

INDICATOR INFORMATION FILE

Indicator: Costs for local and outside materials

Program Area: Infrastructure

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside costs

Time (periodicity): 31-365 days

Policy Decision(s):

Solicitation of financing

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of materials required for reconstruction

Program Area: Infrastructure

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: materials

Time (periodicity): 31-365 days

Policy Decision(s):

Assignment of resources

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for local and outside manpower

Program Area: Infrastructure

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside costs

Time (periodicity): 31-365 days

Policy Decision(s):

Solicitation of financing

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Engineering requirements for reconstruction, man-months

Program Area: Infrastructure

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside engineering

Time (periodicity): 31-365 days

Policy Decision(s):

Prioritization of areas for reconstruction

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Final inventory of damages of hospital electrical system

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Final review of damages

Time (periodicity): 31-365 days

Policy Decision(s):
Rehabilitation plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number and complexity of injured

Program Area: Infrastructure

Data Source(s): health service records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Requirements for adequate medical-surgical supplies

Time (periodicity): 8-30 days

Policy Decision(s):

Solicitation of local or outside assistance

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Less of a priority at this time period

INDICATOR INFORMATION FILE

Indicator: Estimated repair time (TR, days and TRC, days)

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Use of alternate sources

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): TR = rehabilitation time
TRC= combined rehabilitation time

INDICATOR INFORMATION FILE

Indicator: Estimation of damages to hospital's electrical system, %

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Repair/reconstruction plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number and complexity of injured

Program Area: Infrastructure

Data Source(s): health service records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Requirements for adequate medical-surgical supplies

Time (periodicity): 0-7 days

Policy Decision(s):

Solicitation of local or outside assistance

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Emphasis is medical supplies and equipment, although
indicator is applicable to morbidity

INDICATOR INFORMATION FILE

Indicator: Condition of distribution components: % D, % O, % F

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair times

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Condition of transmission components: % D, % O, % F

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair times

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Condition of generation components: % D, % O, % F

Program Area: Infrastructure

Data Source(s): hospital administration/maintenance records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair times

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Number of hospitals without electrical energy

Program Area: Infrastructure

Data Source(s): National Emergency Committee records
hospital administration records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Requirements for obtaining backup generators

Time (periodicity): 0-7 days, daily

Policy Decision(s):
Solicitation of local or outside assistance

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Population estimate by age and sex

Program Area: Temporary Housing

Data Source(s): camp census

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Estimation of total population without shelter

Time (periodicity): 0-7 days, daily

Policy Decision(s):

Establishment of shelters

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for supp&equip for fumigation of shelter&surr

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Operation and maintenance costs of camp
Costs for implementing service program

Time (periodicity): 31-365 days

Policy Decision(s):
Consolidation of services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Fumigation,zoonosis,etc. of shelter & surroundings

INDICATOR INFORMATION FILE

Indicator: Quantity of supp&equip for fumigation of shelter&surroundings

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Work requirements to consolidate service program

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Fumigation, zoonosis, etc. of shelter & surroundings

INDICATOR INFORMATION FILE

Indicator: Costs for equipment for garbage collect,transp,disposal

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Operation and maintenance costs of camp

Costs for implementing service program

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of equipment for garbage collect,transp,dispos

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Work requirements to consolidate service programs

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for tubing and accessories for rainwater collect

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Operation and maintenance costs of camp
Costs for implementing service program

Time (periodicity): 31-365 days

Policy Decision(s):
Consolidation of services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of tubing and accessories for rainwater collect

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Work requirements to consolidate service program

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of sanitary services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for tanks, latrines, etc. for wastewater disposal

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Operation and maintenance costs of camp
Costs for implementing service program

Time (periodicity): 31-365 days

Policy Decision(s):
Consolidation of sanitary services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of tanks, latrines, etc. for wastewater disposal

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Work requirements to consolidate service program

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of sanitary services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for pipes and accessories for potable water

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Operation and maintenance costs of camp
Costs for implementing service program

Time (periodicity): 31-365 days

Policy Decision(s):
Consolidation of sanitary services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of pipes and accessories for potable water

Program Area: Temporary Housing

Data Source(s): camp records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Work requirements to consolidate service program

Time (periodicity): 31-365 days

Policy Decision(s):

Consolidation of sanitary services within infrastructure

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Population estimate by age,sex,family,occupatn per camp

Program Area: Temporary Housing

Data Source(s): camp census

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Necessity for long term camps

Time (periodicity): 31-365 days

Policy Decision(s):
Continuation (or not) of camps

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of families requiring resettlement

Program Area: Temporary Housing

Data Source(s): camp census

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Additional needs and services for shelter inhabitants
Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):
Establishment of resettlement services
Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of persons per laundry facility

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: Interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

Sanitation conditions in shelters

Additional needs and services for shelter inhabitants

Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):

Implementation of sanitation measures in camps

Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of persons per garbage facility

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

Sanitation conditions in shelters

Additional needs and services for shelter inhabitants

Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):

Implementation of sanitation measures in camps

Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of persons per shower

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

- Sanitation conditions in shelters

- Additional needs and services for shelter inhabitants

- Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):

- Implementation of sanitation measures in camps

- Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of persons per latrine

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

- Sanitation conditions in shelters

- Additional needs and services for shelter inhabitants

- Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):

- Implementation of sanitation measures in camps

- Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Availability of potable water, yes or no

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

- Sanitation conditions in shelters

- Additional needs and services for shelter inhabitants

Time (periodicity): 8-30 days

Policy Decision(s):

- Implementation of sanitation measures in camps

- Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of water supply, liters per day

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

Sanitation conditions in shelters

Additional needs and services for inhabitants

Costs for additional needs and services

Time (periodicity): 8-30 days

Policy Decision(s):

Implementation of sanitation measures in camps

Solicitation of aid

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Population estimate by age,sex,family,occupatn per camp

Program Area: Temporary Housing

Data Source(s): camp census

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Estimation of population requiring shelter

Time (periodicity): 8-30 days,

Policy Decision(s):
Utilization of camps or buildings

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of ditches for garbage

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:
Provision of services for garbage disposal

Time (periodicity): 0-7 days

Policy Decision(s):
Provision of essential services

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Density of population without solid waste fac, no./hect

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:
Provision of services for solid waste disposal

Time (periodicity): 0-7 days, daily

Policy Decision(s):
Provision of essential services

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Liters of wash water per person

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:
Provision of services for personal hygiene

Time (periodicity): 0-7 days, daily

Policy Decision(s):
Provision of essential services

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Liters of potable water per person

Program Area: Temporary Housing

Data Source(s): survey of camp conditions

Method(s) of Collection: interview

Level(s) of Aggregation: community

Information Required for Policy Decision:

Provision of services for water and food preparation

Time (periodicity): 0-7 days, daily

Policy Decision(s):

Provision of essential services

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Availability of covered area, yes or no

Program Area: Temporary Housing

Data Source(s): survey of area

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Site selection, land or building

Time (periodicity): 0-7 days

Policy Decision(s):
Designation of shelter site

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Availability of sanitation, yes or no

Program Area: Temporary Housing

Data Source(s): survey of area

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Site selection, land or building

Time (periodicity): 0-7 days

Policy Decision(s):
Designation of shelter site

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Availability of drainage, yes or no

Program Area: Temporary Housing

Data Source(s): survey of area

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Site selection, land or building

Time (periodicity): 0-7 days

Policy Decision(s):
Designation of shelter site

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports of proliferation of rodents&arthropods

Program Area: Vector Control

Data Source(s): Vector Control Program - Ministry of Health records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Proliferation of rodents and arthropods at above normal levels

Time (periodicity): 8-365 days

Policy Decision(s):

Application of control measures

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Incidence of vector-borne diseases

Program Area: Vector Control

Data Source(s): health service records
community

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Requirements for personnel, equipment, and materials for fumigation
Costs for any campaigns

Time (periodicity): 8-365 days

Policy Decision(s):
Solicitation of equipment, materials and personnel for fumigation
Assignment of resources for eradication campaigns

Reference(s): Disaster Needs Assessment Conference, May 1984
Haiti study following hurricane, 1962

Observation(s): check reference

INDICATOR INFORMATION FILE

Indicator: Incidence of rodent bites

Program Area: Vector Control

Data Source(s): health service records
community

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

- Requirements for personnel, equipment, and materials for fumigation

- Costs for any campaigns

Time (periodicity): 0-365 days

Policy Decision(s):

- Solicitation of equipment, materials, and personnel for fumigation

- Assignment of resources for eradication campaigns

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports and complaints by drainage zone

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records
community survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Summary of damaged mains
Summary of areas without drainage systems
Summary of pumping stations out-of-order

Time (periodicity): 0-7 days

Policy Decision(s):
Prioritization schemes

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Estimated repair time for system components (TR and TRC)

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records
National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for total rehabilitation: engineering, materials,
local and outside costs, execution plan, financing

Time (periodicity): 31-365 days

Policy Decision(s):

Solicitation of financing
Execution plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): TR = rehabilitation time
TRC = combined rehabilitation time

INDICATOR INFORMATION FILE

Indicator: Number of reports and complaints by drainage zone

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records
community survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Final review of damages

Time (periodicity): 31-365 days

Policy Decision(s):
Rehabilitation plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Estimated repair time for system components (TR and TRC)

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records
National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Requirements for total or partial rehabilitation:
provisional discharges, equipment, materials

Estimation of cost and time; availability of financing and of additional resources

Time (periodicity): 8-30 days

Policy Decision(s):

Solicitation and assignment of resources: equipment, materials,
personnel, money

Public information

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports and complaints by drainage zone

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records
community survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Summary of detailed damages

Time (periodicity): 8-30 days

Policy Decision(s):
Provisional discharges of non-standard materials

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of pumping stations out-of-order

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Measures to avoid evacuation of key institutions: pumping equip,
alternate sources of energy

Time (periodicity): 0-7 days

Policy Decision(s):

Isolation and evacuation of critical areas

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of connections for critical use by drainage zone

Program Area: Wastewater Treatment/Disposal

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Measures to avoid evacuation of key institutions: accessories

Time (periodicity): 0-7 days

Policy Decision(s):

Support of other local institutions

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: ding"

Program Area:

Data Source(s):

Method(s) of Collection:

0-7 days

Designation of shelter site

Level(s) of Aggregation:

Information Required for Policy Decision:

Disaster Needs Assessment Conference, May 1984

Time (periodicity):

Policy Decision(s):

Reference(s):

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Estimated repair time (TR, days;TRC, days)

Program Area: Water Supply

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: execution plan

Time (periodicity): 31-365 days

Policy Decision(s):

Execution plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for outside and local materials

Program Area: Water Supply

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside costs

Time (periodicity): 31-365 days

Policy Decision(s):

Solicitation of financing

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Quantity of materials required for reconstruction

Program Area: Water Supply

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Requirements for rehabilitation: materials

Time (periodicity): 31-365 days

Policy Decision(s):
Assignment of resources

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Costs for local and outside manpower

Program Area: Water Supply

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside costs

Time (periodicity): 31-365 days

Policy Decision(s):

Solicitation of financing

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Engineering requirements for reconstruction, man-months

Program Area: Water Supply

Data Source(s): National Emergency Committee records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:

Requirements for rehabilitation: local and outside engineering

Time (periodicity): 31-365 days

Policy Decision(s):

Prioritization of areas for reconstruction

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Final inventory of damages

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community/national

Information Required for Policy Decision:
Review of damages

Time (periodicity): 31-365 days, weekly

Policy Decision(s):
Financial priorities

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports of lack of water & complaints of leaks

Program Area: Water Supply

Data Source(s): plant records
survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Number of persons who lack water or sufficient supply by area

Time (periodicity): 31-365 days, weekly

Policy Decision(s):
Rehabilitation plan

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of contaminated source points

Program Area: Water Supply

Data Source(s): laboratory plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Water quality

Time (periodicity): 8-30 days

Policy Decision(s):
Public information

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Capacity of other modes of transport&distribution: # faucets

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Assignment of resources: equipment, materials, personnel, money

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Unit of measurement is number of public faucets

INDICATOR INFORMATION FILE

Indicator: Capacity for other modes of transport&distribution: pipelines

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Assignment of resources: equipment, materials, personnel, money

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Measurement is length of provisional pipelines, meters

INDICATOR INFORMATION FILE

Indicator: Capacity for other modes of transport&distribution: # of tank

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Assignment of resources: equipment, materials, personnel, money

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Unit of measurement is number of tanks required

INDICATOR INFORMATION FILE

Indicator: Capacity for other modes of transport & distrib, vol/c.m.

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Assignment of resources: equipment, materials, personnel, money

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Unit of measurement is volume per cubic meter

INDICATOR INFORMATION FILE

Indicator: Requirements for disinfection (residual chlorine)

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Water quality

Time (periodicity): 8-30 days

Policy Decision(s):
Assignment of resources: equipment, materials, personnel, money

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Estimated repair time for a component(TR, days;TRC,days)

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Review of damages

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): TR = rehabilitation time
TRC = combined rehabilitation time

INDICATOR INFORMATION FILE

Indicator: Inventory of damage at production, storage, distrib levels

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Review of damages

Time (periodicity): 8-30 days

Policy Decision(s):
Use of alternate sources of supply

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports of lack of water & complaints of leaks

Program Area: Water Supply

Data Source(s): plant records
survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Number of persons who lack water or sufficient supply by area

Time (periodicity): 8-30 days

Policy Decision(s):

Review of rationing and scheduling of water delivery by area

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Repair times for assuring sufficient supply, days

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Public information

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of distribution component: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Immediate requirements for disinfection, tanks, trucks, personnel

Time (periodicity): 0-7 days

Policy Decision(s):

Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of distribution component, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of storage component: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Immediate requirements for disinfection, tanks, trucks, personnel

Time (periodicity): 0-7 days

Policy Decision(s):

Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of storage component, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of treatment component: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Immediate requirements for disinfection, tanks, trucks, personnel

Time (periodicity): 0-7 days

Policy Decision(s):

Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of treatment component, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of conduction component: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Immediate requirements for disinfection, tanks, trucks, personnel

Time (periodicity): 0-7 days

Policy Decision(s):

Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of conduction component, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of collection component: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Immediate requirements for disinfection,tanks,trucks,personnel

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - Operable, F - Functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of collection component, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Condition of catchment area: % D, % O, % F

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Immediate requirements for disinfection, tanks, trucks, personnel

Time (periodicity): 0-7 days

Policy Decision(s):

Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): D - destroyed, O - operable, F - functioning

INDICATOR INFORMATION FILE

Indicator: Capacity of catchment area, liters per second

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:
Estimated repair time

Time (periodicity): 0-7 days

Policy Decision(s):
Requisition of special supplies and equipment

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Volume of stored water, cubic meters

Program Area: Water Supply

Data Source(s): plant records

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Number of persons who lack water or sufficient water by area

Time (periodicity): 0-7 days

Policy Decision(s):

Rationing and scheduling of water delivery by area

Support of other local institutions

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):

INDICATOR INFORMATION FILE

Indicator: Number of reports of lack of water & complaints of leaks

Program Area: Water Supply

Data Source(s): plant records
survey

Method(s) of Collection: interview
survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Delegation of supervision of affairs

Number of persons who lack water or sufficient supply by area

Time (periodicity): 0-7 days, daily

Policy Decision(s):

Rationing and scheduling of water delivery by area

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s): Requirements: 15 liters per person per day

INDICATOR INFORMATION FILE

Indicator: Population estimate by age and sex

Program Area: Temporary Housing

Data Source(s): camp census

Method(s) of Collection: survey

Level(s) of Aggregation: community

Information Required for Policy Decision:

Estimation of total population without shelter

Time (periodicity): 0-7 days, daily

Policy Decision(s):

Establishment of shelters

Reference(s): Disaster Needs Assessment Conference, May 1984

Observation(s):