



Koninklijk Nederlands
Meteorologisch Instituut
Ministerie van Infrastructuur en Waterstaat

Storm naming

International collaboration KNMI



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Storm naming

- 1 Introduction
- 2 Collaboration within Eumetnet/WGCEF
- 3 Possible improvements



Organisation:



WGCEF meeting June 2022
Royal Library's garden Copenhagen

Koninklijk Nederlands Meteorologisch Instituut
10 oktober 2023

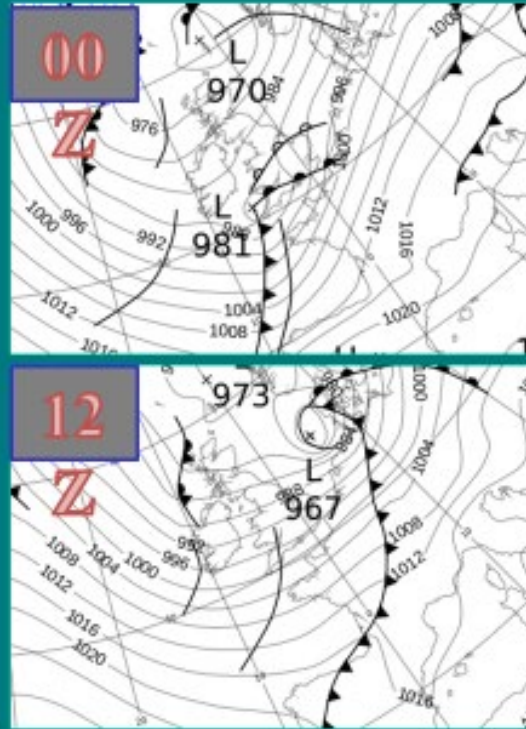


***Task Team:
European
Cooperation on
Storm Naming***



Cause:

A Case of Mistaken Identity 28th October 2013



St Jude (Weather Channel)

Christian (FU Berlin)

Allan (DMI)

Simone (SMHI)

Carmen (European Windstorms Centre)



Working in partnership
with Met Eireann and KNMI

Storm Ciara

🌀 97 mph 📍 Needles, Isle of Wight 📅 8-9/2/2020

Storm Ciara swept across the whole of the UK on Sunday 9 bringing heavy rain and very strong winds. The strongest gust recorded was 97 mph at the Needles, Isle of Wight. However, there were widespread gusts of 70 - 80 mph even in less exposed, inland sites, with a squall band of rain bringing some intense thundery downpours, and strong, squally winds.

The highest rain totals were in parts of northwest England and North Wales. Honister Pass, Cumbria (an Environment Agency site) recorded 179.8 mm of rain over the weekend, with 177.0 mm of this coming in the 24 hours up to 16:00 on Sunday. There was widespread travel disruption as well as some localised flooding and trees being blown down.

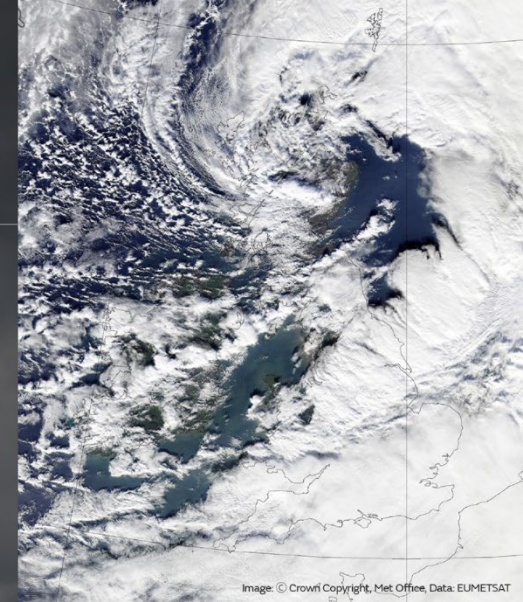


Image: © Crown Copyright, Met Office, Data: EUMETSAT

Objectives




- *Reach, engagement and influence* for warnings
- Authoritative Voice
- Single name
- Communication: 'hashtag culture'
- Collaboration with adjoining NMS's
- Useful post-event for reference




Storm Darcy: amber warnings for snow in south-east England

'Significant snowfall' expected on Sunday, with warnings across eastern parts of UK until Wednesday








▲ Snow in London in late January. Amber warnings suggest there could be widespread travel disruption in parts of London, the east and south-east of England. Photograph: Leon Neal/Getty Images






Ireland Met Éireann	 The Irish Meteorological Service
UK Met Office	 Met Office
Netherlands KNMI	 Koninklijk Nederlands Meteorologisch Instituut Ministerie van Infrastructuur en Waterstaat

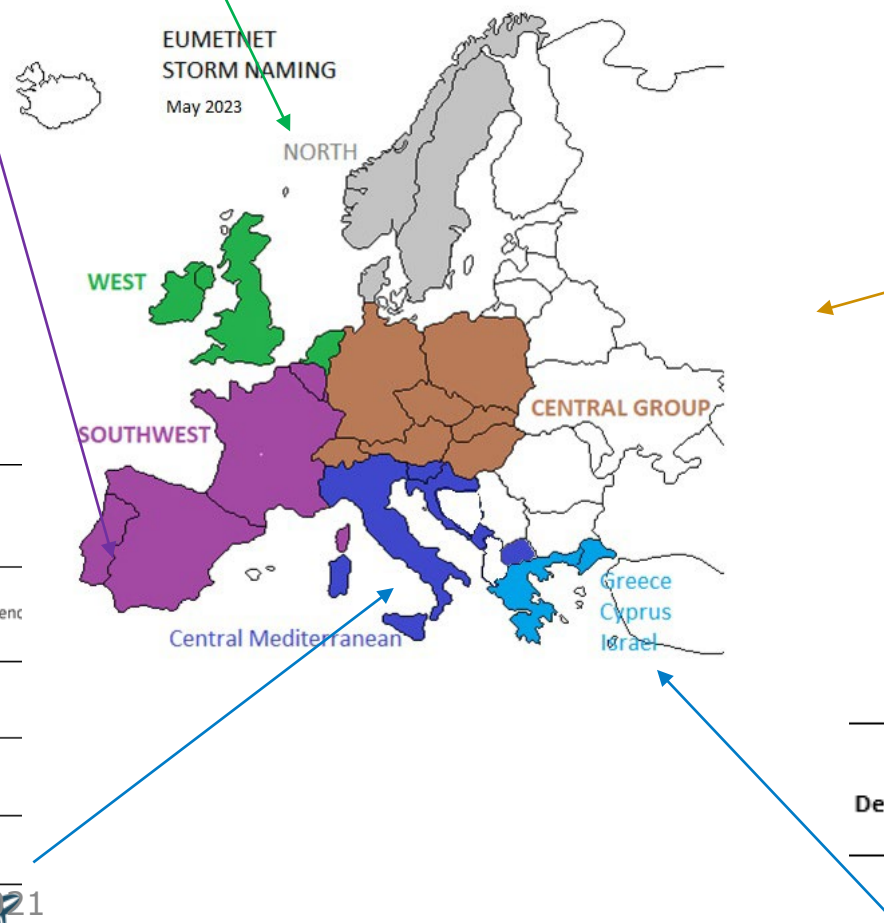
Norway Met Norway	
Sweden SMHI	
Denmark DMI	






France Meteo France	
Spain AEMET	
Portugal IPMA	
Belgium RMI	
Luxembourg MeteoLux	

Germany DWD	 Deutscher Wetterdienst Wetter und Klima aus einer Hand
Austria ZAMG	 ZAMG
Switzerland Meteo Swiss	 Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra
Poland IMGW-PIB	
Czech Republic CHMI	 Czech Hydrometeorological Institute
Slovakia SHMU	
Hungary Met Hungary	 HUNGARIAN METEOROLOGICAL SERVICE

Italy Italian Air Force Meteorological Service	
Slovenia Slovenian Environment Agency	 ARSO METEO Slovenian Environment Agency
Croatia DHMZ	 DHMZ Uprava za hidrometeorološke poslove
North Macedonia YXMP	 YXMP National Hydrometeorological Service of the Republic of North Macedonia
Montenegro IHMS	 IHMS
Malta Malta Meteorological Office	 METOFFICE



Greece HNMS	 ΕΘΝΙΚΗ ΜΕΤΕΩΡΟΛΟΓΙΚΗ ΥΠΗΡΕΣΙΑ
Cyprus Department of Meteorology of Cyprus	 CYPRUS DEPARTMENT OF METEOROLOGY
Israel IMS	 IMS משרד המטאורולוגיה



W: Ireland/UK/Netherlands

SW: France/Spain/Portugal/Belgium/
Luxembourg



Rules:

- Storm depression (large)
- Based on Warnings in the Meteoalarm framework (ORANGE or REDimpact-based and/or thresholds)
- NMS which first issues the warning names the Storm in consultation with other partners.
- Sends storm naming coordination form (e-mail) to Eumetnet partners (POC/OC) stormnaming@eumetnet.eu
- When moving to another “block” name remains
- Names picked by NMS’s (public suggestions etc)
- It keeps its name given by NHC Miami preceded by ex.

Storm names 22-23



W-Group

A-Z of storms

A	Antoni	G	Glen	M	Mark	S	Sam	Y	*	
B	Betty	H	Hendrika	N	Nelly	T	Tobias	Z	*	
C	Cillian	I	Íde	O	Owain	U	*	*These letters are not included. This ensures we are in line with the US National Hurricane Centre naming convention and will maintain consistency for official storm naming in the North Atlantic.		
D	Daisy	J	Johanna	P	Priya	V	Val			
E	Elliot	K	Khalid	Q	*	W	Wouter			
F	Fleur	L	Loes	R	Ruadhán	X	*			From September 2022 to August 2023

STORM NAMING COORDINATION FORM WEST GROUP 2022/2023 stormnaming@eumetnet.eu

PROPOSED NAME			FORECASTED LOW CENTRE LOCATION (at first orange/red wind warning onset time)	Latitude (in decimals)			
NAMING NMHS/GROUP				Longitude (in decimals)			
FIRST WIND WARNING ISSUING	DATE (YYYYMMDD)		FIRST WIND WARNING ONSET	DATE (YYYYMMDD)			
	TIME (HH:MM UTC)			TIME (HH:MM UTC)			
MAXIMUM WIND WARNING LEVEL	Orange		OTHER ORANGE/RED WARNINGS ISSUED	Rain		Coastal event	
	Red			Snow		Others	
REMARKS							
WARNINGS WEBSITES	KNMI: https://www.knmi.nl/nederland-nu/weer/waarschuwingen/ Met Éireann: https://www.met.ie/warnings Met Office: https://www.metoffice.gov.uk/public/weather/warnings Meteoalarm: http://www.meteoalarm.org			Météo-France: http://vigilance.meteofrance.com/ AEMET: http://www.aemet.es/en/eltiempo/prevision/avisos IPMA: https://www.ipma.pt/en/otempo/prev-sam/ MeteoLux: https://www.meteolux.lu/fr/vigilances/ RMI: https://www.meteo.be/en/weather/warnings/overview-belgium			

W: West Group	Antoni Betty Cillian (kill-ee-an) Daisy Elliot Fleur Glen Hendrika (hen-dree-ka) Íde (ee-da) Johanna (yo-hah-na) Khalid Loes (l-oo-s) Mark Nelly Qwain (oh-wine) Priya Ruadhán (ru-awe-on) Sam Tobias Val Wouter (vow-ter)
SW: Southwest	ARMAND BEATRICE CLAUDIO DENISE EFRAIN FIEN GERARD HANNELORE ISAACK JULIETTE KAMIEL LARISA MATHIS NOA OSCAR PATRICIA RAFAEL SARAH TIAGO VALERIE WAID
SE: East Med	
CM: Central Med	



Improvements: tips/tops

Tops:

- Communication via operational contact points is ok: Both telephone as via storm naming coordination form
- Agreement with Berlin (Eumetnet name in brackets)
- Good cooperation between blocks

Tips:

- Central presentation of active named depressions within Meteoalarm: Not that relevant for national communication



Storm #Corrie



Future of role WGCEF storm naming

- Revival, broadening of Storm Naming within WGCEF. (it started as a small task team of W and SW group)
- With the retirement of Evelyn new lead and group members have to be found:
- However, nowadays it already has 6 groups, so task team almost covers whole WGCEF 😊
- Suggestion: to end task team and make Storm Naming task as objective of the WGCEF as a whole, chaired by WGCEF.
- The local groups continue their internal coordination and meetings and appoint a POC for the WGCEF meeting.
- *During next WGCEF meeting (sep/oct 23) decision about this.*

