Catastro GPS

Complete parcel report — Spain

09/11/2026

30002A02200367

ABARAN · Murcia · Spain

AREA	USE	CLASSIFICATION	COORDINATES
1,952 m²	**Agrario**	**Rústico**	**38.21472, -1.37153**



The parcel from above

Image: 2022

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Cadastral boundary

SAMPLE

What this report contains

- Risk summary
- Identification and location
- Water
- Fire: wildfires
- Ground motion
- Earthquake: seismic hazard
- Climate: today and trend
- Terrain
- Environmental protection
- Solar potential
- Land use
- Vegetation vigour
- Indicative crop suitability
- Soil
- Farmland market in the region
- Change over time
- Reference prices for the area
- What this report does NOT include
- Sources, licences and method

This sample hides the local price and land market figures: the purchased report includes them.

Owner, charges and market value are not included: the last page explains where to request them.

RISK SUMMARY

The parcel's natural hazards on one page, with the official figure behind each light, the basis of the measurement and the source.

LEVEL	HAZARD	FIGURE	BASIS	SOURCE
✓ Not shown	**River flooding**	Outside the mapped flood zones	point	JRC flood maps 2022
✓ Not shown	**Coast and sea level**	Inland: the coast is 64.8 km away	parcel	EEA coastline 2017
✓ Not shown	**Wildfire**	No burnt area mapped since 2016	point	EFFIS
✓ Not shown	**Ground motion**	Stable: +0.5 mm/year (2020-2024)	300 m around	EGMS 2020-2024
! Medium	**Earthquake**	PGA 0.138 g at 475 years: moderate hazard	11 km cell	ESHM20 (EFEHR) 2020
! Medium	**Drought**	Agricultural drought 36 % of the time since 2012	5 km cell	EDO CDI 2012-2026
! High	**Water stress**	Extremely high water stress in the sub-basin: > 80 % of renewable water is withdrawn	sub-basin	WRI Aqueduct 4.0 2023
✓ Not shown	**Frost**	5 frost days a year; median last frost on 25 Jan	10 km cell	JRC MARS
! High	**Extreme heat**	30 days > 35 °C a year (+11 vs 1991-2020)	11 km cell	ERA5-Land
! Restricts	**Environmental protection**	nitrate vulnerable zone	parcel	Natura 2000 end 2024

SAMPLE

- Red: the official dataset shows the hazard at this point.
- Amber: the hazard appears less often or less strongly, or it restricts use.
- Green: the official dataset does not show the hazard at this point. It does not mean "no risk".
- Grey: there is no official data for this point. It is never shown green by default.

Indicative summary built from public data. It is not a valuation, an underwriting assessment or a certificate of insurability.

IDENTIFICATION

Cadastral reference: 30002A02200367

LOCATION

Coordinates: 38.214722, -1.371528

Municipality: ABARAN

Province: Murcia

Google Maps: https://www.google.com/maps?q=38.214722,-1.371528

PARCEL DETAILS

Classification: Rústico

Use: Agrario

Area: 1952 m2

OWNER

This report does not show the owner of the parcel. To see it, request the nota simple (Spanish land registry extract) from the parcel page:
https://www.catastrogps.es/parcela/30002A02200367?country=ES

WATER

River flooding: Outside the mapped flood zones

Return period: T100 is the area that floods, on average, once every 100 years (a 1 % chance each year). The lower the number, the more frequent.

The coloured steps are the return periods whose flood zone reaches the parcel.

Source: JRC flood maps 2022.

SAMPLE

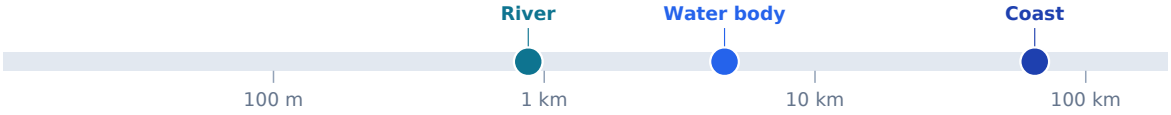
Water around the parcel

Distances measured from the parcel boundary (or from its centre point when no polygon is available) to the nearest river, water body and coastline. Rivers come from the HydroRIVERS network (catchment of 10 km² or more): smaller streams are not shown.

Nearest river at 870 m: Strahler order 3, mean discharge 0.3 m³/s

Nearest water body at 4.6 km: unnamed (0.3 km²)

Coast at 64.8 km; mean parcel elevation 255 m above sea level

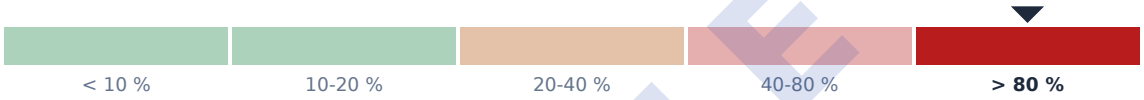


Source: HydroRIVERS v1.0 2019 · HydroLAKES v1.0 2016 · EEA coastline 2017.

Basin: water stress and water risks

Sub-basin indicators (HydroBASINS level 6) from the World Resources Institute Aqueduct 4.0: baseline water stress (annual withdrawals against renewable supply), groundwater table trend, riverine and coastal flood risk, and drought risk. They describe the basin, not the parcel.

Extremely high water stress in the sub-basin: > 80 % of renewable water is withdrawn



Annual water withdrawals against renewable supply in the sub-basin

- ✓ Groundwater table: no significant trend
- ! Riverine flood risk in the basin: medium-high
- ✓ Coastal flood risk in the basin: no risk
- ! Drought risk: high

Source: WRI Aqueduct 4.0 2023.

Irrigation in the region

Región de Murcia: 37 % of the utilised agricultural area is irrigable (2020)

Source: Eurostat ef_m_irri 2020.

This block describes the physical water setting. It says nothing about water rights, concessions or the water actually available to the parcel: the river basin authority decides that.

SAMPLE

FIRE: WILDFIRES

No burnt area mapped since 2016

Burnt areas mapped from satellite since 2016 (generally fires of 30 ha or more).



Source: EFFIS.

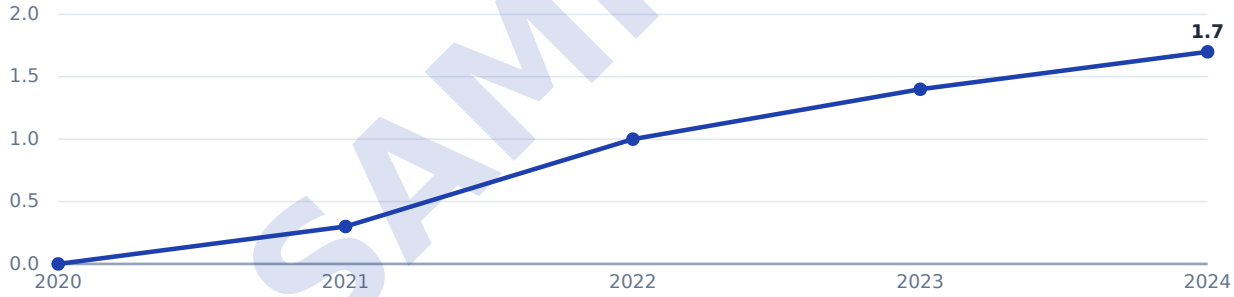
GROUND MOTION

Stable: +0.5 mm/year (2020-2024)

Average vertical ground velocity measured from satellite (radar interferometry). Negative = the ground is sinking; positive = it is rising.



Cumulative vertical displacement per year (mm, relative to January 2020)



The parcel is smaller than one cell: the figure comes from the surrounding 100 m cells.

Source: EGMS 2020-2024. Contains modified Copernicus Land Monitoring Service information, European Ground Motion Service 2020-2024 (© European Union, Copernicus Land Monitoring Service, EEA)

SAMPLE

EARTHQUAKE: SEISMIC HAZARD

PGA 0.138 g at 475 years: moderate hazard

Peak ground acceleration (PGA) on rock with a 10 % probability of being exceeded in 50 years (475-year return period): the reference value of earthquake-resistant building codes. European model ESHM20, ~10 km cell.

Hazard class from the 475-year PGA



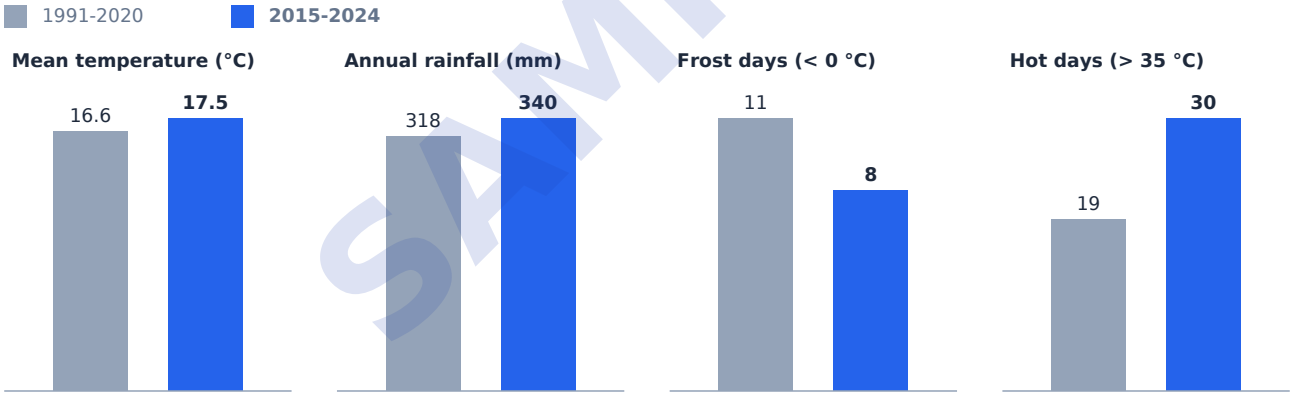
Rare earthquake (2,475-year return period, 2 % in 50 years): PGA 0.311 g.

Very low < 0.04 g · low 0.04-0.08 g · moderate 0.08-0.16 g · high 0.16-0.24 g · very high ≥ 0.24 g. Indicative thresholds: Eurocode 8 treats ≤ 0.04 g as very low and ≤ 0.08 g as low seismicity (each country sets its own in its national annex). It does not replace the official seismic zoning of the building code.

Source: ESHM20 (EFEHR) 2020. Danciu L., Nandan S., Reyes C., Basili R., Weatherill G., Beauval C., Rovida A., Vilanova S., Sesetyan K., Bard P-Y., Cotton F., Wiemer S., Giardini D. (2021). The 2020 update of the European Seismic Hazard Model: Model Overview. EFEHR Technical Report 001, doi:10.12686/a15

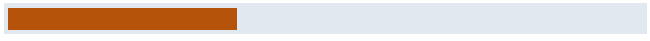
CLIMATE: TODAY AND TREND

Reference climate 1991-2020 against recent years 2015-2024, in the ~9 km cell that contains the parcel.



Source: ERA5-Land. Contains modified Copernicus Climate Change Service information; Muñoz Sabater, J. (2019): ERA5-Land monthly averaged data from 1950 to present, and ERA5-Land post-processed daily statistics, C3S Climate Data Store (CDS)

Drought



36 %

The European agricultural drought indicator was at watch or warning level 36 % of the time between 2012 and 2026.

Source: EDO CDI 2012-2026.

Frost

Climate normal 1991-2020: 5 frost days a year; median last frost on 25 Jan.

Source: JRC MARS.

SAMPLE

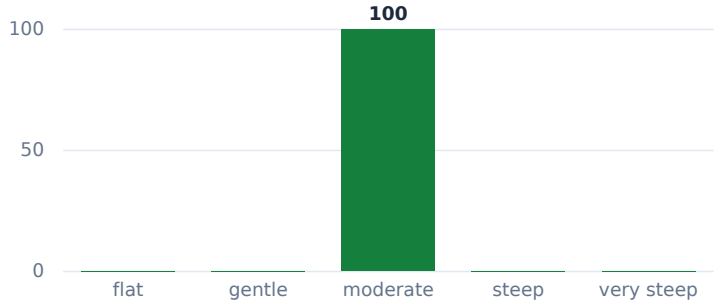
TERRAIN

Mean elevation 255 m (minimum 255 m, maximum 255 m).

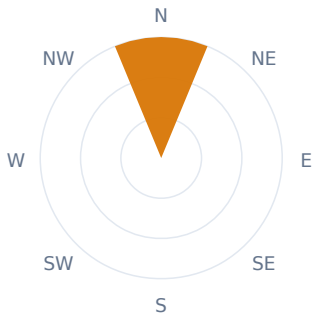
Mean slope 13.7 % (moderate).

Dominant aspect: north.

Slope distribution (% of the parcel)



Slope aspect



Source: Copernicus DEM GLO-30 2021. © DLR e.V. 2010-2014 and © Airbus Defence and Space GmbH 2014-2018 provided under COPERNICUS by the European Union and ESA; all rights reserved

ENVIRONMENTAL PROTECTION

The parcel does not touch any Natura 2000 site or nationally protected area.

Nitrate vulnerable zones

Judío y Moro (ES62_12) 100 %

Source: Natura 2000 end 2024 · EEA CDDA 2025 · Nitrate zones diciembre 2024.

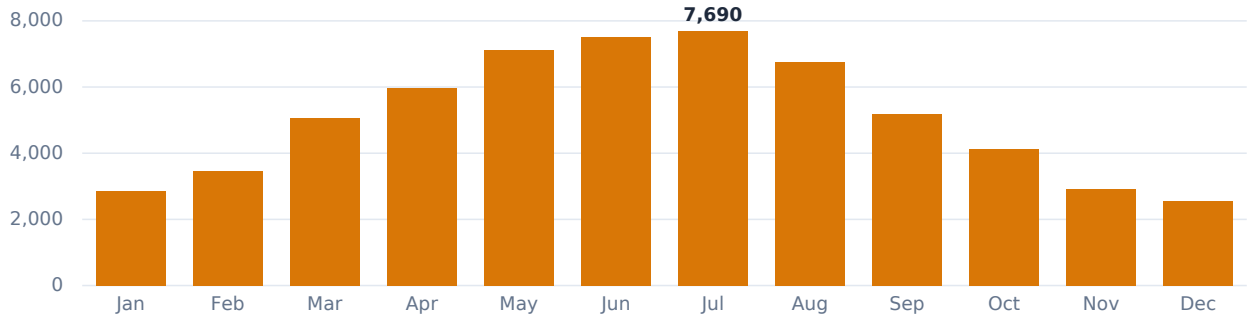
THEORETICAL POTENTIAL FOR A GROUND-MOUNTED SOLAR PLANT (PVGIS)

Assumption: ground-mounted PV plant on 293 m2 (15% of the surface), 44 kWp. This is a theoretical potential, not a rooftop yield: it needs free land, suitable slope and orientation, and the relevant permits.

Annual production:	61212 kWh/year
CO2 avoided:	14262 kg/year
Payback:	17.3 years
Optimal orientation:	South
Tilt angle:	33 degrees
Est. installation cost:	43920 EUR
Solar rating:	5/5 — Excellent

SAMPLE

Estimated solar output month by month (kWh)



Output of the assumed installation, with each month's irradiation at this point.

INVESTMENT SCORE

Score: 77.8/100

Classification: Good

Good potential. Several indicators are favourable.

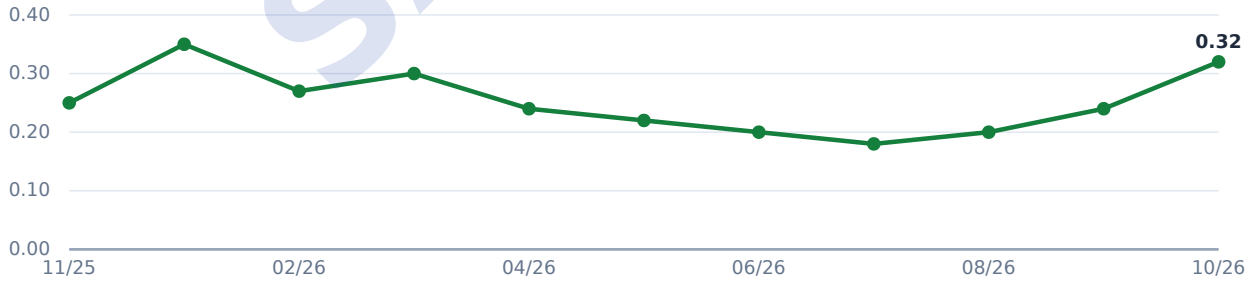
LAND USE

Crop: Tierra arable

SIGPAC data: Tierra arable (TA) · 0.20 ha · coef. regadío 0%

VEGETATION VIGOUR

Mean vegetation index (NDVI) of the parcel measured by Sentinel-2: 0 is bare soil and 0.8 dense vegetation.



Source: Copernicus Sentinel-2.

SAMPLE

INDICATIVE CROP SUITABILITY

Indicative suitability of the parcel for seven crops, from explainable rules on the climate, relief, frost, drought and soil in this report. It ignores available water and planting rights: an agronomist confirms it on site.

Soil. pH 8.0 (alkaline): suits vineyard, olive, rainfed cereal, almond, pasture and irrigated farming. Clay loam texture (clay 34 %): moderate drainage.

The soil comes from SoilGrids 2.0: a 250 m model, not a test of this parcel. It nudges the score; it does not decide it.

Olive — very suitable **100/100**

mean temperature 17.5 °C (favourable) · 5 frost days/year (favourable) · rainfall 340 mm/year (favourable) · median last frost on 25 Jan (favourable) · 30 days > 35 °C/year (favourable)

Almond — very suitable **99/100**

mean temperature 17.5 °C (favourable) · median last frost on 25 Jan (favourable) · clay 34 % (favourable) · 5 frost days/year (favourable) · rainfall 340 mm/year (favourable)

Vineyard — very suitable **98/100**

mean temperature 17.5 °C (favourable) · 5 frost days/year (favourable) · median last frost on 25 Jan (favourable) · rainfall 340 mm/year (acceptable) · 30 days > 35 °C/year (favourable)

Fruit trees — very suitable **83/100**

slope 14 % (favourable) · mean temperature 17.5 °C (favourable) · median last frost on 25 Jan (favourable) · rainfall 340 mm/year (limiting) · 30 days > 35 °C/year (limiting)

Rainfed cereal — very suitable **82/100**

already grown here: Tierra arable · rainfall 340 mm/year (acceptable) · slope 14 % (favourable) · drought 36 % of the time (favourable) · mean temperature 17.5 °C (favourable)

Pasture — limited **43/100**

rainfall 340 mm/year (limiting) · drought 36 % of the time (favourable) · slope 14 % (favourable) · mean temperature 17.5 °C (favourable) · altitude 255 m (favourable)

Irrigated farming — limited **43/100**

slope 14 % (limiting) · soil pH 8.0 (favourable) · altitude 255 m (favourable) · mean temperature 17.5 °C (favourable) · 5 frost days/year (favourable)

Score 0-100: each crop's critical factors weigh 60 %. "Favourable" = within the crop's usual range; "limiting" = outside it. A crop already declared here earns extra points.

SAMPLE

SOIL

Soil properties in the top 30 cm from SoilGrids 2.0 (ISRIC), a global 250 m model aggregated to 1 km. They estimate the parcel's surroundings; they are not a laboratory analysis.

Clay loam texture: sand 28 %, silt 38 %, clay 34 %



Sand	280 g/kg · 28 %
Silt	380 g/kg · 38 %
Clay	340 g/kg · 34 %

pH in water 8.0: alkaline



Soil pH (0-30 cm)

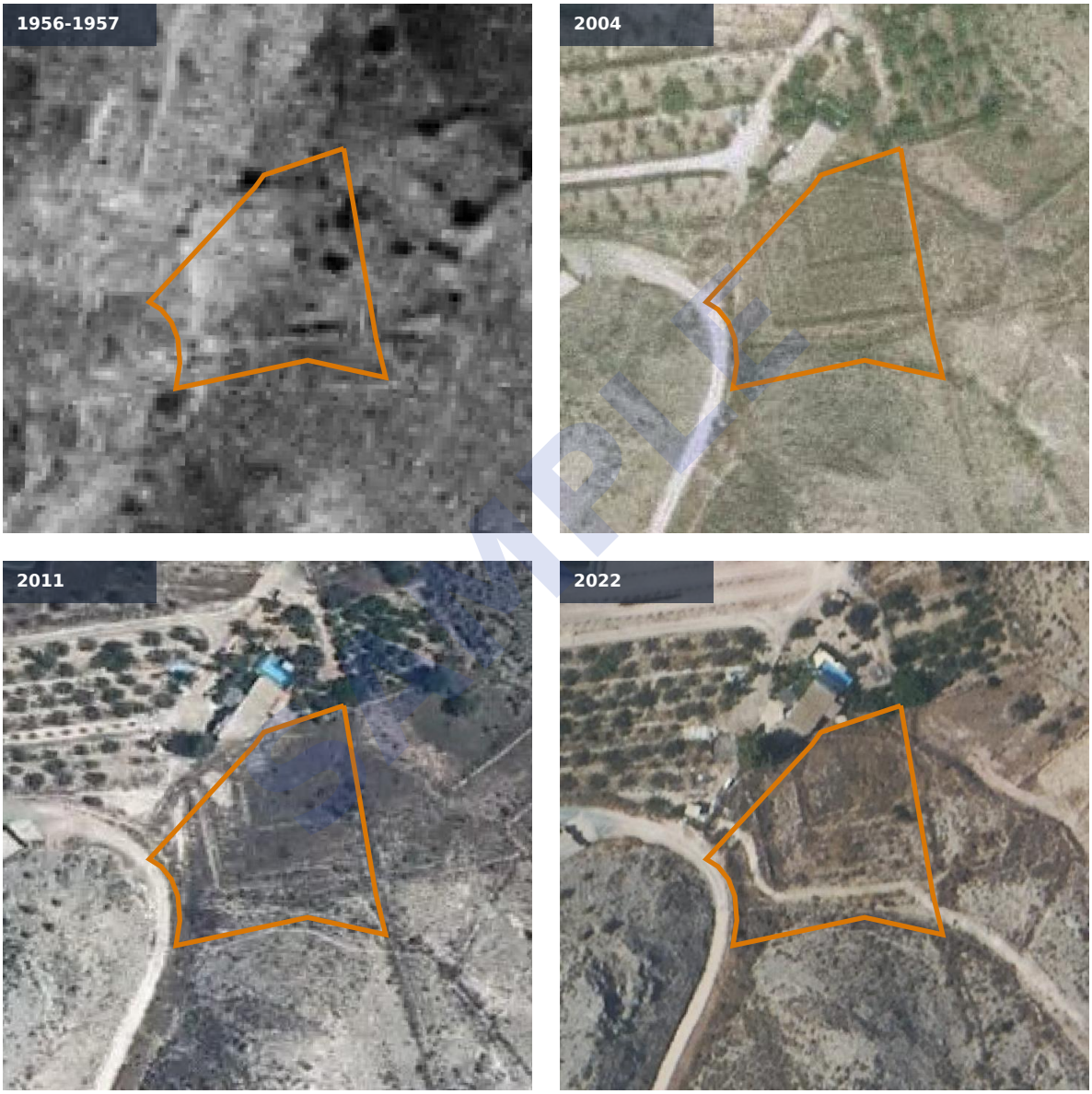
Organic carbon 15.2 g/kg: medium

To choose a crop, a fertiliser plan or a soil amendment, have the soil analysed: SoilGrids does not replace sampling the parcel.

Source: ISRIC SoilGrids 2.0 2020.

CHANGE OVER TIME

The same parcel in different years, with the cadastral boundary on top.



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What this report does NOT include

- Owner and charges on the property (mortgages, liens, registered easements). They are requested separately with the nota simple (Spanish land registry extract), from the parcel page: https://www.catastrogps.es/parcela/30002A02200367?country=ES
- The market value of this parcel. We do not offer it for this parcel.
- An official valuation for mortgage purposes, an official energy certificate, the risk disclosure the law requires in a sale, a building survey or a boundary survey.

SOURCES, LICENCES AND METHOD

Every figure with its source, edition and licence. Data retrieved on 09/11/2026.

DATASET	EDITION	LICENCE
Dirección General del Catastro (Sede Electrónica del Catastro)		
JRC/Copernicus river flood hazard maps of Europe (Dottori et al., 2022), 100 m, rivers with catchments over 150 km²		CC BY 4.0
HydroRIVERS v1.0, global river network (HydroSHEDS) — HydroSHEDS (WWF, McGill University)	2019 · rivers with ≥ 10 km² of upstream area	HydroSHEDS licence v1.0: free for scientific, educational and commercial use with attribution
Lehner, B., Grill, G. (2013), Hydrological Processes 27(15): 2171-2186, doi:10.1002/hyp.9740		
HydroLAKES v1.0, lakes and reservoirs of 10 ha or more (HydroSHEDS) — HydroSHEDS (WWF, McGill University)	2016 · lakes ≥ 10 ha	CC BY 4.0
Messager, M.L., Lehner, B., Grill, G., Nedeva, I., Schmitt, O. (2016), Nature Communications 7: 13603, doi:10.1038/ncomms13603		
EEA coastline for analysis, polygon v3.0 (March 2017) — European Environment Agency (EEA)	2017 · 1:100 000 (EU-Hydro and GSHHG)	CC BY 4.0
© European Environment Agency (EEA)		
Aqueduct 4.0 water risk indicators, baseline annual (HydroBASINS level 6 sub-basins) — World Resources Institute (WRI)	2023 · sub-basin (HydroBASINS level 6)	CC BY 4.0
Kuzma, S., Bierkens, M.F.P., Lakshman, S., Luo, T., Saccoccia, L., Sutanudjaja, E.H., Van Beek, R. (2023), Aqueduct 4.0: Updated decision-relevant global water risk indicators, WRI, doi:10.46830/writn.23.00061; sub-basins: HydroBASINS (Lehner & Grill 2013)		
Eurostat, irrigation of agricultural holdings by NUTS 2 region (ef_m_irri) — Eurostat	2020 · NUTS 2024	CC BY 4.0 (Eurostat reuse policy, Decision 2011/833/EU)
© EuroGeographics for the administrative boundaries		
EFFIS (Copernicus) burnt areas mapped since 2016 (mostly fires of 30 ha or more) — European Commission, Joint Research Centre (JRC) / Copernicus Emergency Management Service		CC BY 4.0
European Ground Motion Service (EGMS) L3 Ortho — Copernicus Land Monitoring Service / European Environment Agency (EEA)	2020-2024 · 100 m	Copernicus data policy (Regulation (EU) No 1159/2013): free, commercial use allowed with attribution
Contains modified Copernicus Land Monitoring Service information, European Ground Motion Service 2020-2024 (© European Union, Copernicus Land Monitoring Service, EEA)		

SAMPLE

European Seismic Hazard Model 2020 (ESHM20), mean PGA on rock (vs30 800 m/s) — EFEHR — Swiss Seismological Service (SED) at ETH Zurich	2020 · 0.1° (~10 km)	CC BY 4.0
Danciu L., Nandan S., Reyes C., Basili R., Weatherill G., Beauval C., Rovida A., Vilanova S., Sesetyan K., Bard P-Y., Cotton F., Wiemer S., Giardini D. (2021). The 2020 update of the European Seismic Hazard Model: Model Overview. EFEHR Technical Report 001, doi:10.12686/a15		
EDO (Copernicus) Combined Drought Indicator v4.1, 5 km, every 10 days since 2012 (Cammalleri et al., 2021) — European Commission, Joint Research Centre (JRC) / Copernicus Emergency Management Service	2012-2026	CC BY 4.0
JRC MARS (Copernicus EDO) daily minimum temperature on a 10 km grid; days below 0 °C — European Commission, Joint Research Centre (JRC) / Copernicus Emergency Management Service		CC BY 4.0
ERA5-Land — Copernicus Climate Change Service (C3S) / ECMWF	0.1° (~9 km)	CC BY 4.0
Contains modified Copernicus Climate Change Service information; Muñoz Sabater, J. (2019): ERA5-Land monthly averaged data from 1950 to present, and ERA5-Land post-processed daily statistics, C3S Climate Data Store (CDS)		
Copernicus DEM GLO-30 — Copernicus / ESA	2021 · 30 m	Copernicus DEM licence (free, commercial use allowed)
© DLR e.V. 2010-2014 and © Airbus Defence and Space GmbH 2014-2018 provided under COPERNICUS by the European Union and ESA; all rights reserved		
Natura 2000 — European Environment Agency (EEA)	end 2024	CC BY 4.0
© European Environment Agency (EEA), Natura 2000 end 2024		
Nationally designated areas (CDDA) — European Environment Agency (EEA)	2025	CC BY 4.0
© European Environment Agency (EEA), Nationally designated areas 2025		
Zonas vulnerables a la contaminación por nitratos — Ministerio para la Transición Ecológica y el Reto Demográfico (MITECO)	diciembre 2024	Uso libre y gratuito citando la fuente
Fuente: © Ministerio para la Transición Ecológica y el Reto Demográfico		
Copernicus Sentinel-2 L2A (NDVI) — European Space Agency (ESA) / Copernicus	10 m	Copernicus data policy: free, commercial use with attribution
Contains modified Copernicus Sentinel data, processed by Catastro GPS		
SoilGrids 2.0: clay, sand, silt, pH (H2O) and soil organic carbon, mean prediction, 0-30 cm — ISRIC - World Soil Information	2020 · 1 km (250 m predictions aggregated), sampled on a 0.01° grid	CC BY 4.0
Poggio, L., de Sousa, L.M., Batjes, N.H., Heuvelink, G.B.M., Kempen, B., Ribeiro, E., Rossiter, D. (2021), SoilGrids 2.0, SOIL 7: 217-240, doi:10.5194/soil-7-217-2021		
© Instituto Geográfico Nacional (scne.es) · CC BY 4.0		CC BY 4.0
Photovoltaic Geographical Information System (PVGIS) 5.2 — European Commission, Joint Research Centre (JRC)		© European Union, reuse with attribution

The lights apply fixed thresholds to each source's official figure; they do not combine hazards into a score. A section without official data is left out or shown in grey.

SAMPLE

Generated on 09/11/2026 22:19:02

Source: Dirección General del Catastro (Sede Electrónica del Catastro). Data retrieved on 09/11/2026. Data comes from official cadastral sources and may vary.

Legal notice

Indicative report built from public data. It is not a valuation and has no mortgage validity; it is not an energy performance certificate; it is not an insurance underwriting assessment or a certificate of insurability; it is not a physical climate risk assessment under Delegated Regulation (EU) 2021/2139. The data come from official sources that may contain errors or be out of date. It does not replace professional advice.

SAMPLE