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TORRO Membership, PO Box 972, Thelwall, Warrington, WA4 9DP, United Kingdom

United Kingdom Residents:

<input type="checkbox"/>	Full membership (standard rate)	£42.50
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European Residents:

<input type="checkbox"/>	Full membership	€60.00
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Worldwide Residents:

<input type="checkbox"/>	Full membership	\$87.00
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<input type="checkbox"/>	Part membership	\$20.00
<input type="checkbox"/>	Part membership (concessionary)	\$16.00

Please tick which membership you require.

Payment methods: Cheques payable to "TORRO" in GBP to the address above / credit or debit card via [PayPal](#) into our ID - payments@ijmet.org / bank transfer (UK residents: Alliance and Leicester PLC, Bootle, Merseyside, GIR 0AA account number: 04631595, sort code: 72-00-00; International residents: IBAN GB66ALEI72000004631595. BIC ALEIGB22

Please allow 28 days for your membership to be processed. If you have any enquiries please contact the Secretary at sam.hall@torro.org.uk / Telephone +44 (0) 7813 075509 or Fax +44 (0) 870 706 1858. Free gift will be either a pen or a car bumper sticker with the TORRO logo.

UK FACTS... Did you know?

* **THE UK EXPERIENCES ON AVERAGE APPROXIMATELY 50 TORNADOES ANNUALLY ALTHOUGH THIS FIGURE DIFFERS FROM YEAR TO YEAR AND ONLY COVERS REPORTED VERIFIED TORNADOES AND DOES NOT INCLUDE WATER-SPOUTS.**

* **MINI TORNADO IS NOT A RECOGNISED EXPRESSION AND IS NOT USED BY ANY RESEARCH OR SCIENTIFIC BODY. TORNADO IS THE CORRECT TERM TO PREVENT MISUNDERSTANDINGS REGARDING SEVERITY AND DANGERS ATTRIBUTED TO THE PHENOMENON**

* **17 TORNADOES HAVE HIT BIRMINGHAM, UK, BETWEEN 1931 AND 2005 ON JUST 13 DIFFERENT DAYS**

* **ON 5 SEPTEMBER 1958 THE LARGEST OFFICIALLY MEASURED HAILSTONE WAS RECORDED, WEIGHING 190 GRAMS NEAR HORSHAM, SUSSEX**

* **12 SEPTEMBER 1810, A T8 TORNADO ON THE TORNADO INTENSITY SCALE TRAVELLED FROM OLD PORTSMOUTH TO SOUTHSEA COMMON. AN EYEWITNESS SPOKE OF THE LEAD ROOF OF A BANK BEING "ROLLED UP LIKE A PIECE OF CANVAS AND BLOWN AWAY".**

* **ON 27 OCTOBER 1913 A T6 TORNADO LEFT DEVASTATION UP TO 18 KM LONG ACROSS TAFF VALE IN GLAMORGAN, UK**

* **ON 27 OCTOBER 1913, A SEVERE THUNDERSTORM THAT TRACKED FROM DEVON TO MERSEYSIDE PRODUCED TORNADOES THROUGHOUT ITS TRACK, ONE BEING A KILLER WHIRLWIND RATED T6 WITH AN 18 KM PATH OF DEVASTATION ALONG THE VALLEY OF THE TAFF IN SOUTH WALES**

* **SELSEY (SUSSEX) SUSTAINED SEVERE DAMAGE ON 7-8 JANUARY 1998 WHEN A TORNADO BETWEEN 600 - 1000 METRES WIDE WAS SPAWNED FROM A SEVERE THUNDERSTORM THAT ALSO PRODUCED 25 MM DIAMETER HAILSTONES**

* **DURING THE PERIOD 4 - 6 MARCH 1983 THE HIGHEST THREE-DAY RAINFALL EVER IN THE UK WAS RECORDED IN SUTHERLAND WITH 349 MM RECORDED**

* **BRITAIN'S MOST DEVASTATING HAILSTORM OCCURRED ON 9 AUGUST 1843 WITH A SWATH OVER 250 KM LONG AND 15 KM WIDE**

TORRO
The TORNado and Storm Research Organisation
www.torro.org.uk
[Since 1974]



The *only* UK based non-profit organisation focussing on international severe weather

Support this research and join today!

About Us

Founded in 1974 by Professor G. Terence Meaden, TORRO has collected data on over [1,000 tornado occurrences in the UK](#) and has proven Dr Fujita's statement that [the UK suffers more tornadoes per unit area than any other country in the world.](#)

From site investigations, members take part, if they wish, in pioneering research by classifying severe weather events making our statistics valid and reliable.

[Public severe weather forecasts](#): whilst TORRO issued its own internal forecasts for many years, since 2006 they have become freely available to the public via the website. Forecasts are issued on days when conditions are favourable for severe thunderstorms, large hail and tornadoes. Prepared with the support and dedication of professional meteorologists, notable successes include the accurate forecasting of the tornadoes that struck Birmingham on 28 July 2005 and London on 7 December 2006.

Known and respected in Europe, TORRO's research continues to expand towards major Europeanisation. With excellent relations in Ireland, Malta, Hungary and many more European countries (not to mention the countries The International Journal of Meteorology is apart of with an extensive International Editorial Board) TORRO is able to publish and focus research all over the world.

Please help us continue and [improve](#) our contribution to severe weather public services

Please help us to continue [researching](#) severe weather events to improve forecasting and [education](#)

Let's [not wait](#) for a disaster to happen before we have managed to introduce ourselves internationally, helping families with safety advice all over Europe.

Do you know what to do if a tornado is approaching?...

TORRO is seeking funding - we need your support more than ever!



The International Journal of Meteorology

[www.ijmet.org]

The International Journal of Meteorology (IJMet) was also founded by Terence Meaden to provide an outlet to publish TORRO's excellent research and work. The IJMet has also proudly achieved over 30 years of voluntary service and in 2005 became international with research published and read in over 25 countries.

It is with thanks again to all TORRO's members and supporters that the IJMet goes into its 33rd year this year (2008) with a view to having all editions available online in the near future with continued support and effort.

Special issues this year include:

The Greensburg, Kansas tornado 4 May 2007 (USA)

Britain Flooded - the flooding of 2007

To receive the IJMet as part of your TORRO membership, tick: **"Full membership"**.



IJMet Calendar cover (2008)

CONVECTION

Newly relaunched in 2008, Convection is your TORRO magazine with news, updates, your stories, member and staff profiles and more.

[A members ONLY mag.](#)

TORRO CONFERENCES

TORRO currently holds **two** conferences annually in the spring and autumn.

FREE entry for members

Annual divisional reviews on all the research gathered across the previous year is given at the spring conference as well as updates on TORRO's activities and current projects.

The TORRO Forum

Private, for members only

The TORRO forum is *your* [TORRO community](#). Ask questions, talk to the staff and discuss severe weather events [as they happen](#).

[Site investigation results](#) are posted here, along with current research reports from our divisions, including tornadoes, thunderstorms and other severe weather incidents

Message name	Message	Last post
Severe Weather Watches & Advisories TORRO Of our Advisories - historical doc	239	01/11/2008 10:40:00 AM by Paul England
Severe Weather Reports Extension for Severe Weather Categories - info page: 12 items of leading TORRO members discuss: FURIOUS, CALVES, INTERESTING, CONSIDERABLE DIFFICULTY IN... TORNADOES	819	19/06/2008 10:40:00 AM by Paul England
Lightning Reports A report for reporting lightning incidents	413	12/06/2008 10:40:00 AM by Paul England
Ball Lightning & other anomalous light phenomena Part 1 for 15 and other anomalous light phenomena	113	02/06/2008 10:40:00 AM by Paul England
TORRO NEWSLETTER TORRO Newsletter - TORRO Members 2007 The Year's Events and Progress Issues, NO POST HERE PLEASE	41	01/11/2008 10:40:00 AM by Paul England
TORRO PUBLICATIONS & LIBRARY A forum dedicated to papers published for TORRO staff or members	80	02/06/2008 10:40:00 AM by Paul England
TORRO DIVISION DATA LISTS 2004 Summary of data for several British conditions: rainstorms, hail, floods etc	11	02/06/2008 10:40:00 AM by Paul England