



Manitoba ARES

Recommended Minimum Equipment List for Field Operations
Last Revision February 2011.

HF MOBILE/BASE TRANSCEIVER

100 Watt SSB/CW
160m - 10m
Microphone, headphones & CW Key
Power Cables & Spare fuses & Power Supply

HF ANTENNA TUNER

VHF MOBILE/BASE TRANSCEIVER

Min 25 Watt
Microphone & headphones
Power Cables & Spare fuses & Power Supply

VHF HANDHELD

Used for local communications or monitoring other frequencies
With extra battery pack(s)
Battery Charger
AA Battery Pack

POWER SUPPLY

AC Power Supply to run HF & VHF radios
12 volt 24 A/H Back-up battery

OTHER STATION EQUIPMENT

Minimum 50 ft extension cord/s
Ground Rod
Consider min 2.5 KW Generator & 8 hrs fuel

ANTENNA

HF 80 / 40 m dipole.
VHF gain
See MB ARES frequency list for some proposed HF frequencies
Appropriate portable antenna support structure – tripod/mast, rope to support dipole etc.

FEED LINE

"RG-8"-type 50 ft with connectors for HF and VHF
Coax patch-cords with connectors

TOOLS

Hammer, Pliers, Screwdrivers, Wire Strippers/Cutters, Soldering Iron & Solder, Hook-up Wire, tape (electrical & masking),
And any other basic tools necessary for minor repairs or station set-up



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DOCUMENTATION AND MATERIALS FOR STATION

Maps

ARES Instructions specific to the incident or event

ARES Message Forms & ARES Station Log sheets

Manitoba ARES Photo-ID * *access control measures may prevent your entry into assigned locations without a valid Manitoba ARES photo ID.*

Amateur Radio Operator's Certificate

Notepaper, pens, pencils, etc

Wrist Watch or small portable clock for station time

ARES Vest

PERSONAL SUPPLIES

2-day supply drinking water

Several day supply of Non-perishable food

1-week supply of your Prescription Medications

Other consideration: Hearing Aid – spare batteries

Flashlight with spare batteries & spare bulb

First-Aid Kit

Seasonal clothing

(Parka, tuque, mitts, boots & snow pants vs. rain suit & cap)

Bug spray

Change of clothes, toiletries, and sleeping bag/bedroll/air mattress.