

Contour plan. Contours every 1.5 m, heights in metres above national datum. Buildings solid, roads grey, water blue.

courbia

site models, cut-ready · courbia.com

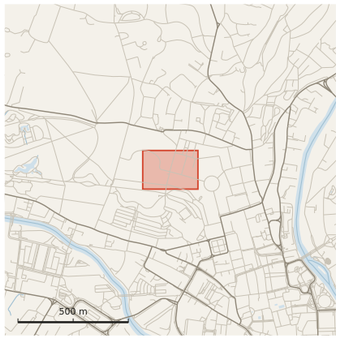
Royal Crescent, Bath (England)

Student Pack · generated 2026-11-16

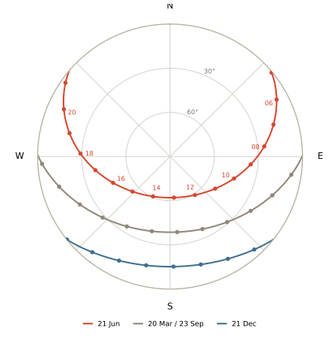
SITE DATA

Site centre	51.38651° N, 2.36676° W
Site size	250 × 175 m (4.37 ha)
Coordinates	EPSG:27700, metres; SW corner E 374450.0, N 165250.0
North	Grid north is up; true north is 0.29° east of it
Terrain	40.6 m to 53.0 m (12.4 m of relief)
Model scale	1:500 → 500 × 350 mm
Contours	every 1.5 m = one 3 mm board; labelled lines every 7.5 m
Laser pack	9 layers, 15 pieces on 7 sheet(s) of 600 × 400 mm
Buildings	103 footprints with heights

LOCATION (1.5 KM SQUARE)



SUN PATH



Sun path: local clock time (Europe/London), hour marks on each curve, altitude rings at 30° and 60°. Calculated with pvlib for the site centre; terrain and building shading are not included.

ACCURACY

Terrain: about ±15 cm vertical (RMSE) on open hard ground. Lower under trees, on steep slopes and next to buildings. Lightly smoothed for clean cutting. Building footprints and heights are indicative; open data can be out of date.

Desk study for design and model-making, not a survey. Do not use for setting out, construction, legal boundaries or flood assessment.

DATA SOURCES AND ATTRIBUTION

Terrain and surface heights: Environment Agency LIDAR Composite DTM/DSM 1 m. © Environment Agency copyright and/or database right. All rights reserved. Contains public sector information licensed under the Open Government Licence v3.0.

Buildings, roads and water: Overture Maps Foundation (overturemaps.org), including © OpenStreetMap contributors. Available under the Open Database License (ODbL).

Overture source datasets in this pack: Microsoft ML Buildings, OpenStreetMap, TomTom.