



Hydrometric Report and Catalogue 1989



NRA

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Severn-Trent Region*



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NATIONAL RIVERS AUTHORITY
SEVERN TRENT REGION

REGIONAL
HYDROMETRIC REPORT
&
CATALOGUE
1989



ENVIRONMENT AGENCY



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FOREWARD

The National Rivers Authority assumed responsibility for hydrometric data on vesting day 1 September 1989. The data presented in this Yearbook was managed by the Rivers and Regulation Division of Severn Trent Water Authority until vesting day and by the NRA's Severn-Trent Region thereafter.

Publication of the 1989 Yearbook has been timed to coincide with a sister volume on the 1989 drought. As with previous Yearbooks, it is impossible to summarise all data. On this occasion, the opportunity has been taken to place more emphasis on the measurement of low river flows. Accordingly, no apology is made for the inclusion of all the results of current meter gaugings during summer 1989. (This was the longest sustained period of low river flows since 1976.)

Elsewhere in the Yearbook, an indication is given in the Data Section of the type of data routinely prepared for established measurement stations. The full lists of stations are to be found in the second half of the volume under the Catalogue Section.

The Yearbook and Catalogue provide a summary of available processed hydrometric data for 1989 together with selected details of low flow measurements. The sister volume specifically deals with the drought, its severity, its consequences and the lessons learned within the NRA Severn-Trent Region. Together, the two volumes provide a full picture of the way in which the drought was monitored and the water resources were managed in 1989.

The preparation of the Yearbook relies on teamwork between field hydrometric staff based in the region's four Areas, regional data management staff and supporting services both in-house and contracted. Coordination of the Yearbook has been supervised by David Grimshaw, Senior Hydrologist with responsibility for Data Management based at the NRA's regional office at Solihull.

Inevitably in any enterprise of this scale, despite rigorous quality control of data, occasional mistakes do slip through. It would be appreciated if you could inform the Data Management Section of any errors so that they can be corrected. In this respect contact can be most readily made to:

NRA, Severn-Trent Region, Water Resources Section (Data Management)
550 Streetsbrook Road, Solihull, B91 1QT, Tel 021-711-2324 Fax 021-722-5824.

Any suggestions for improvements to content or format of the Yearbook and/or Catalogue are welcomed.

The data summarised in this volume support all the technical functions of the NRA. As environmental awareness grows, so does the demand for accurate numeric information. Nowhere is this point more focussed than in the provision of hydrometric data. This Yearbook and Catalogue is presented in furtherance of the NRA's policy of openness and its aim to further heighten awareness of the variability of our water resources heritage.

R C Goodhew
Principal, Water Resources

December 1990

1989 HYDROMETRIC YEARBOOK AND CATALOGUES

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A. HYDROMETRIC SUMMARY

Introduction

The year was dominated by the very dry weather during the Summer which imposed an exceptionally heavy burden on many sections within the NRA, but none more so than the hydrometric and data processing staff.

The first low flow survey took place in late June, and by mid October a total of nearly fifty had been completed covering virtually the whole of the Region. Special attention was given to resource rivers and those where there were known problems at low flows.

Water Resources worked closely with the Licencing and Abstraction section to ensure that data was available to monitor flow recessions against threshold values. A larger than normal number of gaugings were required to support this function.

The Shropshire groundwater scheme came into operation for the first time and absorbed a considerable amount of the hydrometric manpower available in Upper Severn Area. When necessary staff were deployed outside their normal working area to ensure that hydrometric effort was concentrated where required. Headquarters staff were also used during surveys.

The year came to a close with flooding just before Christmas and a further surge in hydrometric activity, many major rivers being gauged at their highest levels for several years.

In all a total of 2440 gaugings were completed during 1989, of which almost 1700 were taken during the low flow period of late June to mid October, with 1360 alone during the period July to September when most surveys took place.

B. CURRENT METER GAUGINGS FOR 1989.

A current meter gauging is a direct measurement of flow taken over a short period of time, usually between fifteen minutes and two hours depending on the size of river or stream. They are carried out for a variety of reasons the principal ones being to monitor the accuracy of rating curves used for flow processing, to check calibrations of ultrasonic and electromagnetic flowgauges, to monitor river flows for licensing and abstraction, to provide data for pollution control and quality monitoring and to investigate the hydrological characteristics of catchments.

1. FLOW GAUGINGS MAY-OCTOBER 1989.

The current meter gaugings in table 1 cover the period from 01/05/89 to 18/10/89. They demonstrate the gradual decline in flows over the region, although the data should be used with care as the number of gaugings available at any one site varies tremendously and the lowest flows which occurred need not necessarily be represented. A subset of this data is given in the various catchment and subcatchment specific low flow survey listings, but, given the exceptionally low flows of 1989, it was considered that a complete record of current meter gauging activity over the period should be included.

The data has been extracted from the database system into which gaugings processed by area staff are now captured directly. They are arranged by date within alphabetic site name within alphabetic river name.

The accuracy of current meter gauging data varies greatly according to site conditions. Percentage errors can be large at low flows. The results are expressed to two decimal places to provide sufficient precision for very small flows but current meter data cannot be said to be accurate to two decimal places of a megalitre. The data should be used with care and if in doubt consult the hydrometric staff within Water Resources.

The areas quoted in this and all other tables relate to the NRA operational areas in use from September 1 1989.

2. SPECIFIC SURVEY TABLES.

Once it became clear that lower than normal flows were going to be experienced surveys were organized to provide data on flow variations within specific subcatchments. The first one was on the River Derwent in late June. As the dry conditions persisted repeat and additional surveys were carried out so that all major catchments were covered at least once. Some smaller catchments of special interest were also included.

In all almost fifty separate surveys were completed, the last being on the 19 October. It was by far the most intensive series of flow measurement surveys since 1975/76.

Tables 2 to 9 show the results of groups of surveys covering either the same sites on different dates or sites within related subcatchments. The sites are all organized in downcatchment order. Most surveys were completed in one or two days and flows are comparable but the overall decline in

river flows was interrupted by rainfall, particularly on the 6/7 July, 9 and 14 August and 16 September. All flow data is given in megalitres per day.

Processed flow data has been included for virtually all flow measurement stations to provide information for additional sites and to demonstrate the relative change in flow rates between different surveys. These flows are marked (MDF) after the station name. For some sites both processed and current meter derived flows are given for some or all of the surveys. Differences are to be expected and may be due to a variety of causes, principally that the MDF is the mean for a 24 hour period starting 09.00 G.M.T. whilst a current meter gauging will typically measure the flow over a period of between fifteen minutes and two hours. However, some of the difference will be due to random and systematic errors in both gaugings and the flow calculation process. These may vary greatly from site to site.

The precise site chosen for gauging may vary from survey to survey. Where the quoted grid references vary significantly these are shown as separate sites as it cannot usually be established if there are any factors affecting flow between them.

The date given at the head of the table for each survey is that on which the majority of the gaugings were taken. Some surveys extended over two days, and this should be taken into consideration if the exact date is required. This can be confirmed by referring to the complete listing of gaugings in table 1.

When using the data the same comments regarding accuracy apply as for the previous listing of all low flow gaugings.

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
ALBRIGHTON BK.	COSFORD	SJ78100458	US	02/08/89	0.65
ALFRETON BK.	ALFRETON	SK41505700	LT	26/06/89	20.13
ALFRETON BK.	ALFRETON	SK41505700	LT	25/07/89	15.55
ALFRETON BK.	ALFRETON	SK41505690	LT	07/09/89	17.16
ALFRETON BK.	ALFRETON	SK41505690	LT	27/09/89	10.61
ALFRETON BK.	ALFRETON	SK41505700	LT	17/10/89	19.01
ALFRETON BK.	TOADHOLE FURNACE	SK39005640	LT	26/06/89	28.68
ALFRETON BK.	TOADHOLE FURNACE	SK39005640	LT	25/07/89	17.96
ALFRETON BK.	TOADHOLE FURNACE	SK39005680	LT	07/09/89	23.62
ALFRETON BK.	TOADHOLE FURNACE	SK39005680	LT	27/09/89	16.23
ALFRETON BK.	TOADHOLE FURNACE	SK39005640	LT	17/10/89	27.30
ALNE	GREAT ALNE	SP11805910	LS	19/07/89	29.38
ALNE	HENLEY IN ARDEN	SP15306530	LS	19/07/89	5.01
ALNE	HENLEY IN ARDEN	SP15306530	LS	26/07/89	4.92
ALNE	HENLEY IN ARDEN	SP15306530	LS	25/08/89	5.28
ALNE	HOO MILL	SP10605780	LS	25/08/89	24.81
ALNE	WOOTEN WAWEN	SP15506300	LS	19/07/89	15.29
ALNE	WOOTEN WAWEN	SP16106390	LS	26/07/89	9.68
ALNE	WOOTEN WAWEN	SP15506310	LS	25/08/89	14.45
ALNE (L/C)	GREAT ALNE U/S	SP13105950	LS	26/07/89	19.01
ALNE (R/C)	GREAT ALNE U/S	SP13105950	LS	26/07/89	1.04
AMBER	AMBERGATE	SK34705170	LT	26/06/89	48.38
AMBER	AMBERGATE	SK34705170	LT	25/07/89	40.82
AMBER	AMBERGATE	SK34705170	LT	07/09/89	42.19
AMBER	AMBERGATE	SK34705170	LT	07/09/89	40.44
AMBER	AMBERGATE	SK34705170	LT	27/09/89	36.55
AMBER	AMBERGATE	SK34705170	LT	17/10/89	32.99
AMBER	HALLFIELD GATE	SK38605820	LT	26/06/89	7.08
AMBER	HALLFIELD GATE	SK38605820	LT	25/07/89	7.02
AMBER	HALLFIELD GATE	SK38705830	LT	07/09/89	6.45
AMBER	HALLFIELD GATE	SK38705830	LT	27/09/89	5.18
AMBER	HALLFIELD GATE	SK38605820	LT	17/10/89	4.06
AMBER	WINGFIELD PARK	SK37505200	LT	22/06/89	36.63
AMBER	WINGFIELD PARK	SK37505200	LT	26/06/89	36.63
AMBER	WINGFIELD PARK	SK37505200	LT	25/07/89	27.97
AMBER	WINGFIELD PARK	SK37505200	LT	07/09/89	32.43
AMBER	WINGFIELD PARK	SK37505200	LT	27/09/89	27.29
AMBER	WINGFIELD PARK	SK37505200	LT	10/10/89	33.13
AMBER	WINGFIELD PARK	SK37505200	LT	17/10/89	29.41
AMBER	WOOLEY MOOR	SK36706100	LT	26/06/89	5.96
AMBER	WOOLEY MOOR	SK36706100	LT	25/07/89	3.97
AMBER	WOOLEY MOOR	SK36706100	LT	07/09/89	3.02
AMBER	WOOLEY MOOR	SK36706100	LT	27/09/89	3.78
AMBER	WOOLEY MOOR	SK36706100	LT	17/10/89	3.53
ANKER	A4254 NEW ROAD	SP38109160	UT	23/08/89	12.10
ANKER	ATHERSTONE A5	SP32529720	UT	23/08/89	50.60
ANKER	BRAMCOTE BRIDGE	SP41418881	UT	23/08/89	3.07
ANKER	LEATHER MILL FM.	SP33909550	UT	23/08/89	25.68
ANKER	POLESWORTH	SK26260333	UT	24/05/89	160.01
ANKER	POLESWORTH	SK26260333	UT	14/06/89	115.95
ANKER	POLESWORTH	SK26260333	UT	28/06/89	147.05
ANKER	POLESWORTH	SK26290342	UT	24/08/89	76.64
ANKER	POLESWORTH	SK26290342	UT	11/10/89	87.17

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
ANSTON BK.	ANSTON STONES WOOD	SK53808280	LT	23/08/89	6.54
ANSTON BK.	ANSTON STONES WOOD	SK53808280	LT	15/09/89	5.48
ANSTON BK.	LINDRICK DALE	SK54008240	LT	19/07/89	13.48
ANSTON BK.	LINDRICK DALE	SK54008240	LT	19/07/89	4.67
ARROW	ALCESTER	SP09205780	LS	19/07/89	44.41
ARROW	ALCESTER	SP09105780	LS	25/08/89	35.78
ARROW	ALVECHURCH U/S WRW	SP03307180	LS	19/07/89	3.63
ARROW	ALVECHURCH U/S WRW	SP03307220	LS	26/07/89	3.54
ARROW	ALVECHURCH U/S WRW	SP03307180	LS	25/08/89	3.53
ARROW	BROOM	SP08715330	LS	09/05/89	132.45
ARROW	BROOM	SP08715330	LS	16/06/89	92.62
ARROW	BROOM	SP08715330	LS	27/06/89	162.43
ARROW	BROOM	SP08705330	LS	26/07/89	60.31
ARROW	BROOM	SP08705330	LS	03/08/89	63.85
ARROW	BROOM	SP08705330	LS	25/08/89	54.06
ARROW	BROOM	SP08705370	LS	17/10/89	81.87
ARROW	REDDITCH	SP06606540	LS	19/07/89	17.71
ARROW	REDDITCH D/S IPSLEY	SP06506550	LS	25/08/89	15.11
ARROW	REDDITCH IPSLEY	SP06106640	LS	26/07/89	13.39
ARROW	STUDLEY	SP07636400	LS	11/05/89	25.49
ARROW	STUDLEY	SP07506370	LS	14/07/89	21.08
ARROW	STUDLEY	SP07506370	LS	19/07/89	17.54
ARROW	STUDLEY	SP07506370	LS	26/07/89	16.07
ARROW	STUDLEY	SP07636400	LS	10/08/89	61.69
ARROW	STUDLEY	SP07606400	LS	25/08/89	16.36
ARROW	STUDLEY	SP07636400	LS	21/09/89	18.19
ASTLEY BK.	BROUGHTON ASTLEY	SK52509260	LT	03/08/89	3.02
ASTLEY BK.	BROUGHTON ASTLEY	SK52509260	LT	12/09/89	2.38
AVON	BREDON	S092113720	LS	07/07/89	508.38
AVON	BREDON	S092103730	LS	26/07/89	298.25
AVON	BREDON	S092203740	LS	10/10/89	528.52
AVON	BROWNSOVER D/S WKS.	SP51307640	LS	25/07/89	6.83
AVON	BROWNSOVER D/S WKS.	SP51307640	LS	24/08/89	1.18
AVON	BROWNSOVER U/S WKS.	SP52207650	LS	25/07/89	6.91
AVON	BROWNSOVER U/S WKS.	SP52307660	LS	24/08/89	6.00
AVON	EVESHAM	SP04004380	LS	18/07/89	367.29
AVON	EVESHAM	SP04004380	LS	26/07/89	476.58
AVON	EVESHAM	SP04004380	LS	02/08/89	376.19
AVON	EVESHAM	SP04004380	LS	25/08/89	380.01
AVON	HAMPTON PARKS	SP03304470	LS	18/07/89	375.93
AVON	HAMPTON PARKS	SP03304470	LS	26/07/89	483.49
AVON	HAMPTON PARKS	SP03304470	LS	02/08/89	382.23
AVON	HAMPTON PARKS	SP03304470	LS	25/08/89	386.05
AVON	LILBOURNE	SP56307780	LS	25/07/89	3.28
AVON	LILBOURNE	SP56307780	LS	24/08/89	3.11
AVON	LITTLE LAWFORD	SP46907710	LS	25/07/89	34.99
AVON	LITTLE LAWFORD	SP46907710	LS	24/08/89	24.68
AVON	NORTH KILWORTH	SP62008200	LS	25/07/89	5.10
AVON	NORTH KILWORTH	SP62008200	LS	24/08/89	7.26
AVON	RUGBY	SP50307650	LS	12/05/89	97.63
AVON	RUGBY	SP50207620	LS	23/06/89	13.48
AVON	RUGBY	SP50107630	LS	13/07/89	26.87
AVON	RUGBY	SP50207760	LS	25/07/89	10.02

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
AVON	RUGBY	SP50207760	LS	24/08/89	10.93
AVON	RUGBY	SP50107630	LS	20/09/89	20.18
AVON	RUGBY	SP50107630	LS	28/09/89	16.78
AVON	RYTON BRIDGE	SP36807530	LS	25/07/89	46.05
AVON	RYTON BRIDGE	SP36807530	LS	24/08/89	39.63
AVON	STARETON	SP33267156	LS	26/06/89	37.41
AVON	STARETON	SP33267156	LS	11/07/89	80.52
AVON	STARETON	SP33307160	LS	25/07/89	35.77
AVON	STARETON	SP33307160	LS	24/08/89	34.90
AVON	STARETON	SP33307160	LS	27/10/89	53.99
AVON	STARETON	SP33307160	LS	27/10/89	60.33
AVON	WARWICK	SP29906530	LS	18/07/89	263.43
AVON	WARWICK	SP29906530	LS	25/07/89	145.41
BACK BK.	EUXLEY	SJ78101810	US	08/08/89	8.21
BACK BK.	EUXLEY	SJ78051810	US	12/09/89	9.51
BADSEY BK.	OFFENHAM	SP06404490	LS	17/05/89	12.96
BADSEY BK.	OFFENHAM	SP06404490	LS	06/06/89	12.10
BADSEY BK.	OFFENHAM	SP06404490	LS	13/06/89	10.37
BADSEY BK.	OFFENHAM	SP06404490	LS	05/07/89	6.57
BADSEY BK.	OFFENHAM	SP06304490	LS	19/07/89	8.64
BADSEY BK.	OFFENHAM	SP06304490	LS	26/07/89	4.67
BADSEY BK.	OFFENHAM	SP06304470	LS	11/08/89	7.52
BADSEY BK.	OFFENHAM	SP06304470	LS	18/08/89	7.26
BADSEY BK.	OFFENHAM	SP06304490	LS	25/08/89	7.34
BADSEY BK.	OFFENHAM	SP06304490	LS	30/08/89	7.10
BADSEY BK.	OFFENHAM	SP06404490	LS	14/09/89	10.82
BADSEY BK.	OFFENHAM	SP06304490	LS	27/09/89	8.29
BAR BK.	BASLOW	SK25807215	LT	27/06/89	6.91
BAR BK.	BASLOW	SK25907210	LT	26/07/89	6.31
BAR BK.	BASLOW	SK26007210	LT	08/09/89	5.52
BAR BK.	BASLOW	SK25807215	LT	28/09/89	4.60
BAR BK.	BASLOW	SK25907210	LT	18/10/89	3.00
BATTLEFIELD BK.	BROMSGROVE U/S WRW	SO96106940	US	07/08/89	1.19
BECHAN BK.	ABERCHAN	SO14009385	US	05/10/89	0.84
BENTLEY BK.	MATLOCK	SK30105980	LT	26/06/89	8.81
BENTLEY BK.	MATLOCK	SK30105980	LT	27/06/89	10.11
BENTLEY BK.	MATLOCK	SK30105980	LT	25/07/89	5.96
BENTLEY BK.	MATLOCK	SK30135980	LT	26/07/89	6.13
BENTLEY BK.	MATLOCK	SK30105980	LT	08/09/89	6.76
BENTLEY BK.	MATLOCK	SK30206000	LT	28/09/89	7.01
BENTLEY BK.	MATLOCK	SK30155980	LT	18/10/89	5.28
BEVERCOTES DYKE	BEVERCOTES	SK69907280	LT	18/07/89	0.00
BIDDULPHS POOL BK.	CHASE TERRACE	SK03150968	UT	17/07/89	0.00
BLACK BK.	SHENSTONE	SK11450490	UT	19/06/89	22.81
BLACK BK.	SHENSTONE	SK11550490	UT	23/08/89	13.03
BLACKBROOK	ONE BARROW	SK46601700	LT	04/08/89	0.78
BLACKBROOK	ONE BARROW	SK46601700	LT	13/09/89	0.79
BLACKBROOK	SHEPSHED	SK48802080	LT	04/08/89	10.80
BLACKBROOK	SHEPSHED	SK48802080	LT	13/09/89	7.82
BLITHE	HAMSTALL RIDWARE	SK10901910	UT	26/07/89	38.63
BLITHE	NEWTON HURST	SK04852590	UT	26/07/89	11.73
BLITHE	UPPER LEIGH	SK00653615	UT	26/07/89	7.68
BLYTHE	BARSTON	SP20107750	UT	23/08/89	5.01

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
BLYTHE	CASTLE FARM	SP21258875	UT	17/05/89	44.41
BLYTHE	CASTLE FARM	SP21258875	UT	23/06/89	36.20
BLYTHE	CASTLE FARM	SP21258875	UT	03/07/89	45.19
BLYTHE	CASTLE FARM	SP21258875	UT	13/07/89	40.26
BLYTHE	CASTLE FARM	SP21258875	UT	07/08/89	29.49
BLYTHE	CASTLE FARM	SP21258875	UT	17/08/89	35.87
BLYTHE	CASTLE FARM	SP21258875	UT	23/08/89	33.70
BLYTHE	CASTLE FARM	SP21258875	UT	25/09/89	32.31
BLYTHE	CASTLE FARM	SP21258875	UT	05/10/89	31.66
BLYTHE	CASTLE FARM	SP21258875	UT	18/10/89	29.39
BLYTHE	CHESWICK GREEN	SP12707540	UT	23/08/89	1.12
BLYTHE	PATRICK BRIDGE	SP21508130	UT	23/08/89	32.40
BLYTHE	WHITACRE	SP21129100	UT	17/05/89	32.14
BLYTHE	WHITACRE	SP21129100	UT	23/06/89	27.73
BLYTHE	WHITACRE	SP21129100	UT	03/07/89	28.94
BLYTHE	WHITACRE	SP21129100	UT	13/07/89	25.14
BLYTHE	WHITACRE	SP21129100	UT	07/08/89	23.55
BLYTHE	WHITACRE	SP21129100	UT	17/08/89	25.44
BLYTHE	WHITACRE	SP21209100	UT	23/08/89	24.28
BLYTHE	WHITACRE	SP21129100	UT	25/09/89	16.99
BLYTHE	WHITACRE	SP21129100	UT	05/10/89	27.14
BLYTHE	WHITACRE	SP21129100	UT	18/10/89	23.66
BOLE BK.	HIGHLEY	SO73808210	LS	06/10/89	3.76
BONDHAY BK.	BONDHAY FARM D/S	SK51757915	LT	09/05/89	3.02
BONDHAY BK.	BONDHAY FARM D/S	SK51757915	LT	12/06/89	0.52
BONDHAY BK.	BONDHAY FARM D/S	SK51757915	LT	19/06/89	0.86
BONDHAY BK.	BONDHAY FARM D/S	SK51757915	LT	04/07/89	1.04
BONDHAY BK.	BONDHAY FARM U/S	SK51507945	LT	09/05/89	3.54
BONDHAY BK.	BONDHAY FARM U/S	SK51507945	LT	12/06/89	1.38
BONDHAY BK.	BONDHAY FARM U/S	SK51507945	LT	19/06/89	1.12
BONDHAY BK.	BONDHAY FARM U/S	SK51507945	LT	04/07/89	0.86
BORLE BK.	BORLE MILL NETHERTON	SO73308265	US	02/08/89	6.13
BOSCOMBE BK.	PENKRIDGE	SJ92301425	UT	05/07/89	4.41
BOSCOMBE BK.	PENKRIDGE	SJ92301425	UT	18/07/89	5.53
BOTTESLOW BK.	FENTON RD. BERRY HILL	SJ90104688	UT	27/07/89	2.14
BOTTLE BK.	LITTLE EATON	SK36404150	LT	26/06/89	8.73
BOTTLE BK.	LITTLE EATON	SK36404150	LT	25/07/89	8.21
BOTTLE BK.	LITTLE EATON	SK36404150	LT	07/09/89	7.26
BOTTLE BK.	LITTLE EATON	SK36404150	LT	27/09/89	7.34
BOTTLE BK.	LITTLE EATON	SK36004150	LT	17/10/89	9.11
BOURN BK.	COLTON	SK04722029	UT	26/07/89	3.19
BOURNE BK.	HANCH RES.	SK10521378	UT	26/07/89	4.84
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	22/06/89	13.13
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	28/06/89	19.61
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	17/07/89	14.95
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	24/07/89	13.48
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	07/08/89	22.29
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	14/08/89	17.11
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	21/08/89	15.12
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	05/09/89	12.79
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	19/09/89	21.50
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	27/09/89	19.80
BOURNE BK.	HINTS HALL BRIDGE	SK16080262	UT	06/10/89	20.01

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUING	DISCHARGE Ml/d
BOURNE BK.	WHITACRE	SP21709140	UT	23/08/89	2.42
BOW BK.	BESFORD BRIDGE	SO92804620	LS	17/05/89	21.60
BOW BK.	BESFORD BRIDGE	SO92804620	LS	06/06/89	18.66
BOW BK.	BESFORD BRIDGE	SO92804620	LS	13/06/89	16.42
BOW BK.	BESFORD BRIDGE	SO92804620	LS	07/07/89	12.79
BOW BK.	BESFORD BRIDGE	SO92704630	LS	20/07/89	9.07
BOW BK.	BESFORD BRIDGE	SO92704630	LS	26/07/89	5.27
BOW BK.	BESFORD BRIDGE	SO92704630	LS	25/08/89	8.41
BOW BK.	BESFORD BRIDGE	SO92704630	LS	06/09/89	9.31
BOW BK.	BESFORD BRIDGE	SO92504650	LS	03/10/89	7.53
BOW BK.	BRANDON BK U/S	SP00706040	LS	23/10/89	10.02
BOW BK.	BUNKERS HOLE	SP01706280	LS	07/08/89	1.30
BOW BK.	BUNKERS HOLE	SP01706280	LS	25/08/89	1.64
BOW BK.	BUNKERS HOLE	SP01706280	LS	01/09/89	1.47
BOW BK.	BUNKERS HOLE	SP01706280	LS	23/10/89	4.86
BOW BK.	FECKENHAM	SP00506100	LS	01/09/89	2.51
BOW BK.	HAM GREEN	SP01406380	LS	07/08/89	0.52
BOW BK.	HAM GREEN	SP01406380	LS	25/08/89	1.04
BOW BK.	HAM GREEN	SP01406380	LS	23/10/89	3.14
BOW BK.	PRIEST BDGE	SO98905990	LS	19/07/89	4.32
BOW BK.	PRIEST BDGE	SO99005990	LS	26/07/89	5.18
BOW BK.	PRIEST BDGE D/S WRW	SO99105990	LS	07/08/89	3.28
BOW BK.	PRIEST BDGE D/S WRW	SO99505980	LS	25/08/89	3.80
BOW BK.	PRIEST BDGE U/S WRW	SO99105990	LS	07/08/89	1.90
BOW BK.	PRIEST BDGE U/S WRW	SO99505980	LS	25/08/89	2.51
BOW BK.	SHELL	SO95105970	LS	19/07/89	7.86
BOW BK.	SHELL	SO95109560	LS	26/07/89	5.62
BOW BK.	SHELL	SO95105960	LS	25/08/89	7.02
BOW BK. (TRIB.LB)	ASTWOOD COURT	SP02906200	LS	23/10/89	1.13
BOW BK. (TRIB.LB)	BUNKERS HOLE	SP02206280	LS	23/10/89	1.27
BOW BK. (TRIB.LB)	HUNTEND	SP03306390	LS	23/10/89	0.88
BOW BK. (TRIB.LB)	NORGROVE COURT	SP00606530	LS	07/08/89	0.00
BOW BK. (TRIB.LB)	NORGROVE COURT	SP00706540	LS	23/10/89	0.32
BRADBOURNE BK.	CALLOW	SK17224688	UT	19/07/89	18.25
BRADBOURNE BK.	CALLOW	SK17224688	UT	08/08/89	15.30
BRADBOURNE BK.	CALLOW	SK17224688	UT	13/09/89	11.72
BRADBOURNE BK.	CALLOW	SK17224688	UT	06/10/89	8.09
BRADFORD	YOULGREAVE	SK20906400	LT	23/06/89	14.52
BRADFORD	YOULGREAVE	SK20906400	LT	26/07/89	7.55
BRADFORD	YOULGREAVE	SK20906400	LT	08/09/89	0.99
BRADFORD	YOULGREAVE	SK20906400	LT	28/09/89	2.10
BRADFORD	YOULGREAVE	SK20906400	LT	18/10/89	1.14
BRAILSFORD BK.	ARDSLEY	SK22443805	UT	19/07/89	12.12
BRAILSFORD BK.	ARDSLEY	SK22443805	UT	08/08/89	8.00
BRAILSFORD BK.	ARDSLEY	SK22443805	UT	13/09/89	9.95
BRAILSFORD BK.	ARDSLEY	SK22443805	UT	06/10/89	5.51
BRANDON BK.	ASTWOOD COURT	SP02906210	LS	07/08/89	0.52
BRANDON BK.	BOW BK. U/S CONFL	SP00706020	LS	07/08/89	0.86
BRANDON BK.	BOW BK. U/S CONFL	SP00706010	LS	25/08/89	0.60
BRANDON BK.	BOW BK. U/S CONFL	SP00706020	LS	23/10/89	5.00
BRANDON BK.	SHURNOCK COURT B4090	SP02806090	LS	07/08/89	0.35
BRANDON BK.	SHURNOCK COURT B4090	SP02806090	LS	23/10/89	0.95
BRANDON BK. (TRIB.RB) B4090		SP02006110	LS	07/08/89	0.60

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
BRANDON BK. (TRIB. RB) B4090		SP02006100	LS	23/10/89	1.61
BRANDON BK. (TRIB. RB) BUNKERS HOLE		SP02206270	LS	07/08/89	0.52
BRANDON BK. (TRIB. RB) HUNT END		SP03406380	LS	07/08/89	0.35
BREEDON BK.	BREEDON	SK41102320	LT	07/08/89	0.00
BREWOD BK.	BREWOD	SJ88750870	UT	05/07/89	1.56
BREWOD BK.	BREWOD	SJ88750870	UT	18/07/89	1.52
BROCKTON BK.	BROCKTON	SJ82203125	UT	05/07/89	2.33
BROCKTON BK.	BROCKTON	SJ82203125	UT	18/07/89	1.99
BYNE BK (D/S QUINNEY) STREETFORD		SO44408560	US	03/08/89	4.35
CAEBITRA BK.	SARN	SO20659050	US	19/09/89	0.20
CAM	CAMBRIDGE	SO75200350	LS	27/07/89	14.29
CAM	CAMBRIDGE	SO75000380	LS	08/08/89	11.17
CAM	CAMBRIDGE	SO75200350	LS	01/09/89	12.09
CAM	CAMBRIDGE	SO75000380	LS	12/09/89	10.45
CAM	CAMBRIDGE	SO75000380	LS	11/10/89	11.33
CAM	COALEY JUNCTION	SO75400210	LS	01/09/89	8.88
CAM	DANIELS U/S	SO75100040	LS	01/09/89	10.64
CAM	LISTERS U/S	ST76109810	LS	01/09/89	3.90
CAM	ROCKSTOWES	ST77509770	LS	01/09/89	1.96
CAM	WATEREND FARM	SO75900270	LS	01/09/89	11.47
CAM WEIR BYPASS	CAMBRIDGE	SO75000380	LS	12/09/89	0.76
CANAL FEEDER	CARREGHOFA HALL	SJ25302160	US	11/07/89	7.00
CANAL FEEDER	PENARTH WEIR	SJ25302160	US	11/07/89	16.16
CANAL FEEDER	PENARTH WEIR	SO13959256	US	20/07/89	18.48
CANAL FEEDER	PENARTH WEIR	SO13959256	US	26/08/89	20.30
CANAL FEEDER	PENARTH WEIR	SO13959256	US	29/09/89	16.74
CANAL FEEDER	PENARTH WEIR	SO13909270	US	05/10/89	21.89
CAREYS BK.	BASTONFORD	SO80900510	LS	23/06/89	0.78
CAREYS BK.	BASTONFORD	SO81205160	LS	14/07/89	1.04
CAREYS BK.	BASTONFORD	SO81205060	LS	08/08/89	0.35
CAREYS BK.	POWICK	SO83305070	LS	27/07/89	0.17
CAREYS BK.	POWICK	SO83305070	LS	08/08/89	0.78
CAREYS BK.	POWICK	SO83305070	LS	12/09/89	3.51
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	23/06/89	0.35
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	14/07/89	0.00
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	14/07/89	0.05
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	14/07/89	0.26
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	14/07/89	0.00
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	14/07/89	0.07
CAREYS BK. (TRIB)	INTERFIELD	SO77804990	LS	08/08/89	0.00
CAREYS BK. (TRIB)	LEIGH SINTON	SO77905010	LS	23/06/89	0.00
CAREYS BK. (TRIB)	LEIGH SINTON	SO77905010	LS	14/07/89	0.26
CAREYS BK. (TRIB)	LEIGH SINTON	SO77905010	LS	08/08/89	0.00
CARNO	CAERSWS	SO02609180	US	05/10/89	1.52
CARR DYKE	ELSTON	SK77404840	LT	08/08/89	6.22
CARR DYKE	ELSTON	SK76904670	LT	11/09/89	7.45
CARRANT BK.	MOTORWAY CULVERT	SP91803480	LS	19/07/89	3.63
CARRANT BK.	TEWKESBURY	SO89603300	LS	26/07/89	2.42
CARRANT BK.	TEWKESBURY	SO89603300	LS	25/08/89	2.68
CARRANT BK.	TEWKESBURY	SO89603300	LS	10/10/89	4.79
CHATCULL BK.	STANDON	SJ80703460	UT	05/07/89	2.42
CHATCULL BK.	STANDON	SJ80703460	UT	18/07/89	2.07
CHELT	SANDFORD	SO95402150	LS	27/07/89	7.15

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
CHELT	SANDFORD	S095402150	LS	08/08/89	2.85
CHELT	SANDFORD	S095402150	LS	12/09/89	1.79
CHELT	SLATE MILL	S089202640	LS	08/08/89	0.00
CHELT	SLATE MILL	S089202640	LS	12/09/89	29.94
CHELT	SLATE MILL	S089202640	LS	11/10/89	17.66
CHELT	WITHY BRIDGE	S090402460	LS	27/07/89	3.77
CHELT	WITHY BRIDGE	S090402460	LS	08/08/89	3.02
CHELT	WITHY BRIDGE	S090402460	LS	12/09/89	4.30
CHURCH EATON BK.	MITTON	SJ88541528	UT	05/07/89	7.60
CHURCH EATON BK.	MITTON	SJ88541528	UT	18/07/89	5.88
CHURNET	ALTON	SK07164255	UT	20/07/89	118.70
CHURNET	ALTON	SK07164255	UT	08/08/89	89.98
CHURNET	ALTON	SK07164255	UT	12/09/89	84.34
CHURNET	ALTON	SK07164225	UT	28/09/89	80.08
CHURNET	ALTON	SK07164255	UT	06/10/89	82.06
CHURNET	BASFORD BRIDGE	SJ98305190	UT	12/06/89	57.80
CHURNET	BASFORD BRIDGE	SJ98305190	UT	27/06/89	213.32
CHURNET	BASFORD BRIDGE	SJ98305190	UT	20/07/89	52.44
CHURNET	BASFORD BRIDGE	SJ98305190	UT	08/08/89	47.17
CHURNET	BASFORD BRIDGE	SJ98305190	UT	17/08/89	48.28
CHURNET	BASFORD BRIDGE	SJ98305190	UT	12/09/89	46.64
CHURNET	BASFORD BRIDGE	SJ98305190	UT	28/09/89	41.02
CHURNET	BASFORD BRIDGE	SJ98305190	UT	17/10/89	46.11
CHURNET	BASFORD BRIDGE	SJ98305190	UT	26/10/89	49.27
CHURNET	BRIDGE END	SJ97265718	UT	12/09/89	12.23
CHURNET	BRIDGE END	SJ97265718	UT	28/09/89	11.73
CHURNET	BROADS BRIDGE	SJ97865716	UT	12/09/89	19.34
CHURNET	BROADS BRIDGE	SJ97865716	UT	28/09/89	14.71
CHURNET	CONSALL FORGE D/S	SK00084860	UT	12/09/89	63.23
CHURNET	CONSALL FORGE D/S	SK00084860	UT	28/09/89	48.27
CHURNET	FROGHALL	SK02684675	UT	12/09/89	54.11
CHURNET	FROGHALL	SK02684675	UT	28/09/89	53.91
CHURNET	JOSHUA WARDLE	SJ98055372	UT	12/09/89	33.33
CHURNET	JOSHUA WARDLE	SJ98055372	UT	28/09/89	32.89
CHURNET	LEEK A53 RD BRIDGE	SJ97425529	UT	20/07/89	20.83
CHURNET	LEEK A53 RD BRIDGE	SJ97425529	UT	08/08/89	23.93
CHURNET	LEEK A53 RD BRIDGE	SJ97425529	UT	12/09/89	15.65
CHURNET	LEEK A53 RD BRIDGE	SJ97425529	UT	28/09/89	12.26
CHURNET	LEEK U/S WRW	SJ97855455	UT	12/09/89	16.20
CHURNET	LEEK U/S WRW	SJ97855455	UT	28/09/89	13.96
CHURNET	OAKMOOR	SK05294440	UT	12/09/89	67.16
CHURNET	OAKMOOR	SK05294440	UT	28/09/89	66.64
CHURNET	QUIXHILL	SK10104111	UT	12/09/89	89.55
CHURNET	QUIXHILL	SK10104111	UT	28/09/89	84.09
CHURNET	ROCESTER	SK10754000	UT	19/07/89	99.95
CHURNET	ROCESTER	SK10754000	UT	09/08/89	93.83
CHURNET	ROCESTER	SK10754000	UT	12/09/89	86.51
CHURNET	ROCESTER	SK10754000	UT	28/09/89	69.78
CHURNET	ROCESTER	SK10754000	UT	05/10/89	79.55
CHURNET	ROCESTER	SK10754000	UT	27/10/89	134.83
CHURNET	ROCESTER (NEW)	SK10754000	UT	23/06/89	107.65
CHURNET	TITTESWORTH	SJ99235810	UT	20/07/89	19.48
CHURNET	TITTESWORTH	SJ99235810	UT	08/08/89	22.89

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
CHURNET	TITTESWORTH COMP.	SJ99205809	UT	12/09/89	7.79
CHURNET	TITTESWORTH COMP.	SJ99205809	UT	28/09/89	7.36
CINDERFORD BK.	CINDERFORD	S065201080	LS	13/09/89	1.43
CINDERFORD BK.	SOUDLEY	S065201080	LS	27/07/89	0.17
CINDERFORD BK.	SOUDLEY	S065201080	LS	08/08/89	1.12
CINDERFORD BK.	VALLEY RD	S065201080	LS	14/09/89	0.55
CLAY BK.	BLACKMINSTER	SP07204420	LS	19/07/89	1.56
CLAY BK.	LOWER BLACKMINSTER	SP07204420	LS	26/07/89	0.69
CLAY BK.	LOWER BLACKMINSTER	SP07204420	LS	25/08/89	0.69
CLAYCOTTON BK.	LILBOURNE	SP56807740	LS	25/07/89	1.64
CLAYCOTTON BK.	LILBOURNE	SP56807740	LS	24/08/89	1.30
CLUN	CLUN	S030008080	US	03/08/89	8.21
CLUN	CLUNUNFORD	S039307860	US	03/08/89	21.12
COAL BK.	CHIPNALL	SJ72603235	US	28/06/89	5.46
COAL BK.	CHIPNALL	SJ72603235	US	18/07/89	4.80
COALEY	CAM U/S	S076200210	LS	01/09/89	0.14
COLE	BACONS END	SP18338747	UT	16/05/89	28.43
COLE	BACONS END	SP18338747	UT	14/07/89	22.20
COLE	BACONS END	SP18338747	UT	23/08/89	14.24
COLE	BACONS END	SP18338747	UT	18/10/89	19.77
COLE	MAJORS GREEN	SP09887733	UT	23/08/89	1.30
COLE	SPRINGFIELD	SP09958208	UT	23/08/89	4.75
COLEY BK.	COLEY MILL	SJ78101930	US	08/08/89	7.17
COLEY BK.	COLEY MILL	SJ78051930	US	12/09/89	10.26
COMBES BK.	BASFORD GREEN	SJ99995152	UT	26/09/89	1.35
CORN BK.	CLEE HILL	S060317555	US	03/08/89	1.56
CORN BK.	CLEE HILL	S060307560	US	18/10/89	1.11
CORVE	CULMINGTON	S049408210	US	03/08/89	4.06
CORVE	LUDLOW	S051007540	US	04/08/89	9.62
COUND BK.	COUND	SJ55800560	US	06/10/89	9.26
COUNDMOOR BK.	VENUSBANK A458	SJ55800565	US	28/06/89	15.28
COUNTTESTHORPE BK.	COUNTTESTHORPE	SP59409580	LT	03/08/89	1.73
COUNTTESTHORPE BK.	COUNTTESTHORPE	SK54909580	LT	12/09/89	1.80
COW HONEYBOURNE BK.	OLD AIRFIELD	SP12404210	LS	13/06/89	0.60
COW HONEYBOURNE BK.	OLD AIRFIELD	SP10104320	LS	13/06/89	2.59
COW HONEYBOURNE BK.	OLD AIRFIELD	SP11804325	LS	13/06/89	0.78
CRANE BK.	CHESTERFIELD	SK10050570	UT	19/06/89	4.75
CRANE BK.	CHESTERFIELD	SP10050570	UT	23/08/89	4.30
CROW BK.	WAPPENSHALL MOOR	SJ66901540	US	08/08/89	5.22
CRUCKTON BK.	CRUCKTON	SJ43250979	US	28/06/89	4.92
CUTTLE BK.	TEMPLE RALSALL	SP20507620	UT	23/08/89	2.16
CUTTLE BK.	TEMPLE BALSALL	SP20507620	UT	23/08/89	2.07
DARKLANDS BK.	DRAKELOW	SK24522012	UT	27/07/89	9.49
DARKLANDS BK.	STANTON D/S WRW	SK26681929	UT	13/09/89	9.06
DARKLANDS BK.	STANTON U/S WRW	SK26711925	UT	26/09/89	1.01
DARLASTON BK.	PORKETS BRIDGE	S096659718	UT	22/08/89	2.53
DAWFORD BK.	GREAT CHATWELL	SJ80001440	US	08/08/89	1.30
DAWFORD BK.	GREAT CHATWELL	SJ80001430	US	12/09/89	1.14
DAWFORD BK.	LYNN BK. D/S CONFL	SJ78801620	US	08/08/89	3.20
DAWFORD BK.	STOCKTON MOORS	SJ78801630	US	12/09/89	5.11
DAY BK.	LEEN CONFL IMMED U/S	SK55204305	LT	08/08/89	2.02
DENE	WALTON HALL	SP29105080	LS	18/07/89	2.33
DENE	WALTON HALL	SP29105080	LS	25/07/89	1.21

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
DENE	WALTON HALL	SP29105080	LS	24/08/89	0.92
DENE	WELLESBOURNE	SP27305560	LS	18/07/89	7.34
DENE	WELLESBOURNE	SP34304340	LS	23/08/89	5.62
DENE	WELLESBOURNE	SP27305560	LS	24/08/89	4.96
DENE	WELLESBOURNE	SP27215558	LS	04/09/89	6.02
DENE	WELLESBOURNE	SP27215558	LS	29/09/89	6.64
DENE	WELLESBOURNE	SP27305560	LS	20/10/89	5.45
DENE	WELLESBOURNE	SP27305560	LS	20/10/89	5.88
DENE	WELLESBOURNE	SP27305560	LS	20/10/89	5.23
DENE (TRIB)	GAYDON A41	SP37405300	LS	20/10/89	0.29
DERWENT	AMBERGATE	SK33805380	LT	26/06/89	384.13
DERWENT	AMBERGATE	SK33805350	LT	25/07/89	338.60
DERWENT	AMBERGATE	SK33805350	LT	07/09/89	261.52
DERWENT	AMBERGATE	SK33805350	LT	27/09/89	282.86
DERWENT	AMBERGATE	SK33905340	LT	17/10/89	218.06
DERWENT	CHATSWORTH	SK26086839	LT	19/06/89	151.37
DERWENT	CHATSWORTH	SK26086839	LT	07/07/89	169.52
DERWENT	CHATSWORTH	SK25706580	LT	26/07/89	118.97
DERWENT	CHATSWORTH	SK26086839	LT	18/08/89	152.63
DERWENT	CHATSWORTH	SK25706580	LT	08/09/89	131.26
DERWENT	CHATSWORTH	SK26086839	LT	10/10/89	125.64
DERWENT	DARLEY ABBEY	SK35403820	LT	28/09/89	326.75
DERWENT	DERBY ST.MARYS	SK35703640	LT	09/06/89	618.62
DERWENT	DERBY ST.MARYS	SK35703640	LT	26/06/89	457.32
DERWENT	DERBY ST.MARYS	SK35353685	LT	13/07/89	349.32
DERWENT	DERBY ST.MARYS	SK35353685	LT	13/07/89	390.96
DERWENT	DERBY ST.MARYS	SK35353685	LT	21/07/89	369.15
DERWENT	DERBY ST.MARYS	SK35353685	LT	21/07/89	357.87
DERWENT	DERBY ST.MARYS	SK35403680	LT	25/07/89	370.31
DERWENT	DERBY ST.MARYS	SK35403690	LT	09/08/89	337.39
DERWENT	DERBY ST.MARYS	SK36953530	LT	25/08/89	325.46
DERWENT	DERBY ST.MARYS	SK35403660	LT	07/09/89	304.36
DERWENT	DERBY ST.MARYS	SK35403660	LT	27/09/89	333.16
DERWENT	DERBY ST.MARYS	SK35903620	LT	28/09/89	341.81
DERWENT	DERBY ST.MARYS	SK35403670	LT	10/10/89	290.17
DERWENT	DERBY ST.MARYS	SK35403670	LT	17/10/89	285.11
DERWENT	DRAYCOTT	SK44503350	LT	26/06/89	436.67
DERWENT	DRAYCOTT	SK44303273	LT	25/07/89	392.00
DERWENT	DRAYCOTT	SK44303270	LT	07/09/89	427.46
DERWENT	DRAYCOTT	SK44303273	LT	27/09/89	427.20
DERWENT	DRAYCOTT	SK44203280	LT	10/10/89	470.47
DERWENT	DRAYCOTT	SK44303273	LT	17/10/89	358.84
DERWENT	DUFFIELD	SK35104355	LT	26/06/89	550.02
DERWENT	DUFFIELD	SK35104360	LT	25/07/89	465.87
DERWENT	DUFFIELD	SK35104360	LT	07/09/89	389.25
DERWENT	DUFFIELD	SK35104360	LT	27/09/89	421.13
DERWENT	DUFFIELD	SK35104360	LT	17/10/89	331.20
DERWENT	MATLOCK BATH	SK29665864	LT	19/06/89	398.04
DERWENT	MATLOCK BATH	SK29605860	LT	26/06/89	350.78
DERWENT	MATLOCK BATH	SK29705840	LT	27/06/89	407.98
DERWENT	MATLOCK BATH	SK29665864	LT	07/07/89	415.67
DERWENT	MATLOCK BATH	SK29665864	LT	25/07/89	335.66
DERWENT	MATLOCK BATH	SK29705840	LT	26/07/89	329.53

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
DERWENT	MATLOCK BATH	SK29665864	LT	15/08/89	339.38
DERWENT	MATLOCK BATH	SK29705860	LT	07/09/89	293.03
DERWENT	MATLOCK BATH	SK29705860	LT	08/09/89	309.59
DERWENT	MATLOCK BATH	SK29665864	LT	27/09/89	276.75
DERWENT	MATLOCK BATH	SK29605845	LT	28/09/89	287.96
DERWENT	MATLOCK BATH	SK29605900	LT	10/10/89	239.54
DERWENT	MATLOCK BATH	SK29665864	LT	17/10/89	248.96
DERWENT	MATLOCK BATH	SK29705840	LT	18/10/89	237.28
DERWENT	ROWSLEY	SK25906570	LT	27/06/89	144.20
DERWENT	ROWSLEY	SK25906570	LT	28/09/89	123.62
DERWENT	ROWSLEY	SK25856580	LT	18/10/89	104.54
DERWENT	SLIPPERY STONES	SK16909520	LT	08/05/89	16.42
DERWENT	SLIPPERY STONES	SK16909520	LT	12/06/89	10.89
DERWENT	SLIPPERY STONES	SK16909520	LT	02/10/89	5.49
DERWENT	WHATSTANDWELL	SK33105440	LT	26/06/89	419.13
DERWENT	YORKSHIRE BRIDGE EST	SK19808510	LT	09/06/89	20.56
DERWENT	YORKSHIRE BRIDGE EST	SK19808510	LT	27/06/89	20.22
DERWENT	YORKSHIRE BRIDGE EST	SK19808510	LT	26/07/89	20.22
DERWENT	YORKSHIRE BRIDGE EST	SK19808510	LT	10/10/89	26.30
DERWENT	YORKSHIRE BRIDGE EST	SK19808510	LT	18/10/89	26.85
DERWENT	YORKSHIRE BRIDGE WST	SK19808510	LT	09/06/89	19.61
DERWENT	YORKSHIRE BRIDGE WST	SK19808510	LT	27/06/89	20.13
DERWENT	YORKSHIRE BRIDGE WST	SK19808510	LT	26/07/89	20.22
DERWENT	YORKSHIRE BRIDGE WST	SK19808510	LT	10/10/89	27.52
DERWENT	YORKSHIRE BRIDGE WST	SK19808510	LT	18/10/89	27.26
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	09/06/89	40.17
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	27/06/89	40.35
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	26/07/89	40.44
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	08/09/89	69.83
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	28/09/89	67.63
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	10/10/89	53.82
DERWENT TOTAL FLOW	YORKSHIRE BRIDGE	SK19808510	LT	18/10/89	54.10
DEVON	BOTTESFORD	SK80603900	LT	08/08/89	1.73
DEVON	BOTTESFORD	SK81203890	LT	11/09/89	1.51
DEVON	WENSOR BRIDGE	SK78654575	LT	21/06/89	24.62
DEVON	WENSOR BRIDGE	SK78654575	LT	28/06/89	37.24
DEVON	WENSOR BRIDGE	SK78654575	LT	10/07/89	18.66
DEVON	WENSOR BRIDGE	SK78654575	LT	17/07/89	12.96
DEVON	WENSOR BRIDGE	SK78654575	LT	24/07/89	11.49
DEVON	WENSOR BRIDGE	SK78654575	LT	02/08/89	18.06
DEVON	WENSOR BRIDGE	SK78704560	LT	08/08/89	11.23
DEVON	WENSOR BRIDGE	SK78654575	LT	16/08/89	12.79
DEVON	WENSOR BRIDGE	SK78704570	LT	22/08/89	9.24
DEVON	WENSOR BRIDGE	SK78654575	LT	04/09/89	9.59
DEVON	WENSOR BRIDGE	SK78654575	LT	11/09/89	12.10
DEVON	WENSOR BRIDGE	SK78654575	LT	20/09/89	17.04
DEVON	WENSOR BRIDGE	SK78654575	LT	26/09/89	9.59
DEVON	WENSOR BRIDGE	SK78654575	LT	05/10/89	10.21
DEVON	WENSOR BRIDGE	SK78654575	LT	10/10/89	10.04
DEVON	WENSOR BRIDGE	SK78654575	LT	24/10/89	24.43
DEVON	WOOLSTHORPE	SK83603420	LT	08/08/89	1.99
DEVON	WOOLSTHORPE	SK83503440	LT	11/09/89	1.69
DIMORE BK.	QUEDGELEY	SO80001390	LS	27/07/89	0.13

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
DIMORE BK.	QUEDGELEY	SO80001390	LS	12/09/89	0.09
DINGLE BK.	COWHAY WOOD	SJ96195640	UT	12/09/89	3.21
DINGLE BK.	COWHAY WOOD	SJ96195640	UT	28/09/89	2.38
DOLEY BK.	GNOSALL	SJ82812054	UT	26/05/89	10.71
DOLEY BK.	GNOSALL	SJ82812054	UT	19/06/89	0.60
DOLEY BK.	GNOSALL	SJ82792052	UT	05/07/89	0.43
DOLEY BK.	GNOSALL	SJ82792052	UT	18/07/89	0.30
DOVE	EGGINTON	SK26862705	UT	20/07/89	264.04
DOVE	EGGINTON	SK26862705	UT	08/08/89	195.96
DOVE	EGGINTON	SK26862705	UT	25/08/89	82.30
DOVE	EGGINTON	SK26862705	UT	13/09/89	248.58
DOVE	EGGINTON	SK26862705	UT	22/09/89	202.89
DOVE	EGGINTON	SK26862705	UT	05/10/89	143.60
DOVE	HARTINGTON	SK12056005	UT	19/07/89	21.25
DOVE	HARTINGTON	SK12125972	UT	08/08/89	12.49
DOVE	HARTINGTON	SK12056005	UT	13/09/89	7.92
DOVE	HARTINGTON	SK12056005	UT	06/10/89	6.56
DOVE	HOLLINSCLOUGH	SK06306680	UT	19/07/89	4.04
DOVE	HOLLINSCLOUGH	SK06306680	UT	08/08/89	2.90
DOVE	HOLLINSCLOUGH	SK06306680	UT	13/09/89	2.12
DOVE	HOLLINSCLOUGH	SK06306680	UT	06/10/89	2.57
DOVE	IZAACK WALTON	SK14715092	UT	19/07/89	70.83
DOVE	IZAACK WALTON	SK14715092	UT	08/08/89	51.74
DOVE	IZAACK WALTON	SK14715092	UT	14/09/89	46.47
DOVE	IZAACK WALTON	SK14715092	UT	06/10/89	42.62
DOVE	MARSTON	SK23612888	UT	19/05/89	609.38
DOVE	MARSTON	SK23612888	UT	30/06/89	496.97
DOVE	MARSTON	SK23612888	UT	20/07/89	378.60
DOVE	MARSTON	SK23612888	UT	08/08/89	318.84
DOVE	MARSTON	SK23612888	UT	25/08/89	310.76
DOVE	MARSTON	SK23612888	UT	05/09/89	291.31
DOVE	MARSTON	SK23612888	UT	13/09/89	298.81
DOVE	MARSTON	SK23612888	UT	22/09/89	293.34
DOVE	MARSTON	SK23612888	UT	05/10/89	274.45
DOVE	ROCESTER	SK11253970	UT	23/06/89	233.63
DOVE	ROCESTER	SK11253970	UT	19/07/89	197.52
DOVE	ROCESTER	SK11253970	UT	09/08/89	132.67
DOVE	ROCESTER	SK11253970	UT	13/09/89	125.10
DOVE	ROCESTER	SK11253970	UT	05/10/89	121.36
DOVE	ROCESTER	SK11253970	UT	27/10/89	224.99
DOVER BECK	CAYTHORPE	SK68604560	LT	25/08/89	4.39
DOVER BECK	LOWDHAM	SK65271798	LT	10/06/89	11.32
DOVER BECK	LOWDHAM	SK65274798	LT	08/08/89	3.28
DOVER BECK	LOWDHAM	SK65104780	LT	25/08/89	4.11
DOVER BECK	LOWDHAM	SK65274798	LT	05/10/89	1.51
DOXEY BK.	DOXEY BRIDGE	SJ89852375	UT	05/07/89	5.01
DOXEY BK.	DOXEY BRIDGE	SJ89852375	UT	18/07/89	3.89
DULKIN BK.	UPPER	ST75609970	LS	01/09/89	0.00
EBLEY BK.	GNOSALL	SJ82812054	UT	26/06/89	0.43
ECCLESBOURNE	IDRIDGEHAY	SK29004890	LT	26/06/89	5.62
ECCLESBOURNE	IDRIDGEHAY	SK29004890	LT	25/07/89	4.03
ECCLESBOURNE	IDRIDGEHAY	SK29004870	LT	07/09/89	3.23
ECCLESBOURNE	IDRIDGEHAY	SK29004890	LT	27/09/89	3.40

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
ECCLESBOURNE	IDRIDGEHAY	SK29004890	LT	17/10/89	3.07
ECCLESBOURNE	PUSS IN BOOTS	SK32004470	LT	26/06/89	11.66
ECCLESBOURNE	PUSS IN BOOTS	SK32004470	LT	25/07/89	9.57
ECCLESBOURNE	PUSS IN BOOTS	SK32004470	LT	07/09/89	8.93
ECCLESBOURNE	PUSS IN BOOTS	SK32004470	LT	27/09/89	9.63
ECCLESBOURNE	PUSS IN BOOTS	SK32004470	LT	17/10/89	8.66
EDSTONE BK.	HERMITAGE BRIDGE	SP16906120	LS	19/07/89	3.54
EDSTONE BK.	HERMITAGE BRIDGE	SP16906120	LS	26/07/89	0.09
EDSTONE BK.	HERMITAGE BRIDGE	SP16806130	LS	25/08/89	3.34
EGGINTON BK.	EGGINTON	SK26403160	UT	27/07/89	4.52
EGGINTON BK.	EGGINTON	SK26902860	UT	07/08/89	3.89
ELL BK.	CLEEVE MILL	SO73202620	LS	27/07/89	1.64
ELL BK.	CLEEVE MILL	SO73202620	LS	08/08/89	2.16
ELL BK.	CLEEVE MILL	SO73202620	LS	12/09/89	3.66
ENDON BK.	WALLGRANGE	SJ96595355	UT	20/07/89	5.52
ENDON BK.	WALLGRANGE	SJ96595355	UT	08/08/89	5.85
ENDON BK.	WALLGRANGE	SJ96595355	UT	12/09/89	10.07
ENDON BK.	WALLGRANGE	SJ96595355	UT	28/09/89	6.38
EREWASH	GILTBROOK U/S WRW	SK46304550	LT	08/08/89	15.38
EREWASH	GILTBROOK U/S WRW	SK46304550	LT	11/09/89	14.47
EREWASH	GILTBROOK U/S WRW	SK46304540	LT	16/10/89	18.98
EREWASH	HALLAM FIELDS U/S	SK47704050	LT	08/08/89	37.76
EREWASH	HALLAM FIELDS U/S	SK47704050	LT	11/09/89	30.39
EREWASH	ILKESTON	SK47334245	LT	16/10/89	25.18
EREWASH	JACKSDALE	SK44355147	LT	16/10/89	15.71
EREWASH	KIRKBY U/S WRW	SK49005490	LT	08/08/89	1.04
EREWASH	KIRKBY U/S WRW	SK49005490	LT	11/09/89	0.92
EREWASH	KIRKBY U/S WRW	SK49055490	LT	16/10/89	0.86
EREWASH	MILNHAY U/S WRW	SK45704660	LT	08/08/89	3.97
EREWASH	MILNHAY U/S WRW	SK45804660	LT	11/09/89	4.22
EREWASH	MILNHAY U/S WRW	SK45494660	LT	16/10/89	5.64
EREWASH	PINKTON KIRKBY PK FM	SK46435470	LT	16/10/89	12.10
EREWASH	PINKTON U/S WRW	SK45605440	LT	08/08/89	6.83
EREWASH	PINKTON U/S WRW	SK45605440	LT	11/09/89	9.40
EREWASH	PYE BRIDGE	SK44715280	LT	16/10/89	14.16
EREWASH	PYE BRIDGE D/S ST/FD	SK44704960	LT	08/08/89	24.80
EREWASH	PYE BRIDGE D/S ST/FD	SK44704960	LT	11/09/89	17.88
EREWASH	STANTON GATE	SK48403860	LT	16/10/89	45.89
EREWASH	TOTON	SK50253422	LT	11/09/89	59.43
EREWASH	TOTON	SK50253422	LT	16/10/89	39.33
EREWASH	TOTON U/S WRW OUTFLO	SK50753360	LT	08/08/89	54.90
EREWASH	TROWELL	SK47764050	LT	16/10/89	22.36
EREWASH TOTAL FLOW	SANDIACRE	SK48253645	LT	08/08/89	44.06
EREWASH TOTAL FLOW	SANDIACRE	SK48253645	LT	11/09/89	45.71
EREWASH TOTAL FLOW	SANDIACRE	SK48253645	LT	16/10/89	37.77
EREWASH (L/C)	SANDIACRE	SK48303650	LT	08/08/89	21.44
EREWASH (L/C)	SANDIACRE	SK48253645	LT	11/09/89	24.24
EREWASH (L/C)	SANDIACRE	SK48253645	LT	16/10/89	17.73
EREWASH (R/C)	SANDIACRE	SK48303650	LT	08/08/89	22.62
EREWASH (R/C)	SANDIACRE	SK48253645	LT	11/09/89	21.48
EREWASH (R/C)	SANDIACRE	SK48253645	LT	16/10/89	20.04
EYE	BRENTINGBY	SK77401860	LT	03/08/89	7.31
EYE	BRENTINGBY	SK77401860	LT	12/09/89	4.93

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
EYE	SAXBY	SK82101940	LT	03/08/89	3.39
EYE	SAXBY	SK82101940	LT	12/09/89	3.11
FAIRHAM BK.	CLIFTON	SK56003620	LT	08/08/89	6.71
FINHAM BK.	KENILWORTH	SP30007290	LS	18/07/89	5.44
FINHAM BK.	KENILWORTH	SP30007300	LS	25/07/89	3.54
FINHAM BK.	KENILWORTH	SP30007300	LS	24/08/89	3.66
FLECKNEY BK.	KIBWORTH BRIDGE	SP65909490	LT	03/08/89	0.69
FLECKNEY BK.	KIBWORTH BRIDGE	SK65909490	LT	12/09/89	1.08
FORD BK.	BROCKHURST	SP00509660	UT	22/08/89	21.43
FORD BK.	RUSHALL	SK02600110	UT	22/08/89	6.83
POSTON BK.	POSTON	SK18863190	UT	19/07/89	5.20
POSTON BK.	POSTON	SK18863190	UT	08/08/89	4.99
POSTON BK.	POSTON	SK18863190	UT	13/09/89	5.03
POSTON BK.	POSTON	SK18863190	UT	06/10/89	3.60
FOTHERLEY BK.	LITTLE ASTON	SP09200180	UT	23/08/89	1.88
FOTHERLEY BK.	SHENSTONE	SP10420460	UT	23/08/89	11.58
POWLEA BK.	ETRURIA	SJ86604702	UT	27/07/89	13.14
POWLEA BK.	TUNSTALL	SJ85255062	UT	27/07/89	0.35
FROME	CHALFORD	SO89200240	LS	08/08/89	11.68
FROME	CHALFORD	SO89200240	LS	12/09/89	12.39
FROME	EBLEY	SO83104700	LS	06/07/89	98.93
FROME	EBLEY	SO82800440	LS	27/07/89	80.49
FROME	EBLEY	SO83000450	LS	08/08/89	73.46
FROME	EBLEY	SO83100470	LS	12/09/89	61.88
FROME	EBLEY	SO82800440	LS	28/09/89	60.70
FROME	EBLEY	SO83100470	LS	11/10/89	53.11
GAMESLEY BK.	SEIGHFORD	SJ87752545	UT	05/07/89	1.38
GAMESLEY BK.	SEIGHFORD	SJ87752545	UT	18/07/89	1.12
GAYTON BK.	WESTON	SJ97412760	UT	28/07/89	5.60
GILTBROOK	NEWTORPE D/S WRW	SK47504440	LT	16/10/89	13.78
GLYNCH BK.	CLENCHERS MILL	SO73203500	LS	09/06/89	0.69
GLYNCH BK.	CLENCHERS MILL	SO73203500	LS	14/07/89	0.09
GLYNCH BK.	CLENCHERS MILL	SO73203500	LS	08/08/89	0.00
GLYNCH BK.	CLENCHERS MILL	SO73203500	LS	12/09/89	0.24
GLYNCH BK.	MOTORWAY CULVERT M50	SO75503300	LS	09/06/89	0.60
GLYNCH BK.	MOTORWAY CULVERT M50	SO75603300	LS	14/07/89	0.00
GLYNCH BK.	MOTORWAY CULVERT M50	SO75603300	LS	08/08/89	0.00
GLYNCH BK.	MOTORWAY CULVERT M50	SO75603300	LS	12/09/89	0.00
GLYNCH BK.	PEPPER MILL	SO73703430	LS	12/09/89	0.00
GLYNCH BK.	STANBROOK FM.	SO77702800	LS	27/07/89	1.47
GLYNCH BK.	STANBROOK FM.	SO77702800	LS	08/08/89	0.86
GLYNCH BK.	STANBROOK FM.	SO77702800	LS	12/09/89	1.41
GRACE DIEU BK.	BELTON	SK45902100	LT	04/08/89	9.42
GRACE DIEU BK.	BELTON	SK45902100	LT	13/09/89	6.05
GRASSTHORPE BECK	GRASSTHORPE	SK79706770	LT	08/08/89	3.53
GREET	MAYTHORNE	SK69705550	LT	25/08/89	4.16
GREET	SOUTHWELL	SK71555395	LT	11/07/89	11.58
GREET	SOUTHWELL	SK71555395	LT	02/08/89	8.55
GREET	SOUTHWELL	SK71555395	LT	08/08/89	7.43
GREET	SOUTHWELL	SK71405390	LT	25/08/89	6.32
GREET	SOUTHWELL	SK71555395	LT	04/09/89	8.47
GREET	SOUTHWELL	SK71405400	LT	11/09/89	8.14
GREET	SOUTHWELL	SK69905550	LT	11/09/89	6.55

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
GREET	SOUTHWELL	SK71555395	LT	03/10/89	8.03
GREET (TRIB)	KIRKLINGTON	SK67705730	LT	25/08/89	2.60
GREET (TRIB)	KIRKLINGTON	SK67705680	LT	25/08/89	0.00
GREET (TRIB)	KIRKLINGTON	SK68405700	LT	25/08/89	3.11
GREET (TRIB)	KIRKLINGTON	SK68505740	LT	25/08/89	0.69
GREET (TRIB)	KIRKLINGTON	SK68405700	LT	11/09/89	3.76
GREET (TRIB)	MAYTHORNE	SK68705570	LT	25/08/89	1.60
GREET (TRIB)	MAYTHORNE	SK68705570	LT	11/09/89	1.63
GREET (TRIB)	MAYTHORNE	SK68705570	LT	11/09/89	0.89
HADLEY BK.	DOVERDALE	S085956625	US	27/09/89	4.86
HADLEY BK.	DOVERDALE	S085906620	US	09/10/89	4.52
HADLEY BK.	DOVERDALE	S085906620	US	19/10/89	4.29
HADLEY BK.	SOUTHALL FM.	S085806510	US	27/09/89	4.64
HADLEY BK.	SOUTHALL FM.	S085806510	US	09/10/89	8.12
HADLEY BK.	SOUTHALL FM.	S085806500	US	19/10/89	6.38
HADLEY BK.	TILEHOUSE FM.	S086406430	US	27/09/89	4.61
HADLEY BK.	TILEHOUSE FM.	S086406430	US	09/10/89	8.64
HADLEY BK.	TILEHOUSE FM.	S086406430	US	19/10/89	6.55
HADLEY BK.	WARDS BRIDGE	S087006315	US	27/09/89	5.21
HADLEY BK.	WARDS BRIDGE	S087006310	US	09/10/89	9.26
HADLEY BK.	WARDS BRIDGE	S087006310	US	19/10/89	6.19
HADLEY BK. (TRIB)	SHOULSTONES FM.	S086606420	US	09/10/89	0.44
HADLEY BK. (TRIB)	SHOULSTONES FM.	S086606420	US	19/10/89	0.41
HADLEY BK. (TRIB.LB)	MILL HOUSE	S086656420	US	27/09/89	0.16
HADLEY BK. (TRIB.RB)	SOUTHALL FM.	S085806510	US	27/09/89	0.27
HADLEY BK. (TRIB.RB)	SOUTHALL FM.	S085806500	US	09/10/89	0.46
HADLEY BK. (TRIB.RB)	SOUTHALL FM.	S085806510	US	19/10/89	0.29
HADLEY BK. (TRIB.RB)	SYTCHAMPTON	S084806600	US	19/10/89	1.45
HADLEY BK. (TRIB.RB)	SYTCHAMPTON	S085506560	US	19/10/89	1.65
HAGLEY BK.	BLAKEDOWN U/S WRW	S087257825	US	07/08/89	1.24
HALAM BECK (TRIB)	HALAM	SK67555450	LT	10/05/89	1.38
HALLOUGHTON DUMBLE	ROLLESTON	SK73605240	LT	08/08/89	2.59
HAMPS	WATERHOUSES	SK08445022	UT	20/07/89	4.89
HAMPS	WATERHOUSES	SK08445022	UT	09/08/89	2.55
HAMPS	WATERHOUSES	SK08445022	UT	13/09/89	2.24
HAMPS	WATERHOUSES	SK08445022	UT	05/10/89	2.35
HARLEY BK.	SHEINTON	SJ60600410	US	06/10/89	1.45
HARTSHAY BK.	LOWER HARTSHAY	SK37505180	LT	22/06/89	5.88
HARTSHAY BK.	WINGFIELD PARK	SK37505180	LT	25/07/89	5.26
HARTSHAY BK.	WINGFIELD PARK	SK37505200	LT	27/09/89	4.16
HARTSHAY BK.	WINGFIELD PARK	SK37505180	LT	17/10/89	4.92
HARTSHEY BK.	WINGFIELD PARK	SK37505200	LT	07/09/89	4.58
HATHERLEY BK.	LONGFORD	S084102140	LS	27/07/89	8.28
HATHERLEY BK.	LONGFORD	S084102140	LS	08/08/89	10.03
HATHERLEY BK.	LONGFORD	S084002140	LS	12/09/89	13.73
HEN BK.	HENBROOK	S092906690	US	07/08/89	1.72
HENMORE BK.	ASHBOURNE	SK17674632	UT	19/07/89	7.86
HENMORE BK.	ASHBOURNE	SK17674632	UT	08/08/89	4.80
HENMORE BK.	ASHBOURNE	SK17674632	UT	13/09/89	5.80
HENMORE BK.	ASHBOURNE	SK17674632	UT	06/10/89	6.02
HENMORE BK.	CARSINGTON	SK23954995	UT	20/07/89	1.90
HENMORE BK.	CARSINGTON	SK23954995	UT	08/08/89	1.09
HENMORE BK.	CARSINGTON	SK23954995	UT	13/09/89	1.93

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
HENMORE BK.	CARSINGTON	SK23954995	UT	06/10/89	2.26
HILLCARR SOUGH	ROWSLEY	SK25906390	LT	28/09/89	29.67
HILLCARR SOUGH	ROWSLEY	SK25856370	LT	18/10/89	25.46
HILTON BK.	HILTON	SK24203055	UT	20/07/89	22.22
HILTON BK.	HILTON	SK24203055	UT	08/08/89	19.55
HILTON BK.	HILTON	SK24203055	UT	13/09/89	23.41
HILTON BK.	HILTON	SK24203055	UT	05/10/89	21.91
HILTON BK.	WYKEN	SO76259525	UT	02/08/89	7.52
HOCKLEY BK.	THIMBLE MILL LANE	SP08858918	UT	17/10/89	0.48
HOCKLEY BK.	VILLA STREET HOCKLEY	SP06308874	UT	17/10/89	5.68
HODSOCK BK.	BLYTH	SK61008690	LT	19/07/89	5.62
HODSOCK BK.	BLYTH	SK61008690	LT	23/08/89	4.83
HODSOCK BK.	BLYTH	SK61008690	LT	15/09/89	8.29
HOO BK.	KIDDER OLD RD BRIDGE	SO83507470	LS	07/08/89	6.59
HOO BK.	KIDDER OLD RD BRIDGE	SO83307470	LS	10/10/89	6.68
HOOBOROUGH BK.	ACRESFORD	SK29911318	UT	26/07/89	3.11
HOOBOROUGH BK.	ACRESFORD	SK29891317	UT	22/09/89	4.40
HOOTON BK.	ROCHE ABBEY	SK53808940	LT	19/07/89	2.94
HOOTON BK.	ROCHE ABBEY	SK54008950	LT	23/08/89	3.15
HOOTON BK.	ROCHE ABBEY	SK54008950	LT	15/09/89	3.06
HORSEBERE BK.	LONGFORD	SO84002120	LS	27/07/89	1.98
HORSEBERE BK.	LONGFORD	SO84002130	LS	08/08/89	0.60
HORSEBERE BK.	LONGFORD	SO84002130	LS	12/09/89	0.66
HUMBERSTONE BK.	HUMBERSTONE PARK	SK61900505	LT	04/08/89	3.18
HUMBERSTONE BK.	HUMBERSTONE PARK	SK61900505	LT	13/09/89	2.19
HUMESFORD BK.	GUILD LANE	SJ78802030	US	08/08/89	0.67
HUMESFORD BK.	GUILD LANE	SJ78782035	US	12/09/89	0.79
HUNT END BK.	BUNKERS HOLE	SP02006280	LS	25/08/89	0.60
IDLE	BAWTRY	SK65609520	LT	19/07/89	164.42
IDLE	CHAIN BRIDGE LANE	SK71308570	LT	19/07/89	97.63
IDLE	CHAIN BRIDGE LANE	SK71308570	LT	09/08/89	77.74
IDLE	CHAIN BRIDGE LANE	SK71308570	LT	23/08/89	56.77
IDLE	CHAIN BRIDGE LANE	SK71308570	LT	15/09/89	118.31
IDLE	GAMSTON BRIDGE	SK70807640	LT	18/07/89	69.21
IDLE	GAMSTON BRIDGE	SK70807640	LT	22/08/89	69.19
IDLE	GAMSTON BRIDGE	SK70807640	LT	14/09/89	129.52
IDLE	MATTERSEY	SK68958955	LT	29/06/89	123.12
IDLE	MATTERSEY	SK69008950	LT	19/07/89	100.31
IDLE	MATTERSEY	SK69008950	LT	23/08/89	63.18
IDLE	MATTERSEY	SK69008950	LT	09/09/89	69.62
IDLE	MATTERSEY	SK69008950	LT	15/09/89	134.79
IDLE	ORDSALL	SK70507960	LT	18/07/89	83.55
IDLE	ORDSALL	SK70607970	LT	19/07/89	66.53
IDLE	ORDSALL	SK70607960	LT	09/08/89	73.27
IDLE	ORDSALL	SK70507960	LT	22/08/89	69.79
IDLE	ORDSALL	SK70607960	LT	23/08/89	56.62
IDLE	ORDSALL	SK70507960	LT	14/09/89	163.87
IDLE	ORDSALL	SK70637965	LT	15/09/89	121.53
IDLE	SCAFTWORTH	SK66309160	LT	19/07/89	75.69
IDLE	SCAFTWORTH	SK66309160	LT	23/08/89	68.14
ISBOURNE	HINTON	SP02404070	LS	05/07/89	10.11
ISBOURNE	HINTON	SP02304080	LS	19/07/89	8.73
ISBOURNE	HINTON	SP02304080	LS	26/07/89	7.52

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
ISBOURNE	HINTON	SP02304080	LS	25/08/89	7.95
ISBOURNE	WINCHCOMBE	SP02802880	LS	19/07/89	6.31
ISBOURNE	WINCHCOMBE	SP02802880	LS	26/07/89	5.79
ISBOURNE	WINCHCOMBE	SP02802880	LS	25/08/89	5.27
ISBOURNE	WORMINGTON	SP03703640	LS	19/07/89	8.64
ISBOURNE	WORMINGTON	SP03703640	LS	26/07/89	6.74
ISBOURNE	WORMINGTON	SP03703640	LS	25/08/89	5.44
ITCHEN	BISHOPS ITCHINGTON	SP39605840	LS	18/07/89	0.52
ITCHEN	BISHOPS ITCHINGTON	SP39605840	LS	25/07/89	0.26
ITCHEN	BISHOPS ITCHINGTON	SP39905780	LS	24/08/89	0.10
ITCHEN	OLD TOWN FARM	SP39805670	LS	29/09/89	0.48
ITCHEN	SNOWFORD BRIDGE	SP39306640	LS	18/07/89	8.47
ITCHEN	SNOWFORD BRIDGE	SP39306640	LS	25/07/89	4.58
ITCHEN	SNOWFORD BRIDGE	SP39406640	LS	24/08/89	5.40
ITCHEN	SOUTHAM	SP40206160	LS	18/07/89	2.07
ITCHEN	SOUTHAM	SP40206160	LS	25/07/89	1.81
ITCHEN	SOUTHAM	SP40306160	LS	24/08/89	1.62
KETTLEBY BK.	ASFORDBY	SK71701920	LT	03/08/89	1.20
KETTLEBY BK.	ASFORDBY	SK71701920	LT	12/09/89	1.04
KEYHAM BK.	BELGRAVE	SK60400730	LT	04/08/89	0.54
KEYHAM BK.	BELGRAVE	SK60400730	LT	13/09/89	0.66
KINGHURST BK.	CHELMSLEY WOOD	SP18038735	UT	23/08/89	10.63
KINGSTON BK.	KINGSTON ON SOAR	SK50302770	LT	04/08/89	1.81
KINGSTON BK.	KINGSTON ON SOAR	SK50302770	LT	13/09/89	1.45
KNEE BK.	DTCHFORD FRIARY	SP24603870	LS	25/08/89	11.98
KNEE BK.	HIGH FURZE	SP25403760	LS	20/07/89	12.18
KNEE BK.	HIGH FURZE	SP25403760	LS	26/07/89	8.12
KYRE BK.	TENBURY	SO59706840	US	04/08/89	2.87
LAMBLANE DYKE	FIRBECK	SK56508850	LT	19/07/89	1.38
LAMBLANE DYKE	FIRBECK	SK56508860	LT	23/08/89	1.83
LAMBLANE DYKE	FIRBECK	SK56508850	LT	15/09/89	1.56
LAMBLEY DUMBLES	OFF SPRING LANE	SK61304510	LT	05/05/89	0.26
LAMBLEY DUMBLES	OFF SPRING LANE	SK61304510	LT	08/05/89	0.17
LAMBLEY DUMBLES	OFF SPRING LANE	SK61304510	LT	24/05/89	0.09
LANEHAM BECK	LANEHAM	SK80207600	LT	08/08/89	3.29
LANGHAM BK.	ASHWELL	SK86601170	LT	06/07/89	0.86
LANGHAM BK.	LANGHAM LODGE	SK85701180	LT	06/07/89	0.86
LANGHAM BK.	RUDDLES D/S OUTFLOW	SK84701130	LT	06/07/89	0.26
LANGHAM BK.	RUDDLES D/S OUTFLOW	SK84701130	LT	06/07/89	0.86
LANGHAM BK.	RUDDLES D/S OUTFLOW	SK84701130	LT	06/07/89	0.52
LANGHAM BK.	RUDDLES U/S OUTFLOW	SK84701130	LT	06/07/89	0.09
LANGLEY BK.	MIDDLETON	SP17629810	UT	23/08/89	2.95
LATHKILL	ALPORT	SK22106440	LT	23/06/89	22.29
LATHKILL	ALPORT	SK22106440	LT	26/07/89	13.56
LATHKILL	ALPORT	SK22006460	LT	08/09/89	6.40
LATHKILL	ALPORT	SK22006460	LT	28/09/89	4.79
LATHKILL	ALPORT	SK22106440	LT	18/10/89	3.50
LATHKILL	PICKERING WOOD	SK23906840	LT	23/06/89	33.00
LATHKILL	PICKERING WOOD	SK23906840	LT	26/07/89	15.80
LATHKILL	PICKERING WOOD	SK23906840	LT	08/09/89	5.50
LATHKILL	PICKERING WOOD	SK24006570	LT	28/09/89	2.64
LATHKILL	PICKERING WOOD	SK23906840	LT	18/10/89	1.11
LAUGHERNE BK.	A4103	SO82805390	US	03/08/89	2.42

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
LEADON	LEDBURY	SO69803730	LS	01/08/89	2.68
LEADON	LEDBURY	SO70003730	LS	08/08/89	2.16
LEADON	LEDBURY U/S WRW	SO69903750	LS	12/09/89	3.43
LEADON	WEDDERBURN	SO77602340	LS	28/07/89	16.68
LEADON	WEDDERBURN	SO77702340	LS	08/08/89	22.12
LEADON	WEDDERBURN	SO77702340	LS	12/09/89	24.78
LEADON	WEDDERBURN	SO77702340	LS	11/10/89	24.95
LEAM	EATHORPE	SP38806880	LS	18/07/89	47.43
LEAM	EATHORPE	SP38806880	LS	25/07/89	41.56
LEAM	EATHORPE	SP38806880	LS	24/08/89	19.90
LEAM	EATHORPE	SP38896887	LS	28/09/89	37.36
LEAM	MARTON	SP40606910	LS	18/07/89	10.89
LEAM	MARTON	SP40606910	LS	25/07/89	7.69
LEAM	MARTON U/S ITCHEN	SP40706930	LS	24/08/89	7.92
LEAM	THURLASTON BRIDGE	SP46806860	LS	18/07/89	3.63
LEAM	THURLASTON BRIDGE	SP46806860	LS	25/07/89	2.59
LEAM	THURLASTON BRIDGE	SP46806860	LS	24/08/89	3.11
LEDWYCHE BK.	TENBURY U/S OF TEME	SO57506820	US	04/08/89	10.00
LEDWYCHE BK. LUDLOW	DOGDITCH BK D/S	SO54007640	US	04/08/89	9.75
LEEK BK.	LEEKBROOK	SJ98605395	UT	12/09/89	0.71
LEEK BK.	LEEKBROOK	SJ98605395	UT	28/09/89	0.65
LEEN	BESTWOOD	SK54754750	LT	08/08/89	8.52
LEEN	BULWELL MARKET	SK54054505	LT	08/08/89	12.18
LEEN	PAPPLEWICK LIDO U/S	SK54805012	LT	08/08/89	9.32
LEEN	VERNON RD	SK54954345	LT	08/08/89	17.78
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	03/07/89	31.35
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	11/07/89	27.99
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	24/07/89	18.57
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	08/08/89	11.40
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	16/08/89	16.93
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	05/09/89	12.53
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	11/09/89	13.75
LEEN TOTAL FLOW	TRIUMPH RD	SK54963928	LT	04/10/89	17.63
LEEN TOTAL FLOW	TRIUMPH RD	SK64963928	LT	10/10/89	16.61
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	03/07/89	12.70
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	11/07/89	14.69
LEEN (L/C)	TRIUMPH RD	SK55003940	LT	24/07/89	9.76
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	08/08/89	4.75
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	16/08/89	7.86
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	05/09/89	6.91
LEEN (L/C)	TRIUMPH RD	SK54953927	LT	11/09/89	7.95
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	04/10/89	9.44
LEEN (L/C)	TRIUMPH RD	SK54963928	LT	10/10/89	9.23
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	03/07/89	18.66
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	11/07/89	13.31
LEEN (R/C)	TRIUMPH RD	SK55003940	LT	24/07/89	8.81
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	08/08/89	6.65
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	16/08/89	9.07
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	05/09/89	5.62
LEEN (R/C)	TRIUMPH RD	SK54953927	LT	11/09/89	5.80
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	04/10/89	8.20
LEEN (R/C)	TRIUMPH RD	SK54963928	LT	10/10/89	7.39
LEIGH BK.	LEIGH COURT	SO78205350	US	03/08/89	5.62

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
LONCO BK.	FORTON	SJ74602190	US	28/06/89	5.70
LONCO BK.	FORTON	SJ74602190	US	08/08/89	3.78
LONCO BK.	FORTON	SJ74252175	US	12/09/89	0.16
LONCO BK.	KNIGHTON	SJ74702665	US	28/06/89	4.75
LONCO BK.	KNIGHTON	SJ74752647	US	18/07/89	4.35
LONCO BK.	TUNSTALL	SJ76902675	US	28/06/89	2.33
LONCO BK.	TUNSTALL	SJ76952675	US	18/07/89	2.87
LONCO BK.	TUNSTALL	SJ76902670	US	08/08/89	1.78
LONCO BK.	TUNSTALL	SJ76902670	US	12/09/89	1.73
LONCO BK.	WESTON JONES	SJ75602430	US	08/08/89	0.14
LONCO BK.	WHITLEYFORD BRIDGE	SJ74652380	US	28/06/89	5.70
LONCO BK.	WHITLEYFORD BRIDGE	SJ74622385	US	18/07/89	5.49
LONCO BK.	WHITLEYFORD BRIDGE	SJ74602390	US	08/08/89	3.90
LONCO BK.	WHITLEYFORD BRIDGE	SJ74602390	US	12/09/89	3.51
LONCO BK. (TRIB)	HIGH OFFLEY	SJ77602640	US	08/08/89	0.63
LONCO BK. (TRIB)	HIGH OFFLEY	SJ77602640	US	12/09/89	0.91
LONCO BK. (TRIB)	WESTON JONES	SJ75602430	US	08/08/89	0.09
LONGDON BK.	LONGDON	S083803680	LS	27/07/89	4.84
LONGDON BK.	LONGDON	S083803680	LS	08/08/89	3.97
LONGDON BK.	LONGDON	S083803680	LS	12/09/89	5.05
LONGDON BK.	LONGDON	S083803680	LS	11/10/89	5.30
LYME BK.	HANFORD	SJ86254280	UT	27/07/89	12.47
LYNN BK.	LYNN	SJ78701570	US	08/08/89	0.35
LYNN BK.	STOCKTON MOORS	SJ78801620	US	12/09/89	1.53
MACKWORTH BK.	KIRK IRETON	SK28903900	LT	07/09/89	0.11
MACKWORTH BK.	KIRK IRETON	SK28933898	LT	27/09/89	0.10
MACKWORTH BK.	KIRK LANGLEY	SK28953895	LT	26/06/89	0.26
MACKWORTH BK.	KIRK LANGLEY	SK28903895	LT	25/07/89	0.17
MAD BK.	BECKBURY	SJ75700150	US	02/08/89	2.12
MAESBURY FEEDER	NEWBRIDGE	SJ30502490	US	20/07/89	0.22
MAESBURY FEEDER	NEWBRIDGE	SJ30502490	US	26/08/89	3.06
MAESBURY FEEDER	NEWBRIDGE	SJ30502490	US	29/09/89	0.53
MAGPIE SOUGH	ASHFORD	SK18006960	LT	27/06/89	27.39
MAGPIE SOUGH	ASHFORD	SK18006960	LT	26/07/89	32.75
MAGPIE SOUGH	ASHFORD	SK18056970	LT	08/09/89	29.89
MAGPIE SOUGH	ASHFORD	SK18006960	LT	28/09/89	29.67
MAGPIE SOUGH	ASHFORD	SK18056970	LT	05/10/89	28.70
MAGPIE SOUGH	ASHFORD	SK18006960	LT	18/10/89	30.38
MALTBY DYKE	MALTBY WRW (D/S)	SK54009020	LT	19/07/89	14.08
MALTBY DYKE	MALTBY WRW (D/S)	SK54009030	LT	23/08/89	18.03
MALTBY DYKE	MALTBY WRW (D/S)	SK54009020	LT	15/09/89	13.21
MANIFOLD	HULME END	SK10625958	UT	19/07/89	12.06
MANIFOLD	HULME END	SK10625958	UT	08/08/89	5.62
MANIFOLD	HULME END	SK10625958	UT	13/09/89	7.15
MANIFOLD	HULME END	SK10625958	UT	06/10/89	7.15
MANIFOLD	ILAM	SK13905075	UT	19/07/89	67.48
MANIFOLD	ILAM	SK13905075	UT	08/08/89	38.47
MANIFOLD	ILAM	SK13905075	UT	14/09/89	45.39
MANIFOLD	ILAM	SK13905075	UT	06/10/89	39.02
MARCHFONT BK.	WESTON	SP16105156	LS	19/07/89	0.52
MARCHFONT BK.	WESTON	SP16105150	LS	26/07/89	0.35
MARCHFONT BK.	WESTON	SP16105150	LS	25/08/89	0.71
MARCHINGTON BK.	MARCHINGTON	SK13583070	UT	20/07/89	3.82

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
MARCHINGTON BK.	MARCHINGTON	SK13583070	UT	08/08/89	3.63
MARCHINGTON BK.	MARCHINGTON	SK13583070	UT	13/09/89	3.78
MARCHINGTON BK.	MARCHINGTON	SK13583070	UT	06/10/89	3.57
MARKEATON BK.	MARKEATON	SK33203820	LT	26/06/89	11.32
MARKEATON BK.	MARKZATON	SK33253825	LT	25/07/89	8.64
MARKEATON BK.	MARKEATON	SK33103800	LT	07/09/89	8.18
MARKEATON BK.	MARKEATON	SK33223820	LT	27/09/89	8.64
MARKEATON BK.	MARKEATON	SK33253820	LT	17/10/89	17.12
MAUN	BLACK HILLS FM.	SK63506680	LT	18/07/89	30.33
MAUN	BLACK HILLS FM.	SK63506680	LT	22/08/89	27.53
MAUN	BLACK HILLS FM.	SK63506680	LT	14/09/89	54.02
MAUN	HAUGHTON	SK68307280	LT	22/05/89	13.22
MAUN	HAUGHTON	SK68307280	LT	06/06/89	6.22
MAUN	HAUGHTON	SK68307280	LT	12/06/89	12.27
MAUN	HAUGHTON	SK68307280	LT	20/06/89	30.67
MAUN	HAUGHTON	SK68107275	LT	29/06/89	31.02
MAUN	HAUGHTON	SK68307280	LT	18/07/89	13.22
MAUN	HAUGHTON	SK68307280	LT	22/08/89	12.36
MAUN	HAUGHTON	SK68302780	LT	14/09/89	16.30
MAUN	HAUGHTON	SK68107280	LT	26/09/89	12.96
MAUN	MANSFIELD WRW D/S	SK54706260	LT	18/07/89	42.94
MAUN	MANSFIELD WRW D/S	SK54706260	LT	22/08/89	21.23
MAUN	MANSFIELD WRW D/S	SK54706260	LT	14/09/89	35.71
MAUN	MANSFIELD WRW U/S	SK54806210	LT	18/07/89	18.23
MAUN	MANSFIELD WRW U/S	SK54806210	LT	22/08/89	16.49
MAUN	MANSFIELD WRW U/S	SK54806210	LT	14/09/89	23.93
MAUN	OLD CLIPSTONE	SK60206500	LT	18/07/89	34.56
MAUN	OLD CLIPSTONE	SK60106500	LT	22/08/89	26.60
MAUN	OLD CLIPSTONE	SK60106500	LT	14/09/89	48.45
MAUN	SUTTON FOREST SIDE	SK51005910	LT	18/07/89	2.42
MAUN	SUTTON FOREST SIDE	SK51005910	LT	22/08/89	2.01
MAUN	SUTTON FOREST SIDE	SK51005910	LT	14/09/89	2.03
MAUN	WEST DRAYTON	SK71207420	LT	18/07/89	12.36
MAUN	WEST DRAYTON	SK71207420	LT	22/08/89	12.32
MAUN	WEST DRAYTON	SK71207420	LT	14/09/89	15.07
MAUN	WHITewater	SK66207020	LT	18/07/89	38.71
MAUN	WHITewater	SK66207020	LT	22/08/89	27.91
MAUN	WHITewater	SK66207020	LT	14/09/89	45.48
MEASE	HARLASTON	SK21501117	UT	26/07/89	14.74
MEASE	MEASHAM	SK32701157	UT	26/07/89	7.76
MEASE	MEASHAM	SK32701156	UT	22/09/89	7.23
MEASE	MEASHAM	SK32701156	UT	27/09/89	6.68
MEASE	MEASHAM D/S WRW	SK32701156	UT	11/09/89	8.80
MEASE	MEASHAM U/S WRW	SK32701156	UT	18/09/89	33.58
MEASE	NETHERSEAL	SK28751276	UT	26/07/89	14.14
MEASE	STONES BRIDGE	SK26241144	UT	22/06/89	21.77
MEASE	STONES BRIDGE	SK26241144	UT	28/06/89	22.90
MEASE	STONES BRIDGE	SK26241144	UT	17/07/89	17.19
MEASE	STONES BRIDGE	SK26241144	UT	26/07/89	15.29
MEASE	STONES BRIDGE	SK26241144	UT	31/07/89	19.79
MEASE	STONES BRIDGE	SK26241144	UT	09/08/89	14.17
MEASE	STONES BRIDGE	SK26241144	UT	14/08/89	17.02
MEASE	STONES BRIDGE	SK26241144	UT	21/08/89	14.77

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
MEASE	STONES BRIDGE	SK26241144	UT	05/09/89	19.61
MEASE	STONES BRIDGE	SK26241144	UT	19/09/89	26.88
MEASE	STONES BRIDGE	SK26241144	UT	27/09/89	17.38
MEASE	STONES BRIDGE	SK26241144	UT	09/10/89	17.22
MEDEN	BOTHAMSALL	SK68007321	LT	22/05/89	80.18
MEDEN	BOTHAMSALL	SK68007321	LT	06/06/89	107.57
MEDEN	BOTHAMSALL	SK68007321	LT	12/06/89	79.66
MEDEN	BOTHAMSALL	SK68007321	LT	20/06/89	45.36
MEDEN	BOTHAMSALL	SK68157330	LT	29/06/89	66.61
MEDEN	BOTHAMSALL	SK68107330	LT	18/07/89	42.08
MEDEN	BOTHAMSALL	SK68107330	LT	22/08/89	41.56
MEDEN	BOTHAMSALL	SK68107330	LT	14/09/89	63.93
MEDEN	BOTHAMSALL	SK68007321	LT	26/09/89	58.78
MEDEN	CHURCH WARSOP	SK55906800	LT	18/07/89	29.46
MEDEN	CHURCH WARSOP	SK55806800	LT	18/07/89	29.46
MEDEN	CHURCH WARSOP	SK55906800	LT	22/08/89	26.27
MEDEN	CHURCH WARSOP	SK55906800	LT	14/09/89	20.93
MEDEN	CHURCH WARSOP	SK55806800	LT	11/10/89	25.82
MEDEN	CHURCH WARSOP	SK55806800	LT	19/10/89	25.63
MEDEN	CHURCH WARSOP	SK55806800	LT	24/10/89	30.37
MEDEN	GLEADTHORPE	SK59707030	LT	18/07/89	37.32
MEDEN	GLEADTHORPE	SK59707030	LT	22/08/89	34.03
MEDEN	GLEADTHORPE	SK59707030	LT	14/09/89	37.50
MEDEN	PERLETHORPE	SK64907120	LT	18/07/89	31.45
MEDEN	PERLETHORPE	SK64907120	LT	22/08/89	28.95
MEDEN	PERLETHORPE	SK64907120	LT	14/09/89	44.44
MEDEN	PLEASLEY	SK50506430	LT	22/08/89	3.56
MEDEN	PLEASLEY	SK50506430	LT	14/09/89	6.32
MEDEN	PLEASLEY VALE	SK50906490	LT	18/07/89	9.33
MEDEN	PLEASLEY VALE	SK50906490	LT	22/08/89	6.17
MEDEN	PLEASLEY VALE	SK50906490	LT	14/09/89	6.53
MEDEN	SKEGBY/TEVERSAL	SK49106170	LT	18/07/89	0.35
MEDEN	SKEGBY/TEVERSAL	SK49106170	LT	22/08/89	0.23
MEDEN	SKEGBY/TEVERSAL	SK49106170	LT	14/09/89	2.99
MEDEN	SOOKHOLME	SK55006640	LT	18/07/89	19.53
MEDEN	SOOKHOLME	SK55006640	LT	22/08/89	17.45
MEDEN	SOOKHOLME	SK55006640	LT	14/09/89	10.51
MEDEN	WEST DRAYTON	SK70307510	LT	18/07/89	46.66
MEDEN	WEST DRAYTON	SK70307540	LT	22/08/89	23.98
MEDEN	WEST DRAYTON	SK70307510	LT	14/09/89	69.17
MEDEN (TRIB)	SPION KOP	SK55606660	LT	18/07/89	4.23
MEDEN (TRIB)	SPION KOP	SK55606660	LT	22/08/89	3.89
MEDEN (TRIB)	SPION KOP	SK55606660	LT	14/09/89	4.07
MEECE BK.	MILL MEECE	SJ83363320	UT	05/07/89	13.39
MEECE BK.	MILL MEECE	SJ83363320	UT	18/07/89	11.32
MEECE BK.	NORTON BRIDGE	SJ86833065	UT	18/07/89	13.82
MEECE BK.	SHALLOWFORD	SJ87502908	UT	05/07/89	19.53
MEECE BK.	STANDON	SJ82483503	UT	05/07/89	4.49
MEECE BK.	STANDON	SJ82483503	UT	18/07/89	3.37
MEERBROOK SOUGH	WHATSTANDWELL	SK33105480	LT	26/06/89	4.06
MEERBROOK SOUGH	WHATSTANDWELL	SK33105480	LT	25/07/89	8.90
MEERBROOK SOUGH	WHATSTANDWELL	SK33805520	LT	07/09/89	14.06
MEERBROOK SOUGH	WHATSTANDWELL	SK33105480	LT	27/09/89	12.33

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
MEERBROOK SOUGH	WHATSTANDWELL	SK33105480	LT	17/10/89	4.35
MEESE	A519 ROAD BRIDGE	SJ75002070	US	18/07/89	15.22
MEESE	FORTON	SJ74902080	US	28/06/89	13.22
MEESE	FORTON	SJ74882080	US	12/09/89	44.22
MEESE	PULESTON	SJ73402190	US	28/06/89	24.80
MILLWOOD BK.	SLOSWICKS FARM	SK55857535	LT	18/07/89	9.42
MILLWOOD BK.	SLOSWICKS FARM	SK55807560	LT	22/08/89	6.81
MILLWOOD BK.	SLOSWICKS FARM	SK55857535	LT	14/09/89	8.95
MINOR WATERCOURSE	HAWKSTONE PARK	SJ56632922	US	14/07/89	0.09
MINOR WATERCOURSE	HAWKSTONE PARK	SJ56632922	US	25/09/89	0.06
MINSTERLEY BK.	PLOXGREEN	SJ36800395	US	28/06/89	4.23
MOAT BK.	CODSALL	SJ87500415	UT	05/07/89	2.51
MOAT BK.	CODSALL	SJ87500415	UT	18/07/89	2.02
MODDERSHALL BK.	MODDERSHALL	SJ92243665	UT	18/10/89	4.84
MOR BK.	EARDINGTON	S070659050	US	02/08/89	6.65
MOR BK.	EARDINGTON	S070709050	LS	06/10/89	3.46
MORDA	LLWYNTIDMON	SJ29352050	US	06/10/89	16.87
MORETON BK.	STOCKTON MOORS	SJ78501680	US	08/08/89	8.04
MORETON BK.	STOCKTON MOORS	SJ78501680	US	12/09/89	9.59
MOTHER DRAIN	ROSSINGTON BRIDGE	SK62959970	LT	07/08/89	7.08
MULE	ABERMULE	S016409460	US	05/10/89	3.89
NEACH LEY BK.	HOLE FARM	SJ78300670	US	02/08/89	2.47
NEATH BK.	NEW CUT U/S CONFL	SJ27401569	US	20/07/89	1.40
NEATH BK.	NEW CUT U/S CONFL	SJ27401569	US	26/08/89	0.90
NEATH BK.	NEW CUT U/S CONFL	SJ27401569	US	29/09/89	0.50
NEW CUT	CANAL OUTFALL D/S	SJ25341406	US	20/07/89	4.44
NEW CUT	CANAL OUTFALL D/S	SJ25341406	US	26/08/89	7.46
NEW CUT	CANAL OUTFALL D/S	SJ25341406	US	29/09/89	5.55
NEW CUT	NEATH BK. U/S CONF	SJ27361563	US	20/07/89	4.73
NEW CUT	NEATH BK. U/S CONF	SJ27361563	US	26/08/89	7.84
NEW CUT	NEATH BK. U/S CONF	SJ27361563	US	29/09/89	4.05
NEW CUT	OFFAS DYKE D/S	SJ28201570	US	26/08/89	8.26
NEW CUT	OFFAS DYKE D/S	SJ28201570	US	29/09/89	4.55
NEW CUT	OFFAS DYKE U/S	SJ28201570	US	20/07/89	5.50
NEW CUT (TRIB)	WERN BRIDGE D/S	SJ25301368	US	20/07/89	0.01
NEW CUT (TRIB)	WERN BRIDGE D/S	SJ25301368	US	26/08/89	0.01
NEW CUT (TRIB)	WERN BRIDGE U/S	SJ25321368	US	20/07/89	3.26
NEW CUT (TRIB)	WERN BRIDGE U/S	SJ25321368	US	26/08/89	2.19
NEW CUT (TRIB)	WERN BRIDGE U/S	SJ25321368	US	29/09/89	1.04
NEWMILL FARM BK.	NEWMILL FARM	SJ95734908	UT	26/09/89	0.49
NOE	EDALE	SK13708550	LT	08/09/89	9.97
NOE	EDALE U/S DIVERSION	SK14608575	LT	27/06/89	46.57
NOE	EDALE U/S DIVERSION	SK14608575	LT	26/07/89	13.65
NOE	EDALE U/S DIVERSION	SK14608575	LT	28/09/89	8.85
NOE	EDALE U/S DIVERSION	SK14608575	LT	18/10/89	20.44
NOE	EDALE U/S DIVERSION	SK14608575	LT	27/06/89	46.57
NOE	HOPE D/S DIVERSION	SK16708470	LT	27/06/89	25.23
NOE	HOPE D/S DIVERSION	SK16708470	LT	27/06/89	25.23
NOE	HOPE D/S DIVERSION	SK16708470	LT	26/07/89	23.67
NOE	HOPE D/S DIVERSION	SK16708460	LT	08/09/89	23.04
NOE	HOPE D/S DIVERSION	SK16708470	LT	28/09/89	22.95
NOE	HOPE D/S DIVERSION	SK16708470	LT	18/10/89	17.82
NOE	SHATTON U/S CONFLNCE	SK20308260	LT	28/09/89	30.18

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
NCE	SHATTON U/S CONFLNCE	SK20308260	LT	18/10/89	25.75
NORWELL BECK	NORWELL	SK78106180	LT	08/08/89	2.22
OLDCOATES DYKE	BLYTH	SK61508760	LT	29/06/89	31.02
OLDCOATES DYKE	BLYTH	SK61408750	LT	19/07/89	23.41
OLDCOATES DYKE	BLYTH	SK61508755	LT	19/07/89	10.20
OLDCOATES DYKE	BLYTH	SK61408750	LT	23/08/89	16.45
OLDCOATES DYKE	BLYTH	SK61408750	LT	15/09/89	22.70
OLDCOATES DYKE	FIRBECK	SK56408930	LT	19/07/89	14.77
OLDCOATES DYKE	FIRBECK	SK56408930	LT	23/08/89	10.52
OLDCOATES DYKE	FIRBECK	SK56408930	LT	15/09/89	10.02
OLDCOATES DYKE	OLDCOATES	SK59408840	LT	19/07/89	10.20
OLDCOATES DYKE	OLDCOATES	SK59308840	LT	23/08/89	9.19
OLDCOATES DYKE	OLDCOATES	SK59408840	LT	15/09/89	10.01
ONNY	CHEYNEY LONGVILLE	SO43208480	US	03/08/89	4.33
ONNY	ONIBURY	SO45507890	US	12/07/89	27.99
ONNY	ONIBURY	SO45507890	US	20/07/89	16.76
ONNY	ONIBURY	SO45507890	US	03/08/89	9.55
ONNY	ONIBURY	SO45507890	US	22/08/89	17.80
ONNY	ONIBURY	SO45507890	US	20/09/89	23.19
ONNY	ONIBURY	SO45507890	US	18/10/89	18.52
PACKINGTON BK.	PACKINGTON	SK35931442	UT	26/07/89	2.97
PAPERMILL DYKE	TICKHILL	SK58809280	LT	07/08/89	6.54
PARKHILL LEVEL	BROCKHOLLANDS	SO61700580	LS	29/09/89	0.61
PARKHILL LEVEL	BROCKHOLLANDS	SO61700580	LS	16/10/89	0.86
PARKHILL LEVEL	BROCKHOLLANDS	SO61700580	LS	30/10/89	2.25
PASTURE LANE DYKE	SANDIACRE	SK48523505	LT	16/10/89	7.15
PENK	ACTON TRUSSEL	SJ93351754	UT	05/07/89	84.59
PENK	ACTON TRUSSEL D/S	SJ93181899	UT	18/07/89	74.68
PENK	PENKRIDGE	SJ92201445	UT	12/05/89	101.95
PENK	PENKRIDGE	SJ92201445	UT	26/05/89	83.03
PENK	PENKRIDGE	SJ92201445	UT	13/06/89	53.22
PENK	PENKRIDGE	SJ92201445	UT	21/06/89	51.32
PENK	PENKRIDGE	SJ92201445	UT	28/06/89	61.95
PENK	PENKRIDGE	SJ92201445	UT	05/07/89	48.73
PENK	PENKRIDGE	SJ92201445	UT	12/07/89	61.78
PENK	PENKRIDGE	SJ92201445	UT	18/07/89	48.82
PENK	PENKRIDGE	SJ92201445	UT	18/07/89	48.82
PENK	PENKRIDGE	SJ92201445	UT	25/07/89	45.19
PENK	PENKRIDGE	SJ92201445	UT	11/08/89	80.18
PENK	PENKRIDGE	SJ92201445	UT	16/08/89	52.88
PENK	PENKRIDGE	SJ92201445	UT	21/08/89	42.68
PENK	PENKRIDGE	SJ92201445	UT	06/09/89	44.20
PENK	PENKRIDGE	SJ92201445	UT	11/09/89	52.62
PENK	PENKRIDGE	SJ92061447	UT	20/09/89	50.52
PENK	PENKRIDGE	SJ92061447	UT	27/09/89	45.91
PENK	PENKRIDGE	SJ92061447	UT	09/10/89	50.29
PENK	PENKRIDGE	SJ92061447	UT	17/10/89	38.21
PENK	PENKRIDGE	SJ92061447	UT	30/10/89	79.87
PENK	SOMERFORD BRIDGE	SJ89530925	UT	05/07/89	32.57
PENK	SOMERFORD BRIDGE	SJ89530925	UT	18/07/89	34.30
PENMIRE BK.	GRENDON	SP27509968	UT	24/08/89	1.77
PENN BK.	WOMBOURNE	SO85809230	US	07/08/89	3.63
PICKFORD BK.	WINDMILL FARM D/S	SP28508100	LS	28/09/89	0.06

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
PICKFORD BK.	WINDMILL FARM U/S	SP28408110	LS	28/09/89	0.05
PIDDLE BK.	WYRE PIDDLE	SO96204750	LS	20/07/89	6.31
PIDDLE BK.	WYRE PIDDLE	SP96204750	LS	26/07/89	3.63
PIDDLE BK.	WYRE PIDDLE	SP96204750	LS	25/08/89	5.21
PLANTS BK.	PENNS LANE WALMLEY	SP12979312	UT	23/08/89	5.62
PLUMMERS BK.	PURLIEU	SO65200460	LS	08/05/89	0.86
PLUMMERS BK.	PURLIEU	SO65200460	LS	12/07/89	0.17
PLUMMERS BK.	SOILWELL	SO64600550	LS	08/05/89	0.52
PLUMMERS BK.	SOILWELL	SO64600550	LS	28/06/89	0.26
PLUMMERS BK.	SOILWELL	SO64600550	LS	12/07/89	0.17
PLUMMERS BK.	SOILWELL	SO64600550	LS	01/08/89	0.26
PLUMMERS BK.	SOILWELL	SO64600550	LS	09/08/89	0.16
PLUMMERS BK.	SOILWELL	SO64600550	LS	09/08/89	0.32
PLUMMERS BK.	U/S A48	SO65700460	LS	28/06/89	0.43
PLUMMERS BK.	U/S A48	SO65700460	LS	01/08/89	0.26
PLUMMERS BK.	U/S A48	SO65700460	LS	09/08/89	0.31
POND OVERFLOW	OFF SPRING LANE	SK61204490	LT	05/05/89	0.00
POND OVERFLOW	OFF SPRING LANE	SK61204490	LT	08/05/89	0.03
POND OVERFLOW	OFF SPRING LANE	SK61204490	LT	24/05/89	0.02
POULTER	B6005 RD BR	SK60707280	LT	18/07/89	20.39
POULTER	CARBURTON	SK60707280	LT	18/07/89	20.42
POULTER	CARBURTON	SK60707280	LT	22/08/89	15.81
POULTER	CARBURTON	SK60707280	LT	14/09/89	19.59
POULTER	CUCKNEY	SK57107130	LT	06/06/89	24.88
POULTER	CUCKNEY	SK57107130	LT	12/06/89	21.43
POULTER	CUCKNEY	SK57157135	LT	21/06/89	21.34
POULTER	CUCKNEY	SK57157135	LT	29/06/89	18.75
POULTER	CUCKNEY	SK56007120	LT	18/07/89	19.96
POULTER	CUCKNEY	SK57207120	LT	22/08/89	16.23
POULTER	CUCKNEY	SK57107140	LT	14/09/89	10.90
POULTER	ELKESLEY	SK69007520	LT	29/06/89	13.13
POULTER	ELKESLEY	SK68507495	LT	18/07/89	9.42
POULTER	ELKESLEY	SK68407500	LT	22/08/89	12.72
POULTER	ELKESLEY	SK68407500	LT	14/09/89	28.71
POULTER	GREAT LAKE U/S	SK79077230	LT	18/07/89	16.93
POULTER	GREAT LAKES	SK58007240	LT	22/08/89	15.61
POULTER	GREAT LAKES	SK57907230	LT	14/09/89	20.31
POULTER	LANGWITH MILL	SK54607029	LT	18/07/89	10.80
POULTER	LANGWITH MILL	SK54807040	LT	22/08/89	10.47
POULTER	LANGWITH MILL	SK54607029	LT	14/09/89	9.39
POULTER	TWYFORD BRIDGE	SK69707510	LT	18/07/89	11.15
POULTER	TWYFORD BRIDGE	SK69707510	LT	22/08/89	12.78
POULTER	TWYFORD BRIDGE	SK69707510	LT	14/09/89	31.96
POULTER	UPPER LANGWITH	SK52206970	LT	18/07/89	2.59
POULTER	UPPER LANGWITH	SK52006960	LT	22/08/89	1.58
POULTER	UPPER LANGWITH	SK52206970	LT	14/09/89	1.81
PRESTON BK. (TRIB)	MUCH MARCLE	SO66103335	LS	11/07/89	0.00
PRESTON BK. (TRIB)	MUCH MARCLE	SO65503330	LS	04/09/89	0.00
PYFORD BK.	WOOD END	SK12971314	UT	26/07/89	6.98
QUENIBOROUGH BK.	NEW QUENIBOROUGH	SK64301320	LT	12/09/89	0.78
QUORN BK.	QUORN	SK55401680	LT	04/08/89	0.62
QUORN BK.	QUORN	SK55401680	LT	13/09/89	0.60
RAINWORTH WATER	OLLERTON	SK64906690	LT	18/07/89	1.81

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
RAINWORTH WATER	OLLERTON	SK64906690	LT	22/08/89	3.37
RAINWORTH WATER	OLLERTON	SK64906690	LT	14/09/89	6.98
REA	CALTHORPE PARK	SP07088469	UT	15/08/89	38.15
REA	CALTHORPE PARK	SP07088469	UT	23/08/89	17.63
REA	HARDWICKFORGE	SO66208210	US	03/08/89	11.32
REA	NEEN SOLLARS	SO66407240	US	03/08/89	20.22
REA	SALTLEY VIADUCT	SP09288832	UT	17/10/89	32.69
REA BK.	HORSE BRIDGE	SJ37050590	US	28/06/89	8.54
REA BK. (TRIB)	REABROOK FM.	SJ36250445	US	14/07/89	0.00
REPTON BK.	REPTON	SK30302730	LT	07/08/89	4.92
RHIW	BERRIEW	SJ18800070	US	05/10/89	3.23
RHIW	GLAN-YR-AFON	SJ04250145	US	08/05/89	3.37
RHIW	GLAN-YR-AFON	SJ04250145	US	23/05/89	3.11
RHIW (TRIB)	ADFA NO1	SJ00200040	US	08/05/89	0.26
RHIW (TRIB)	ADFA NO1	SJ00200040	US	23/05/89	0.26
RHIW (TRIB)	ADFA NO2	SJ00420015	US	08/05/89	0.26
RHIW (TRIB)	ADFA NO2	SJ00420015	US	23/05/89	0.26
RHIW (TRIB)	ADFA NO3	SJ01600085	US	08/05/89	0.69
RHIW (TRIB)	ADFA NO3	SJ01600085	US	23/05/89	0.52
RHIW (TRIB)	ADFA NO4	SJ01700080	US	08/05/89	0.69
RHIW (TRIB)	ADFA NO4	SJ01700080	US	23/05/89	0.78
RIPPLE BK.	D/S WRW ROAD BDGE	SO87703790	LS	06/09/89	2.28
RIPPLE BK.	U/S WRW OUTFALL	SO87753835	LS	06/09/89	0.95
RODEN	ASTON HALL	SJ53002856	US	27/06/89	21.03
RODEN	ASTON HALL	SJ53002856	US	18/07/89	11.16
RODEN	SHAWBURY	SJ56142127	US	27/06/89	35.07
RODEN	SHAWBURY	SJ56142127	US	19/07/89	26.98
RODEN	SPENFORD BRIDGE	SJ47712969	US	27/06/89	5.43
RODEN	SPENFORD BRIDGE	SJ47712969	US	18/07/89	3.05
ROLLESTON BK.	ROLLESTON	SK24362840	UT	03/10/89	7.71
ROTHLEY BK.	A6 RD BRIDGE	SK59101340	LT	03/08/89	16.45
ROTHLEY BK.	A6 RD BRIDGE	SK59101340	LT	13/09/89	21.96
ROTHLEY BK.	ANSTEY	SK56200990	LT	03/08/89	13.82
ROTHLEY BK.	ANSTEY	SK56200990	LT	12/09/89	21.04
ROTHLEY BK.	DESFORD U/S WRW	SK48100450	LT	25/09/89	3.34
ROTHLEY BK.	KIRBY MUXLOE	SK52000510	LT	03/08/89	7.77
ROTHLEY BK.	KIRBY MUXLOE	SK52000510	LT	12/09/89	10.47
ROTHLEY BK.	MERRYLEAS	SK47200560	LT	03/08/89	4.97
ROTHLEY BK.	MERRYLEAS	SK47200560	LT	12/09/89	7.99
ROTHLEY BK.	ROTHLEY	SK58101220	LT	13/06/89	38.10
ROTHLEY BK.	ROTHLEY	SK58101220	LT	03/08/89	18.14
ROTHLEY BK.	ROTHLEY	SK58101220	LT	04/08/89	14.60
ROTHLEY BK.	ROTHLEY	SK58101220	LT	04/09/89	13.13
ROTHLEY BK.	ROTHLEY	SK58101220	LT	12/09/89	20.40
ROTHLEY BK.	ROTHLEY	SK58101220	LT	06/10/89	12.57
ROTHLEY BK. (TRIB)	DESFORD	SK47800420	LT	12/09/89	0.72
RYTON	ANSTON BRIDGE U/S	SK53608220	LT	23/08/89	2.62
RYTON	ANSTON BRIDGE U/S	SK53608220	LT	15/09/89	2.32
RYTON	ANSTON GRANGE FARM	SK53708220	LT	19/07/89	2.25
RYTON	BLYTH	SK63108720	LT	16/05/89	82.34
RYTON	BLYTH	SK63108720	LT	09/06/89	81.82
RYTON	BLYTH	SK63108720	LT	13/06/89	65.06
RYTON	BLYTH	SK63108720	LT	21/06/89	43.89

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
RYTON	BLYTH	SK63108720	LT	29/06/89	68.69
RYTON	BLYTH	SK63108720	LT	05/07/89	53.31
RYTON	BLYTH	SK63108720	LT	11/07/89	57.63
RYTON	BLYTH	SK63108720	LT	11/07/89	64.71
RYTON	BLYTH	SK63108720	LT	19/07/89	43.98
RYTON	BLYTH	SK63108720	LT	15/08/89	116.61
RYTON	BLYTH	SK63308710	LT	23/08/89	37.14
RYTON	BLYTH	SK63308710	LT	15/09/89	48.83
RYTON	BLYTH	SK63108720	LT	03/10/89	47.67
RYTON	BLYTH	SK63108720	LT	19/10/89	51.85
RYTON	HARD BRIDGE	SK49508255	LT	19/07/89	4.32
RYTON	HARD BRIDGE	SK49508260	LT	23/08/89	2.87
RYTON	HARD BRIDGE	SK49508260	LT	15/09/89	3.32
RYTON	LADY LEE	SK56307940	LT	19/07/89	8.81
RYTON	LADY LEE	SK56307940	LT	23/08/89	5.14
RYTON	LADY LEE	SK56207940	LT	15/09/89	6.72
RYTON	LINDRICK DALE	SK54008225	LT	19/07/89	8.21
RYTON	MONKS BRIDGE	SK54608220	LT	19/07/89	4.06
RYTON	MONKS BRIDGE	SK54608220	LT	23/08/89	3.06
RYTON	MONKS BRIDGE	SK54608215	LT	15/09/89	7.39
RYTON	SCOFTON D/S MNTN.WRW	SK63108030	LT	19/07/89	25.40
RYTON	SCOFTON D/S MNTN.WRW	SK63108030	LT	23/08/89	25.95
RYTON	SCOFTON FORD	SK63108035	LT	15/09/89	27.07
RYTON	SCROOBY	SK64859155	LT	19/07/89	58.75
RYTON	SCROOBY	SK64859555	LT	23/08/89	35.22
RYTON	SCROOBY	SK64909150	LT	15/09/89	65.78
RYTON	SERLBY PARK	SK63908970	LT	19/07/89	45.96
RYTON	SERLBY PARK	SK63908970	LT	23/08/89	34.21
RYTON	SERLBY PARK	SK63808970	LT	15/09/89	51.89
RYTON	SHIREOAKS	SK55708060	LT	19/07/89	8.04
RYTON	SHIREOAKS	SK55708060	LT	23/08/89	4.24
RYTON	SHIREOAKS	SK55308080	LT	15/09/89	4.94
RYTON	THORPE BRIDGE	SK51708230	LT	19/07/89	2.68
RYTON	THORPE BRIDGE	SK51708230	LT	23/08/89	2.24
RYTON	THORPE BRIDGE	SK51708230	LT	15/09/89	2.09
RYTON	WORKSOP	SK57507950	LT	29/06/89	27.22
RYTON	WORKSOP D/S WRW	SK60207890	LT	19/07/89	18.84
RYTON	WORKSOP D/S WRW	SK60207890	LT	23/08/89	25.28
RYTON	WORKSOP U/S WRW	SK60407885	LT	15/09/89	2.02
RYTON BK.	LINDRICK DALE	SK54008220	LT	23/08/89	10.20
RYTON BK.	LINDRICK DALE	SK54008220	LT	15/09/89	7.45
SALWARPE	HARFORD HILL	S086806180	US	21/06/89	28.24
SALWARPE	HARFORD HILL	S086806180	US	12/07/89	33.61
SALWARPE	HARFORD HILL	S086806180	US	20/07/89	30.33
SALWARPE	HARFORD HILL	S086806190	US	28/07/89	24.36
SALWARPE	HARFORD HILL	S086806190	US	07/08/89	27.92
SALWARPE	HARFORD HILL	S086806190	US	23/08/89	17.28
SALWARPE	HARFORD HILL	S086806190	US	27/09/89	25.99
SALWARPE	HARFORD HILL	S086806180	US	09/10/89	34.91
SALWARPE	HARFORD HILL	S086806180	US	10/10/89	28.00
SALWARPE	HARFORD HILL	S086806180	US	19/10/89	28.35
SALWARPE	HENBROOK	S092786685	US	09/08/89	12.18
SAM BK.	SAMBROOK	SJ71652455	US	28/06/89	19.61

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
SAM BK.	SAMBROOK	SJ71722451	US	18/07/89	18.47
SAM BK.	SAMBROOK	SJ71602450	US	12/09/89	20.40
SARENDON BK.	DEEPMORE FARM	SJ92710822	UT	05/07/89	4.32
SARENDON BK.	DEEPMORE FARM	SJ92710822	UT	18/07/89	5.62
SCALFORD BK.	SPINNEY FARM	SK76102170	LT	03/08/89	2.74
SCALFORD BK.	SPINNEY FARM	SK76102170	LT	12/09/89	1.92
SCOTCH BK.	STONE	SJ90803457	UT	27/07/89	8.75
SENCE	BILSTONE	SK36530515	UT	24/08/89	10.03
SENCE	KELHAM BRIDGE	SK40581203	UT	24/08/89	4.18
SENCE	LITTLE STRETTON	SP66300020	LT	03/08/89	0.78
SENCE	LITTLE STRETTON	SK66300020	LT	12/09/89	1.10
SENCE	RATCLIFFE CULEY	SP32159960	UT	24/08/89	15.01
SENCE	SOUTH WIGSTON	SP58909770	LT	27/07/89	19.53
SENCE	SOUTH WIGSTON	SP58909770	LT	27/07/89	18.84
SENCE	SOUTH WIGSTON	SP58909770	LT	28/07/89	19.27
SENCE	SOUTH WIGSTON	SP58909770	LT	03/08/89	19.09
SENCE	SOUTH WIGSTON	SK58859770	LT	04/08/89	21.29
SENCE	SOUTH WIGSTON	SP58909770	LT	24/08/89	16.68
SENCE	SOUTH WIGSTON	SP58909770	LT	01/09/89	16.62
SENCE	SOUTH WIGSTON	SK68909770	LT	12/09/89	19.69
SENCE	SOUTH WIGSTON	SK58859770	LT	13/09/89	20.09
SENCE	SOUTH WIGSTON	SP58909770	LT	19/10/89	16.49
SENCE	WISTOW	SP62809560	LT	03/08/89	4.41
SENCE	WISTOW	SK62809560	LT	12/09/89	4.68
SEVERN	ABERMULE	SO16459570	US	08/06/89	253.25
SEVERN	ABERMULE	SO16459570	US	21/07/89	410.98
SEVERN	ABERMULE	SO16309460	US	05/10/89	165.23
SEVERN	ABERMULE	SO16869612	US	11/10/89	133.12
SEVERN	ABERMULE	SO16459570	US	25/10/89	438.91
SEVERN	BEWDLEY	SO78207620	US	19/05/89	1350.95
SEVERN	BEWDLEY	SO78207620	US	23/05/89	1112.57
SEVERN	BEWDLEY	SO78207620	US	25/05/89	1475.11
SEVERN	BEWDLEY	SO78207620	US	26/05/89	1469.58
SEVERN	BEWDLEY	SO78207620	US	31/05/89	854.93
SEVERN	BEWDLEY	SO78207620	US	02/06/89	837.82
SEVERN	BEWDLEY	SO78207620	US	04/06/89	925.17
SEVERN	BEWDLEY	SO78207620	US	06/06/89	910.14
SEVERN	BEWDLEY	SO78207620	US	08/06/89	947.98
SEVERN	BEWDLEY	SO78207620	US	12/06/89	934.16
SEVERN	BEWDLEY	SO78207620	US	13/06/89	907.20
SEVERN	BEWDLEY	SO78207620	US	15/06/89	743.99
SEVERN	BEWDLEY	SO78207620	US	21/06/89	880.93
SEVERN	BEWDLEY	SO78207620	US	23/06/89	795.31
SEVERN	BEWDLEY	SO78207620	US	24/06/89	887.16
SEVERN	BEWDLEY	SO78207620	US	26/06/89	745.03
SEVERN	BEWDLEY	SO78207620	US	27/06/89	851.04
SEVERN	BEWDLEY	SO78207620	US	29/06/89	1090.71
SEVERN	BEWDLEY	SO78207620	US	05/07/89	836.18
SEVERN	BEWDLEY	SO78207620	US	06/07/89	713.32
SEVERN	BEWDLEY	SO78207620	US	06/07/89	723.43
SEVERN	BEWDLEY	SO78207620	US	06/07/89	753.24
SEVERN	BEWDLEY	SO78207620	US	06/07/89	760.23
SEVERN	BEWDLEY	SO78207620	US	07/07/89	871.17

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
SEVERN	BEWDLEY	S078207620	US	07/07/89	845.51
SEVERN	BEWDLEY	S078207620	US	13/07/89	820.45
SEVERN	BEWDLEY	S078207620	US	14/07/89	696.99
SEVERN	BEWDLEY	S078207620	US	14/07/89	697.77
SEVERN	BEWDLEY	S078207620	US	14/07/89	682.56
SEVERN	BEWDLEY	S078207620	US	14/07/89	707.27
SEVERN	BEWDLEY	S078207620	US	25/07/89	938.82
SEVERN	BEWDLEY	S078207620	US	27/07/89	952.47
SEVERN	BEWDLEY	S078207620	US	04/08/89	910.40
SEVERN	BEWDLEY	S078207620	US	08/08/89	856.83
SEVERN	BEWDLEY	S078207620	US	23/08/89	737.08
SEVERN	BEWDLEY	S078207620	US	01/09/89	953.91
SEVERN	BEWDLEY	S078207620	US	07/09/89	780.96
SEVERN	BEWDLEY	S078207620	US	26/09/89	911.68
SEVERN	BEWDLEY	S078207620	US	04/10/89	737.61
SEVERN	BEWDLEY	S078207620	US	06/10/89	692.47
SEVERN	BEWDLEY	S078207620	US	10/10/89	738.29
SEVERN	BEWDLEY	S078207620	US	19/10/89	732.96
SEVERN	BEWDLEY RECORDER	S077607830	US	19/05/89	1350.95
SEVERN	BEWDLEY RECORDER	S077607830	US	23/05/89	1112.57
SEVERN	BEWDLEY RECORDER	S077607830	US	25/05/89	1475.11
SEVERN	BEWDLEY RECORDER	S077607830	US	26/05/89	1469.58
SEVERN	BEWDLEY RECORDER	S077607830	US	31/05/89	854.93
SEVERN	BEWDLEY RECORDER	S077607830	US	02/06/89	837.82
SEVERN	BEWDLEY RECORDER	S077607830	US	04/06/89	925.17
SEVERN	BEWDLEY RECORDER	S077607830	US	06/06/89	910.14
SEVERN	BEWDLEY RECORDER	S077607830	US	08/06/89	947.98
SEVERN	BEWDLEY RECORDER	S077607830	US	12/06/89	934.16
SEVERN	BEWDLEY RECORDER	S077607830	US	13/06/89	907.20
SEVERN	BEWDLEY RECORDER	S077607830	US	15/06/89	743.99
SEVERN	BEWDLEY RECORDER	S077607830	US	21/06/89	880.93
SEVERN	BEWDLEY RECORDER	S077607830	US	23/06/89	795.31
SEVERN	BEWDLEY RECORDER	S077607830	US	26/06/89	745.03
SEVERN	BEWDLEY RECORDER	S077607830	US	27/06/89	851.04
SEVERN	BEWDLEY RECORDER	S077607830	US	29/06/89	1090.71
SEVERN	BEWDLEY RECORDER	S077607830	US	05/07/89	836.18
SEVERN	BEWDLEY RECORDER	S077607830	US	06/07/89	753.24
SEVERN	BEWDLEY RECORDER	S077607830	US	06/07/89	723.43
SEVERN	BEWDLEY RECORDER	S077607830	US	06/07/89	760.23
SEVERN	BEWDLEY RECORDER	S077607830	US	06/07/89	713.32
SEVERN	BEWDLEY RECORDER	S077607830	US	07/07/89	871.17
SEVERN	BEWDLEY RECORDER	S077607830	US	07/07/89	845.51
SEVERN	BEWDLEY RECORDER	S077607830	US	13/07/89	820.45
SEVERN	BEWDLEY RECORDER	S077607830	US	14/07/89	707.27
SEVERN	BEWDLEY RECORDER	S077607830	US	14/07/89	697.77
SEVERN	BEWDLEY RECORDER	S077607830	US	14/07/89	682.56
SEVERN	BEWDLEY RECORDER	S077607830	US	14/07/89	696.99
SEVERN	BEWDLEY RECORDER	S077607830	US	25/07/89	938.82
SEVERN	BEWDLEY RECORDER	S077607830	US	27/07/89	952.47
SEVERN	BEWDLEY RECORDER	S077607830	US	04/08/89	910.40
SEVERN	BEWDLEY RECORDER	S077607830	US	24/08/89	887.16
SEVERN	BUILDWAS	SJ64400440	US	28/06/89	1262.48
SEVERN	BUILDWAS	SJ64400440	US	28/06/89	1274.40

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
SEVERN	BUILDWAS	SJ64400440	US	06/10/89	831.91
SEVERN	CAERSWS	S003009160	US	05/10/89	153.25
SEVERN	DOLWEN	SN99608510	US	05/10/89	154.46
SEVERN	GLOUCESTER OVER BDGE	S081601960	LS	19/06/89	608.00
SEVERN	GLOUCESTER OVER BDGE	S081601960	LS	27/07/89	233.71
SEVERN	GLOUCESTER OVER BDGE	S081601960	LS	08/08/89	463.80
SEVERN	GLOUCESTER OVER BDGE	S081601960	LS	12/09/89	498.07
SEVERN	GLOUCESTER OVER BDGE	S081601960	LS	11/10/89	487.48
SEVERN	GLOUCESTER WESTGATE	S082501910	LS	19/06/89	1235.87
SEVERN	GLOUCESTER WESTGATE	S082501910	LS	27/07/89	1375.14
SEVERN	GLOUCESTER WESTGATE	S082501910	LS	08/08/89	1172.19
SEVERN	GLOUCESTER WESTGATE	S082501910	LS	12/09/89	1118.29
SEVERN	GLOUCESTER WESTGATE	S082501910	LS	11/10/89	973.14
SEVERN	HAW BRIDGE	S084402790	LS	19/06/89	1818.81
SEVERN	HAW BRIDGE	S084402790	LS	27/07/89	1547.08
SEVERN	HAW BRIDGE	S084402790	LS	08/08/89	1558.40
SEVERN	HAW BRIDGE	S084402790	LS	12/09/89	1525.82
SEVERN	HAW BRIDGE	S084402790	LS	11/10/89	1181.39
SEVERN	LEIGHTON	SJ23500690	US	05/10/89	183.44
SEVERN	MONTFORD	SJ41201440	US	08/06/89	606.53
SEVERN	MONTFORD	SJ41201440	US	19/06/89	695.09
SEVERN	MONTFORD	SJ41201440	US	27/06/89	745.03
SEVERN	MONTFORD	SJ41151445	US	14/07/89	605.07
SEVERN	MONTFORD	SJ41151445	US	01/08/89	746.66
SEVERN	MONTFORD	SJ41151445	US	23/08/89	697.30
SEVERN	MONTFORD	SJ41151445	US	28/09/89	550.87
SEVERN	MONTFORD	SJ41151445	US	06/10/89	423.18
SEVERN	MONTFORD	SJ41151445	US	13/10/89	362.74
SEVERN	MONTFORD	SJ41151445	US	17/10/89	495.83
SEVERN	MONTFORD	SJ41151445	US	27/10/89	2054.06
SEVERN	MYTHE	S088803370	LS	10/10/89	926.82
SEVERN	WORCESTER OLD BRIDGE	S084605470	LS	10/10/89	838.22
SEVERN (MINOR. TRIB)	COEDWAY	SJ34251475	US	14/07/89	0.17
SHERBOURNE	BAGINGTON	SP34307580	LS	25/07/89	13.82
SHERBOURNE	BAGINGTON A45RD BDGE	SP34407560	LS	24/08/89	12.68
SHERBOURNE BK. (TRIB)	HEATH END	SP23206080	LS	04/08/89	0.43
SHERBOURNE BK. (TRIB)	LUSCOMBE FARM	SP22706160	LS	04/08/89	0.86
SHIRLEY BK.	LONGFORD	SK21913785	UT	19/07/89	9.75
SHIRLEY BK.	LONGFORD	SK21913785	UT	08/08/89	10.21
SHIRLEY BK.	LONGFORD	SK21913785	UT	13/09/89	11.42
SHIRLEY BK.	LONGFORD	SK21913785	UT	06/10/89	8.80
SIDLEYMOOR BK.	PRES GREEN	SJ56113108	US	03/05/89	1.56
SLITTING MILL BK.	SLITTING MILL	SK03481734	UT	26/07/89	2.85
SMALLTHORN BK.	FOXLEY BRIDGE	SJ89875010	UT	27/07/89	1.97
SMESTOW BK.	GOTHERSLEY FARM	S086108640	US	07/08/89	40.00
SMESTOW BK.	SWINDON	S086109060	US	07/08/89	35.34
SMESTOW BK.	SWINDON	S086109060	US	19/09/89	34.85
SMESTOW BK.	TRESCOTT FORD	S085209720	US	07/08/89	21.00
SMITE	ELTON	SK72803870	LT	08/08/89	3.28
SMITE	WHATTON	SK72853865	LT	11/09/89	4.92
SMITES BK.	PRIESTS BRIDGE	SP42208040	LS	25/07/89	2.51
SMITES BK.	PRIESTS BRIDGE	SP42208040	LS	24/08/89	2.82
SMITES BK.	SOWE BRIDGE	SP38007940	LS	25/07/89	1.47

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
SMITES BK.	SOWE BRIDGE	SP37907940	LS	24/08/89	2.10
SOAR	LITTLETHORPE	SP54209735	LT	08/06/89	52.10
SOAR	LITTLETHORPE	SP54209735	LT	13/06/89	32.40
SOAR	LITTLETHORPE	SP54209735	LT	06/07/89	21.34
SOAR	LITTLETHORPE	SK54109750	LT	03/08/89	37.67
SOAR	LITTLETHORPE	SK54109730	LT	04/08/89	20.20
SOAR	LITTLETHORPE	SP54209735	LT	24/08/89	17.06
SOAR	LITTLETHORPE	SP54209735	LT	04/09/89	22.18
SOAR	LITTLETHORPE	SK54109750	LT	12/09/89	30.23
SOAR	LITTLETHORPE	SK54109730	LT	13/09/89	22.12
SOAR	LITTLETHORPE	SP54209735	LT	06/10/89	27.62
SOAR	LITTLETHORPE	SP54209735	LT	11/10/89	26.28
SOAR	LITTLETHORPE	SP54209735	LT	19/10/89	23.41
SOAR	RATCLIFFE FORD	SK49602930	LT	04/08/89	313.98
SOAR	RATCLIFFE FORD	SK49602930	LT	13/09/89	283.57
SOAR	RATCLIFFE ON SOAR	SK49802930	LT	08/08/89	248.49
SOAR	SHARNFORD	SK47809190	LT	03/08/89	2.85
SOAR	SHARNFORD	SK47809190	LT	12/09/89	2.56
SOAR	STONEY BRIDGE	SK50409300	LT	03/08/89	6.39
SOAR	STONEY BRIDGE	SK50409300	LT	12/09/89	5.62
SOAR	THURMASTON	SK60201110	LT	04/08/89	26.61
SOAR	THURMASTON	SK60701010	LT	13/09/89	17.15
SOULTON BK.	SOULTON BRIDGE	SJ54513024	US	27/06/89	9.88
SOULTON BK.	SOULTON BRIDGE	SJ54513024	US	18/07/89	4.80
SOW	ECCLESHALL	SJ83102955	UT	05/07/89	14.34
SOW	ECCLESHALL	SJ83102955	UT	18/07/89	14.90
SOW	GREAT BRIDGEFORD	SJ88372693	UT	26/06/89	43.20
SOW	GREAT BRIDGEFORD	SJ88372693	UT	05/07/89	43.89
SOW	GREAT BRIDGEFORD	SJ88352694	UT	18/07/89	39.48
SOW	GREAT BRIDGEFORD	SJ88372693	UT	11/08/89	33.01
SOW	GREAT BRIDGEFORD	SJ88372693	UT	29/09/89	35.71
SOW	GREAT BRIDGEFORD	SJ88402690	UT	18/10/89	29.34
SOW	MILFORD	SJ97502150	UT	12/05/89	386.29
SOW	MILFORD	SJ97502155	UT	12/05/89	386.29
SOW	MILFORD	SJ97502155	UT	22/05/89	232.24
SOW	MILFORD	SJ97502150	UT	22/05/89	232.24
SOW	MILFORD	SJ97502150	UT	13/06/89	206.93
SOW	MILFORD	SJ97502155	UT	13/06/89	206.93
SOW	MILFORD	SJ97502150	UT	21/06/89	168.65
SOW	MILFORD	SJ97502155	UT	21/06/89	168.65
SOW	MILFORD	SJ97502150	UT	28/06/89	210.90
SOW	MILFORD	SJ97502155	UT	28/06/89	210.90
SOW	MILFORD	SJ97502150	UT	05/07/89	202.18
SOW	MILFORD	SJ97502155	UT	05/07/89	202.18
SOW	MILFORD	SJ97502155	UT	12/07/89	146.19
SOW	MILFORD	SJ97502150	UT	12/07/89	146.19
SOW	MILFORD	SJ97502150	UT	18/07/89	158.89
SOW	MILFORD	SJ97502155	UT	25/07/89	144.37
SOW	MILFORD	SJ97502150	UT	25/07/89	144.37
SOW	MILFORD	SJ97502155	UT	11/08/89	113.44
SOW	MILFORD	SJ97502150	UT	11/08/89	113.44
SOW	MILFORD	SJ97502150	UT	16/08/89	160.79
SOW	MILFORD	SJ97502155	UT	16/08/89	160.79

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
SOW	MILFORD	SJ97502155	UT	21/08/89	132.71
SOW	MILFORD	SJ97502150	UT	21/08/89	132.71
SOW	MILFORD	SJ97502155	UT	06/09/89	137.30
SOW	MILFORD	SJ97502150	UT	06/09/89	137.29
SOW	MILFORD	SJ97502155	UT	11/09/89	136.86
SOW	MILFORD	SJ97502150	UT	11/09/89	136.86
SOW	MILFORD	SJ97502155	UT	20/09/89	169.51
SOW	MILFORD	SJ97502150	UT	20/09/89	169.52
SOW	MILFORD	SJ97502155	UT	27/09/89	159.66
SOW	MILFORD	SJ97502155	UT	09/10/89	164.30
SOW	MILFORD	SJ97502155	UT	16/10/89	150.11
SOW	MILFORD	SJ97502155	UT	23/10/89	415.83
SOW	MILFORD	SJ97502155	UT	30/10/89	235.37
SOWE	A423 RD BRIDGE	SP35807630	LS	25/07/89	21.17
SOWE	A45 RD US SHERBOURNE	SP34607560	LS	24/08/89	18.80
SOWE	CLIFFORD BRIDGE A46	SP37708070	LS	25/07/89	11.40
SOWE	CLIFFORD BRIDGE A46	SP37708070	LS	24/08/89	15.00
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	02/06/89	84.15
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	97.37
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	121.39
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	117.42
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	104.03
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	104.98
SPONDON OUTFALL	DERBY WRW	SK39403445	LT	11/07/89	106.19
STAFFORD BK.	WOLSLEY BRIDGE	SJ92152010	UT	04/05/89	2.16
STAFFORD BK.	WOLSLEY BRIDGE	SJ92152010	UT	11/05/89	2.33
STAFFORD BK.	WOLSLEY BRIDGE	SJ92152010	UT	22/05/89	1.38
STOCKTON BK.	NAPTON FIELDS	SP43806210	LS	06/09/89	0.72
STOKE BK.	CALVER	SK23807540	LT	08/09/89	2.27
STOKE BK.	STONE MIDDLETON	SK23807530	LT	27/06/89	4.58
STOKE BK.	STONE MIDDLETON	SK23807530	LT	26/07/89	3.80
STOKE BK.	STONE MIDDLETON	SK23807530	LT	28/09/89	2.09
STOKE BK.	STONE MIDDLETON	SK23807530	LT	18/10/89	1.60
STOKE PARK BK.	OLLERTON	SJ64402600	US	28/06/89	3.34
STOKE PARK BK.	OLLERTON	SJ64402600	US	18/07/89	2.58
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	18/05/89	61.86
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	13/06/89	30.84
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	20/06/89	27.04
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	28/06/89	31.71
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	04/07/89	30.50
STOUR (WARKS)	ALSCOT PARK	SP20805060	LS	12/07/89	34.91
STOUR (WARKS)	ALSCOT PARK	SP19605290	LS	26/09/89	19.18
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19725263	LS	18/05/89	54.43
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19705265	LS	18/05/89	7.43
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605210	LS	02/07/89	19.61
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19505290	LS	04/07/89	30.50
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605290	LS	19/07/89	22.12
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605210	LS	26/07/89	14.08
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605290	LS	11/08/89	13.13
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605210	LS	22/08/89	17.45
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605210	LS	23/08/89	17.45
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19605290	LS	31/08/89	16.42
STOUR (WARKS)	CLIFFORD CHAMBERS	SP19705280	LS	04/09/89	15.12

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
STOUR (WORKS)	CLIFFORD CHAMBERS	SP19605280	LS	12/09/89	13.22
STOUR (WORKS)	CLIFFORD CHAMBERS	SP19605290	LS	19/09/89	49.85
STOUR (WORKS)	CLIFFORD CHAMBERS	SP19705280	LS	25/10/89	34.96
STOUR (WORKS)	MITFORD BRIDGE	SP26203730	LS	18/07/89	7.00
STOUR (WORKS)	MITFORD BRIDGE	SP26203730	LS	26/07/89	5.62
STOUR (WORKS)	MITFORD BRIDGE	SP26203730	LS	25/08/89	5.32
STOUR (WORKS)	SHIPSTON	SP26054045	LS	04/07/89	23.59
STOUR (WORKS)	SHIPSTON	SP26104040	LS	18/07/89	20.22
STOUR (WORKS)	SHIPSTON	SP26104040	LS	26/07/89	14.69
STOUR (WORKS)	SHIPSTON	SP26104040	LS	25/08/89	17.04
STOUR (WORCS)	KIDDER GILT/COLOROL	S083017684	US	21/09/89	112.77
STOUR (WORCS)	KIDDER GILT/COLOROL	S082847687	US	10/10/89	138.97
STOUR (WORCS)	KIDDER(CALLOWES LANE)	S082847687	US	17/05/89	173.92
STOUR (WORCS)	KIDDER(CALLOWES LANE)	S082907670	US	12/07/89	159.75
STOUR (WORCS)	KIDDER(CALLOWES LANE)	S082847687	US	12/07/89	159.75
STOUR (WORCS)	KIDDER(GILT EDGE)	S082847687	US	17/05/89	173.92
STOUR (WORCS)	KIDDER(GILT EDGE)	S082847687	US	17/05/89	173.92
STOUR (WORCS)	KIDDER(GILT EDGE)	S082847687	US	12/07/89	159.75
STOUR (WORCS)	KIDDER(GILT EDGE)	S082847687	US	07/08/89	108.08
STOUR (WORCS)	LYE	S092208500	US	07/08/89	24.28
STOUR (WORCS)	PRESTWOOD	S086908630	US	07/08/89	37.84
STOUR (WORCS)	STOURBRIDGE	S090708480	US	16/05/89	64.02
STOUR (WORCS)	STOURBRIDGE	S090708480	US	30/08/89	52.65
STOUR (WORCS)	STOURBRIDGE	S090708480	US	21/09/89	51.51
STOUR (WORCS)	STOURBRIDGE	S090708480	US	13/10/89	109.16
STOUR (WORCS)	STOURTON	S086208480	US	07/08/89	82.18
STOWE	NAPTON FIELDS	SP43706190	LS	06/09/89	0.13
STOWE	SOUTHAM	SP42206170	LS	06/09/89	0.80
STRATFORD BK.	HILTON	S077609540	US	02/08/89	5.53
STRINE	CRUDGINGTON	SJ64061747	US	27/06/89	31.67
STRINE	CRUDGINGTON	SJ64061747	US	19/07/89	21.47
STRINE	CRUDGINGTON	SJ64061747	US	12/09/89	22.14
STRINE	NEWPORT	SJ74401930	US	12/09/89	3.44
STRINE	RODWAY BRIDGE	SJ66201810	US	12/09/89	11.76
STRINE BK.	BUTTERY FARM	SJ69001730	US	12/09/89	6.60
STRINE BK.	NEWPORT	SJ74401940	US	27/06/89	6.94
STRINE BK.	NEWPORT	SJ74301940	US	18/07/89	3.35
STRINE (TRIB)	DUKES DRIVE	SJ65301630	US	12/09/89	8.19
SWANS BK.	B4090	SP00506130	LS	07/08/89	1.47
SWANS BK.	ELCOCKS BK.	SP01036455	LS	16/06/89	0.00
SWANS BK.	ELCOCKS BK.	SP01006460	LS	01/09/89	0.26
SWANS BK.	FECKENHAM	SP00506150	LS	26/07/89	2.25
SWANS BK.	FECKENHAM	SP00506105	LS	25/08/89	1.30
SWANS BK.	FECKENHAM D/S	SP00506090	LS	16/06/89	2.42
SWANS BK.	OLD YARR RD. BDGE	SP01656285	LS	16/06/89	2.68
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	04/07/89	13.39
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	17/07/89	9.16
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	26/07/89	6.05
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	31/07/89	8.99
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	09/08/89	8.29
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	14/08/89	8.64
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	21/08/89	8.38
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	05/09/89	8.64

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	19/09/89	9.08
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	25/09/89	8.58
SWARBOURNE	MEADOW LANE YOXALL	SK15201770	UT	09/10/89	7.94
SWIFT	CHURCHOVER	SP50508140	LS	25/07/89	9.59
SWIFT	CHURCHOVER	SP50508140	LS	24/08/89	6.59
SWIFT	LUTTERWORTH	SP54508410	LS	25/07/89	6.05
SWIFT	LUTTERWORTH	SP54508410	LS	24/08/89	4.75
SWIFT	RUGBY	SP50507750	LS	25/07/89	1.56
SWIFT	RUGBY	SP50507750	LS	24/08/89	1.61
SWILGATE	TEWKESBURY	SO88903320	LS	19/07/89	5.10
SWILGATE	TEWKESBURY	SO88903220	LS	26/07/89	4.32
SWILGATE	TEWKESBURY	SO88903220	LS	25/08/89	5.62
SWILGATE	TEWKESBURY	SO88903220	LS	10/10/89	5.22
TACH BK.	FOSSE WAY	SP34005960	LS	20/10/89	0.67
TACH BK.	NR.CONFL.AVON	SP29506350	LS	18/07/89	4.41
TACH BK.	NR.CONFL.AVON	SP29506350	LS	25/07/89	3.97
TACH BK.	NR.CONFL.AVON	SP29506350	LS	24/08/89	3.75
TAD BK.	BAGOTS BROMLEY	SK06002595	UT	26/07/89	1.62
TAME	BESCOT	SP01229582	UT	12/05/89	268.62
TAME	BESCOT	SP01229582	UT	16/08/89	118.96
TAME	BESCOT	SP01209580	UT	22/08/89	78.11
TAME	BESCOT	SP01229582	UT	14/09/89	71.47
TAME	BESCOT	SP01229582	UT	13/10/89	143.67
TAME	HOPWAS	SK18120520	UT	18/05/89	1008.37
TAME	HOPWAS	SK18120520	UT	14/06/89	935.45
TAME	HOPWAS	SK18120520	UT	17/07/89	815.36
TAME	HOPWAS	SK18120520	UT	14/08/89	834.74
TAME	HOPWAS	SK18120520	UT	22/08/89	798.43
TAME	HOPWAS	SK18120520	UT	11/09/89	879.21
TAME	HOPWAS	SK18120520	UT	03/10/89	808.36
TAME	HOPWAS	SK18120520	UT	09/10/89	874.83
TAME	M6 JUNCTN 9	SO99909640	UT	22/08/89	30.41
TAME	PERRY PARK	SP06109190	UT	15/05/89	148.87
TAME	PERRY PARK	SP06009200	UT	22/08/89	128.48
TAME	PERRY PARK	SP06109190	UT	13/10/89	232.41
TAME	PERRY PARK	SP06109190	UT	17/10/89	110.45
TAME	REA D/S CONFLUENCE	SP10758961	UT	17/10/89	166.44
TAME	SANDWELL	SP02919262	UT	22/05/89	158.11
TAME	SANDWELL	SP02919262	UT	26/09/89	134.91
TAME	SHEEPWASH	SO97409180	UT	10/07/89	18.32
TAME	WATER ORTON	SP16949141	UT	22/08/89	227.78
TAME OLDBURY ARM	IZONS LANE	SO98989035	UT	22/08/89	1.54
TAME OLDBURY ARM	PARK HILL	SP00169569	UT	12/05/89	185.33
TAME OLDBURY ARM	PARK HILL	SP00169569	UT	16/08/89	28.78
TAME OLDBURY ARM	PARK HILL	SP00109570	UT	22/08/89	25.32
TAME OLDBURY ARM	PARK HILL	SP00169569	UT	15/09/89	39.38
TAME OLDBURY ARM	PARK HILL	SP00169569	UT	22/09/89	38.05
TAME OLDBURY ARM	PARK HILL	SP00169569	UT	16/10/89	21.95
TAME OLDBURY ARM	SHEEPWASH	SO97429222	UT	10/07/89	18.32
TAME OLDBURY ARM	SHEEPWASH	SO97429220	UT	22/08/89	12.42
TAME OLDBURY ARM	SHEEPWASH	SO97429222	UT	28/09/89	11.52
TAME TOTAL FLOW	LEA MARSTON	SP20749374	UT	27/06/89	1270.86
TAME TOTAL FLOW	LEA MARSTON	SP20749374	UT	22/08/89	541.04

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
TAME TOTAL FLOW	LEA MARSTON	SP20749374	UT	27/09/89	662.66
TAME WILLENHALL ARM	JAMES BRIDGE	SO98889752	UT	12/05/89	91.24
TAME WILLENHALL ARM	JAMES BRIDGE	SO98889752	UT	16/08/89	52.33
TAME WILLENHALL ARM	JAMES BRIDGE	SO98889752	UT	22/08/89	36.53
TAME WILLENHALL ARM	JAMES BRIDGE	SO98889752	UT	15/09/89	50.73
TAME WILLENHALL ARM	JAMES BRIDGE	SO98889752	UT	16/10/89	29.78
TAME WILLENHALL ARM	WATERY LANE	SO95229920	UT	22/08/89	0.94
TAME (L/C)	LEA MARSTON	SP20749374	UT	27/06/89	651.89
TAME (L/C)	LEA MARSTON	SP20749374	UT	22/08/89	259.55
TAME (L/C)	LEA MARSTON	SP20749374	UT	27/09/89	326.06
TAME (R/C)	LEA MARSTON	SP20749374	UT	27/06/89	618.97
TAME (R/C)	LEA MARSTON	SP20749374	UT	22/08/89	281.53
TAME (R/C)	LEA MARSTON	SP20749374	UT	27/09/89	336.60
TANAT	LLANYBLODWEL	SJ25202250	US	20/06/89	52.96
TANAT	LLANYBLODWEL	SJ25202250	US	14/07/89	51.09
TANAT	LLANYBLODWEL	SJ25202250	US	31/07/89	39.23
TANAT	LLANYBLODWEL	SJ25202250	US	03/08/89	32.91
TANAT	LLANYBLODWEL	SJ25202250	US	23/08/89	30.85
TANAT	LLANYBLODWEL	SJ25252225	US	19/10/89	73.56
TANAT FEEDER	CARREGHOFA HALL	SJ25302160	US	20/07/89	5.78
TANAT FEEDER	CARREGHOFA HALL	SJ25302160	US	26/08/89	6.43
TANAT FEEDER	CARREGHOFA HALL	SJ25302160	US	29/09/89	3.42
TEAN	CHECKLEY	SK02813765	UT	19/07/89	10.25
TEAN	CHECKLEY	SK02813765	UT	09/08/89	8.97
TEAN	CHECKLEY	SK02813765	UT	13/09/89	10.43
TEAN	CHECKLEY	SK02813765	UT	06/10/89	9.56
TEAN	FOLE	SK04543713	UT	19/07/89	17.39
TEAN	FOLE	SK04543713	UT	09/08/89	13.29
TEAN	FOLE	SK04543713	UT	13/09/89	16.37
TEAN	FOLE	SK04543713	UT	06/10/89	14.35
TEAN	UTTOXETER	SK09223484	UT	19/07/89	38.93
TEAN	UTTOXETER	SK09223484	UT	09/08/89	23.73
TEAN	UTTOXETER	SK09223484	UT	13/09/89	40.18
TEAN	UTTOXETER	SK09223484	UT	06/10/89	27.55
TEME	BEGUILDY	SO19108020	US	03/08/89	3.62
TEME	CRIFTINFORD BRIDGE	SO42007210	US	03/08/89	65.44
TEME	KNIGHTON	SO28907240	US	03/08/89	15.47
TEME	KNIGHTSFORD	SO73405570	US	15/05/89	539.40
TEME	KNIGHTSFORD	SO73405570	US	26/06/89	223.17
TEME	KNIGHTSFORD	SO73605555	US	20/07/89	185.16
TEME	KNIGHTSFORD	SO73605560	US	03/08/89	107.65
TEME	KNIGHTSFORD	SO73405570	US	21/08/89	134.35
TEME	KNIGHTSFORD	SO73405570	US	18/09/89	270.38
TEME	LUDLOW U/S CORVE	SO50507520	US	04/08/89	80.77
TEME	TENBURY	SO59906855	US	12/07/89	174.44
TEME	TENBURY	SO59706850	US	20/07/89	120.36
TEME	TENBURY	SO59606860	US	04/08/89	107.01
TEME	TENBURY	SO59706850	US	22/09/89	118.65
TEME	WALFORD	SO38507310	US	03/08/89	21.91
TEMPLE BK.	TEMPLE BALSALL	SP20607620	UT	23/08/89	1.30
TERN	WILLOUGHBRIDGE	SJ74303955	US	28/06/89	2.36
TERN	WILLOUGHBRIDGE	SJ74303955	US	18/07/89	3.53
TETCHILL BK.	HORDLEY	SJ38303050	US	28/06/89	6.60

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
THELSFORD BK. (TRIB)	LIGHTHORNE	SP33405580	LS	20/10/89	0.09
THORPE BK.	THORPE ARNOLD	SK76502015	LT	03/08/89	1.60
THORPE BK.	THORPE ARNOLD	SK76502015	LT	12/09/89	1.43
THURLASTON BK.	HUNCOTE	SK51509740	LT	03/08/89	10.54
THURLASTON BK.	HUNCOTE	SK51509740	LT	12/09/89	8.88
TIPTON BK.	TOLL END U/S WRW	SO97569323	UT	22/08/89	9.07
TOFT BK.	DUNCHURCH U/S WRW	SP47207000	LS	29/09/89	0.10
TORNE	AUCKLEY	SK64550130	LT	08/06/89	70.24
TORNE	ROSSINGTON BRIDGE	SK62959969	LT	07/08/89	22.80
TORNE	SHEEPWASH BRIDGE	SK61109410	LT	07/08/89	13.16
TORNE	SPITAL HILL	SK60709320	LT	07/08/89	12.67
TORNE	STYRRUP	SK59309030	LT	07/08/89	0.52
TORNE	TORNE BRIDGE A614	SK67800345	LT	07/08/89	27.97
TORNE (TRIB)	CLAYCROFT BRIDGE	SK57009250	LT	07/08/89	1.52
TOTON WRW	OUTFALL PIPE NO 1	SK50903370	LT	11/09/89	3.65
TOTON WRW	OUTFALL PIPE NO 1	SK50903370	LT	11/09/89	9.63
TOTON WRW	OUTFALL PIPE NO 1	SK50903370	LT	16/10/89	6.14
TOTON WRW	OUTFALL PIPE NO 2	SK50903370	LT	16/10/89	13.38
TOTON WRW	OUTFALL PIPE NO 2U/S	SK50753360	LT	08/08/89	5.31
TOTON WRW	OUTFALL PIPE NO.2D/S	SK50753360	LT	08/08/89	10.71
TRANNON	TREFEGLWYS	SN98109050	US	05/10/89	1.10
TRENT	BROWN EDGE	SJ89685404	UT	27/07/89	1.18
TRENT	COLWICK	SK62003990	LT	27/05/89	1423.53
TRENT	COLWICK	SK62003990	LT	28/07/89	2220.48
TRENT	COLWICK	SK62003990	LT	01/08/89	3123.19
TRENT	COLWICK	SK62003990	LT	08/08/89	1744.13
TRENT	COLWICK	SK62003990	LT	22/08/89	1974.59
TRENT	COLWICK	SK62003990	LT	24/08/89	2066.34
TRENT	COLWICK	SK62003990	LT	24/08/89	1985.13
TRENT	COLWICK	SK62003990	LT	08/09/89	2045.65
TRENT	COLWICK	SK62003990	LT	10/10/89	2258.32
TRENT	COLWICK	SK62003990	LT	12/10/89	2118.87
TRENT	COLWICK	SK62003990	LT	20/10/89	3503.23
TRENT	DARLASTON	SJ88543544	UT	28/07/89	117.82
TRENT	DARLASTON	SJ88543544	UT	26/09/89	111.45
TRENT	DARLASTON	SJ88543544	UT	18/10/89	127.98
TRENT	DARLASTON	SJ88543544	UT	24/10/89	217.68
TRENT	DRAKELOW	SK23902040	UT	11/08/89	2208.77
TRENT	DRAKELOW	SK23902040	UT	25/09/89	1394.98
TRENT	DRAKELOW	SK23902040	UT	19/10/89	1260.45
TRENT	DRAKELOW	SK23902040	UT	30/10/89	2436.14
TRENT	GREAT HAYWOOD	SJ99352308	UT	28/07/89	198.02
TRENT	NORTH MUSKHAM	SK80406060	LT	23/05/89	3564.43
TRENT	NORTH MUSKHAM	SK80406060	LT	09/06/89	5052.93
TRENT	NORTH MUSKHAM	SK80406060	LT	13/07/89	2913.41
TRENT	NORTH MUSKHAM	SK80406060	LT	17/07/89	2405.98
TRENT	NORTH MUSKHAM	SK80406060	LT	08/08/89	2210.68
TRENT	NORTH MUSKHAM	SK80406060	LT	30/08/89	1937.41
TRENT	NORTON GREEN	SJ90115212	UT	27/07/89	1.42
TRENT	SHARDLOW	SK44303030	LT	28/07/89	1177.63
TRENT	SHARDLOW	SK44602990	LT	08/08/89	1265.07
TRENT	SHARDLOW	SK44602990	LT	10/10/89	1413.10
TRENT	STOKE	SJ89264665	UT	26/06/89	9.94

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
TRENT	STOKE	SJ89244671	UT	27/07/89	8.94
TRENT	STRONGFORD A34	SJ87303923	UT	28/07/89	64.99
TRENT	WILFORD	SK56503770	LT	22/06/89	2400.45
TRENT	YOXALL	SK13231772	UT	21/07/89	402.62
TRENT	YOXALL	SK13231772	UT	26/07/89	377.62
TRENT	YOXALL	SK13231772	UT	11/08/89	467.62
TRENT	YOXALL	SK13231772	UT	15/09/89	416.19
TRENT	YOXALL	SK13231772	UT	25/09/89	397.98
TRENT	YOXALL	SK13231772	UT	03/10/89	373.91
TRENT	YOXALL	SK13231772	UT	19/10/89	365.21
TRENT	YOXALL	SK13231772	UT	27/10/89	541.94
TRENT	YOXALL	SK13231772	UT	30/10/89	879.72
TUFTS LEVEL	BROCKHOLLANDS	SO62000500	LS	30/10/89	1.48
TUFTS LEVEL	FISH PONDS U/S	SO62000500	LS	29/09/89	1.83
TUFTS LEVEL	US FLUME DS FISHPOND	SO62000500	LS	29/09/89	0.92
TUFTS LEVEL	U/S FLUME	SO62000500	LS	16/10/89	1.28
UNAMED STREAM	BEVERCOTES	SK69907290	LT	22/08/89	1.95
UNAMED STREAM	FORDEN SCHOOL	SJ22800116	US	03/05/89	0.12
UNAMED STREAM	FORDEN SCHOOL	SJ22800116	US	03/05/89	0.09
VICAR WATER	OLD CLIPSTONE	SK60506480	LT	18/07/89	0.26
VICAR WATER	OLD CLIPSTONE	SK60406480	LT	22/08/89	0.20
VICAR WATER	OLD CLIPSTONE	SK60406480	LT	14/09/89	0.17
VYRNWY	LLANYMYNECH	SJ25201950	US	08/06/89	252.72
VYRNWY	LLANYMYNECH	SJ25201950	US	20/06/89	310.00
VYRNWY	LLANYMYNECH	SJ25201950	US	31/07/89	153.19
VYRNWY	LLANYMYNECH	SJ25201950	US	03/08/89	143.65
VYRNWY	LLANYMYNECH	SJ25201950	US	23/08/89	144.16
VYRNWY	LLANYMYNECH	SJ25201950	US	06/10/89	184.86
VYRNWY	LLANYMYNECH	SJ25201960	US	19/10/89	241.25
WALESBY BK.	LOUND HALL	SK69957290	LT	14/09/89	3.61
WESLEY BK.	GRINDLEFORD	SJ75350327	US	02/08/89	31.02
WESLEY BK.	GRINDLEFORD	SJ53500327	US	02/08/89	4.81
WESTEND	HOWDEN RESERVOIR	SK15459285	LT	08/05/89	11.58
WESTEND	HOWDEN RESERVOIR	SK15459285	LT	12/06/89	7.78
WESTEND	HOWDEN RESERVOIR	SK15459285	LT	02/10/89	4.49
WHETSTONE BK.	WHETSTONE	SK55609710	LT	03/08/89	1.43
WHETSTONE BK.	WHETSTONE	SK55609710	LT	12/09/89	1.73
WHIPLING	WHATTON	SK75203850	LT	08/08/89	1.04
WHIPLING	WHATTON	SK75253855	LT	11/09/89	1.33
WHISSENDINE BK.	STAPLEFORD PARK U/S	SK82501720	LT	03/08/89	2.37
WHISSENDINE BK.	STAPLEFORD PARK U/S	SK82501720	LT	12/09/89	2.17
WHISTON BK.	MITTON MANOR	SJ88831474	UT	05/07/89	2.42
WHISTON BK.	MITTON MANOR	SJ88831474	UT	18/07/89	1.81
WILSON BK.	WILSON	SK40302440	LT	07/08/89	0.00
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	03/05/89	0.22
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	26/05/89	0.11
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	07/06/89	0.17
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	05/07/89	0.03
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	28/07/89	0.01
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	15/08/89	0.00
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	06/09/89	0.00
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	28/09/89	0.00
WINDMILL POOL INPUT	100 ACRE FM BROOME	SO89907850	LS	16/10/89	0.00

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE Ml/d
WITHY BK.	HIGH BRIDGE	SP38608070	LS	24/08/89	2.38
WOOD BK.	GUILD LANE	SJ78082114	US	12/09/89	1.13
WOOD BK.	LOUGHBOROUGH U/S WRW	SK53102130	LT	04/08/89	7.17
WOOD BK.	LOUGHBOROUGH U/S WRW	SK53102130	LT	13/09/89	14.33
WOOD BK.	NEW GUILD FARM	SJ77902080	US	08/08/89	2.64
WOOD BK.	RADMORE LANE	SJ78862148	US	12/09/89	1.08
WOODHOUSE BK.	NEWTOWN LINFORD	SK51501020	LT	04/08/89	1.43
WOODHOUSE BK.	NEWTOWN LINFORD	SK51501020	LT	13/09/89	1.53
WOOTTON BK.	PETTIFORD BRIDGE	SP16106390	LS	19/07/89	10.28
WOOTTON BK.	PETTIFORD BRIDGE	SP16106390	LS	26/07/89	9.59
WOOTTON BK.	PETTIFORD BRIDGE	SP16206390	LS	25/08/89	8.72
WORFE	BECKBURY	SJ75800160	US	02/08/89	6.71
WORFE	BURCOTE	SO74609550	LS	02/08/89	24.80
WORFE	COSFORD	SJ78500456	US	02/08/89	3.78
WORFE	HOLE FARM	SJ77900540	US	02/08/89	1.02
WORFE	LIZARD MILL FORD	SJ78620961	US	02/08/89	1.09
WORFE	RYTON	SJ75960265	US	02/08/89	5.86
WORFE	STAPLEFORD	SO75909880	US	02/08/89	9.85
WORFE	WORFIELD	SO76009540	US	02/08/89	7.00
WORFE (TRIB)	BADGER DINGLE	SO76409920	US	02/08/89	0.99
WORMSWORTH BECK	NEW INGS	SK58509820	LT	07/08/89	9.94
WORMSWORTH BECK	SPRINGWELL LANE	SK56209940	LT	07/08/89	3.20
WREAKE	BROOKSBY	SK66901640	LT	03/08/89	21.70
WREAKE	BROOKSBY	SK66901640	LT	12/09/89	16.00
WREAKE	FRISBY	SK68601780	LT	03/08/89	20.40
WREAKE	FRISBY 15M DS GATE	SK69601810	LT	17/08/89	9.24
WREAKE	FRISBY BY PASS CHANN	SK69701800	LT	17/08/89	5.53
WREAKE	FRISBY BY PASS CHANN	SK69701800	LT	24/10/89	10.70
WREAKE	FRISBY D/S GATE	SK69601810	LT	24/10/89	33.57
WREAKE	GATE HANGS WELL	SK62251288	LT	03/08/89	20.12
WREAKE	LEWIN BRIDGE	SK62251288	LT	12/08/89	13.83
WREAKE	LEWIN BRIDGE	SK62251288	LT	12/09/89	15.65
WREAKE	SYSTON	SK61501240	LT	12/06/89	54.09
WREAKE	SYSTON	SK61501240	LT	04/08/89	36.12
WREAKE	SYSTON	SK61501240	LT	05/09/89	22.05
WREAKE	SYSTON	SK61201220	LT	13/09/89	22.01
WREAKE (TRIB)	LEICESTER RD IND EST	SK73701770	LT	21/08/89	0.00
WROTTERSLEY BK.	PENDEFORD	SJ89100350	UT	05/07/89	8.21
WROTTERSLEY BK.	PENDEFORD	SJ89100350	UT	18/07/89	8.52
WYE	ASHFORD	SK18206960	LT	27/06/89	133.14
WYE	ASHFORD	SK18206965	LT	26/07/89	103.85
WYE	ASHFORD	SK18306975	LT	30/08/89	93.71
WYE	ASHFORD	SK18206960	LT	08/09/89	90.05
WYE	ASHFORD	SK18306975	LT	19/09/89	88.67
WYE	ASHFORD	SK18286972	LT	28/09/89	79.05
WYE	ASHFORD	SK18306975	LT	05/10/89	78.68
WYE	ASHFORD	SK18306970	LT	10/10/89	78.33
WYE	ASHFORD	SK18406970	LT	18/10/89	75.50
WYE	ASHWOOD DALE	SK08407250	LT	27/06/89	58.15
WYE	ASHWOOD DALE	SK08207250	LT	08/09/89	20.93
WYE	ASHWOOD DALE	SK08257250	LT	28/09/89	13.90
WYE	BUXTON D/S WRW	SK08007250	LT	26/07/89	23.75
WYE	BUXTON D/S WRW	SK08107250	LT	05/10/89	18.10

TABLE 1
FLOW GAUGINGS MAY-OCTOBER 1989 (CONTINUED)

RIVER NAME	SITE NAME	NGR	AREA	DATE OF GAUGING	DISCHARGE ml/d
WYE	BUXTON D/S WRW	SK08107250	LT	18/10/89	15.80
WYE	BUXTON U/S WRW	SK07907250	LT	05/10/89	0.76
WYE	BUXTON U/S WRW	SK06507345	LT	18/10/89	3.74
WYE	MAGPIE SOUGH U/S	SK17906970	LT	05/10/89	48.39
WYE	MAGPIE SOUGH U/S	SK17906970	LT	18/10/89	43.70
WYE	ROWSLEY	SK25106564	LT	23/06/89	193.19
WYE	ROWSLEY	SK25106560	LT	26/07/89	131.59
WYE	ROWSLEY	SK25206560	LT	08/09/89	110.83
WYE	ROWSLEY	SK25206560	LT	28/09/89	96.53
WYE	ROWSLEY	SK25206560	LT	18/10/89	90.32
WYE	WORMHILL SPRING D/S	SK12407350	LT	18/10/89	24.17
WYE	WORMHILL SPRING D/S	SK12427350	LT	05/10/89	18.90
WYE	WORMHILL SPRING U/S	SK12307350	LT	18/10/89	10.47
WYE	WORMHILL SPRING U/S	SK12347350	LT	05/10/89	10.31
WYE (TRIB)	BURBAGE/BUXTON	SK06807230	LT	11/09/89	1.78

TABLE 2
LOW FLOW SURVEY 1989
UPPER SEVERN CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	27/06/89	18/07/89
DULAS	RHOS-Y-PENTREF (MDF)	SN95008240	3.80	1.40
CLYWEDOG	BRYNTAIL (MDF)	SN91308680	309.00	402.00
SEVERN	DOLWEN	SN99608310		
TRANNON	TREFEGLWYS	SN98109050		
CARNO	CAERSWS	S002609180		
SEVERN	CAERSWS	S003009160		
CANAL FEEDER	PENARTH WEIR	S013959256		18.48
BECHAN BK.	ABERCHAN	S014009383		
MULE	ABERMULE	S016409460		
SEVERN	ABERMULE	S016459570		411.00
RHIW	BERRIEW	SJ18800070		
SEVERN	LEIGHTON	SJ23500690		
BELE BK.	WERN BRIDGE D/S	SJ25301368		0.01
BELE BK.	WERN BRIDGE U/S	SJ25321368		3.26
NEW CUT	CANAL OUTFALL D/S	SJ25341406		4.44
NEW CUT	NEATH BK. U/S CONFL	SJ27361563		4.73
NEATH BK.	NEW CUT U/S CONFL	SJ27401369		1.40
NEW CUT	OFFAS DYKE U/S	SJ28201370		5.50
VYRNWY	VYRNWY WEIR (MDF)	SJ01901910	92.20	87.00
COWNWY DIVERSION	COWNWY WEIR (MDF)	SH99901790	6.00	2.40
TANAT	LLANYBLODWEL	SJ25202250		51.09
TANAT	LLANYBLODWEL (MDF)	SJ25202250	73.40	37.80
TANAT FEEDER	CARREGHOFA HALL	SJ25302160		5.78
VYRNWY	LLANYMYNECH	SJ25201950		
MAESBURY FEEDER	NEWBRIDGE	SJ30502490		0.22
MORDA	LLWYNTIDMDN	SJ29352050		
SEVERN (MINOR. TRIB)	COEDWAY	SJ34251475		0.17
SEVERN	MONTFORD	SJ41201440	745.00	605.00
TETCHILL BK.	HORDLEY	SJ38303050	6.60	
PERRY	YEATON (MDF)	SJ43401920	33.70	44.70
REA BK. (TRIB)	REABROOK FM.	SJ36250445		0.00
REA BK.	HORSE BRIDGE	SJ37050590	8.54	
MINSTERLEY BK.	PLOXGREEN	SJ36800395	4.23	
CRUCKTON BK.	CRUCKTON	SJ43250979	4.92	
REA BROOK	HOOKAGATE (MDF)	SJ46600920	31.00	25.50
TERN	WILLOUGHBRIDGE	SJ74303955	2.36	3.53
TERN	TERNHILL (MDF)	SJ62903160	43.50	34.90
COAL BK.	CHIPNALL	SJ72603235	5.46	4.80
STOKE PARK BK.	OLLERTON	SJ64402600	3.34	2.58
TERN	EATON ON TERN (MDF)	SJ64902300	83.60	65.60
HUMESFORD BK.	GUILD LANE	SJ78802030		
WOOD BK.	RADMORE LANE	SJ78862148		
WOOD BK.	GUILD LANE	SJ78082114		
WOOD BK.	NEW GUILD FARM	SJ77902080		
DAWFORD BK.	GREAT CHATWELL	SJ80001440		
LYNN BK.	LYNN	SJ78701570		
LYNN BK.	STOCKTON MOORS	SJ78801620		
MORETON BK.	LYNN BK. D/S CONFL	SJ78801620		
MORETON BK.	STOCKTON MOORS	SJ78501680		
BACK BK.	EUXLEY	SJ78101810		
COLEY BK.	COLEY MILL	SJ78101930		
MEESE	A519 ROAD BRIDGE	SJ75002070		15.22
MEESE	FORTON	SJ74902080	13.22	
LONCO BK. (TRIB)	HIGH OFFLEY	SJ77602640		
LONCO BK.	TUNSTALL	SJ76902675	2.33	2.87
LONCO BK.	KNIGHTON	SJ74702665	4.75	4.35

03/08/89	08/08/89	12/09/89	05/10/89
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1.40	0.90	1.50	3.00
381.00	477.00	304.00	128.00
			154.00
			1.10
			1.52
			153.00
			21.89
			0.84
			3.89
			165.00
			3.23
			183.00

86.90	91.10	77.80	76.20
2.20		1.80	3.40
32.91			
32.10	24.70	31.40	36.90
144.00			185.00
			16.87
747.00			42.20
33.50	36.00	33.10	35.60

20.80	18.50	19.00	17.10
33.90	34.20	38.40	37.80

70.20	73.20	72.00	70.20
	0.67	0.79	
		1.08	
		1.13	
	2.64		
	1.30	1.14	
	0.35		
		1.53	
	3.20		
	8.04	9.59	
	6.21	9.51	
	7.17	10.26	
		44.22	
	0.63	0.91	
	1.78	1.73	

RIVER NAME	LOCATION DESC.
LONCO BK.	WESTON JONES
LONCO BK. (TRIB)	WESTON JONES
LONCO BK.	WHITLEYFORD BRIDGE
MEESE	PULESTON
LONCO BK.	FORTON
SAM BK.	SAMBROOK
MEESE	TIBBERTON (MDF)
POTFORD BROOK	SANDYFORD BR. (MDF)
STRINE BK.	NEWPORT
STRINE	NEWPORT
STRINE BK.	BUTTERY FARM
STRINE	RODWAY BRIDGE
STRINE (TRIB.)	WAPPENSHALL MOOR
STRINE (TRIB)	DUKES DRIVE
STRINE	CRUDGINGTON
STRINE	CRUDGINGTON (MDF)
RODEN	SPENFORD BRIDGE
RODEN	ASTON HALL
SOULTON BK.	SOULTON BRIDGE
RODEN	SHAWBURY
RODEN	RODINGTON (MDF)
TERN	WALCOT (MDF)
COUND BK.	COUND
COUND BK.	VENUSBANK A45B
HARLEY BK.	SHEINTON
SEVERN	BUILDWAS
SEVERN	BUILDWAS (MDF)
WORFE	LIZARD MILL FORD
WORFE	HOLE FARM
NEACH LEY BK.	HOLE FARM
ALBRIGHTON BK.	COSFORD
WORFE	COSFORD
WESLEY BK.	GRINDLEFORD
WORFE	RYTON
WORFE	BECKBURY
MAD BK.	BECKBURY
WORFE	STAPLEFORD
WORFE (TRIB)	BADGER DINGLE
WORFE	WORFIELD
STRATFORD BK.	HILTON
WORFE	BURCOTE (MDF)
MOR BK.	EARDINGTON
BORLE BK.	BORLE MILL NETHERTON
DOWLES BROOK	OAK COTTAGE (MDF)
SEVERN	BEWDLEY
SEVERN	BEWDLEY (MDF)
STOUR (WORCS)	LYE
STOUR (WORCS)	PRESTWOOD
SMESTOW BK.	TRESCOTT FORD
PENN BK.	WOMBOURNE
SMESTOW BK.	SWINDON
SMESTOW BK.	GOTHERSLEY FARM
STOUR (WORCS)	STOURTON
HAGLEY BK.	BLAKEDOWN U/S WRW
STOUR (WORCS)	KIDDER/GILT EDGE
STOUR (WORCS)	KIDDER/CALLOWES (MDF)

TABLE 2 CONTINUED

LOW FLOW SURVEY 1989
UPPER SEVERN CATCHMENT

NGR	27/06/89	18/07/89	03/08/89	08/08/89	12/09/89	05/10/89
SJ75502430				0.14		
SJ75602430				0.09		
SJ74652380	5.70	5.49		3.90	3.51	
SJ73402190	24.80					
SJ74602190	5.70			3.78	0.16	
SJ71652455	19.61	18.47			20.40	
SJ68002050	55.90	39.10	36.70	36.30	41.80	51.10
SJ63402200	6.80	5.30	4.60	4.20	3.90	3.60
SJ74401940	6.94	3.35				
SJ74401930					3.44	
SJ69001730					6.60	
SJ66201810					11.76	
SJ66901540				5.22		
SJ65301630					8.19	
SJ64061747	31.67	21.47			22.14	
SJ64061747	30.30	20.00	17.20	18.50	17.30	21.10
SJ47712969	5.43	3.05				
SJ53002856	21.03	11.16				
SJ54513024	9.88	4.80				
SJ56142127	35.07	26.98				
SJ58901410	43.90	32.00	28.30	25.10	33.40	35.40
SJ59201230	232.00	224.00	207.00	215.00	238.00	257.00
SJ55800560						9.26
SJ55800565	15.28					
SJ60600410						1.45
SJ64400440	1262.00					832.00
SJ64400440	1201.00	1019.00	1052.00	1007.00	973.00	826.00
SJ78620961			1.09			
SJ77900540			1.02			
SJ78300670			2.47			
SJ78100458			0.65			
SJ78500456			3.78			
SJ75350327			4.81			
SJ75960265			5.86			
SJ75800160			0.71			
SJ75700150			2.12			
S075909880			9.85			
S076409920			0.99			
S076009540			7.00			
S077609540			5.53			
S074709530	23.60	18.10	21.30	20.00	24.50	32.10
S070659050			6.65			
S073308265			6.13			
S076807640	4.10	2.90	2.90	2.20	4.00	2.40
S078207620	745.00		910.00			736.00
S078207620	1026.00	915.00	969.00	827.00	882.00	739.00
S092208500				24.28		
S086908630				37.84		
S085209720				21.00		
S085809230				3.63		
S086109060				35.34		
S086108640				40.00		
S086208480				82.18		
S087257825				1.24		
S082847687				108.00		
S082907670	244.00	162.00	133.00	145.00	138.00	154.00

All flows in Mld

TABLE 2 CONTINUED

LOW FLOW SURVEY 1989

UPPER SEVERN CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	27/06/89	18/07/89	03/08/89	08/08/89	12/09/89	05/10/89
BATTLEFIELD BK.	BROMSGROVE U/S WRW	S096106940				1.19		
HEN BK.	HENBROOK	S092906690				1.72		
SALWARPE	HENBROOK	S092786685				12.18		
HADLEY BROOK	WARDS BRIDGE (MDF)	S087006310	7.90	6.00	5.40	6.80	6.60	6.10
SALWARPE	HARFORD HILL	S086806180		30.33		27.92		
TEME	BEGUILDY	S019108020			3.62			
TEME	KNIGHTON	S028907240			15.47			
TEME	WALFORD	S038507310			21.91			
CLUN	CLUN	S030008080			8.21			
CLUN	CLUNUNFORD	S039307860			21.12			
TEME	CRIFTINFORD BRIDGE	S042007210			65.44			
ONNY	CHEYNEY LONGVILLE	S043208480			4.33			
BYNE BK(D/S QUINNEY)	STREETFORD	S044408560			4.35			
ONNY	ONIBURY	S045507890		16.76	9.55			
TEME	LUDLOW U/S CORVE	S050507520			80.77			
CORVE	CULMINGTON	S049408210			4.06			
CORVE	LUDLOW	S051007540			9.62			
LEDWYCHE BK. LUDLOW	DOGDITCH BK D/S	S054007640			9.75			
LEDWYCHE BK.	TENBURY U/S OF TEME	S057506820			10.00			
KYRE BK.	TENBURY	S059706840			2.87			
TEME	TENBURY	S059706850		120.00	107.00			
TEME	TENBURY (MDF)	S059706850	191.00	129.00	94.10	76.40	83.60	70.60
CORN BK.	CLEE HILL	S060317555			1.56			
REA	HARDWICKFORGE	S066208210			11.32			
REA	NEEN SOLLARS	S066407240			20.22			
TEME	KNIGHTSFORD	S073405570	223.00	185.00	108.00			
TEME	KNIGHTSFORD (MDF)	S073405570	249.00	154.00	129.00	118.00	112.00	80.50
LEIGH BK.	LEIGH COURT	S078205350			5.62			
LAUGHERNE BK.	A4103	S082805390			2.42			

All Flows in Mld

TABLE 3
LOW FLOW SURVEY 1
AVON CATCHMENT

RIVER NAME	LOCATION DESC.	NGR
AVON	NORTH KILWORTH	SP62008200
CLAYCOTTON BK.	LILBOURNE	SP56807740
AVON	LILBOURNE	SP56307780
AVON	BROWNSOVER U/S WKS.	SP52307660
AVON	BROWNSOVER D/S WKS.	SP51307640
SWIFT	LUTTERWORTH	SP54508410
SWIFT	CHURCHOVER	SP50508140
SWIFT	RUGBY	SP50507750
AVON	RUGBY	SP50207760
AVON	LITTLE LAWFORD	SP46907710
AVON	RYTON BRIDGE	SP36807530
AVON	STARETON	SP33267156
AVON	STARETON (MDF)	SP33267156
WITHY BK.	HIGH BRIDGE	SP38608070
SMITES BK.	PRIESTS BRIDGE	SP42208040
SMITES BK.	SOWE BRIDGE	SP38007940
SOWE	A423 RD BRIDGE	SP35807630
SOWE	A45 RD US SHERBOURNE	SP34607560
SOWE	CLIFFORD BRIDGE A46	SP37708070
SOWE	STONELEIGH (MDF)	SP33107300
SHERBOURNE	BAGINGTON	SP34307580
FINHAM BK.	KENILWORTH	SP30007290
AVON	WARWICK	SP29906530
LEAM	THURLASTON BRIDGE	SP46806860
LEAM	MARTON	SP40606910
ITCHEN	SOUTHAM	SP40206160
ITCHEN	BISHOPS ITCHINGTON	SP39605840
ITCHEN	SNOWFORD BRIDGE	SP39306640
LEAM	EATHORPE	SP38806880
LEAM	EATHORPE (MDF)	SP38806880
LEAM	LEAMINGTON (MDF)	SP30706540
TACH BK.	NR. CONFL. AVON	SP29506350
DENE	WALTON HALL	SP29105080
DENE	WELLESBOURNE	SP27305560
DENE	WELLESBOURNE (MDF)	SP27305560
STOUR (WORCS)	MITFORD BRIDGE	SP26203730
KNEE BK.	DITCHFORD FRIARY	SP23603770
KNEE BK.	HIGH FURZE	SP25403760
STOUR (WORCS)	SHIPSTON	SP26104040
STOUR (WORCS)	CLIFFORD CHAMBERS	SP19605290
MARCHFONT BK.	WESTON	SP16105156
ARROW	ALVECHURCH U/S WRW	SP03307180
ARROW	REDDITCH IPSLEY	SP06106640
ARROW	REDDITCH D/S IPSLEY	SP06506550
ARROW	STUDLEY	SP07506370
ARROW	ALCESTER	SP09205780
ALNE	HENLEY IN ARDEN	SP15306530
WOOTTON BK.	PETTIFORD BRIDGE	SP16106390
ALNE	WOOTEN WAWEN	SP15506300
EDSTONE BK.	HERMITAGE BRIDGE	SP16906120
ALNE	GREAT ALNE U/S	SP13105950
ALNE	GREAT ALNE	SP11805910
ALNE	HOD MILL	SP10605780
ARROW	BROOM	SP08705330
CLAY BK.	BLACKMINSTER	SP07204420
BADSEY BK.	OFFENHAM	SP06304490

18/07/89 25/07/89 07/08/89 24/08/89

	5.10		7.26
	1.64		1.30
	3.28		3.11
	6.91		6.00
	6.83		1.18
	6.05		4.75
	9.39		6.59
	1.56		1.61
	10.02		10.93
	34.99		24.68
	45.06		39.63
	35.77		34.90
58.00	46.50	38.80	40.10
			2.38
	2.51		2.82
	1.47		2.10
	21.17		
			18.80
	11.40		15.00
181.00	124.00	126.00	119.00
	13.82		12.68
5.44	3.54		3.66
263.00	145.00		
3.63	2.59		3.11
10.89	7.69		7.92
2.07	1.81		1.62
0.52	0.26		0.10
8.47	4.58		5.40
47.43	41.56		19.90
50.50	38.40	29.00	34.50
21.00	34.30	19.90	13.20
4.41	3.97		3.75
2.33	1.21		0.92
7.34			4.96
5.40	4.30	3.90	3.40
7.00	5.62		5.32
			11.98
12.18	8.12		
20.22	14.69		17.04
22.12	14.08		17.05
0.52	0.35		0.71
3.63	3.54		3.53
	13.39		
17.71			15.11
17.54	16.07		16.36
44.41			35.78
9.01	4.92		5.28
10.28	9.59		8.72
13.29	9.68		14.45
3.54	0.09		3.34
	20.05		
29.38			
			24.81
	60.31		54.06
1.56	0.69		0.69
8.64	4.67		7.34

All Flows in Mld

TABLE 3 CONTINUED

LOW FLOW SURVEY 1989

AVON CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	18/07/89	25/07/89	07/08/89	24/08/89
BADSEY BK.	OFFENHAM (MDF)	SP06304490	5.60	3.80	4.50	5.10
ISBOURNE	WINCHCOMBE	SP02802880	6.31	5.79		5.27
ISBOURNE	WORMINGTON	SP03703640	8.64	6.74		5.44
ISBOURNE	HINTON	SP02304080	8.73	7.52		7.95
ISBOURNE	HINTON (MDF)	SP02304080	8.60	5.40	6.00	6.00
AVON	HAMPTON PARKS	SP03304470	376.00	483.00		386.00
PIDDLE BK.	WYRE PIDDLE	S096204750	6.31	3.63		5.21
BOW BK. (TRIB.LB)	NORGROVE COURT	SP00606530			0.00	
BOW BK.	HAM GREEN	SP01406380			0.52	1.04
HUNT END BK.	HUNT END	SP03406380			0.35	
HUNT END BK.	BUNKERS HOLE	SP02206270			0.52	
HUNT END BK.	BUNKERS HOLE	SP02006280				0.60
BOW BK.	BUNKERS HOLE	SP01706280			1.30	1.64
BOW BK.	FECKENHAM	SP00506150		2.25		1.30
BOW BK.	B4090	SP00506130			1.47	
BRANDON BK.	SHURNOCK COURT B4090	S002806090			0.35	
BRANDON BK. (TRIB.RB)	ASTWOOD COURT	SP02906210			0.52	
BRANDON BK. (TRIB.RB)	B4090	SP02006110			0.60	
BRANDON BK.	BOW BK. U/S CONFL	SP00706020			0.86	0.60
BOW BK.	PRIEST BDGE D/S WRW	S099105990			3.28	3.80
BOW BK.	PRIEST BDGE	S098905990	4.32	5.18		
BOW BK.	SHELL	S095105970	7.86	5.62		7.02
BOW BK.	BESFORD	S092704630	9.07	5.27		8.41
BOW BK.	BESFORD (MDF)	S092704630	13.20	8.50	8.10	8.70
AVON	BREDON	S092103730		298.00		
AVON	BREDON (MDF)	S092103730	569.00	400.00	398.00	412.00
CARRANT BK.	MOTORWAY CULVERT	SP91803480	3.63			
CARRANT BK.	TENKESBURY	S089603300		2.42		2.68
SWILGATE	TENKESBURY	S088903320	5.10	4.32		5.62

All flows in Mld

TABLE 4
LOW FLOW SURVEY 1989
LOWER SEVERN AND GLOUCESTER CATCHMENTS

RIVER NAME	LOCATION DESC.	NGR	27/07/89	08/08/89	12/09/89	11/10/89
CAREYS BK. (TRIB)	LEIGH SINTON	S077905010		0.00		
CAREYS BK. (TRIB)	INTERFIELD	S077804990		0.00		
CAREYS BK.	BASTONFORD	S081205160		0.35		
CAREYS BK.	POWICK	S083305070	0.17	0.78	3.51	
SEVERN	SAXONS LODGE (MDF)	S086303900	1151.00	1150.00	1182.00	1080.00
LONGDON BK.	LONGDON	S083803680	4.84	3.97	5.05	5.30
SEVERN	MYTHE	S088803370				927.00
SEVERN	HAW BRIDGE	S084402790	1547.00	1558.00	1526.00	1181.00
CHELT	SANDFORD	S095402150	7.15	2.85	1.79	
CHELT	WITBY BRIDGE	S090402460	3.77	3.02	4.30	
CHELT	SLATE MILL	S089202640			29.94	17.66
HATHERLEY BK.	LONGFORD	S084102140	8.28	10.03	13.73	
HORSEBERE BK.	LONGFORD	S084002120	1.98	0.60	0.66	
LEADON	LEDBURY	S069803730		2.16	3.43	
GLYNCH BK.	CLENCHERS MILL	S073203500		0.00	0.24	
GLYNCH BK.	PEPPER MILL	S073703430			0.00	
GLYNCH BK.	MOTORWAY CULVERT M50	S075603300		0.00	0.00	
GLYNCH BK.	STANBROOK FM.	S077702800	1.47	0.86	1.41	
ELL BK.	CLEEVE MILL	S073202620	1.64	2.16	3.66	
LEADON	WEDDERBURN	S077602340	16.68	22.12	24.78	24.95
LEADON	WEDDERBURN BR. (MDF)	S077702340	21.60	21.00	24.50	25.60
SEVERN	GLOUCESTER OVER BDGE	S081601960	234.00	464.00	498.00	487.00
SEVERN	GLOUCESTER WESTGATE	S082501910	1375.00	1172.00	1118.00	973.00
DIMORE BK.	QUEDGELEY	S080001390	0.13		0.09	
FROME	CHALFORD	S089200240		11.68	12.39	
FROME	EBLEY	S082800440	80.49	73.46	61.88	53.11
CINDERFORD BK.	CINDERFORD	S065201080	0.17	1.12	1.43	
PLUMMERS BK.	SOILWELL	S064600550		0.16		
PLUMMERS BK.	SOILWELL	S064600550		0.32		
PLUMMERS BK.	U/S A48	S065700460		0.31		

All flows in Mld

RIVER NAME

LOCATION DESC.

RIVER NAME	LOCATION DESC.
TRENT	BROWN EDGE
TRENT	NORTON GREEN
SMALLTHORN BK.	FOXLEY BRIDGE
TRENT	STOKE
TRENT	STOKE (MDF)
FOWLEA BK.	TUNSTALL
FOWLEA BK.	ETRURIA
LYME BK.	HANFORD
TRENT	STRONGFORD A34
TRENT	DARLASTON
TRENT	DARLASTON (MDF)
SCOTCH BK.	STONE
GAYTON BK.	WESTON
TRENT	GREAT HAYWOOD
R.SOW	WALKMILL (MDF)
BROCKTON BK.	BROCKTON
SOW	ECCLESHALL
MEECE BK.	STANDON
CHATCULL BK.	STANDON
MEECE BK.	MILL MEECE
MEECE BK.	NORTON BRIDGE
MEECE BK.	SHALLOWFORD
MEECE BK.	SHALLOWFORD (MDF)
SOW	GREAT BRIDGEFORD
SOW	GT.BRIDGEFORD (MDF)
GAMESLEY BK.	SEIGHFORD
DOXEY BK.	DOXEY BRIDGE
WROTTESELEY BK.	CODSALL
WROTTERSLEY BK.	PENDEFORD
SARENDON BK.	DEEMORE FARM
BREWOD BK.	BREWOD
PENK	SOMERFORD BRIDGE
DOLEY BK.	GNOSALL
CHURCH EATON BK.	MITTON
WHISTON BK.	MITTON MANOR
BOSCOMBE BK.	PENKRIDGE
PENK	PENKRIDGE
PENK	ACTON TRUSSEL
OLDACRE BK.	BROCTON (MDF)
SOW	MILFORD
BOURN BK.	COLTON
SLITTING MILL BK.	SLITTING MILL
BLITHE	UPPER LEIGH
BLITHE	NEWTON HURST
TAD BK.	BAGOTS BROMLEY
BLITHE	HAMSTALL RIDWARE
TRENT	YOXALL
BOURNE BK.	HANCH
BOURNE BK.	WHITACRE
SWARBOURNE	MEADOW LANE YOXALL
PYFORD BK.	WOOD END
TAME WILLENHALL ARM	WATERY LANE
DARLASTON BK.	PORKETS BRIDGE
TAME WILLENHALL ARM	JAMES BRIDGE
TAME WILLENHALL ARM	JAMES BRIDGE (MDF)
TAME	M6 JUNCTN 9

TABLE 5
LOW FLOW SURVEY 1989
UPPER TRENT CATCHMENT

NGR	05/07/89	18/07/89	28/07/89	23/08/89	26/09/89
SJ89685404			1.18		
SJ90115212			1.42		
SJ89875010			1.97		
SJ89244671			8.94		
SJ89244671	11.20	10.10	10.10	8.00	9.80
SJ85255062			0.35		
SJ86604702			13.14		
SJ86254280			12.47		
SJ87303923			64.99		
SJ88543544			118.00		111.00
SJ88543544	148.00	137.00	130.00	124.00	136.00
SJ90803457			8.75		
SJ97412760			5.60		
SJ99352308			198.00		
SJ79302980	6.20	5.40	3.80	3.10	3.60
SJ82203125	2.33	1.99			
SJ83102955	14.34	14.90			
SJ82483503	4.49	3.37			
SJ80703460	2.42	2.07			
SJ83363320	13.39	11.32			
SJ86833065		13.82			
SJ87502908	19.53				
SJ87502908	21.20	17.80	14.30	14.40	15.00
SJ88372693	43.89	39.48			
SJ88372693	39.90	37.20	30.80	29.50	32.40
SJ87752545	1.38	1.12			
SJ89852375	5.01	3.89			
SJ87500415	2.51	2.02			
SJ89100350	8.21	8.52			
SJ92710822	4.32	5.62			
SJ88750870	1.56	1.52			
SJ89530925	32.57	34.30			
SJ82792052	0.43	0.30			
SJ88541528	7.60	5.88			
SJ88831474	2.42	1.81			
SJ92301425	4.41	5.53			
SJ92201445	48.73	48.82	45.19		45.91
SJ93351754	84.59	74.68			
SJ96102020	0.30	0.30	0.30	0.30	0.40
SJ97502155	202.00		144.00	160.00	
SK04722029			3.19		
SK03481734			2.85		
SK00653615			7.68		
SK04852590			11.73		
SK06002595			1.62		
SK10901910			38.63		
SK13231772			378.00		398.00
SK10521378			4.84		
SP21709140				2.42	
SK15201770		9.16	6.05		8.58
SK12971314			6.98		
SO95229920				0.94	
SO96659718				2.53	
SO98889752				36.53	
SO98889752	82.20	98.10	100.00	66.90	59.10
SO99909640				20.41	

All Flows in Mld

TABLE 5 CONTINUED

LOW FLOW SURVEY 1989

UPPER TRENT CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	05/07/89	18/07/89	28/07/89	23/08/89	26/09/89
FORD BK.	RUSHALL	SK02600110				6.83	
FORD BK.	BROCKHURST	SP00309660				21.43	
TAME OLDBURY ARM	IZONS LANE	SD98989035				1.54	
TIPTON BK.	TOLL END U/S WRW	SD97569323				9.07	
TAME OLDBURY ARM	SHEEPWASH	SD97429220				12.42	
TAME OLDBURY ARM	PARK HILL	SP00109370				25.32	
TAME OLDBURY ARM	PARK HILL (MDF)	SP00109370	40.30	35.90	32.60	26.40	25.10
TAME	BESCOT	SP01209380				78.11	
TAME	BESCOT (MDF)	SP01209380	147.00	166.00	161.00	99.40	101.00
TAME	SANDWELL	SP02919262					135.00
TAME	PERRY PARK	SP06009200				128.00	
TAME	PERRY PARK (MDF)	SP06009200	174.00	192.00	194.00	194.00	181.00
REA	CALTHORPE PARK	SP07088469				17.63	
REA	CALTHORPE PARK (MDF)	SP07088469	18.30	23.60	19.80	20.10	24.00
PLANTS BK.	PENNS LANE WALMLEY	SP12979312				5.62	
TAME	WATER ORTON	SP16949141				228.00	
COLE	MAJORS GREEN	SP09887733				1.30	
COLE	SPRINGFIELD	SP09958208				4.75	
KINGHURST BK.	CHELMSLEY WOOD	SP18038735				10.63	
COLE	BACONS END	SP18338747				14.24	
COLE	BACONS END (MDF)	SP18338747	17.50	17.90	16.10	14.80	15.70
BLYTHE	CHESWICK GREEN	SP12707540				1.12	
BLYTHE	BARSTON	SP20107750				5.01	
CUTTLE BK.	TEMPLE BALSALL	SP20507620				2.16	
TEMPLE BK.	TEMPLE BALSALL	SP20607620				1.30	
BLYTHE	PATRICK BRIDGE	SP21508130				32.40	
BLYTHE	CASTLE FARM	SP21258875				33.70	32.31
BLYTHE	WHITACRE	SP21209100				24.28	16.99
BLYTHE	WHITACRE (MDF)	SP21209100	30.10	26.70	30.50	31.40	27.60
TAME TOTAL FLOW	LEA MARSTON	SP20749374				541.00	663.00
TAME TOTAL FLOW	LEA MARSTON (MDF)	SP20749374	702.00	698.00	607.00	641.00	615.00
LANGLEY BK.	MIDDLETON	SP17629810				2.95	
CRANE BK.	CHESTERFIELD	SK1005057				4.30	
FOTHERLEY BK.	LITTLE ASTON	SP09200180				1.88	
FOTHERLEY BK.	SHENSTONE	SP10420460				11.58	
BLACK BK.	SHENSTONE	SK11550490				13.03	
BOURNE BK.	HINTS HALL BRIDGE	SK16080262		14.95			19.80
ANKER	BRAMCOTE BRIDGE	SP41418881				3.07	
ANKER	A4254 NEW ROAD	SP38109160				12.10	
ANKER	LEATHER MILL FM.	SP33909350				25.68	
ANKER	ATHERSTONE A5	SP32529720				50.60	
SENCE	KELHAM BRIDGE	SK40581203				4.18	
SENCE	BILSTONE	SK36530515				10.03	
SENCE	RATCLIFFE CULEY	SP32159960				15.01	
PENMIRE BK.	GRENDON	SP27509968				1.77	
ANKER	POLESWORTH	SK26290342				76.64	
ANKER	POLESWORTH (MDF)	SK26290342	73.20	67.70	63.50	69.60	70.40
TAME	HOPWAS	SK18120520		815.00		798.00	
PACKINGTON BK.	PACKINGTON	SK35931442			2.97		
MEASE	MEASHAM	SK32701157			7.76		6.68
HOBBOROUGH BK.	ACRESFORD	SK29911318			3.11		
MEASE	NETHERSEAL	SK28751276			14.14		
MEASE	STONES BRIDGE	SK26241144		17.19	15.29		17.38
MEASE	HARLASTON	SK21501117			14.74		
TRENT	DRAKELOW	SK23902040					1395.00
TRENT	DRAKELOW (MDF)	SK23902040	1287.00	1239.00	1072.00	990.00	1010.00

All flows in Mld

TABLE 5 CONTINUED

LOW FLOW SURVEY 1989

UPPER TRENT CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	05/07/89	18/07/89	28/07/89	23/08/89	26/09/89
DARKLANDS BK.	STANTON U/S WRW	SK26711925					1.01
DARKLANDS BK.	DRAKELOW	SK24522012			9.49		

All flows in Mld

RIVER NAME	LOCATION DESC.
DOVE	HOLLINSCLOUGH
DOVE	HARTINGTON
DOVE	IZAAK WALTON
DOVE	IZAAK WALTON (MDF)
MANIFOLD	HULME END
HAMPS	WATERHOUSES
MANIFOLD	ILAM
MANIFOLD	ILAM (MDF)
BRADBOURNE BK.	CALLOW
HENMORE BK.	CARSINGTON
HENMORE BK.	CARSINGTON (MDF)
HENMORE BK.	ASHBOURNE
DOVE	ROCESTER
CHURNET	TITTESWORTH
CHURNET	BROADS BRIDGE
CHURNET	BRIDGE END
DINGLE BK.	COWHAY WOOD
CHURNET	LEEK A53 RD BRIDGE
CHURNET	LEEK U/S WRW
LEEK BK.	LEEK BROOK
CHURNET	JOSHUA WARDLE
CHURNET	BASFORD BRIDGE
CHURNET	BASFORD BRIDGE (MDF)
ENDON BK.	WALLGRANGE
CHURNET	FROGHALL
CHURNET	CONSALL FORGE D/S
CHURNET	OAKMOOR
CHURNET	ALTON
CHURNET	ROCESTER
CHURNET	QUIXHILL
TEAN	FOLE
TEAN	CHECKLEY
TEAN	UTTOXETER
MARCHINGTON BK.	MARCHINGTON
FOSTON BK.	FOSTON
DOVE	MARSTON
DOVE	MARSTON (MDF)
ROLLESTON BROOK	ROLLESTON (MDF)
BRAILSFORD BK.	ARDSLEY
SHIRLEY BK.	LONGFORD
HILTON BK.	HILTON
DOVE	EGGINTON

TABLE 6

LOW FLOW SURVEY 1989
DOVE AND CHURNET CATCHMENTS

NGR	19/07/89	08/08/89	12/09/89	28/09/89	05/10/89
SK06306680	4.04	2.90	2.12		2.57
SK12056005	21.25	12.49	7.92		6.56
SK14715092	70.83	51.74	46.47		42.62
SK14715092	76.20	62.30	49.50	43.90	42.10
SK10625958	12.06	5.62	7.15		7.15
SK08445022	4.89	2.53	2.24		2.33
SK13905075	67.48	38.47	45.39		39.02
SK13905075	63.30	45.70	37.80	35.80	33.70
SK17224688	18.25	15.30	11.72		8.09
SK23954995	1.90	1.09	1.93		2.24
SK23954995	1.20	0.80	1.20	0.90	
SK17674632	7.86	4.80	5.80		6.02
SK11253970	198.00	133.00	125.00		121.00
SJ99235810	19.48	22.89	7.79	7.36	
SJ97865716			19.34	14.71	
SJ97265718			12.23	11.73	
SJ96195640			3.21	2.38	
SJ97425529	20.83	23.93	15.65	12.26	
SJ97855455			16.20	13.96	
SJ98605395			0.71	0.65	
SJ98055372			33.33	32.89	
SJ98305190	52.44	47.17	46.64	41.02	
SJ98305190	49.30	49.40	47.90	42.70	45.60
SJ96595355	5.52	5.85	10.07	6.38	
SK02684675			54.11	53.91	
SK00084860			63.23	48.27	
SK05294440			67.16	66.64	
SK07164255	118.00	89.98	84.34	80.08	82.06
SK10754000	99.95	93.83	86.51	69.78	79.55
SK10104111			89.55	84.09	
SK04543713	17.39	13.29	16.37		14.35
SK02813765	10.25	8.97	10.43		9.56
SK09223484	38.93	23.73	40.18		27.55
SK13583070	3.82	3.63	3.78		3.57
SK18863190	5.20	4.99	5.03		3.60
SK23612888	379.00	319.00	299.00		274.00
SK23612888	373.00	314.00	303.00	276.00	278.00
SK13502880	10.90	8.10	8.60	7.50	7.60
SK22443805	12.12	8.00	9.95		5.10
SK21913785	9.75	10.21	11.42		8.80
SK24203055	22.22	19.55	23.41		21.91
SK26862705	264.00	196.00	249.00		144.00

All flows in Mld

RIVER NAME

LOCATION DESC.

NGR

RIVER NAME	LOCATION DESC.	NGR
DERWENT	YORKSHIRE BRIDGE	SK19808510
DERWENT	YORKSHIRE BR. (MDF)	SK19808510
NOE	EDALE U/S DIVERSION	SK14608575
NOE	HOPE D/S DIVERSION	SK16708470
NOE	SHATTON U/S DER CONF	SK20308260
STOKE BK.	STONEV. MIDDLETON	SK23807530
BAR BK.	BASLOW	SK25807215
DERWENT	CHATSWORTH	SK25706580
DERWENT	CHATSWORTH (MDF)	SK25706580
DERWENT	ROWSLEY, U/S WYE CONF	SK25906570
WYE	BUXTON U/S WRW	SK06507345
WYE	BUXTON D/S WRW	SK08007250
WYE	ASHWOOD DALE	SK08407250
WYE	WORMHILL SPRING U/S	SK12307350
WYE	WORMHILL SPRING D/S	SK12407350
WYE	MAGPIE SOUGH U/S	SK17906970
MAGPIE SOUGH	ASHFORD	SK18006960
WYE	ASHFORD	SK18206960
LATHKILL	ALPORT	SK22106440
BRADFORD	YOULGREAVE	SK20906400
LATHKILL	PICKERING WOOD	SK23906840
WYE	ROWSLEY	SK25106360
HILLCARR SOUGH	ROWSLEY	SK25906390
BENTLEY BK.	MATLOCK	SK30103980
DERWENT	MATLOCK BATH	SK29605860
MEERBROOK SOUGH	WHATSTANDWELL	SK33103480
AMBER	WOOLEY MOOR	SK36706100
AMBER	HALLFIELD GATE	SK38605820
ALFRETON BK.	ALFRETON	SK41505700
ALFRETON BK.	TOADHOLE FURNACE	SK39005640
AMBER	WINGFIELD PARK	SK37305200
AMBER	WINGFIELD PARK (MDF)	SK37505200
HARTSHAY BK.	WINGFIELD PARK	SK37505180
AMBER	AMBERGATE	SK34705170
DERWENT	WHATSTANDWELL	SK33105440
DERWENT	AMBERGATE	SK33805380
DERWENT	DUFFIELD	SK33104355
ECCLESBOURNE	IDRIDGEHAY	SK29004890
ECCLESBOURNE	PUSS IN BOOTS	SK32004470
BOTTLE BK.	LITTLE EATON	SK36404150
DERWENT	DARLEY ABBEY	SK35403820
DERWENT	DERBY ST. MARYS	SK36103600
DERWENT	DERBY ST. MARYS (MDF)	SK36103600
MACKWORTH BK.	KIRK IRETON	SK28903900
MACKWORTH BK.	KIRK LANGLEY	SK28953895
MARKEATON BK.	MARKEATON	SK33203820
DERWENT	DRAYCOTT	SK44503350
DERWENT	CHURCH WILNE (MDF)	SK43803160

TABLE 7
LOW FLOW SURVEY 1989
DERWENT CATCHMENT

27/6/89	26/07/89	07/09/89	27/09/89	10/10/89	17/10/89
40.35	40.44	69.83	67.63	53.82	54.11
40.30	39.70	76.00	70.40	56.70	57.77
46.57	13.65	9.97	8.85		20.44
25.23	23.67	23.04	22.95		17.82
			30.18		25.75
4.58	3.80	2.27	2.09		1.60
6.91	6.31	5.52	4.60		3.00
	119.00	131.00		126.00	
192.00	142.00	139.00	131.00	125.00	126.00
144.00			124.00		103.00
					3.74
	23.75				13.80
58.15		20.93	13.90		
					10.47
					24.17
					43.70
27.39	32.75	29.89	29.67		30.38
133.00	104.00	90.05	79.03	78.33	75.50
13.56		6.40	4.79		3.50
	7.55	0.99	2.10		1.14
15.80		5.50	2.64		1.11
	132.00	111.00	96.53		90.32
			29.67		25.46
8.81	5.96	6.76	7.01		5.28
351.00	336.00	293.00	277.00	240.00	249.00
4.06	8.91	14.06	12.33		4.35
5.96	3.97	3.02	3.78		3.53
7.08	7.02	6.45	5.18		4.06
20.13	15.55	17.16	10.61		19.01
28.68	17.96	23.62	16.23		27.30
	27.97	32.43	27.29	33.13	29.41
50.70	33.20	31.40	29.70	29.20	31.20
5.26		4.58	4.16		4.92
48.38	40.82	40.44	36.55		32.99
419.00					
384.00	339.00	261.00	282.00		218.00
550.00	465.00	389.00	421.00	331.00	
5.62	4.03	3.23	3.40		3.07
11.66	9.57	8.93	9.63		8.66
8.73	8.21	7.26	7.34		9.11
			327.00		
457.00	370.00	304.00	333.00	290.00	285.00
493.00	377.00	333.00	342.00	296.00	296.00
		0.11	0.10		
0.26	0.17				
11.32	8.64	8.18	8.64		17.12
437.00	392.00	427.00	427.00	470.00	359.00
570.00	452.00	466.00	387.00	340.00	320.00

All flows in Mld

RIVER NAME

SOAR
 SOAR
 ASTLEY BK.
 THURLASTON BK.
 SOAR
 SOAR
 WHETSTONE BK.
 SENCE
 FLECKNEY BK.
 SENCE
 COUNTSTHORPE BK.
 SENCE
 SENCE
 HUMBERSTONE BK.
 KEYHAM BK.
 SOAR
 WHISSSENDINE BK.
 EYE (TRIB.)
 EYE
 THORPE BK.
 SCALFORD BK.
 KETILEBY BK.
 WREAKE
 WREAKE
 QUENIBOROUGH BK.
 WREAKE
 WREAKE
 WREAKE
 WREAKE
 ROTHLEY BK.
 ROTHLEY BK. (TRIB.)
 ROTHLEY BK. (TRIB.)
 ROTHLEY BK.
 ROTHLEY BK.
 ROTHLEY BK.
 ROTHLEY BK.
 LIN BK.
 QUORN BK. (TRIB.)
 SOAR
 WOOD BK.
 BLACKBROOK
 GRACE DIEU BK.
 BLACKBROOK
 KINGSTON BK.
 SOAR

TABLE 8
LOW FLOW SURVEY 1989
SOAR CATCHMENT

LOCATION DESC.	NGR	03/08/89	12/09/89
SHARNFORD	SP47809190	2.85	2.56
STONEY BRIDGE	SP50409300	6.39	3.62
BROUGHTON ASTLEY	SK52509260	3.02	2.38
HUNCOTE	SK51509740	10.54	8.88
LITTLETHORPE	SP54109730	37.67	30.23
LITTLETHORPE (MDF)	SP54109730	36.80	32.50
WHETSTONE	SK55609710	1.43	1.73
LITTLE STRETTON	SK66300020	0.78	1.10
KIBWORTH BRIDGE	SP65909490	0.69	1.08
WISTOW	SP62809560	4.41	4.68
COUNTRESTHORPE	SP59409580	1.73	1.80
SOUTH WIGSTON	SP58859770	21.29	20.09
SOUTH WIGSTON (MDF)	SP58859770	15.80	13.00
HUMBERSTONE PARK	SK61900505	3.18	2.19
BELGRAVE	SK60400730	0.54	0.66
THURMASTON	SK60201110	26.61	17.15
STAPLEFORD PARK U/S	SK82501720	2.37	2.17
SAXBY	SK82101940	3.39	3.11
BRENTINGBY	SK77401860	7.31	4.93
THORPE ARNOLD	SK76502015	1.60	1.43
SPINNEY FARM	SK76102170	2.74	1.92
ASFORDBY	SK71701920	1.20	1.04
FRISBY	SK68601780	20.40	
BROOKSBY	SK66901640	21.70	16.00
NEW QUENIBOROUGH	SK64301320		0.70
GATE HANGS WELL	SK62301285	20.12	
LEWIN BRIDGE	SK62251288		15.65
SYSTON	SK61501240	36.12	22.01
SYSTON (MDF)	SK61501240	53.20	37.30
MERRYLEAS	SK47200560	4.97	7.99
DESFORD	SK47800420		0.72
KIRBY MUXLOE	SK52000510	7.77	10.47
ANSTEY	SK56200990	13.82	21.04
ROTHLEY	SK58101220	14.60	20.40
ROTHLEY (MDF)	SK58101220	15.80	20.80
A6 RD BRIDGE	SK59101340	16.45	21.96
NEWTOWN LINFORD	SK51501020	1.43	1.53
QUORN	SK55401680	0.62	0.60
PILLINGS LOCK (MDF)	SK56501820	239.00	211.00
LOUGHBOROUGH U/S WRW	SK53102130	7.17	14.33
ONE BARROW	SK46601700	0.78	0.79
BELTON	SK45902100	9.42	6.05
SHEPshed	SK48802080	10.80	7.82
KINGSTON ON SOAR	SK50302770	1.81	1.45
RATCLIFFE FORD	SK49602930	314.00	284.00

All flows in Mld

TABLE 9
LOW FLOW SURVEY 1989
LOWER TRENT CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	19/07/89	08/08/89	22/08/89	25/08/89	11/09/89	14/09/89	16/10/89
REPTON BK.	REPTON	SK30302730		4.92					
BREEDON BK.	BREEDON	SK41102320		0.00					
WILSON BK.	WILSON	SK40302440		0.00					
TRENT	SHARDLOW	SK44303030		1265.00					
EREWASH	KIRKBY U/S WRW	SK49005490	1.04				0.92		0.86
EREWASH	PINXTON KIRKBY PK FM	SK46435470							12.10
EREWASH	PINXTON U/S WRW	SK45605440		6.83			9.40		
EREWASH	PYE BRIDGE	SK44315280							14.16
EREWASH	JACKSDALE	SK44353147							15.71
EREWASH	PYE BRIDGE D/S ST/FD	SK44704960		24.80			17.88		
EREWASH	MILNHAY U/S WRW	SK45704660		3.97			4.22		5.64
EREWASH	GILTBROOK U/S WRW	SK46304350		15.38			14.47		19.98
GILTBROOK	NEWTORPE D/S WRW	SK47504440							13.78
EREWASH	ILKESTON	SK47334245							25.18
EREWASH	HALLAM FIELDS U/S	SK47704050		37.76			30.39		
EREWASH	TROWELL	SK47764050							22.36
EREWASH	STANTON GATE	SK48403860							45.89
EREWASH	SANDIACRE	SK48303650		44.06			45.72		37.77
PASTURE LANE DYKE	SANDIACRE	SK48523505							7.15
EREWASH	TOTON	SK50253422					59.43		39.33
EREWASH	TOTON U/S WRW OUTFLO	SK50753360		54.90					
TOTON WRW	OUTFALL (TOTAL FLOW)	SK50903370		16.03			13.28		20.39
FAIRHAM BK.	CLIFTON	SK56003620		6.71					
LEEN	PAPPLEWICK LIDO U/S	SK54805012		9.32					
LEEN	BESTWODD	SK54754750		8.52					
LEEN	BULWELL MARKET	SK54054505		12.18					
LEEN	VERNON RD	SK54954345		17.78					
DAY BK.	LEEN CONFL IMMED U/S	SK55204305		2.02					
LEEN	TRIUMPH RD	SK55003940		11.40			13.75		
TRENT	COLWICK	SK62003990		1744.00	1975.00				
TRENT	COLWICK (MDF)	SK62003990	2273.00	2118.00	1972.00	2102.00	2067.00	2217.00	1951.00
DOVER BECK	LOWDHAM	SK65274798		3.28		4.11			
DOVER BECK	LOWDHAM (MDF)	SK65274798	4.10	3.20	3.80	4.70	3.80	3.70	3.50
DOVER BECK	CAYTHORPE	SK68604560				4.39			
GREET (TRIB)	KIRKLINGTON	SK68505740				0.69			
GREET (TRIB)	KIRKLINGTON	SK67705730				2.60			
GREET (TRIB)	KIRKLINGTON	SK67705680				0.00			
GREET (TRIB)	KIRKLINGTON	SK68405700				3.11	3.76		
HALAM DUMBLE	MAYTHORNE	SK68705570				1.60	1.63		
GREET	MAYTHORNE	SK69705530				4.16			
GREET	SOUTHWELL	SK71555395		7.43		6.32	8.14		
HALLOUGHTON DUMBLE	ROLLESTON	SK73605240		2.59					
DEVON	WOOLSTHORPE	SK83603420		1.99			1.69		
DEVON	BOTTESFORD	SK80603900		1.73			1.51		
SMITE	WHATTON	SK72853865		3.28			4.92		
WHIPLING	WHATTON	SK75203850		1.04			1.33		
DEVON	WENSOR BRIDGE	SK78654375	12.96	11.23	9.24		12.10		
CARR DYKE	ELSTON	SK77404840		6.22			7.45		
TRENT	NORTH MUSKHAM	SK80406060	2406.00	2211.00					
TRENT	NORTH MUSKHAM (MDF)	SK80406060	2136.00	2106.00	1999.00	2092.00	2049.00	2219.00	2073.00
NORWELL BECK	NORWELL	SK78106180		2.22					
GRASSTHORPE BECK	GRASSTHORPE	SK79706770		3.53					
LANEHAM BECK	LANEHAM	SK80207600		3.29					
MAUN	SUTTON FOREST SIDE	SK51005910	2.42		2.01			2.03	
MAUN	MANSFIELD WRW U/S	SK54806210	18.23		16.49			23.93	
MAUN	MANSFIELD WRW D/S	SK54706260	42.94		21.23			35.71	

All flows in Mld

TABLE 9 CONTINUED

LOW FLOW SURVEY 1989
LOWER TRENT CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	19/07/89	08/08/89	22/08/89	25/08/89	11/09/89	14/09/89	16/10/89
MAUN	OLD CLIPSTONE	SK60206500	34.56		26.60			48.45	
VICAR WATER	OLD CLIPSTONE	SK60506480	0.26		0.20			0.17	
MAUN	BLACK HILLS FM.	SK63506680	30.33		27.53			54.02	
RAINWORTH WATER	OLLERTON	SK64906690	1.81		3.37			6.98	
MAUN	WHITewater	SK66207020	38.71		27.91			45.48	
MAUN	HAUGHTON	SK68307280	13.22		12.36			16.30	
BEVERCOTES DYKE	BEVERCOTES	SK69907280	0.00		1.95			3.61	
MAUN	WEST DRAYTON	SK71207420	12.36		12.32			13.07	
MEDEN	SKEGBY/TEVERSAL	SK49106170	0.35		0.23			2.99	
MEDEN	PLEASLEY	SK50506430			3.56			6.32	
MEDEN	PLEASLEY VALE	SK50906490	9.33		6.17			6.53	
MEDEN	SODKHOLME	SK55006640	19.53		17.45			10.51	
MEDEN (TRIB)	SPIDN KOP	SK55606660	9.42		6.81			8.95	
MEDEN	WARSOP	SK55906800	29.46		26.27			20.93	
MEDEN	GLEADTHORPE	SK59707030	37.32		34.03			37.50	
MEDEN	PERLETHORPE	SK64907120	31.45		28.95			44.44	
MEDEN	BOTHAMSALL	SK68107330	42.08		41.56			63.93	
MEDEN	WEST DRAYTON	SK70307510	46.66		23.98			69.17	
POULTER	UPPER LANGWITH	SK52206970	2.59		1.58			1.81	
POULTER	LANGWITH MILL	SK54607029	10.80		10.47			9.39	
POULTER	CUCKNEY	SK56007120	19.96		16.23			10.90	
POULTER	GREAT LAKE U/S	SK57807230	16.93		15.61			20.31	
MILLWOOD BK.	SLOSWICKS FARM	SK55857535	9.42		6.81			8.95	
POULTER	CARBURTON	SK60707280	20.42		15.81			19.59	
POULTER	ELKESLEY	SK68507495	9.42		12.72			28.71	
POULTER	TWYFORD BRIDGE	SK69707510	11.15		12.78			31.96	
IDLE	GAMSTON BRIDGE	SK70807640	69.21		69.19			130.00	
IDLE	ORDSALL	SK70507960	83.50	73.27	69.80			122.00	
IDLE	CHAIN BRIDGE LANE	SK71308570	97.60	77.70	56.80			118.00	
IDLE	MATTERSEY	SK69008950	100.00		63.20			135.00	
IDLE	MATTERSEY (MDF)	SK69008950	84.20	73.70	79.20	70.90	104.00	147.00	123.00
IDLE	SCAFTWORTH	SK66309160	75.69		68.14				
RYTON	HARD BRIDGE	SK49508255	4.32		2.87			3.32	
RYTON	THORPE BRIDGE	SK51708230	2.68		2.24			2.09	
RYTON	ANSTON BRIDGE U/S	SK53608220	2.25		2.62			2.32	
RYTON	LINDRICK DALE	SK54008225	8.21						
ANSTON BK.	ANSTON STONES WOOD	SK53808280			6.54			5.48	
ANSTON BK.	LINDRICK DALE	SK54008240	4.67						
RYTON BK.	LINDRICK DALE	SK54008220			10.20			7.45	
RYTON	MONKS BRIDGE	SK54608220	4.06		3.06			7.39	
RYTON	SHIREDAKS	SK55708060	8.04		4.24			4.94	
RYTON	LADY LEE	SK56307940	8.81		5.14			6.72	
RYTON	WORKSOP U/S WRW	SK60407885						2.02	
RYTON	WORKSOP D/S WRW	SK60207890	18.84		25.28				
RYTON	SCOFTON D/S MNTN.WRW	SK63108030	25.40		25.95				
RYTON	SCOFTON FORD	SK63108035						27.07	
MALTBY DYKE	MALTBY WRW (D/S)	SK54009020	14.08		18.03			13.21	
HOOTON BK.	ROCHE ABBEY	SK53808940	2.94		3.15			3.06	
OLDCOATES DYKE	FIRBECK	SK56408930	14.77		10.52			10.02	
LAMBLANE DYKE	FIRBECK	SK56308850	1.38		1.83			1.56	
OLDCOATES DYKE	OLDCOATES	SK59408840	10.20		9.19			10.01	
HODSOCK BK.	BLYTH	SK61008690	3.62		4.83			8.29	
OLDCOATES DYKE	BLYTH	SK61508755	23.40		16.40			22.20	
RYTON	BLYTH	SK63108720	43.98		37.14			48.83	
RYTON	BLYTH (MDF)	SK63108720	29.00	26.40	22.30	33.10	42.70	46.40	47.80
RYTON	SERLBY PARK	SK63908970	45.96		34.21			51.89	

All flows in Mld

TABLE 9 CONTINUED

LOW FLOW SURVEY 1989

LOWER TRENT CATCHMENT

RIVER NAME	LOCATION DESC.	NGR	19/07/89	08/08/89	22/08/89	25/08/89	11/09/89	14/09/89	16/10/89
RYTON	SCROOBY	SK64859155	58.75		35.22			65.78	
IDLE	BAWTRY	SK65609320	164.00						
FLECKNEY BK.	KIBWORTH BRIDGE	SK65909490					1.08		
TORNE	STYRRUP	SK59309030		0.52					
PAPERMILL DYKE	CLAYCROFT BRIDGE	SK57009250		1.52					
PAPERMILL DYKE	TICKHILL	SK58809280		6.54					
TORNE	SPITAL HILL	SK60709320		12.67					
TORNE	SHEEPWASH BRIDGE	SK61109410		13.16					
COUNTSTHORPE BK.	COUNTSTHORPE	SK54909580					1.80		
WORMSWORTH BECK	SPRINGWELL LANE	SK56209940		3.20					
WORMSWORTH BECK	NEW INGS	SK58509820		9.94					
TORNE	ROSSINGTON BRIDGE	SK62959969		22.80					
MOTHER DRAIN	ROSSINGTON BRIDGE	SK62959970		7.08					
TORNE	AUCKLEY	SE64600120	37.80	31.40	25.70	27.60	32.00	31.40	29.10
TORNE	TORNE BRIDGE A614	SK67800345		27.97					

All flows in Mld

C.PROCESSED FLOW DATA.

Producing acceptably accurate processed flow data is particularly difficult during exceptionally low flows. Some station records are still being reassessed and must be regarded as provisional.

1.MONTHLY MEAN FLOWS FOR SELECTED SITES.

Table 10 shows long term monthly mean flows for thirty stations throughout the region out of the total of 90 processed to flows. The means for 1989 are also given together with a percentage comparison figure with the long term mean. Whilst the stations chosen are generally the more reliable ones at low flows, systematic errors are always greater at flow extremes and the data should be used with care. The data are presented in megalitres per day expressed to one decimal place although their accuracy is site dependent. The sites are in downcatchment order starting at the top of the R. Severn. Further information on site location is given in the level and flow station catalogue (table 13) and figure 17.

2.ANNUAL HYDROGRAPHS AND FLOW DURATION CURVES.

Six stations have been selected for plotting as annual hydrographs to demonstrate flow variations throughout the year. These are shown in figures 2 to 7. Flow duration curves are also shown comparing 1989 with the whole of the flow record. Most of the catchments shown are affected to varying degrees by river regulation, abstraction and other artificial influences although the R. Dove to Izaak Walton is totally natural and the R. Rea at Hookagate only slightly less so. The site locations are shown in figure 1.

TABLE 10
MONTHLY MEAN FLOWS FOR SELECTED SITES FOR 1989 COMPARED WITH LONG TERM AVERAGES

All flows in Mld

Site		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	Year
R. Dulas at Rhos-y-Pentref 1970 to 1989 Station No. 2025	LTA	228.7	198.7	164.0	97.8	53.2	37.9	18.4	37.8	58.6	138.1	201.8	224.2	120.6
	1989	125.6	222.6	297.1	128.9	30.2	5.1	2.6	1.4	5.5	104.8	178.1	304.5	116.8
	% COMP	54.9	112.0	181.2	131.8	56.8	13.5	14.1	3.7	9.4	75.9	88.3	135.8	96.8
R. Tanat at Llanyblodwel 1974 to 1989 Station No. 2038	LTA	986.2	827.1	793.0	476.3	289.3	200.9	111.8	190.3	290.8	615.0	860.4	1039.0	555.7
	1989	435.2	934.2	1359.0	669.7	127.4	60.4	57.9	38.3	44.9	219.8	637.9	1178.4	477.9
	% COMP	44.1	112.9	171.4	140.6	44.0	30.1	51.8	20.1	15.4	35.7	74.1	113.4	86.0
R. Perry at Yeaton 1964 to 1989 Station No. 2020	LTA	246.9	233.6	205.1	154.5	121.6	82.0	62.9	61.4	61.7	99.1	150.3	231.6	142.2
	1989	88.2	161.3	177.8	210.2	70.0	44.7	47.6	34.6	33.0	38.9	67.1	314.4	107.1
	% COMP	35.7	69.0	86.7	136.1	57.6	54.5	75.7	56.4	53.5	39.3	44.6	135.8	75.3
Rea Bk. at Hookagate 1963 to 1989 Station No. 2018	LTA	283.1	267.9	252.2	152.2	113.1	60.6	50.5	40.5	52.1	96.9	157.6	268.8	149.2
	1989	83.7	187.0	205.1	262.8	56.3	32.0	29.4	19.9	18.7	23.2	62.4	447.0	118.7
	% COMP	29.6	69.8	81.3	172.7	49.8	52.8	58.2	49.1	35.9	23.9	39.6	166.3	79.6
R. Tern at Walcot 1961 to 1989 Station No. 2012	LTA	955.8	882.9	774.6	646.4	558.3	398.5	337.0	339.4	342.5	450.4	645.5	905.4	602.0
	1989	415.1	556.8	613.3	895.4	355.1	209.3	222.1	222.2	234.3	268.1	360.3	1238.5	465.6
	% COMP	43.4	63.1	79.2	138.5	63.6	52.5	65.9	65.5	68.4	59.5	55.8	136.8	77.3
R. Worfe at Burcote 1970 to 1989 Station No. 2024	LTA	162.5	160.8	146.8	130.0	92.6	73.5	52.2	56.7	57.5	73.3	96.0	133.1	102.6
	1989	67.6	89.0	88.2	174.1	59.3	28.2	27.4	25.1	29.8	46.1	58.4	220.4	76.1
	% COMP	41.6	55.3	60.1	133.9	64.0	38.4	52.5	44.3	51.8	62.9	60.8	165.6	74.2
Dowles Bk at Oak Cottage 1972 to 1989 Station No. 2034	LTA	68.1	66.4	61.6	41.5	27.5	17.5	7.9	5.9	11.4	19.0	24.7	60.8	34.2
	1989	16.8	38.4	28.7	74.7	10.1	5.3	4.0	3.2	3.7	4.9	8.9	122.2	26.7
	% COMP	24.7	57.8	46.6	180	36.7	30.3	50.6	54.2	32.5	25.8	36.0	201.0	78.1
R. Severn at Bewdley GS 1922 to 1989 Station No. 2001	LTA	9877.0	8760.0	6453.1	4633.1	3359.5	2567.3	1994.8	2435.1	3174.7	4740.1	7811.7	8802.6	5367.8
	1989	4060.2	7371.4	11176.8	6907.5	1648.3	1003.1	1113.3	959.9	916.9	1911.7	4637.9	12473.1	4504.1
	% COMP	41.1	84.1	173.2	149.1	49.1	39.1	55.8	39.4	28.9	40.3	59.4	141.7	83.9
R. Stour at Kidderminster 1954 to 1989 Station No. 2167	LTA	318.1	296.7	288.9	250.9	227.1	208.9	192.6	203.8	203.4	220.5	256.7	302.9	247.4
	1989	189.5	257.1	237.4	417.0	207.2	210.1	196.6	157.2	156.5	211.4	203.0	502.5	245.4
	% COMP	59.6	86.7	82.2	166.2	91.2	100.6	102.1	77.1	76.9	95.9	79.1	165.9	99.2
R. Teme at Tenbury 1957 to 1989 Station No. 2008	LTA	2434.5	2143.2	1877.3	1329.5	918.0	533.0	361.0	353.4	522.2	987.3	1471.8	2194.5	1257.1
	1989	782.9	1329.4	2151.0	1969.0	469.9	232.3	151.3	120.4	126.9	173.5	764.1	3942.9	1008.4
	% COMP	32.2	62.0	114.6	148.1	51.2	43.6	41.9	34.1	24.3	17.6	51.9	179.7	80.2

TABLE 10 CONTINUED
MONTHLY MEAN FLOWS FOR SELECTED SITES FOR 1989 COMPARED WITH LONG TERM AVERAGES (CONTINUED)

All Flows in Mld

Site		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	Year
R. Avon at Stareton 1963 to 1989 Station No. 2019	LTA 1989 % COMP	388.6 202.9 52.2	382.1 250.9 65.7	370.6 326.0 88.0	252.4 549.1 217.6	182.4 106.9 58.6	122.0 86.4 70.8	87.4 78.8 90.2	91.1 62.6 68.7	86.8 62.6 72.1	137.2 65.7 208.8	209.7 119.3 56.9	355.3 503.0 141.6	221.5 200.7 90.6
R. Sowe at Stoneleigh 1953 to 1989 Station No. 2004	LTA 1989 % COMP	373.8 223.1 59.7	371.8 254.5 68.5	321.7 313.7 97.5	263.5 461.4 175.1	227.5 182.8 80.4	202.4 186.8 92.3	166.4 214.4 128.8	176.9 164.0 92.7	172.7 167.4 96.9	209.5 181.7 86.7	267.2 214.9 80.4	339.9 565.3 166.3	257.3 260.9 101.4
R. Avon at Evesham 1937 to 1989 Station No. 2002	LTA 1989 % COMP	2441.1 971.5 39.8	2373.8 1350.7 56.9	1960.8 1725.7 88.0	1329.4 2810.7 211.4	994.7 754.5 75.9	755.7 641.7 84.9	570.3 583.2 102.3	586.0 547.9 93.5	582.1 548.7 94.3	811.8 574.5 70.8	1506.7 902.5 59.9	1968.4 3635.3 184.7	1318.5 1253.4 95.1
R. Severn at Haw Bridge 1972 to 1989 Station No. 2057	LTA 1989 % COMP	17097.6 6304.1 36.9	15646.6 10645.5 68.0	13814.4 16321.0 118.1	9567.4 13884.8 145.1	5960.4 3703.2 62.1	4624.1 2338.6 50.6	2848.4 2129.6 74.8	3492.0 2029.7 58.1	3911.4 1825.3 46.7	7146.1 3471.3 48.6	10308.3 7789.6 75.6	15431.3 25443.1 164.9	9127.6 7985.4 87.5
R. Trent at Stoke 1969 to 1989 Station No. 4040	LTA 1989 % COMP	98.8 34.5 34.9	81.3 51.7 63.6	73.5 63.2 86.0	60.8 70.6 116.1	42.0 19.6 46.7	36.8 19.9 54.1	27.1 15.2 56.1	39.5 12.6 31.9	31.4 11.3 36.0	46.7 27.1 58.0	76.9 69.5 90.4	86.5 90.6 104.7	58.3 40.4 69.3
R. Tame at Bescot 1983 to 1989 Station No. 4081	LTA 1989 % COMP	286.5 192.2 67.1	254.4 233.9 91.9	242.9 210.8 86.8	309.9 313.2 101.1	225.1 172.5 76.6	229.8 187.6 81.6	211.2 209.6 99.2	214.5 120.8 56.3	185.9 116.2 62.5	210.5 162.2 77.1	250.0 151.8 60.7	280.0 339.9 121.4	241.6 200.7 83.1
R. Rea at Calthorpe Park 1968 to 1989 Station No. 4039	LTA 1989 % COMP	101.7 41.8 41.1	89.7 74.1 82.6	90.5 62.9 69.5	70.7 111.0 157.0	60.4 35.8 59.3	58.4 36.1 61.8	45.7 39.1 85.6	57.4 32.9 57.3	53.7 29.9 55.7	58.5 61.5 105.1	74.2 51.6 69.5	95.8 158.2 165.1	71.3 61.2 85.8
R. Cole at Coleshill 1974 to 1989 Station No. 4066	LTA 1989 % COMP	124.2 52.8 42.5	120.4 78.6 65.3	113.9 96.7 84.9	85.3 135.1 158.4	69.0 34.3 49.7	66.1 44.3 67.0	44.0 43.2 98.2	53.5 34.6 64.7	53.7 27.2 50.7	66.7 59.6 89.4	84.5 64.1 75.9	124.9 205.0 164.1	83.7 73.0 87.2
R. Trent at Drakelow 1967 to 1989 Station No. 4019	LTA 1989 % COMP	4680.5 2141.7 45.8	4527.3 2961.2 65.4	3981.9 3326.1 83.5	3222.8 4837.9 150.1	2828.1 1873.7 66.3	2416.4 1708.9 70.7	1990.7 1625.1 81.6	2109.6 1371.7 65.0	1933.0 1293.8 66.9	2293.9 1751.4 76.4	3017.2 2094.5 69.4	3953.3 6146.3 155.5	3073.4 2592.6 84.4
R. Dove at Izaak Walton 1970 to 1989 Station No. 4046	LTA 1989 % COMP	273.1 157.6 57.7	265.5 167.6 63.1	248.4 305.7 123.1	209.0 299.3 143.2	144.9 154.7 106.8	114.1 106.3 93.2	88.3 84.5 95.7	87.7 60.7 69.2	84.8 48.8 57.5	123.0 64.3 52.3	185.1 113.4 61.3	228.2 189.4 83.0	170.5 145.9 85.6

TABLE 10 CONTINUED
MONTHLY MEAN FLOWS FOR SELECTED SITES FOR 1989 COMPARED WITH LONG TERM AVERAGES (CONTINUED)

All Flows in Mld

Site		Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov	Dec	Year
R. Manifold at Ilam 1969 to 1989 Station No. 4031	LTA 1989 % COMP	536.9 221.3 41.2	440.0 336.8 76.5	439.8 570.4 129.7	330.1 476.7 144.4	210.1 130.2 62.0	167.7 95.3 56.8	126.8 98.7 77.8	164.0 47.7 29.1	149.8 39.6 26.4	256.0 119.5 46.7	426.9 276.4 64.7	467.5 443.8 94.9	309.1 237.4 76.8
R. Dove at Marston 1966 to 1989 Station No. 4018	LTA 1989 % COMP	2026.0 979.3 48.3	1825.2 1365.0 74.8	1560.3 2024.8 129.8	1293.3 1967.8 152.2	1018.6 696.4 68.4	749.6 489.9 65.4	599.3 479.7 80.0	634.8 328.3 51.7	624.9 294.2 47.1	971.6 463.4 47.7	1441.0 860.6 59.7	1760.3 1643.7 93.4	1206.1 963.5 79.9
R. Derwent at Matlock 1959 to 1989 Station No. 4011	LTA 1989 % COMP	1906.4 774.2 40.6	1665.6 953.0 57.2	1527.7 2225.2 145.7	1282.0 2178.6 169.9	849.8 647.7 76.2	605.6 405.7 67.0	493.2 366.7 74.4	475.9 300.7 63.2	590.3 261.2 44.2	879.8 314.2 35.7	1260.5 554.2 44.0	1709.8 1358.2 79.4	1101.5 861.0 78.2
R. Amber at Wingfield Park 1972 to 1989 Station No. 4048	LTA 1989 % COMP	193.8 64.3 33.2	195.2 135.5 69.4	172.5 177.0 102.6	133.3 267.2 200.5	87.3 58.4 66.9	74.8 45.8 61.2	51.1 40.8 79.8	51.3 35.8 69.8	47.2 34.0 72.0	77.7 40.7 52.4	106.7 40.1 37.6	169.6 193.7 114.2	113.0 94.1 83.3
R. Derwent at Derby St. Mary's 1936 to 1989 Station No. 4085	LTA 1989 % COMP	2589.9 906.3 35.0	2466.4 1257.3 51.0	1967.8 2757.8 140.1	1576.6 3016.5 191.3	1080.5 816.8 75.6	886.0 490.8 55.4	748.1 438.6 58.6	781.1 369.3 47.3	886.1 362.2 40.9	1179.1 435.9 37.0	1842.4 677.7 36.8	2235.9 1972.7 88.2	1514.6 1123.9 74.2
R. Soar at Littlethorpe 1972 to 1989 Station No. 4082	LTA 1989 % COMP	231.5 88.8 38.4	227.7 109.0 47.9	205.7 125.1 60.8	140.0 243.1 173.6	104.0 61.4 59.0	84.7 52.4 61.9	45.7 46.8 102.4	53.5 40.0 74.8	48.1 39.3 81.7	77.2 46.7 60.5	107.0 76.6 71.6	205.4 338.9 165.0	127.1 105.7 83.2
R. Sence at South Wigston 1972 to 1989 Station No. 4086	LTA 1989 % COMP	168.8 53.6 31.8	166.9 67.3 40.3	148.2 83.3 56.2	101.5 212.3 209.2	61.5 38.2 62.1	53.1 29.6 55.7	30.1 25.4 84.4	38.7 19.7 50.9	28.1 18.3 65.1	55.2 19.8 35.9	76.7 48.7 63.5	154.8 278.5 179.9	89.9 74.6 83.0
R. Wreake at Syston 1968 to 1989 Station No. 4024	LTA 1989 % COMP	491.3 140.5 28.6	511.5 194.8 38.1	424.9 250.9 59.0	318.2 661.7 208.0	190.9 115.3 60.4	101.3 77.3 76.3	80.2 69.7 86.9	75.1 49.6 66.0	68.7 50.1 72.9	119.5 53.2 44.5	199.8 119.1 59.6	384.4 650.3 169.2	246.0 202.5 82.3
Rothley Bk. at Rothley 1974 to 1989 Station No. 4056	LTA 1989 % COMP	113.3 45.1 39.8	129.6 62.5 48.2	121.1 76.6 63.3	84.2 177.5 210.8	58.8 38.3 65.1	42.1 32.4 77.0	27.1 23.9 88.2	31.1 17.9 57.6	27.4 22.1 80.7	46.1 21.6 46.9	50.2 39.0 77.7	98.4 176.7 179.6	68.9 61.0 88.5
R. Trent at Colwick 1959 to 1989 Station No. 4009	LTA 1989 % COMP	12144.9 5088.6 41.9	11344.5 6929.5 61.1	9810.0 10134.0 103.3	8234.0 14174.9 172.2	6186.4 4360.6 70.5	4793.4 3268.8 68.2	3901.0 2966.4 76.0	4064.1 2388.7 58.8	4251.3 2302.3 56.6	5538.4 3046.8 55.0	7671.4 4272.0 55.7	10702.8 13296.1 124.2	7369.7 6011.7 81.6

FIGURE 1
LOCATION MAP FOR EXAMPLE SITES

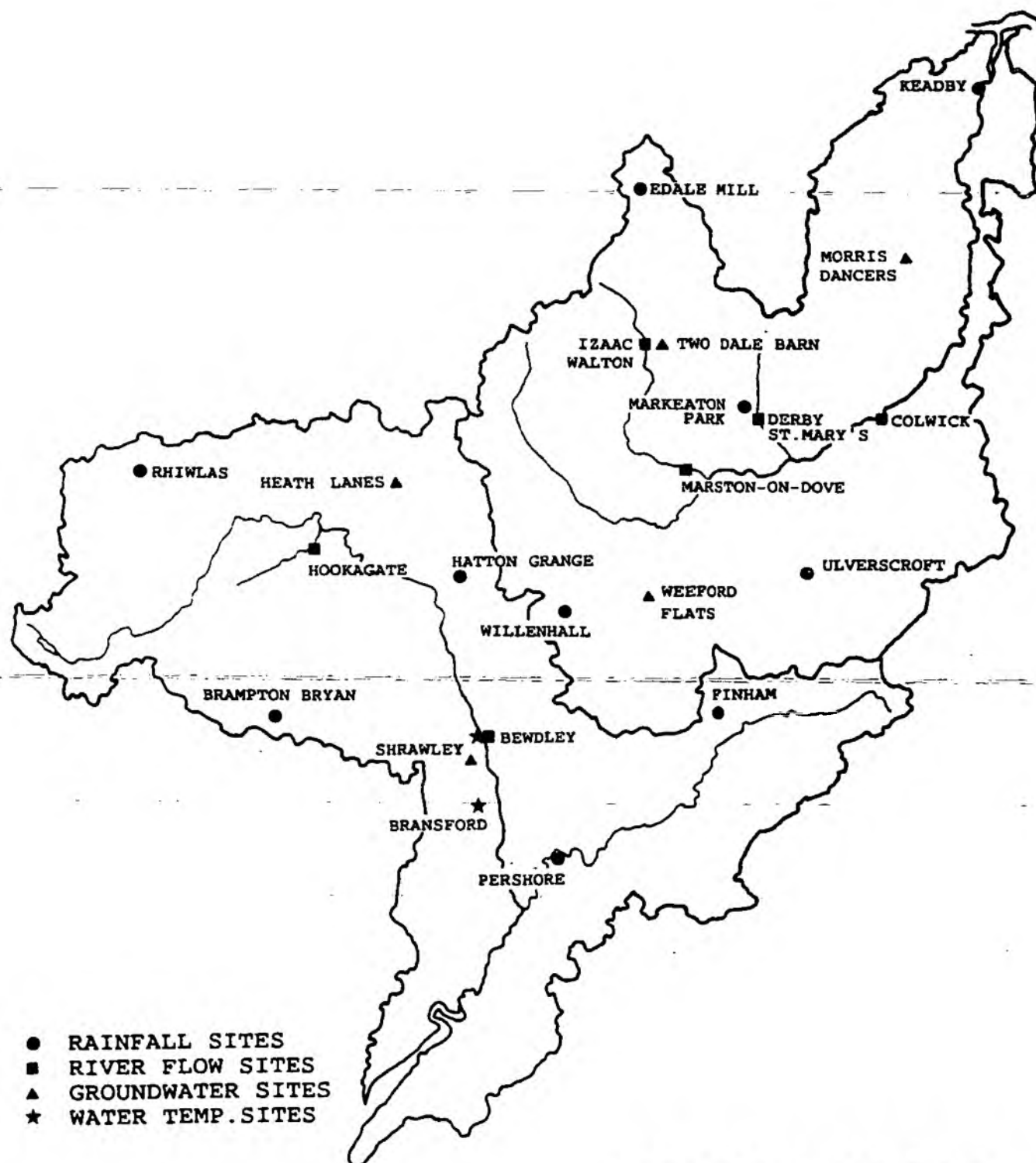
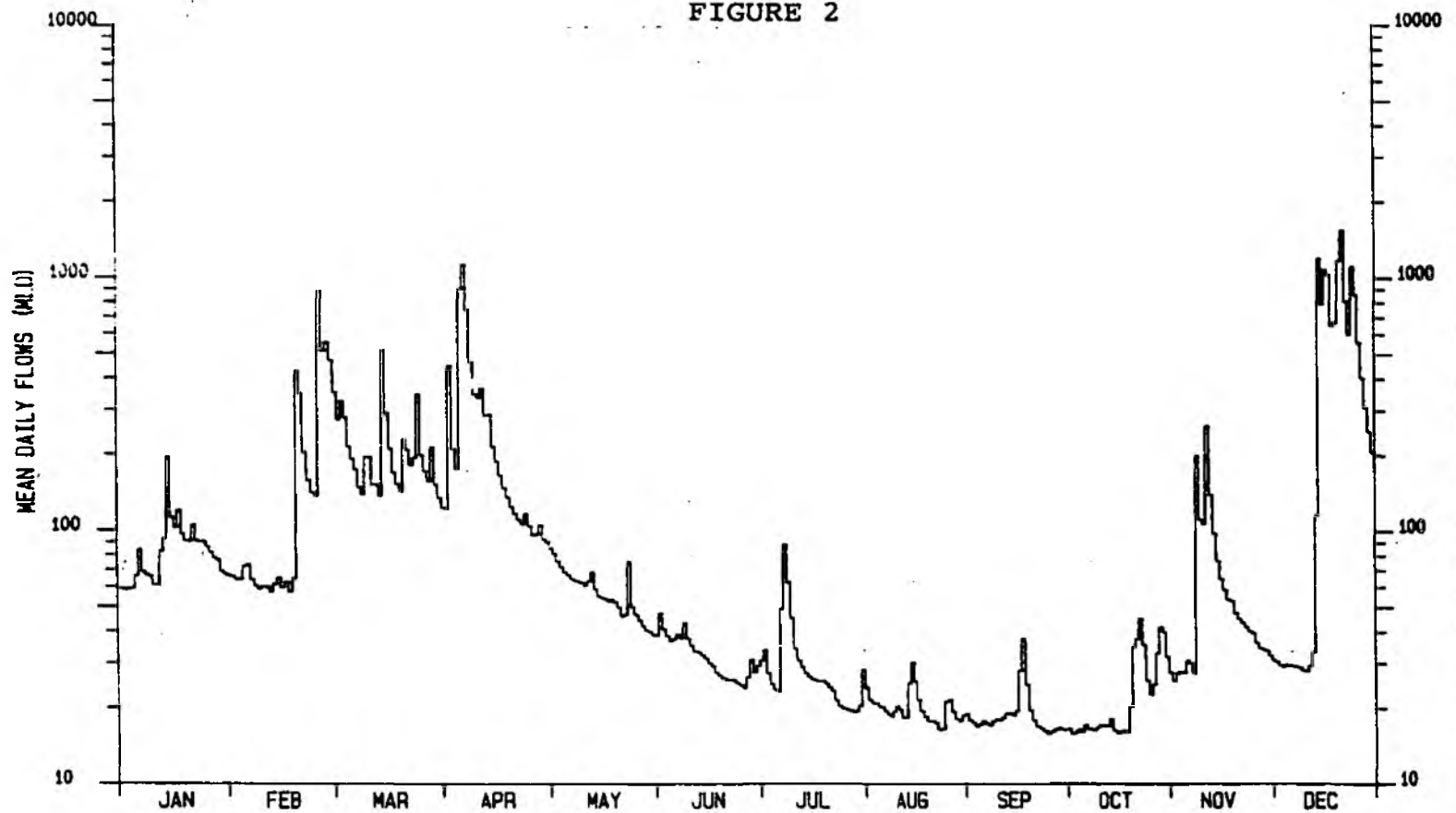
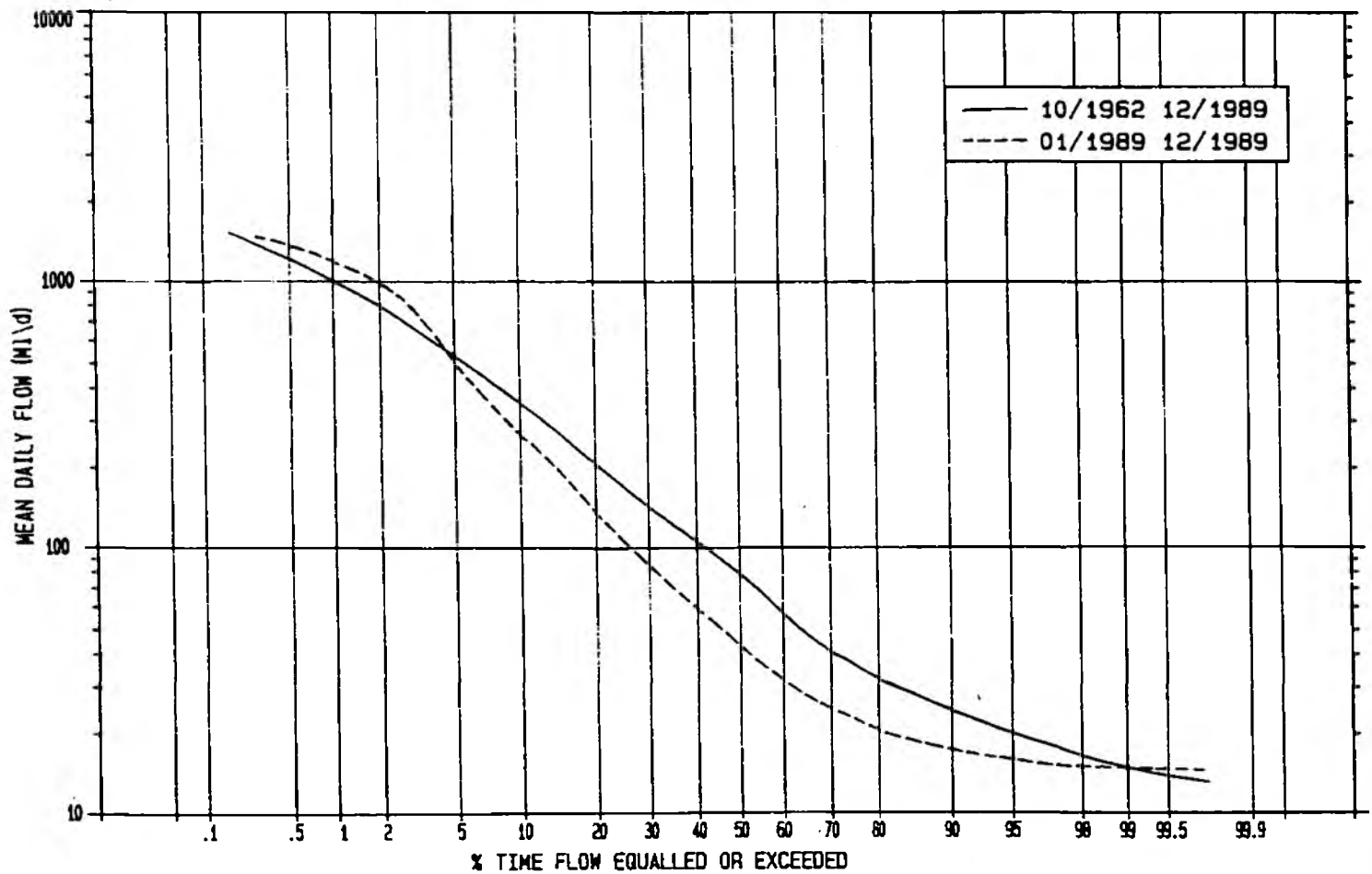


FIGURE 2

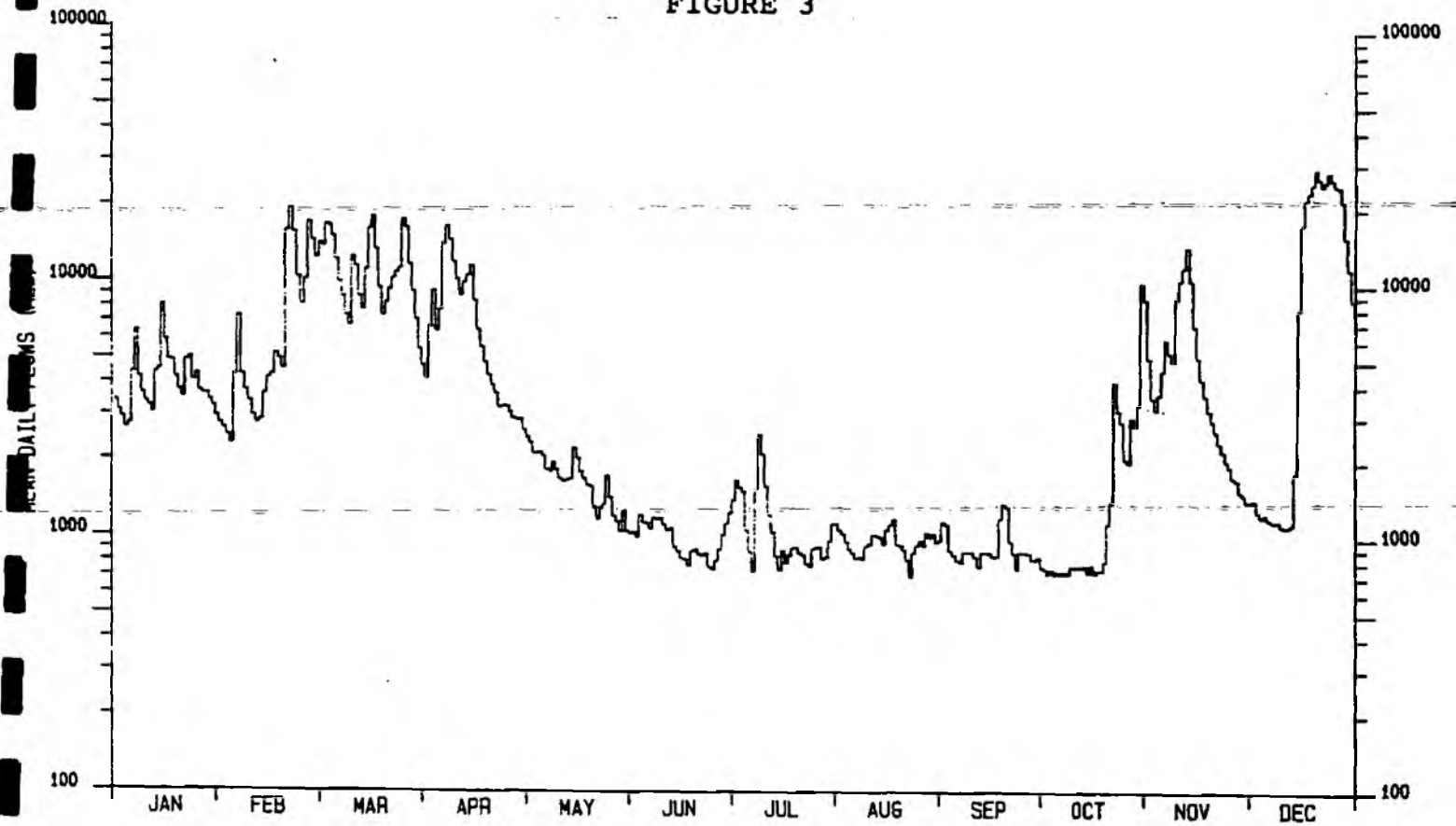


NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS		
		R.REA AT HOOKAGATE	for 1989	Stn.No: 2018

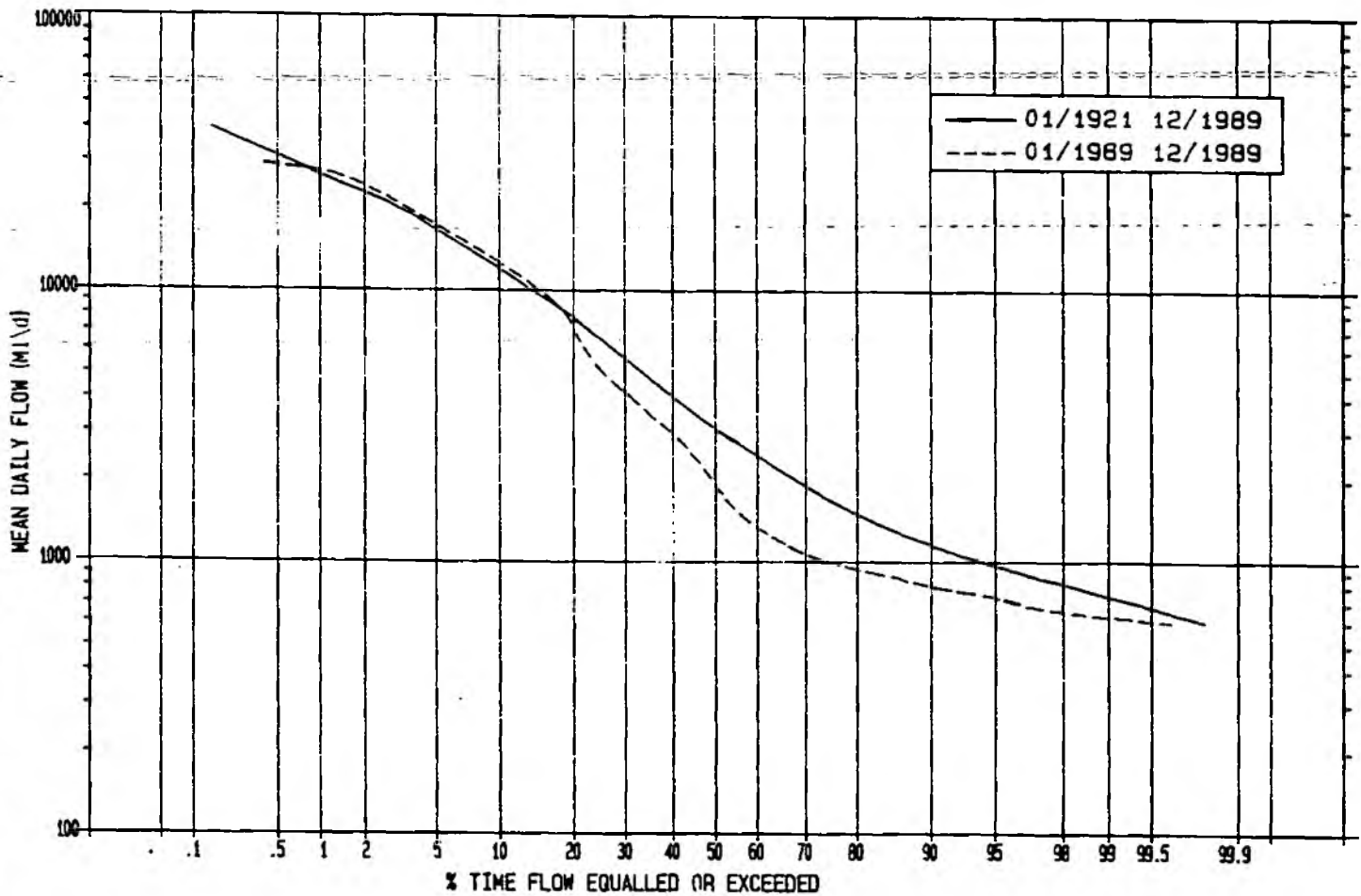


NRA	SEVERN TRENT REGION WATER RESOURCES	FLOW DURATION CURVE OF MEAN DAILY FLOWS		
		R.REA AT HOOKAGATE		Stn.No: 2018

FIGURE 3

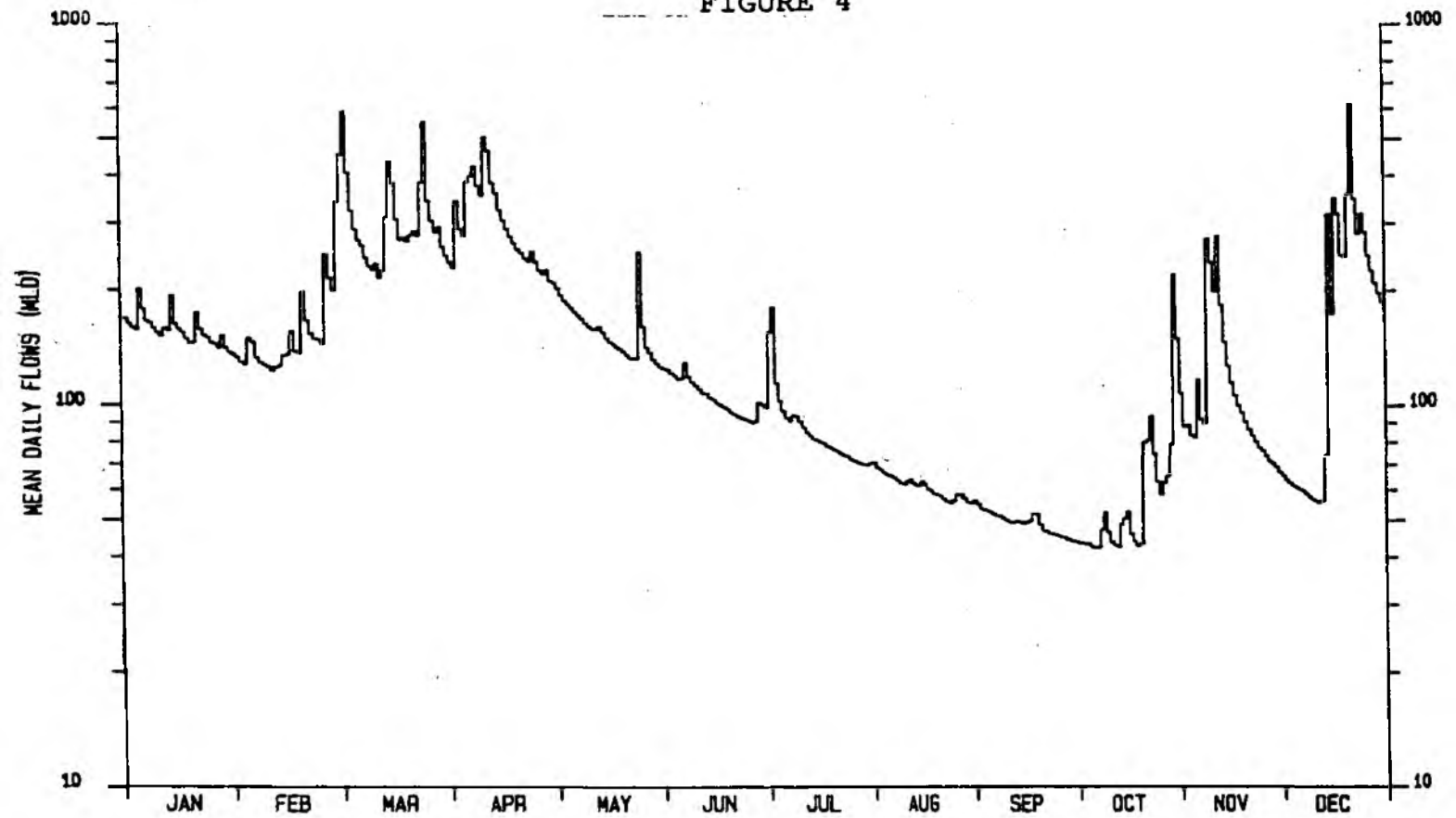


NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS	
		R. SEVERN AT BEWDLEY	for 1989 Stn. No: 2001

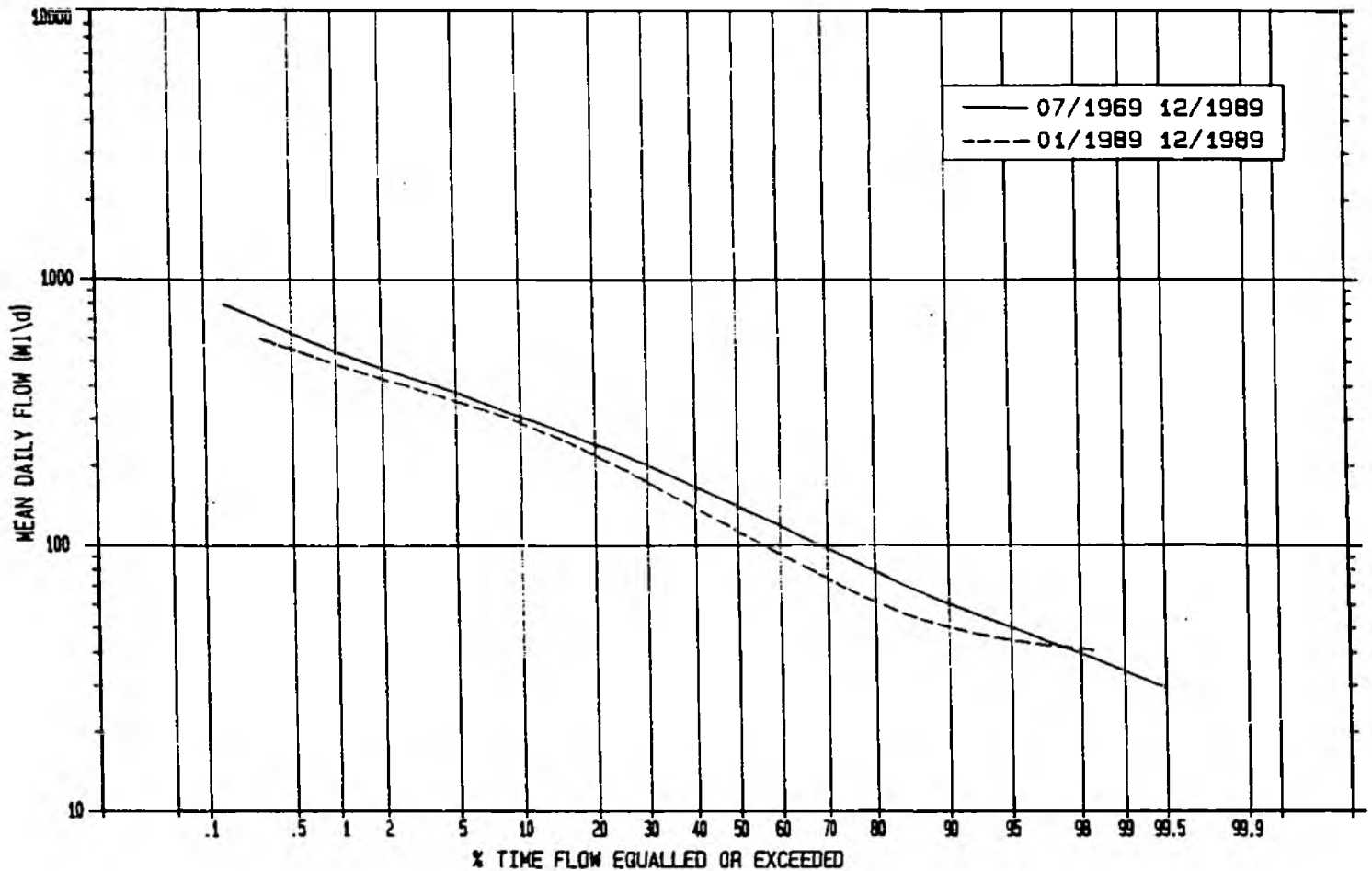


NRA	SEVERN TRENT REGION WATER RESOURCES.	FLOW DURATION CURVE OF MEAN DAILY FLOWS	
		R. SEVERN AT BEWDLEY	Stn. No: 2001

FIGURE 4

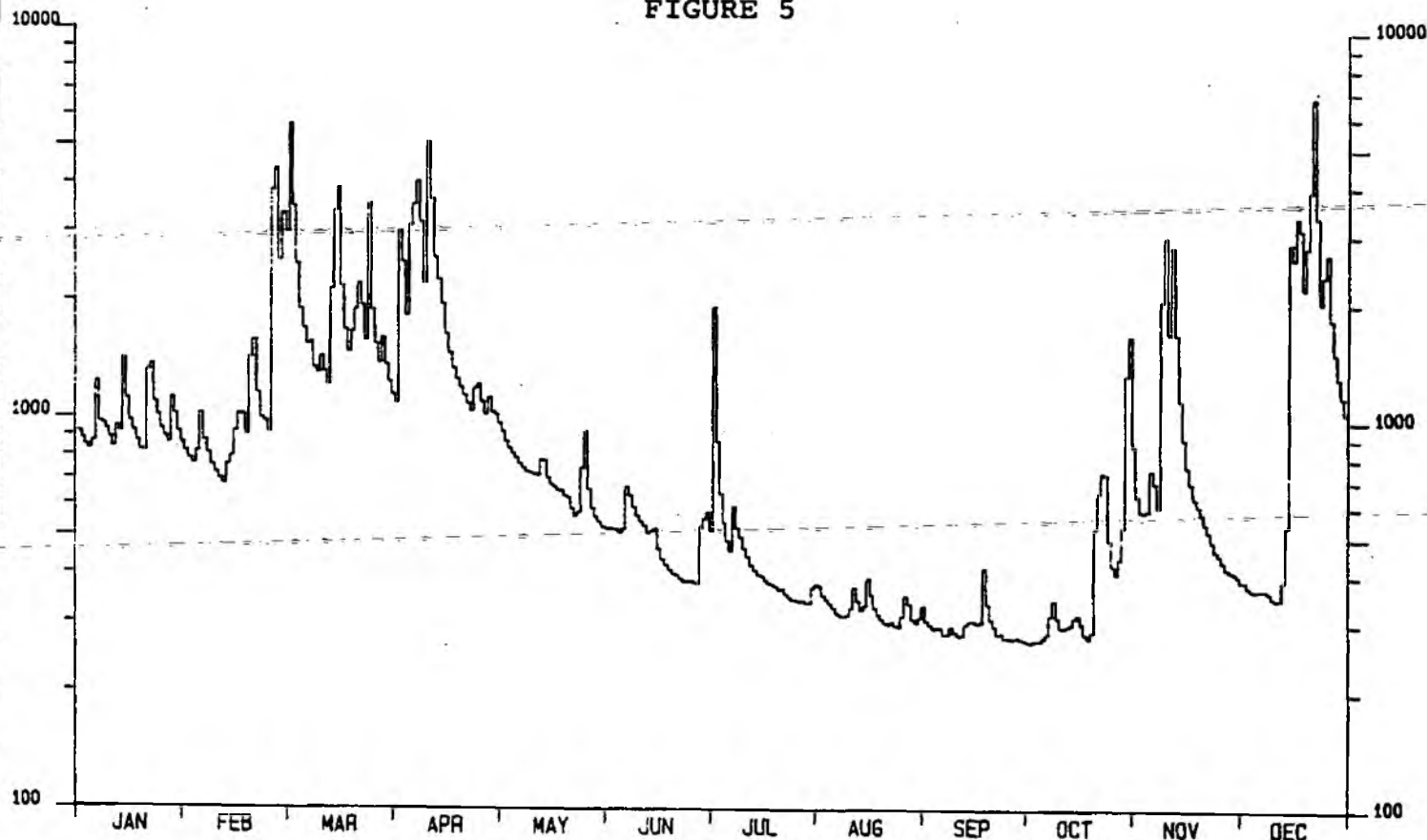


NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS		
		R.DOVE AT IZAAK WALTON	for 1989	Stn.No: 2046

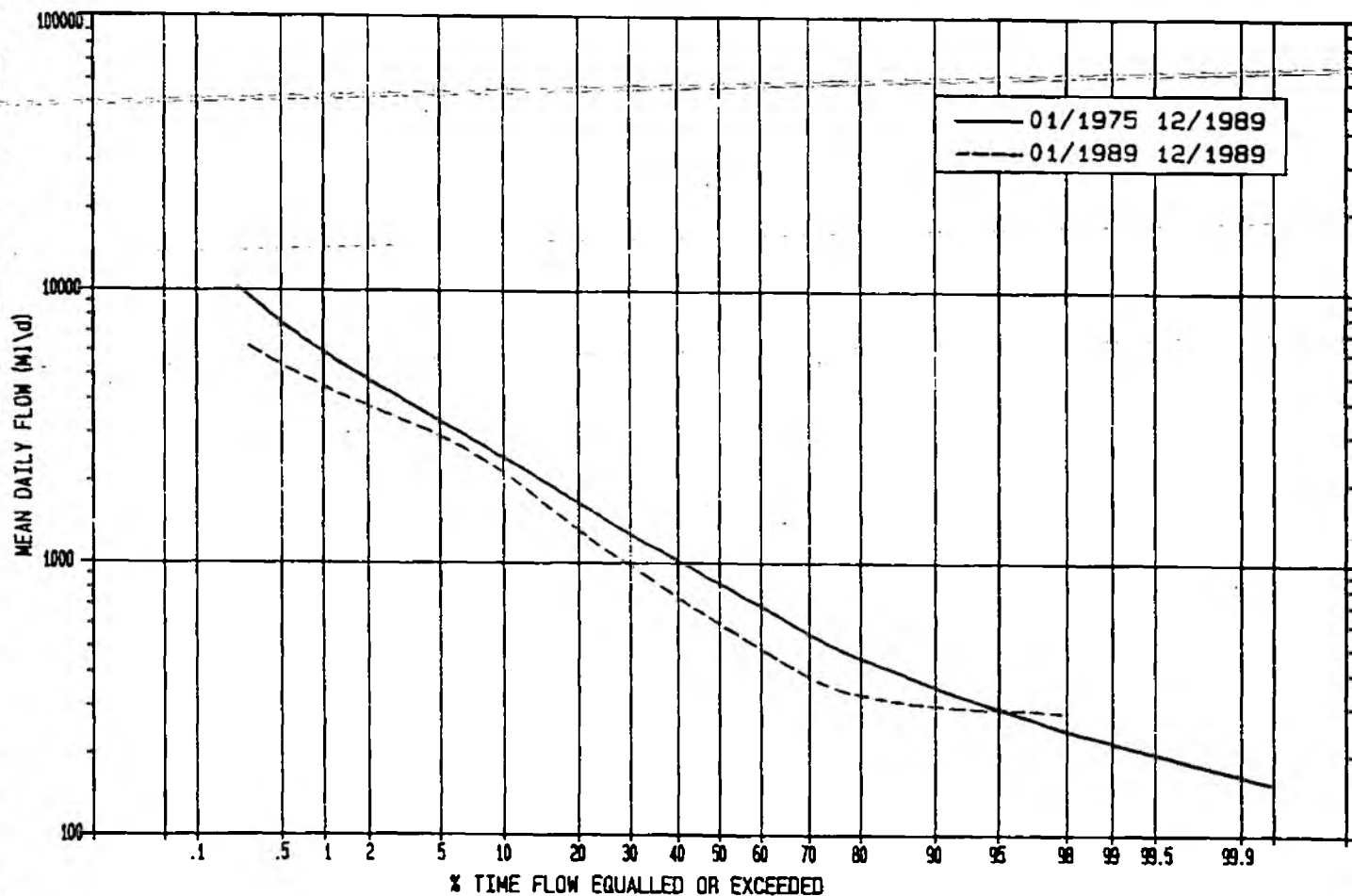


NRA	SEVERN TRENT REGION WATER RESOURCES	FLOW DURATION CURVE OF MEAN DAILY FLOWS		
		R.DOVE AT IZAAK WALTON		Stn.No: 4046

FIGURE 5

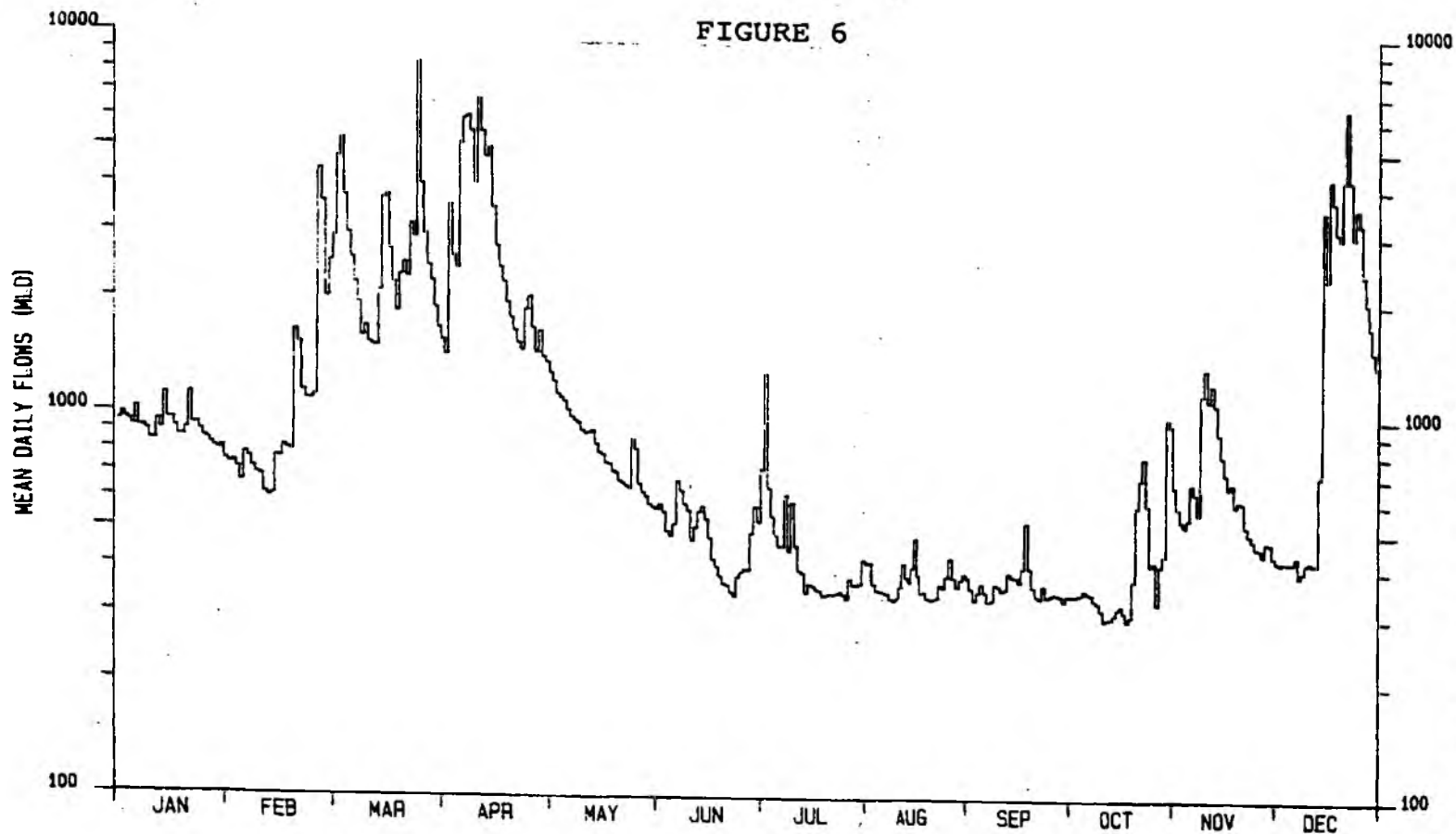


NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS	
		R. DOVE AT MARSTON	for 1989 Stn. No: 4018



NRA	SEVERN TRENT REGION WATER RESOURCES	FLOW DURATION CURVE OF MEAN DAILY FLOWS	
		R. DOVE AT MARSTON	Stn. No: 4018

FIGURE 6

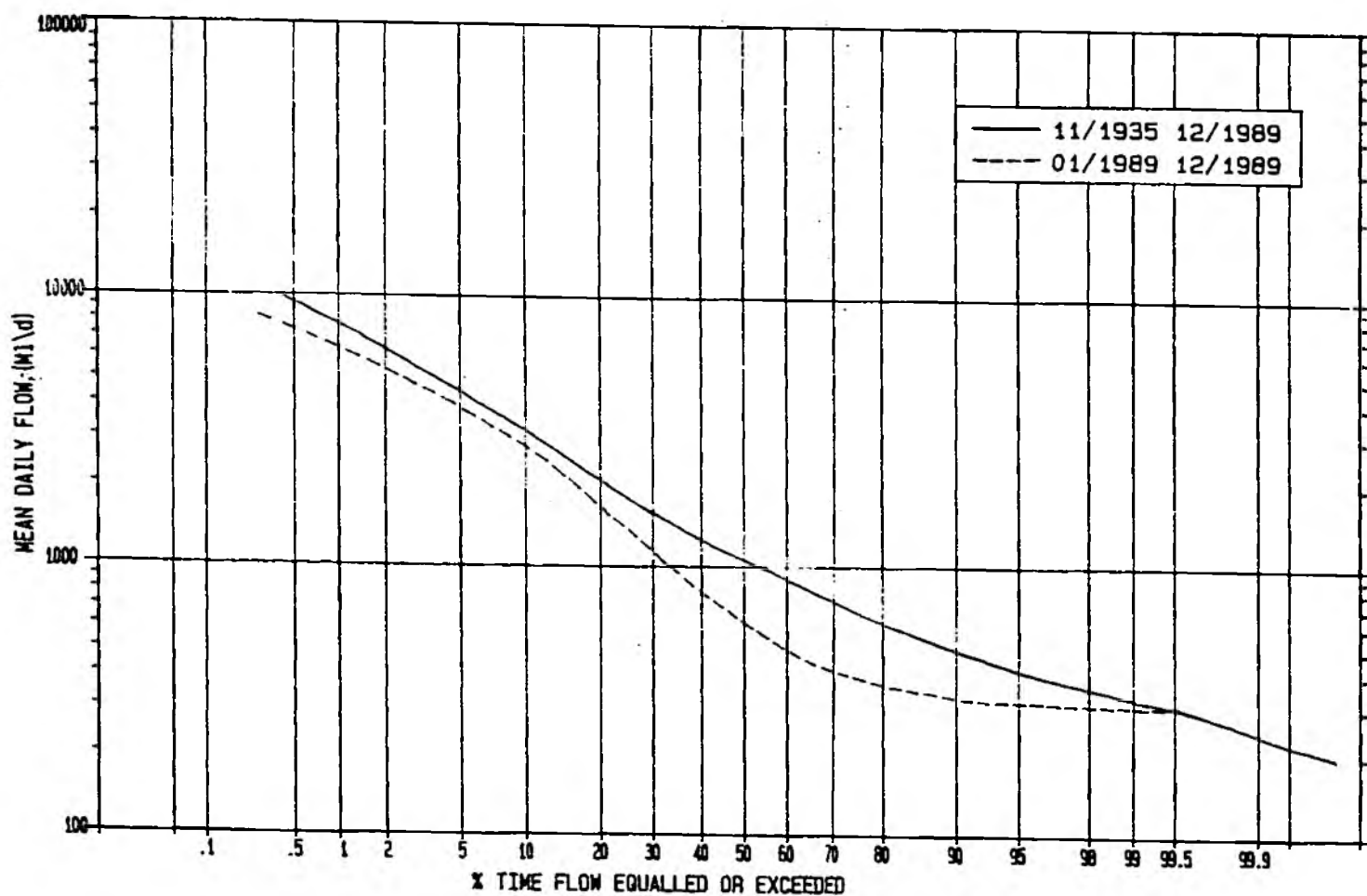


NRA

SEVERN TRENT REGION
WATER RESOURCES

ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS

R.DERWENT AT DERBY ST.MARYS for 1989 Stn.No: 4085



NRA

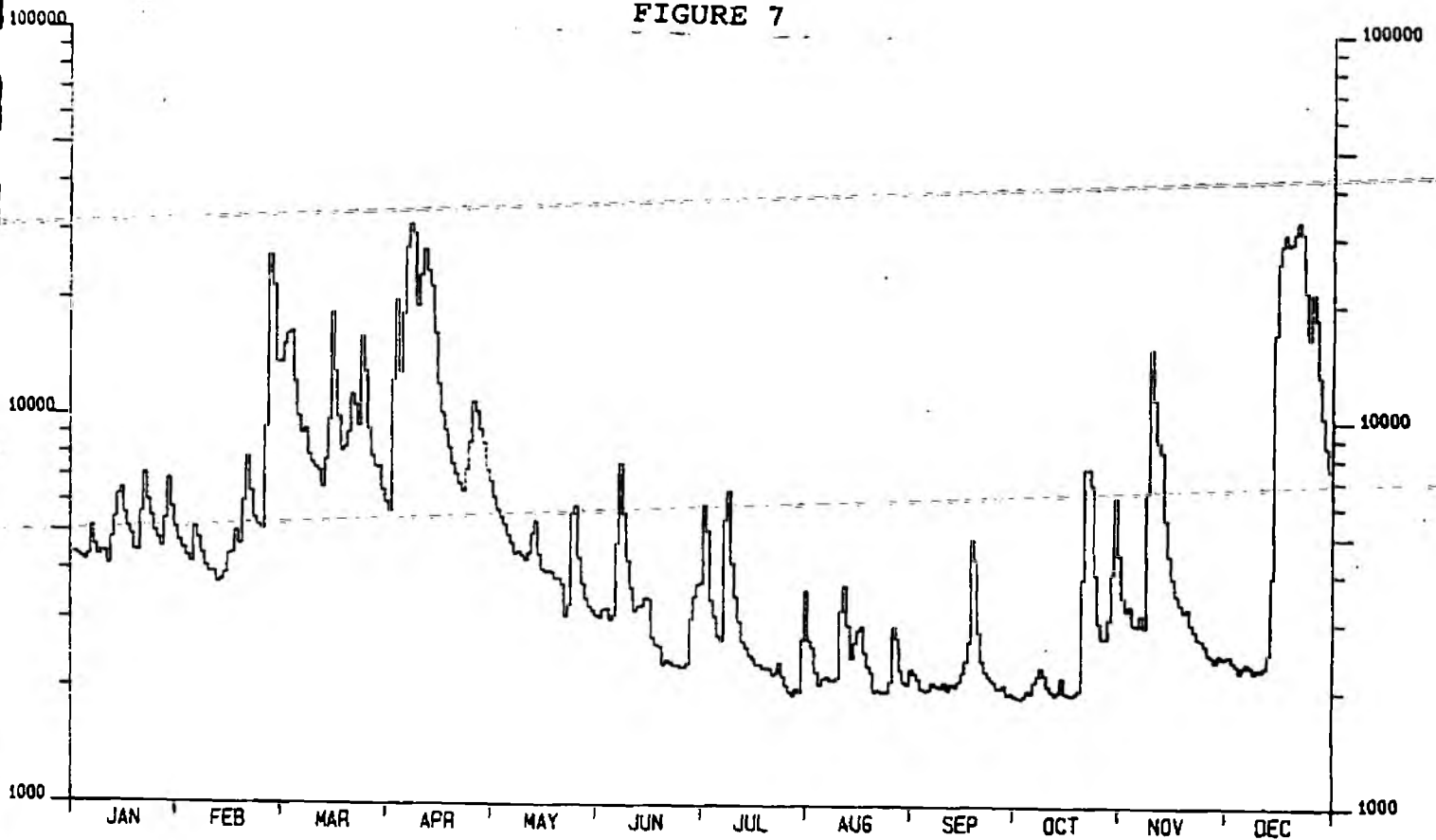
SEVERN TRENT REGION
WATER RESOURCES

FLOW DURATION CURVE OF MEAN DAILY FLOWS

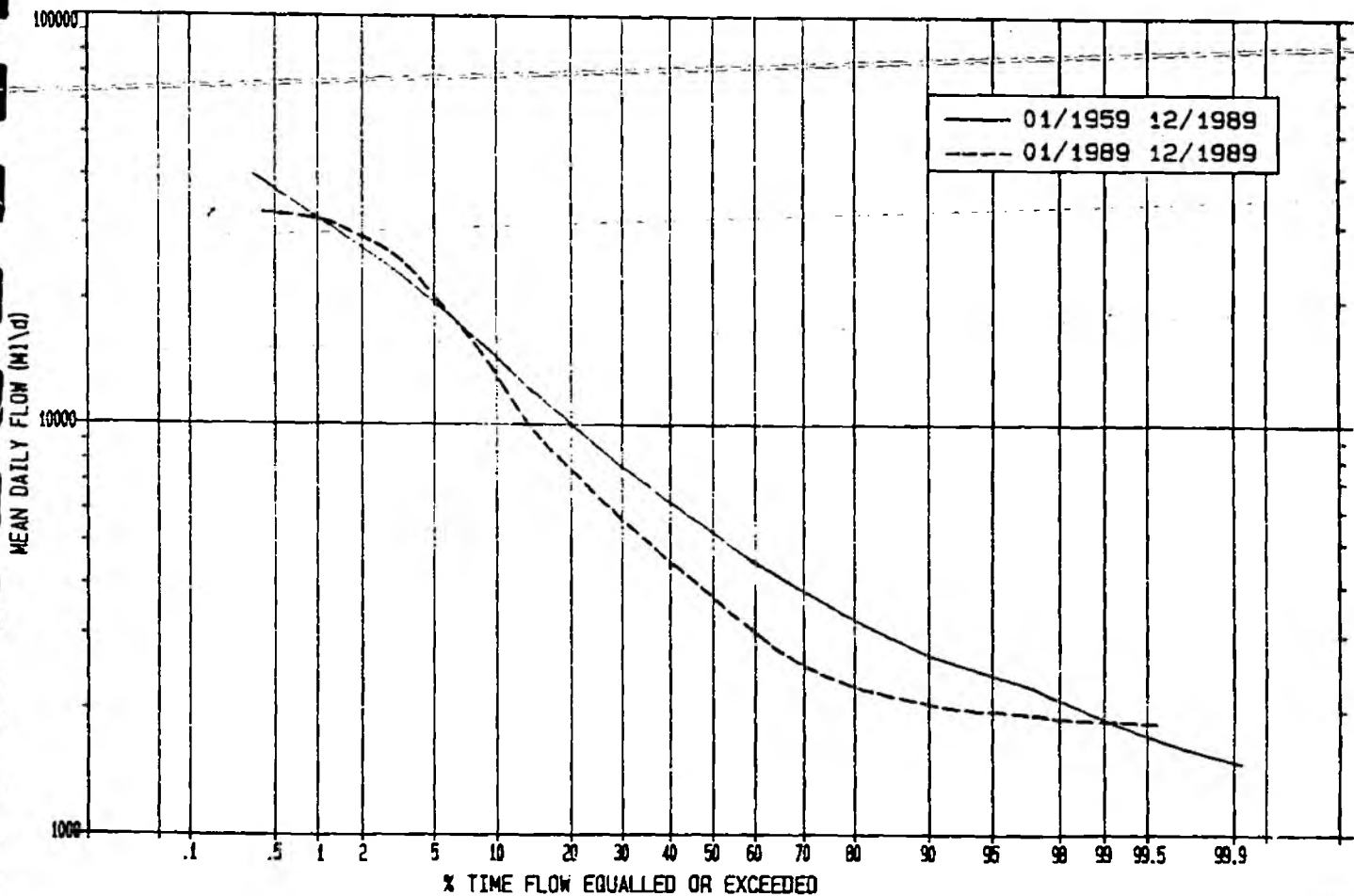
R.DERWENT AT LBW/ST.MARYS

Stn.No: 4085

FIGURE 7



NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL HYDROGRAPH OF MEAN DAILY FLOWS	
		R. TRENT AT COLWICK	for 1989 Stn.No: 4009



NRA	SEVERN TRENT REGION WATER RESOURCES	FLOW DURATION CURVE OF MEAN DAILY FLOWS	
		R. TRENT AT COLWICK	Stn.No: 4009

D. RAINFALL.

Rainfall is measured in two basic ways. The first is by the gauge being manually read at a set frequency, usually daily although it may be weekly or monthly. The second is where the gauge incorporates a recorder that logs more detailed information on the distribution of rainfall throughout the day. Severn Trent Region use tipping bucket gauges that generate a pulse for each half millimetre rainfall increment. An on site logger records the precise time of each pulse. These loggers are connected to the telephone network and can be interrogated remotely. Locations of both types of rainfall site are given in the catalogue section.

Most of the daily gauges in the region are operated by voluntary observers with data returns made monthly to Severn Trent Region headquarters. From there the data is passed on to the Meteorological Office for quality control and archiving. Subsequently the data is returned to headquarters for our own archives.

The rainfall event data is retrieved and archived on a micro computer based system that allows retrieval and graphical presentation of the data.

1. DAILY RAINFALL TOTALS FOR SELECTED SITES.

Table 11 lists daily rainfall for 1989 at ten sites throughout the region out of the total of 300 for which daily data is available. The site locations are shown in Figure 1. Brackets indicate that the data has been apportioned by the M.O. from multi day totals. A comparison of the monthly totals against long term averages is given. The data is taken from microfiche provided by the M.O.

2. AREAL RAINFALL FOR 1989.

Table 12 shows the monthly areal average data for the Region as a whole and sub areas within the Region.

Both sets of data illustrate the dry period between May and September with January and November also being considerably below average. The year was brought to a close by a wet December with most areas having almost twice the average.

TABLE 11

PHILAS

RAINFALL IN MILLIMETRES FOR 1982

STATION NUMBER 427166

NATIONAL GRID REFERENCE : EASTING 3114 NORTHING 3260.

ALTITUDE 228 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	4.9	12.1	0.0	2.8	0.0	0.0	(0.0)	0.0	4.4	0.0	
2	0.0	0.0	15.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	
3	3.9	5.6	2.4	(0.0)	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	
4	3.7	11.8	1.5	1.7	0.0	(0.0)	0.0	0.0	(0.0)	0.1	7.3	0.0	
5	7.4	1.9	1.2	(18.2)	0.0	1.9	0.0	0.0	0.0	2.5	6.1	0.0	
6	0.2	0.3	2.2	4.2	0.0	0.7	14.2	0.0	0.0	1.8	0.9	0.0	
7	(0.0)	0.2	0.0	6.2	0.0	7.4	10.5	(0.0)	0.0	3.9	8.3	0.0	
8	(0.0)	0.0	23.4	0.1	0.0	3.1	1.9	0.0	0.0	(0.0)	12.2	0.0	
9	0.2	3.4	9.3	3.3	(0.0)	1.9	0.0	8.1	0.0	2.4	15.4	0.0	
10	0.0	(0.0)	0.2	2.3	0.0	0.0	0.0	4.4	0.0	0.2	22.3	0.0	
11	11.1	4.5	0.0	16.4	3.8	1.1	0.0	2.3	(0.0)	0.8	5.9	5.1	
12	1.4	4.2	15.4	5.8	11.9	2.4	0.0	1.2	4.1	2.6	(0.0)	17.7	
13	11.5	5.8	3.6	(0.0)	0.7	0.2	0.0	12.6	1.7	0.5	(0.0)	27.2	
14	1.8	0.5	22.4	0.0	0.8	0.0	0.0	13.7	2.2	(0.0)	0.0	18.6	
15	(0.0)	5.0	0.3	0.0	1.9	0.0	0.0	1.8	5.1	1.2	0.0	16.8	
16	1.9	(0.0)	2.1	0.0	0.0	0.0	0.0	4.1	10.7	0.0	0.0	19.7	
17	0.0	20.8	(0.0)	0.0	0.2	0.0	0.0	1.2	1.3	0.0	1.4	1.3	
18	0.0	23.3	3.8	0.0	0.0	0.0	0.0	(0.0)	4.1	0.0	0.3	7.7	
19	0.0	1.6	5.3	0.8	0.0	0.0	0.0	0.0	0.2	12.1	0.0	8.3	
20	0.2	0.0	9.3	(0.0)	0.0	0.0	0.4	1.9	(0.0)	27.5	0.1	20.8	
21	(1.8)	5.1	1.8	(0.0)	0.0	0.0	0.0	(0.0)	(8.9)	9.2	0.0	13.2	
22	(1.4)	0.9	3.5	3.1	(3.2)	0.0	0.0	0.0	(0.0)	3.4	0.0	6.0	
23	2.9	(18.0)	20.7	2.4	(0.0)	0.0	0.0	0.0	(0.0)	(0.0)	0.0	10.2	
24	0.0	22.5	0.9	0.0	(0.0)	0.0	0.0	0.0	0.8	2.7	(0.0)	27.4	
25	2.8	0.0	0.9	(0.0)	(0.0)	0.4	3.3	7.8	0.0	0.0	0.0	3.8	
26	(1.2)	7.2	0.0	4.4	(0.0)	15.4	0.0	0.5	(0.0)	6.6	0.0	0.0	
27	(3.3)	3.2	3.2	0.3	0.0	0.3	(0.0)	0.0	0.0	7.4	0.0	0.0	
28	0.0	7.3	0.0	2.5	0.0	7.2	0.0	(0.0)	0.0	9.1	0.0	0.0	
29	0.0	*****	0.0	(0.0)	0.3	0.0	8.7	0.4	0.0	7.3	0.0	0.0	
30	0.0	*****	0.5	1.3	(0.0)	13.8	1.2	4.3	0.0	1.3	0.0	0.1	
31	0.0	*****	0.0	*****	0.5	*****	1.7	0.0	*****	2.2	*****	0.2	
TOTALS	62.7	(152.9)	154.6	(89.9)	23.3	59.0	41.9	64.3	38.3	105.0	96.9	204.1	1092.9
AVERAGE	129.0	96.0	81.0	75.0	84.0	69.0	80.0	97.0	104.8	113.0	126.0	136.0	1190.0
% OF AV.	48.6	159.3	190.9	119.9	27.7	85.5	52.4	66.3	36.8	92.9	76.9	150.1	91.8

TABLE 11 CONTINUED

WATTON GRANGE

RAINFALL IN MILLIMETRES FOR 1982

STATION NUMBER 435528

NATIONAL GRID REFERENCE : EASTING 3764 NORTHING 3043.

ALTITUDE 80 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	0.9	14.0	0.0	0.0	0.0	0.0	0.2	0.0	2.1	0.0	
2	0.0	0.0	(2.0)	8.7	0.0	(1.2)	0.0	0.0	0.0	0.0	0.3	0.0	
3	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	
4	0.0	3.1	0.6	5.0	0.0	0.0	0.0	0.0	2.0	0.6	0.7	0.0	
5	2.5	0.1	0.0	14.4	0.0	7.2	1.7	0.0	0.0	4.0	0.7	0.2	
6	0.0	0.0	8.0	8.6	0.0	3.7	14.8	0.0	0.0	0.6	1.7	0.0	
7	0.0	0.0	0.0	1.9	0.0	1.7	6.0	0.0	0.0	4.6	10.0	0.0	
8	0.0	0.0	0.8	0.0	0.0	1.8	2.8	0.1	0.0	0.7	17.5	0.0	
9	0.0	0.5	2.3	14.0	0.0	0.2	0.0	8.0	0.0	0.1	0.8	0.0	
10	0.0	0.0	0.1	1.3	0.0	0.0	0.0	3.0	0.7	0.3	8.2	0.0	
11	4.1	1.3	0.0	3.7	3.0	0.0	0.0	0.0	0.0	1.6	0.6	3.0	
12	0.0	0.0	4.2	1.4	4.9	0.0	0.0	0.0	0.0	4.0	0.2	6.0	
13	2.2	2.5	0.5	0.0	0.1	0.0	0.0	0.2	1.5	0.1	0.0	25.3	
14	0.0	0.0	7.9	0.0	0.0	0.0	0.0	8.3	6.2	0.0	0.0	16.9	
15	0.0	2.7	0.0	0.0	1.1	0.0	0.0	0.2	0.7	0.0	0.0	9.4	
16	2.6	1.5	0.6	0.6	0.0	0.0	0.0	0.2	15.4	0.0	0.0	15.4	
17	0.0	3.8	0.0	0.0	(0.2)	0.0	0.0	0.1	0.2	0.0	5.0	1.3	
18	0.0	1.0	0.7	0.0	1.0	0.0	0.0	0.0	0.1	0.0	0.0	22.2	
19	0.0	1.2	1.5	0.4	0.0	0.0	0.0	0.0	0.0	22.5	0.0	3.2	
20	2.4	0.0	(4.5)	0.1	0.0	0.0	0.0	0.0	0.0	10.8	0.0	13.1	
21	1.0	1.7	2.0	0.0	0.0	0.0	0.0	0.0	(2.0)	5.1	0.0	1.3	
22	0.0	0.2	2.5	4.9	13.5	0.0	0.0	0.0	(0.0)	12.0	0.0	1.5	
23	0.0	2.2	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.4	
24	0.0	20.0	0.1	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.0	13.1	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.7	0.6	2.0	0.0	4.8	
26	0.0	2.4	0.0	4.2	0.0	5.0	0.0	2.1	0.0	4.0	0.0	0.1	
27	6.2	0.0	8.5	1.4	0.0	0.1	0.0	0.0	0.0	4.7	0.0	0.0	
28	0.0	0.0	0.5	1.9	0.0	4.6	0.0	0.1	0.0	3.6	0.0	0.0	
29	0.2	*****	0.0	0.0	0.0	0.0	10.8	0.0	0.0	1.2	0.0	0.0	
30	0.0	*****	0.0	1.2	0.0	14.0	0.8	5.1	0.0	1.3	0.0	0.0	
31	0.0	*****	0.0	*****	0.3	*****	1.5	0.0	*****	0.0	*****	0.0	
TOTALS	21.4	44.2	(51.8)	88.9	(24.2)	(39.5)	38.6	34.1	29.0	84.0	49.0	138.2	642.9
AVERAGE	59.0	48.0	48.0	47.0	63.0	51.0	45.0	76.0	63.0	58.0	72.0	43.0	713.0
% OF AV.	36.3	92.1	107.9	189.1	38.4	77.5	59.4	44.9	46.0	144.8	68.1	219.4	90.2

TABLE 11 CONTINUED

BRAMPTON BRYANRAINFALL IN MILLIMETRES FOR 1989STATION NUMBER 440885

NATIONAL GRID REFERENCE : EASTING 3371 NORTHING 2726.

ALTITUDE 131 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	2.5	8.1	0.0	5.9	0.0	0.0	0.0	0.0	3.1	0.0	
2	0.0	0.0	14.6	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.2	0.0	
3	3.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	
4	2.2	2.1	1.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	
5	4.7	0.0	0.0	19.4	0.0	0.0	2.7	0.0	0.0	1.6	2.1	0.0	
6	0.0	0.0	3.8	4.1	0.0	1.0	9.9	0.0	0.0	0.0	0.1	0.0	
7	0.0	0.0	0.0	0.0	0.0	2.4	11.1	0.0	0.0	2.1	9.8	0.0	
8	0.0	0.0	7.8	0.0	0.0	4.3	2.8	0.0	0.0	0.0	13.0	0.0	
9	0.0	3.2	1.5	6.3	0.0	0.0	0.0	14.1	0.0	1.4	5.2	0.0	
10	0.0	0.0	0.3	1.4	0.0	1.2	0.0	1.1	9.4	0.2	12.1	0.0	
11	6.5	1.8	0.0	7.6	2.2	0.0	0.0	0.5	3.1	3.1	1.1	6.4	
12	0.3	0.0	5.6	17.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	7.3	
13	4.6	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	33.1	
14	0.0	0.0	13.3	0.0	0.0	0.0	0.0	12.8	5.6	0.0	0.0	16.5	
15	0.0	0.8	0.0	0.0	0.3	0.0	0.0	5.2	2.2	0.0	0.0	12.7	
16	2.7	3.5	0.0	0.0	0.0	0.0	0.0	2.0	20.8	0.0	0.0	19.1	
17	0.0	5.9	0.0	0.0	0.0	0.0	0.0	3.3	0.3	0.0	2.7	8.7	
18	0.0	4.4	0.4	0.0	0.7	0.0	0.0	0.0	1.6	0.0	0.0	21.1	
19	0.1	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	9.3	
20	3.6	0.0	3.5	0.0	0.0	0.0	0.0	0.4	0.0	24.4	0.0	14.9	
21	4.9	3.3	1.6	0.0	0.0	0.0	0.0	0.0	1.0	7.3	0.0	2.0	
22	0.1	0.0	1.8	0.1	11.4	0.0	0.0	0.0	0.0	9.6	0.0	4.1	
23	3.3	8.1	15.0	1.3	0.0	0.0	0.0	0.0	0.0	0.4	0.0	4.7	
24	0.0	29.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	
25	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.8	0.0	2.2	
26	0.4	7.5	0.0	4.3	0.0	4.2	0.0	0.0	0.0	4.7	0.0	0.1	
27	4.2	2.6	4.7	1.2	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	
28	0.0	1.2	0.4	0.8	0.0	3.9	0.0	0.0	0.0	14.7	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	3.2	0.0	0.0	
30	0.0	0.0	0.0	0.5	0.0	5.4	1.0	2.1	0.0	1.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.0	0.0	
TOTALS	41.5	78.1	79.9	80.2	18.4	29.4	37.7	51.4	44.0	102.7	61.5	192.9	817.7
AVERAGE	80.0	61.0	60.0	55.0	73.0	58.0	66.0	86.0	80.0	75.0	91.0	82.0	649.0
% OF AV.	51.9	128.0	133.2	145.8	25.2	50.7	57.1	58.4	55.0	136.9	67.6	235.2	94.1

TABLE 11 CONTINUED

FINHAM W. RECL. WKSRAINFALL IN MILLIMETRES FOR 1989STATION NUMBER 449958

NATIONAL GRID REFERENCE : EASTING 4333 NORTHING 2739.

ALTITUDE 61 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	1.9	16.5	0.0	5.4	1.7	0.0	0.0	0.0	2.4	0.0	
2	0.0	0.0	6.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	
3	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	(0.0)	5.4	0.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
5	3.2	0.0	0.0	13.2	0.0	12.1	0.0	0.0	0.0	5.6	5.0	0.0	
6	(0.0)	0.0	6.7	9.9	0.0	31.2	12.8	0.0	0.0	2.1	0.8	0.0	
7	0.6	0.0	0.0	2.0	0.0	0.2	18.3	0.0	0.0	3.7	6.9	0.0	
8	0.0	0.0	2.2	0.0	0.0	12.3	1.2	0.0	2.5	(0.0)	27.2	0.0	
9	1.1	0.3	2.4	8.2	0.0	0.0	0.0	42.5	0.0	0.0	12.7	0.0	
10	0.0	0.0	0.2	2.8	2.7	0.0	0.0	6.2	0.0	0.0	11.0	0.0	
11	8.9	2.3	0.0	3.1	3.3	0.0	0.0	0.0	0.4	0.0	0.0	0.3	
12	1.1	0.0	8.1	2.6	2.7	0.0	0.0	0.0	0.0	1.6	0.0	12.1	
13	7.8	1.7	0.1	1.3	1.5	0.0	0.0	8.1	0.1	0.0	0.0	34.2	
14	0.0	0.0	16.3	0.0	0.0	0.0	0.0	14.6	2.7	0.0	0.2	16.2	
15	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.2	1.8	0.0	0.0	(28.6)	
16	2.7	1.6	6.4	2.7	0.0	0.0	0.0	3.9	35.7	0.0	0.0	30.9	
17	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.3	2.9	0.0	1.2	0.2	
18	0.0	2.4	(0.3)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	23.5	
19	0.0	2.8	(2.0)	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.2	4.2	
20	4.2	0.0	(4.2)	0.0	0.0	0.0	0.0	0.0	0.0	17.8	0.0	6.0	
21	1.1	4.3	(0.0)	2.0	0.0	0.0	0.0	0.0	0.0	3.8	0.1	1.4	
22	(0.0)	0.1	(0.5)	0.5	0.0	0.0	0.0	0.0	0.0	12.3	0.0	11.0	
23	0.3	1.8	(4.2)	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	13.5	(0.2)	5.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
25	0.0	0.0	0.0	0.2	0.0	0.0	0.0	7.8	0.0	2.1	0.0	0.0	
26	0.0	4.1	0.0	8.1	0.0	16.5	0.0	7.2	0.0	2.3	0.0	0.0	
27	7.4	0.6	2.1	0.0	0.0	0.5	0.0	0.0	0.0	2.7	0.0	0.0	
28	7.5	0.0	0.0	6.4	0.0	10.3	0.0	0.0	0.0	7.9	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.8	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	(2.0)	4.7	1.8	0.0	1.9	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTALS	(46.1)	52.9	62.6	104.4	18.9	(90.5)	44.2	92.4	46.1	73.0	73.3	169.4	874.0
AVERAGE	54.0	43.0	44.0	43.0	57.0	49.0	55.0	72.0	54.0	54.0	63.0	54.0	644.0
% OF AV.	85.4	123.0	142.3	242.8	33.2	184.7	80.4	128.6	85.4	135.2	116.3	302.5	135.7

TABLE 11 CONTINUED

PERSHORE COLL. OF HORT.

RAINFALL IN MILLIMETRES FOR 1989

STATION NUMBER 457134

NATIONAL GRID REFERENCE : EASTING 3959 NORTHING 2447. ALTITUDE 40 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	3.6	10.8	0.0	1.3	0.0	0.0	0.0	0.0	6.2	0.0	
2	0.0	0.0	4.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
3	0.3	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	
4	1.3	5.5	0.3	4.0	0.0	0.0	0.0	0.0	0.0	(0.0)	0.3	0.0	
5	1.3	0.1	0.0	13.7	0.0	2.4	0.0	0.0	0.0	4.5	0.2	0.1	
6	0.0	0.0	5.6	7.3	0.0	15.1	9.8	0.0	0.0	0.0	(0.0)	0.0	
7	0.0	0.0	0.0	0.1	0.0	0.0	8.5	0.0	(0.0)	2.2	16.9	0.0	
8	(0.0)	0.0	0.5	0.0	0.0	5.5	1.2	0.0	0.0	0.2	14.2	0.0	
9	1.3	0.5	0.1	14.7	0.0	0.0	0.0	28.5	0.0	1.5	7.8	0.0	
10	0.0	0.0	0.2	2.1	0.8	(0.0)	0.0	1.1	0.7	0.1	0.3	0.0	
11	5.0	1.3	0.0	4.5	3.0	0.0	0.0	(0.0)	6.4	0.0	0.0	5.0	
12	0.1	0.3	2.4	8.4	0.2	0.0	0.0	(0.0)	9.8	0.4	0.1	11.3	
13	4.1	1.6	1.0	0.0	0.0	(0.0)	0.0	4.4	1.6	0.0	(0.0)	26.3	
14	0.0	0.1	7.2	0.0	0.0	0.0	0.0	13.5	1.8	(0.0)	0.5	6.1	
15	0.0	(0.0)	0.1	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	14.0	
16	3.2	4.7	5.6	7.0	0.7	0.0	0.0	0.7	38.8	0.0	0.0	11.0	
17	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.0	5.5	0.3	
18	0.0	3.5	0.3	0.0	(0.0)	0.0	0.0	0.0	0.9	0.0	0.0	21.6	
19	0.0	3.7	2.9	0.0	0.0	0.0	0.0	0.0	21.2	0.0	0.0	2.6	
20	3.7	0.0	4.7	(0.0)	0.0	0.0	0.0	0.0	0.0	17.3	0.0	2.5	
21	0.7	2.4	0.2	0.0	0.0	0.0	(0.0)	0.0	1.8	7.5	(0.0)	1.1	
22	0.1	0.6	0.6	(0.0)	13.0	0.0	0.0	0.0	0.0	7.2	0.0	3.0	
23	0.0	3.1	2.9	0.9	1.8	0.0	0.0	0.0	0.0	0.1	0.0	0.3	
24	0.0	5.4	0.0	3.8	24.6	0.0	0.0	(0.0)	0.0	0.0	0.0	11.4	
25	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5.2	0.0	5.2	0.0	1.3	
26	0.0	4.8	0.0	1.1	0.0	10.2	0.0	0.1	0.0	1.0	0.0	0.1	
27	6.6	0.3	0.5	(0.0)	0.0	0.1	0.0	0.0	0.0	5.9	0.0	9.7	
28	2.2	(0.0)	(0.0)	0.9	0.0	8.8	0.0	0.0	0.0	1.6	0.0	0.0	
29	0.2	*****	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.4	0.0	0.0	
30	0.0	*****	0.0	0.6	0.0	(0.0)	1.9	2.0	0.0	1.0	0.0	0.0	
31	0.0	*****	0.0	*****	1.8	*****	0.1	0.0	*****	0.2	*****	0.0	
TOTALS	30.1	42.5	43.2	81.4	46.1	43.4	30.9	56.0	63.4	77.5	51.5	127.7	693.7
AVERAGE	55.0	38.0	42.0	43.0	59.0	46.0	55.0	72.0	56.0	52.0	66.0	57.0	641.0
% OF AV.	54.7	111.8	102.9	189.3	78.1	94.3	56.2	77.8	113.2	149.0	78.0	224.0	108.2

TABLE 11 CONTINUED

WILLENHALL S.M.S. NO.2

RAINFALL IN MILLIMETRES FOR 1989

STATION NUMBER 094320

NATIONAL GRID REFERENCE : EASTING 3979 NORTHING 2983. ALTITUDE 119 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	3.7	17.9	0.0	0.2	0.0	0.0	0.0	0.0	1.5	0.0	
2	0.0	0.0	2.4	5.3	0.0	3.4	0.0	0.0	0.0	0.0	1.0	0.0	
3	0.0	0.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.8	0.0	
4	0.5	8.4	0.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	3.0	0.0	0.0	11.2	0.0	11.3	0.0	0.0	0.0	2.9	0.6	0.0	
6	0.1	0.0	1.9	10.2	0.0	5.8	20.7	0.0	0.0	0.3	0.0	0.0	
7	0.0	0.0	0.0	0.7	0.0	0.0	9.8	0.0	0.0	5.5	9.1	0.0	
8	0.0	0.0	1.1	0.0	0.0	3.3	3.8	0.0	0.1	0.3	13.7	0.8	
9	1.8	0.8	0.5	17.8	0.0	0.0	0.0	10.6	0.4	0.0	1.4	0.0	
10	0.0	0.0	0.4	2.1	0.0	0.0	0.0	3.9	1.6	0.0	0.5	0.0	
11	4.0	1.7	0.0	3.6	1.4	0.0	0.0	0.2	0.6	0.3	0.0	2.9	
12	0.1	0.0	1.8	4.7	5.6	0.0	0.0	0.0	0.0	3.8	0.0	4.7	
13	3.0	2.0	1.2	2.2	0.6	0.0	0.0	3.9	0.5	0.1	0.0	26.9	
14	0.0	0.0	9.7	0.0	0.0	0.0	0.0	4.1	4.9	0.0	0.0	29.2	
15	0.0	3.3	0.2	0.0	0.6	0.0	0.0	1.1	1.0	0.1	0.0	8.2	
16	3.4	2.0	1.4	0.3	0.0	0.0	0.0	0.0	16.7	0.0	0.0	18.3	
17	0.0	3.7	0.0	0.1	0.0	0.0	0.0	(1.4)	1.3	0.0	4.1	1.2	
18	0.0	2.4	2.5	0.0	0.6	0.0	0.0	(0.0)	0.1	0.0	0.4	25.1	
19	0.3	0.0	2.4	0.0	0.0	0.0	0.0	(0.0)	0.0	14.1	0.0	4.1	
20	4.5	0.0	7.0	0.0	0.0	0.0	0.0	(0.0)	0.0	17.4	0.0	6.8	
21	1.8	2.2	1.0	0.0	0.0	0.0	0.0	0.0	1.0	3.1	0.0	0.5	
22	0.1	0.0	2.0	2.1	(8.1)	0.0	0.0	0.0	0.0	14.7	0.0	0.2	
23	0.0	2.2	4.5	2.6	(0.0)	0.0	0.0	0.0	0.4	1.4	0.0	0.6	
24	0.0	26.0	0.6	0.7	(3.0)	0.0	0.0	0.0	0.0	0.2	0.0	19.2	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.3	1.7	0.0	6.2	
26	0.0	1.3	0.0	4.1	0.0	3.8	0.0	2.9	0.2	2.1	0.0	0.0	
27	6.1	0.3	0.9	0.2	0.0	3.6	0.0	0.0	0.0	6.1	0.0	0.0	
28	0.8	0.0	0.4	2.3	0.0	6.0	0.0	0.0	0.0	6.4	0.0	0.0	
29	0.0	*****	0.0	0.2	0.0	0.0	9.4	0.0	0.0	2.0	0.0	0.0	
30	0.0	*****	0.0	1.0	0.0	11.3	3.0	3.9	0.0	1.1	0.0	0.0	
31	0.0	*****	0.0	*****	1.5	*****	1.5	0.0	*****	0.0	*****	0.0	
TOTALS	29.5	56.3	46.2	95.2	21.4	48.8	48.2	38.2	29.1	83.8	33.1	154.9	684.7
AVERAGE	58.0	46.0	46.0	46.0	61.0	48.0	60.0	73.0	59.0	57.0	68.0	61.0	683.0
% OF AV.	50.9	122.4	100.4	207.0	35.1	101.7	80.3	52.3	49.3	147.0	48.7	253.9	100.2

TABLE 11 CONTINUED

EDALE HILL

RAINFALL IN MILLIMETRES FOR 1982

STATION NUMBER 106686

NATIONAL GRID REFERENCE : EASTING 4133 NORTHING 3854.

ALTITUDE 221 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	7.2	1.4	0.0	1.1	0.9	0.0	0.0	0.0	4.9	0.0	
2	0.0	0.2	6.4	18.0	0.0	1.1	0.0	1.0	0.0	0.0	2.5	0.0	
3	1.0	0.3	(0.1)	2.5	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	
4	2.3	15.5	(3.8)	12.9	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	
5	11.4	0.3	(0.1)	6.0	0.0	6.1	0.0	0.0	0.0	0.5	0.0	0.5	
6	0.2	0.0	4.7	7.9	0.0	6.3	0.0	0.0	0.0	11.8	3.6	0.0	
7	1.1	0.0	0.0	8.8	0.0	8.3	5.4	0.0	0.0	7.3	3.5	0.0	
8	0.0	0.0	2.3	0.0	0.0	0.4	7.1	0.0	0.0	0.0	32.4	0.0	
9	0.1	0.0	3.5	14.8	0.0	0.9	0.0	1.9	0.0	0.0	3.9	0.2	
10	0.0	0.0	0.7	6.5	0.0	0.0	1.0	10.3	0.4	0.8	9.4	0.0	
11	3.1	5.0	0.0	6.6	10.5	0.0	0.0	2.7	0.4	0.7	1.5	3.6	
12	0.7	1.0	15.5	10.3	4.3	0.0	0.0	1.0	0.3	12.5	0.0	3.8	
13	13.3	9.3	2.4	0.6	0.0	1.0	0.0	2.0	3.7	11.1	0.0	14.2	
14	0.3	2.7	10.5	0.1	0.0	0.0	0.0	5.3	1.3	2.1	0.0	22.6	
15	0.0	10.3	0.7	0.0	1.2	0.0	0.0	1.6	3.4	0.4	0.0	9.0	
16	3.1	0.2	(1.5)	0.0	0.0	0.0	0.0	2.4	9.1	0.0	0.0	11.8	
17	0.0	15.1	(0.0)	0.0	0.3	0.0	0.0	1.8	0.4	0.0	1.4	3.5	
18	0.0	2.4	(11.2)	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	8.8	
19	0.2	0.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	20.4	0.0	9.2	
20	3.8	2.1	14.0	0.4	0.0	0.0	0.0	0.0	0.0	9.8	0.0	13.8	
21	3.7	4.0	4.2	0.0	0.0	0.0	0.0	0.0	1.4	7.5	0.0	14.7	
22	0.2	0.0	5.6	16.5	0.5	0.0	0.0	1.4	4.5	12.0	0.8	1.1	
23	0.2	4.0	24.7	3.6	0.0	0.0	0.0	0.0	0.0	6.1	0.0	3.8	
24	0.0	37.7	1.5	0.0	12.2	0.0	0.0	2.2	0.5	3.0	0.0	12.8	
25	1.2	0.6	0.7	0.0	0.0	0.0	0.0	6.7	0.6	3.7	0.0	1.0	
26	0.9	5.5	0.0	3.8	0.0	7.9	0.0	5.1	0.0	5.1	0.0	0.0	
27	3.1	6.9	4.0	1.2	0.0	10.2	1.9	0.0	0.0	(3.9)	0.0	0.0	
28	0.0	33.4	0.3	4.6	0.0	12.6	0.0	0.9	0.0	(26.4)	0.0	0.0	
29	0.0	0.0	0.6	0.0	0.0	0.0	8.0	1.2	0.0	15.9	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.8	44.0	1.5	6.3	0.0	0.4	0.0	0.0	
31	0.0	0.0	0.0	0.0	6.2	0.0	5.0	0.2	0.0	0.0	0.0	0.0	
TOTALS	49.9	156.4	130.8	126.5	36.0	99.9	30.8	54.2	26.3	161.4	88.3	134.4	1095.1
AVERAGE	129.0	100.0	82.0	78.0	80.0	83.0	100.0	111.0	111.0	107.0	130.0	130.0	1241.0
% OF AV.	38.7	156.6	159.5	162.2	45.0	120.4	30.8	48.8	23.7	150.8	67.9	103.4	88.2

TABLE 11 CONTINUED

MAREATION PARK

RAINFALL IN MILLIMETRES FOR 1982

STATION NUMBER 110371

NATIONAL GRID REFERENCE : EASTING 4333 NORTHING 3377.

ALTITUDE 58 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	0.4	9.4	0.0	0.0	0.1	0.0	0.0	0.0	1.4	0.0	
2	0.0	0.0	6.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	(0.9)	0.0	
3	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	(0.4)	0.0	
4	0.0	9.0	1.2	14.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	
5	4.4	0.0	0.0	4.1	0.0	8.0	0.0	0.0	0.0	0.7	0.0	0.1	
6	0.2	0.0	2.5	10.7	0.0	10.5	12.7	0.0	0.0	1.6	0.9	0.0	
7	0.5	0.0	0.0	(3.0)	0.0	0.5	5.9	0.0	0.6	1.6	8.6	0.0	
8	0.0	0.0	5.7	0.0	0.0	0.3	0.8	0.0	0.3	0.0	10.3	0.0	
9	0.2	0.8	3.1	14.2	0.0	0.9	0.8	3.5	0.0	0.0	1.3	0.0	
10	0.0	0.5	2.2	2.5	0.0	0.0	0.0	8.5	0.4	0.0	0.8	0.0	
11	6.0	4.1	0.0	1.6	3.5	0.0	0.0	1.6	1.5	0.0	0.0	4.4	
12	0.6	2.2	5.5	9.6	7.1	0.0	0.0	0.0	0.2	1.1	0.0	2.0	
13	6.0	3.5	1.2	5.1	0.8	3.6	0.0	1.5	2.1	0.6	0.0	16.9	
14	0.0	0.0	11.3	0.0	0.0	0.0	0.0	4.2	3.1	1.3	0.3	21.4	
15	0.0	2.5	0.1	0.1	0.0	0.0	0.0	1.7	4.9	0.0	0.0	10.0	
16	0.5	1.4	1.6	0.5	0.0	0.0	0.0	0.0	(15.2)	0.0	0.0	22.5	
17	0.0	4.0	0.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.1	0.6	
18	0.0	2.8	2.4	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0	18.5	
19	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	6.2	
20	5.4	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	8.8	
21	4.2	2.1	1.0	0.1	0.0	0.0	0.0	0.0	2.9	4.1	0.0	4.0	
22	0.1	0.1	1.6	7.1	0.0	0.0	0.0	0.0	0.0	11.5	(0.0)	0.0	
23	0.0	1.9	5.4	2.7	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.5	
24	0.0	25.5	0.3	1.0	7.9	0.0	0.0	0.5	0.0	0.0	0.0	17.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.2	1.6	0.0	3.4	
26	(2.0)	0.1	0.0	5.4	0.0	7.6	0.0	11.1	0.0	4.7	0.0	0.1	
27	(4.7)	0.0	1.9	0.5	0.0	5.3	0.0	0.0	0.0	2.6	0.0	0.0	
28	0.6	5.9	0.4	3.5	0.0	6.3	0.0	0.0	0.0	4.8	0.0	0.0	
29	0.0	0.0	0.0	0.1	0.0	0.1	5.8	0.0	0.0	7.7	0.0	0.0	
30	0.0	0.0	0.0	0.3	0.0	15.1	3.2	5.0	0.0	1.7	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.2	0.0	2.1	0.0	0.0	0.0	0.0	0.0	
TOTALS	35.4	66.4	66.1	(112.5)	19.8	58.2	31.4	40.7	(33.1)	78.9	27.7	139.4	709.6
AVERAGE	64.0	51.0	48.0	48.0	56.0	55.0	61.0	74.0	64.0	58.0	68.0	64.0	711.0
% OF AV.	55.3	130.2	137.7	234.4	35.4	105.8	51.5	55.0	51.7	136.0	40.7	217.8	99.8

TABLE 11 CONTINUED

ULVERSCROFTRAINFALL IN MILLIMETRES FOR 1982STATION NUMBER 114007

NATIONAL GRID REFERENCE : EASTING 4498 NORTHING 3117.

ALTITUDE 195 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	0.8	12.2	0.0	0.0	0.0	0.0	0.0	0.0	3.9	(0.0)	
2	0.0	0.0	12.4	11.7	0.0	0.5	0.0	0.0	0.0	0.0	2.2	(0.1)	
3	0.3	0.5	0.0	0.3	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.0	
4	0.0	4.3	1.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
5	6.6	0.0	0.0	7.4	0.0	5.8	0.0	0.0	0.0	1.9	0.1	0.4	
6	0.0	0.0	4.3	11.7	0.0	27.9	8.2	0.0	0.0	1.0	0.2	0.0	
7	0.5	0.0	0.0	3.0	0.0	4.3	10.9	0.0	0.7	3.3	9.7	0.2	
8	0.0	0.0	4.6	0.3	0.0	0.5	0.9	0.0	1.0	0.0	25.0	0.1	
9	0.5	2.3	0.3	11.2	0.0	0.3	0.6	10.3	0.0	0.0	8.4	0.0	
10	0.0	0.8	1.5	3.6	0.8	0.0	0.1	5.9	0.3	0.3	0.9	0.0	
11	4.1	1.8	0.0	5.6	2.3	0.0	0.0	(0.0)	3.2	0.2	0.0	2.7	
12	2.5	0.0	2.0	8.9	9.4	0.0	0.0	0.0	0.1	1.5	0.0	4.8	
13	5.8	3.0	0.3	0.8	0.0	0.0	0.0	1.3	3.4	0.5	0.0	21.9	
14	0.0	0.0	8.4	0.0	0.0	0.0	0.0	10.8	6.5	0.0	0.0	22.1	
15	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	0.0	10.4	
16	0.5	3.3	2.3	2.0	0.5	0.0	0.0	0.0	19.1	0.0	0.0	12.9	
17	0.0	4.3	0.0	0.3	0.0	0.0	0.0	0.1	1.3	0.0	0.5	0.0	
18	0.0	0.5	1.8	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	26.2	
19	0.0	0.0	4.6	0.3	0.0	0.0	0.0	0.0	0.0	8.0	0.0	4.6	
20	5.3	0.0	4.8	0.3	0.8	0.0	0.0	0.8	0.0	12.2	0.0	6.5	
21	3.8	2.3	1.3	0.3	0.0	0.0	0.0	0.0	0.3	13.6	0.1	0.9	
22	0.0	0.0	2.5	5.6	0.0	0.0	0.0	0.0	0.2	6.5	0.0	0.0	
23	0.0	0.5	5.8	5.1	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.6	
24	0.0	20.8	0.3	10.7	15.0	0.0	0.0	1.2	0.0	0.0	0.0	7.4	
25	0.0	0.0	0.0	0.5	0.0	0.0	0.0	3.5	0.1	1.1	0.0	1.0	
26	0.0	0.3	0.0	6.6	0.0	14.5	0.0	2.5	0.0	1.1	0.0	0.1	
27	8.4	0.0	2.3	0.5	0.0	0.8	0.0	0.0	0.0	4.3	0.0	0.0	
28	1.0	1.5	0.0	4.1	0.0	11.9	0.0	0.0	0.0	4.5	0.0	0.0	
29	0.0	*****	0.0	0.5	0.0	0.0	10.4	0.0	0.0	2.3	0.0	0.0	
30	0.0	*****	0.0	1.0	0.0	15.2	2.8	4.2	0.0	1.7	0.0	0.0	
31	0.0	*****	0.0	*****	0.8	*****	3.5	0.0	*****	0.0	*****	(0.0)	
TOTALS	39.3	48.7	62.1	125.2	29.1	83.5	37.4	41.4	36.8	65.5	51.6	124.9	745.5
AVERAGE	65.0	52.0	52.0	51.0	59.0	55.0	64.0	76.0	61.0	62.0	72.0	63.0	732.0
% OF AV.	60.5	73.7	119.4	245.5	49.3	151.8	58.4	54.5	60.3	105.6	71.7	198.3	101.8

TABLE 11 CONTINUED

NEARBY P.S.S.RAINFALL IN MILLIMETRES FOR 1982STATION NUMBER 128456

NATIONAL GRID REFERENCE : EASTING 4835 NORTHING 4112.

ALTITUDE 6 METRES A.M.S.L.

DAY NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	0.0	0.0	0.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	5.1	0.0	0.0	2.5	0.0	0.0	0.0	0.0	1.8	0.0	
3	0.0	0.0	0.0	1.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.5	3.3	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	2.9	0.0	0.0	5.2	0.0	0.3	0.0	0.0	0.0	2.4	0.0	0.4	
6	0.0	0.0	2.0	5.5	0.0	2.5	0.0	0.0	0.0	5.2	0.4	0.0	
7	0.0	0.0	0.0	0.3	0.0	2.6	13.9	0.0	0.0	3.4	0.7	0.0	
8	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.6	0.0	17.3	0.0	
9	0.0	0.0	1.8	4.9	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.1	
10	0.0	1.8	1.6	3.0	1.3	0.0	1.2	6.2	0.5	0.2	3.4	0.0	
11	2.0	0.9	0.0	3.6	6.0	0.0	0.0	0.0	4.5	0.2	0.8	1.3	
12	0.0	0.0	1.2	1.0	1.8	0.0	0.0	0.0	0.1	0.5	0.2	1.7	
13	1.7	0.7	0.3	4.7	0.0	0.0	0.0	0.0	0.9	0.0	0.2	17.1	
14	0.0	0.0	1.5	0.0	0.0	0.8	0.0	11.3	0.0	0.0	0.0	16.1	
15	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0	0.0	4.4	
16	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	7.8	
17	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	1.7	
18	0.0	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	11.9	
19	0.0	0.0	1.2	1.4	0.0	0.0	0.0	0.0	0.0	7.1	0.0	1.6	
20	3.6	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	4.2	
21	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.2	4.7	0.0	5.4	
22	0.3	0.0	0.8	6.0	0.0	0.0	0.0	0.0	1.3	8.7	0.0	0.0	
23	0.0	0.7	5.4	2.6	8.3	0.0	0.0	0.0	0.0	1.9	0.0	0.0	
24	0.0	13.8	0.0	5.1	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.1	
25	0.0	0.0	0.8	0.9	0.0	0.0	0.0	1.1	0.0	0.8	0.6	0.9	
26	0.4	0.0	0.0	0.0	0.0	5.2	0.0	5.0	0.0	3.0	0.0	0.0	
27	0.0	0.4	1.8	0.0	0.0	25.3	0.3	0.0	0.0	2.0	0.0	0.0	
28	0.0	0.4	0.8	1.3	0.0	1.5	0.0	0.2	0.0	1.1	0.0	0.0	
29	0.0	*****	0.3	0.0	0.0	0.0	18.7	0.0	0.0	1.1	0.0	0.0	
30	0.0	*****	0.0	1.1	0.0	19.5	4.7	1.1	0.0	1.0	0.0	0.0	
31	0.0	*****	0.0	*****	0.9	*****	2.2	0.0	*****	0.0	*****	0.0	
TOTALS	12.7	23.2	38.6	56.6	18.3	62.2	41.0	27.0	20.2	47.1	27.6	76.7	451.2
AVERAGE	51.0	42.0	38.0	42.0	46.0	49.0	60.0	72.0	50.0	49.0	64.0	48.0	611.0
% OF AV.	24.9	55.2	101.6	134.8	39.8	126.9	68.3	37.5	40.4	96.1	43.1	159.8	73.8

TABLE 12
SEVERN-TRENT REGION - AREAL RAINFALL FOR 1989

AREA		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
SEVERN-TRENT	mm	33	62	65	93	24	55	41	47	39	79	50	130	718
	%LTA	48	117	125	179	38	98	63	58	58	122	64	186	93
SEVERN BASIN	mm	38	72	73	85	25	48	43	55	48	87	59	144	777
	%LTA	50	127	130	158	36	85	65	65	66	122	71	182	94
WELSH MOUNTAINS	mm	82	184	185	91	26	66	39	67	53	140	97	201	1231
	%LTA	58	170	201	104	27	83	42	58	44	111	68	131	91
SHROPSHIRE PLAIN	mm	24	49	53	79	26	43	44	40	29	79	57	123	646
	%LTA	38	101	112	168	41	83	67	54	45	125	79	187	89
MID-SEVERN/TEME	mm	31	62	59	82	22	30	42	45	37	91	57	162	720
	%LTA	44	113	107	158	32	55	66	55	51	134	69	213	90
AVON TO EVESHAM	mm	33	43	54	86	17	59	36	58	60	57	45	109	657
	%LTA	58	101	118	191	30	115	62	78	105	100	68	184	98
LOWER SEVERN/ESTUARY	mm	35	74	61	77	37	44	44	60	53	89	54	132	760
	%LTA	52	153	123	158	55	81	77	78	80	143	69	188	102
TRENT BASIN	mm	30	54	58	102	24	61	39	40	31	74	43	120	676
	%LTA	43	98	127	195	42	118	56	57	53	109	58	190	92
UPPER TRENT	mm	30	57	55	89	24	52	33	41	30	82	49	103	645
	%LTA	45	112	110	174	39	91	49	50	44	128	67	150	85
TAME	mm	29	50	52	99	22	53	48	45	31	82	41	138	690
	%LTA	47	104	103	202	36	101	76	59	53	139	58	219	97
DOVE	mm	40	83	89	120	23	82	32	43	30	95	57	138	832
	%LTA	47	126	146	191	33	117	40	45	36	127	62	155	89
DERWENT	mm	40	90	93	134	29	71	39	47	33	107	54	154	891
	%LTA	40	114	133	195	39	100	48	49	37	125	51	154	87
SOAR	mm	34	40	50	105	25	70	55	43	37	57	42	109	667
	%LTA	58	84	107	223	45	140	94	61	68	101	64	192	100
LOWER TRENT	mm	16	35	46	100	28	65	30	35	31	59	29	116	590
	%LTA	26	72	99	218	51	130	52	49	55	112	41	208	88

Rainfall in millimetres (mm)

%LTA - monthly rainfall total as a percentage of the Long Term monthly Average (1941 to 1970).

E.GROUNDWATER.

1.GROUNDWATER HYDROGRAPHS FOR 1989

The five examples of groundwater hydrographs shown in figures 8 to 12 show levels for 1989 compared with those for a number of previous years. Four of the five sites are on sandstone aquifers. Three of these four, Weeford Flats, Shrawley and Heathlanes, demonstrate clear annual cycles, levels usually rising in mid year in response to winter rainfall. This lag is much less evident for the Two Dale Barn site on Carboniferous limestone, which also demonstrates the sharp fluctuations in level typical of this aquifer. The site locations are shown in figure 1. These examples are selected from the 350 sites for which data is available.

All four sandstone aquifers show consistently falling levels throughout 1989 reflecting the low winter recharge and subsequent low summer rainfall, although all four are well above levels recorded during the 1976 drought.

FIGURE 8



NRA

SEVERN TRENT
REGION

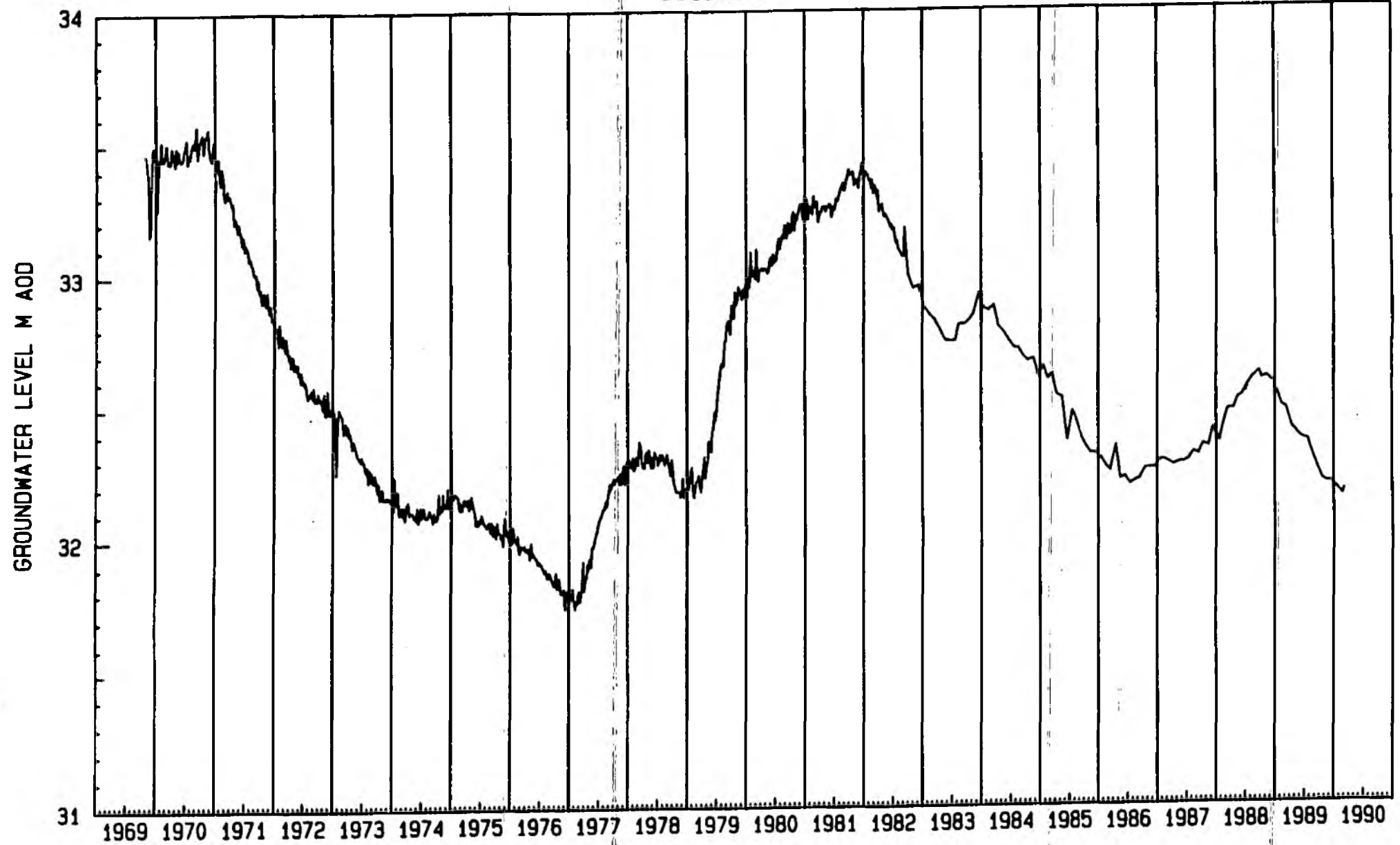
GROUNDWATER HYDROGRAPH

WEEFORD FLATS

SK14400464

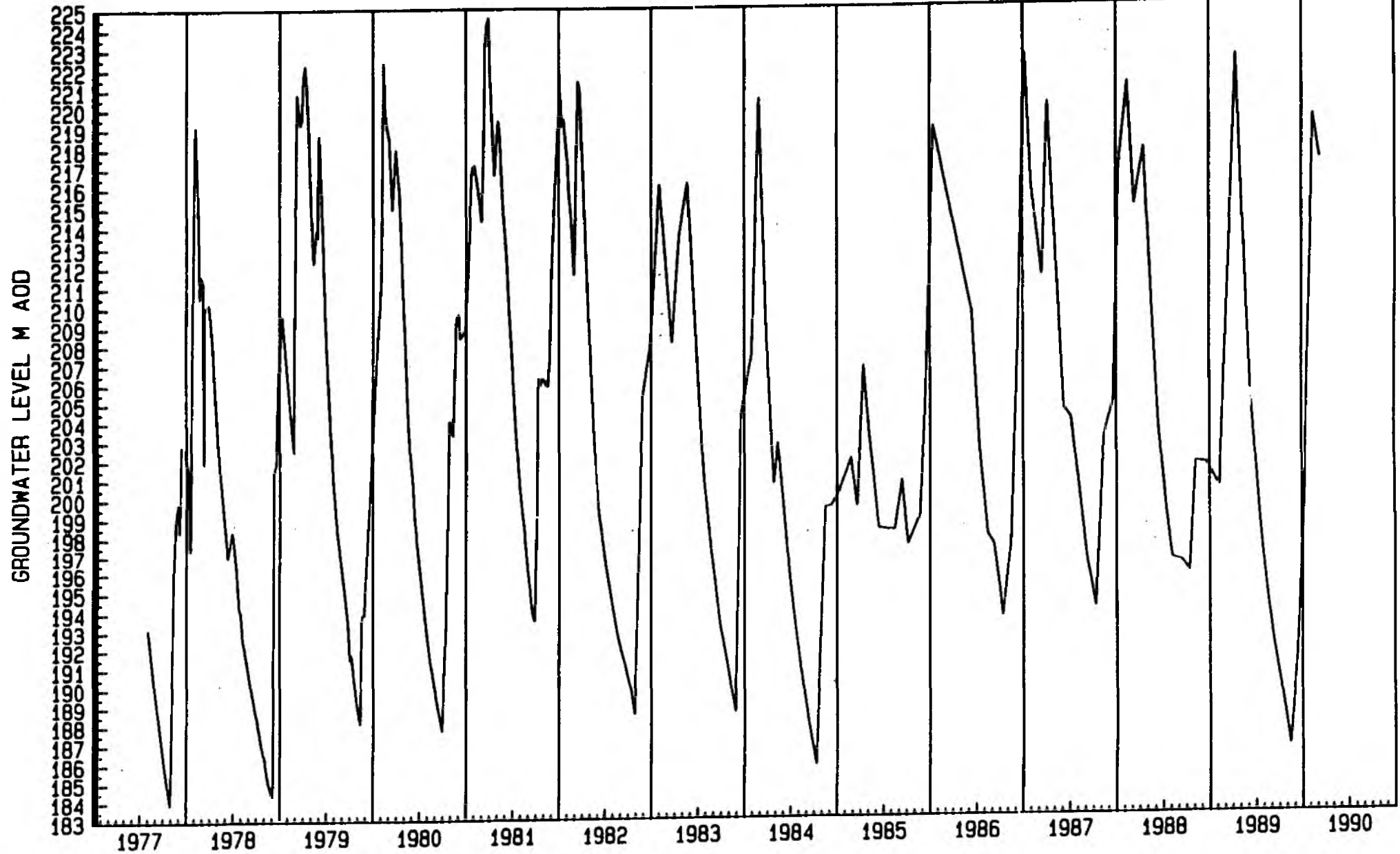
1200

FIGURE 9



NRA	SEVERN TRENT REGION	GROUNDWATER HYDROGRAPH		
		MORRIS DANCERS	SK64487257	1730

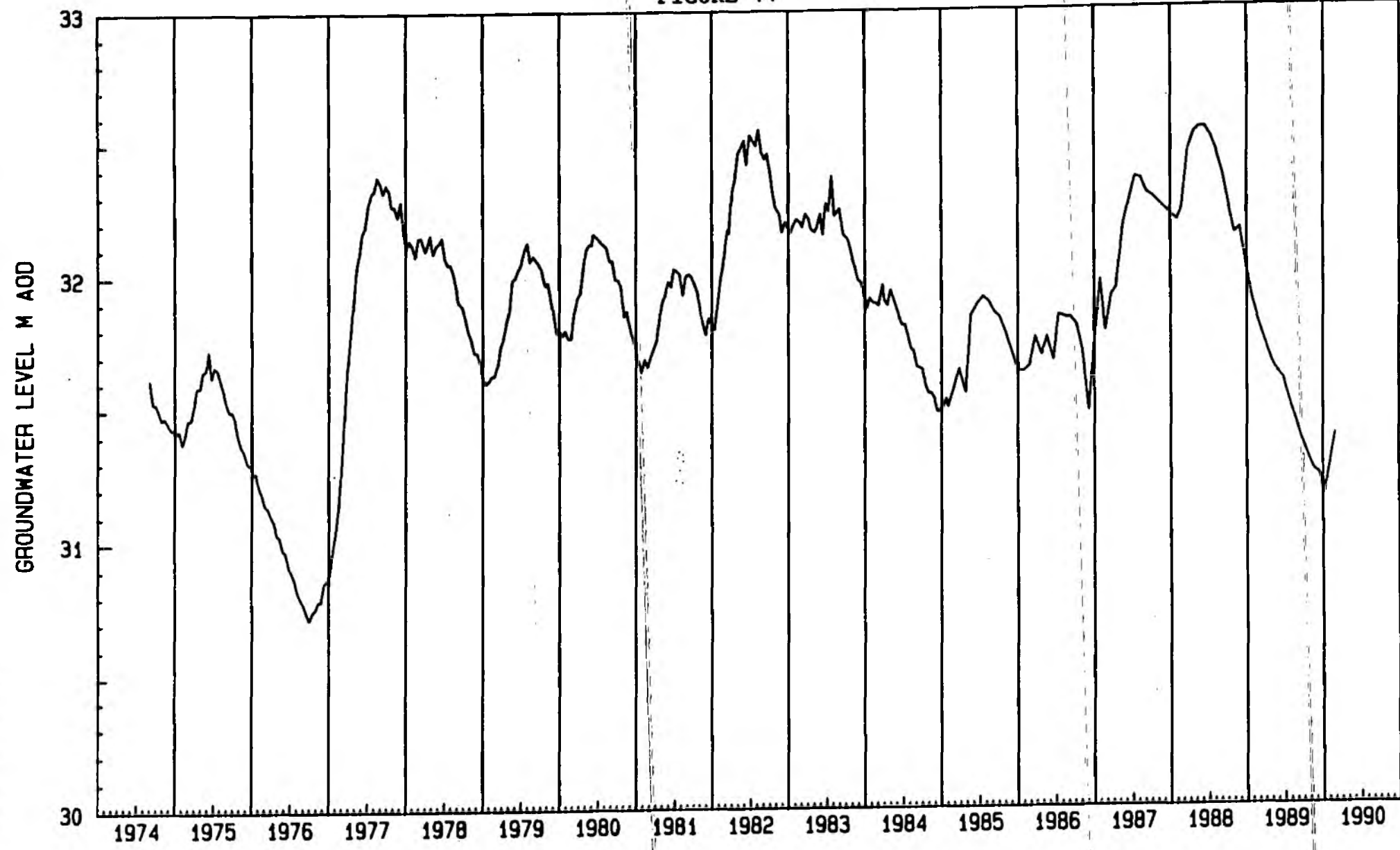
FIGURE 10



NRA	SEVERN TRENT REGION	GROUNDWATER HYDROGRAPH		
		TWO DALE BARN	SK19405580	1437

78

FIGURE 11



NRA	SEVERN TRENT REGION	GROUNDWATER HYDROGRAPH		
		SHRAWLEY NO.2	S079906620	0364

FIGURE 12



NRA

SEVERN TRENT
REGION

GROUNDWATER HYDROGRAPH

HEATHLANES 23

SJ61952105

0169

F. MISCELLANEOUS DATA

1. SOIL MOISTURE AND EVAPOTRANSPIRATION.

Figures 13 and 14 show the variations in soil moisture deficits and evapotranspiration throughout the year. All data is derived from the MORECS service run by the Meteorological Office.

The SMD values for the early part of the year show how slow the south eastern part of the region was in reaching field capacity. However, by early March the normal situation of zero SMD had been reached in all areas.

The shape of the April to December section of the curve is typical but maximum values were well above what would normally be expected, and were very consistent throughout the area. The heavy rainfall in late December quickly brought all areas back to field capacity.

The evapotranspiration data is shown as both actual and potential. Potential evapotranspiration is what would theoretically occur from a surface covered in short grass assuming moisture was always available in the soil. In persistent hot weather this need not necessarily be the case, leading to a difference between the two. In July the actual value was less than half the potential due to the high soil moisture deficits.

2. WATER TEMPERATURE

Eight river level sites have been equipped with water temperature sensors that feed data into the on site loggers. These are retrieved automatically along with the river level information.

Annual plots of mean daily water temperature data for two of these sites within the Severn catchment are shown in Figures 15 and 16 and their locations in figure 1. The basic patterns are as would be expected with temperature building up rapidly in May and June with the peak in July.

FIGURE 13
SOIL MOISTURE DEFICIT VALUES FOR
THE SEVERN TRENT REGION.1989

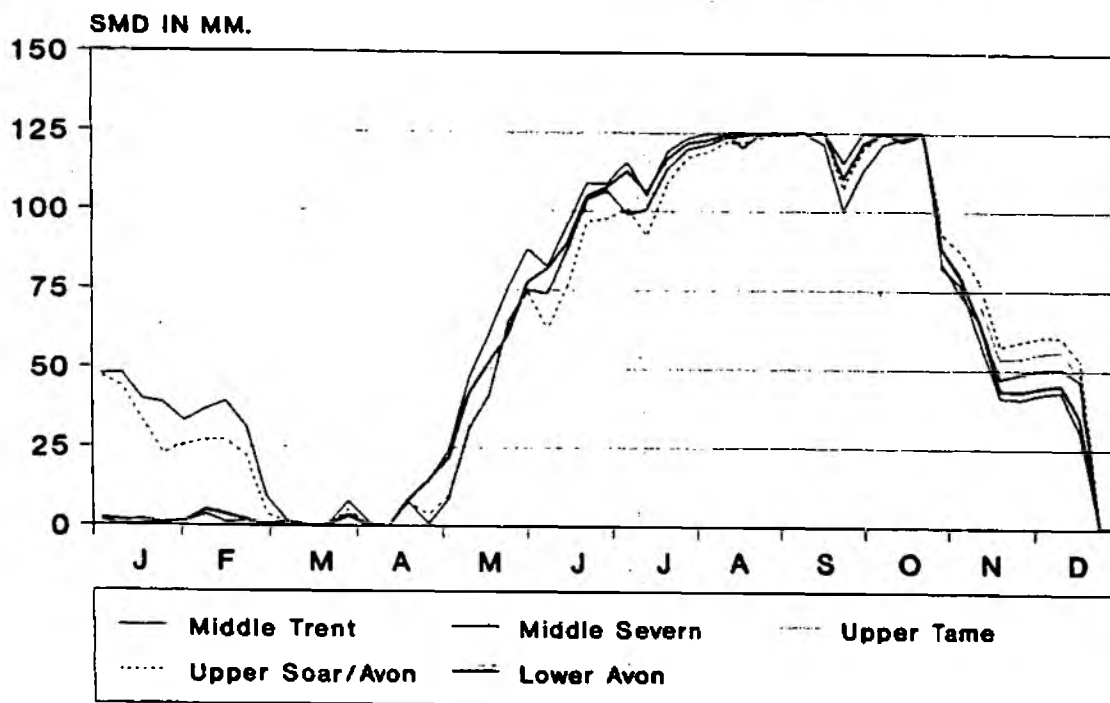


FIGURE 14
ACTUAL AND POTENTIAL EVAPOTRANSPIRATION
VALUES FOR THE SEVERN TRENT REGION.1989

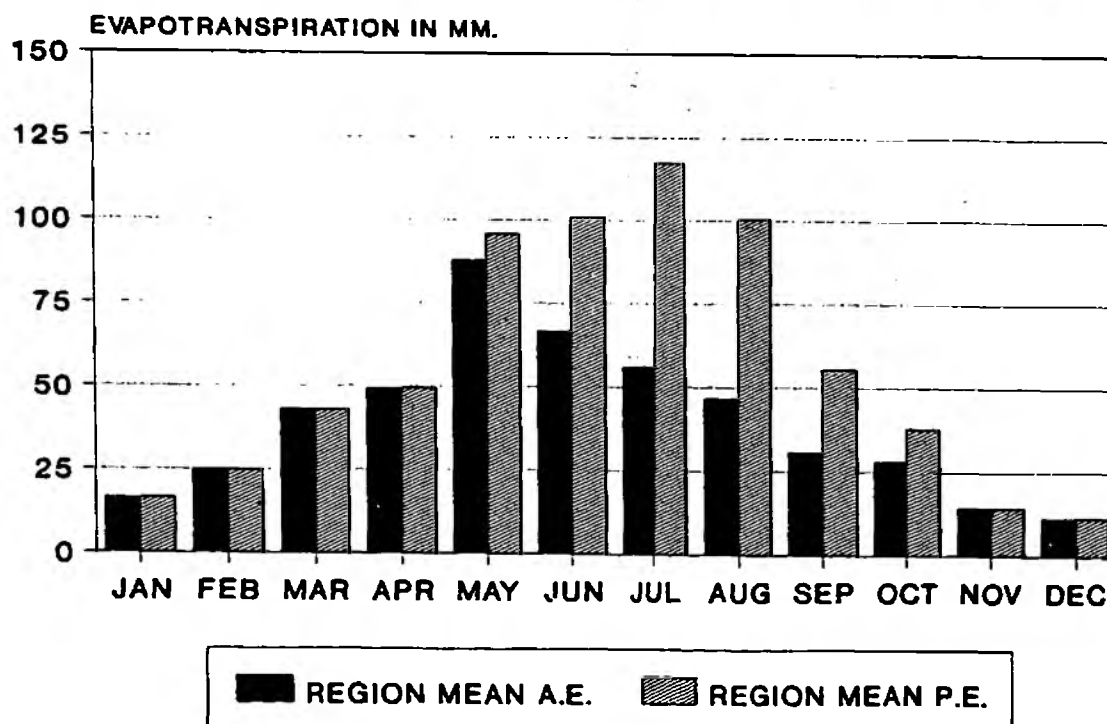
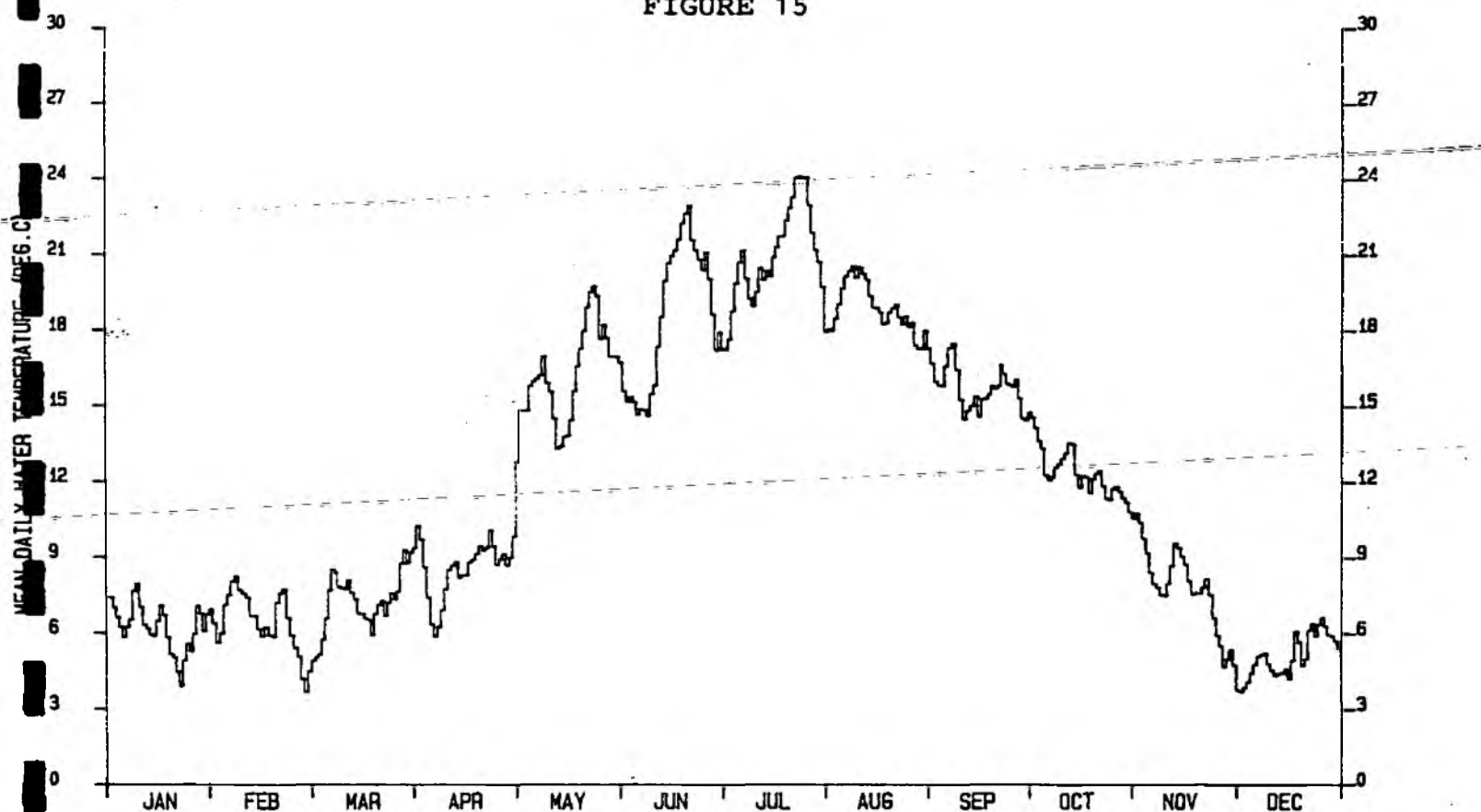
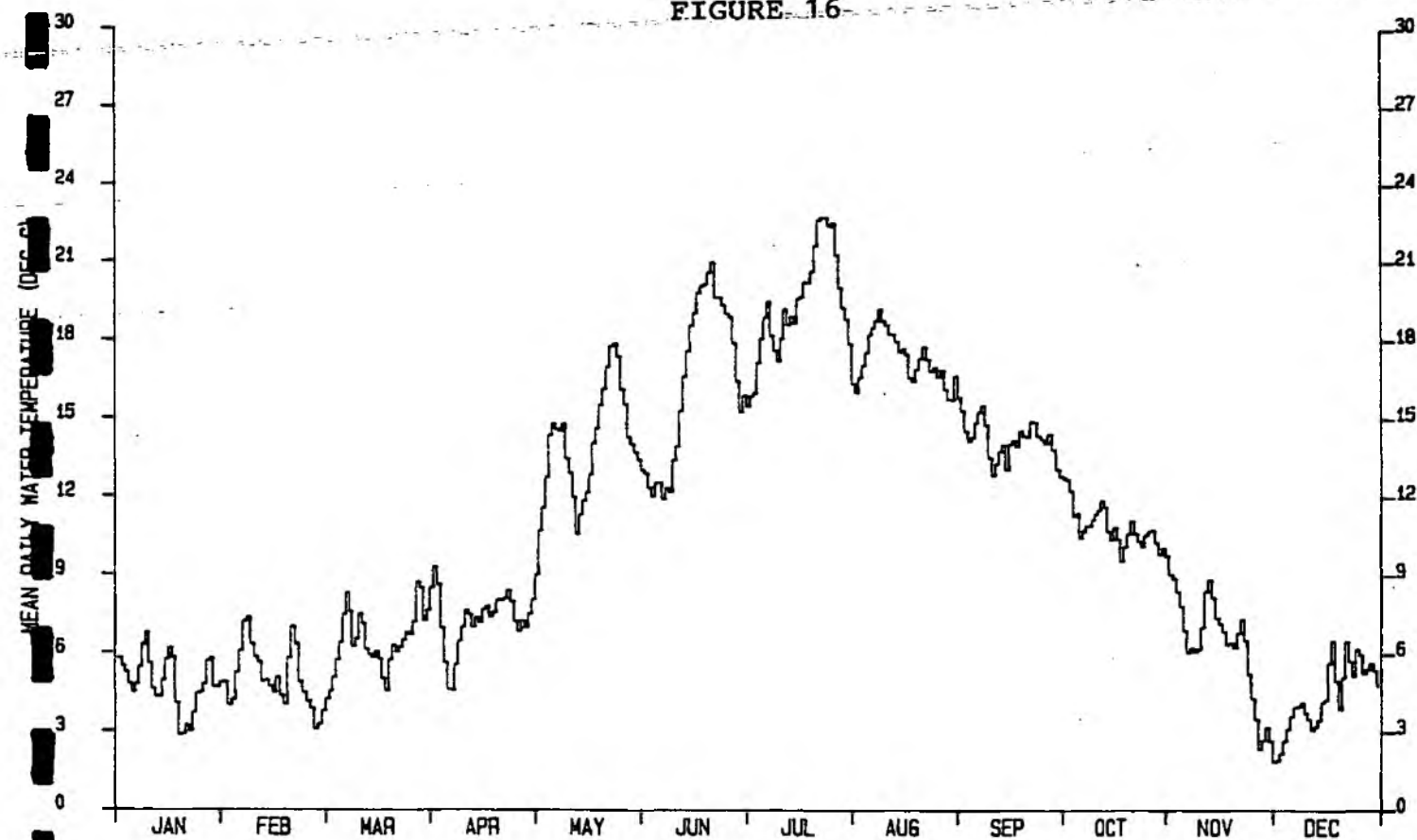


FIGURE 15



NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL PLOT OF WATER TEMPERATURE		
		R. SEVERN AT BEWDLEY	for 1989	Stn.No: 2001

FIGURE 16



NRA	SEVERN TRENT REGION WATER RESOURCES	ANNUAL PLOT OF WATER TEMPERATURE		
		R. TEME AT BRANSFORD	for 1989	Stn.No: 2086

SITE CATALOGUES

The following site catalogues show the current extent of the various networks. Requirements for hydrometric data are not static and the networks change over time to reflect this. Thus data is held for many sites that are now closed and do not appear in the following tables. Further information on these sites can be obtained on request from the data section.

The river level and flow station catalogue (table 13) has been split into two parts, part (a) listing major gauging stations and part (b) the minor sites. As a general rule minor sites are not processed and do not form part of the flood forecasting system. Figure 17 shows the locations of only the major sites.

The daily rainfall station catalogue (table 15) includes all sites within the region for which data is currently collected by the Meteorological Office. Whilst not all of these are operated by ourselves we do have access to the data from all sites listed.

		Page no.
A. RIVER LEVEL AND FLOW STATIONS (MAJOR SITES)	TABLE 13a	C2
LOCATION OF MAJOR RIVER LEVEL AND FLOW STATIONS	FIGURE 17	C8
RIVER LEVEL AND FLOW STATIONS (MINOR SITES)	TABLE 13b	C6
B. RAINFALL INTENSITY STATIONS	TABLE 14	C9
C. DAILY RAINFALL STATIONS	TABLE 15	C12
LOCATION OF RAINFALL INTENSITY STATIONS	FIGURE 18	C11
D. CLIMATE STATIONS	TABLE 16	C21
E. GROUNDWATER LEVEL STATIONS	TABLE 17	C22

TABLE 13a
LEVEL AND FLOW MEASUREMENT STATIONS

MAP REF	RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV. REC	AREA
1	DULAS	RHOS-Y-PENTREF	2025	SN950824	52.7	TF TG CH	3	10/1969	US
2	LLYN CLYWEDOG	CLYWEDOG RES. LEVEL	2185	SN912870		RE TG	2	04/1979	US
3	CLYWEDOG	BRYNTAIL	2109	SN913868	49.0	FV TG CH	3	06/1977	US
4	SEVERN	LLANIDLOES	2072	SN955848	163.0	OC TG CH	1	06/1967	US
5	SEVERN	DOLWEN	2073	SN996851	187.0	OC CH	1	06/1975	US
6	SEVERN	CAERSWS	2074	S0033917	375.0	OC TG CH	1	11/1962	US
7	SEVERN	NEWTOWN	2075	S0117922	457.0	OC CH	1	12/1970	US
8	SEVERN	ABERMULE	2014	S0164958	580.0	OC TG CH	3	06/1960	US
9	SEVERN	CILCENYDD	2194	SJ229041	855.0	OC CH	1	04/1985	US
10	SEVERN	BUTTINGTON	2176	SJ246089	904.0	OC TG CH	1	10/1983	US
11	SEVERN	POOL QUAY	2157	SJ257113	543.0	OC TG CH	1	02/1980	US
12	SEVERN	LLANDRINIO	2158	SJ298169	1033.0	OC TG CH	1	02/1980	US
13	VYRNWY RES.	LAKE VYRNWY RES. L.	2202	SJ022198		RE TG CH	2	03/1981	US
14	VYRNWY	VYRNWY WEIR	2003	SJ019191	94.3	RW TG CH	3	01/1908	US
15	COWNWY	COWNWY WEIR	2149	SH999179	13.2	FV TG CH	3	09/1979	US
16	VYRNWY	PONTROBERT	2156	SJ108128	173.0	OC TG CH	1	10/1979	US
17	BANWY	LLANERFYL	2159	SJ031098	125.0	OC TG CH	1	11/1978	US
18	VYRNWY	NEIFOD	2076	SJ156129	405.0	OC TG CH	2	11/1962	US
19	TANAT	LLANYBLODWEL	2038	SJ252225	229.0	OC TG CH	3	06/1973	US
20	VYRNWY	LLANYMYNECH	2028	SJ252195	778.0	OC TG CH	3	04/1970	US
21	SEVERN	CREW GREEN	2175	SJ330158	1915.0	OC TG CH	1	11/1983	US
22	SEVERN	MONTFORD	2005	SJ412144	2025.0	OC TG CH	3	06/1952	US
23	PERRY	YEATON	2020	SJ434192	180.8	SC TG CH	3	10/1963	US
24	SEVERN	WELSHBRIDGE	2077	SJ489128	2287.0	OC TG CH	1	12/1950	US
25	REA BK.	HOOKAGATE	2018	SJ466092	178.0	CT TG CH	3	10/1962	US
26	TERN	TERNHILL	2044	SJ629316	92.6	RW TG CH	3	10/1972	US
27	TERN	EATON ON TERN	2041	SJ649230	191.7	SC TG CH	3	06/1972	US
28	POTFORD BK.	SANDYFORD BRIDGE	2060	SJ634220	25.0	FV TG CH	3	04/1972	US
29	HEESE	TIBBERTON	2040	SJ680205	168.0	SC TG CH	3	11/1973	US
30	STRINE	CRUDGINGTON	2170	SJ640175	134.0	EM TG CH	3	07/1981	US
31	RODEN	RODINGTON	2016	SJ589141	259.0	CT TG CH	3	04/1961	US
32	TERN	WALCOT	2012	SJ592123	852.0	FV TG CH	3	05/1959	US
33	SEVERN	BUILDWAS	2134	SJ644044	3717.0	US TG CH	3	09/1977	US
34	WORFE	COSFORD	2046	SJ701046	54.9	RW TG CH	3	02/1975	US
35	WORFE	BURCOTE	2024	S0747953	258.0	SC TG CH	3	04/1969	US
36	SEVERN	BRIDGNORTH	2180	S0719931	4059.0	OC TG CH	1	11/1985	US
38	DOWLES BK.	OAK COTTAGE	2034	S0768764	40.8	FV TG CH	3	09/1971	US
39	SEVERN	BEWDLEY G.S	2001	S0782762	4325.0	US TG CH	3	02/1968	US

KEY TO ABBREVIATIONS

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LS - LOWER SEVERN	1 - CHARTS ONLY
LT - LOWER TRENT	2 - MONTHLY LEVEL SUMMARY
US - UPPER SEVERN	3 - PROCESSED TO FLOWS
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STATION TYPE AND EQUIPMENT

BC - BROAD CRESTED WEIR	CB - COMPOUND BROAD CRESTED WEIR
CC - COMPOUND CRUMP WEIR	CH - CHART RECORDER
CR - COMPOUND RECTANGULAR WEIR	CT - COMPOUND TRAPEZOIDAL WEIR
EM - ELECTROMAGNETIC GAUGE	FT - FLAT V TRAPEZOIDAL CHANNEL
FV - FLAT V-WEIR	OC - OPEN CHANNEL
RE - RESEVOIR LEVEL SITE	RS - NON STANDARD STRUCTURE
RW - RECTANGULAR WEIR	SC - SIMPLE CRUMP
TF - TRAPEZOIDAL FLUME	TG - TELEGEN 1150
TL - TIDEL LEVEL SITE	US - ULTRASONIC GAUGE
VN - VEE NOTCH	

TABLE 13a
LEVEL AND FLOW MEASUREMENT STATIONS

HAP REF	RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV.	REC	AREA
40	SMESTOW BK.	SWINDON	2067	S0861906	81.3	OC TG CH	1	09/1973		US
41	STOUR	STOURBRIDGE	2083	S0905845	61.0	OC TG CH	1	07/1956		US
42	STOUR	STOURTON	2084	S0861848	232.0	OC TG CH	1	09/1956		US
43	STOUR	KIDDERMINSTER C L	2167	S0829767	324.0	US TG CH	3	11/1980		US
44	HADLEY BK.	WARDS BRIDGE	2193	S0870631	53.0	FV TG CH	3	12/1987		US
45	SALWARPE	HARFORD HILL	2011	S0868618	184.0	OC CH	1	01/1958		US
46	SEVERN	DIGLIS(WORCESTER)	2085	S0847535	5073.0	OC TG CH	1	10/1953		US
47	TEME	LEINTWARDINE	2132	S0404739	440.0	OC TG CH	1	08/1977		US
48	ONNY	ONIBURY	2054	S0455789	235.0	OC TG CH	1	02/1971		US
49	CORVE	LUDLOW	2169	S0509760	160.0	OC TG CH	1	09/1981		US
50	TEME	TENBURY	2008	S0597686	1135.0	OC TG CH	3	09/1956		US
51	REA	NEWMHAM BRIDGE	2039	S0644693	170.0	OC TG CH	1	01/1978		US
52	TEME	KNIGHTSFORD BRIDGE	2029	S0734557	1480.0	OC TG CH	3	04/1970		US
53	TEME	BRANSFORD	2086	S0804532	1580.0	OC TG CH	2	07/1951		US
54	SEVERN	SAXONS LODGE	2032	S0063390	6850.0	US TG CH	3	06/1970		LS
55	SEVERN	MYTHE BRIDGE	2087	S0802337	6975.0	OC TG CH	1	06/1970		LS
56	AVON	LILBOURNE	2080	SP563778	110.0	OC TG CH	1	04/1972		LS
57	AVON	RUGBY	2090	SP503767	243.0	OC TG CH	1	04/1972		LS
58	AVON	STARETON	2019	SP333716	347.0	SC TG CH	3	10/1962		LS
59	SOWE	STONELEIGH	2004	SP331730	262.0	CC TG CH	3	03/1951		LS
60	LEAM	EATHORPE	2050	SP398689	300.0	TF TG CH	3	10/1972		LS
61	LEAM	LEAMINGTON PDW	2049	SP307654	362.0	CT TG CH	3	12/1961		LS
62	AVON	WARWICK	2091	SP300654	1005.0	OC TG CH	1	05/1972		LS
63	DENE	WELLESBOURNE	2048	SP273556	102.0	FV TG CH	3	07/1976		LS
64	AVON	STRATFORD	2093	SP205548	1273.0	OC TG CH	1	01/1971		LS
65	STOUR	SHIPSTON	2092	SP261404	185.0	OC TG CH	1	04/1972		LS
66	STOUR	ALSCOT PARK	2010	SP208506	316.0	CB TG CH	1	10/1959		LS
67	ARROW	STUDLEY	2094	SP076640	92.9	OC TG CH	1	04/1972		LS
68	ARROW	BROOM	2104	SP086536	319.0	SC TG CH	3	10/1956		LS
69	BADSEY BK.	OFFENHAM	2023	SP063449	95.8	TF TG CH	3	05/1968		LS
70	AVON	EVESHAM	2002	SP040438	2210.0	OC TG CH	3	10/1937		LS
71	ISBOURNE	HINTON ON GREEN	2036	SP023408	90.7	SC TG CH	3	11/1971		LS
72	AVON	PERSHORE	2097	S0951456	2427.0	OC TG CH	1	10/1974		LS
73	BOW BK.	BESFORD BRIDGE	2015	S0927463	156.0	RW TG CH	3	04/1961		LS
74	AVON	BREDON	2128	S0921374	2674.0	US TG CH	3	01/1979		LS
75	AVON	TEWKESBURY	2098	S0894333	2787.0	OC TG CH	1	01/1938		LS
76	SEVERN	HAW BRIDGE	2057	S0844279	9895.0	OC TG CH	3	05/1971		LS
77	CHELT	SLATE MILL	2026	S0892264	34.5	TF TG CH	1	04/1969		LS

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US - UPPER SEVERN	3 - PROCESSED TO FLOWS
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STATION TYPE AND EQUIPMENT

3C - BROAD CRESTED WEIR	CB - COMPOUND BROAD CRESTED WEIR
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CR - COMPOUND RECTANGULAR WEIR	CT - COMPOUND TRAPEZOIDAL WEIR
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RW - RECTANGULAR WEIR	SC - SIMPLE CRUMP
TF - TRAPEZOIDAL FLUME	TG - TELEGEN 1150
TL - TIDEL LEVEL SITE	US - ULTRASONIC GAUGE
VN - VEE NOTCH	

TABLE 13a
LEVEL AND FLOW MEASUREMENT STATIONS

MAP REF	RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV. REC	AREA
78	SEVERN	ASHLEWORTH	2071	S0819250	9983.0	OC TG CH	1	08/1975	LS
79	LEADON	WEDDERBURN BRIDGE	2017	S0777234	293.0	CT TG CH	3	08/1961	LS
80	SEVERN	GLOUCESTER DOCKS	2165	S0826185	*****	XL TG CH	1	11/1979	LS
81	SEVERN	EINEY	2153	S0762111		TL TG CH	1	03/1980	LS
82	FROME	EBLEY MILL	2027	S0831047	198.0	RS TG CH	3	04/1969	LS
83	SEVERN	BERKELEY	2103	ST655995		TL TG CH	1	08/1976	LS
84	TRENT	STOKE	4040	SJ892467	53.2	SC TG CH	3	03/1968	UT
85	TRENT	DARLSTON	4003	SJ885355	195.2	US TG CH	3	12/1982	UT
86	TRENT	GREAT HAYWOOD	4006	SJ994231	325.0	OC TG CH	1	12/1965	UT
87	MEECE BK.	SHALLOWFORD	4079	SJ874291	86.3	FT TG CH	3	11/1981	UT
88	SOW	GREAT BRIDGFORD	4052	SJ883270	163.0	FT TG CH	3	01/1971	UT
89	PENK	PENKBRIDGE	4053	SJ922144	272.0	FT TG CH	3	07/1971	UT
90	SOW	MILFORD	4014	SJ975215	591.0	OC TG CH	2	01/1970	UT
91	TRENT	VOXALL	4012	SK133177	1229.0	OC TG CH	3	08/1959	UT
92	TAME	SHEEPWASH	4101	S0974918		TF TG CH	1	04/1986	UT
93	TAME	RESCOT	4081	SP012958	168.8	US TG CH	3	08/1981	UT
94	TAME	SANDWELL	4084	SP029927	182.0	TF TG CH	1	06/1983	UT
95	TAME	PERRY PARK	4087	SP061919	198.0	TF TG CH	1	11/1983	UT
96	REA	CALTHORPE PARK	4039	SP071847	74.3	SC TG CH	3	04/1967	UT
97	TAME	WATER CRON	4003	SP169915	408.0	OC CH	1	09/1955	UT
98	COLE	COLESHILL	4066	SP183874	130.0	FT TG CH	3	10/1973	UT
99	BLTYHE	CASTLE FM.	4094	SP213888	184.0	OC TG CH	1	12/1985	UT
100	BLTYHE	WHITACRE	4102	SP212911	197.0	EM TG	3	06/1983	UT
101	TAME	LEA MARSTON	4080	SP208937	799.0	SC TG CH	3	11/1981	UT
102	ANKER	POLESWORTH	4026	SK263034	368.0	SC TG CH	3	09/1966	UT
103	TAME	TAMWORTH	4069	SK206037	1407.0	OC TG CH	1	06/1955	UT
104	TAME	HOPWAS BRIDGE	4095	SK182052	1425.0	OC TG CH	1	03/1986	UT
105	TRENT	DRAKELOW	4019	SK239204	3072.0	OC TG CH	3	06/1966	UT
106	DOVE	IZAAR WALTON	4046	SK146509	83.0	TV TG CH	3	06/1969	UT
107	MANIFOLD	ILAM	4031	SK140507	148.5	SC TG CH	3	04/1968	UT
108	DOVE	ROCESTER	4008	SK112397	399.0	RS TG CH	3	04/1953	UT
109	CHURNET	BASFORD BRIDGE	4061	SJ982522	139.0	FT TG CH	3	01/1975	UT
110	CHURNET	ROCESTER	4020	SK103389	236.0	OC TG CH	1	10/1954	UT
111	DOVE	DOVERIDGE	4078	SK105344	799.0	OC TG CH	1	02/1972	UT
112	DOVE	MARSTON	4018	SK235208	883.2	FT TG CH	3	07/1965	UT
113	TRENT	SHARDLOW	4007	SK448300	4400.0	OC TG CH	1	09/1959	LT
114	HOWDEN RES.	HOWDEN RES. LVL	4089	SK168925		RE TG	2	07/1986	LT
115	DERWENT RES.	DERWENT RES. LVL.	4090	SK172897		RE TG	2	07/1986	LT

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STATION TYPE AND EQUIPMENT

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TF - TRAPEZOIDAL FLUME	TG - TELETYPE 1150
TL - TIDEL LEVEL SITE	US - ULTRASONIC GAUGE
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TABLE 13a
LEVEL AND FLOW MEASUREMENT STATIONS

MAP REF	RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV.REC	AREA
116	LADYBOWER RES.	LADYBOWER RES.LVL.	4092	SK202854		RE TG	2	07/1986	LT
117	DERWENT	YORKSHIRE BRIDGE	4001	SK198851	126.0	TV TG CH	3	05/1905	LT
118	DERWENT	CHATSWORTH	4043	SK261683	335.0	OC TG CH	3	11/1968	LT
119	WYE	ASHFORD	4023	SK182696	154.0	OC TG CH	2	07/1965	LT
120	DERWENT	HATLOCK	4011	SK296586	688.9	OC TG CH	3	10/1958	LT
121	AMBER	WINGFIELD PARK	4048	SK376520	139.0	FT TG CH	3	08/1970	LT
122	DERWENT	ST. MARYS BDGE FLW	4085	SK355368	1054.0	US TG CH	3	07/1983	LT
123	DERWENT	CHURCH WILNE	4067	SK438316	1177.5	FT TG CH	3	04/1973	LT
124	SOAR	LITTLETHORPE	4082	SP542973	183.9	EM TG CH	3	11/1981	LT
125	SENCE	SOUTH WIGSTON FLW	4086	SP588977	113.0	EM TG CH	3	09/1983	LT
126	WREAKE	SYSTON	4024	SK615124	414.0	EM TG CH	3	07/1967	LT
127	ROTHLEY BK.	ROTHLEY	4056	SK580121	94.0	FT TG CH	3	05/1973	LT
128	SOAR	PILLINGS LK (FLWS)	4093	SK565182	1105.0	US TG	3	02/1985	LT
129	SOAR	KEGWORTH	4074	SK492263	1292.0	OC TG CH	1	12/1978	LT
130	EREWASH	SANDIACRE	4027	SK482364	181.0	TG OC CH	3	02/1968	LT
131	LEEN	TRIUMPH RD. (TOT)	4435	SK549392	111.0	TG OC CH	3	10/1968	LT
132	TRENT	COLWICK	4009	SK620399	7486.0	OC TG CH	3	09/1958	LT
133	DOVER BECK	LOWDHAM	4060	SK653479	69.0	FV TG CH	3	03/1971	LT
134	GREET	SOUTHWELL	4072	SK714540	57.0	FV CH	1	12/1974	LT
135	TRENT	NORTH MUSKHAM	4022	SK801601	8231.0	OC TG CH	3	10/1967	LT
136	TRENT	TORKSEY	4065	SK837792		TL TG CH	1	01/1945	LT
137	TRENT	GAINSBOROUGH	4099	SK814897		TL TG CH	1	01/1945	LT
138	IDLE	MATTERSEY (FLW)	4015	SK690895	529.0	EM TG CH	3	04/1961	LT
139	RYTON	WORKSOP	4049	SK575794	77.0	FV CH TG	3	06/1970	LT
140	RYTON	BLYTH (FLOWS)	4091	SK631871	231.0	EM TG CH	3	03/1984	LT
141	OLDCOATES DYKE	BLYTH	4047	SK615876	85.0	FV CH TG	1	06/1970	LT
142	TORNE	AUCKLEY	4050	SE646012	141.0	FV TG CH	3	07/1970	LT
143	TRENT	KEADBY	4098	SE835114	377.8	TL TG CH	1	01/1945	LT
144	HUMBER	BLACKTOFT	4088	SE843243		TL TG CH	1	12/1985	LT

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TF - TRAPEZOIDAL FLUME	TG - TELEGEN 1150
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TABLE 13b
LEVEL AND FLOW MEASUREMENT STATIONS

RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV. REC	AREA
ACTON HILL BK.	ACTON HILL	4950	SJ941188	5.0	RW CH	3	02/1978	UT
ACTON T'SEL BK.	ACTON TRUSSEL	4851	SJ941177	1.8	VN CH	3	09/1977	UT
ALFORD BK.	CHILDS ERCALL	2151	SJ665233	4.7	VN TG CH	3	09/1979	US
AMBER	OGSTON RES. O/P	4621	SK382598		CR CH	1		LT
ASHOP	ASHOP DIVERSION	4073	SK171896	42.0	RS CH	1	10/1976	LT
AVON	BROWNSOVER	2182	SP515765		CB CH	1	04/1985	LS
AVON	HAMPTON PARKS	2155	SP332446	2305.0	OC CH	1	05/1980	LS
AVON	TEWKESBURY LOWER	2099	SO894333	2787.0	OC CH	1	01/1938	LS
BAILEY BK.	TERNHILL	2052	SJ629316	34.4	RW TG CH	3	04/1970	US
BLITHE	CRESSWELL	4863	SJ978390		OC CH	1	11/1980	UT
BLITHE	NEWTON HURST	4867	SK049259		OC CH	1	11/1980	UT
BLYTHE	WHITACRE PIPE-FLOW	4508	SP212911		EM TG	3		UT
COWNWY	COWNWY POOL	2130	SH999179	13.2	RS CH	1	09/1979	US
CPOW BK.	HORTON	2110	SJ678141	16.7	FV CH	1	06/1978	US
DEEP HAYES BK.	DEEP HAYES D/S	4827	SJ961534		RW CH	1	04/1980	UT
DERWENT	AMBERGATE	4815	SK347517		OC CH	1	11/1978	LT
DERWENT	BELPER WEIR	4883	SK346482		OC CH TG	1	05/1990	LT
DERWENT	DRAYCOTT	4021	SK443327	1175.0	OC CH	1	07/1965	LT
DERWENT	PECKWASH MILL	4823	SK354423		OC CH	1	03/1979	LT
DERWENT	SLIPPERY STONES	4075	SK169951	17.0	FT CH	1	03/1979	LT
DERWENT	SPONDON SLUICES	4107	SK398343		RS TG	1	11/1989	LT
DEVON	COTHAM	4017	SK787486	284.0	OC CH	1	09/1966	LT
EYE	BRENTINGBY	4845	SK784185		OC CH	1	01/1979	LT
FOWLEA BK.	BURSLEM WRW	4864	SJ863487		OC CH	1		UT
HENMORE BK.	CARSINGTON OUTFLOW	4106	SK242503		RW TG CH	3	04/1988	UT
HODNET BK.	HODNET	2061	SJ628288	5.1	FV CH	1	05/1972	US
IDLE	ORDSALL	4886	SK706797		OC CH	1		LT
INDEPENDENCE LV	WHITECROFT	2251	SO619063		CH TF	1		LS
LEDWYCHE BK.	STOKE ST. MILBORO	2171	SO566822	1.5	VN CH	1	05/1982	US
LEIGH BK.	LEIGH COURT	2188	SO865253		CH TG	1	10/1986	LS
MARCHNANT	MARCHNANT TUNNEL	2184	SJ042198		OC CH	1	10/1982	US
MEASE	STONES BRIDGE	4868	SK261115		OC CH	1		UT
MEDEN	CHURCH WARSOP	4032	SK558680	63.0	RS CH TG	3	08/1965	LT
OGSTON RES.	OGSTON RES. LVL.	4103	SK379599		RE TG	2	11/1987	LT
OLDACRE BK.	BROCTON	4852	SJ961202		VN CH TG	3	01/1978	UT
PERRY	PERRY FM.	2045	SJ348302	49.1	FV CH	1	11/1973	US
PERRY	WYKEY	2078	SJ396245	140.0	OC CH	1	07/1974	US
POULTER	CUCKNEY	4044	SK571713	35.0	SC CH TG	3	07/1969	LT

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TF - TRAPEZOIDAL FLUME	TG - TELEGER 1150
TL - TIDEL LEVEL SITE	US - ULTRASONIC GAUGE
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TABLE 13b
LEVEL AND FLOW MEASUREMENT STATIONS

RIVER NAME	STATION NAME	NRA REF.	GRID REFERENCE	CATCH AREA	TYPE+ EQUIP	PRO POL	START LEV.REC	AREA
ROLLESTON BK.	ROLLESTON	4076	SK243283	23.0	FV TG CH	3	04/1980	UT
SEIFTON BK.	SEIFTON	2179	SO483833		VN CH	1	09/1984	US
SEVERN	AVONMOUTH	2192	ST510790		TL TG	1	04/1988	LS
SEVERN	CRIGGION	2178	SJ280141		OC CH	1	10/1984	US
SEVERN	FLYNLIMON	2022	SN850872	8.7	TF DP	1	01/1952	US
SNESTOW	TETTENHALL	2183	SJ897007	9.0	OC CH	1	07/1985	US
SOAR	ZOUCH SLUICE GATE	4109	SK492268		BC TG	1		LT
SOW	WALKMILL	4840	SJ793290		VN TG CH	3	07/1979	UT
SPONDONOUTFALL	SPONDON	4077	SK395345		EM TG CH	3	03/1980	LT
SPRINGSLADE BK.	SPRINGSLADE POOL	4872	SJ962169		VN CH	1	07/1982	UT
STOKE BK.	STOKE	2062	SJ637280	13.7	FV CH	1	04/1972	US
TAME	BROOKVALE RD	4878	SP082909		OC CH	1	12/1982	UT
TAME	ELFORD	4005	SK173105	1475.0	OC CH	1	12/1955	UT
TAME	HAMSTEAD RD	4877	SP049923		OC CH	1	12/1982	UT
TAME	JAMES BRIDGE FLOW	4104	SO988897		EM TG CH	3	09/1988	UT
TAME	OCKER HILL	4888	SO982941		OC CH	1	11/1986	UT
TAME	PARK HILL	4105	SP001695		EM TG	3	09/1988	UT
TAME	WALSALL RD	4876	SP067913		OC CH	1	12/1982	UT
TEME	KNIGHTON	2107	SO290724	131.0	OC CH	1	10/1977	US
TERN	PELOW	2079	SJ640248	186.0	OC CH	1	12/1972	US
TILLINGTON DRA	DOXEY MARSHES	4869	SJ914240		OC CH	1	02/1984	UT
TILLINGTON P'L	DOXEY MARSHES	4875	SJ907246		OC CH	1	05/1984	UT
TRENT	COLWICK SLUICES	4890	SK615394		RS TG	1	11/1989	LT
TRENT	OWSTON FERRY	4835	SK814994		TL CH	1	01/1945	LT
WESTEND	ABOVE HOWDEN RES.	4885	SK154928		OC CH	1		LT
WREAKE	ERISBY-CN-WREAKE	4873	SK697182		RS TG	1		LT

KEY TO ABBREVIATIONS

AREA	PROCESSING POLICY
LS - LOWER SEVERN	1 - CHARTS ONLY
LT - LOWER TRENT	2 - MONTHLY LEVEL SUMMARY
US - UPPER SEVERN	3 - PROCESSED TO FLOWS
UT - UPPER TRENT	

STATION TYPE AND EQUIPMENT

PC - BROAD CRESTED WEIR	CB - COMPOUND BROAD CRESTED WEIR
CC - COMPOUND CRUMP WEIR	CH - CHART RECORDER
CR - COMPOUND RECTANGULAR WEIR	CT - COMPOUND TRAPEZOIDAL WEIR
EM - ELECTROMAGNETIC GAUGE	FT - FLAT V TRAPEZOIDAL CHANNEL
FV - FLAT V-WEIR	OC - OPEN CHANNEL
RE - RESEVOIR LEVEL SITE	RS - NON STANDARD STRUCTURE
RW - RECTANGULAR WEIR	SC - SIMPLE CRUMP
TF - TRAPEZOIDAL FLUME	TG - TELEGEN 1150
TL - TIDEL LEVEL SITE	US - ULTRASONIC GAUGE
VN - VEE NOTCH	

FIGURE 17

LOCATION OF RIVER LEVEL AND FLOW MEASUREMENT STATIONS



TABLE 14
OPERATIONAL RAINFALL INTENSITY STATIONS

MAP REF.	STATION NAME	NRA REF.	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START OF RECORD	AREA
1	DOLYDD	1152	421140	SN873905	297	1780	05/1979	US
2	NANTGWYN	1408		SN979768	300	1200	01/1989	US
3	CAERSWS	1762	422095	SJ040925	137	910	07/1963	US
4	SARN	1750	423601	SO206906	167	900	03/1981	US
5	CEFN COCH	1338	423198	SJ042026	312	1150	08/1982	US
6	WELSHPOOL	1221	424216	SJ233073	70	850	05/1972	US
7	PEN-Y-COED	1009	425646	SH978144	305	1820	04/1987	US
8	VYRNWY	1134	425001	SJ017188	303	1529	01/1946	US
9	LLANGYNOG	1700	426853	SJ053259	160	1450	04/1981	US
10	LLANFYLLIN WRW	1334	426593	SJ154188	113	1080	01/1977	US
12	RORRINGTON	1409	423813	SJ304005	213	760	12/1986	US
13	MONKMOOR	1121	430296	SJ517136	55	627	02/1985	US
15	ERCALL	1747	431324	SJ663249	91	680	04/1987	US
16	RUSHMOOR WRW	1339	432811	SJ617135	50	550	03/1979	US
17	COSFORD W.W	1712	435507	SJ782047	82	670	09/1968	US
18	TRIMPLEY	1548	437138	SO772789	41	730	06/1981	US
19	BRATCH	1552	438110	SO868937	82	700	04/1986	US
20	LYE P.S	1521	437694	SO919849	75	705	04/1987	US
21	BETTWYS-Y-CRWYN	1387	441009	SO203814	396	1050	05/1981	US
22	CRAVEN ARMS	1271	443093	SO437811	111	780	01/1980	US
23	DITTON PRIORS	1749	444887	SO604883	244	860	11/1977	US
24	BRIMFIELD	1792	443991	SO503082	77	785	04/1987	US
25	STANFORD	1155	447787	SP596804	112	686	05/1964	LS
26	FINHAM	1045	449958	SP334740	61	644	06/1960	LS
27	BRAUNSTON	1770	450263	SP533658	107	650	07/1981	LS
28	KNIGHTCOTE	1082	450777	SP396545	95	670	12/1970	LS
29	SHIPSTON	1087	453420	SP268411	67	625	08/1972	LS
30	MILCOTE	1086	453925	SP182520	41	600	05/1970	LS
31	ALVECHURCH	1201	454433	SP032717	104	750	03/1981	LS
32	HENLEY PS	1040	454894	SP154679	78	708	05/1964	LS
33	CHIPPING CAMDEN	1761	453096	SP164392	123	750	04/1964	LS
34	LANGLEY	1005	456216	SP005282	165	720	12/1970	LS
35	CROWLE	1769	457597	SO934558	35	650	08/1980	LS
36	DCWDESWELL	1140	458844	SO983198	109	740	07/1970	LS
37	LONGFORD	1733	459426	SP354835	88	680	05/1972	LS
38	LEDBURY	1119	459794	SO701372	38	700	04/1987	LS
39	NETHERIDGE	1146	460970	SO810157	12	655	11/1975	LS
40	MISERDEN	1141	461467	SO937087	232	941	07/1987	LS
41	KINGSWOOD	1176	419869	ST743929	42	730	06/1972	LS
43	STONE	3014	90803	SJ878321	107	736	08/1963	UT
44	HOLLIES	3026	91860	SJ816224	110	687	02/1982	UT
45	RCDBASTON	3025	92233	SJ920116	101	689	10/1985	UT
46	BLITHFIELD	3099	93536	SK071226	83	716	07/1974	UT
47	GOLDTHORNE HILL	3277	94265	SO910966	180	720	01/1983	UT
48	WILLENHALL	3151	94320	SO979963	119	683	08/1962	UT

AREA KEY

US - UPPER SEVERN LS - LOWER SEVERN
UT - UPPER TRENT LT - LOWER TRENT

TABLE 14
OPERATIONAL RAINFALL INTENSITY STATIONS

MAP REF.	STATION NAME	NRA REF.	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START OF RECORD	AREA
49	WALSALL WOOD	3275	94699	SK038042	140	720	02/1977	UT
50	BARNHURST	3096	91267	SJ901017	110	710	10/1978	UT
51	RAY HALL WRW	3162	94889	SP025945	109	677	04/1975	UT
52	ROWAY LANE	3273	94599	SO986902	134	750	10/1976	UT
53	KINGSTANDING	3177	95646	SP084952	157	723	12/1985	UT
54	LOWER GORNAL	3283		SO904906	107	715	07/1986	UT
56	MINWORTH	3180	95801	SP164922	79	660	05/1975	UT
57	WARD END	3282		SP106882	99	680	08/1986	UT
58	CANNON HILL PARK	3171	95489	SP067834	155	730	01/1984	UT
59	ELMDON MET OFFICE	3187	96893	SP167841	98	680	10/1985	UT
60	FRANKLEY	3167	95325	SP007801	174	770	09/1985	UT
61	HIGHTERS HEATH	3271	96712	SP086792	158	745	01/1982	UT
62	TUDOR GRANGE	3185	96006	SP147789	129	735	03/1981	UT
63	SPRINGBROOK	3281	95861	SP107727	148	750	11/1985	UT
64	NORTON GREEN	3280	96110	SP185749	101	710	02/1984	UT
65	HINCKLEY	3198	98210	SP420927	99	655	09/1962	UT
66	ATHERSTONE	3201	99319	SP318980	71	674	04/1966	UT
67	OVERSEAL	3057	100449	SK291149	88	635	01/1974	UT
68	STANLEY RESERVOIR	3573	103072	SJ929519	177	910	02/1981	UT
69	CAULDON LOW	3570	103492	SK058480	293	910	03/1985	UT
70	HOLLINSCLOUGH	3307	101202	SK066665	291	1273	09/1959	UT
71	LONGCLIFFE	3576	108768	SK228553	366	950	11/1980	UT
72	CARSINGTON DAM	3580	102435	SK242503	168	860	09/1986	UT
73	ASHBOURNE	3322	102521	SK187459	179	874	07/1962	UT
74	CLAY MILLS	3100	101151	SK265259	43	650	09/1982	UT
75	KIRK LANGLEY	3575	110330	SK293392	99	760	09/1980	LT
76	DERWENT RESERVOIR	3380	106295	SK175899	249	1275	04/1935	LT
77	BARBROOK	3404	107268	SK281770	323	940	10/1977	LT
78	CHAPEL RESERVOIR	3572	558292	SK069795	354	910	02/1985	UT
79	TIDESWELL	3578	107931	SK155746	255	1090	10/1980	LT
80	OGSTON	3441	109141	SK380598	102	762	09/1963	LT
81	SPONDON	3577	110525	SK395345	40	620	09/1985	LT
82	FLECKNEY	3686	111729	SP656946	99	640	12/1985	LT
83	NARBOROUGH	3605	111398	SP549966	74	655	02/1971	LT
84	WHISSENDINE	3687	112771	SK829144	104	650	12/1985	LT
85	BROOKSBY	3680	113774	SK679154	70	620	07/1964	LT
86	WANLIP	3683	112545	SK598117	52	630	10/1985	LT
87	MOUNT ST. BERNARDS	3641	115296	SK459158	186	760	10/1985	LT
88	COLWICK	3771	117867	SK615393	23	591	06/1966	LT
89	LANGAR	3996		SK732338			07/1989	LT
90	SUTTON-IN-ASHFIELD	3816	122707	SK510595	139	715	01/1969	LT
91	WORKSOP	3901	125215	SK608791	62	620	10/1985	LT
92	TICKHILL	3887	127564	SK602936	11	600	09/1986	LT

AREA KEY

US - UPPER SEVERN	LS - LOWER SEVERN
UT - UPPER TRENT	LT - LOWER TRENT

FIGURE 18

LOCATION OF INTERROGABLE RAINFALL INTENSITY STATIONS



TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA- REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
WARD END	3282		SP106882			1986	UT	I
LOWER GORNAL	3283		SO904906			1986	UT	I
BURSLEM WRW	3008	89361	SJ862487	122	850	1976	UT	D
KEELE UNIVERSITY	3004	89542	SJ820446	179	805	1951	UT	D
STRONGFORD W.R.W.	3068	89714	SJ878393	95	600	1978	UT	D
HIKON WRW	3104	90273	SK002246	79	740	1984	UT	D
SUGNALL HALL	3009	90358	SJ799312	143	735	1968	UT	D
STONE, COLD NORTON FM	3014	90803	SJ878321	107	736	1953	UT	D
STAFFORD RIVERWAY	3016	91143	SJ930230	75	745	1981	UT	D
CODSALL	3018	91196	SJ870028	125	725	1952	UT	D
BARNHURST W.R.W.	3096	91267	SJ900016	110	710	1978	UT	D
SLADE HEATH P.S	3020	91403	SJ918071	104	693	1919	UT	D
BELVIDE RES	3024	91773	SJ861103	112	733	1885	UT	D
HOLLIES P.S	3026	91860	SJ816224	110	687	1963	UT	D
PENKRIDGE, STAFFS A/C	3025	92233	SJ920116	101	689	1956	UT	D
SLITTING MILL	3031	92923	SK033173	91	739	1931	UT	D
MEIR P.S.	3037	93141	SJ937421	188	846	1882	UT	D
FRADSWELL	3042	93358	SK007334	137	801	1946	UT	M
BLITHFIELD RES	3048	93536	SK071226	83	716	1944	UT	D
BLITHFIELD RES (TG)	3099	93546	SK075233	103	710	1982	UT	I
BAGOT'S PARK	3101	93592	SK091269	128	730	1982	UT	D
GENTLESHAW	3051	93765	SK049123	227	796	1949	UT	M
HANCH RES.	3054	93864	SK103136	79	706	1918	UT	D
GOLDTHORNE HILL	3277	94265	SO910966	180	720	1982	UT	I
WILLENHALL S.WKS.	3151	94320	SO979983	119	683	1962	UT	D
ROWAY LANE S.WKS	3273	94599	SO986902	134	750	1982	UT	I
WALSALL WOOD	3275	94699	SK038042	140	720	1982	UT	I
WALSALL, ALDRIDGE	3210	94720	SK058010	163	740	1963	UT	D
RAY HALL WRW	3162	94889	SP025945	109	677	1986	UT	I
WEST. BROM NURSERIES	3163	94894	SP018934	134	741	1965	UT	D
ERDINGTON RES.	3214	95170	SP102917	135	725	1912	UT	M
FRANKLEY	3167	95326	SP004801	174	770	1938	UT	D
EDGBASTON, C. HILL PRK	3171	95489	SP057834	155	730	1971	UT	I
KINGSTANDING	3177	95646	SP084952	157	729	1944	UT	M
SUTTON COLDFIELD	3276	95702	SP128974	129	720	1982	UT	D
MINWORTH	3180	95801	SP164922	79	660	1912	UT	D
SPRINGBROOK WRW	3281	95861	SP107727	148	750	1935	UT	I
DORRIDGE, WINDMILL FM	3183	96081	SP171733	130	720	1972	UT	D
NORTON GREEN	3280	96110	SP185748	101	710	1983	UT	I
B'HAM, HALL GREEN	3267	96672	SP109798	140	750	1980	UT	D
HIGHTERS HEATH RES	3271	96712	SP086792	158	745	1933	UT	M
ELMDON M.O.	3187	96893	SP167841	98	680	1981	UT	D
WHITACRE NEW W.WKS	3284	97263	SP217911	73	665	1989	UT	D

KEY

AREA

US - UPPER SEVERN LS - LOWER SEVERN
UT - UPPER TRENT LT - LOWER TRENT

FREQUENCY OF READING

M - MONTHLY W - WEEKLY
D - DAILY I - INTERMITTENT

TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
HUNTS GREEN	3274	97503	SP183975	82	560	1982	UT	D
LITTLE HAY	3194	97900	SK123030	31	726	1927	UT	D
HINCKLEY S.WKS	3198	98210	SP420927	99	655	1928	UT	D
NUNEATON P.S.	3199	98408	SP361923	82	668	1933	UT	D
HARTSHILL NEW S.WKS	3200	98544	SP333955	75	640	1972	UT	D
NAILSTONE, CROWN FARM	3204	98814	SK426077	151	630	1971	UT	D
STOKE GOLDING, CONVNT	3265	99063	SP409974	100	670	1979	UT	D
MARKET BCSWORTH S.WK	3270	99219	SK392028	95	670	1981	UT	D
ATHERSTONE S.WKS	3201	99319	SP318960	71	674	1963	UT	I
COTON LANE WRW	3268	99712	SK193057	61	640	1980	UT	M
ELFORD	3209	99828	SK189104	56	628	1937	UT	D
NORTON-JUXTA-TWYCROS	3055	100202	SK318006	127	660	1966	UT	D
ASBY, INGLESHELL	3056	100306	SK346175	152	690	1972	UT	D
OVERSEAL S.WKS	3057	100449	SK291149	89	635	1968	UT	D
CHILCOTE P.S.	3058	100498	SK284103	73	631	1935	UT	D
BARTON-U-NEEDWOOD	3103	100748	SK199183	50	650	1982	UT	D
OUTWOODS	3063	101049	SK227240	94	666	1935	UT	M
WINSHILL P.S.	3062	101089	SK264229	94	650	1919	UT	M
CLAYMILLS WRW	3100	101151	SK265259	43	650	1982	UT	D
HOLLINSCLOUGH	3307	101202	SK066665	291	1273	1959	UT	M
ONECOTE, LOXLEY PK FM	3317	101838	SK045554	290	1110	1978	UT	M
UPPER CASTERN	3320	102035	SK123526	259	1035	1968	UT	D
ASHBOURNE W.WKS	3322	102521	SK187459	179	874	1962	UT	D
TITTESWORTH W.WKS	3331	102848	SJ994585	183	1015	1964	UT	D
WALL GRANGE P.STN	3334	103043	SJ966536	139	896	1882	UT	D
CELLARHEAD, ROWNALL	3579	103047	SJ944492	228	930	1979	UT	D
STANLEY RES.	3573	103072	SJ929519	177	910	1981	UT	I
CAULDON LOW	3570	103492	SK058480	293	910	1980	UT	M
UTTOXETER S.WKS	3338	104024	SK095345	78	790	1969	UT	D
MARCHINGTON P.O.	3339	104335	SK136307	76	735	1973	UT	D
REFTON	3065	105428	SK302267	70	658	1940	LT	D
DERBY, BRAYFIELD ROAD	3455	105608	SK335338	59	653	1958	LT	D
STANTON-BY-BRIDGE WW	3067	105715	SK374271	44	675	1911	LT	D
STAUNTON HARROLD RES	3066	105837	SK383239	85	636	1962	LT	D
SHARDLOW HALL	3348	106070	SK438304	34	625	1973	LT	D
SLIPPERY STONES	3553	106138	SK168954	290	1450	1978	LT	M
DERWENT DAM	3330	106295	SK175899	249	1275	1960	LT	D
FEATHERBED TOP	3369	106381	SK089928	507	1515	1934	LT	M
WOOD COTTAGE	3462	106430	SK128896	310	1525	1972	LT	D
YORKSHIRE BRIDGE	3379	106584	SK198953	168	1037	1926	LT	D
UPPER BOOTH, C.CLOUGH	3395	106616	SK096854	304	1333	1944	LT	M
EDALE MILL	3388	106686	SK134854	221	1241	1936	LT	D
GREAT HUCKLOW SCHOOL	3395	106798	SK178780	323	1100	1971	LT	D

KEY

AREA

US - UPPER SEVERN LS - LOWER SEVERN
UT - UPPER TRENT LT - LOWER TRENT

FREQUENCY OF READING

M - MONTHLY W - WEEKLY
D - DAILY I - INTERMITTENT

TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
HOPE	3397	106852	SK169822	177	1032	1929	LT	D
UPPER BURBAGE NO.2	3399	107028	SK265829	411	983	1958	LT	M
PARSONS HOUSE	3552	107047	SK273806	379	950	1978	LT	M
MIDDLETON MOOR	3403	107124	SK205752	3061	1025	1974	LT	D
BARBROOK RES.	3404	107268	SK281770	323	940	1910	LT	D
EASTMOOR, THE PADDOCK	3563	107317	SK308714	290	850	1979	LT	M
CHATSWORTH GARDENS	3407	107389	SK262701	133	842	1861	LT	D
BUXTON, TERRACE SLOPE	3412	107494	SK058734	307	1284	1925	LT	D
STANLEY MOOR	3413	107545	SK053714	351	1325	1973	LT	D
PEAK F'EST, CONIES FM	3545	107821	SK118800	329	1200	1977	LT	D
HARGATEWALL	3421	107875	SK117752	347	1186	1951	LT	M
TIDESWELL	3578	107931	SK155746	255	1090	1986	LT	I
LONGCLIFFE RES	3576	108786	SK228553	366	950	1981	UT	I
WHATSTANDWELL W.WKS	3434	108956	SK326554	75	859	1904	LT	D
ASHOVER	3461	109084	SK349629	178	840	1969	LT	D
OGSTON RES.	3441	109141	SK380598	102	762	1963	LT	D
NEWTON	3442	109225	SK446595	171	760	1971	LT	M
BELPER MEADOWS P.S.	3446	109641	SK340477	69	805	1962	LT	D
MIDDLETON TOP	3567	109722	SK276552	303	910	1979	LT	D
LITTLE EATON, LWR P.S	3449	110105	SK364406	52	719	1965	LT	D
KIRK LANGLEY	3575	110330	SK293392	99	760	1980	LT	I
MARKEATON PARK	3454	110371	SK331377	58	711	1935	LT	D
SPONDCN	3577	110518	SK389350	40	620	1983	LT	D
FROLESWORTH, BRAMBLES	3684	110779	SP508903	113	660	1979	LT	D
NARBOROUGH S.WKS	3605	111398	SP549966	74	655	1971	LT	D
HOUGHTON-ON-THE-HILL	3606	111523	SK389035	165	670	1972	LT	D
FLECKNEY	3685	111729	SP656946	101	640	1985	LT	I
WISTOW HALL	3608	111739	SP641957	94	649	1905	LT	D
SHEARSBY	3607	111847	SP626912	129	665	1967	LT	D
WIGSTON S.WKS	3609	111947	SP593967	78	651	1912	LT	D
LEICESTER, SAFFRON LN	3612	112166	SK584021	59	625	1969	LT	M
LEICESTER WATER CNTR	3679	112395	SK563071	100	670	1976	LT	I
WANLIP WRW	3683	112545	SK598117	52	630	1980	LT	D
LEESTHORPE	3617	112704	SK798136	125	650	1972	LT	D
WHISSENDINE	3687	112771	SK829144	103	650	1985	LT	I
WALTHAM ON THE WOLDS	3615	113259	SK804251	174	660	1872	LT	M
FERNELEY SCHOOL	3624	113408	SK751210	111	640	1969	LT	M
BROOKSBY HALL, AG.COL	3680	113774	SK679154	70	620	1975	LT	D
LOWESBY-THE-CEDARS	3688	114060	SK724076	130	670	1987	LT	D
BARKBY HALL	3626	114205	SK637098	69	625	1905	LT	D
THORNTON RES.	3627	114337	SK473072	112	694	1856	LT	D
ULVERSCROFT	3636	114807	SK497117	195	732	1931	LT	D
NEWTOWN LINFORD	3634	114830	SK530095	119	675	1958	LT	D

KEY

AREA

US - UPPER SEVERN LS - LOWER SEVERN
UT - UPPER TRENT LT - LOWER TRENT

FREQUENCY OF READING

M - MONTHLY W - WEEKLY
D - DAILY I - INTERMITTENT

TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF.(mm)	START RECORD	AREA	FREQ
SWITHLAND RES.	3631	114895	SK555148	52	713	1886	LT	W
BURTON-ON-THE-WOLDS	3629	115083	SK508215	79	640	1972	LT	D
NANPANTAN RES	3632	115174	SK508171	82	702	1878	LT	D
LOUGHBOROUGH	3635	115244	SK529209	41	565	1902	LT	D
MT. ST. BERNARD'S ABBY	3641	115296	SK459158	186	760	1964	LT	I
BLACKROCK RES.	3644	115306	SK456178	107	694	1899	LT	D
EAST LEAKE HILLS	3648	115831	SK567279	91	571	1963	LT	M
SUTTON BONINGTON	3652	115902	SK507259	48	611	1908	LT	D
KIRKBY S.WKS	3752	116094	SK484548	108	750	1968	LT	D
PYE-BRIDGE WRW	3979	116173	SK439527	84	740	1978	LT	D
NEWTHORPE S.WKS	3899	116429	SK477449	58	700	1971	LT	D
ILKESTON S.WKS	3755	116527	SK483393	41	631	1934	LT	D
WILFORD HILL RES.	3762	117286	SK579351	90	608	1907	LT	M
WATNALL M.O.	3765	117626	SK503456	117	716	1941	LT	D
SNEINTON P.STN	3769	117848	SK592393	25	615	1904	LT	D
HOLME SLUICE NO.2	3771	117867	SK615393	23	591	1965	LT	D
STOKE BARDOLPH S.WKS	3774	118171	SK635417	22	610	1970	LT	D
BURTON JOYCE W.WKS	3776	118217	SK654443	20	637	1906	LT	M
RAMSDALE HILL RES.	3777	118519	SK596483	153	695	1906	LT	D
FARNSFIELD	3780	118731	SK639561	58	695	1967	LT	D
SOUTHWELL, NOTTS. COL	3782	118920	SK596524	70	655	1972	LT	D
WOOLSTHORPE GRANGE	3785	119386	SK838351	57	574	1960	LT	D
NETHER BROUGHTON	3792	119628	SK689252	67	615	1973	LT	D
HOSE	3791	119838	SK746287	61	610	1967	LT	D
BARNSTONE	3789	119914	SK736349	32	545	1962	LT	M
CROPWELL BISHOP	3905	119943	SK681356	35	550	1973	LT	D
BARKESTONE, WILDER FM	3982	120067	SK791349	58	580	1978	LT	D
FLAWBOROUGH HALL	3903	120262	SK782429	30	550	1976	LT	D
ASLOCKTON S.WKS	3993	120439	SK726405	20	580	1981	LT	D
COTHAM NO.2	3995	120636	SK796476	21	560	1982	LT	D
NEWARK, RIVERSIDE RD	3902	120691	SK788523	17	570	1977	LT	D
EAKRING	3803	120801	SK673614	86	641	1959	LT	D
COLLINGHAM S.WKS	3801	121173	SK828629	9	580	1968	LT	M
BROADWATERS FARM	3980	121285	SK754635	42	580	1977	LT	D
TUXFORD, WESTWOOD	3815	121862	SK714707	73	610	1975	LT	D
RAMPTON HOSPITAL	3806	122024	SK770773	26	560	1969	LT	D
BRAMPTON, MANOR FARM	3986	122165	SK847795	5	580	1979	LT	D
GAINSBOROUGH S.WKS	3814	122500	SK818876	7	595	1975	LT	D
WALKERINGHAM	3812	122646	SK778930	11	580	1968	LT	M
SUTTON-IN-ASHFIELD	3816	122707	SK510595	139	715	1915	LT	D
MANSFIELD W.R.W.	3818	122775	SK548621	35	695	1973	LT	D
CLIPSTONE W.WKS	3820	122891	SK603643	69	657	1907	LT	M
RAINWORTH, SPRING HIL	3824	123028	SK597592	90	645	1976	LT	D

KEY

AREA

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FREQUENCY OF READING

M - MONTHLY W - WEEKLY
D - DAILY I - INTERMITTENT

TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
BOUGHTON P.STN	3823	123261	SK668692	43	626	1900	LT	D
SHIREBROOK S.WKS	3826	123618	SK534674	78	680	1972	LT	D
WARSOP, GLEADTHORPE	3828	123712	SK591699	46	613	1951	LT	D
CLOWNE S.WKS	3838	123963	SK503755	115	690	1976	LT	D
CLUMBER PARK	3836	124227	SK623750	47	640	1972	LT	D
BABWORTH HALL	3841	124476	SK686810	30	583	1924	LT	D
WISETON P.STN	3844	124691	SK711893	6	575	1965	LT	D
HARDWICK GRANGE	3992	124936	SK485863	107	630	1981	LT	D
MANTON W.R.W.	3901	125215	SK609792	27	620	1977	LT	D
ABBAY LATHE S.WKS	3855	125416	SK538903	66	660	1974	LT	D
CARLTON-IN-LINDRICK	3854	125551	SK589838	30	625	1961	LT	D
FINNINGLEY MET. OFFCE	3908	125642	SK659989	10	580	1972	LT	D
OWSTON FERRY	3869	126521	SE805019	11	570	1972	LT	D
WILLOUGHTON MANOR	3994	126701	SK935932	46	640	1982	LT	D
LAUGHTON	3859	126787	SK864982	23	620	1972	LT	D
WARMSWORTH S.WKS	3874	127749	SK550998	21	600	1969	LT	D
CANDY FARM P.STN	3878	127979	SK698031	1	575	1957	LT	D
CROWLE, DIRTNESS P.S.	3882	128787	SE749098	3	568	1881	LT	M
KEADBY P.STN	3884	128856	SE835112	6	611	1947	LT	D
THORNBURY CASTLE SCH	1177	419364	ST636906	34	625		LS	D
BERKELEY	1178	420216	ST674995	8	790		LS	D
CARREG WEN	1600	420649	SN829885	576	2400	1968	US	I
MOEL CYNEDD	1153	420655	SN843877	358	2200	1968	US	D
GARTH-FAWR	1071	420868	SN996791	366	1110	1962	US	D
LLANIDLOES	1294	420983	SN943837	171	1220	1975	US	D
BRYN-Y-FEDWEN	1605	421048	SN836952	509	1825	1971	US	M
DOL BACHOG	1008	421090	SN884936	314	1597	1949	US	D
WAUN-LLWYD, BARCUD	1610	421125	SN841910	442	2100	1971	US	N
DOLYDD	1152	421140	SN873905	297	1780	1968	US	D
CLYWEDOG DAM	1110	421234	SN911870	290	1480	1969	US	D
LLANDINAM	1120	421484	SO022894	131	980	1971	US	D
CARNC, 28 TREMYNODFFA	1344	421954	SN960965	191	1280	1977	US	D
DOLFOR	1324	422328	SO102870	312	1050	1975	US	D
GREGYNOG HALL	1057	422493	SO085976	192	970	1965	US	D
LOWER CEFN PERFA	1400	422693	SO129892	229	950	1982	US	D
GARTHMYL LODGE	1403	423008	SO193990	85	790	1983	US	D
MANAFON	1231	423292	SJ112024	134	960	1972	US	D
CHURCH STOKE	1064	423510	SO291933	140	772	1961	US	D
CHIRBURY, OAKLEE	1384	423879	SO261983	108	740	1982	US	D
WELSHPOOL, B. FROCHAS	1503	424199	SJ195081	213	880	1972	US	D
WELSHPOOL WRW	1221	424216	SJ233073	70	850	1972	US	D
HOPE, BUTTINGTON VIEW	1341	424242	SJ259074	198	840	1977	US	D
WERN VIEW	1239	424573	SJ252132	67	820	1976	US	D

KEY

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TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
RHIWARGOR	1620	424744	SH953244	262	1628	1943	US	M
YR-EITHIN	1642	424767	SH955269	488	1950	1978	US	M
GADFA	1623	424813	SH928232	464	2273	1938	US	M
AFCN CEDIG, H. EGLWYS	1631	424927	SH993253	433	1867	1951	US	M
BRYN GWYN	1633	424961	SH999196	400	1739	1879	US	M
LAKE VYRNWY	1134	425001	SJ017188	303	1633	1944	US	D
MORETON MOFRELL	1166	425001	SP306553	85	622	1654	LS	D
LLANFIHANGEL	1333	425345	SJ089167	274	1300	1975	US	D
ASERCANNON FARM	1002	425785	SH962069	244	1771	1949	US	D
LLANERFYL, B. MALDWYN	1381	426073	SJ053091	191	1200	1982	US	D
CWM GOLEU	1340	426180	SJ133057	236	1040	1977	US	D
LLANFYLLIN WRW	1334	426593	SJ154188	113	1080	1976	US	D
LLANSANTFFRAID, WAEN	1366	426762	SJ235197	78	900	1979	US	D
LLANGYNOG WRW	1700	426853	SJ053258	168	1450	1975	US	D
HIRNANT	1540	426967	SJ048225	233	1490	1941	US	M
RHIWLAS	1149	427166	SJ114260	228	1190	1944	US	D
LLANGEDWYN	1053	427387	SJ174243	116	870	1966	US	D
FENYGWELY RES, TY-UCH	1794	427444	SJ221319	322	1128	1987	US	D
LLANYMYNECH		427745	SJ267211	75	750	1987	US	W
LLANFOROA RES	1536	427859	SJ268296	213	938	1897	US	D
OSWESTRY SCHOOL		427863	SJ385293	139	850	1985	US	C
CRICKHEATH MEADOWS	1362	428051	SJ294230	69	740	1979	US	D
PRESTON MONTFORD	1538	428553	SJ432144	61	675	1976	US	D
DUDLESTON HEATH	1222	428890	SJ366357	99	790	1972	US	D
RUYTON-ELEVEN-TOWNS	1050	429166	SJ392224	76	709	1960	US	D
SHELTON	1122	429413	SJ465135	87	720	1970	US	E
SNAILBEACH, RIDGEWAY	1406	429810	SJ373024	213	850	1985	US	D
HANWOOD	1282	429987	SJ432095	79	710	1973	US	D
WESTBURY	1233	430038	SJ355095	130	770	1972	US	D
WILLOUGHBRIDGE	1288	430632	SJ752399	119	820	1981	US	D
MARKET DRAYTON WRW	1072	430917	SJ669333	76	730	1978	US	D
SANDFORD	1280	431004	SJ583340	94	740	1973	US	D
STOKE-ON-TERN	1404	431151	SJ642290	76	730	1984	US	D
PEPLOW, HOME FARM	1345	431312	SJ636247	69	670	1978	US	D
MORETON	1236	431584	SJ797170	88	680	1972	US	D
NORBURY JUNCTION		431663	SJ794228	101	713	1910	US	W
NEWPORT	1123	432251	SJ712204	64	660	1903	US	D
SLEAP COTTS, CRUDGING	1407	432336	SJ630176	53	610	1985	US	D
RUSHMOOR WRW	1339	432811	SJ617135	50	660	1979	US	D
COCKSHUTT	1224	433056	SH436287	99	710	1974	US	D
WEM W.R.W.	1363	433237	SJ518286	76	690	1979	US	D
SHAWBURY MET-OFFICE	1150	433710	SJ553220	72	670	1944	US	D
ALL STRETTON	1281	434078	SO457958	256	900	1973	US	D

KEY

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TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
DORRINGTON	1229	434223	SJ481033	99	710	1972	US	D
HARNAGE GRANGE	1041	434595	SJ569021	117	695	1935	US	D
MUCH WENLOCK	1320	434942	SO619999	168	780	1975	US	D
COALPORT	1293	435131	SJ707015	40	720	1974	US	D
WESTON PARK	1544	435388	SJ806108	113	692	1873	US	D
COSFORD W.WKS	1151	435509	SJ780046	59	668	1965	US	D
HATTON GRANGE	1545	435528	SJ764043	80	713	1871	US	D
PATTINGHAM	1238	435970	SO826992	122	630	1973	US	D
HALFPENNY GREEN	1289	435070	SO818914	76	700	1974	US	D
MORVILLE HALL	1405	436549	SO669940	91	696	1985	US	D
HAMPTON LOADE	1003	436697	SO752870	70	660	1969	LS	D
TRIMPLEY W.WKS	1548	437138	SO772789	41	730	1967	US	D
BAYTON COMMON	1247	437158	SO710729	198	750	1972	US	D
HAYLEY GREEN P.STA	1549	437487	SO941815	180	815	1959	US	D
LYE WRW	1521	437694	SO919849	75	705	1944	US	D
ASHWOOD P.STN	1553	438251	SO866878	63	556	1919	US	D
ENVILLE HALL	1029	438304	SO825866	99	727	1960	US	D
WOLVERLEY	1268	438492	SO830798	62	700	1975	US	D
HAGLEY W.R.W	1273	438639	SO898799	81	750	1976	US	D
KIDDERMIN.AGGBOROUGH	1408	438716	SO835759	61	660	1982	LS	D
SHENSTONE	1316	438937	SO863735	76	650	1979	US	D
HOLT LOCK		439253	SO821634	17	644	1880	US	D
WILDMOOR	1264	439375	SO955751	137	725	1973	US	D
BROMSGROVE WRW	1173	439482	SO959685	67	683	1937	US	D
DROITWICH,PETRSFIELD	1511	439672	SO906629	55	640	1973	US	D
ELMBRIDGE	1253	439790	SO901678	56	645	1972	US	D
LINCOMB LOCK	1116	439993	SO821693	19	673	1880	US	D
BEVERE LOCK		440112	SO837595	16	642	1880	LS	D
WORCESTER W.WKS	1557	440198	SO841565	17	651	1838	US	D
DIGLIS LOCK	1108	440229	SO847533	15	633	1380	LS	D
KNIGHTON,VICTORIA RD	1043	440707	SO287725	193	1009	1960	US	D
BRAMPTON BRYAN	1067	440885	SO371762	131	869	1961	US	D
TWO CROSSES	1048	441059	SO238866	434	1072	1961	US	D
CLUN	1255	441305	SO309801	262	920	1972	US	D
CLUNBURY	1066	441373	SO372805	158	825	1961	US	D
LEINTHALL EARLS	1252	442025	SO444677	134	850	1976	US	D
PLOWDEN HALL	1068	442592	SO375866	191	843	1961	US	D
CHURCH STRETTON WRW	1386	442927	SO438909	180	860	1980	US	D
CRAVEN ARMS WRW	1271	443093	SO437811	111	780	1975	US	D
OAKLY PARK	1142	443216	SO491762	91	775	1899	US	D
LONGVILLE,WILDERHOPE	1795	443365	SO545928	229	760	1989	US	D
RATLINGHOPE,COATES	1012	443525	SO393954	328	890	1968	US	D
WESTHOPE,GARDEN COTT	1148	443638	SO475863	186	772	1936	US	D

KEY

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TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Maod)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
LUDLOW WRW	1312	443891	SO516732	72	790	1978	US	D
CLEE STANTON	1410	444353	SO580788	255		1990	US	D
KYRE	1022	444643	SO638620	99	747	1959	US	D
TENBURY WRW	1313	444765	SO604685	73	700	1978	US	D
DINGLE LEYS	1143	445049	SO623850	223	878	1938	US	D
HOPTON WAFERS	1392	445388	SO636764	169	870	1982	US	D
EASTHAM	1277	445563	SO669680	88	710	1977	US	D
KINGSWOOD		445778	SO744598	53	690	1961	US	D
WHITBOURNE W.WKS	1519	445799	SO728573	30	700	1967	US	D
COLWALL, EVENDINE LA.		446072	SO757412	148	720	1981	LS	D
OLD STORRIDGE	1512	446330	SO750514	84	751	1962	US	D
MONKWOOD GREEN	1272	446551	SO797602	50	670	1976	US	D
GREAT MALVERN		446802	SO791470	44	710	1974	LS	D
MALVERN	1563	446823	SO790461	62	747	1955	LS	D
CLEVELODE FARM		446883	SO833460	30	660	1981	LS	D
LONGDON, ST. MARY'S	1266	447413	SO837363	23	670	1974	LS	D
TEWKESBURY P.STN	1564	447570	SO890337	14	612	1913	LS	D
TEWKS. UPPER LCDE		447576	SO881328	12	626	1880	LS	D
WELFORD, GLEBE FARM	1301	447649	SP642790	152	680	1976	LS	D
STANFORD RES	1155	447787	SP596804	112	686	1942	LS	D
LUTTERWORTH WRW	1397	448389	SP531830	107	670	1976	LS	D
RUGBY	1565	448545	SP507749	117	652	1957	LS	D
COVENTRY, WALSGRAVE	1401	449242	SP380798	75	660	1981	LS	D
COVENTRY, BABLAKE SCH		449609	SP326797	93	670	1984	LS	D
FINHAM WRW	1045	449958	SP334740	61	644	1960	LS	D
STAVERTON	1049	450183	SP537811	168	709	1961	LS	D
DRAYCOTE RES	1200	450439	SP469693	98	620	1971	LS	D
FENNY COMPTON SCHOOL	1081	450732	SP418524	116	690	1969	LS	D
SOUTHAM, 76 BANBURY	1402	451117	SP416613	82	630	1983	LS	D
LEAMINGTON SPA	1766	451517	SP309655	49	620	1980	LS	I
HATTON		451683	SP243669	98	678	1938	LS	W
WELLESBOURNE	1165	452036	SP271565	47	599	1950	LS	D
WELLESBOURNE NO.2		452037	SP271565	47	600	1978	LS	D
STRATFORD-ON-AVON PS	1105	452626	SP195541	35	617	1919	LS	D
LOWER BRAILES SCHOOL	1204	452840	SP308393	128	680	1971	LS	D
CHIPPING CAMPDEN WRW	1761	453096	SP164393	123	750	1981	LS	D
BLOCKLEY	1574	453191	SP165348	137	745	1925	LS	D
SHIPSTON-ON-STOUR	1087	453420	SP268411	67	625	1981	LS	D
ILMINGTON	1203	453836	SP209436	119	680	1971	LS	D
STRATFORD. EXP.		454099	SP164549	49	623	1941	LS	D
LYE BR. (ALVECHURCH)	1201	454433	SP032717	104	750	1975	LS	D
STUDLEY WRW	1016	454739	SP080625	61	680	1975	LS	D
WROXALL	1032	455098	SP220708	122	730	1960	LS	D

KEY

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TABLE 15
DAILY RAINFALL STATIONS

STATION NAME	NRA REF	MET. OFFICE	GRID REFERENCE	ALT (Moad)	ANN.AV. RF. (mm)	START RECORD	AREA	FREQ
BROADWAY WRW	1210	455992	SP081378	69	705	1979	LS	D
SUDELEY LODGE	1580	456197	SP041270	152	790	1976	LS	D
DIDBROOK FIELDS	1593	456333	SP048320	80	715	1977	LS	D
HAMPTON PARK WRW	1111	456523	SP030446	30	620	1957	LS	D
ASTWOOD BANK	1581	456753	SP045611	139	700	1976	LS	D
PERSHORE COLL.HORT.	1169	457134	SO959447	40	641	1952	LS	D
HEWLETTS RES	1583	458331	SO973222	128	707	1890	LS	D
BROCKHAMPTON WRW	1726	458427	SC944266	40	645	1983	LS	D
DOWDESWELL RES NO.2	1140	458345	SC983198	100	740	1979	LS	D
CHELTENHAM.MONTPEL.		458905	SO946218	65	665	1903	LS	D
WHITCOMBE RES	1522	459378	SP903151	84	732	1863	LS	D
STAPLOW	1391	459695	SO693416	70	700	1982	LS	D
LEDBURY WRW	1119	459794	SO701372	46	700	1976	LS	D
BROMSBORROW HEATH PS	1175	460147	SO738332	55	717	1908	LS	D
STAUNTON WRW	1274	460418	SO785282	21	675	1973	LS	D
TAYNTON	1516	460748	SO742216	25	755	1928	LS	D
HARESCOMBE GRANGE	1587	460921	SO843105	170	770	1901	LS	D
HEMPSTED(NETHERIDGE)	1146	460970	SO811157	12	665	1959	LS	D
MISERDEN PARK	1141	461467	SO938098	232	941	1930	LS	D
SHEEPSCOMBE	1251	461777	SO897104	134	860	1972	LS	D
AVENING	1261	461940	ST985982	130	915	1973	US	D
KINGSCOTE WIND.COTT.		462027	ST811967	229	910	1984	US	D
WOODCHESTER,HOME GRD	1793	462125	SO838026	76	900	1987	LS	D
WHITMINSTER	1518	462252	SO756093	10	776	1891	LS	D
CINDERFORD CRUMP MED	1279	463377	SO646138	152	875	1977	LS	D
SLING,MARSH LANE	1260	463587	SO585076	183	1010	1973	LS	D
DOWN HOUSE,BROMYARD	1138	475361	SO671545	150	740		US	D
CHAPEL RESERVOIR	3572	558292	SK069795	353		1986	LT	I

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TABLE 16
CLIMATOLOGICAL STATION CATALOGUE

STATION NAME	AREA	MET. OFFICE REFERENCE NUMBER	NATIONAL GRID REFERENCE	ELEVATION (maod)	DATE OF FIRST RECORD
BISHOP'S CASTLE	US	441441	SO 338 873	251	1982
BROOKSBY	LT	113774	SK 679 154	70	1975
GREENFIELDS	US	431395	SJ 614 261	85	1981
HARTLEBURY	US	438925	SO 846 697	73	1970
HOLLINSCLOUGH	LT	101202	SO 066 666	291	1973
WALSALL WOOD	UT	094599	SK 038 042	140	1982
WELLESBOURNE	LS	452035	SK 271 565	47	1981

TABLE 17
GROUNDWATER OBSERVATION BOREHOLE NETWORK

A. TRENT CATCHMENT

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Little Grange Farm	1035	SJ 9260 3910	SS	Forsbrook	F.3.6	17.06.80	UT
Hardiwick Farm	1034	SJ 9580 4360	SS	Forsbrook	F.3.6	17.06.80	UT
Meadowside Farm	1003	SJ 9480 4150	DF	Forsbrook	F.3.6	04.02.74	UT
Moddershall	1036	SJ 9307 3661	SS	Spot	F.3.7	17.06.80	UT
Wheatsheaf	1039	SJ 9300 3850	SS	Spot	F.3.7	20.06.80	UT
Rough Close	1004	SJ 9260 3910	SS	Spot	F.3.7	02.02.73	UT
Squirrels Leap	8005	SJ 9268 3745	SS	Spot	F.3.7	04.02.76	UT
Fair Oak	1006	SJ 7651 3322	SS	Bishops Wood	F.4.1	13.10.66	UT
Bishops Offley	1030	SJ 7835 2990	SS	Bishops Wood	F.4.1	23.05.80	UT
Greatwood Farm	1033	SJ 7800 3120	SS	Bishops Wood	F.4.1	17.06.80	UT
Croxton (Ginger Lane)	1023	SJ 7885 3182	SS	Bishops Wood	F.4.1	07.04.77	UT
Croxton Bank	1056	SJ 7830 3270	SS	Bishops Wood	F.4.1	01.02.87	UT
Shutt Lane	1059	SJ 7860 3300	SS	Bishops Wood	F.4.1	12.08.88	UT
Windmill Lane	1060	SJ 7820 3220	SS	Bishops Wood	F.4.1	12.08.88	UT
Podmore	1022	SJ 7840 3550	MM	(Minor Aquifer)	24-UT	13.10.66	UT
Broughton Hall	1032	SJ 7650 3400	MM	(Upper Trent)	24-UT	13.08.80	UT
Stabhill	1029	SJ 8499 3665	SS	Hatton	F.4.2	19.02.79	UT
Sheldon-U-Harley	1043	SJ 8220 3940	SS	Hatton	F.4.2	30.06.81	UT
Upper Hatton Wood	1057	SJ 8310 3770	SS	Hatton	F.4.2	20.05.88	UT
Standon	1062	SJ 8210 3480	SS	Hatton	F.4.2	20.05.88	UT
Wing House	1044	SJ 8610 3670	SS	Tittensor	F.4.3	30.06.81	UT
Brickhouse Farm	1031	SJ 9526 2466	SS	Hepton	F.4.6	17.06.80	UT
Stone	1005	SJ 9526 2466	SS	Oulton	F.4.4	29.11.74	UT

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TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Buildings Farm	1026	SJ 9550 2014	SS	Teddesley	F.4.8	13.07.78	UT
Bednall Head	1008	SJ 9706 1749	SS	Teddesley	F.4.8	14.10.72	UT
Teddesley Park	1024	SJ 9659 1632	SS	Teddesley	F.4.8	12.05.77	UT
Brocton Reserve Pond	1046	SJ 9680 1880	SS	Teddesley	F.4.8	08.09.82	UT
Brocton Reserve BH	1045	SJ 9680 1880	SS	Teddesley	F.4.8	08.09.82	UT
Woolgarston	1009	SJ 9410 1390	SS	Teddesley	F.4.8	26.11.73	UT
Sherbrooke Valley	1047	SJ 9885 1665	SS	Rugeley	F.4.7	20.01.83	UT
Dry Pits	1051	SJ 9855 1888	SS	Rugeley	F.4.7	20.03.87	UT
Hilton Colliery	1010	SJ 9405 0434	SS	Coven	F.4.9	29.01.73	UT
Codsall WRW	1025	SJ 8840 0370	SS	Coven	F.4.9	13.07.78	UT
Four Crosses	1007	SJ 9580 0968	SS	Coven	F.4.9	04.07.69	UT
Coven Lane	1048	SJ 8980 0450	SS	Coven	F.4.9	31.10.83	UT
Cat and Kittens	1050	SJ 9230 0500	SS	Coven	F.4.9	14.03.84	UT
Ibstock	1212	SK 4047 0905	SS	Coalville	F.0.2	05.05.72	UT
Royle Farm	1014	SK 2540 1900	SS	Burton	F.0.4	24.11.72	UT
Repton Park Farm	1015	SK 3130 2400	SS	Burton	F.0.4	03.12.73	UT
Branston	1019	SK 2345 2163	SS	Burton	F.0.4	17.01.69	UT
Clays Lane	1053	SK 2280 2180	SD	Minor Aquifer	15-UT	01.01.86	UT
Green Lane (No 1)	1054	SK 2000 2050	SD	(Burton Gravels)	15-UT	01.01.86	UT
Green Lane (No 2)	1055	SK 2000 2050	SD	(Burton Gravels)	15-UT	01.01.86	UT
Grangewood	1021	SK 2731 1419	SS	Measham	F.0.5	31.01.67	UT
Whitehouse	1018	SK 2731 1419	SS	Measham	F.0.5	28.10.66	UT
Barnsheath	1028	SK 3280 1010	SS	Measham	F.0.5	21.09.78	UT
Newton Regis	1211	SK 2818 0737	SS	Warton	F.0.6	27.02.70	UT
United Biscuits (Ashby)	1027	SK 3517 1785	CM	Swadlincote	D.0.2	12.11.78	UT

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Bog Lane	1042	SK 3732 2434	N	Melbourne	D.0.3	25.03.81	UT
Wiltell	1013	SK 1175 0898	SS	Lichfield	F.5.1	27.08.69	UT
Whittington	1223	SK 1550 0650	SS	Lichfield	F.5.1	20.05.81	UT
Stubbers Green	1221	SK 0510 0740	SS	Shenstone	F.5.2	02.09.76	UT
Nuttalls Farm	1203	SK 0670 0120	SS	Shenstone	F.5.2	20.08.75	UT
Shireoak	1202	SK 0601 0423	SS	Shenstone	F.5.2	11.12.70	UT
Weeford Flats	1200	SK 1440 0464	SS	Shenstone	F.5.2	05.07.73	UT
Sutton Park	1222	SP 1040 9610	SS	Sutton	F.5.3	20.05.71	UT
Upper Trinity	1214	SP 0833 8625	SS	Birmingham	F.5.4	07.07.71	UT
Dares Brewery	1215	SP 0761 8519	SS	Birmingham	F.5.4	07.07.71	UT
Nechells	1207	SP 0930 8920	SS	Birmingham	F.5.4	03.11.71	UT
Joseph Harris	1205	SP 0699 9140	SS	Birmingham	F.5.4	03.05.72	UT
Perry Barr	1206	SP 0590 9130	SS	Birmingham	F.5.4	20.12.72	UT
Constitution Hill	1208	SP 0670 8760	SS	Birmingham	F.5.4	29.05.74	UT
Nechells Baths	1226	SP 0978 8954	SS	Birmingham	F.5.4	31.08.88	UT
Longbridge	1210	SP 0072 7755	SS	Longbridge	F.8.8	30.10.73	UT
Cowburns	1213	SP 3609 9102	SS	Nuneaton	F.0.7	21.01.72	UT
Robinsons End	1217	SP 3175 9106	CM	Arley	D.0.1	29.11.72	UT
Charity Farm	1218	SP 2640 9700	CM	Arley	D.0.1	24.05.74	UT
Abbey Green Farm	1448	SJ 9790 5740	SS	Leek	F.3.8	06.07.82	UT
High Up Farm	1445	SJ 9734 5816	SS	Leek	F.3.8	22.12.77	UT
St Edwards	1407	SJ 9775 5362	SS	Leek	F.3.8	24.12.70	UT
Highgate Farm	1445	SJ 9625 5867	SS	Leek	F.3.8	01.07.86	UT
Tean	1447	SK 0090 3980	SS	Tean	F.3.5	05.05.77	UT

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Stubwood	1408	SK 0970 4000	SS	Greatgate	F.3.4	09.11.66	UT
Sunnybank Farm	1446	SK 0360 4065	SS	Greatgate	F.3.4	12.11.76	UT
Alton	1456	SK 0676 4136	SS	Alton	F.3.3	01.08.86	UT
Wooton Lodge	1405	SK 0676 4136	SS	Alton	F.3.3	05.05.72	UT
Burton Shutts	1412	SK 2539 4431	SS	Shirley	F.3.1	12.06.72	UT
Eggington Creamery	1409	SK 2610 2969	SS	K Langley/Burton	F.2.3/ F.0.4	30.09.66	UT
Sandy Lane	1401	SK 3002 3839	SS	Kirk Langley	F.2.3	03.11.66	LT
Offiler's Brewery	1415	SK 3522 3508	SS	Derby North	F.2.1	28.11.68	LT
Alstonfield	1420	SK 1290 5550	D	Alstonfield	D.3.3	16.05.74	UT
Landcroft Farm	1441	SK 0945 5927	D	Alstonfield	D.3.3	23.03.77	UT
Dowlow	1427	SK 1050 6790	D	Alstonfield	D.3.3	06.10.72	UT
Brassington	1435	SK 2226 5420	D	Alstonfield	D.3.3	12.12.75	UT
Two Dale Barn	1437	SK 1940 5580	D	Alstonfield	D.3.3	04.08.77	UT
Wardlow	1421	SK 0860 4770	D	Alstonfield	D.3.3	17.05.74	UT
Oddo House Farm	1431	SK 2179 6069	D	Matlock	D.3.4	11.04.69	LT
Nutseats Quarry	1433	SK 2368 6584	D	Matlock	D.3.4	11.03.76	LT
Kyder Point	1419	SK 2630 5650	D	Matlock	D.3.4	03.02.76	LT
Hallam Shafts	1454	SK 2930 5480	D	Matlock	D.3.4	20.12.83	LT
Dalehead Farm	1430	SK 2077 6897	D	Buxton	D.3.5	30.04.76	LT
Great Hucklow	1424	SK 1778 7762	D	Buxton	D.3.5	11.04.69	LT
Peak Forest	1426	SK 1200 7880	D	Buxton	D.3.5	21.08.73	LT
Bee Low	1444	SK 0850 7900	D	Buxton	D.3.5	12.10.77	LT
Victory Quarry	1443	SK 0751 7677	D	Buxton	D.3.5	15.03.77	LT
Highcliffe Farm	1442	SK 0820 7135	D	Buxton	D.3.5	15.12.76	LT
Bull i'thorn	1423	SK 1280 6656	D	Buxton	D.3.5	11.04.69	UT
Big Moor	1416	SK 2808 7460	N	Hathersage	D.2.3	11.11.48	LT

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Cherry Tree	1713	SE 7154 1000	SS	Doncaster	F.1.1	20.08.68	LT
Stainforth	1715	SE 6411 1029	SS	Doncaster	F.1.1	01.05.69	LT
Swinnow Wood	1716	SE 6307 9355	SS	Doncaster	F.1.1	23.12.69	LT
Blaxton	1718	SE 6869 0072	SS	Doncaster	F.1.1	02.04.70	LT
Pighill Thorne	1719	SE 7022 1593	SS	Doncaster	F.1.1	22.10.71	LT
Rooks Farm	1720	SK 7062 9976	SS	Doncaster	F.1.1	04.09.74	LT
Boston Park	1717	SE 6776 0456	SS	Doncaster	F.1.1	22.10.67	LT
Armthorpe	1807	SE 6340 0480	SS	Doncaster	F.1.1	09.03.81	LT
Branton	1809	SE 6370 0070	SS	Doncaster	F.1.1	09.03.81	LT
Haworth	1810	SK 6110 9210	SS	Doncaster	F.1.1	09.03.81	LT
Bescarr	1811	SE 5990 0110	SS	Doncaster	F.1.1	09.03.81	LT
Danes Hill	1725	SK 6736 8646	SS	Ranskill	F.1.2	11.11.69	LT
Crossley Hill	1722	SK 6100 8374	SS	Ranskill	F.1.2	03.12.69	LT
Kilton Forest	1727	SK 6061 8096	SS	Ranskill	F.1.2	18.08.71	LT
Barnby Moor	1728	SK 6650 8470	SS	Ranskill	F.1.2	30.08.74	LT
Grange Farm	1801	SK 6611 3475	SS	Ranskill	F.1.2	24.08.81	LT
Morris Dancers	1730	SK 6448 7257	SS	Clumber	F.1.3	28.10.69	LT
Gamston	1747	SK 7033 7655	SS	Clumber	F.1.3	28.10.69	LT
Dutchess Plantation	1729	SK 5824 7520	SS	Clumber	F.1.3	19.11.69	LT
Manton Lodge	1734	SK 6295 7740	SS	Clumber	F.1.3	11.02.77	LT
BP Bothamsall	1853	SK 6630 7420	SS	Clumber	F.1.3	01.10.87	LT
Fanny Kays Cottage	1855	SK 6720 7990	SS	Clumber	F.1.3	01.10.87	LT
Bilsthorpe	1736	SK 6423 6142	SS	Clipstone	F.1.4	12.08.87	LT
Coxmoor	1731	SK 5215 5763	SS	Clipstone	F.1.4	28.10.69	LT
Clipstone Forest	1793	SK 6040 6230	SS	Clipstone	F.1.4	19.06.79	LT
Watch Hill	1735	SK 6135 5910	SS	Clipstone	F.1.4	28.10.69	LT
Peafield	1732	SK 5632 6440	SS	Clipstone	F.1.4	28.10.69	LT
Holly Lodge	1816	SK 5550 5580	SS	Clipstone	F.1.4	23.06.75	LT
BP Eganton	1854	SK 7546 6816	SS	Clipstone	F.1.4	01.10.87	LT
Catfoot Lane	1820	SK 6060 4590	SS	Blidworth	F.1.6	23.06.75	LT
Loudham Grange	1831	SK 6480 4700	SS	Blidworth	F.1.6	24.06.75	LT

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Cliff Farm	1826	SK 6780 4680	SS	Blidworth	F.1.6	16.05.75	LT
Hill Farm	1818	SK 6590 4900	SS	Blidworth	F.1.6	08.07.75	LT
Mill Farm	1829	SK 6300 5000	SS	Blidworth	F.1.6	08.07.75	LT
Meridian	1739	SK 6140 4920	SS	Blidworth	F.1.6	15.12.67	LT
Oxton Hill Reservoir	1812	SK 6490 5180	SS	Blidworth	F.1.6	04.06.75	LT
Oxton	1738	SK 6249 5189	SS	Blidworth	F.1.6	28.10.69	LT
Loath Hill	1814	SK 6330 5410	SS	Blidworth	F.1.6	09.09.75	LT
New Hall Reservoir	1813	SK 6620 5460	SS	Blidworth	F.1.6	29.04.75	LT
Kirklington	1835	SK 6820 5670	SS	Blidworth	F.1.6	15.12.76	LT
Eakring	1753	SK 6792 5898	SS	Blidworth	F.1.6	15.10.75	LT
Kelham Hills	1756	SK 7586 5686	SS	Blidworth	F.1.6	15.10.75	LT
Kighill	1740	SK 5545 5316	SS	Blidworth	F.1.6	28.10.69	LT
Ramsdale Reservoir	1821	SK 5960 4830	SS	Blidworth	F.1.6	16.06.75	LT
Blidworth Lodge	1828	SK 5860 5330	SS	Blidworth	F.1.6	16.05.75	LT
Oxton Bogs Gauge Board	1839	SK 6140 5130	SS	Blidworth	F.1.6	09.07.79	LT
Oxton Bogs TW (26)	1849	SK 6140 5160	SS	Blidworth	F.1.6	20.03.81	LT
Oxton Bogs TW (28)	1842	SK 6160 5140	SS	Blidworth	F.1.6	25.06.80	LT
Oxton Bogs TW (32)	1843	SK 6170 5110	SS	Blidworth	F.1.6	12.01.81	LT
Oxton Bogs TW (33)	1844	SK 6150 5120	SS	Blidworth	F.1.6	25.06.80	LT
Fox Covert	1823	SK 5860 5050	SS	Blidworth	F.1.6	15.07.75	LT
Forest Farm	1781	SK 6240 5710	SS	Blidworth	F.1.6	09.12.75	LT
York House	1744	SK 5730 4040	SS	Nottingham	F.1.7	26.01.73	LT
Castlegate	1782	SK 5723 3968	SS	Nottingham	F.1.7	24.01.77	LT
Molyneux	1748	SK 5490 3818	SS	Nottingham	F.1.7	12.11.67	LT
John Players	1742	SK 5542 4079	SS	Nottingham	F.1.7	15.10.76	LT
Shipstones	1743	SK 5568 4208	SS	Nottingham	F.1.7	09.12.63	LT
Hazel Hill	1737	SK 5663 4637	SS	Nottingham	F.1.7	29.01.70	LT
Mapperley Reservoir	1848	SK 5869 4310	SS	Nottingham	F.1.7	13.10.82	LT
Spring Farm	1796	SK 7032 3800	SS	Nottingham	F.1.7	07.12.78	LT
Station Street	1856	SK 5768 3938	SS	Nottingham	F.1.7	18.07.88	LT
Island Street	1857	SK 5800 3955	SS	Nottingham	F.1.7	18.07.88	LT
City Hospital	1858	SK 5670 4415	SS	Nottingham	F.1.7	11.04.89	LT
Woodland Farm	1657	SK 7693 3228	SS	Nottingham	F.1.7	11.03.80	LT

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Hall Gardens	1746	SK 5071 3723	SS	Beeston	F.1.8	07.03.72	LT
Lowes Nurseries	1785	SK 5172 3826	SS	Beeston	F.1.8	10.01.78	LT
Barton Transport	1802	SK 5246 3623	SS	Beeston	F.1.8	12.11.80	LT
East Leake	1655	SK 5584 2841	SS	Beeston	F.1.8	03.08.79	LT
Stainton Littlewood	1767	SK 5549 9430	ML	Maltby	E.1.2	16.01.73	LT
Gildingwells	1759	SK 5580 8500	ML	Maltby	E.1.2	14.12.73	LT
Hodhill	1766	SK 5207 6635	ML	Bolsover	E.1.3	08.02.72	LT
Whitwell Highwood	1763	SK 5150 7660	ML	Bolsover	E.1.3	15.01.73	LT
Marlpit Lane (Bolsover)	1762	SK 4840 7090	ML	Bolsover	E.1.3	22.02.74	LT
Southward Lane	1760	SK 5248 8018	ML	Bolsover	E.1.3	08.01.73	LT
Penniment Farm	1764	SK 5081 6202	ML	Mansfield	E.1.4	23.01.73	LT
Kirkby-in-Ashfield	1771	SK 4900 5610	ML	Mansfield	E.1.4	12.06.73	LT
Stanton	1765	SK 4800 6030	ML	Mansfield	E.1.4	23.01.73	LT
End Cottage	1769	SK 5127 4184	ML	Hucknall	F.1.5	06.01.69	LT
Croxton Park	1650	SK 8162 2620	LL	Waltham	G.9.2	25.01.73	LT
Hareko	1652	SK 5941 0555	MM	Minor Aquifer	24-S	02.09.71	LT
Whitwick	1653	SK 4305 1586	SS	Diseworth	F.0.1	18.03.75	LT
Micklin Farm	1654	SK 4439 1957	SS	Diseworth	F.0.1	14.07.72	LT

SD Superficial Deposits
 LL Lincolnshire Limestone
 SS Sherwood Sandstones
 ML Magnesian Limestone [Lower]
 CM Coal Measures

N Namurian
 D Dinantian
 [MM: Minor Aquifer e.g. Mercia Mudstones]

TABLE 17 CONTINUED
GROUNDWATER OBSERVATION BOREHOLE NETWORK

B. SEVERN CATCHMENT

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Perry Farm	0315	SJ 3468 3036	SS	Whittington* [5]	F.6.1	03.10.75	US
-	-		SS	Knockin* [4]	F.6.2	-	US
-	-		SS	Alberbury* [6]	F.6.3	-	US
The Knolls	0214	SJ 4227 1733	SS	Ensdon* [18]	F.6.4	13.01.83	US
Broad oak	0050	SJ 4977 1752	SS	Merrington* [11]	F.6.5	12.01.83	US
-	-		SS	Stanton* [16]	F.6.6	-	US
Heathlanes	0169	SJ 6195 2105	SS	Radmoor* [40]	F.6.7	16.07.71	US
Atcham	0012	SJ 5420 0920	SS	Longdon* [1]	F.6.8	06.03.74	US
Woore	0147	SJ 7320 4240	SS	Market Drayton*[1]	F.7.1	14.07.82	UT
Four Alls	0134	SJ 6792 3217	SS	Market Drayton	F.7.1	09.06.71	US
Heathcote	0168	SJ 6537 2834	SS	Wistanwick* [10]	F.7.2	02.01.73	US
Cherrington	0075	SJ 6668 1974	SS	Sambrook* [6]	F.7.3	16.07.71	US
Childs Ercall	2061	SJ 6651 2336	SS	Sambrook	F.7.3	13.01.83	US
Cheswell	0495	SJ 7270 1710	SS	Adeney	F.7.4	09.10.81	US
Egmond Marsh	0496	SJ 7250 0050	SS	Adeney	F.7.4	09.10.81	US
Lizard Wood No 1	0229	SJ 7800 0935	SS	Cosford	F.7.6	27.01.78	US
Lizard Wood No 2	0230	SJ 7800 0935	SS	Cosford	F.7.6	27.01.78	US

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Shifnal (Upton Farm)	0360	SJ 7544 0668	SS	Cosford	F.7.6	08.07.77	US
Shifnal (Weston Heath BH)	0457	SJ 7728 1330	SS	Cosford	F.7.6	26.06.81	US
Shifnal (Weston Heath Well)	0458	SJ 7740 1344	SS	Cosford	F.7.6	22.05.73	US
Wrottesley	8003	SJ 8260 0095	SS	Cosford	F.7.6	02.07.84	US
Astol	0010	SJ 7365 0008	SS	Worfield	F.7.7	17.08.77	US
Chesterton	0076	SO 7750 9730	SS	Worfield	F.7.7	15.08.73	US
Claverley (Well)	0081	SO 7740 9310	SS	Worfield	F.7.7	15.08.73	US
Crammere Farm	0098	SO 7560 9750	SS	Worfield	F.7.7	23.08.76	US
Harrington BH	0158	SJ 7480 0160	SS	Worfield	F.7.7	26.02.76	US
Havenhills	0160	SJ 7357 0324	SS	Worfield	F.7.7	02.12.77	US
Lea Farm (Albrighton)	0218	SJ 8070 0325	SS	Worfield	F.7.7	03.06.77	US
Nor Hill	0277	SO 8110 9980	SS	Worfield	F.7.7	15.08.73	US
Nurton Hill Farm	0284	SO 8320 9970	SS	Worfield	F.7.7	15.08.73	US
Stanmore Cottage	0375	SO 7460 9230	SS	Worfield	F.7.7	21.04.75	US
Stanmore BH (Upper)	0508	SO 7460 9320	SS	Worfield	F.7.7	17.04.84	US
Stanmore BH (Lower)	0509	SO 7460 9320	SS	Worfield	F.7.7	27.04.84	US
Hatton Grange	0499	SJ 7608 0425	SS	Worfield	F.7.7	18.06.80	US
Hatton Grange (Shallow)	0500	SJ 7610 0425	SS	Worfield	F.7.7	18.02.82	US
Patshall	0517	SJ 8135 0095	SS	Worfield	F.7.7	01.07.87	US
Blackbrook	0518	SO 8345 9715	SS	Worfield	F.7.7	01.07.87	US
Blackbrook Maer	0036	SJ 7730 3880	SS	Wellings	F.7.8	21.09.73	UT
Check Hill	0074	SO 8610 8860	SS	Wombourne	F.8.1	10.07.78	US
Furnace Grange	0138	SO 8450 9650	SS	Wombourne	F.8.1	28.11.32	US
Greensforge Farm	0145	SO 8600 8800	SS	Wombourne	F.8.1	15.08.73	US
Little Moor (Pattingham)	0224	SO 8310 9800	SS	Wombourne	F.8.1	21.03.77	US
Sandy Acre (Seisdon)	0353	SO 8430 9510	SS	Wombourne	F.8.1	28.11.32	US
Shipley Common	0361	SO 8430 9540	SS	Wombourne	F.8.1	11.04.73	US
Seisdon Tip No 1	0460	SO 8414 9532	SS	Wombourne	F.8.1	07.06.82	US
Heath Barn	0164	SO 8560 8210	SS	Stourbridge	F.8.2	01.11.76	US
Kings Lodge	0209	SO 8440 8540	SS	Stourbridge	F.8.2	19.08.24	US
Kinver - Old Waterworks	0213	SO 8480 8330	SS	Stourbridge	F.8.2	28.06.76	US

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Old Barn (A449T)	0287	SO 8570 8170	SS	Stourbridge	F.8.2	19.12.78	US
Prestwood Hospital	0325	SO 8680 8600	SS	Stourbridge	F.8.2	09.10.23	US
Roundhills WRW	0340	SO 8710 8390	SS	Stourbridge	F.8.2	05.02.79	US
Swinford Common	0389	SO 8980 8320	SS	Stourbridge	F.8.2	29.09.77	US
Turbine Cottage-Whittington	0400	SO 8680 8190	SS	Stourbridge	F.8.2	15.05.78	US
Whittington	0427	SO 8580 8270	SS	Stourbridge	F.8.2	31.07.73	US
Norton Obs BH No 14A	0475	SO 8989 8223	SS	Stourbridge	F.8.2	27.03.81	US
Norton Obs BH No 14B	0476	SO 8991 8223	SS	Stourbridge	F.8.2	26.03.81	US
Norton Obs BH No 5	0477	SO 8941 8182	SS	Stourbridge	F.8.2	20.07.81	US
Norton Obs BH No 6	0479	SO 8917 8180	SS	Stourbridge	F.8.2	25.08.81	US
Norton Obs BH No 4	0483	SO 8872 8189	SS	Stourbridge	F.8.2	29.10.81	US
Norton E (Recharge Hole)	0490	SO 8936 8173	SS	Stourbridge	F.8.2	14.12.81	US
Norton C (Layby)	0491	SO 8994 8168	SS	Stourbridge	F.8.2	02.12.81	US
Barnett Hill	0019	SO 8910 7730	SS	Kidderminster	F.8.3	02.06.76	US
Barrowhill	0022	SO 9090 7510	SS	Kidderminster	F.8.3	19.05.76	US
Beech Tree Lane (Obs BH)	0025	SO 8640 8070	SS	Kidderminster	F.8.3	18.04.79	US
Blakeways	0039	SO 8630 7340	SS	Kidderminster	F.8.3	16.05.73	US
Broom House	0054	SO 9020 7830	SS	Kidderminster	F.8.3	16.11.73	US
Clent	0082	SO 9357 7746	SS	Kidderminster	F.8.3	03.06.80	US
Five Ways (01)	0130	SO 8720 8040	SS	Kidderminster	F.8.3	17.11.76	US
Hagley Treherms Farm	0151	SO 9070 8110	SS	Kidderminster	F.8.3	15.05.73	US
Hillfields Farm	0175	SO 8160 7960	SS	Kidderminster	F.8.3	25.04.73	US
Hillpool	0176	SO 8960 7590	SS	Kidderminster	F.8.3	02.04.66	US
Iverley House Farm	0199	SO 8710 8150	SS	Kidderminster	F.8.3	17.11.76	US
Kingsford Farm	0210	SO 8200 8170	SS	Kidderminster	F.8.3	12.08.74	US
Lodge Farm	0235	SO 8900 7360	SS	Kidderminster	F.8.3	31.10.73	US
Longmoor Farm	0237	SO 8840 7270	SS	Kidderminster	F.8.3	31.10.73	US
Norton Borehole 081	0282	SO 8961 8155	SS	Kidderminster	F.8.3	23.04.74	US
Windmill Pool (Palethorpes)	0298	SO 8940 7890	SS	Kidderminster	F.8.3	29.01.74	US
Pavillion	0306	SO 8880 7860	SS	Kidderminster	F.8.3	12.01.76	US
Rednall Farm	0333	SO 9060 7810	SS	Kidderminster	F.8.3	16.07.62	US
Whitehouse Farm	0425	SO 8626 7997	SS	Kidderminster	F.8.3	25.04.73	US
Yieldingtree Farm	0454	SO 8990 7730	SS	Kidderminster	F.8.3	02.03.64	US

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Yieldingtree Cottages	0453	SO 9000 7750	SS	Kidderminster	F.8.3	16.11.73	US
Norton Obs BH No 17A	0469	SO 9003 8098	SS	Kidderminster	F.8.3	14.01.81	US
Norton Obs BH No 17B	0470	SO 9004 8098	SS	Kidderminster	F.8.3	28.01.81	US
Norton Obs BH No 17C	0471	SO 9003 8098	SS	Kidderminster	F.8.3	14.01.81	US
Norton Obs BH No 13A	0472	SO 9041 8149	SS	Kidderminster	F.8.3	28.01.81	US
Norton Obs BH No 13E	0473	SO 9039 8149	SS	Kidderminster	F.8.3	11.02.81	US
Norton Obs BH No 13C	0474	SO 9038 8149	SS	Kidderminster	F.8.3	12.03.81	US
Norton Obs BH No 20	0478	SO 8995 8131	SS	Kidderminster	F.8.3	06.08.81	US
Norton Obs BH No 6	0479	SO 8917 8180	SS	Kidderminster	F.8.3	25.08.81	US
Norton Obs BH No 11A (Top)	0480	SO 8933 8157	SS	Kidderminster	F.8.3	13.07.81	US
Norton Obs BH No 11B (Mid)	0481	SO 8933 8157	SS	Kidderminster	F.8.3	13.07.81	US
Norton Obs BH No 11C (Base)	0482	SO 8933 8157	SS	Kidderminster	F.8.3	13.07.81	US
Iverley Lane (Upper)	0493	SO 8840 8010	SS	Kidderminster	F.8.3	04.12.81	US
Norton D (Reservoir)	0489	SO 8979 8161	SS	Kidderminster	F.8.3	02.12.81	US
Iverley Lane (Upper)	0494	SO 8840 8010	SS	Kidderminster	F.8.3	04.12.81	US
Norton E (Recharge Hole)	0490	SO 8936 8173	SS	Kidderminster	F.8.3	14.12.81	US
Norton C (Layby)	0491	SO 8994 8168	SS	Kidderminster	F.8.3	02.12.81	US
Qualas Carpets	0329	SO 8230 7270	SS	Stourport	F.8.4	08.03.74	US
The Woodlands (Hartlebury)	0441	SO 8450 7100	SS	Stourport	F.8.4	17.01.73	US
Wribbenhall	0526	SO 7960 7580	SS	Stourport	F.8.4	26.09.88	US
Astley (Berrington Cottages)	0008	SO 7900 6770	SS	Astley	F.8.5	07.02.73	US
Birkmyre Structons Heath	0034	SO 7740 6570	SS	Astley	F.8.5	07.02.73	US
The Courtlands	0095	SO 7940 6470	SS	Astley	F.8.5	01.10.74	US
Little Witley (Haven N)	0227	SO 7840 6350	SS	Astley	F.8.5	07.02.73	US
Rectory Lane Shrawley	0331	SO 7990 6560	SS	Astley	F.8.5	18.10.74	US
Sankyn Green BH	0350	SO 7940 6470	SS	Astley	F.8.5	05.02.75	US
Shrawley No 2	0364	SO 7990 6620	SS	Astley	F.8.5	04.09.74	US
St Marys Church (Shrawley)	0372	SO 8050 6470	SS	Astley	F.8.5	10.10.74	US
Yells Farm (St Michaels)	0373	SO 7700 6680	SS	Astley	F.8.5	22.08.73	US
Upper Fudges (Shrawley)	0404	SO 8000 6550	SS	Astley	F.8.5	10.10.74	US
Bishops Wood Substation	0035	SO 8360 6830	SS	Ombersley	F.8.6	11.02.74	US
Chatley (Caves Farm)	0073	SO 8510 6130	SS	Ombersley	F.8.6	06.02.73	US

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Hartlebury	0159	SO 8460 6950	SS	Ombersley	F.8.6	09.08.73	US
Lower Acton Farm	0239	SO 8470 6750	SS	Ombersley	F.8.6	15.11.73	US
Northampton (Woodfield Cott)	0279	SO 8370 6530	SS	Ombersley	F.8.6	14.08.73	US
Ombersley Borehole No 1	0291	SO 8370 6290	SS	Ombersley	F.8.6	13.03.73	US
Ombersley Well	0292	SO 8370 6260	SS	Ombersley	F.8.6	21.11.73	US
Pipstile Farm (Uphampton)	0317	SO 8350 6460	SS	Ombersley	F.8.6	15.11.73	US
Awford Lane	0456	SO 8450 6570	SS	Ombersley	F.8.6	04.03.73	US
Cow Lane DT	0466	SO 8460 6600	SS	Ombersley	F.8.6	04.03.81	US
Ombersley Borehole No 2	0485	SO 8390 6360	SS	Ombersley	F.8.6	22.07.81	US
Burcott Lane	0059	SO 9680 7160	SS	Bromsgrove	F.8.7	04.07.73	US
Fairfield No 1	0124	SO 9540 7560	SS	Bromsgrove	F.8.7	17.01.73	US
Fairfield No 2	0125	SO 9560 7560	SS	Bromsgrove	F.8.7	19.02.75	US
Sanders Park	0349	SO 9530 7080	SS	Bromsgrove	F.8.7	12.07.78	US
Stoke Prior	0379	SO 9840 6950	SS	Bromsgrove	F.8.7	19.02.75	US
Tickeridge Farm	0392	SO 9420 7070	SS	Bromsgrove	F.8.7	24.09.74	US
Anthony's Cross (Little Cugley)	0004	SO 7200 2350	SS	Oxenhall	F.9.1	29.01.73	LS
Beehive Cottage	0026	SO 7210 2510	SS	Oxenhall	F.9.1	29.01.73	LS
Botloes Farm	0043	SO 7200 2880	SS	Oxenhall	F.9.1	22.08.74	LS
Brand Green	0047	SO 7400 2820	SS	Oxenhall	F.9.1	12.03.73	LS
Compton House	0090	SO 7350 2870	SS	Oxenhall	F.9.1	16.08.76	LS
Hayes Farm (Botloes Green)	0162	SO 7260 2920	SS	Oxenhall	F.9.1	19.02.73	LS
Hilltop	0177	SO 7310 2630	SS	Oxenhall	F.9.1	07.05.73	LS
Keeper Cottage	0204	SO 7430 2930	SS	Oxenhall	F.9.1	29.04.74	LS
Lock Cottage (Oxenhall)	0232	SO 7130 2660	SS	Oxenhall	F.9.1	19.03.73	LS
New Barns	0266	SO 7310 2800	SS	Oxenhall	F.9.1	25.06.73	LS
Pella Farm	0307	SO 7030 2800	SS	Oxenhall	F.9.1	12.11.73	LS
Poolhill	0318	SO 7290 2930	SS	Oxenhall	F.9.1	29.01.73	LS
Redmarley Village Well	0334	SO 7520 3060	SS	Oxenhall	F.9.1	29.01.73	LS
Stores Cottage	0381	SO 7170 1970	SS	Oxenhall	F.9.1	30.04.73	LS
Summerville Cottage	0384	SO 7310 2930	SS	Oxenhall	F.9.1	15.02.74	LS
Waterdine	0411	SO 7070 2820	SS	Oxenhall	F.9.1	22.10.73	LS
Wyatts Cottage	0448	SO 7030 2530	SS	Oxenhall	F.9.1	08.02.74	LS

TABLE 17 CONTINUED

NAME OF BOREHOLE	REF NO	GRID REF	AQUIFER	GROUNDWATER UNIT	UNIT CODE	COMMENCEMENT OF RECORD	MONITORING AREA
Donnington Hall	0108	SO 7160 3380	SS	Bromsberrow	F.9.2	29.10.73	LS
Easingthorpe Hall	0116	SO 7440 5720	SS	Martley	F.9.5	04.06.80	US
The Laurels	0217	SO 7560 6000	SS	Martley	F.9.5	04.06.80	US
Aylton	0015	SO 6620 3780	DE	Minor Aquifer-LS	24-LS	11.03.80	LS
Stocks Farm (Suckley)	0376	SO 7217 5115	DE	Minor Aquifer-LS	24-LS	22.05.80	US
Slead Green House	0370	SO 8623 6784	MM	Minor Aquifer-LS	24-LS	15.11.78	US
Cannop Cross	0067	SO 6090 1160	CM	Forest of Dean	D.9.2	13.02.79	LS
Sallow Valletts	0348	SO 6040 0139	CM	Forest of Dean	D.9.2	08.06.79	LS
Tiddington	0393	SF 2250 5990	SS	Avon (Confined)	F.9.4	08.10.79	LS
Alcester Road	0524	SP 1940 5510	SS	Avon (Confined)	F.9.4	06.09.88	LS
Flowers	0525	SP 1990 5560	SS	Avon (Confined)	F.9.4	06.09.88	LS
New House Farm	0269	SP 3316 8567	PC	Coventry	D.9.3	09.06.71	LS
Courtaulds (Little Heath)	0512	SP 3489 8260	PC	Coventry	D.9.3	21.06.84	LS
Jaguar (Radford)	0513	SP 3326 8083	PC	Coventry	D.9.3	21.06.84	LS
Coventry Dairy	0520	SP 3489 8016	PC	Coventry	D.9.3	01.09.87	LS
Rolls Royce (Quinton Rd)	0521	SP 3359 7829	PC	Coventry	D.9.3	01.09.87	LS
Stoney Road	0522	SP 3332 7813	PC	Coventry	D.9.3	01.10.88	LS
Peugeot Cars (Little Stoke)	0523	SP 3510 7830	PC	Coventry	D.9.3	01.01.90	LS
Montgomery Platings	0519	SP 3409 7904	PC	Coventry	D.9.3	03.09.87	LS
Ram Hall	1219	SF 2470 7830	PC	Meriden	D.9.4	05.09.73	LS
Church Lane	0078	SP 2970 8508	PC	Meriden	D.9.4	28.04.72	LS
Broad Lane	0049	SP 3062 7870	PC	Kenilworth	D.9.5	28.04.72	LS
Ivy Farm	0202	SP 3083 7673	PC	Kenilworth	D.9.5	28.04.72	LS

SS Sherwood Sandstones
 PC Permo-Carboniferous
 CM Coal Measures
 DE Devonian
 [MM: Minor Aquifer]

* Indicates additional observation boreholes which are read in the unit as a part of the Shropshire Groundwater Scheme



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