

Site name	Site code	Date of visit	OS X	OS Y	Latitude	Longitude	UTM
Southwark 1	SK1	08/08/2007	532245	178565	51 29' 26N	0 05' 48W	30U 705341.30E, 5686483.95N

Satellite pictures

Date:  
07/06/2006 -  
29/10/2006

Local scale  
(100 m radius)

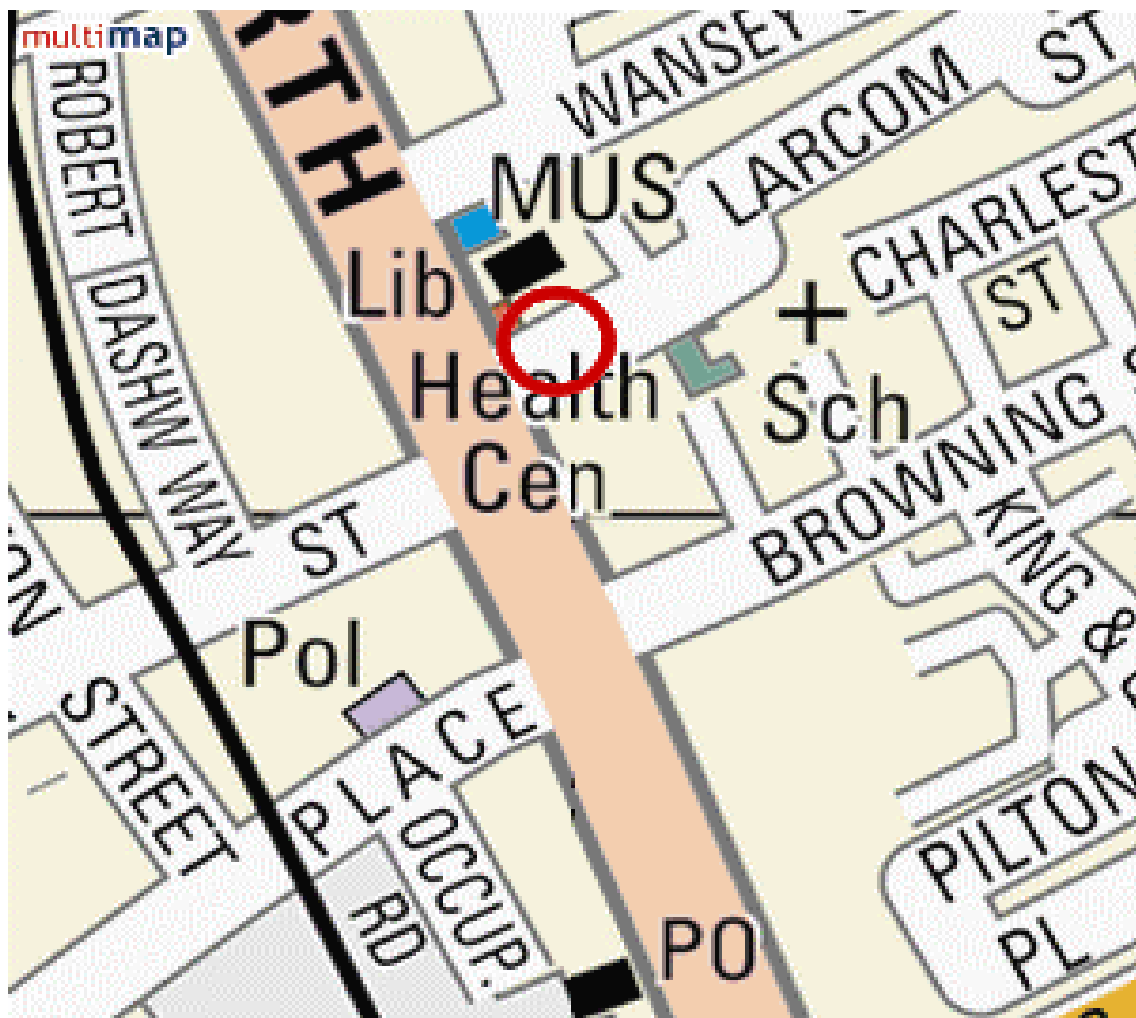


Meso Scale  
(1km radius)





Local scale  
(100 m radius)



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■ 100 Yards ■

Meso Scale  
(1km radius)



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Site classification	LAQN Classification	Station Type
	Urban Background	Urban Meteorological

Urban climate zone	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	3	3	3

% Land cover		100 m	1 km
	Vegetated	11.03	27.42
	Built over	0	0
	Water	75.54	51.83
	Road	13.43	20.75

Main Land use	Direction	Land use (MAJOR / minor)
	N	RESIDENTIAL/ commercial
	E	RESIDENTIAL/ green space
	S	RESIDENTIAL/ commercial
	W	RESIDENTIAL

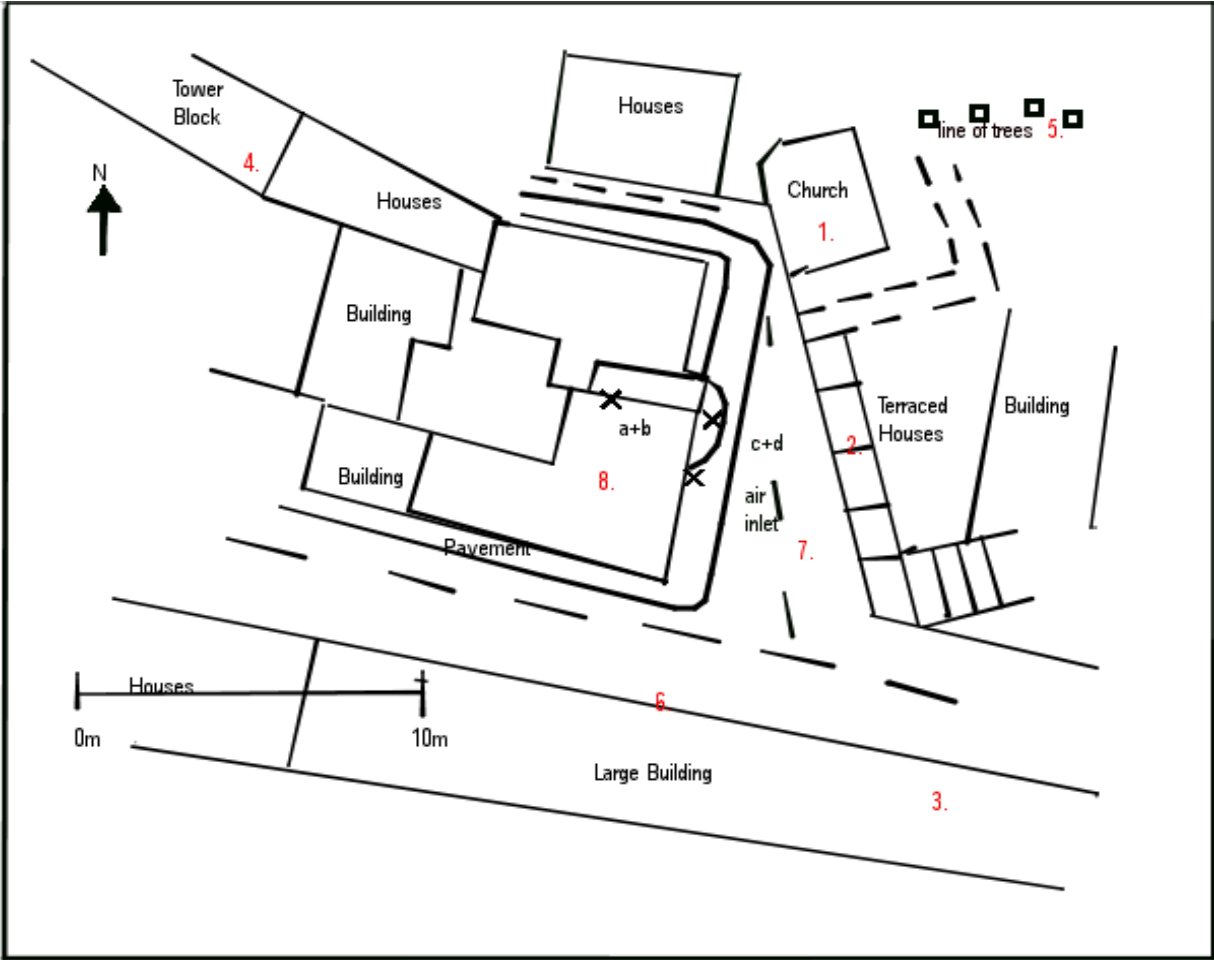
Site description	Meso (1 km radius)	Local (100 m radius)	Micro (30 m radius)
	Dense residential areas.	Dense residential areas in all directions supported by a large commercial presence. Notable green space.	A busy area with shops and large buildings. The average building height is three storeys high.

Station photo



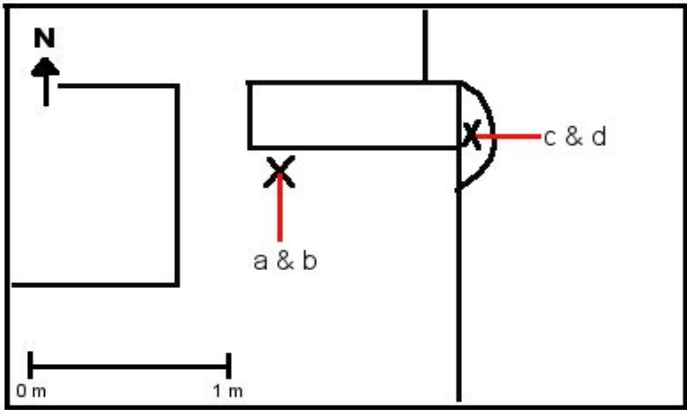
Plan view  
diagram  
(30 m radius)

KEY  
□ : Tree  
X : Station



Site obstacles	Sketch key	Type	Detail	Wall material	Roof material	View from station
	1	Church	N/a	Light grey cobble stones	Dark grey slate	
	2	Housing	Terraced	Darkened yellow bricks	Dark grey slate	
	3	Office/ Factory	N/a	Brown brick	Light metal	
	4	Tower Block	N/a	Grey concrete slabs/glass	N/a	
	5	Line of trees	deciduous	N/a	N/a	

Instrument  
diagram  
(Plan view)



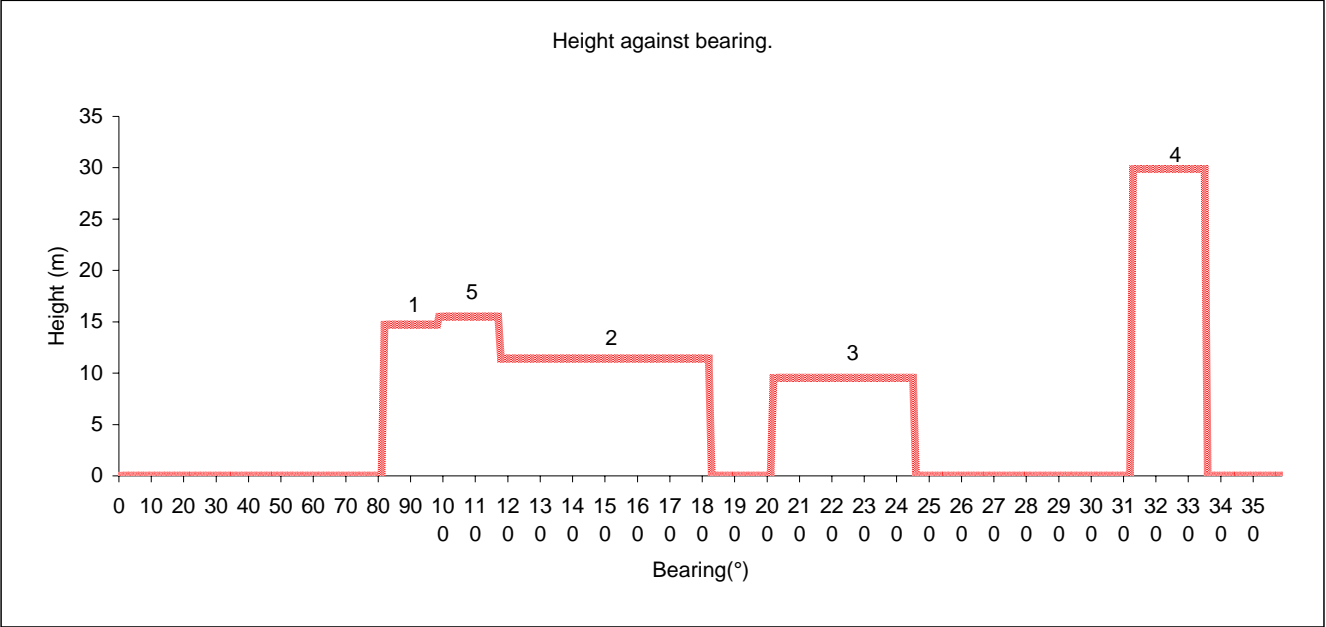
Instruments

Sketch key	Name	Variable	True height (m)	Concerns
a	Young wind vane	Wind direction	17.8	N/a
b	Young wind anemometer	Wind speed	17.8	N/a
c	TEOM	Air quality	4.04	N/a
d	TEOM	Air temperature	4.04	N/a

Instrument  
image



**Graphs**  
 Height vs. bearing



Other influences

Heat sources	Bearing from site (°)	Source	Location	Detail
	N/a	Road	Southwest of site	Frequent traffic
	100 - 182	Houses	Southeast of site	N/a
	N/a	Building	The site is on the building.	The site of the station was on top of a large building which undoubtedly

Traffic	Heavy on walworth road. Lancom road is fairly quiet.	Seasonal features	Summer	Temporary fixtures	Construction site
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Task	Initial
Who visited the site	RW, KR
Who filed the report	RW
Who produced the plots	RW

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