



LIDAR Plot and Street Height Table

The Environment Agency have provided the Flood Group with a detailed plot of the height of the land and streets in the 'High Risk' area. This was prepared from LIDAR data. This means 'LIght Detection And Ranging' and is based upon measurements taken from an airplane using pulsed laser beams. For the purposes of flood investigation, the buildings are 'removed' to leave the ground level and the plots are calibrated based upon the local height datum which s used at the Thames Ditton river height measuring station.

The plot for the 'High Risk' area of Thames Ditton is shown below.

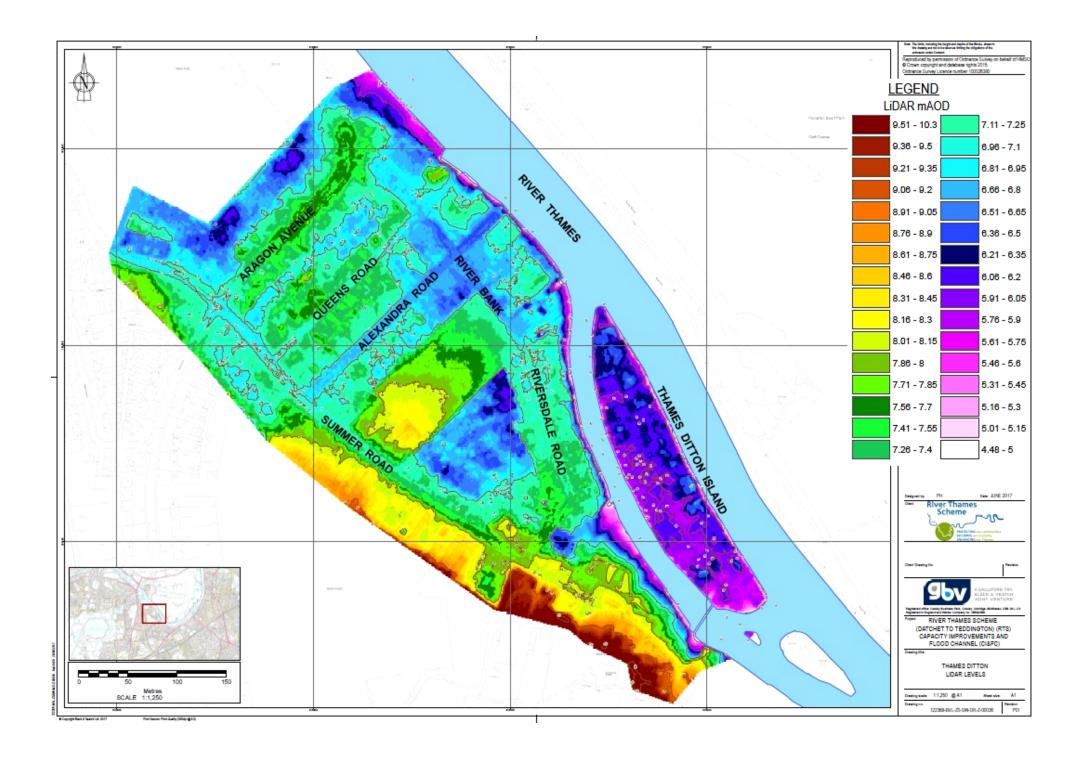
From a flooding perspective, the most important thing is the height of the streets outside each property and to make this easy for interested residents, the Flood Group have analysed the plot to provide an approximate height outside the majority of properties. This is given below. Please note that the Flood Group takes no responsibility for the accuracy of the data and it should be treated as indicative only.

The Flood Group suggest that each resident who is interested should familiarise themselves with the appropriate street height outside their property from the table, check it against the LIDAR plot and then estimate how much higher the threshold of the lowest door is to that the street. This will obviously vary based upon the number of steps and their height.

These two heights can then be noted on the Residents Leaflet circulated to those properties in the 'High Risk' area. In the event of a Flood Alert and Warning, they can be used to see whether there may be the need to move cars or to take precautions to stop water entering your property.

It should be noted that the Thames Water Non Return Valve inserted into the street drain at the end of Alexandra Road now prevents flood water backing up through the drains as it did in 2013/4. When the flood water overtops the banks it that area - nominally around 6.5m AOD, the flood water will rush down Alexandra Road and it will be too late to move cars in that area. For reference, the maximum river flood height reached in 2014 was 6.7m AOD.

The Flood Group is working with the Environment Agency and others to try to increase the flood resilience of the area. In addition, it is hoped that further non return valves may be installed to reduce flood risk, particularly along the lower levels of Summer Road (towards the Level Crossing).



Approximate Street Level for Each Property in 'High Risk Area'

House name/number	Street	Street Level	Street Level Band
WILLOW END	RIVERBANK	6.36 - 6.50	1
WHERRIES	RIVER BANK	6.36 - 6.50	1
THE MOORING	RIVER BANK	6.36 - 6.50	1
4	WOLSEY AVENUE	6.36 - 6.50	1
5	WOLSEY AVENUE	6.36 - 6.50	1
6	WOLSEY AVENUE	6.36 - 6.50	1
54	ALEXANDRA ROAD	6.36 - 6.50	1
3	WOLSEY AVENUE	6.36 - 6.50	1
VAREEMAR	RIVER BANK	6.36 - 6.50	1
42	ALEXANDRA ROAD	6.51 - 6.65	2
50	ALEXANDRA ROAD	6.51 - 6.65	2
52	ALEXANDRA ROAD	6.51 - 6.65	2
67	ALEXANDRA ROAD	6.51 - 6.65	2
50A	ALEXANDRA ROAD	6.51 - 6.65	2
APPLETONS	RIVER BANK	6.51 - 6.65	2
CARISHOLME	RIVER BANK	6.51 - 6.65	2
2	RIVER BANK	6.51 - 6.65	2
KARMA	RIVER BANK	6.51 - 6.65	2
NORTHSTREAM	RIVER BANK	6.51 - 6.65	2
RIVER HAVEN	RIVER BANK	6.51 - 6.65	2
WOODSTOCK	RIVER BANK	6.51 - 6.65	2
10 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
11 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
12 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
14 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
15 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
16 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
17 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
18 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
19 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
2 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
20 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
21 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
22 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
3 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
4 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
5 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
6 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
7 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
8 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2

House name/number	Street	Street Level	Street Level Band
9 ALBANY REACH	QUEENS ROAD	6.51 - 6.65	2
38	ALEXANDRA ROAD	6.51 - 6.65	2
40	ALEXANDRA ROAD	6.51 - 6.65	2
44	ALEXANDRA ROAD	6.51 - 6.65	2
46	ALEXANDRA ROAD	6.51 - 6.65	2
48	ALEXANDRA ROAD	6.51 - 6.65	2
57	ALEXANDRA ROAD	6.51 - 6.65	2
59	ALEXANDRA ROAD	6.51 - 6.65	2
61	ALEXANDRA ROAD	6.51 - 6.65	2
63	ALEXANDRA ROAD	6.51 - 6.65	2
65	ALEXANDRA ROAD	6.51 - 6.65	2
2	ALEXANDRA ROAD	6.66 - 6.8	3
4	ALEXANDRA ROAD	6.66 - 6.8	3
5	ALEXANDRA ROAD	6.66 - 6.8	3
6	ALEXANDRA ROAD	6.66 - 6.8	3
7	ALEXANDRA ROAD	6.66 - 6.8	3
8	ALEXANDRA ROAD	6.66 - 6.8	3
9	ALEXANDRA ROAD	6.66 - 6.8	3
11	ALEXANDRA ROAD	6.66 - 6.8	3
15	ALEXANDRA ROAD	6.66 - 6.8	3
16	ALEXANDRA ROAD	6.66 - 6.8	3
17	ALEXANDRA ROAD	6.66 - 6.8	3
18	ALEXANDRA ROAD	6.66 - 6.8	3
19	ALEXANDRA ROAD	6.66 - 6.8	3
20	ALEXANDRA ROAD	6.66 - 6.8	3
22	ALEXANDRA ROAD	6.66 - 6.8	3
23	ALEXANDRA ROAD	6.66 - 6.8	3
24	ALEXANDRA ROAD	6.66 - 6.8	3
27	ALEXANDRA ROAD	6.66 - 6.8	3
28	ALEXANDRA ROAD	6.66 - 6.8	3
29	ALEXANDRA ROAD	6.66 - 6.8	3
30	ALEXANDRA ROAD	6.66 - 6.8	3
33	ALEXANDRA ROAD	6.66 - 6.8	3
35	ALEXANDRA ROAD	6.66 - 6.8	3
37	ALEXANDRA ROAD	6.66 - 6.8	3
39	ALEXANDRA ROAD	6.66 - 6.8	3
43	ALEXANDRA ROAD	6.66 - 6.8	3
45	ALEXANDRA ROAD	6.66 - 6.8	3
47	ALEXANDRA ROAD	6.66 - 6.8	3
55	ALEXANDRA ROAD	6.66 - 6.8	3
1	ALEXANDRA ROAD	6.66 - 6.8	3

House name/number	Street	Street Level	Street Level Band
3A &3B	ALEXANDRA ROAD	6.66 - 6.8	3
10	ALEXANDRA ROAD	6.66 - 6.8	3
12	ALEXANDRA ROAD	6.66 - 6.8	3
13	ALEXANDRA ROAD	6.66 - 6.8	3
14	ALEXANDRA ROAD	6.66 - 6.8	3
21	ALEXANDRA ROAD	6.66 - 6.8	3
25	ALEXANDRA ROAD	6.66 - 6.8	3
26	ALEXANDRA ROAD	6.66 - 6.8	3
31	ALEXANDRA ROAD	6.66 - 6.8	3
32	ALEXANDRA ROAD	6.66 - 6.8	3
34	ALEXANDRA ROAD	6.66 - 6.8	3
36	ALEXANDRA ROAD	6.66 - 6.8	3
41	ALEXANDRA ROAD	6.66 - 6.8	3
49	ALEXANDRA ROAD	6.66 - 6.8	3
51	ALEXANDRA ROAD	6.66 - 6.8	3
53	ALEXANDRA ROAD	6.66 - 6.8	3
126	SUMMER ROAD	6.81-6.95	4
133	SUMMER ROAD	6.81-6.95	4
135	SUMMER ROAD	6.81-6.95	4
137	SUMMER ROAD	6.81-6.95	4
139	SUMMER ROAD	6.81-6.95	4
141	SUMMER ROAD	6.81-6.95	4
143	SUMMER ROAD	6.81-6.95	4
145	SUMMER ROAD	6.81-6.95	4
147	SUMMER ROAD	6.81-6.95	4
149	SUMMER ROAD	6.81-6.95	4
151	SUMMER ROAD	6.81-6.95	4
153	SUMMER ROAD	6.81-6.95	4
155	SUMMER ROAD	6.81-6.95	4
157	SUMMER ROAD	6.81-6.95	4
159	SUMMER ROAD	6.81-6.95	4
184	SUMMER ROAD	6.81-6.95	4
124A	SUMMER ROAD	6.81-6.95	4
126A	SUMMER ROAD	6.81-6.95	4
131	SUMMER ROAD	6.81-6.95	4
129	SUMMER ROAD	6.81-6.95	4
127	SUMMER ROAD	6.81-6.95	4
186	SUMMER ROAD	6.81-6.95	4
138	SUMMER ROAD	6.81-6.95	4
142	SUMMER ROAD	6.81-6.95	4
144	SUMMER ROAD	6.81-6.95	4

House name/number	Street	Street Level	Street Level Band
146	SUMMER ROAD	6.81-6.95	4
55	QUEENS ROAD	6.81-6.95	4
57	QUEENS ROAD	6.81-6.95	4
59 DUCK HOUSE	QUEENS ROAD	6.81-6.95	4
61	QUEENS ROAD	6.81-6.95	4
63	QUEENS ROAD	6.81-6.95	4
65	QUEENS ROAD	6.81-6.95	4
73	QUEENS ROAD	6.81-6.95	4
75	QUEENS ROAD	6.81-6.95	4
67	QUEENS ROAD	6.81-6.95	4
69	QUEENS ROAD	6.81-6.95	4
71	QUEENS ROAD	6.81-6.95	4
11	RIVERSDALE ROAD	6.81-6.95	4
12	RIVERSDALE ROAD	6.81-6.95	4
13	RIVERSDALE ROAD	6.81-6.95	4
14	RIVERSDALE ROAD	6.81-6.95	4
15	RIVERSDALE ROAD	6.81-6.95	4
140	SUMMER ROAD	6.81-6.95	4
148	SUMMER ROAD	6.81-6.95	4
184 (KGS)	SUMMER ROAD	6.81-6.95	4
186	SUMMER ROAD	6.81-6.95	4
84	SUMMER ROAD	6.96-7.10	5
86	SUMMER ROAD	6.96-7.10	5
88	SUMMER ROAD	6.96-7.10	5
90	SUMMER ROAD	6.96-7.10	5
92	SUMMER ROAD	6.96-7.10	5
94	SUMMER ROAD	6.96-7.10	5
108	SUMMER ROAD	6.96-7.10	5
114	SUMMER ROAD	6.96-7.10	5
122	SUMMER ROAD	6.96-7.10	5
106	SUMMER ROAD	6.96-7.10	5
112	SUMMER ROAD	6.96-7.10	5
116	SUMMER ROAD	6.96-7.10	5
120	SUMMER ROAD	6.96-7.10	5
35	QUEENS ROAD	6.96-7.10	5
36	QUEENS ROAD	6.96-7.10	5
37	QUEENS ROAD	6.96-7.10	5
38	QUEENS ROAD	6.96-7.10	5
39	QUEENS ROAD	6.96-7.10	5
41	QUEENS ROAD	6.96-7.10	5
42	QUEENS ROAD	6.96-7.10	5

House name/number	Street	Street Level	Street Level Band
43	QUEENS ROAD	6.96-7.10	5
44	QUEENS ROAD	6.96-7.10	5
45	QUEENS ROAD	6.96-7.10	5
47	QUEENS ROAD	6.96-7.10	5
48	QUEENS ROAD	6.96-7.10	5
50	QUEENS ROAD	6.96-7.10	5
52	QUEENS ROAD	6.96-7.10	5
53	QUEENS ROAD	6.96-7.10	5
54	QUEENS ROAD	6.96-7.10	5
46	QUEENS ROAD	6.96-7.10	5
56	QUEENS ROAD	6.96-7.10	5
7	RIVERSDALE ROAD	6.96-7.10	5
8	RIVERSDALE ROAD	6.96-7.10	5
9	RIVERSDALE ROAD	6.96-7.10	5
10	RIVERSDALE ROAD	6.96-7.10	5
16	RIVERSDALE ROAD	6.96-7.10	5
17	RIVERSDALE ROAD	6.96-7.10	5
18	RIVERSDALE ROAD	6.96-7.10	5
19	RIVERSDALE ROAD	6.96-7.10	5
118	SUMMER ROAD	6.96-7.10	5
20	QUEENS ROAD	7.11-7.25	6
22	QUEENS ROAD	7.11-7.25	6
23	QUEENS ROAD	7.11-7.25	6
24	QUEENS ROAD	7.11-7.25	6
26	QUEENS ROAD	7.11-7.25	6
28	QUEENS ROAD	7.11-7.25	6
30	QUEENS ROAD	7.11-7.25	6
33	QUEENS ROAD	7.11-7.25	6
34	QUEENS ROAD	7.11-7.25	6
49	QUEENS ROAD	7.11-7.25	6
51	QUEENS ROAD	7.11-7.25	6
40	QUEENS ROAD	7.11-7.25	6
32	QUEENS ROAD	7.11-7.25	6
16	QUEENS ROAD	7.11-7.25	6
13	QUEENS ROAD	7.11-7.25	6
21	QUEENS ROAD	7.11-7.25	6
1	ARAGON AVENUE	7.11-7.25	6
3	ARAGON AVENUE	7.11-7.25	6
5	ARAGON AVENUE	7.11-7.25	6
9	ARAGON AVENUE	7.11-7.25	6
11	ARAGON AVENUE	7.11-7.25	6

House name/number	Street	Street Level	Street Level Band
5	RIVERSDALE ROAD	7.11-7.25	6
6	RIVERSDALE ROAD	7.11-7.25	6
20	RIVERSDALE ROAD	7.11-7.25	6
21	RIVERSDALE ROAD	7.11-7.25	6
22	RIVERSDALE ROAD	7.11-7.25	6
23	RIVERSDALE ROAD	7.11-7.25	6
24	RIVERSDALE ROAD	7.11-7.25	6
28	RIVERSDALE ROAD	7.11-7.25	6
3	RIVERSDALE ROAD	7.26-7.4	7
29	RIVERSDALE ROAD	7.26-7.4	7
30	RIVERSDALE ROAD	7.26-7.4	7
68	SUMMER ROAD	7.41-7.55	8
72	SUMMER ROAD	7.41-7.55	8
74	SUMMER ROAD	7.41-7.55	8
76	SUMMER ROAD	7.41-7.55	8
78	SUMMER ROAD	7.41-7.55	8
80	SUMMER ROAD	7.41-7.55	8
82	SUMMER ROAD	7.41-7.55	8
2	ARAGON AVENUE	7.41-7.55	8
6	ARAGON AVENUE	7.41-7.55	8
8	ARAGON AVENUE	7.41-7.55	8
21	ARAGON AVENUE	7.41-7.55	8
7	ARAGON AVENUE	7.41-7.55	8
13	ARAGON AVENUE	7.41-7.55	8
15	ARAGON AVENUE	7.41-7.55	8
17	ARAGON AVENUE	7.41-7.55	8
19	ARAGON AVENUE	7.41-7.55	8
23	ARAGON AVENUE	7.41-7.55	8
1	RIVERSDALE ROAD	7.41-7.55	8
2	RIVERSDALE ROAD	7.41-7.55	8
31	RIVERSDALE ROAD	7.41-7.55	8
10	ARAGON AVENUE	7.56-7.7	9
12	ARAGON AVENUE	7.56-7.7	9
14	ARAGON AVENUE	7.56-7.7	9
16	ARAGON AVENUE	7.56-7.7	9
18	ARAGON AVENUE	7.56-7.7	9
20	ARAGON AVENUE	7.56-7.7	9
22	ARAGON AVENUE	7.56-7.7	9
24	ARAGON AVENUE	7.56-7.7	9
26	ARAGON AVENUE	7.56-7.7	9
28	ARAGON AVENUE	7.56-7.7	9

House name/number	Street	Street Level	Street Level Band
30	ARAGON AVENUE	7.56-7.7	9
32	ARAGON AVENUE	7.56-7.7	9
34	ARAGON AVENUE	7.56-7.7	9
36	ARAGON AVENUE	7.56-7.7	9
38	ARAGON AVENUE	7.56-7.7	9
40	ARAGON AVENUE	7.56-7.7	9
42	ARAGON AVENUE	7.56-7.7	9
43	ARAGON AVENUE	7.56-7.7	9
45	ARAGON AVENUE	7.56-7.7	9
47	ARAGON AVENUE	7.56-7.7	9
49	ARAGON AVENUE	7.56-7.7	9
51	ARAGON AVENUE	7.56-7.7	9
25	ARAGON AVENUE	7.56-7.7	9
27	ARAGON AVENUE	7.56-7.7	9
29	ARAGON AVENUE	7.56-7.7	9
31	ARAGON AVENUE	7.56-7.7	9
33	ARAGON AVENUE	7.56-7.7	9
35	ARAGON AVENUE	7.56-7.7	9
37	ARAGON AVENUE	7.56-7.7	9
39	ARAGON AVENUE	7.56-7.7	9
41	ARAGON AVENUE	7.56-7.7	9
1	QUEENS ROAD	7.71-7.85	10
3	QUEENS ROAD	7.71-7.85	10
4	QUEENS ROAD	7.71-7.85	10
5	QUEENS ROAD	7.71-7.85	10
6	QUEENS ROAD	7.71-7.85	10
7	QUEENS ROAD	7.71-7.85	10
8 WILD ROSE COTTAGE	QUEENS ROAD	7.71-7.85	10
9	QUEENS ROAD	7.71-7.85	10
10	QUEENS ROAD	7.71-7.85	10
11	QUEENS ROAD	7.71-7.85	10
12	QUEENS ROAD	7.71-7.85	10
14	QUEENS ROAD	7.71-7.85	10
15	QUEENS ROAD	7.71-7.85	10
17	QUEENS ROAD	7.71-7.85	10
18	QUEENS ROAD	7.71-7.85	10
19	QUEENS ROAD	7.71-7.85	10
MIDSUMMER COTTAGE	QUEENS ROAD	7.71-7.85	10