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**Environmental Monitoring Report – Falconer Museum & Store**

**29th February 2024**

Please note these readings cover a six month period, I was unavailable for the August visit.

**Handheld thermo-hygrometer weekly readings**

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| ***Museum Ground Floor (GF)*** | 18.3°c | 43.2% |
| ***Museum mezzanine*** | 18.3°c | 40.0% |

|  |  |  |
| --- | --- | --- |
| ***Museum store GF*** | 15.0°c | 48.0% |
| ***Museum store 1st Floor*** | 15.2c | 43.0% |

**Data logger download data**

**Museum**

|  |  |  |
| --- | --- | --- |
| ***Museum*** | **Temp °c** | **Relative Humidity %** |
| ***Min*** |  |  |
| ***Max*** |  |  |
| ***Average*** |  |  |

Low battery, no data, replaced the battery.

|  |  |  |
| --- | --- | --- |
| ***Museum Archaeological Cabinet*** | **Temp °c** | **Relative Humidity %** |
| ***Min*** | 13.1°c | 42.6% |
| ***Max*** | 18.9°c | 46.6% |
| ***Average*** | 16.0°c | 44.7% |

See graph below



The humidity appears under control, with minimum fluctuation between 43.6 and 47.6% relative humidity.

Museum Store

|  |  |  |
| --- | --- | --- |
| ***Museum Store GF*** | **Temp** | **Humidity** |
| ***Min*** | 13.1c | 42.6% |
| ***Max*** | 18.9c | 46.6% |
| ***Average*** | 16c | 44.7% |



|  |  |  |
| --- | --- | --- |
| ***Museum Store 1st F-silica gel ailse*** | **Temp** | **Humidity** |
| ***Min*** | 8.1c | 50.5% |
| ***Max*** | 14.9c | 69.7% |
| ***Average*** | 12.5c | 59% |



The annual agreement in place with Moray Council, now agrees to site visits every two months from April to October and one in January or February, previously the agreements covered every three months. Insects and internal environments are more stable between October & April.

Richard Aitken ACR

High Life Highland Conservation Service

High Life Highland & Registration Centre.