

**2007 summer floods - Environment Agency - A table showing the accuracy of our flood level predictions.**

In some of our regions it is necessary to predict river levels to help us issue accurate and timely flood warnings. This table shows how well we predicted maximum river levels in those regions.

Environment Agency Region	Forecasting location	River catchment	Our forecasts			Actual maximum level / flow				
			Date of Forecast (day/month/year)	Time (BST)	The maximum river level/flow we predicted (mAOD unless stated)	The maximum level/flow (mAOD unless stated)	Date (day/month/year)	Time		
Midlands	Tenbury	River Teme	25/06/2007	23:00	5.0-5.2	5.75	26/06/2007	07:15		
			25/06/2007	23:30	5.4-5.6					
			26/06/2007	00:30	5.5-5.7					
			26/06/2007	03:30	5.5-5.8					
			26/06/2007	05:30	5.75					
	Evesham	River Avon	19/07/2007	21:10	>4.0	5.52	21/07/2007	15:45		
			20/07/2007	06:35	>4.0					
			21/07/2007	02:30	4.8-5.0					
	Stratford upon Avon	River Avon	19/07/2007	21:10	>2.3	2.50	21/07/2007	07:15		
			20/07/2007	06:35	>2.3					
			21/07/2007	02:30	2.3-2.4					
			21/07/2007	04:00	2.5-2.6					
	Tenbury	River Teme	19/07/2007	14:30	>5.5	5.97	21/07/2007	14:45		
			20/07/2007	14:20	5.4					
			20/07/2007	19:00	5.5-6.0					
			21/07/2007	00:15	5.9-6.2					
			21/07/2007	01:10	>5.9					
			21/07/2007	05:00	6					
	Buttington for Welshpool	River Severn (Wales)	20/07/2007	18:40	5.1-5.5	5.23	21/07/2007	13:45		
			20/07/2007	19:00	5.2-5.6					
			21/07/2007	00:15	5.2-5.6					
			21/07/2007	05:00	5.2-5.4					
	Diglis for Worcester	River Severn (England)	19/07/2007	14:30	>4.25	5.30	21/07/2007	21:15		
			20/07/2007	10:30	>4.25					
			20/07/2007	17:45	4.5-5.0					
			20/07/2007	20:30	5.0-5.3					
			20/07/2007	21:35	4.9-5.2					
			21/07/2007	00:15	4.9-5.2					
			21/07/2007	05:00	5.1-5.2					
			21/07/2007	11:00	5.1-5.3					
	Saxons Lode for Upton upton Severn	River Severn (England)	20/07/2007	10:30	>4.2	5.93	22/07/2007	16:15		
			20/07/2007	18:20	>4.5					
			20/07/2007	19:30	>5.0					
20/07/2007			20:50	>5.3						
22/07/2007			00:25	5.7-5.8						
22/07/2007			06:05	5.8-5.9						
Mythe for Tewkesbury	River Severn (England)	21/07/2007	04:00	>4.5	5.50	22/07/2007	17:00			
		22/07/2007	03:50	5.4						
		22/07/2007	06:05	5.3						
		22/07/2007	10:13	5.5						
Stratford upon Avon	River Avon	22/07/2007	01:15	2.3	2.28	22/07/2007	02:40			
Eathorpe for Warwick	Other Avon Tribs	21/07/2007	01:45	3.0	3.14	21/07/2007	08:15			
Gloucester	River Severn (England)	21/07/2007	04:00	>3.6	4.92	23/07/2007	16:00			
		21/07/2007	22:08	3.9-4.4						
		22/07/2007	06:25	4.2-4.5						
		22/07/2007	07:40	4.3-4.8						
22/07/2007	15:30	4.7-5.0								
Thames	Banbury	Cherwell	20/07/2007	14:32	2.2	2.39	21/07/2007	06:45		
	Abingdon	Ock	21/07/2007	18:00	1.8	1.81	22/07/2007	06:45		
			Osney Lock for Oxford	Thames	22/07/2007	17:00	56.43	56.41	25/07/2007	17:00
					23/07/2007	08:30	56.2			
					24/07/2007	19:00	56.4			
	Abingdon Lock for Abingdon	Thames	22/07/2007	17:00	55.08	51.17	25/07/2007	19:00		
			23/07/2007	08:30	51.2					
			24/07/2007	07:30	51.1					
			25/07/2007	09:00	51.2 m					
	Mapledurham Lock for Purley	Thames	22/07/2007	17:00	38.94	38.86	26/07/2007	11:45		
			23/07/2007	08:30	38.9					
			24/07/2007	07:30	38.7					
			25/07/2007	09:00	39					
			26/07/2007	04:30	38.9					
	Caversham Lock for Reading	Thames	22/07/2007	17:00	36.85	36.64	26/07/2007	16:15		
			23/07/2007	08:30	36.8					
			24/07/2007	07:30	36.8					
			25/07/2007	09:00	36.8					
			26/07/2007	02:00	36.7					
	Windsor	Thames	22/07/2007	17:30	255 cumecs*	275.9 cumecs*	23/07/2007	17:30		
	North East	Doncaster	Don	15/06/2007	06:10	3.7-6.3	5.56	16/06/2007	02:45	
				08:30	5.23-5.45					

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				13:15	5.5m 6m		16/06/2007	02:45
	Kirkstall Abbey for Leeds	Aire	15/06/2007	09:18 11:00	2.6 m 2.6 m	2.49	15/06/2007	12:30
	Boroughbridge for York	Ure	15/06/2007	12:45 19:00 23:00	15.3 mAOD 15.3 14.9	14.72	16/06/2007	04:15
	Doncaster	Don	25/06/07 - 26/06/07	08:00 18:15 01:15	5.1 5.4 6.0	6.30	26/06/2007	09:30

**All figures are shown in metres above ordnance datum (mAOD) unless specified.**

\* A cumec is an abbreviation for expressing the flow of water in cubic metres per second. These figures are only available in flow so that we can compare with historic information.

*We have taken reasonable care to make sure that the information provided here is an accurate copy of the information from our records. We will update this information and we will put it on these internet pages as soon as we can.*