



PEAK ENVIRONMENTAL MONITORING

*irrigation management
environmental monitoring
soil and water monitoring*

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Peak Environmental Monitoring

ADCON data recording and telemetry systems

Peak Environmental Monitoring can provide installation and commissioning of the ADCON range of telemetry and environmental data recording technologies.

The A753 addWAVE GSM/GPRS meets the most stringent requirements.

Features

- high resolution processor (16 bit)
- World Met. Office (WMO) compliance
- Synchronous and asynchronous monitoring
- 2 Meg of memory
- 60 I/O channels
- 40 SDI-12 compliant sensors
- pulse counter (3 * 50 Hz)
- pulse counter (1 * 500 Hz)
- Rain intensity monitoring



Assembled in a robust aluminium housing, with integrated battery and quad-band Motorola GPRS modem.

The ADCON environmental monitoring system and agricultural meteorological stations are specifically designed for use in irrigation water management and water use efficiency programs

Parameters measured, but not limited to, include the following -

Soil moisture
Micro climate
Reference ETo
Irrigation quantity
Water level in tanks, canals, aquifers,
Pump runtime and failure

Plant disease advisory systems

The ADCON weather station, consists of an A733 addWAVE radio logger and all the sensors required to compute the most common disease models, be those disease models for tree crops like apples and pears (e.g. apple scab, fire blight), for grapes (downy and powdery mildew, botrytis) or for arable crops like potatoes and vegetables (phytophthora, alternaria, etc.). Many of these models are delivered free of charge with a copy of the Adcon DSS software addVANTAGE Pro 5.4.

