

# Weather Kit Questionnaire

The San Dimas Technology and Development Center (SDTDC) is conducting a study of the current belt weather kit and its alternatives. To help improve the weather data gathering process used by field personnel, this questionnaire was developed to determine how the current belt weather kit and possible alternatives meet the needs of field personnel. Please fill out this questionnaire to help us improve the weather data process. Feel free to make additional copies as needed and pass on to other personnel.

How much experience do you have using a pocket electronic weather meter (i.e., Kestrels)?

Over 10 hours	Between 1-10 hours	None
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If so, which brand and model no.?

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How do you rate the importance of the following features of a pocket electronic weather meter?

	Very	Moderately	Not at all
Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind Chill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relative Humidity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Heat Stress	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dewpoint	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wet Bulb Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barometric Pressure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Trend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Density Altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind Direction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Would you use a pocket electronic weather meter if one was provided?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

What are your comments or concerns regarding pocket electronic weather meters?

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Would the following be of use to you?

	Very Much	A little	Not at all
Daily Alarm, or alarm clock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chronograph (Timer)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Max. Wind Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average Wind Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind Speed Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Min. Wind Chill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wind Chill Temp. Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Min. Altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Max. Altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accumulative Ascend & Descend Altitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Altitude Alarm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Memory Ability to record wind speed, ambient temperature, barometric pressure, relative humidity and altitude (graphical representation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do you have any personal experience with differences in performance between pocket electronic weather meters and instruments in the current belt weather kit?

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The following questions refer specifically to the Belt Weather Kit currently available through the National Cache System or the GSA Wildland Fire Equipment Catalog (NSN 6660-01-024-2638)

Do you use each of the following items in the current belt weather kit?

	Often	Sometimes	Rarely	Never
Writing Board	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anemometer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Psychrometer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile Fire-Weather Observer's Record Notebook	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blank Notebook	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Bottle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pencils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relative Humidity & Dewpoint Tables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What kind of water do you use for your sling psychrometer?

Distilled	Bottled	Tap	Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Have you ever had experience with a broken psychrometer?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

What was involved in the clean-up?

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How do you feel about the size of the belt weather kit?

Just fine	Too big	Too small
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do you return the belt weather kit to the cache for refurbishing?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

If yes, is everything included in the kit when returned to the cache?

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

What type of weather information are you looking for besides temperature, relative humidity, wind speed and direction?

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Any other comments and/or suggestions? \_\_\_\_\_

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### General Information

Job Title: \_\_\_\_\_

State: \_\_\_\_\_

Agency: \_\_\_\_\_

Please return completed form by July 15, 2007 to:

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Thank you for taking your time to help us evaluate current and alternative technologies.