



## HOBO® U30-NRC Weather Station

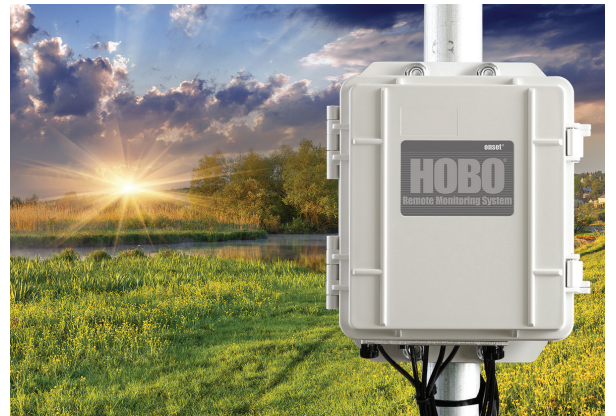
### Research-grade data logging weather station

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 source<sup>1</sup>



Sensor

\*A complete U30 remote monitoring system requires a data plan (U30-NRC is data logger only and does not require a data plan).  
<sup>1</sup>AC power adapter or solar panel required. For more details, please visit [onsetcomp.com](http://onsetcomp.com)

► For complete information and accessories, please visit: [www.onsetcomp.com](http://www.onsetcomp.com)

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

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
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Technical Support (8am to 8pm ET, Monday through Friday)

- Contact Product Support [onsetcomp.com/support/contact](http://onsetcomp.com/support/contact)
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