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Total risk after correcting the risk due to fire for the situation in the new LHIB building. The risk due to fire had been very high for certain of these collections.

References

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Rob Waller
Canadian Museum of Nature



Hanwell Radio Telemetry

The Hanwell radio system has now been in use for eight years and has developed considerably during that time to accommodate ever more sophisticated requirements from customers. When the system is correctly installed and maintained, a very high degree of reliability is now routinely achieved in the collection of data.

The system is based around a data logger (The 'Architect') which in its latest version offers a range of features which ensure data integrity. These features include flash memory and on-board battery back up. The large memory capacity allows the unit to run for long periods of time independent of a Host PC.

The Temperature/Humidity sensors themselves are now in their MkIII version offering high accuracy Vaisala sensors as standard and optional LCD screens. These new units are also slimmer and lighter than their predecessors.

A wide range of sensors can be added to the standard system including Lux, Lux/UV, PT100 surface temperature sensors, smoke and flood detectors, people counters, power consumption meters and wood-moisture sensors.

One major development in the last year has been the acceptance of the system for environmental control as well as monitoring. A range of schemes have been implemented which include conservation heating for National Trust properties and the control of Humidifier/Dehumidifier combinations via Hanwell radio Humidistats.

Liz Halliday
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