



CATEGORIES

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Heat Stress

Technical

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Kestrel 5400AG Cattle Heat Stress Tracker with LiNK + Vane Mount

SKU family: 0854AGLVCHVG

Don't let cattle heat stress reduce your herd performance and cost you money. Implement an effective management plan based on objective and accurate THI, HLI and AHLU measurements at the pen level with Kestrel. Rugged hand-held meter can also be mounted with included hardware for longer term monitoring of heat events.

Learn more about [Cattle Heat Stress](#)

\$699.00

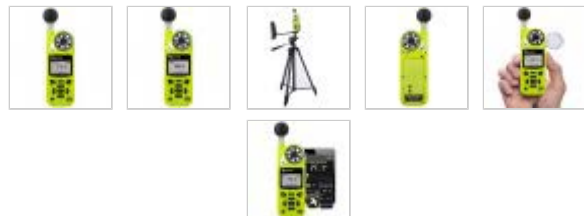
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Kestrel 5400AG Cattle Heat Stress Tracker with LiNK + Vane Mount Overview

In-depth Overview:

The Kestrel 5400 Cattle Heat Stress Tracker offers micro-climate measurement and monitoring at the pen or yard location. Contains a built-in Globe Temperature sensor and complete cattle-specific calculations. Measure [THI](#) and [HLI](#) and track [AHLU](#) based on easy-to-input herd and pen parameters. Perform spot checks or mount in place with the included vane mount accessory to track AHLU for months. LiNK capability allows remote access to current and logged data from your iOS or Android mobile device. Mount a mobile data equipped tablet nearby to send mobile alerts even when you're not on-site. Designed by Kestrel with input from some of the world's most respected experts in cattle heat stress, the Kestrel 5400 Cattle Heat Stress Tracker is designed to help you MEASURE and MANAGE your herd's heat stress, ensuring you MAXIMIZE your bottom line.

- Heat Load Index ([HLI](#)), Temperature-Humidity Index ([THI](#)), Accumulated Heat Load Units ([AHLU](#)), Wet Bulb Globe Temperature (WBGT), heat index, Delta T, temperature, humidity and much more. 21 measurements in all!
- Complete weather station capabilities with a comprehensive suite of weather measurements including wind speed, direction, pressure trend, temperature and humidity.
- Durable, portable, and easy to use data logger with customizable category settings, graphing and measurement statistics.
- Large, hi-res, hi-contrast, graphic display is perfectly readable in the brightest sunlight and is backlit for use in low-light conditions.
- LiNK connectivity powered by *Bluetooth LE*® provides wireless communication to mobile devices and computers.
- Rugged (drop tested to MIL-STD-810G standards), dust and waterproof (sealed to IP67 standards).
- Included Kestrel Vane Mount easily attaches to fencing.
- Protective pouch, neck lanyard and Lithium AA battery included.
- 5-year warranty.

Visit the [Cattle Heat Stress Minisite](#) for a more detailed look at this breakthrough tool.



Measurements:

- Altitude
 - Accumulated Heat Load Units ([AHLU](#))
 - Barometric Pressure
 - Crosswind
 - Delta T
 - Density Altitude
 - Dew Point Temperature
 - Globe Temperature
 - Headwind/Tailwind
 - Heat Load Index ([HLI](#))
 - Heat Stress Index
 - Naturally Aspirated Wet Bulb Temperature
 - Relative Humidity
 - Station Pressure (Absolute Pressure)
 - Temperature
 - Temperature-Humidity Index ([THI](#))
 - Wet Bulb Temperature (Psychrometric)
 - Wet Bulb Globe Temperature (WBGT)
 - Wind Chill
 - Wind Direction (Cardinal Points, Degrees)
 - Wind Speed
-

Who's Using?

- Feedlots/Feedyards
 - Cow-Calf Operators
 - Backgrounding Operations
 - Dairy Producers
 - Processors
 - Veterinarians
 - Livestock Nutritionists
 - Transportation Providers
 - Researchers
-

Works with Compatible Apps:

Kestrel LiNK for Windows and Mac

- [Kestrel LiNK for Windows](#)
- [Kestrel LiNK for MAC OSX](#)

Simple communication to Windows and Mac computers is provided through the optional LiNK .USB Dongle or USB Data Transfer Cable. Download your data to view, analyze and archive. Enables firmware update of Kestrel 5 series meters.

Kestrel LiNK for iOS & Android

- [Kestrel LiNK for iOS](#)
- [Kestrel LiNK for Android](#)

Wirelessly connect with iOS and Android devices. When in range, view real-time measurements, receive on-screen alerts and download your data. Logged data can be viewed, analyzed, archived and shared via e-mail, Facebook and Twitter. Enables firmware update of Kestrel 5 series meters. **NOTE:** Range up to 100' line of sight – reduced by walls and obstructions.











Models & SKUs:












- Kestrel 5400 Cattle Heat Stress Tracker: 0854AGLVCHVG

Includes:

- Kestrel Vane Mount
- Neck Lanyard
- AA Lithium Battery (Average Life 400 Hours)
- Protective Drawstring Pouch
- [Certificate of Conformity](#) (with complete specifications) Measures [THI](#) and [HLI](#) and track [AHLU](#) will be available 10/26/2016
- Instruction Manual
- Five Year Warranty

Compare All Livestock and Agriculture Models

MEASUREMENTS	DROP D2AG \$99	5000AG \$269	5500AG \$319	5400AG \$699
 Temperature	✓	✓	✓	✓
 Relative Humidity	✓	✓	✓	✓
 Heat Stress Index	✓	✓	✓	✓
 Temperature-Humidity Index (THI)	✓	✓	✓	✓
 Dew Point Temp.	✓	✓	✓	✓
 Wind Speed/Air Speed		✓	✓	✓
 Wind Chill		✓	✓	✓
 Wet Bulb Temp. (Psychrometric)		✓	✓	✓
 Station Pressure (Absolute Pressure)		✓	✓	✓
 Barometric Pressure		✓	✓	✓

 Altitude		✓	✓	✓
 Density Altitude		✓	✓	✓
 Volume Air Flow		✓	✓	
 Wind Direction			✓	✓
 Crosswind / Headwind / Tailwind			✓	✓
 Delta T			✓	✓
 Globe Temp.				✓
 Naturally Aspirated Wet Bulb Temp.				✓
 Wet Bulb Globe Temp. (WBGT)				✓
 Heat Load Index (HLI)				✓
 Accumulated Heat Load Units (AHLU)				✓

Measures

- Temperature Humidity Index (THI)
- Heat Load Index (HLI)
- Accumulated Heat Load Units (AHLU)
- Altitude
- Barometric Pressure
- Density Altitude
- Dew Point Temperature
- Globe Temperature
- Heat Stress Index
- Naturally Aspirated Wet Bulb Temperature
- Relative Humidity
- Station Pressure (Absolute Pressure)
- Temperature
- Wet Bulb Globe Temperature (WBGT)
- Wet Bulb Temperature (Psychrometric)
- Wind Chill
- Wind Speed



Accessories



Kestrel LiNK Wireless Dongle for PC or Mac, Kestrel 5 Series

\$30.00

Wirelessly transfer data logs and update firmware via Bluetooth® low energy with this ...

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Pole/Tree Mounting bracket

\$35.00

28 to 49 inch aluminum mounting bracket for 7" and 28"-49" poles.

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7" 1/4"-20 mounting pole

\$15.00

Seven inch aluminum mounting pole for a vane mounted Kestrel.

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Other Models you Might Consider



**Kestrel DROP D2AG
Livestock Heat Stress
Monitor**
\$99.00

Livestock heat stress can cause serious health issues in your valuable livestock as wel...



Belt Carry Pouch
\$19.00

When you need hands-free protection for your Kestrel, the Kestrel Nitelze Belt Clip Case i...

The Kestrel Design Difference

We are continuously dedicated to researching ways to improve the Kestrel line and create new products to meet our customers' needs. [Learn How](#)

About NK

Nielsen-Kellerman Company designs, manufactures and distributes rugged, waterproof environmental and sports performance instruments for active lifestyles and technical applications. [Learn More](#)

2016 Kestrel Tradeshow Schedule

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21 Creek Circle

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