



RICHMOND UPON THAMES	HOUNSLOW	HAMMERSMITH	WESTMINSTER	CITY	TOWER HAMLETS	NEWHAM	BARKING	HAVERING	THURROCK, ESSEX
KINGSTON	RICHMOND UPON THAMES	WANDSWORTH	LAMBETH	SOUTHWARK	GREENWICH	BEXLEY	DARTFORD, KENT		

ALL LEVELS A.O.D. NEWLYN

LEVELS AT SOUTHEND	2.5	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75
FLOW MGD	LEVELS AT TEDDINGTON (APPROX)									
1000	4.03	4.28	4.49	4.69	4.85	5.00	5.17	5.34	5.50	5.65
2000	4.12	4.38	4.58	4.78	4.92	5.08	5.25	5.42	5.58	5.72
3000	4.21	4.48	4.68	4.86	5.01	5.17	5.33	5.49	5.64	5.77
4000	4.30	4.59	4.77	4.95	5.10	5.25	5.41	5.57	5.70	5.80
5000	4.39	4.59	4.87	5.03	5.19	5.34	5.49	5.64	5.75	5.85
6000	4.47	4.80	4.96	5.12	5.27	5.42	5.57	5.72	5.82	5.93
7000	4.60	4.89	5.03	5.19	5.33	5.47	5.61	5.75	5.88	6.00
8000	4.73	4.97	5.11	5.26	5.39	5.52	5.65	5.78	5.91	
9000	4.86	5.06	5.18	5.33	5.45	5.57	5.69	5.81	5.93	
10000	4.99	5.14	5.26	5.40	5.51	5.63	5.73	5.85	5.96	
11000	5.12	5.23	5.33	5.47	5.57	5.68	5.77	5.88	5.98	
12000	5.25	5.32	5.40	5.54	5.63	5.73	5.81	5.90	6.00	

CORRECTION FACTOR - TEDDINGTON  
ADD 0.2m TO ALL THE ABOVE LEVELS

LEVELS AT SOUTHEND	2.5	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75
FLOW MGD	LEVELS AT RICHMOND (APPROX)									
1000	3.92	4.19	4.42	4.63	4.84	5.06	5.27	5.46	5.63	5.80
2000	3.98	4.25	4.48	4.69	4.89	5.11	5.31	5.50	5.67	5.84
3000	4.04	4.31	4.54	4.74	4.94	5.15	5.36	5.54	5.71	5.88
4000	4.11	4.37	4.59	4.80	5.00	5.20	5.40	5.59	5.76	5.92
5000	4.17	4.43	4.65	4.85	5.05	5.24	5.45	5.63	5.80	5.96
6000	4.23	4.49	4.71	4.91	5.10	5.29	5.49	5.67	5.84	6.00
7000	4.27	4.52	4.74	4.94	5.13	5.31	5.51	5.69	5.86	
8000	4.31	4.55	4.77	4.96	5.15	5.34	5.53	5.71	5.87	
9000	4.35	4.59	4.80	4.99	5.18	5.36	5.55	5.72	5.89	
10000	4.39	4.62	4.83	5.01	5.20	5.39	5.57	5.74	5.90	
11000	4.43	4.65	4.86	5.04	5.23	5.41	5.59	5.76	5.92	
12000	4.47	4.68	4.89	5.07	5.25	5.43	5.61	5.78	5.94	

CORRECTION FACTOR - RICHMOND  
ADD 0.15m TO ALL THE ABOVE LEVELS

LEVELS AT SOUTHEND	2.5	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75
FLOW MGD	LEVELS AT HAMMERSMITH (APPROX)									
1000	3.60	3.89	4.17	4.41	4.66	4.91	5.15	5.38	5.60	5.80
2000	3.65	3.94	4.21	4.46	4.70	4.96	5.20	5.43	5.65	5.87
3000	3.70	3.98	4.26	4.50	4.75	5.00	5.24	5.47	5.70	5.92
4000	3.75	4.03	4.30	4.55	4.80	5.05	5.29	5.52	5.74	5.96
5000	3.79	4.07	4.35	4.59	4.84	5.09	5.33	5.56	5.79	6.00
6000	3.84	4.12	4.39	4.64	4.89	5.14	5.38	5.61	5.84	
7000	3.87	4.15	4.42	4.67	4.91	5.16	5.40	5.63	5.86	
8000	3.90	4.18	4.45	4.70	4.94	5.19	5.42	5.66	5.88	
9000	3.94	4.22	4.47	4.72	4.96	5.21	5.45	5.68	5.90	
10000	3.97	4.25	4.50	4.75	4.99	5.24	5.47	5.71	5.92	
11000	4.01	4.28	4.53	4.78	5.01	5.26	5.49	5.73	5.94	
12000	4.04	4.31	4.56	4.80	5.03	5.28	5.51	5.74	5.95	

CORRECTION FACTOR - HAMMERSMITH  
ADD 0.10m TO ALL THE ABOVE LEVELS

FOR LONDON BR LEVEL ADD TO SOUTHEND LEVEL	FLOW MGD	ADD
	1000	ADD 1.02
	2000	ADD 1.06
	3000	ADD 1.09
	4000	ADD 1.13
	5000	ADD 1.16
	6000	ADD 1.20
	7000	ADD 1.24
	8000	ADD 1.27
	9000	ADD 1.30
	10000	ADD 1.33
	11000	ADD 1.35
	12000	ADD 1.37

**NOTES:**  
THESE TABLES HAVE BEEN TAKEN (AND IN PLACES EXTRAPOLATED) FROM SELECTED TIDES OCCURRING BETWEEN 1928 & 1970. THE ACCURACY FOR FORECASTING THE LEVELS OF ABNORMAL TIDES, HOWEVER, MAY BE ± 1ft OR WORSE. MOVABLE DAM CILL LEVELS SHOWN THUS SEE "EMERGENCY CLOSURE" LIST FOR DETAILS.

**TO DRAW TIDAL PROFILE:**  
ENTER RIVER FLOW (M.G.D.) AND H.W. SOUTHEND INTO TABLES AND OBTAIN FORECAST H.W. LEVELS FOR HAMMERSMITH, RICHMOND AND TEDDINGTON. JOIN THESE FOUR POINTS TO OBTAIN THE FORECAST H.W. PROFILE.

THE PROFILE CAN BE ADJUSTED WHEN ACTUAL H.W. LEVELS AT SOUTHEND, TOWER PIER AND HAMMERSMITH ARE KNOWN.