



HOBO® U30-NRC Weather Station

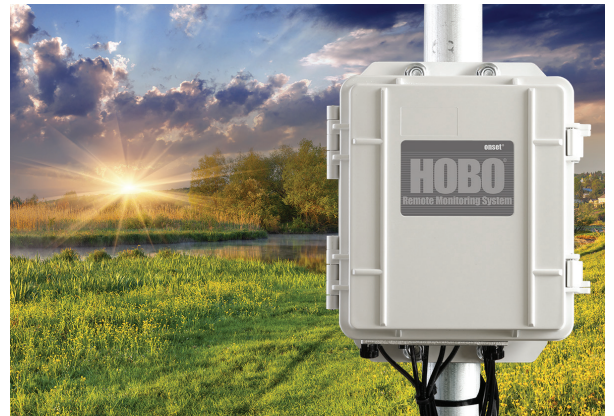
Research-grade data logging weather station

This rugged weather station is one of Onset's most durable outdoor environmental monitoring solutions. Users can easily configure the HOBO U30-NRC Weather Station to fit their application needs. Use up to 15 channels to collect environmental data and then upload to HOBOWare Pro software for expert analysis.

Supported Measurements: Barometric Pressure, Leaf Wetness, Light Intensity, PAR, Pulse Input, Rainfall, Relative Humidity, Soil Moisture, Solar Radiation, Temperature, Wind Speed & Direction, 4-20mA, Voltage Input

Key Advantages:

- Rugged double-weatherproof, tamper-proof enclosure
- Setup is quick and easy with plug-and-play sensors
- Fast data offload via USB
- Optional analog inputs with sensor excitation
- Includes relay that can be activated on user-defined alarm conditions



Minimum System Requirements:



Software



Power source¹



Sensor

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¹AC power adapter or solar panel required. For more details, please visit onsetcomp.com

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|----------------------------------|--|
| Part number | U30-NRC |
| Smart-Sensor Inputs | 5 or 10 |
| Data Channels | Maximum of 15 (some sensors use more than one data channel) |
| Smart Sensor Cable Length | 100m (323ft) maximum |
| Alarm Relay | Can be activated, deactivated or pulsed on user-defined sensor alarms. |
| Logging Interval | 1 minute to 18 hours, user-specified |
| Data Storage Memory | 512K bytes local storage in non-volatile flash memory |
| Environmental Rating | Weatherproof enclosure, NEMA 4x |
| Operating Range | -40 to 60°C (-40 to 140°F) see battery life |
| Power | An Onset solar panel (3w, or 6w) or AC adapter is required |
| Battery Life | 3-5 years, 4 volt 10 AHr rechargeable sealed lead acid |
| Dimensions | 17.8 x 11.7 x 19.3 cm (7.0 x 4.6 x 7.6 in) |
| Weight | 2kg (4lbs 10oz) |
| Local Communication | USB |
| CE Compliant | Yes |

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