Response Time	Model	Units	Operational Range	Resolution	Accuracy (+/-)	Specification Range
		m/s	0.4 to 60.0 m/s	0.1		0.4 to 40.0 m/s
Wind Speed		ft/min	59 to 11,948 ft/min	1		59 to 7877 ft/min
(Air Velocity)	1015	km/h	1.0 to 218.0 km/h	0.1	Larger of 3% of reading or least	1.0 to 144.0 km/h
1 second	, Moc	mph	0.8 to 135.0 mph	1	significant digit	0.8 to 89.0 mph
7 3000/10	kr.	knots	0.6 to 133.0 mpii	0.1	Jg.,	0.6 to 78.0 kt
		Beaufort	0 to 12 B	0.1		0 to 12 B
		off-axis; -2% @ 10	o; -3% @ 15°. Calibration drift < 1% after 10		PH / 7 m/s. Sustained operation at	bove 60 MPH / 27 m/s will wear impeller rapidly an
ay cause destruction of impeller. Replaceme	nt impeller (NK PN-0801) may be field-installed	without tools (US Pa	tent 5,783,753). 0 to 99,999 cfm	1		0 to 99,999 cfm
Air Flow		m³/h	0 to 99,999 m³/h	1		0 to 99,999 m³/h
1 second	*100 *500		0 to 99,999 m³/m	1	3% of reading	
i second	and and	m³/m		0.1	3% or reading	0 to 99,999 m³/m
		m³/s L/s	0.0 to 9,999.9 m ³ /s 0 to 99,999 L/s	1		0.0 to 9,999.9 m ³ /s 0 to 99,999 L/s
tomatically calculated from Air Velocity mea	surement and user-specified duct shape (circle of				258 0 in / 21 5 ft / 655 3 cm / 6 55	
	caronical and abor openined adol shape (or sie	o rootangio, and aim	360°	4	5°	0 to 360°
Wind Direction / Forward Heading	,500			- '		
1 second	•	Cardinal Points	360°	16 Points	5°	0 to 360°
	inted perpendicular to unit plane to permit opera s or unit and must be run after every full power-d			for True North read	out. Accuracy of measurements d	ependent upon unit's vertical position. Self-calibrat
•	s of unit and most be full after every full power-u					
Temperature	Ton For You Fee Ton Ton Was Ton Ton Fee Fee Fee	°F	-49.0 to 257.0 °F	0.1	1.8 °F	-20.0 to 158.0 °F
1 second		°C	-45.0 to 125.0 °C	0.1	1.0 °C	-29.0 to 70.0 °C
easures air, water and snow temperature. The	nermally isolated, hermetically sealed, precision	thermistor mounted	externally (US Patent 5,939,645). Calibration	n drift negligible.		
Relative Humidity	200 200 200 200 200 250 300 500	%RH	0.0 to 100.0 %	0.1	3.0 %RH	5.0 to 95.0 % non-condensing
1 minute olymer capacitive humidity sensor mounted in				lative humidity accu		ilibrate to external temperature when exposed to la
pid temperature changes and must be kept o	ut of direct sunlight.) Calibration drift +/- 2% over	er 24 months. Relativ	e humidity may be recalibrated at factory or i	in field using Kestrel	Humidity Calibration Kit (NK PN-0	802).
Evaporation Rate	_	lb/ft²/hr	0.00 to 1.00 lb/ft²/hr	0.01	Typical: ±0.02 lb/ft²/hr	0.00 to 1.00 lb/ft²/hr
	kano					
1 second		kg/m²/hr	0.00 to 5.00 kg/m²/hr	0.01	Typical: ±0.1 kg/m²/hr	0.00 to 5.00 kg/m ² /hr or probe thermometer (°F or °C, not included with
	wind speed, air temperature, relative humidity ar is should be taken 20 inches above pour surface					
000/. i oi maximum accuracy, reading	o stodio de taken zo inches above pour surface	uie uieliiistor:	Sindacu, and averaged for 0-10 seconds USIN	9 June in averaging 1	anaton, maximum accuracy, ±0.00	Signature to to kg/III /III.
			00::			A1 77 6 25 25 11 21 21 21
Pressure		inHg	0.3 to 32.5 inHg	0.01	0.05 inHg	At 77.0 °F, 22.1 to 32.5 inHg
1 second	2500 3500 1000 1200 1250 1200 1500	hPa / mb	10.0 to 1100.0 hPa / mb	0.1	1.5 hPa / mb	At 25.0 °C, 750 to 1100hPa / mb
		PSI	0.15 to 16.0 PSI	0.01	0.02 PSI	At 77.0 °F, 10.9 to 16.0 PSI
onolithic silicon piezoresistive pressure senso	or with second-order temperature correction. Ma	ximum error over ter	nperature range 32 to158 °F (0 to70°C) , +/-	0.06 inHg / +/-2.0 hF	Pa. Calibration drift typically -0.03	nHg / -1.0 hPa per year. Pressure sensor may be
calibrated at factory or in field.						
Altitude	0,000,000	ft	-6000 to 30000 ft	1	50 ft	At 77.0 °F, <19,700 ft. Max error +/- 98 ft
1 second	2500 3500 1000 1200 1250 1250 1500	m	-2000 to 9000 m	1	15 m	At 25.0 °C, <6,000 m. Max error +/- 30 m
emperature compensated pressure (barometr	ic) altimeter.					
		mph	0.8 to 135.0 mph	1	5%	8.5 to 89.0 mph
Crosswind		ft/min	59 to 11,880 ft/min	1	5%	750 to 7832 ft/min
Headwind, Tailwind	a gran	km/h	1.0 to 217.3 km/h	0.1	5%	13.7 to 143.2 km/h
1 second		m/s	0.4 to 60.0 m/s	0.1	5%	3.8 to 40.0 m/s
		knots	0.6 to 117.3 kt	0.1	5%	7.4 to 77.0 kt
alculated from the primary measurements of	wind speed, wind direction and target heading.				_	
Wind Chill		°F	0.7 to 135.0 MPH, -49.0 to 257.0 °F	0.1	1.8 °F	1.8 to 89.0 mph, -50.0 to 50.0 °F
1 second	Jan Fan Jan Fan Man Han Kan Kin Kin Fin Fan Fan	°C	0.4 to 60.0 m/s, -45.0 to 125.0 °C	0.1	1.0 °C	0.4 to 40 m/s, -45.6 to 10.0 °C
alculated from the primary measurements of	wind speed and temperature. Utilizes the NWS	Wind Chill Temperat	one (MCT) Index, revised 2004 with wind on		actor of 1 E to viold agriculant requi	te to wind enough moderated at 10 m above around
No. 1 - 199 - 1 - 19 - 11 - 12 - 12 - 12 -			ure (WC1) index, revised 2001, with wind sp	eed adjusted by a ta	ictor or 1.5 to yield equivalent resu	its to wind speed measured at 10 m above ground.
	(WCT Tables.)					
Heat Index		°F	0.0 to 100.0 %RH, -49.0 to 257.0 °F	0.1	3.6 °F	70.0 to 130.0 °F, 0 to 100% RH
	gangan kan kan kan kan kan kan					
Heat Index 1 minute		°F °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C	0.1	3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH
Heat Index 1 minute	រុទ្ធ ^{ស្តេ} រុទ្ធ ^{ស្តេ} រួម ^ស ្ត្រមនុស្ត្រ ^{ស្តេ} រួម ^ស ្ត្រ ^{ស្ត្} ្រ temperature and relative humidity. Utilizes the N	°F °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C	0.1	3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute	gist gist gist gist gist gist gist gist	°F °C °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C	0.1 0.1 ablished by HI tables 0.1 0.1	3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute	រុទ្ធ ^{ស្តេ} រុទ្ធ ^{ស្តេ} រួម ^ស ្ត្រមនុស្ត្រ ^{ស្តេ} រួម ^ស ្ត្រ ^{ស្ត្} ្រ temperature and relative humidity. Utilizes the N	°F °C °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C	0.1 0.1 ablished by HI tables 0.1 0.1	3.6 °F 2.0 °C 3.6 °F	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0% RH
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t	goth goth guth groth goth goth goth geth temperature and relative humidity. Utilizes the N goth goth guth groth goth goth goth goth temperature and relative humidity. Temperature	°F °C tWS Heat Index (HI) °F °C to which the air woul	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH,	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 o become saturated	3.6 °F 2.0 °C 5.) 3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0 %RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0 %RH
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature	goth goth guth groth goth goth goth geth temperature and relative humidity. Utilizes the N goth goth guth groth goth goth goth goth temperature and relative humidity. Temperature	°F °C °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 linitg	0.1 0.1 ablished by HI tables 0.1 0.1	3.6 °F 2.0 °C 3.6 °F	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0% RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0% RH, 8.86 to 32.48 inHg, <19700 ft
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t	gist gist gist gist gist gist gist gist	°F °C tWS Heat Index (HI) °F °C to which the air woul	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est: 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure I -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 in/4g -45.0 to 125.0 °C, 0.0 to 100.0 %RH,	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 o become saturated	3.6 °F 2.0 °C 5.) 3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute	gare gare gare gare gare gare gare gare	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa	0.1 0.1 ablished by HI tables 0.1 0.1 o become saturated 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0% RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0% RH, 8.86 to 32.48 inHg, <19700 ft
Heat Index 1 minute alculated from the primary measurements of 1 Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute	goth goth guth groth goth goth goth geth temperature and relative humidity. Utilizes the N goth goth guth groth goth goth goth goth temperature and relative humidity. Temperature	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est: 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer.	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0.1 0 become saturated 0.1 0.1	3.6 °F 2.0 °C 3.1 3.6 °F 2.0 °C 3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0 %RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0 %RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.6 °C, 5.0 to 95.0 %RH, -2000.0 to 9000.0 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute	gare gare gare gare gare gare gare gare	°F °C WS Heat Index (HI) °F °C to which the air wou	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa	0.1 0.1 ablished by HI tables 0.1 0.1 o become saturated 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of the second	gare gare gare gare gare gare gare gare	°F °C WS Heat index (HI) °F °C to which the air wou °F °C mperature indicated t	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C 4.0 °C 4.0 °C	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0 %RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0 %RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 %RH, -2000.0 to 9000.0 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humildity Ratio 1 minute	group	°F °C WWS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated t gpp g/kg	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10%	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0 %RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0 %RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.6 °C, 5.0 to 95.0 %RH, -2000.0 to 9000.0 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humildity Ratio 1 minute	gare gare gare gare gare gare gare gare	°F °C WWS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated t gpp g/kg	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure I -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.8 to 32.48 in htg 45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg bt of dry air, called the humidity ratio, is an in	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10%	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humidity Ratio 1 minute alculated from the primary measurements of t	garb garb garb group garb garb garb garb garb garb garb garb	°F °C WWS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated t gpp g/kg	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C do need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg bt of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 % RH,	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10%	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100% RH 22.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 300.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humildity Ratio 1 minute	group	°F °C WS Heat index (HI) °F °C to which the air wou °F °C mperature indicated t GPP G/kg measure of Grains/	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C do need to be cooled at a constant pressure 1 -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32-48 inHg 45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg bt ofdry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32-48 inHg	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1 0.1 1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 in Hg -29 to 54 °C, 5 to 95% RH, 30.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 ~37.8 °C, 5.0 to 95.0 % RH,
and the calculated from the primary measurements of the calculated from the calculated from the calculated from the calculated	group	°F °C to which the air wou °F °C comperature indicated t gpp g/kg e measure of Grains/ ft m	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C d need to be cooled at a constant pressure I -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg vp a wet bulb p sychrometer. 0.000 to 5000.0 gpp 0.000 to 720.0 g/kg bt of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 % RH, 8.86 to 32.48 inHg 45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg	0.1 0.1 abilished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 1 1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH -39.0 to 70.0 °F, 5.0 to 95.0 % RH -32.0 to 100.0 °F, 5.0 to 95.0 % RH, -8.86 to 32.48 inHg, -19700 ft -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 300.0 to 1100.0 hPa -32.0 to 100.0 °F, 5.0 to 95.0 % RH, -8.86 to 32.48 inHg, -19700 ft
Heat Index 1 minute calculated from the primary measurements of to Dewpoint 1 minute calculated from the primary measurements of to Wet Bulb Temperature 1 minute calculated from the primary measurements of to Humildity Ratio 1 minute calculated from the primary measurements of to Density Altitude 1 second calculated from the primary measurements of the Density Altitude 1 second	garb garb garb group garb garb garb garb garb garb garb garb	°F °C to which the air wou °F °C comperature indicated t gpp g/kg e measure of Grains/ ft m	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C d need to be cooled at a constant pressure I -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg vp a wet bulb p sychrometer. 0.000 to 5000.0 gpp 0.000 to 720.0 g/kg bt of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 % RH, 8.86 to 32.48 inHg 45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg	0.1 0.1 abilished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 1 1 0.1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 in Hg -29 to 54 °C, 5 to 95% RH, 30.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 ~37.8 °C, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humidity Ratio 1 minute alculated from the primary measurements of t Density Altitude 1 second alculated from the primary measurements of t Max/Avg Wind Speed (Air Velocity),	grib grib grib grib grib grib grib grib	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated t gpp g/kg measure of Grains/ ft m density converted to	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C d need to be cooled at a constant pressure 1 49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg bt of dry air, failed the humidity ratio, is an in 49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg 45.0 to 1257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg 45.0 to 1257.0 °F, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa o equivalent sea level elevation at the Interna	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1 1 0.1 1 1 1 1 titional Standard Atm	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 in Hg -29 to 54 °C, 5 to 95% RH, 30.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 ~37.8 °C, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of to Dewpoint 1 minute alculated from the primary measurements of to Wet Bulb Temperature 1 minute alculated from the primary measurements of to Humildity Ratio 1 minute alculated from the primary measurements of to Density Altitude 1 second alculated from the primary measurements of to Density Altitude 1 second	group	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated t gpp g/kg measure of Grains/ ft m density converted to	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C d need to be cooled at a constant pressure I -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg vp a wet bulb p sychrometer. 0.000 to 5000.0 gpp 0.000 to 720.0 g/kg bt of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 % RH, 8.86 to 32.48 inHg 45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1 1 0.1 1 1 1 1 titional Standard Atm	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 in Hg -29 to 54 °C, 5 to 95% RH, 30.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 in Hg, <19700 ft 0.0 - 37.8 °C, 5.0 to 95.0 % RH,
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humidity Ratio 1 minute alculated from the primary measurements of t Density Altitude 1 second alculated from the primary measurements of t Max/Avg Wind Speed (Air Velocity),	grib grib grib grib grib grib grib grib	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated to gpp g/kg e measure of Grains/ ft m density converted to	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 125.0 °C d need to be cooled at a constant pressure 1 49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg bt of dry air, failed the humidity ratio, is an in 49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg 45.0 to 1257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 inHg 45.0 to 1257.0 °F, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa o equivalent sea level elevation at the Interna	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1 1 0.1 1 titional Standard Atm	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air. 246 75 osphere.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 %RH -20.0 to 158.0 °F, 20.0 to 95.0 %RH -29.0 to 70.0 °C, 20.0 to 95.0 %RH 32.0 to 100.0 °F, 5.0 to 95.0 %RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 %RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 30.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 %RH, 8.86 to 32.48 inHg, <19700 ft 0.0 - 37.8 °C, 5.0 to 95.0 %RH, -2000 to 9000 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of to Dewpoint 1 minute alculated from the primary measurements of to Wet Bulb Temperature 1 minute alculated from the primary measurements of the Humidity Ratio 1 minute alculated from the primary measurements of the Density Altitude 1 second alculated from the primary measurements of the Second alculated from	gen	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated I gpp g/kg measure of Grains' ft m density converted to One-button clear at	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -45.0 to 125.0 °C 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 88 to 32.48 in/19 -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg 1b of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 38.6 to 32.48 in/19 -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 100.0 hPa equivalent sea level elevation at the Internand restart of Max Wind Gust and Average Wing three-hour barometric pressure trend ind	0.1 0.1 abilished by HI tables 0.1 0.1 0.1 0.1 0 become saturated 0.1 0.1 0.1 1 0.1 1 1 dication of the mass 1 1 thonal Standard Alm nd measurement.	3.6 °F 2.0 °C 2.1 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air. 246 75 osphere.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH -20.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, *19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -200.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 300.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, *19700 ft 0.0 -37.8 °C, 5.0 to 95.0 % RH, -2000 to 9000 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humidity Ratio 1 minute alculated from the primary measurements of t Density Altitude 1 second alculated from the primary measurements of t Max/Avg Wind Speed (Air Velocity), Crosswind, Headwind/Tailwind	geth geth geth geth geth geth geth geth	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated I gpp g/kg measure of Grains/ ft m density converted to One-button clear ar	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -45.0 to 125.0 °C 0.0 to 100.0 %RH, -45.0 to 125.0 °C d need to be cooled at a constant pressure t -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 88 to 32.48 in/19 -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet bulb psychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg 1b of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 38.6 to 32.48 in/19 -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 100.0 hPa equivalent sea level elevation at the Internand restart of Max Wind Gust and Average Wing three-hour barometric pressure trend ind	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0 become saturated 0.1 0.1 0.1 1 0.1 1 1 1 1 1 1 1 1 1 1 1	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air. 246 75 osphere.	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 22.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 300.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 - 37.8 °C, 5.0 to 95.0 % RH, -2000 to 9000 hPa, <6000 m
Heat Index 1 minute alculated from the primary measurements of t Dewpoint 1 minute alculated from the primary measurements of t Wet Bulb Temperature 1 minute alculated from the primary measurements of t Humidity Ratio 1 minute alculated from the primary measurements of t Density Altitude 1 second alculated from the primary measurements of t Max/Avg Wind Speed (Air Velocity), Crosswind, Headwind/Taliwind Pressure Trend Data Storage / Display	grib grib grib grib grib grib grib grib	°F °C WS Heat Index (HI) °F °C to which the air wou °F °C mperature indicated I gpp g/kg measure of Grains/ ft m density converted te Continuously updat Minimum, maximur points, 4300 logs 1:	0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C tables. (Specification temperature limits est. 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -49.0 to 257.0 °F 0.0 to 100.0 %RH, -45.0 to 125.0 °C de need to be cooled at a constant pressure to -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 8.86 to 32.48 in/rig -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa by a wet build by sychrometer. 0.000 to 5000.0 gpp 0.00 to 720.0 g/kg b of dry air, called the humidity ratio, is an in -49.0 to 257.0 °F, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa -45.0 to 125.0 °C, 0.0 to 100.0 %RH, 300.0 to 1100.0 hPa equivalent sea level elevation at the Internand restart of Max Wind Gust and Average Wing three-hour barometric pressure trend ind n, average and logged history stored and dis	0.1 0.1 ablished by HI tables 0.1 0.1 0.1 0.1 0.1 0.1 0.1 1 0.1 1 0.1 1 0.1 1 cidication of the mass 1 1 tional Standard Alm and measurement. iciator: rising rapidly	3.6 °F 2.0 °C 3.6 °F 2.0 °C 3.6 °F 2.0 °C typical accuracy 10% typical accuracy 10% of water vapor in air. 246 75 osphere. rising, steady, falling, falling rapid	70.0 to 130.0 °F, 0 to 100% RH 21.1 to 54.4 °C, 0 to 100 % RH 22.0 to 158.0 °F, 20.0 to 95.0 % RH -29.0 to 70.0 °C, 20.0 to 95.0 % RH 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 to 37.8 °C, 5.0 to 95.0 % RH, -2000.0 to 9000.0 hPa, <6000 m -20 to 130 °F, 5 to 95% RH, 8.86 to 32.48 inHg -29 to 54 °C, 5 to 95% RH, 300.0 to 1100.0 hPa 32.0 to 100.0 °F, 5.0 to 95.0 % RH, 8.86 to 32.48 inHg, <19700 ft 0.0 - 37.8 °C, 5.0 to 95.0 % RH, -2000 to 9000 hPa, <6000 m
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