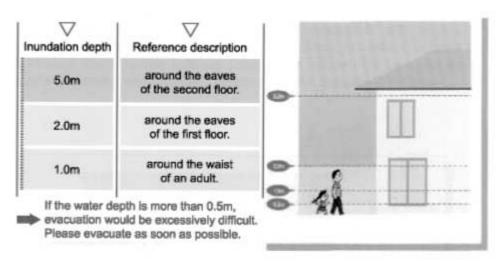
# - <u>Predicted Inundation Depth</u> (The city of Koriyama)



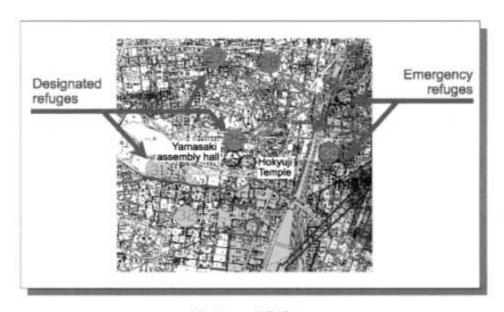


- <u>Refugee</u> (The city of Koriyama)

## Identify your refuge!

Flood Hazard Maps designate proper refuges for respective town blocks, so that the evacuation time and distance would be minimized, and as well show the location of the refuges and the direction of evacuation with arrows. The names of refuges designated for respective town blocks are listed in a table.

Flood Hazard Maps further indicate Emergency refuges (to be used for emergency evacuation), when unable to evacuate to the designated refuges.

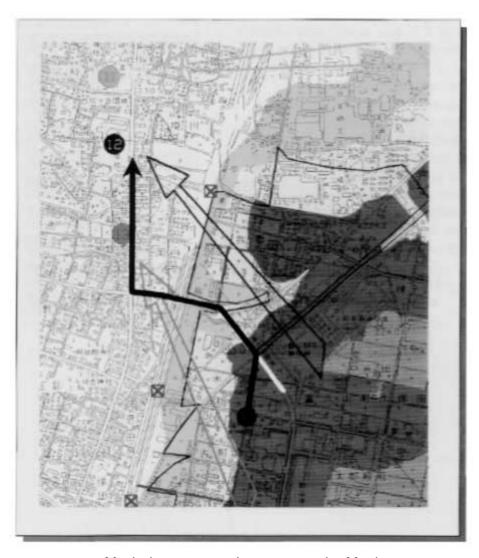


Markings of Refuges

Name of Town-blocks	Nos in Map	Name of refuges
高倉第一,二,三町内会 下萱沼町内会	1	高倉小学校
上萱沼町内会	0	上豐沼集会所
梅沢町内会	(S)	日和田公民館梅沢分館 延命寺
鬼生田3.4区	6	鬼生田小学校
三町目平町内会、芹沢区	<b>a</b>	西田地区交流センター
八丁目町内会	8	日和田公民館八丁目分館 花かつみ豊心園体育館
堂坂町内会	0	堂坂集会所

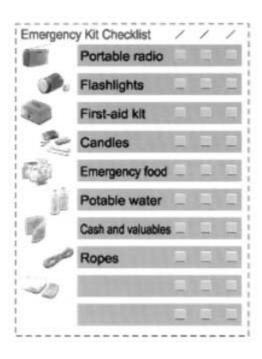
Zoning and designation of refuges

# - <u>Evacuation Route</u> (The city of Koriyama)



Mark down evacuation route on the Map!

#### - <u>Emergency Kits</u> (The city of Koriyama)



Portable radio: Make sure if it is well in order.

Don't forget extra batteries.

Flashlights: Make sure if it is well in order.

Don't forget extra batteries.

First-aid kit: Band-Aids, disinfectant, and other

essential medicines.

Candles: Don't forget matches and lighters.

Emergency food: Choose food such as canned or

instant food, easy-to-prepare and of no necessity of much water.

Potable water : Mineral water bottles.

Cash and valuables: Keep in a fixed place so as to

immediately carry them out in an

emergency.

Ropes : Quite useful for emergency

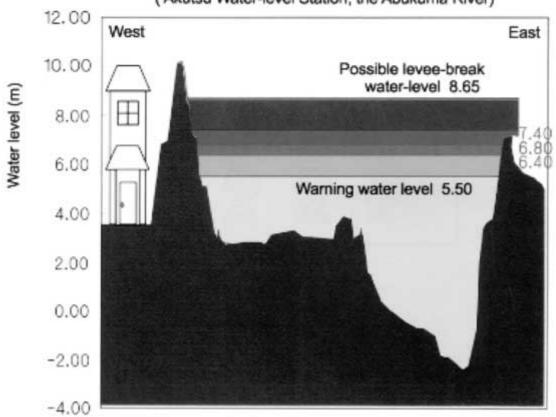
escape or rescue.

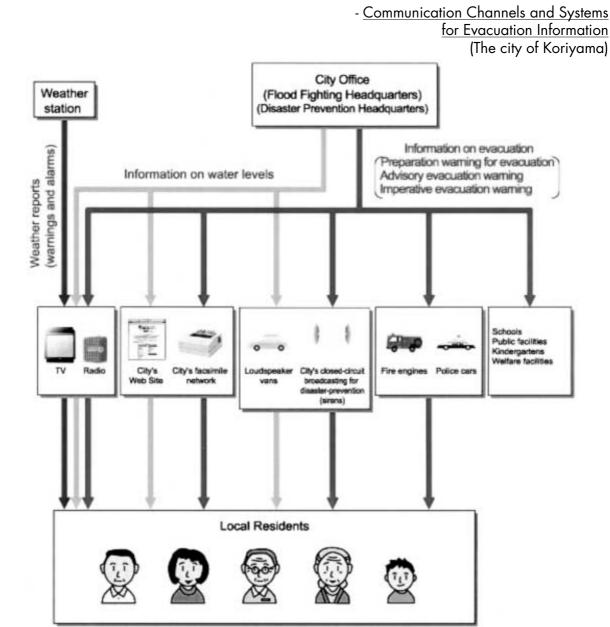
## - <u>Issuance Criteria for Evacuation</u> (The city of Koriyama)

# Specified reference water-levels for issuance of evacuation warnings (Akutsu Water-level Station, the Abukuma River)

Types of Evacuation Warning	Specified Reference water-level
Preparation waarning for evacuation	6.40m
Advisory evacuation warning	6.80m
Imperative evacuation warning	7.40m

#### Relation between levee and water-level (Akutsu Water-level Station, the Abukuma River)

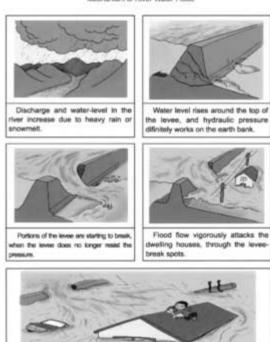




# - <u>Flooding Mechanism</u> (The city ot Koriyama)

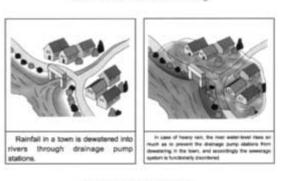
# Let's Learn How Floods Occur

Mechanism of River Water Flood

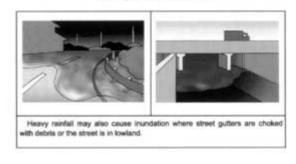


droying and washing away the dwelling houses, or floating cars, which inunded

Mechanism of Inner-basin Flooding



Flooding due to other causes



Source: Foundation of River & Basin Integrated Communications, Japan

#### - Flood Fighting Practice (Upper reaches of the Kitakami River)

