

THE MASTER PLAN ON
 FLOOD FORECASTING AND WARNING SYSTEM
 FOR ATLAS REGION IN THE KINGDOM OF MOROCCO

Fig. 4.3.3 LOCATION OF FLOOD WATCH STATION
 IN OURIKA RIVER BASIN

ROYAUME DU MAROC
MINISTERE DE L'EQUIPEMENT

DIRECTION DE LA METEOROLOGIE NATIONALE

WOMC31 GMMC 271810

BULLETIN METEOROLOGIQUE D'ALERTE
N°= 107/99
ETABLI LE 27/10/99 A 18H10

A- IDENTIFICATION : AVERSES ORAGEUSES

B- VALIDITE : DE 18H30 LE 27/10/1999 A 08H00 LE 28/10/1999

C- ZONES MENACEES : LES PROVINCES ET LES WILAYAS SUIVANTES :
TAROUDANNT, AGADIR, OUARZAZATE, (AL HAOUZ), MARRAKECH,
CHICHAOUA, KELAAT SRAGHNA, AZILAL ET BENI-MELLAL.

D- TEXTE :

DES AMAS NUAGEUX INTERESSERONT LES REGIONS MONTAGNEUSES DES PROVINCES ET WILAYAS PRECITEES. ELLES DONNERONT LIEU A DES PRECIPITATIONS ORAGEUSES DONT L'INTENSITE POURRA DEPASSER 40 MM EN 12 HEURES. DES DEBORDEMENTS SUR LES PLAINES AVOISINANTES SONT PROBABLES. DES RAFALES DE VENT POURRONT DEPASSER 80 KM/H PAR ENDROITS.

NOTE : LES PREFECTURES, LA PROTECTION CIVILE, LES DPTP QUI ENVISAGERAIENT DES ACTIONS DE PREVENTION SONT INVITEES A CONTACTER LE CENTRE NATIONAL DES PREVISIONS DE MANIERE A OBTENIR LES DERNIERES PREVISIONS.
LES STATIONS METEOROLOGIQUES DOIVENT COMMUNIQUER LES AVIS D'ALERTE AUX AUTORITES LOCALES CONCERNEES.

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Fig. 4.3.4 EXAMPLE OF SPECIAL
METEOROLOGICAL BULLETINES

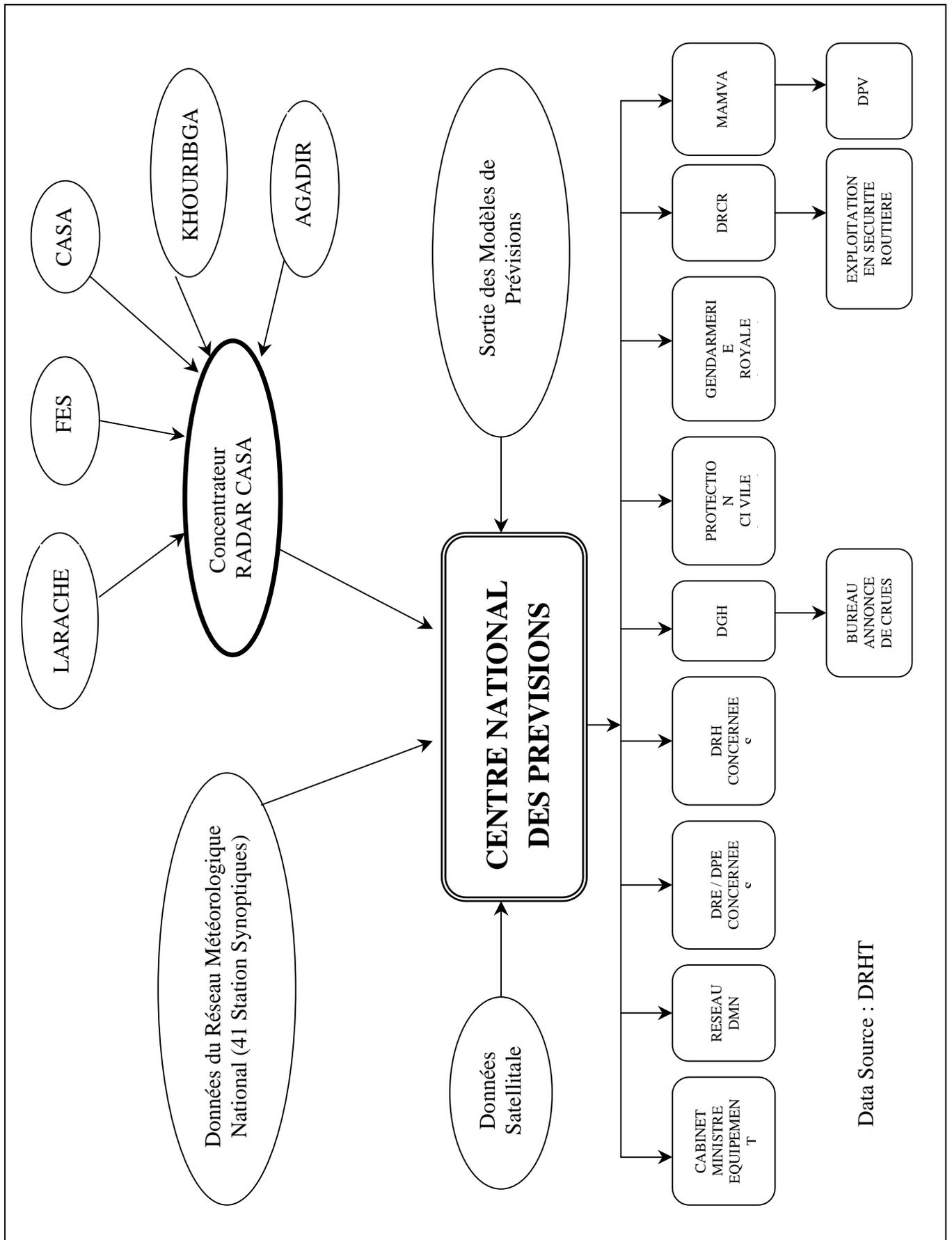
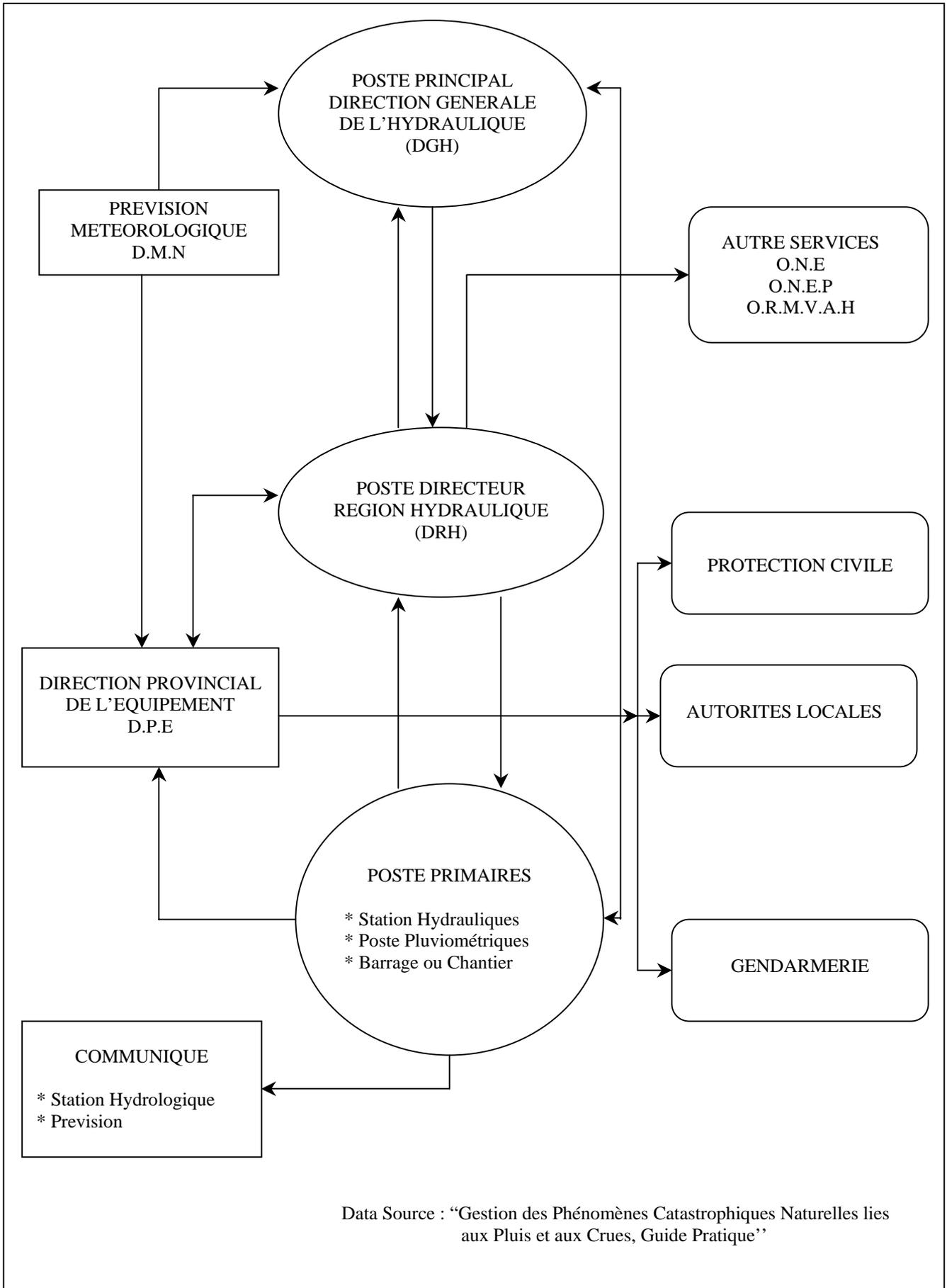
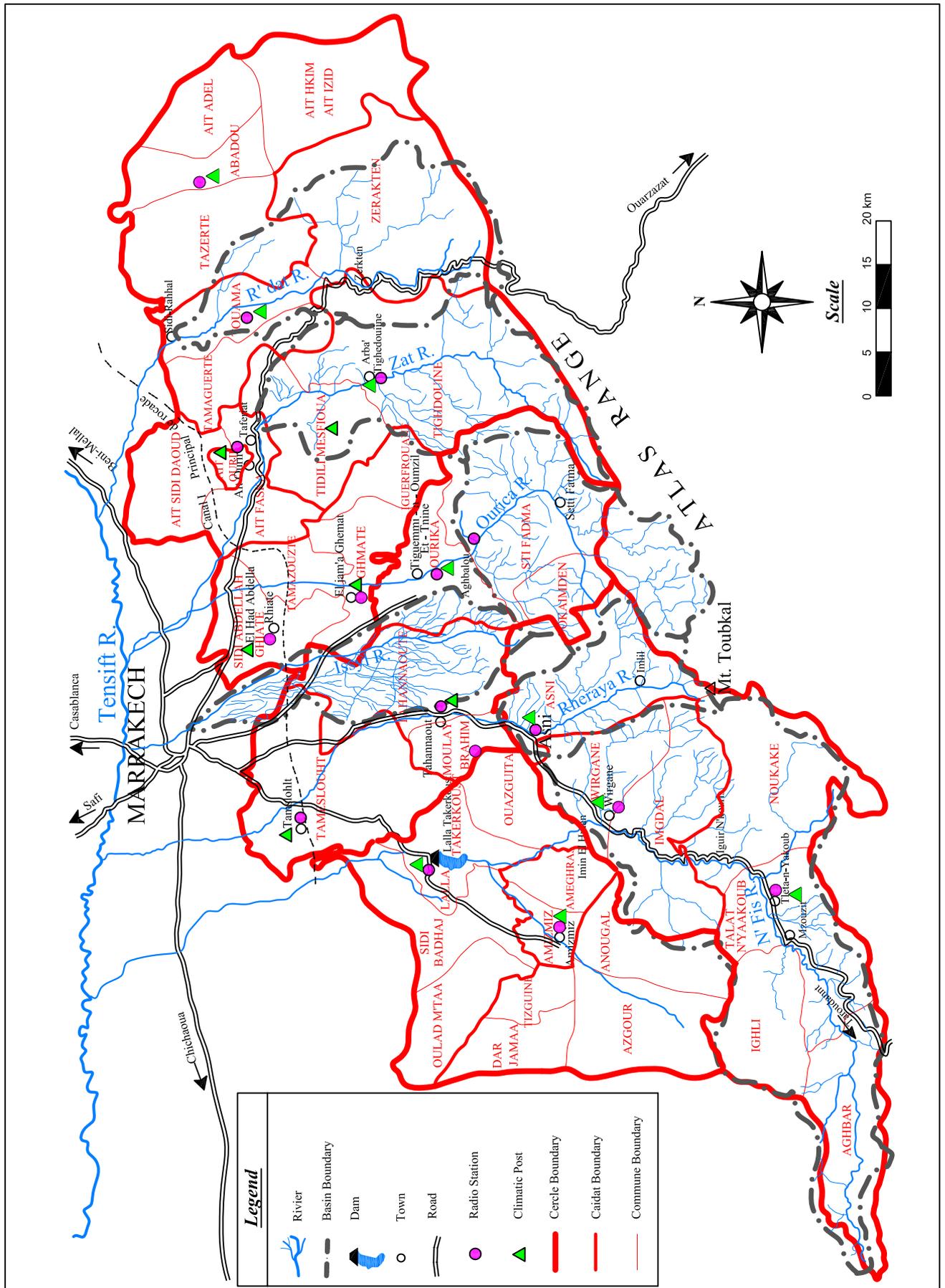


Fig. 4.3.5 SCHEMATIC DIAGRAM FOR DIFFUSION OF ALERT MESSAGE



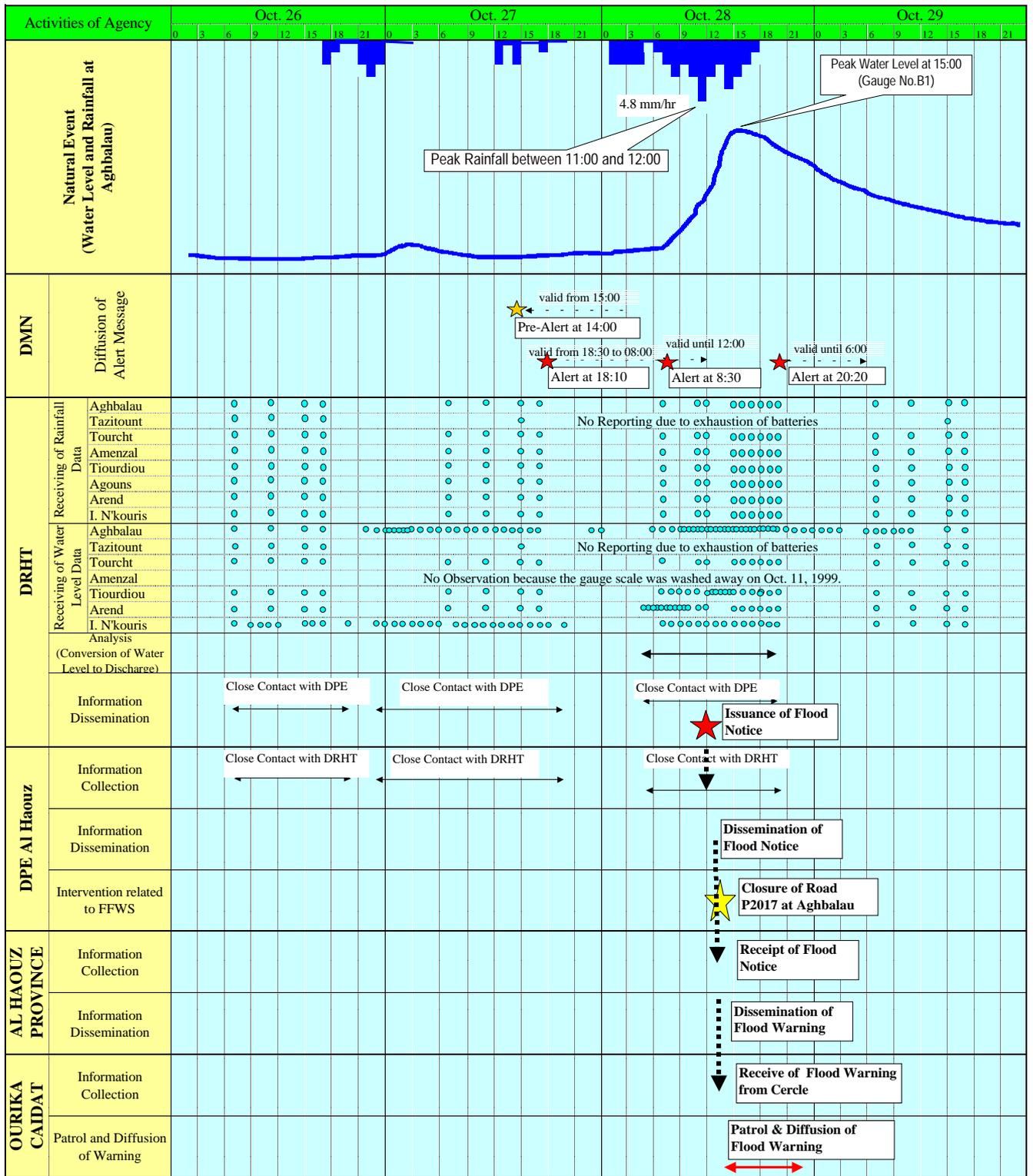
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Fig. 4.3.6 ROUTES OF INFORMATION /
WARNINGS DISSEMINATION



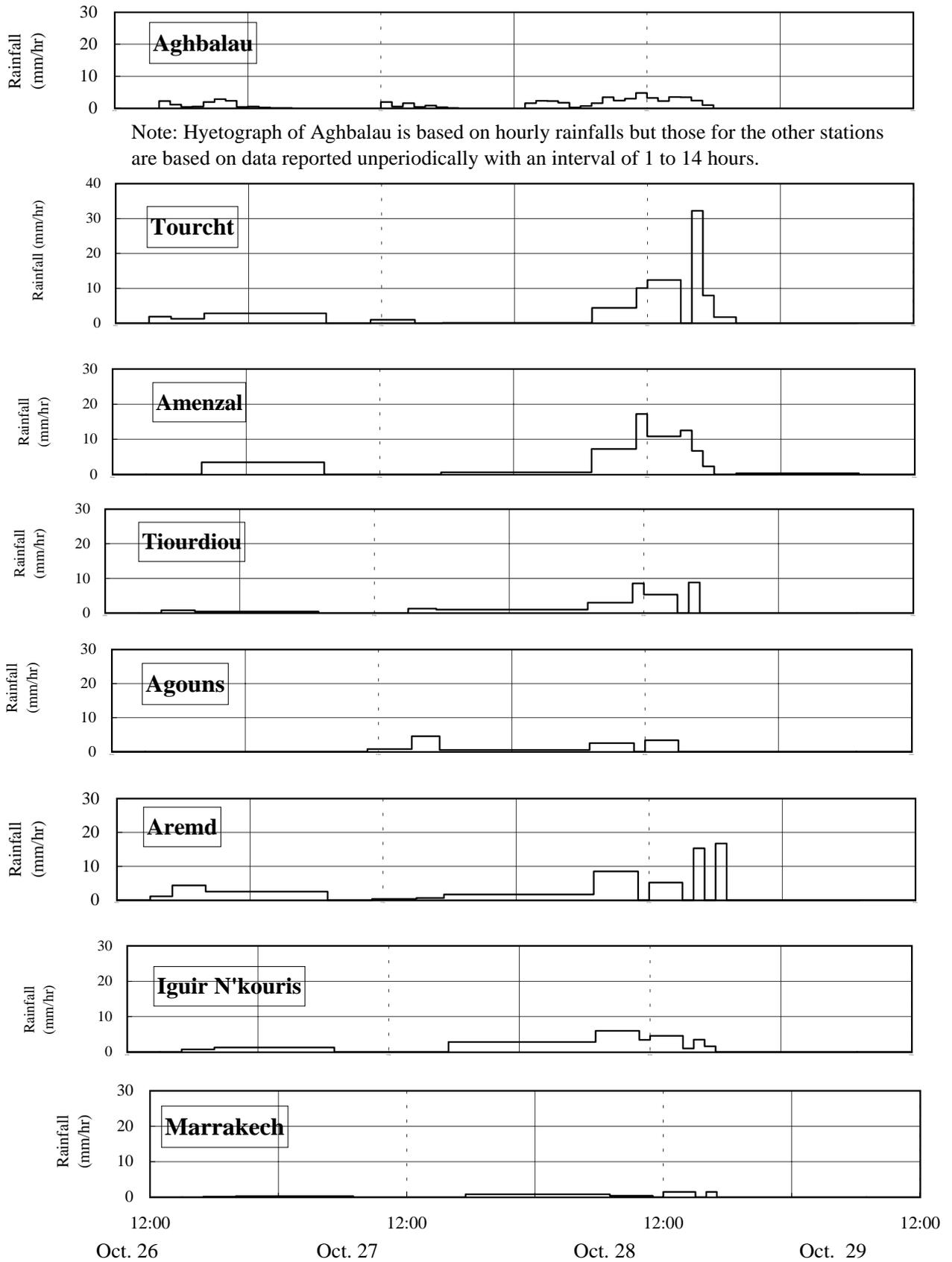
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Fig. 4.4.1 LOCATION OF RADIO STATIONS AND CLIMATIC POST IN AL HAOUZ PROVINCE

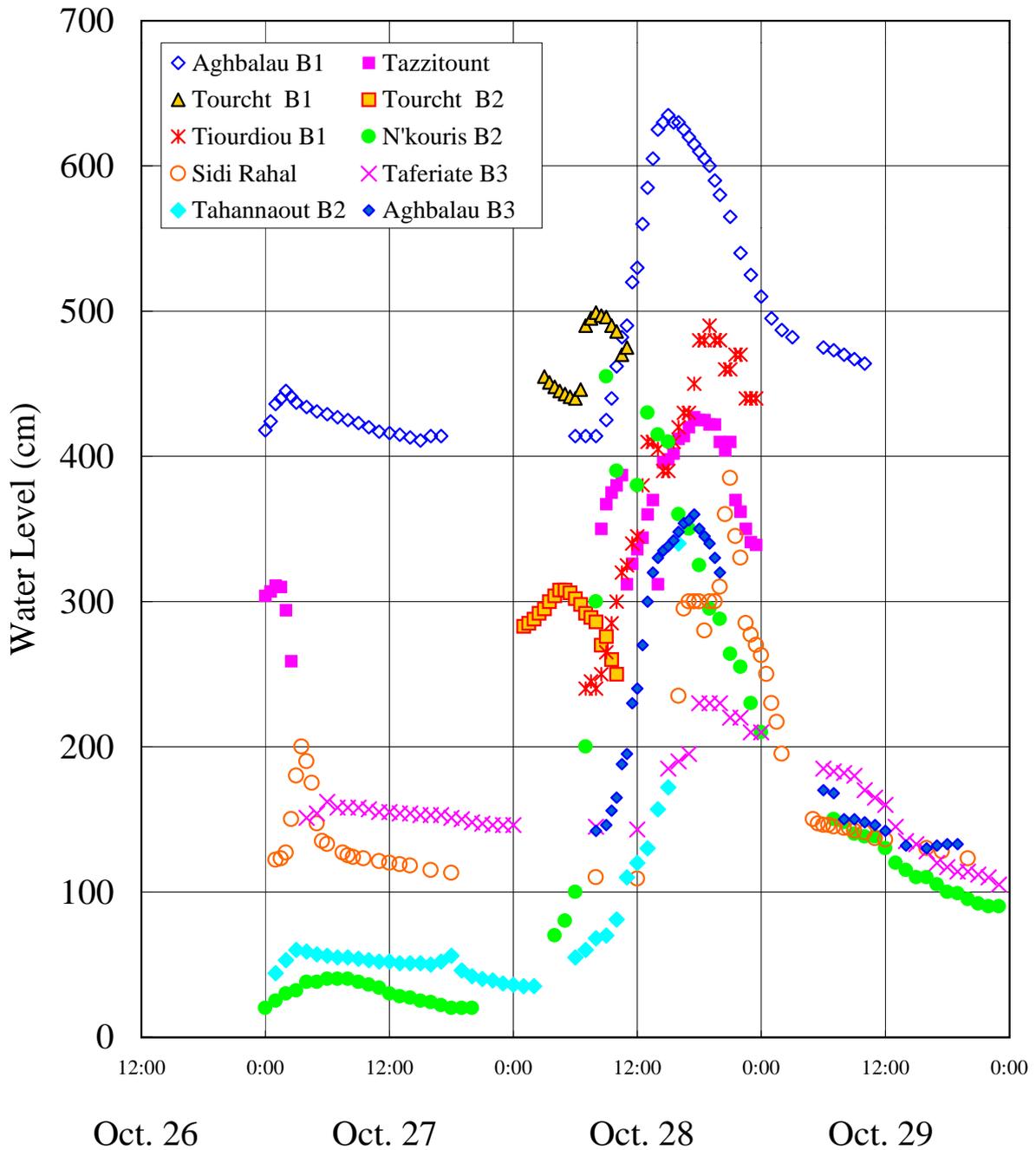


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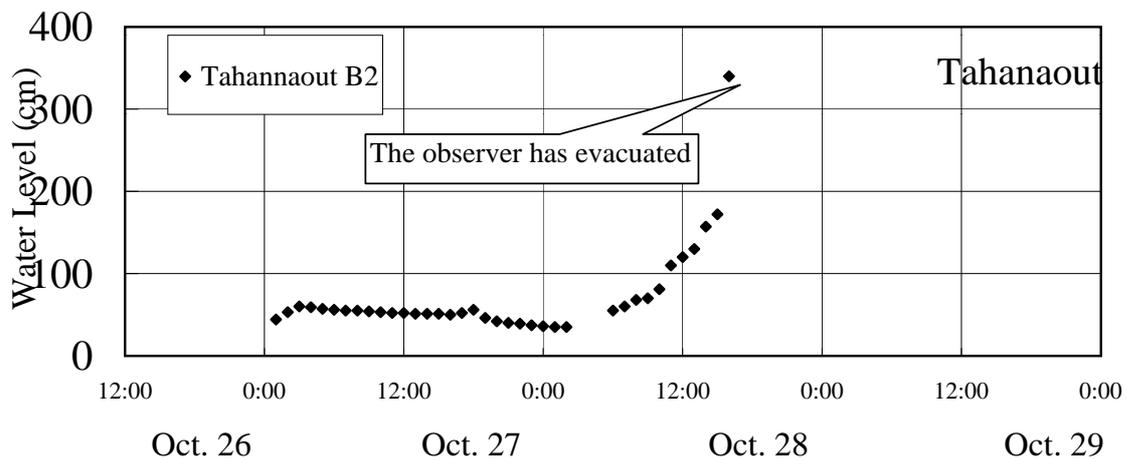
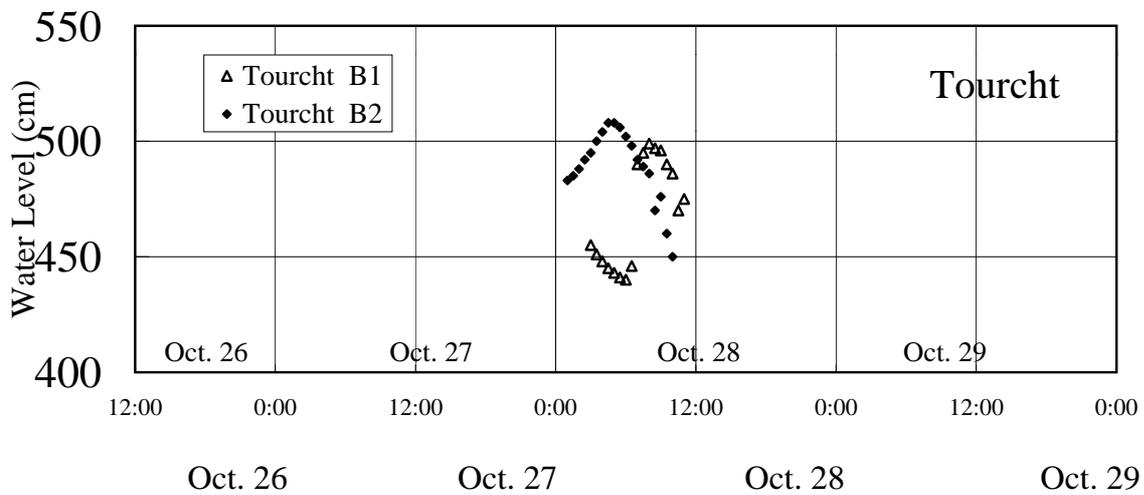
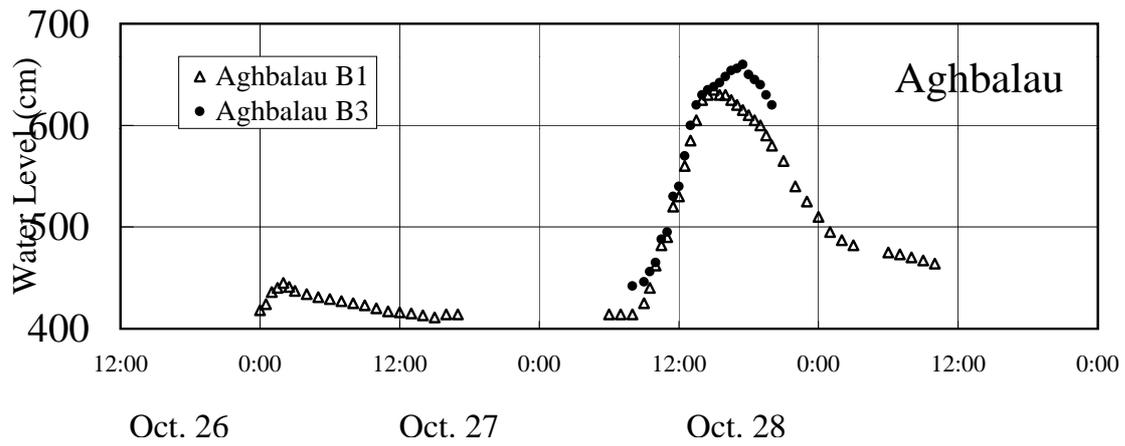
Fig. 4.5.1 PLAYBACK OF OCTOBER 1999 FLOOD



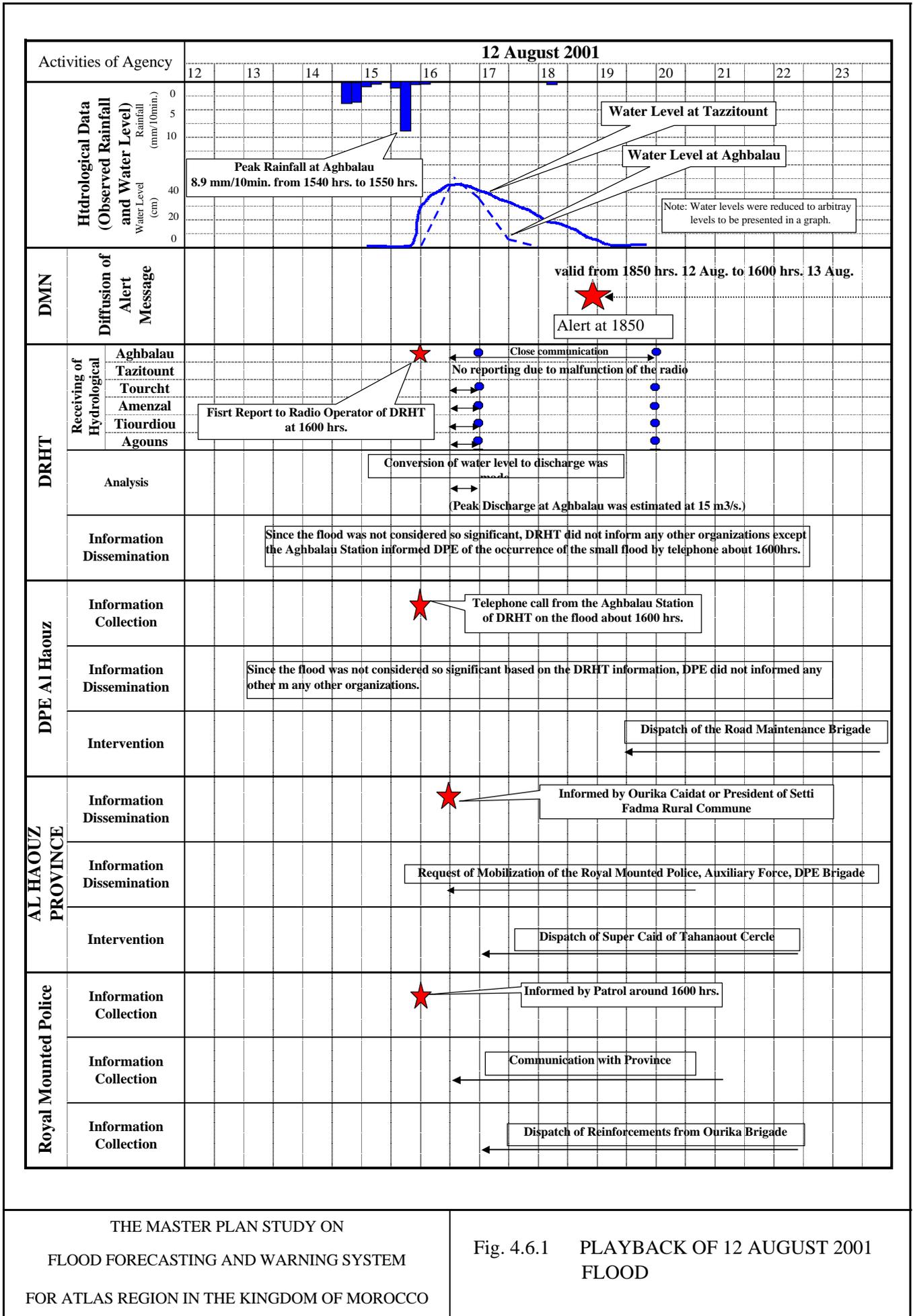
Water Level Graph (Oct., 1999)



Note: Water levels have been reduced to arbitrary levels to be presented in a graph.

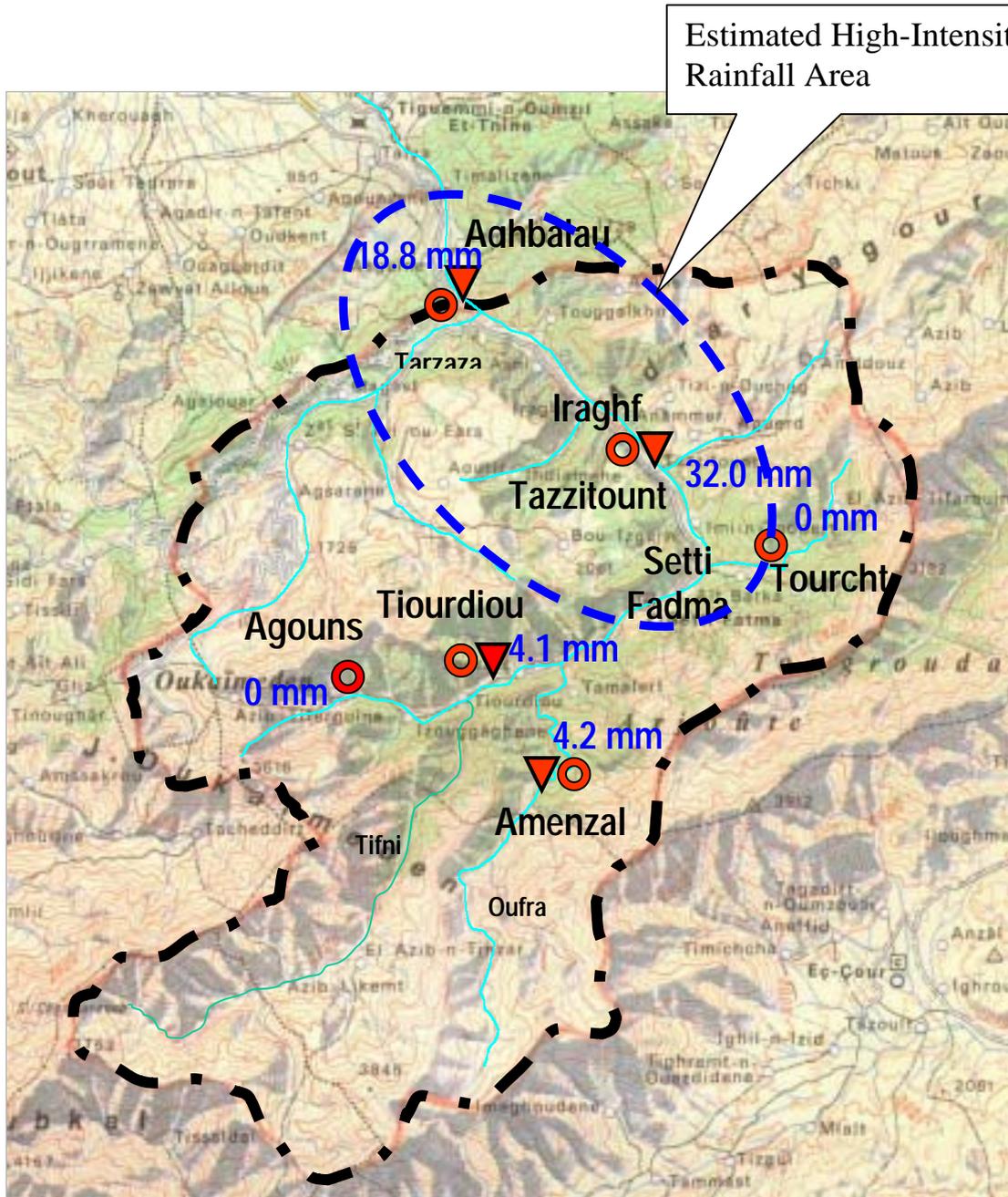


Note: Water levels have been reduced to arbitrary levels to be presented in a graph.



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Fig. 4.6.1 PLAYBACK OF 12 AUGUST 2001 FLOOD



Legend

- Water Level Gauge
- Rainfall Gauge
- 4.2 mm** Observed Rainfall on 12 August 2001



Fig. 4.6.2 DISTRIBUTION OF RAINFALL
ON 12 AUGUST 2001