

Site name	Site code	Date of visit	OS X	OS Y	Latitude	Longitude	UTM
Greenwich 4	GR4	31/07/2007	543982	174676	51 27' 10N	0 04' 15E	31U 293634.76E, 5684119.83N

Satellite pictures

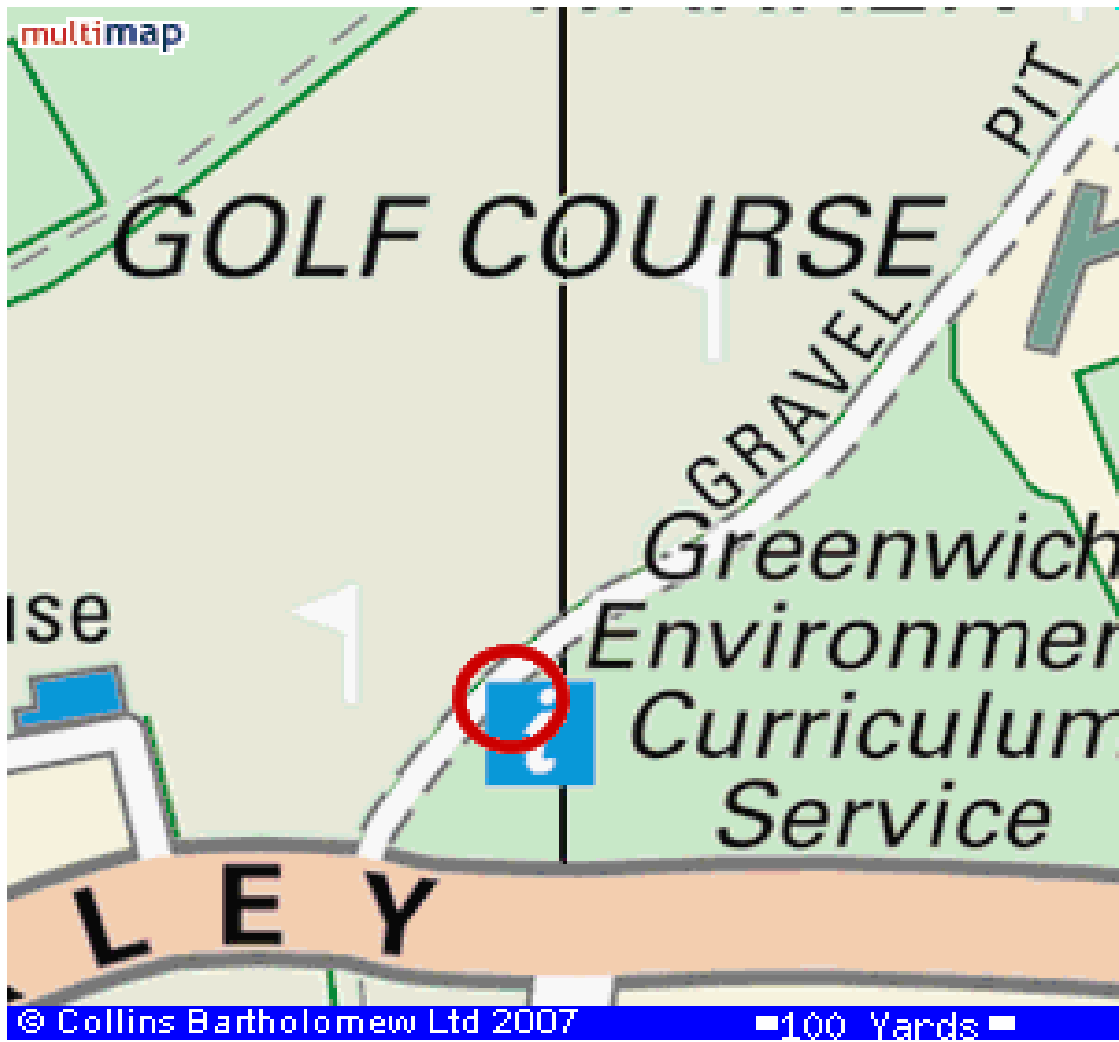
Date:
12/05/2006 -
10/09/2006

Local scale
(100 m radius)

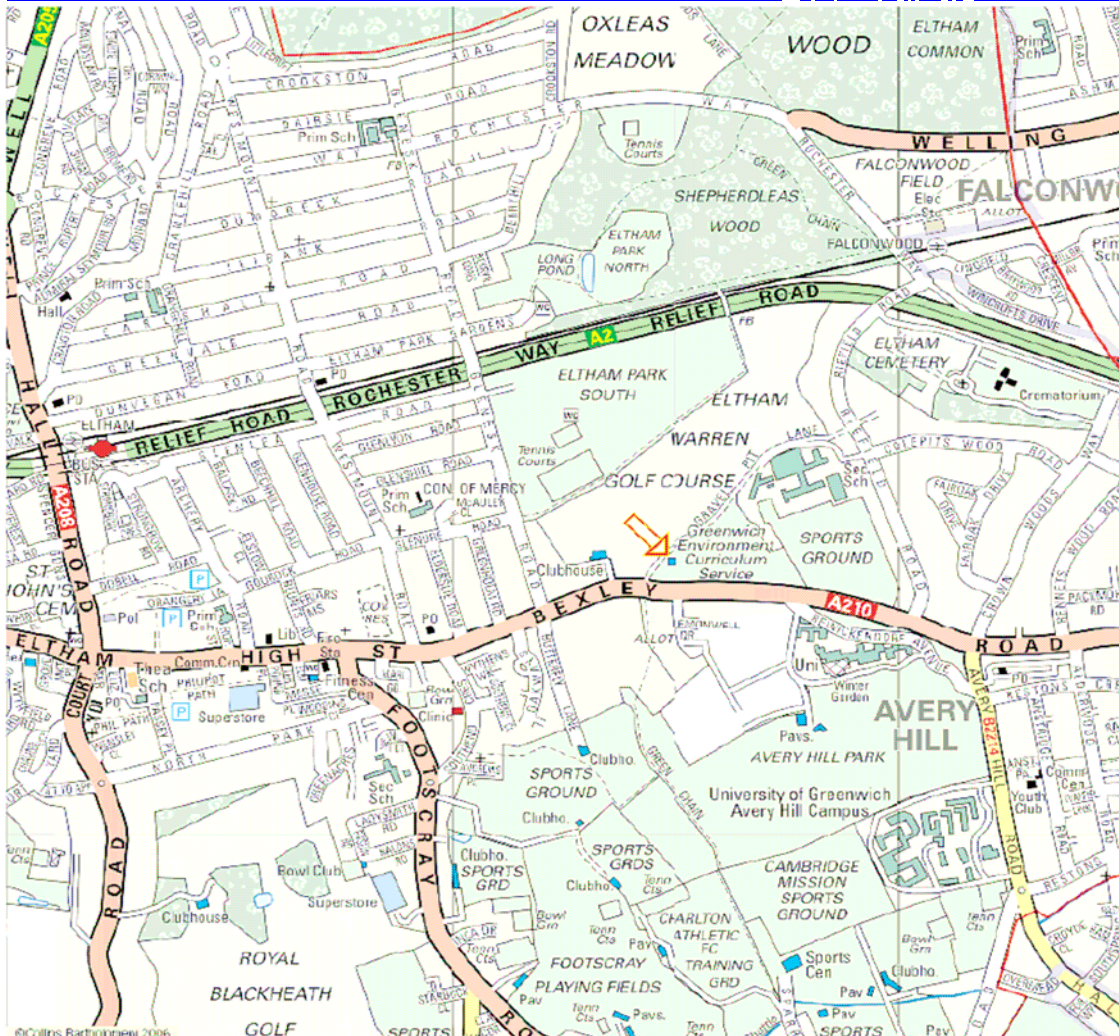


Meso Scale
(1km radius)





Local scale
(100 m radius)



Meso Scale
(1km radius)

Site classification	LAQN Classification	Station Type
	Suburban	Urban Meteorological

Urban climate zone

Meso (2 km radius)	Local (1km radius)	Micro (100 m radius)
4	6	6

% Land cover		100 m	1 km
	Vegetated	83.4	68.5
	Built over	9.81	20
	Water	0.47	0
	Road	6.33	11.6

Main Land use	Direction	Land use (MAJOR / minor)
	N	RECREATIONAL (golf)/ park
	E	RECREATIONAL/ residential
	S	GREEN SPACE/ residential
	W	RECREATIONAL/ residential

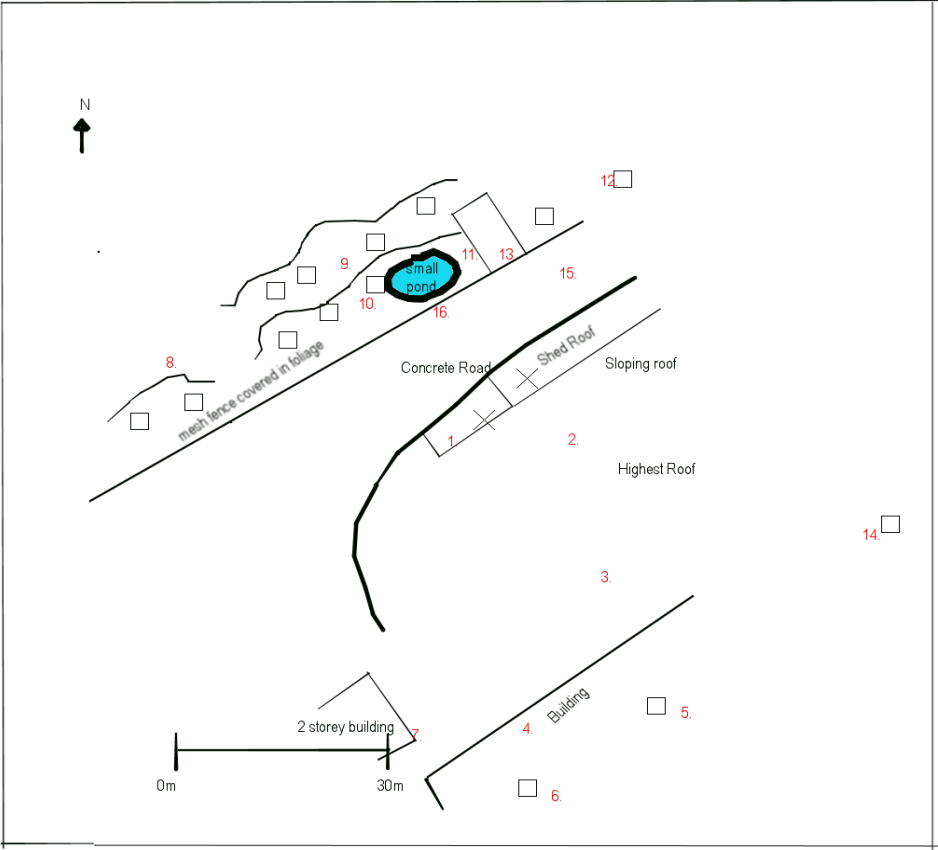
Site description	Meso (2 km radius)	Local (1km radius)	Micro (100 m radius)
	In general it was a vegetated area with open space, amongst which residential areas were scattered.	There was a fairly busy road behind the vegetated are on which the site was placed. There was generally a lot of foliage all around.	A pond about 3m away, dense tree cover. Site on top of a building with a car park nearby.

Station photo












Plan view
diagram
(30 m radius)

KEY
□ : Tree
X : Station

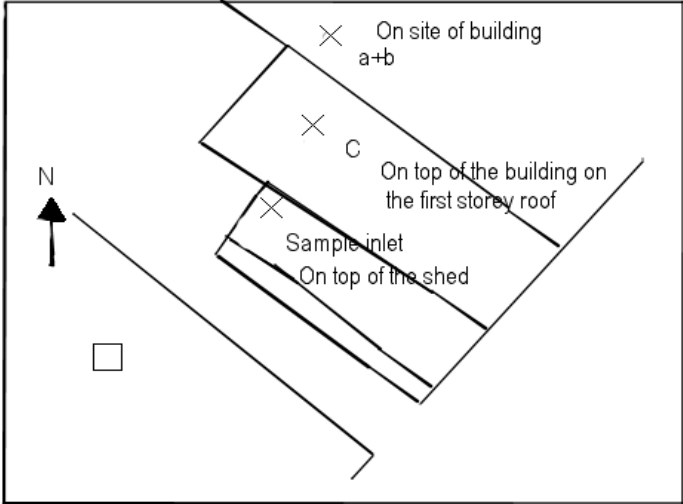


Site obstacles

Sketch key	Type	Detail	Wall material	Roof material	View from station
1	Shed	N/a	Wooden half covered in foliage	Wooden	
2	Building	1st storey roof	Light brick	Corrugated metal	
3	Building	2nd storey roof	N/a	Corrugated metal	
4	Building	Behind the site	Light brick	grey clay tiles	
5	tree	Evergreen	N/a	N/a	

6	Tree	Evergreen	N/a	N/a	
7	Building	2 storey	Light Brick	flat metal roof	
8	Group of trees	Deciduous	N/a	N/a	
9	Group of trees	Deciduous	N/a	N/a	
10	Group of trees	Deciduous	N/a	N/a	
11	Tree	Deciduous	N/a	N/a	Unavailable
12	Tree	Deciduous	N/a	N/a	
13	Shed	N/A	wood	Dark asphalt	
14	Tree	Large Evergreen	N/a	N/a	
15	Road	N/a	Asphalt	N/a	
16	Pond	Very small	water	N/a	Unavailable

Instrument diagram
(Plan view)



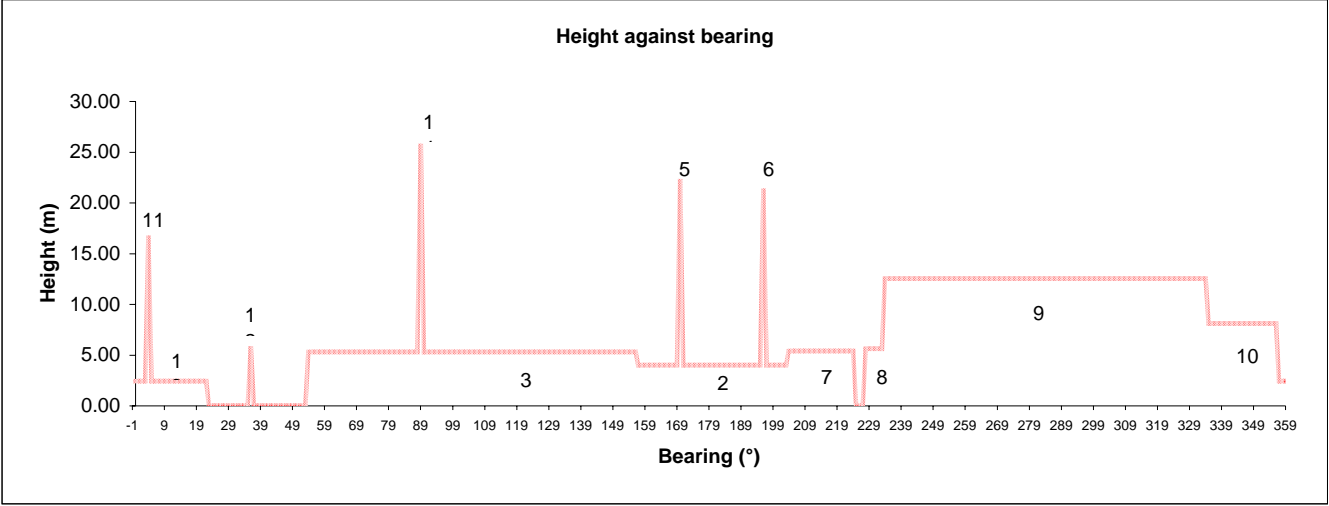
Instruments

Sketch key	Name	Variable	True height (m)	Concerns
a	Cup anemometer	Wind Speed	9.47	Tall trees enclose the site undoubtedly affecting the wind speed.
b	Young wind vane	Wind Direction	9.47	Tall trees enclose the site undoubtedly affecting the wind speed.
c	TEOM	Air Quality	3.23	N/a
d	N/a	Air temperature	N/a	Windows on the second storey are very close to temperature sensor

Instrument image



Graphs
 Height vs. bearing



Other influences

Bearing from site (°)	Source	Location	Detail
54 - 158	Windows	South-facing side	Windows on the second storey are very close to temperature sensor

Traffic	Alongside a quiet road	Seasonal features	Summer however there were evergreens present.	Temporary fixtures	N/A
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Task	Initial
Who visited the site	RW, KR
Who filed the report	KR, RE
Who produced the plots	KR

N.B. values given to 3 s.f.