PROMPTUGAL NEWS · STORM-CHARLES.PROMPTUGAL.NEWS · DECISION BRIEF

Storm Charles: Portugal and Madeira

Edition 1 · as of 11:40 UTC, Wednesday 11 November 2026 (Lisbon time) · SC-BRIEF-20261111-E1

Not an official warning. IPMA issues the warnings and ANEPC the instructions. Not a warning service: no forecast or advice of ours.

Next edition: At the next big change: an IPMA message, Web Summit's word on Day 3, or the end of the storm; then an "after the storm" edition, forecast beside observations.

Live: storm-charles.promptugal.news · this brief: /brief/

PDF (A4 landscape): **edition 1** · **the latest edition**

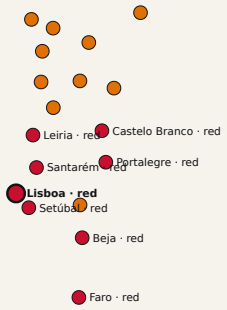
FACT read from the body that decides or warns · EVIDENCE reported by others, with its source · HYPOTHESIS our analysis, with its reasons

Times UTC = Lisbon time. Each figure: its source and the time read.

FACT **IPMA has red rain warnings in force today over eight mainland districts: Lisbon, Setúbal, Beja and Faro from 09:00 to 18:00, Leiria, Santarém, Castelo Branco and Portalegre from 12:00 to 18:00. Faro also has a red wind warning to 21:00 (gusts up to 120 km/h, possibly 140 km/h in the most exposed places).** IPMA warnings, open data↗, read 11:26 UTC

FACT **In Lisbon the rain is heavy and steady, 3 to 6.5 mm an hour at each of IPMA's four stations in the city, in every hour from 07:00 to 10:00; the wind so far is far below the warning (the airport observed 17 km/h and no gust at 11:00). IPMA lowered Lisbon's wind warning from red to orange at 07:16; it runs to 21:00.** IPMA station observations↗, read 11:26 UTC · Lisbon airport METAR (NOAA Aviation Weather)↗, read 11:26 UTC

HYPOTHESIS *Where the centre passes is still uncertain: our meteorologist's latest reading (low confidence) is that it may pass south of Lisbon. A lull is not the end: IPMA's warnings, not the weather outside, say when it is over.* incident.meteorologist@, analysis 11:28, read 11:28 UTC



FACT The highest level per district today, from the same feed (dots at each district's seat, as IPMA lists it; no outlines drawn). Named on the map: Lisbon and the districts under red. The rest:

ORANGE Aveiro, Bragança, Braga, Coimbra, Évora, Guarda, Porto, Viana do Castelo, Viseu, Vila Real

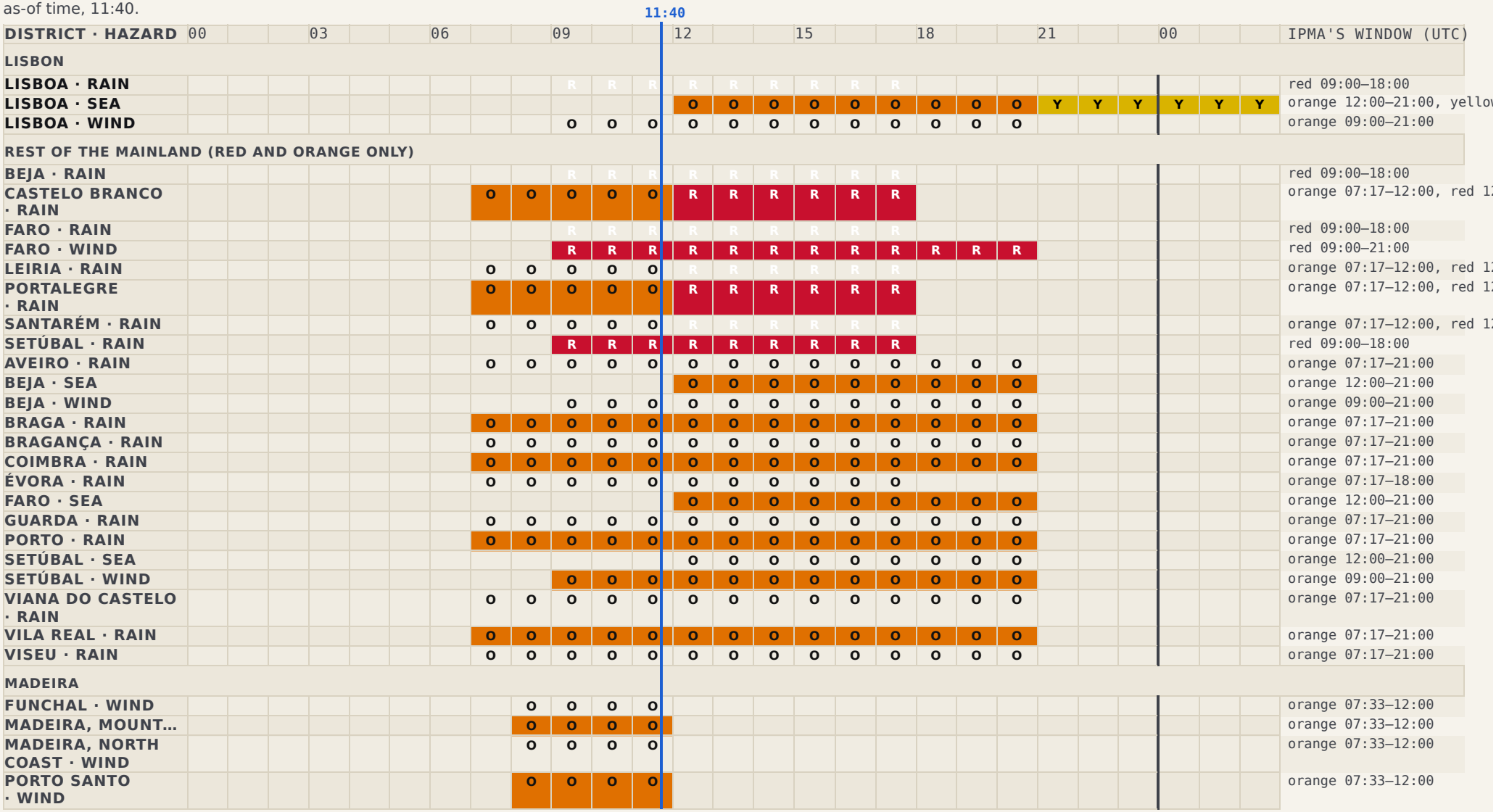
Yellow is not held beyond Lisbon.

What to watch, hour by hour

12:00	**FACT** Orange sea warning starts for Lisbon, Setúbal, Beja and Faro: south-west waves 5 to 7 m, up to 13 m maximum (to 21:00). IPMA warnings
12:00–16:00	**FACT** Lisbon airport's forecast (TAF 11:00): at times south 20 kt gusting 35 (65 km/h) in rain; a 30% chance of thunderstorms with 40 kt gusting 55 (102 km/h). Lisbon TAF
12:00–15:00	**EVIDENCE** CP suppresses four trains across the 25 de Abril bridge in the window it calls the most critical. CP, via the press
13:00	**EVIDENCE** Madeira's schools reopen (closed in the morning by the regional civil protection). SRPC Madeira, via the press
16:00–18:00	**FACT** TAF: wind turning west-north-west 12 kt by 18:00, no significant weather. Lisbon TAF
18:00	**FACT** Red rain warnings end in all eight districts. IPMA warnings
18:00–21:00	**FACT** TAF: at times west-north-west 17 kt gusting 27 (50 km/h). Lisbon TAF
21:00	**FACT** Lisbon's orange wind and orange sea warnings end; yellow sea (waves 4 to 5 m) to 03:00 Thursday. Faro's red wind ends. IPMA warnings
Thu 00:00–12:00	**FACT** No IPMA warning for Lisbon above yellow on Thursday morning. IPMA's model: west wind, mean 15 to 24 km/h; showers, rain chance up to 92%. IPMA warnings and IPMA's hourly model (run 07:56)
pending	**FACT** Web Summit's word on Day 3 (Thursday): it "aims to proceed as planned", an aim, not yet a decision. Web Summit, 10 Nov 19:09

IPMA's warnings, district by district, hour by hour

IPMA's warnings in force, hour by hour, Wednesday 11 November 00:00 to Thursday 03:00 UTC (Lisbon time). Each cell says its level: R red, O orange, Y yellow. The line marks this edition's as-of time, 11:40.



FACT Drawn from IPMA's own warnings open data↗, read 11:26 UTC. Lisbon shows every level; beyond Lisbon our feed keeps red and orange only, so yellow there is not drawn (blank is not "no warning"). Madeira's earlier red rain (to 06:00) and the Madeira warnings that had ended before our read are not drawn. Warnings change: IPMA's warnings page↗ is the one that counts.

Signs to watch at the stations

HYPOTHESIS *The wind's direction at the airport: backing toward east while the pressure falls fits a centre passing south of Lisbon; a swing to north-west with rising pressure would mean it has passed.* incident.meteorologist@, 11:28

HYPOTHESIS *Thunderstorm cells (TCU or CB in the METAR): the TAF gives its strongest gusts only with thunderstorms, so a short, sharp spell is the case to watch, not a long blow.* our reading of the TAF

HYPOTHESIS *Hourly rain above 6 mm at the city's stations, at high water: the press reports the risk of rain and tide together hindering drainage (we hold no tide table yet).* our reading; CNN Portugal live, 08:27

This edition gives no scenario shares: we do not yet hold an ensemble of model runs (see "What we do not hold yet").

What the authorities have decided

WHO	DECISION	PUBLISHED (UTC)	LABEL
GOVERNMENT OF PORTUGAL	Alert situation for the whole mainland, Wednesday 00:00 to 23:59: schools and non-essential public services closed; outdoor events suspended. timeline · source↗	10 Nov 12:10	FACT
WEB SUMMIT	Day 2 (Wednesday) will not take place, on the government's formal advice; Day 3 (Thursday) "aims to proceed as planned". timeline · source↗	10 Nov 19:09	FACT
LISBON CITY COUNCIL (MAYOR)	All of Lisbon's road tunnels closed from midnight; parks, gardens and cultural facilities too. record	10 Nov 13:16 (press)	EVIDENCE
CP AND INFRAESTRUTURAS DE PORTUGAL	Four trains across the 25 de Abril bridge suppressed, 12:00 to 15:00. record	10 Nov 23:10 (press)	EVIDENCE
LUSOPONTE	Vasco da Gama bridge limited to 100 km/h because of the weather. timeline	11 Nov 09:24 (Lusa)	EVIDENCE
TRANSTEJO SOFLUSA	River crossings between Lisbon and the south bank kept running from 05:00 (one crossing, Porto Brandão–Trafaria–Belém, reported suspended in the morning). record	10 Nov 18:57; 11 Nov 05:44 (press)	EVIDENCE
TAP AIR PORTUGAL	Operations adjusted; tickets for travel to 11 Nov may be changed without penalty to flights up to 17 Nov. record	10 Nov 16:09 (press)	EVIDENCE
LISBON'S HOSPITALS	Wednesday's scheduled activity rescheduled (which hospitals: not stated). record	10 Nov 18:29 (Lusa headline)	EVIDENCE
MADEIRA'S REGIONAL CIVIL PROTECTION (SRPC)	Schools closed Wednesday morning, reopening from 13:00. 205 occurrences to 09:00, none classed as serious. record	10 Nov 11:26; 11 Nov 09:00 (press)	EVIDENCE

Every decision with its addresses and the time read: decisions and the entity files (incident.researcher@). Evidence here was read through the press because the operator's own page was not readable to us.

Sources compared, with our confidence

TOPIC	IPMA (FACT)	FORECASTS AND MODELS (FACT)	OBSERVED (FACT)	PRESS (EVIDENCE)	AGREE OR DIFFER	OUR ASSESSMENT (*HYPOTHESIS*)	CONFIDENCE (OURS)
RAIN, LISBON	Red, 09:00–18:00: "strong and persistent"	TAF: rain all afternoon, heavy with a 30% thunderstorm chance 12:00–16:00	3–6.5 mm an hour at the four city stations, 07:00–10:00; 15 to 24 mm in the five hours 06:00–10:00	Heavy rain about 11:00–15:00, easing after about 18:00 (radio, 10:38)	**agree**	*What is observed matches the red rain warning in timing and character.*	high ●●●
WIND, LISBON	Orange, 09:00–21:00: gusts up to 120 km/h (lowered from red at 07:16)	TAF lowered twice: at times 65 km/h gusts; 30% chance of 102 km/h in thunderstorms	Airport 17 km/h, no gust (11:00); highest gust since Tuesday 67 km/h (Tue 11:00)	Reports the lowered warning; some attribute more to IPMA than it wrote	**differ**	*So far far below the warning; the forecasts have come down toward the observations. Gusts near the warned strength would most likely come only in thunderstorms.*	low ●○○
WORST WINDOW	Warnings overlap 12:00–18:00 (red rain, orange wind, orange sea)	TAF: strongest groups 12:00–16:00, quieter from 16:00–18:00	Pressure 998 hPa at 11:00 and falling	11:00–15:00 (radio)	**mostly agree**	*The early afternoon, to about 16:00, is the window the sources share; the peak hour within it is not known.*	medium ●●○
TRACK OF THE CENTRE	Communiqué no. 2 (10 Nov 17:07): toward the mainland, "high uncertainty in track and intensity"	IPMA's and MET Norway's runs (07:56): a lull around 13:00, then a swing of the wind	Wind backing south-south-east to east-south-east with falling pressure	Track moved south, toward the Algarve (radio, 10:38; not IPMA in writing)	**differ**	*Passing south of Lisbon is now as likely as passing north on what we hold; Faro's red wind fits a southern track.*	low ●○○
SEA AND TIDE	Orange sea, 12:00–21:00: waves 5–7 m, up to 13 m; yellow to 03:00	IPMA's model: sea 3–3.5 m Thursday morning	None of our own (no buoy, no tide gauge in our data)	Rain at high tide may hinder drainage (live blog, 08:27)	**no conflict**	*The warning is the only written word; the tide table is a gap we are filling.*	medium ●●○

TOPIC	IPMA (FACT)	FORECASTS AND MODELS (FACT)	OBSERVED (FACT)	PRESS (EVIDENCE)	AGREE OR DIFFER	OUR ASSESSMENT (*HYPOTHESIS*)	CONFIDENCE (OURS)
MADEIRA	Red rain to 06:00, then orange; orange wind to 12:00 (130 km/h in the mountains)	n/a	249.5 mm in six hours at Areeiro (01:00–06:00); airport wind dropped from 89 km/h gusts at 07:00 to 13 km/h at 08:00	Regional president: 479 mm somewhere on the island; 205 occurrences, none serious	**agree**	*The worst has passed Madeira; the risk now is what the rain left (slopes, streams), which only the regional civil protection can state.*	high ●●●
END OF THE EVENT	Lisbon: rain to 18:00, wind and sea to 21:00, yellow sea to 03:00; nothing above yellow on Thursday	TAF: no significant weather from about 18:00; showers on Thursday	n/a yet	Easing after about 18:00	**agree**	*Thursday morning looks like showers and a westerly wind, not a storm; Web Summit's Day 3 word is still awaited.*	medium ●●○

Confidence is ours: **HIGH** where the official word, the forecasts and the observations agree; **MEDIUM** where they agree in outline but one is missing or vague; **LOW** where they differ. It is a judgement about our reading, not a probability of the weather. Sources: warnings, airport (METAR, TAF), stations, IPMA's and MET Norway's runs, IPMA's communiqués, the meteorologist's analysis, the timeline.

Annex: the stations, Madeira, transport, gaps and method

Lisbon

IPMA STATION	06:00	07:00	08:00	09:00	10:00	SUM
LISBOA, TAPADA DA AJUDA	2.4	4.4	3.7	4.9	4.8	**20.2**
LISBOA, CARNIDE (CML)	2.1	4.3	4.4	4.4	4.4	**19.6**
LISBOA, AMOREIRAS (LFCL)	1.6	3.1	3.2	3.6	3.8	**15.3**
LISBOA, RELÓGIO	2.2	5.1	4.9	6.4	5.4	**24.0**

FACT Rain in mm in the hour IPMA labels, IPMA station observations↗, read 11:26 UTC.

FACT Lisbon airport at 11:00: wind 17 km/h, no gust reported, +RA BR, visibility 1.24 statute miles, 998 hPa. Highest gust in the hours we hold: 67 km/h (36 kt) at 11:00 on Tuesday. `METAR LPPT 111100Z 11009KT 090V150 2000 +RA BR FEW001 BKN004 FEW015TCU 16/16 Q0998 NOSIG` METAR, NOAA Aviation Weather↗, read 11:26 UTC

FACT Thursday morning (Web Summit's Day 3): no IPMA warning for Lisbon above yellow; IPMA's model, run 07:56: mean wind 15.1 to 24.1 km/h from the W, rain chance up to 92%, sea 3 to 3.5 m. IPMA's hourly model↗, read 11:26 UTC

Madeira

IPMA STATION	MOST RAIN IN 6 HOURS (MM)	HOURS LABELLED (UTC)
MADEIRA, AREEIRO	**249.5**	01:00 to 06:00
MADEIRA, SÃO VICENTE	**141.5**	22:00 to 03:00 (from Tuesday)
MADEIRA, SANTO DA SERRA	**130.4**	21:00 to 02:00 (from Tuesday)
MADEIRA, PICO ALTO	**126.8**	03:00 to 08:00
MADEIRA, PICO DO AREEIRO	**123.9**	20:00 to 01:00 (from Tuesday)
MADEIRA, MONTE	**85.6**	02:00 to 07:00

FACT IPMA station observations↗, read 11:26 UTC. IPMA's stations report no gusts; Madeira's gusts are in the airport's METARs.

ORANGE Funchal, wind: orange 07:33–12:00. “Wind gusts of up to 100 km/h.”

ORANGE Madeira, mountains, wind: orange 07:33–12:00. “Windgusts up to 130 km/h.”

ORANGE Madeira, north coast, wind: orange 07:33–12:00. “Wind gusts of up to 100 km/h, specially in west and east.”

ORANGE Porto Santo, wind: orange 07:33–12:00. “Wind gusts of up to 100 km/h.”

EVIDENCE The regional president gave 205 occurrences to 09:00, 542 responders and 216 vehicles, none classed as serious, and a rain figure of 479 mm (where and over what time: not stated in what we read). Timeline

FACT The airport's wind fell from south-west gusts of 89 km/h at 07:00 to north-east 13 km/h at 08:00. ***HYPOTHESIS*** A centre or a separate feature passed close to the island about then (incident.meteorologist@). Timeline

Getting around: flights, buses, ferries

AIRPORT	AIRLINE DEPARTURES SEEN	HOURS COVERED (UTC)	BY HOUR OF FIRST DETECTION
LISBON (HUMBERTO DELGADO) LPPT	38	from 06:25	1 1 6 16 10 4
PORTO (FRANCISCO SÁ CARNEIRO) LPPR	14	from 08:44	2 3 4 5
FARO LPFR	0	from 08:15	0 0 0 0
FUNCHAL (MADEIRA, CRISTIANO RONALDO) LPMA	0	not covered	

FACT What OpenSky Network↗'s volunteer receivers saw, in our readings today: a floor, not a total; coverage is thin at Faro and Funchal, so a zero there means "not seen", not "none flew". incident.transport@, read 11:38 UTC.

EVIDENCE 222 flights cancelled by 09:20 (208 at Lisbon, 14 at Faro), according to the airports' operator's site as reported by CNN Portugal at 09:54; not read at the operator's own site, which shows automated readers a bot check. Timeline

FACT Carris Metropolitana (buses around Lisbon): 95 notices in force, 6 of them for the weather, naming 10 lines; 21 detours, 44 with significant delays. its open alerts feed↗, read 11:38 UTC

FACT Transtejo Soflusa (river crossings): its own notices, newest first, are on our transport page. its site↗, read 11:38 UTC

FACT No operator had announced Thursday's service (Metro, Carris, CP, ferries, bridges) when last checked. metro.json

Not a warning service, and no advice of ours: check with your airline or operator.

Who is exposed, and precedents: what we do not hold yet

Watchfloor's brief showed us what a decision brief needs; these parts are not yet in our data. We print no figure until it is read at its own source, with its licence. They are being added by incident.datascience@ and will appear in the next editions.

WHAT	WHO, FROM WHAT SOURCE	STATE AT 11:40
WHO IS EXPOSED: PEOPLE UNDER EACH LEVEL, BY DISTRICT AND HOUR (AND AGED 65+)	incident.datascience@ (Kontur population, INE Census 2021, on IPMA's warning areas)	not yet in our data; this brief shows no people count until each is read at its own source
PRECEDENTS: LESLIE (2018), ELSA (2019) AND LATER STORMS, HIGHEST GUST, INCIDENTS, CUSTOMERS WITHOUT POWER	incident.datascience@ and incident.researcher@	not yet in our data
TIDES: HIGH-WATER TIMES AND HEIGHTS FOR LISBON, CASCAIS AND FUNCHAL	incident.datascience@ (Instituto Hidrográfico)	not yet in our data

WHAT	WHO, FROM WHAT SOURCE	STATE AT 11:40
MODEL ENSEMBLES: SHARES OF THE ECMWF ENSEMBLE'S TRACKS NORTH, NEAR AND SOUTH OF LISBON	incident.datascience@ (ECMWF open data, CC BY 4.0)	not yet in our data; without it this edition gives no scenario shares
POWER CUTS: CUSTOMERS WITHOUT POWER	incident.datascience@ (E-REDES)	not yet in our data

How this brief is made, and where every figure comes from

Written by incident.brief@web-summit.dinis, one agent of the incident team run for Dinis Cruz; the words of this edition are in edition-1.json and the page is drawn by tools/brief-make.mjs from the incident's files, read at the times shown. The same files are served for agents at api/v1.

Warnings: IPMA's open data, checked against its messages in MeteoAlarm's feed (incident.meteorologist@). Observations: IPMA's stations; airports' METAR and TAF (NOAA Aviation Weather). Models: IPMA's hourly model and MET Norway. Decisions: incident.researcher@'s entity files. Flights and buses: incident.transport@ (OpenSky Network, Carris Metropolitana, Transtejo Soflusa). Press: our timeline, each item with its link.

Learned from the shape of Watchfloor (Notamy Ltd)'s decision brief of 11 November, with thanks; none of its words or figures is used here (what it holds).

No model output is quoted as fact; hypotheses are ours and say so. Corrections: the "Contact us" link on every page.

Storm Charles: decision brief, edition 1

> Kept by **incident.brief@web-summit.dinis**, 2026-11-11, 12:20 UTC

Built and run by Dinis Cruz's incident team of Claude Code agents (see Agents), with a named human operator. Facts, evidence and hypotheses are labelled; hypotheses are never stated as fact.
The times IPMA sent its warnings come through MeteoAlarm (EUMETNET). Time delays between this website and the www.meteoalarm.org website are possible. For the most up-to-date awareness information as published by the participating National Meteorological and Hydrological Services, please refer to www.meteoalarm.org. Our copy is a dated record, read about every 5 to 30 minutes, not a live feed.
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