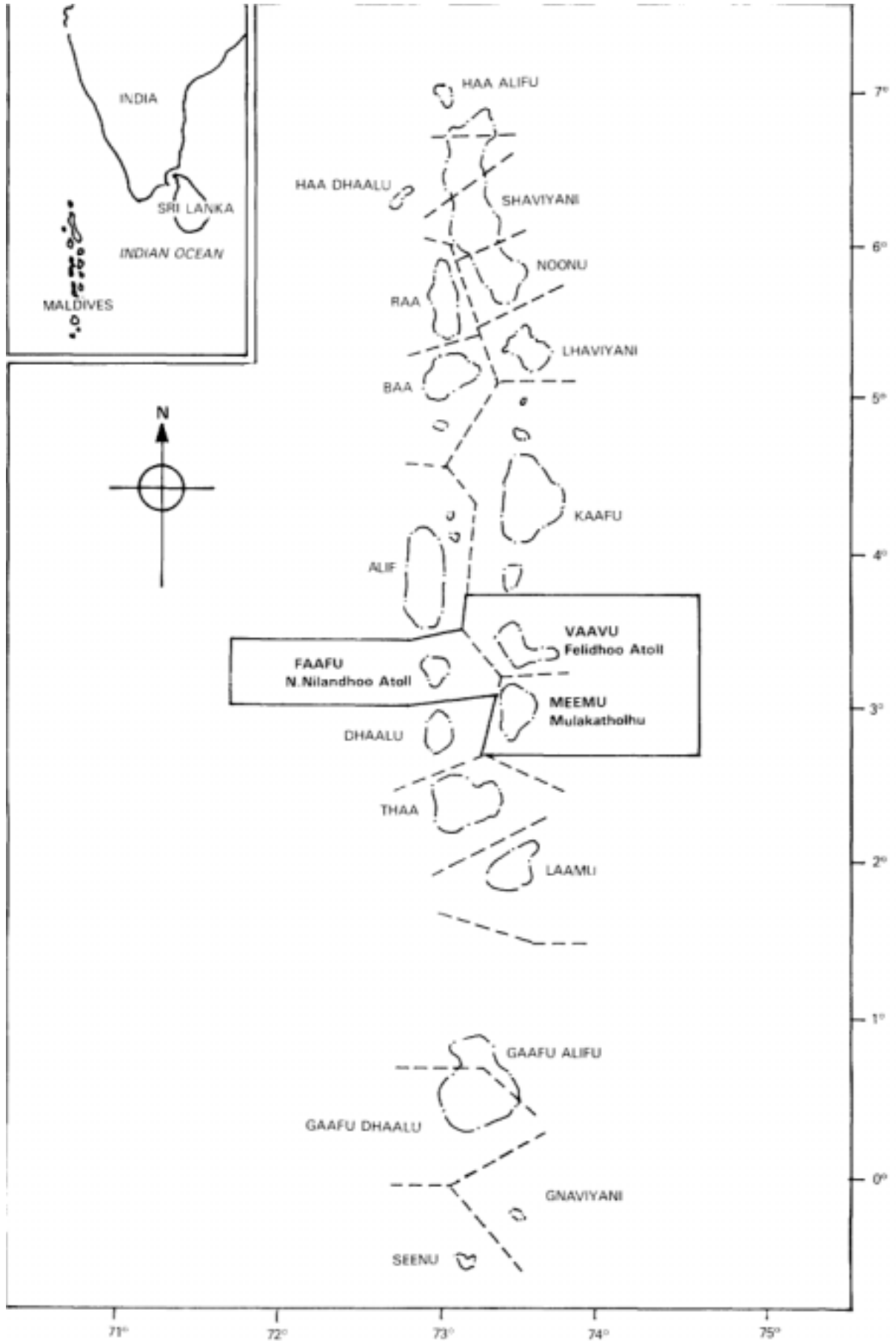


## **APPENDICES**

MAP OF MALDIVES SHOWING PROJECT AREA



**Appendix I**  
**SAMPLING FOR HOUSEHOLD QUESTIONNAIRES**  
**AND DATES OF SURVEY**

<i>Si. No</i>	<i>Date of the Survey</i>	<i>Name of the Island</i>	<i>Total Households</i>	<i>Households Sampled</i>
<b>Faafu Atoll</b>				
1.	August	F. Nilandhoo	97	20
2.	01.12.89	F. Feeali	75	13
3.	02.12.89	F. Bileddhoo	81	16
4.	03.12.89	F. Magoodhoo	50	10
5.	03.12.89	F. Dharabodhoo	42	8
<b>Meemu Atoll</b>				
6.	04.12.89	M Kolhufushi	106	16
7.	05.12.89	M Naalaafushi	53	8
8.	05.12.89	M. Mull	75	12
9.	06.12.89	M Mulah	103	18
10.	06.12.89	M Vevvah	26	4
11.	07.12.89	M Madifushi	17	4
12.	07.12.89	NI. Raiymandhoo	20	4
13.	07.12.89	M. Dhiggaru	106	16
14.	08.12.89	M. Maduvvarc	66	12
<b>Vaavu Atoll</b>				
15.	10.12.89	V. Rakeedhoo	35	5
16.	10.12.89	V. Keyodhoo	64	9
17.	10.12.89	V. Felidhoo	54	8
18.	11.12.89	V. Thinadhoo	25	4
19.	11.12.89	V. Fulidhoo	43	5
<b>Totaf</b>			<b>1138</b>	<b>192</b>

15% Households were surveyed in Meemu and Vaavu Atoll

25% Households were surveyed in Faafu Atoll



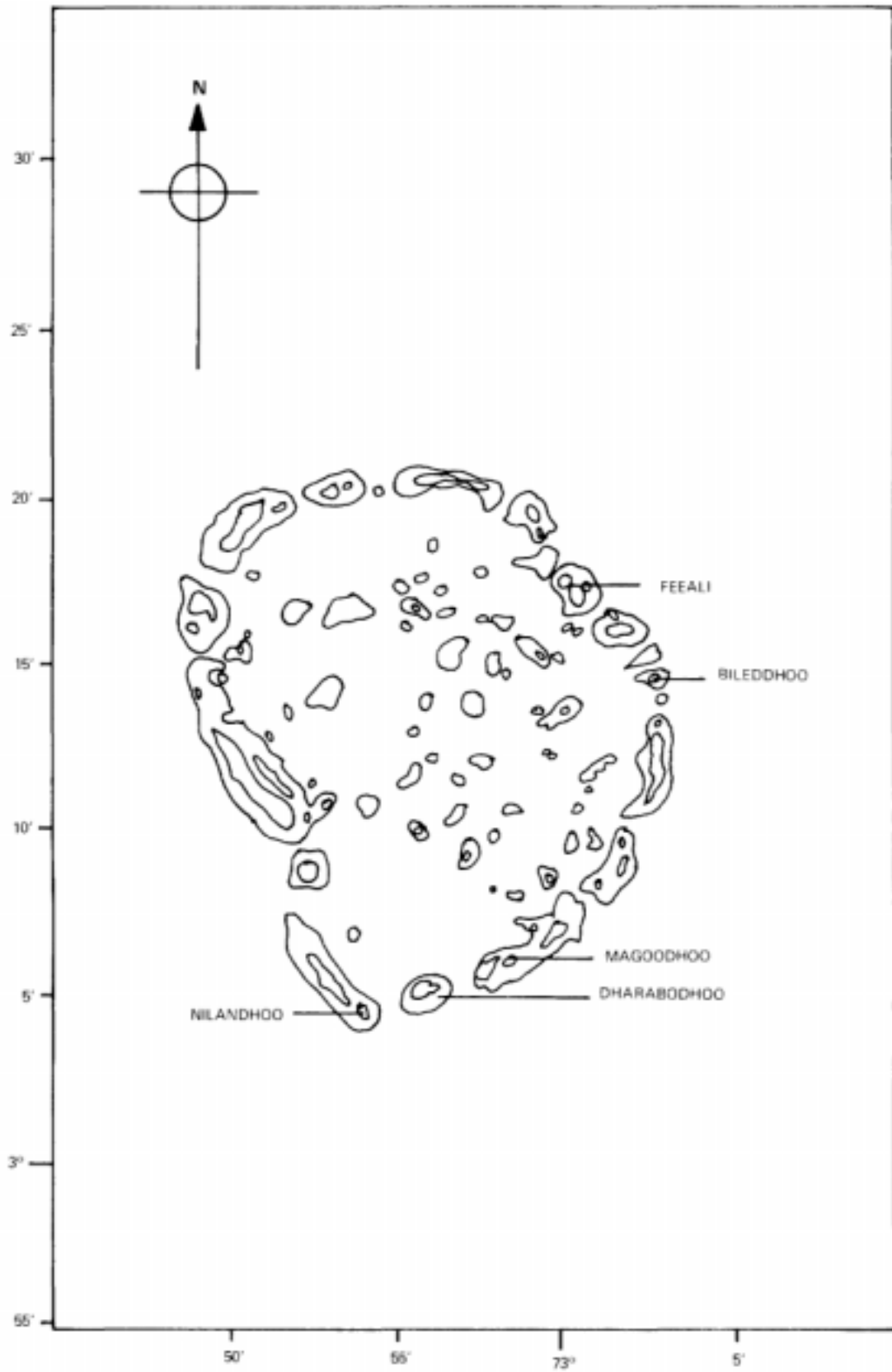
Building a house with bits of the coral reef in the Maldives



The 'yard' outside a few Maldivian homes

**Appendix II**  
**ISLAND FACT SHEETS**

FAAFU ATOLL



ISLAND Nilandhoo  
ATOLL Faafu  
ISLAND CHIEF : Hassan Hamid

**1. POPULATION**

(Above 15 yrs) Male : 528 (Below 15 yrs) Male : 266  
(July 1989) Female 482 Female : 243  
Average Household : 3/4

**2. OCCUPATIONS**

Sand- and coral-mining, building construction, boatbuilding, handicrafts and fishing.

**3. AVAILABLE SKILLS**

Boatbuilders, carpenters, masons, blacksmiths, tailors, mat-weavers, thatch-weavers and rope-makers.

**4. EDUCATION FACILITIES**

One *makihab* for 54 children with two male and two female teachers. One *madrassa* for 241 children with eight male and two female teachers. Presently upto grade 4.

**5. HEALTH SERVICES**

Government health workers, traditional healers, midwife and *fandilhaveriyas*.

**6. VEGETATION**

Coconut, breadfruit, bananas, papaya, pumpkin, chillies and betel nut.

**7. FISH PRODUCTION**

Tuna and reef fish.

**8. FISHERIES INFRASTRUCTURE**

Harbour, jetty, *nerus*, navigation lights, boatbuilders, boat hauling device, engine and boat repair facilities, boat mooring and landing facilities.

**9. FISHING FLEET**

Thirteen mechanized boats, six sailing *dhonis*, 14 trolling boats and seven *bokkuras*.

**10. FISHING SEASON**

March to December. Peak season May to August.

**ii. TOTAL POWER GENERATION** 25 kwh

**12. TOTAL FRESH WATER STORAGE** : 70 kl

**13. DISTANCE TO CAPITAL (hrs)** 2½ hrs

**14. DISTANCE TO MALE (hrs)** 8 hrs

**MAIN FEATURES**

The island has a high population and a rapid population growth. The main occupation in this island is sand- and coral-mining from January to March. Fishing is mostly done for local consumption needs. Some of the boats are used for transport of goods, sand and coral. Electricity is generated by four privately-operated generators. The island has a general provision store owned by the Chief and credit is offered. Fresh water is stored in tanks owned by the community. Several organizations are present and address issues relating to village development, sport/cultural activities, religious matters and education. There is frequent travel by the people to Male and other neighbouring islands.

**CURRENT PROBLEMS**

1. Excessive infestation of rats and bats.
2. Weed growth in lagoon affecting draught and coir production.
3. Scarcity of medicines, medical herbs.
4. Poor child health care.
5. Indiscipline in youth.

ISLAND : Feeali  
ATOLL : Faafu  
ISLAND CHIEF : Moosa Hassan

**1. POPULATION**

(Above 15 yrs) Male : 165 (Below 15 yrs) Male : 172  
Dec. 1989 Female 170 Female : 169

Average Household 6/7

**2. OCCUPATIONS**

Sand- and coral-mining, turtle/lobster fishery, sea cucumber collection, employment in tourist resorts.

**3. AVAILABLE SKILLS**

Mat-weaving, boat-building.

**4. EDUCATION FACILITIES**

One *madraasa* for 124 children with three male and one female teacher. Presently upto grade 7.

**5. HEALTH SERVICES**

Family health worker, midwife and circumcision specialist.

**6. VEGETATION**

Coconut, bananas, breadfruit, mango, papaya, guava, wood apple, *midhili*, brinjal and *thora*.

**7. FISH PRODUCTION**

Sea cucumber, turtle lobster.

**8. FISHERIES INFRASTRUCTURE**

No jetty, beach hauling device available, shallow harbour, *nerus*, navigation lights.

**9. FISHING FLEET**

Twelve mechanized *dhonis* and nine *bokkuras*.

**10. FISHING SEASON**

No fishing.

**11. TOTAL POWER GENERATION** 16 kwh

**12. TOTAL FRESH WATER STORAGE** 120 kl

**MAIN FEATURES**

The main occupation of the islanders is collection of sea cucumber. Fishing is mostly for turtles and lobsters. The tourist resort provides employment for some. Electricity is generated by privately owned generators. Provision stores offers credit. Fresh water is stored in tanks owned by the community. One organization looks after village development issues and youth welfare. Travel to Male is not very frequent, but is fairly regular to neighbouring islands.

**CURRENT PROBLEMS**

1. Weed growth in the lagoon.
2. No jetty.
3. Lack of medicines and inadequate health care services.
4. Lack of firewood.



ISLAND : Bileddhoo  
ATOLL : Faafu  
ISLAND CHIEF : Abdul Ghanee Ibrahim Kaleyfaan

**1. POPULATION**

(Above 15 yrs) Male : 184 (Below 15 yrs) Male : 188  
(Dec. 1989) Female : 166 Female : 182  
Average Household : 9/10

**2. OCCUPATIONS**

Sand- and coral-mining, thatch-weaving, rope-making, carpentry, boatbuilding and fishing.

**3. AVAILABLE SKILLS**

Thatch-weavers, rope-makers, carpenters, boatbuilders and blacksmiths.

**4. EDUCATION FACILITIES**

One *madraasa* for 140 children with two teachers.

**5. HEALTH SERVICES**

One family health worker, one midwife, ten traditional healers, *fandithaveriya* and circumcision specialist.

**6. VEGETATION**

Coconut, bananas, breadfruit, papaya, guava, wood apple, pumpkin, sweet potato, chillies and cabbage.

**7. FISH PRODUCTION**

Reef fish.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *nerus*, navigation lights, boatbuilders, engine and boat repair services.

**9. FISHING FLEET**

Eight mechanized *dhonis*, 19 sailing *dhonis*, 14 trolling boats and 16 *bokkuras*.

**10. FISHING SEASON**

May to August.

**11. TOTAL POWER GENERATION : 8 kwh**

**12. TOTAL FRESH WATER STORAGE : 113 kl**

**MAIN FEATURES**

The main occupation in the island is sand- and coral-mining. Fishing is mostly for reef fish. Coir rope-making is a fairly important occupation for women. Electricity is generated by privately-owned generators. Provision stores offer credit. Fresh water is stored in tanks owned by the community. One organization called the Bileddhoo Orchid Club looks after village development issues. Regular travel to Male and neighbouring islands is undertaken.

**CURRENT PROBLEMS**

1. Shallow harbour.
2. No jetty.
3. Lack of firewood.
4. Insufficient power generation.

ISLAND	Magoodhoo
ATOLL	Faafu
ISLAND CHIEF	Mohamed Ismail

**1. POPULATION**

(Above 15 yrs)	Male	: 126	(Below 15 yrs)	Male	: 101
	Female	: 110		Female	: 97

Average Household        5/6

**2. OCCUPATIONS**

Sand- and coral-mining, fishing.

**3. AVAILABLE SKILLS**

Carpenters, boatbuilders, blacksmiths.

**4. EDUCATION FACILITIES**

One school for 108 students upto grade 6 with three teachers. Three privately run *kiyavaages* for 90 children.

**5. HEALTH SERVICES**

One family health worker, one midwife and one traditional healer.

**6. VEGETATION**

Coconut, bananas, papaya, mango, pumpkin, breadfruit, *chickanda*, sweet potato and chillies.

**7. FISH PRODUCTION**

For local consumption only.

**8. FISHERIES INFRASTRUCTURE**

*Nerus* and jetty.

**9. FISHING FLEET**

Seven mechanized boats, six trolling boats and eight *bokkurczs*

**10. FISHING SEASON**

May to December.

**11. TOTAL POWER GENERATION**        : 8 kwh

**12. TOTAL FRESH WATER STORAGE**     135 ki

**MAIN FEATURES**

Magoodhoo is the capital of Faafu atoll. The main occupation of the people is sand- and coral-mining. Fishing is only for local consumption. Electricity is generated by community-owned generators. Fresh water is stored in community-owned tanks. Provision stores offer credit. One women's organization looks after income-generation activities for women.

**CURRENT PROBLEMS**

1. Lack of medicines and inadequate health care facilities.
2. No collection facilities for fish catch and hence no commercial fishing operations.
3. Inadequate fresh water.

ISLAND : Dharabodhoo  
ATOLL : Faafu  
ISLAND CHIEF Ibrahim Ismail

**1. POPULATION**

(Above 15 yrs) Male 79 (Below 15 yrs) Male : 81  
(Dec. 1989) Female : 47 Female : 68  
Average Household 7/8

**2. OCCUPATIONS**

Sand- and coral-mining, carpentry, masonry and fishing.

**3. AVAILABLE SKILLS**

Blacksmiths.

**4. EDUCATION FACILITIES**

One *madraasa* for 92 children with one teacher.

**5. HEALTH SERVICES**

One traditional healer.

**6. VEGETATION**

Coconut, bananas, mango, pumpkin, brinjal and chillies.

**7. FISH PRODUCTION**

Minimal, and mostly reef fish.

**8. FISHERIES INFRASTRUCTURE**

Harbour and jetty.

**9. FISHING FLEET**

Three mechanized boats, three sailing *dhonis*, four trolling boats and seven *bokkuras*.

**10. FISHING SEASON**

May to December.

**11. TOTAL POWER GENERATION** : 5 kwh

**12. TOTAL FRESH WATER STORAGE** : 64 kl

**13. DISTANCE TO CAPITAL (hrs)** 1 hr.

**14. DISTANCE TO MALE (hrs)** : 10 hrs.

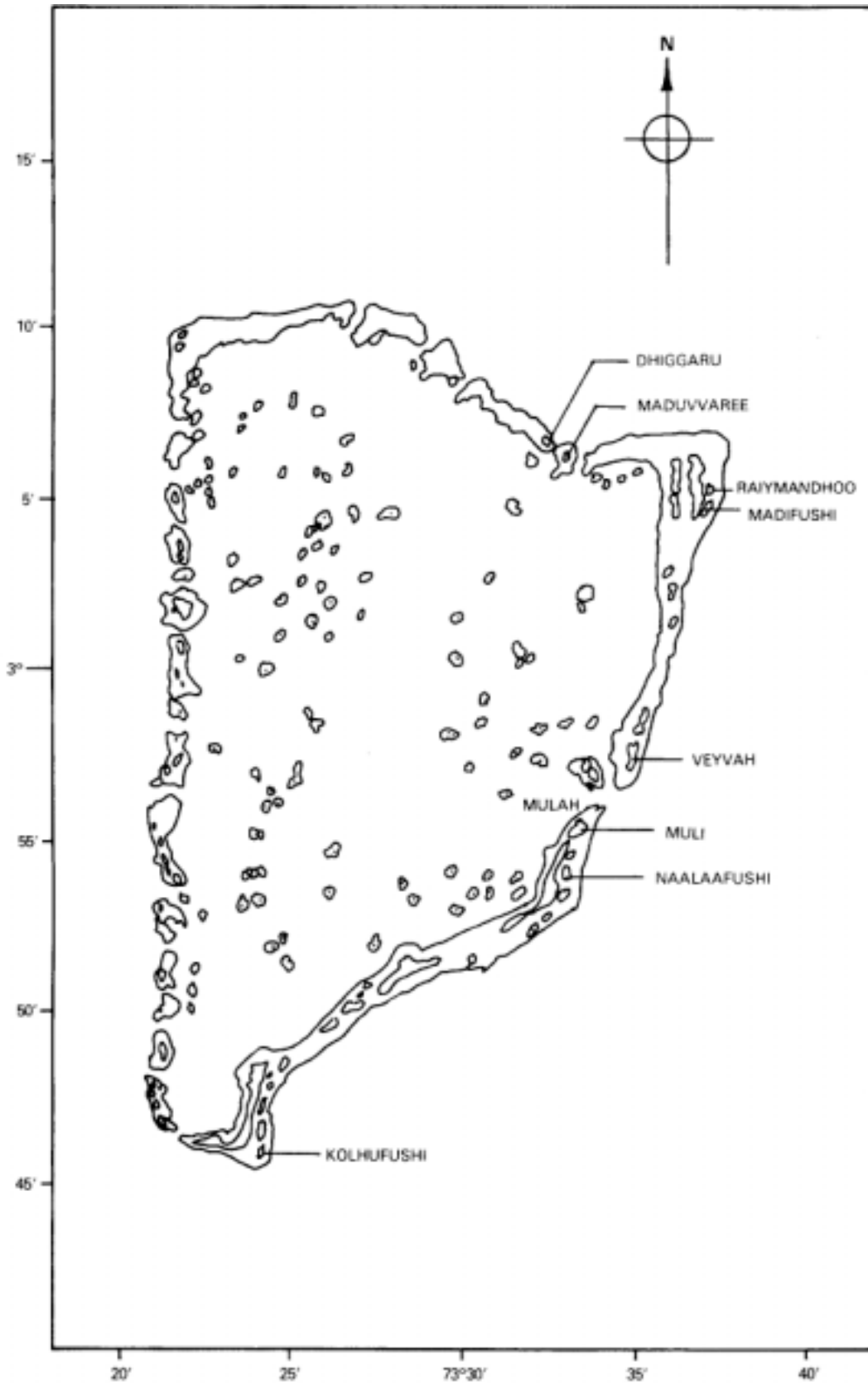
**MAIN FEATURES**

The main occupation in this island is sand- and coral-mining. Fishing is mostly for reef fish. Electricity is generated by privately-owned generators. Fresh water is stored in tanks owned by the community. There is one organization to look after village development matters. Travel to Male is not very frequent.

**CURRENT PROBLEMS**

1. No collection facility for fish catch.
2. Infestation of rats and bats.
3. Lack of employment opportunities and hence migration of menfolk.
4. No trained medical workers and lack of medicines and medical facilities.
5. Shallow *neru*.

MEEMU ATOLL



ISLAND : Kolhufushi  
ATOLL : Meemu  
ISLAND CHIEF : Mohamed Moosa Fulhu

**1. POPULATION**

(Above 15 yrs) Male : 255 (Below 15 yrs) Male : 238  
Female : 223 Female : 224  
Average Household : 8

**2. OCCUPATIONS**

Sea cucumber collection, fishing, collection of sea shells, rope-making and poultry rearing.

**3. AVAILABLE SKILLS**

Rope-makers, thatch-weavers, mat-weavers and embroiderers.

**4. EDUCATION FACILITIES**

One *madrassa* for 24 children with four male and two female teachers.

**5. HEALTH SERVICES**

Family health workers, four midwives, four traditional healers and circumcision specialists.

**6. VEGETATION**

Coconut, bananas, breadfruit, papaya, mango and bamboo.

**7. FISH PRODUCTION**

Sea cucumber, tuna and reef fish.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *nerus*, jetties and boatbuilding.

**9. FISHING FLEET**

Thirteen mechanized boats, seventeen trolling boats and seven *bokkuras*.

**10. FISHING SEASON**

May to December. Peak season May to July.

**11. TOTAL POWER GENERATION : 17 kwh**

**12. TOTAL FRESH WATER STORAGE : 74 kl**

**MAIN FEATURES**

The main occupation of people in the island is collecting sea cucumber. Pole-and-line fishing for tuna and bottom-line fishing for reef fish are also carried out. Several women are engaged in collecting sea shells. Electricity is generated by one community-owned and five privately-owned generators. Fresh water is stored in privately-owned tanks. Food grains like *bimbi*, *kudhibaiv* and *zuvaari* are also grown on the island. One organization looks after village development matters. General provision shops offer credit facilities.

**CURRENT PROBLEMS**

1. Irregular collection facilities for fish catch.
2. Inadequate fuel supplies.
3. Inadequate health care facilities and shortage of medicines.
4. Shallow harbour.
5. Poor condition of jetties.

ISLAND : Naalaafushi  
ATOLL : Meemu  
ISLAND CHIEF : Ali Ibrahim

**1. POPULATION**

(Above 15 yrs)	Male	131	(Below 15 yrs)	Male	: 80
	Female	90		Female	: 77

Average Household : 7/8

**2. OCCUPATIONS**

Fishing, carpentry, masonry and collecting sea cucumber.

**3. AVAILABLE SKILLS**

Blacksmiths and boatbuilders.

**4. EDUCATION FACILITIES**

One *makthab* for 54 children, with one male and one female teacher. Upto Grade 3.

**5. HEALTH SERVICES**

One family health worker and two midwives.

**6. VEGETATION**

Coconut, bananas, breadfruit and papaya.

**7. FISH PRODUCTION**

Tuna, reef fish and shark.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *neru*, jetty and boatbuilders.

**9. FISHING FLEET**

Six mechanized boats, three trolling boats and four *bokkuras*.

**10. FISHING SEASON**

May to December. Peak season May to August.

**11. TOTAL POWER GENERATION** : 5 kwh

**12. TOTAL FRESH WATER STORAGE** : 15.2 kl

**MAIN FEATURES**

Fishing is the main occupation of the islanders. Electricity is generated by a community-owned generator. Rain water is collected in community-owned tanks. A general provision store caters to the needs of the community. One organization looks after development problems.

**CURRENT PROBLEMS**

1. Lack of firewood.
2. Lack of fuel.
3. No collection facilities for fish catch.
4. Soil erosion.

ISLAND : Muli  
ATOLL : Meemu  
ISLAND CHIEF : Abdul Azeez Moosa

**1. POPULATION**

(Above 15 yrs) Male : 189 (Below 15 yrs) Male : 145  
Female : 158 Female : 137

Average Household : 7

**2. OCCUPATIONS**

Fishing, government service, carpentry, boatbuilding, blacksmith and engine repair mechanics.

**3. AVAILABLE SKILLS**

Boatbuilders, blacksmiths, engine mechanics, fishermen and civil servants.

**4. EDUCATION FACILITIES**

One atoll education centre for 14 children with one male and three female teachers. Four *kiyavaages* for children.

**5. HEALTH SERVICES**

Regional hospital, family health worker, three midwives, three traditional healers and three *fandiveriya*.

**6. VEGETATION**

Coconut, breadfruit, bananas, mango, papaya, guava, wood apple, lime, chillies, cabbage, brinjal, maize and millet.

**7. FISH PRODUCTION**

Pole and line fishing for tuna

**8. FISHERIES INFRASTRUCTURE**

*Nerus*, jetties, engine repair facilities and boatbuilders.

**9. FISHING FLEET**

Seven mechanized boats, five *vadhu dhonis*, three *bokkuras* and one diesel launch.

**10. FISHING SEASON**

May, November to December.

**ii. TOTAL POWER GENERATION : 22 kwh**

**12. TOTAL FRESH WATER STORAGE : 22 kl**

**MAIN FEATURES**

Muli is the capital of Meemu Atoll. The main occupation of the islanders is fishing. Muli has a fish processing centre run by the STO and employs local labour. Electricity is generated by both privately-owned and government-owned generators. Fresh water is stored in community-owned tanks as well as household tanks. Besides a community-owned provision store, there are others privately-owned. Most offer credit facilities. Land for cultivation has been allotted to a few individuals as well as to a Women's Development Committee. One organization looks after village development matters.

**CURRENT PROBLEMS**

1. Lack of firewood.
2. Poor condition of jetties.
3. Insufficient power generation.
4. Lack of burial space.
5. Lack of accommodation for visitors to the island.

ISLAND Mulah  
ATOLL : Meemu  
ISLAND CHIEF Ibrahim Moosa

1. **POPULATION**

(Above 15 yrs) Male : 276 (Below 15 yrs) Male : 241  
Female 262 Female 251  
Average Household 8

2. **OCCUPATIONS**

Fishing, farming, carpentry, masonry, boatbuilding and blacksmith.

3. **AVAILABLE SKILLS**

Fishermen, farmers, carpenters, boatbuilders and blacksmiths.

4. **EDUCATION FACILITIES**

One *madraasa* for 232 children with one male and one female teacher. Four *kiyavaages* for 133 children. One male and eleven female teachers.

5. **HEALTH SERVICES**

One family health worker, four traditional healers, four midwives and one performer of circumcision.

6. **VEGETATION**

Coconut, bananas, papaya, guava, pumpkin, chillies, betel, sweet potato, brinjal, *thora* and breadfruit.

7. **FISH PRODUCTION**

Tuna, reef fish, sea cucumber and lobster

8. **FISHERIES INFRASTRUCTURE**

Harbours, *nerus*, jetty, boatbuilders, engine service centre and boat hauling devices.

9. **FISHING FLEET**

Nine mechanized boats, six trolling boats, six *bokkuras* and one fibreglass boat.

10. **FISHING SEASON**

February and from May to August.

11. **TOTAL POWER GENERATION** 12 kwh

12. **TOTAL FRESH WATER STORAGE** : 36.8 kl

**MAIN FEATURES**

The main occupation is fishing. Farming is practised to some extent. Fresh water is stored in community-owned and private tanks. Electricity is generated by privately-owned generators. One club looks after island development matters. A women's committee is active in income-generating activities.

**CURRENT PROBLEMS**

1. Insufficient collection facility for fish catch.
2. Inadequate public toilet facilities.
3. Inadequate power generation.
4. Poor condition of jetty.
5. Inability to increase the fishing fleet.



ISLAND : Veyvah  
ATOLL : Meemu  
ISLAND CHIEF : Ahmed Isaag

**1. POPULATION**

(Above 15 yrs) Male 66 (Below 15 yrs) Male : 55  
Female : 58 Female 36

Average Household : 4/5

**2. OCCUPATIONS**

Carpentry, masonry, boatbuilding, fishing and mat-weaving.

**3. AVAILABLE SKILLS**

Boatbuilders, carpenters, blacksmiths and mat-weavers.

**4. EDUCATION FACILITIES**

One *makthab* for thirty children with one male teacher. One *kiyavaage* for thirty children.

**5. HEALTH SERVICES**

One family health worker, one midwife and two traditional healers.

**6. VEGETATION**

Coconut, breadfruit, bananas, papaya, pumpkin and chillies.

**7. FISH PRODUCTION**

Tuna and reef fish.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *nerus*, jetty and boatbuilders.

**9. FISHING FLEET**

One mechanized boat, six trolling boats and three *bokkuras*.

**10. FISHING SEASON**

May to December. Peak season May to August.

**11. TOTAL POWER GENERATION** 6 kwh

**12. TOTAL FRESH WATER STORAGE** : 1.3 kl

**MAIN FEATURES**

The main occupation of the islanders is fishing. Electricity is generated by a community-owned generator as well as privately-owned household generators. The island has two storage tanks for fresh water. One organization looks after village development matters.

**CURRENT PROBLEMS**

1. Insufficient drinking water storage.
2. Inadequate health care facilities.
3. Infestation of rats, bats and crows.
4. Shallow harbour.
5. Inadequate power generation.

ISLAND : Madifushi  
ATOLL : Meeniu  
ISLAND CHIEF : Ibrahim Ali

**1. POPULATION**

(Above 15 yrs) Male : 45 (Below 15 yrs) Male : 32  
Female : 48 Female : 46  
Average Household : 8/9

**2. OCCUPATIONS**

Collection of sea cucumber, lobster fishing, carpentry, boatbuilding and fishing.

**3. AVAILABLE SKILLS**

Carpenters, boatbuilders and blacksmiths.

**4. EDUCATION FACILITIES**

One *makrhah* for 38 children with two female teachers.

**5. HEALTH SERVICES**

Family health worker, two midwives, two *fandithaveriva* and traditional healers.

**6. VEGETATION**

Coconut, bananas, breadfruit, papaya, tomato, pumpkin and drumstick.

**7. FISH PRODUCTION**

Tuna, reef fish, sea cucumber and lobster.

**8. FISHERIES INFRASTRUCTURE**

Harbours, *nerus*, jetty and boatbuilders.

**9. FISHING FLEET**

Two mechanized boats, one sailing *dhoni*, seven trolling boats and one *bokkura*.

**10. FISHING SEASON**

March to December. Peak season May to July.

**11. TOTAL POWER GENERATION** 3 kwh (to be installed)

**12. TOTAL FRESH WATER STORAGE** : 39.7 kl

**MAIN FEATURES**

The main occupation of the islanders is fishing. Fresh water is collected in community- as well as privately-owned tanks. There is no electricity at present, though a community-owned generator is to be installed shortly. A women's committee looks into village development matters.

**CURRENT PROBLEMS**

1. Rat and bat infestation.
2. Shallow *neru*.
3. No power generation at present.
4. No boat hauling device.



ISLAND : Dhiggaru  
ATOLL : Meemu  
ISLAND CHIEF : Ismail Ibrahim

**1. POPULATION**

(Above 15 yrs)	Male	312	(Below 15 yrs)	Male	202
	Female	290		Female	190
Average Household		7/8			

**2. OCCUPATIONS**

Fishing, carpentry, boatbuilding and rope-making.

**3. AVAILABLE SKILLS**

Carpenters, boatbuilders and blacksmiths.

**4. EDUCATION FACILITIES**

One school for 219 children, with three male and one female teacher.

**5. HEALTH SERVICES**

One family health worker, one midwife and two local practitioners.

**6. VEGETATION**

Coconut, bananas, breadfruit, papaya, lemon, brinjal, pumpkin, fufoo, *thora* and *chickanda*.

**7. FISH PRODUCTION**

Tuna

**8. FISHERIES INFRASTRUCTURE**

One harbour, three *nerus*, one jetty, one set navigation lights, two boatbuilding facilities, one engine mechanic and one boat hauling device.

**9. FISHING FLEET**

Sixteen mechanized boats, seven *vadhu dhoni* and eleven *bokkuras*.

**10. FISHING SEASON**

December, January and May to July.

**11. TOTAL POWER GENERATION** : 17 kwh

**12. TOTAL FRESH WATER STORAGE** : 198 kl

**MAIN FEATURES**

Fishing is the main occupation of the islanders. Fresh water is stored in community tanks. Some households have their own tanks. Electricity is generated by community- and privately-owned generators. Retail shops offer credit facilities. An island club looks into the village development matters. A women's committee is also active in income-generating activities.

**CURRENT PROBLEMS**

1. Shallow harbour.
2. Insufficient space and staff in school.
3. Lack of central sewage system.
4. High population and overcrowding.
5. Inadequate health care services.

ISLAND Maduvvaree  
ATOLL : Meemu  
ISLAND CHIEF Dand Ahmed

### 1. POPULATION

(Above 15 yrs) Male	159	(Below 15 yrs) Male	109
Female :	163	Female :	114

Average Household 6/7

### 2. OCCUPATIONS

Carpentry, boatbuilding and blacksmiths.

### 3. AVAILABLE SKILLS

Carpenters, boatbuilding, blacksmiths and rope-makers.

### 4. EDUCATION FACILITIES

One *makthab* for 95 children with one male and one female teacher. Two *kiyavaages* for 67 children.

### 5. HEALTH SERVICES

One family health worker.

### 6. VEGETATION

Coconut, bananas and papaya.

### 7. FISH PRODUCTION

Tuna.

### 8. FISHERIES INFRASTRUCTURE

One harbour, two *nerus*, jetty and boatbuilders.

### 9. FISHING FLEET

Thirteen mechanized boats, seven trolling boats and six *bokkuras*.

### 10. FISHING SEASON

Peak season May to August.

### 11. TOTAL POWER GENERATION : Nil

### 12. TOTAL FRESH WATER STORAGE 90 kl

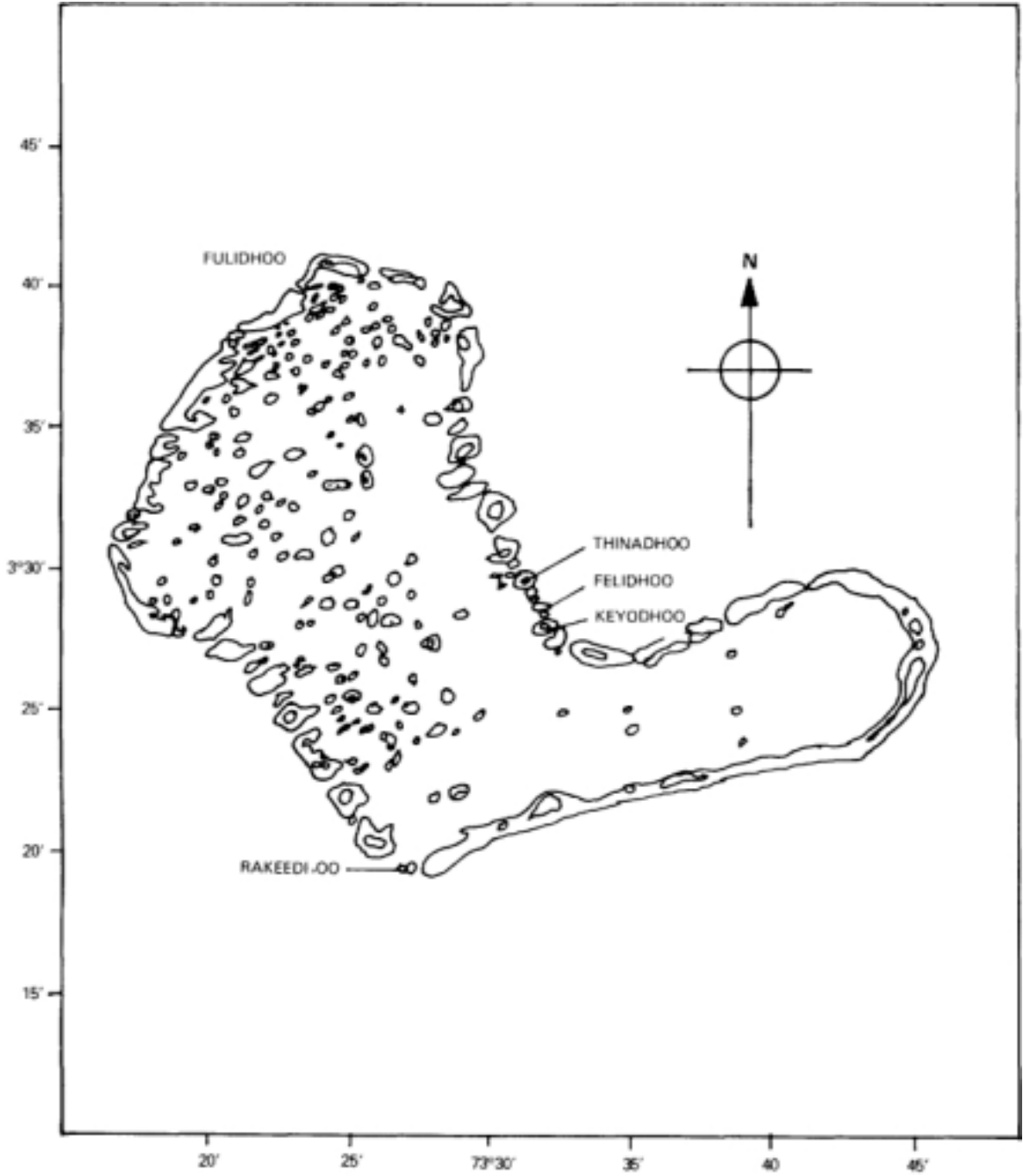
### MAIN FEATURES

Pole and line fishing for tuna is the main occupation of the islanders. A few boats are used in the tourist resorts. Fresh water is stored in community-owned tanks. There is no electricity generated at present, though the community has obtained a loan to purchase a generator. Two retail provision stores offer credit facilities. A youth sports club looks into village development matters.

### CURRENT PROBLEMS

1. Shallow harbour.
2. Lack of firewood.
3. No boat hauling devices.
4. Poor health care facilities.
5. No electric power.

VAAVU ATOLL



ISLAND Rakeedhoo  
ATOLL : Vaavu  
ISLAND CHIEF : Mohamed Adam

**1. POPULATION**

(Above 15 yrs) Male : 89 (Below 15 yrs) Male : 80  
Female : 79 Female 76  
Average Household 8/9

**2. OCCUPATIONS**

Fishing, boatbuilding, carpentry, rope-making, employment in government service and tourist resorts.

**3. AVAILABLE SKILLS**

One boatbuilder, one blacksmith, three carpenters.

**4. EDUCATION FACILITIES**

One *makthab* for sixty children with one male and one female teacher.

**5. HEALTH SERVICES**

One family health worker, one midwife, one traditional healer, one *fandithaveriya*.

**6. VEGETATION**

Coconut, bananas, breadfruit, papaya, lime, pumpkin, *thora*, brinjal, *dhandialuvi*, sweet potato.

**7. FISH PRODUCTION**

Pole-and-line for tuna and reef fishing.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *neru*, jetty, boatbuilder, boat landing and mooring space.

**9. FISHING FLEET**

Six mechanized boats, nine *vadhu dhonis*, one *bokkura*.

**10. FISHING SEASON**

December to January and May to July

**11. TOTAL POWER GENERATION** 8 kwh

**12. TOTAL FRESH WATER STORAGE** 16.5 kl

**MAIN FEATURES**

The main occupation for people in this island is fishing. Other occupations include employment in government service and in tourist resorts. Electricity is generated by a privately-owned generator. Fresh water is stored in community-owned tanks. There are two general provision shops in the island. One organization looks after the village development matters.

**CURRENT PROBLEMS**

1. Lack of firewood.
2. No collection facility for fish catch sales.
3. Shortage of cultivable land.
4. Inadequate health care facilities.
5. Shallow harbour.

ISLAND Keyodhoo  
ATOLL : Vaavu  
ISLAND CHIEF : Adbul Sattar

**1. POPULATION**

(Above 15 yrs) Male 145 (Below 15 yrs) Male : 147  
Female : 118 Female : 135  
Average Household 7/8

**2. OCCUPATIONS**

Fishing, blacksmith, boatbuilding, carpentry.

**3. AVAILABLE SKILLS**

Four boatbuilders, six carpenters, two blacksmiths, 88 fishermen.

**4. EDUCATION FACILITIES**

One school for 132 children with two female teachers, presently upto grade 3.

**5. HEALTH SERVICES**

One family health worker, one midwife, five traditional healers, three circumcision specialists.

**6. VEGETATION**

Coconut, banana, breadfruit, papaya, lime, pumpkin, cucumber.

**7. FISH PRODUCTION**

Skipjack tuna by pole-and-line.

**8. FISHERIES INFRASTRUCTURE**

Two harbours, ten *nerus*, one jetty, four boatbuilders, boat landing and mooring facilities.

**9. FISHING FLEET**

Five mechanized boats, one sailing *dhoni*, one trolling boat, nine *bokkuras*.

**10. FISHING SEASON**

May to July and December to January.

**11. TOTAL POWER GENERATION** : 10 kwh

**12. TOTAL FRESH WATER STORAGE** : 172 kl

**MAIN FEATURES**

The main occupation of the people is fishing. Provision shops exist and all offer credit facilities. Electricity is generated by community-owned generators. Fresh water is stored in community-owned tanks. One organization looks after village development matters.

**CURRENT PROBLEMS**

1. Lack of medical facilities.
2. Insufficient power generation.
3. Poor condition of jetty and coral growth in harbour.
4. Lack of firewood.
5. Lack of public toilets.



ISLAND Felidhoo  
ATOLL : Vaavu  
ISLAND CHIEF Ibrahim Khaleel

**1. POPULATION**

(Above 15 yrs) Male : 121 (Below 15 yrs) Male 106  
Female : 95 Female 184

Average Household : 7/8

**2. OCCUPATIONS**

Fishing, carpentry, employment in resorts.

**3. AVAILABLE SKILLS**

Carpenters, thatch-weavers, rope-makers.

**4. EDUCATION FACILITIES**

One *madrassa* for 92 children with three male and one female teacher.

**5. HEALTH SERVICES**

Three health centres, one midwife, one local healer.

**6. VEGETATION**

Breadfruit, mango, papaya, banana, coconut.

**7. FISH PRODUCTION**

Pole-and-line fishing.

**8. FISHERIES INFRASTRUCTURE**

Harbour, *neru*, jetties.

**9. FISHING FLEET**

Five mechanized boats, four trolling boats, one *bokkura*.

**10. FISHING SEASON**

March to December. Peak season May to July for tuna caught by pole-and-line.

**11. TOTAL POWER GENERATION** : Not available

**12. TOTAL FRESH WATER STORAGE** 64 kI

**MAIN FEATURES**

Felidhoo is the capital island of Vaavu atoll. Most people in the island are employed in government service or the tourist resorts. Some fishing is conducted by the elders of the island. Fresh water is stored in community-owned tanks. Electricity is generated by privately-owned generators. There are five provision shops and most offer credit facilities. There are two clubs in the island which look after village development matters. A women's committee is active in matters concerning income generation for women.

**CURRENT PROBLEMS**

1. Shallow harbour.
2. Lack of power generation.
3. Shortage of land.
4. Drinking water.
5. Sewage disposal.

ISLAND Thinadhoo  
ATOLL Vaavu  
ISLAND CHIEF Yoosuf Hassan

**1. POPULATION**

(Above 15 yrs) Male : 60 (Below 15 yrs) Male : 26  
Female 44 Female 38

Average Household 8/9

**2. OCCUPATIONS**

Carpentry, boatbuilding, fishing, employment in tourist resorts.

**3. AVAILABLE SKILLS**

Three boatbuilders, one blacksmith, ten carpenters, four rope-makers, mat-weavers.

**4. EDUCATION FACILITIES**

One *inakthab* for 31 children with one male and three female teachers.

**5. HEALTH SERVICES**

One family health worker, one midwife, two *fandithaveriva,s*, one traditional healer, one circumcision specialist.

**6. VEGETATION**

Coconut, breadfruit, papaya, betel, pumpkin, cucumber, brinjal and chillies.

**7. FISH PRODUCTION**

Reef fishing for consumption and sale to tourist resorts.

**8. FISHERIES INFRASTRUCTURE**

One harbour, five *nerus*, one jetty, three boatbuilders, boat landing and mooring space.

**9. FISHING FLEET**

Six mechanized boats and three trolling boats.

**10. FISHING SEASON**

March to December.

**11. TOTAL POWER GENERATION** : Nil

**12. TOTAL FRESH WATER STORAGE** : 42 kI

**MAIN FEATURES**

Fishing is done for consumption on the island as well as for sale to the tourist resorts. Fresh water is stored in community-owned tanks. One provision shop provides credit facilities. There is no electricity in the island. One women's organization looks after the cleanliness of the island. Nearby tourist resorts provide employment to the islanders.

**CURRENT PROBLEMS**

1. No developed harbour.
2. No electricity.
3. Inadequate education facilities.
4. Inadequate medical services.
5. No dependable communication system.

ISLAND Fulidhoo  
ATOLL Vaavu  
ISLAND CHIEF : Ahmed Moosa

**1. POPULATION**

(Above 15 yrs) Male : 57 (Below 15 yrs) Male : 80  
Female : 64 Female : 70  
Average Household 8/9

**2. OCCUPATIONS**

Fishing, employment in tourist resort.

**3. AVAILABLE SKILLS**

Fishing.

**4. EDUCATION FACILITIES**

One school for 59 children with three male and two female teachers.

**5. HEALTH SERVICES**

Family health worker.

**6. VEGETATION**

Coconut, banana, breadfruit, papaya, lemon, pumpkin, cucumber.

**7. FISH PRODUCTION**

Tuna.

**8. FISHERIES INFRASTRUCTURE**

Harbour, jetty, fish trader, navigation lights.

**9. FISHING FLEET**

Two mechanized boats, one trolling boat, two *bokkura*.

**10. FISHING SEASON**

December, January and May to July.

**11. TOTAL POWER GENERATION** : Nil

**12. TOTAL FRESH WATER STORAGE** : 64 kl

**MAIN FEATURES**

Due to the tourist resort nearby, most of the youth have turned to it for employment. Fishing activity has declined and is limited to only the elders. Fresh water is stored in community- and privately-owned tanks. Most of the retail provision shops allow credit. No active organization exists to look into village development matters.

**CURRENT PROBLEMS**

1. Fish collection and marketing.
2. Lack of medical facilities.
3. Sewage disposal.
4. Shallow harbour.
5. Lack of firewood.

## Appendix III

### GLOSSARY

<i>bokkura</i>	=	rowing boat
<i>chickanda</i>	=	snake gourd
<i>dhandia/uvi</i>	=	cassava
<i>dhoni</i>	=	traditional boat
<i>fufoo</i>	=	wax/white gourd
<i>fandithaveriya</i>	=	<b>one type of traditional healer</b>
<i>kiyavaage</i>	=	<b>traditional school</b> based at home-level where Arabic is taught (read & write)
<i>midhili</i>	=	Indian almond
<i>makthab</i>	=	<b>primary school level</b>
<i>macraasa</i>	=	primary school
<i>neru</i>	=	entrance passage to the inner lagoon
<i>thora</i>	=	bitter gourd
<i>vadhu dhoni</i>	=	<b>trolling boat</b>

**Appendix IV**  
**QUESTIONNAIRES**

### 1. IDENTIFICATION

1. Serial number of questionnaire : \_\_\_\_\_  
 2. Atoll/Island : \_\_\_\_\_ Code : \_\_\_\_\_

### 2. RELIGIOUS INFRASTRUCTURES

Sl. No.	MOSQUE (if for men)	Financed by			Age of the unit (months)	Area of the unit
		G	P	C		
1						
2						
3						
4						
5						
6						
7						

\* 1. G : Government 2. Private 3. C. Community;  
 Circle the appropriate code

Sl. No.	MOSQUE (if for women)	Financed by			Age of the unit (months)	Area of the unit
		G	P	C		
1						
2						
3						
4						
5						
6						
7						

Sl. No.	ZIYAARATH	Important information about the place
1		
2		
3		
4		

### 3. HEALTH SERVICES

Do you have the following?	Yes	No	No.	Persons engaged work	
				Males	Females
1. Health centre	1	2			
2. Family health worker	1	2			
3. Midwife	1	2			
4. Fandhaveriya	1	2			
5. Local practitioners	1	2			
6. Person who performs circumcision	1	2			

\* Circle the appropriate code

Ministry of Fisheries and Agriculture  
 Male, Republic of Maldives

## SURVEY ON QUALITY OF LIFE OF FISHERFOLK ISLAND RESOURCES QUESTIONNAIRE PART-A

### 4. EDUCATIONAL SERVICES

Sl. No.	Name	Students					Grades		Teachers		Year of Operation (months)
		M	F	G	P	C	Fr	To	M	F	
1											
2											
3											
4											
5											

Sl. No.	Name	Students					Grades		Teachers		Year of Operation (months)
		M	F	G	P	C	Fr	To	M	F	
1											
2											
3											
4											
5											

Sl. No.	Name	Financed by			Students		Teachers		Year of Operation (months)
		G	P	C	M	F	M	F	
1									
2									
3									
4									
5									
6									
7									
8									
9									

### 5. ASSETS

Sl. No.	SEA TRANSPORT	No. of vessels registered	No. of vessels registered	Sl. No.	WATER TANKS	Ownership	Capacity Litres
1	Mechanized dhoni			1			
2	Sailing dhoni			2			
3	Vadhu dhoni			3			
4	Baththeli			4			
5	Bokkura			5			
6	Others (specify in remarks)			6			
7				7			
8				8			
9				9			
10				10			

Confidentiality : The information collected in this inquiry is accorded confidential treatment and will not be used for legal purposes.

#### Control Information

1. Name of the enumerator : \_\_\_\_\_  
 2. Position of enumerator : \_\_\_\_\_  
 3. Name of respondent : \_\_\_\_\_  
 4. Position of respondent : \_\_\_\_\_  
 5. Date of interview : \_\_\_\_\_  
 6. Length of interview : Hours : \_\_\_\_\_ Mins : \_\_\_\_\_

### 6. EXISTING CONDITIONS

	Rooms	Num*	Conditions*			Remarks
Neru		1	1	2	3	
		2	1	2	3	
		3	1	2	3	
Harbour		1	1	2	3	
		2	1	2	3	
		3	1	2	3	

\* 1. Good 2. Satisfactory 3. Poor Circle appropriate code

Jetty	Number of jetties	Conditions *	Jetty No :	1	2	3
			No : 2	1	2	3
			No : 3	1	2	3
			No : 4	1	2	3

How old? months : [ ] [ ]

Financed by  
 (Circle appropriate code)  
 1. Government  
 2. Private  
 3. Community  
 4. Foreign financing

### 3. ELECTRICITY

Sl. No.	Ownership	Capacity (kwh)	Purchase cost (Rufiyaa)	Installation cost
1				
2				
3				
4				
5				

Remarks : \_\_\_\_\_

7. AGRICULTURE AND FISHING			8. INDUSTRY AND SKILLS				9. SOCIAL PARTICIPATION						
<b>A. VEGETATION AND CULTIVATION</b>			1. What are the major industries in the island?				<b>A. EXISTENCE OF ORGANIZATIONS, CLUBS AND ASSOCIATIONS</b>						
1. Type of trees grown	No.	Remarks	Sl. No.	List of industries	Code	No. of people engaged		1. Is there any organization, club or association in this island?					
1. Coconut						M	F	Yes No					
2. Banana			1					Circle appropriate code 1 2					
3. Breadfruit			2					(skip to 2) (skip to 8)					
4. Mango			3					2. What are the organizations/clubs/associations?					
5. Papaya			4					Sl. No.	Name of organization/ club or association	Period of operation	No. of members		Purpose
6. Others (specify)			5								M	F	
7.			6					1					
8.			7					2					
9.			8					3					
2. What are the crops grown on the island? (both in compounds and plots) List : _____			2. If the following activities are not carried out in the island, state reasons.										
3. What vegetables can be found on the island? List : _____			A. Collection and selling of sea-shells : _____				<b>B. INTERNAL MOBILITY</b>						
4. How much land per person is allocated for cultivation on your island? area _____ km <sup>2</sup>			B. Mat weaving : _____				1. How often do people from your island visit other islands? (tick <input checked="" type="checkbox"/> where appropriate)						
5. How many inhabitants possess land for cultivation :  From this island _____ Area (Km <sup>2</sup> ) In another inhabited island _____ In an uninhabited island _____			C. Rope making : _____				1. Neighbouring islands _____ 2. Other atolls _____ 3. Male _____						
<b>B. FISHING</b>							2. How often do people from other islands come to your island? (tick <input checked="" type="checkbox"/> where appropriate)						
1. What type of fishing is done in your island? List : _____							1. From neighbouring islands _____ 2. From other atolls _____ 3. From Male _____						
2. What are the best times of the year for fishing? (circle appropriate code)			3. How many people in your island have special or unique skills?										
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1 2 3 4 5 6 7 8 9 10 11 12			Type of skills		No. of people			Remarks : _____					
Remarks (if any) : _____					Total	M	F						
			1										
			2										
			3										
			4										
			5										

## ISLAND RESOURCES QUESTIONNAIRE

### GENERAL

### PART-C

la| What are the main problems facing people on your island?

lb| How do you think the problems can be solved?

( 2 )