pacific data systems
Australia

AUTOMATIC FEEDLOT WEATHER STATION

The Pacific Data Systems Australia Feedlot Weather Station with Heat Load Index (HLI) and Accumulated Heat Load Unit (AHLU) monitoring assesses and informs producers on the real-time heat stress conditions experienced by livestock. This results in better operational practices and greater returns for feedlot operators.

The Heat Load Indexes are drawn from algorithms developed by the Meat and Livestock Association (MLA). Pacific Data Systems Australia is an MLA approved manufacturer and can deliver your heat load index (HLI) and accumulated heat load units (AHLU) values for your feedlot.

STANDARD INCLUSIONS:

- Latest 4G LTE-M/NB-IoT telemetry
- Ultrasonic windspeed - direction sensor
- Black globe temperature sensor and light solar radiance
- Temperature, humidity, barometric pressure sensor
- Solar panel and battery backup
- Tipping bucket rain gauge

OPTIONAL

- Satellite connectivity
- Gas sensing – methane, ammonia, hydrogen sulfide,
- Sulphur dioxide
- Light – solar radiation
- Mast/Tripod

OUR SERVICES

Custom Systems - Data Loggers - Breathalysers Drug Testing Kits - Post Harvest Technologies - Environmental Monitoring

CONTACT US

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AUTOMATIC FEEDLOT WEATHER STATION

Heat Stress Management for Livestock
Access and Monitor Anywhere Anytime

Excessive heat load or heat stress can be detrimental to the health & wellbeing of livestock, and can cause:

- **Decline in feed intake**
- **Reduced fertility**
- **Decreased milk production**
- **Death**

Directly resulting in:

- **Loss of income**
- **Increase in operational costs for the business**

Benefits & Features

Respond quickly to excessive heat load events
Activate your excessive Heat event response plan prior to physical signs of heat.

Complete automation
No time-consuming manual measurements or calculation required.

Long-term reliability / Made for rugged environments
No moving parts means minimal maintenance. Sensors are field-replaceable by the user.

Fast installation
Integrated turn-key design simplifies on-site installation. Professional installer or electrician is not required

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