N. Morris

ENVIRONMENT AGENCY SOUTH WEST REGION

ENVIRONMENT AGENCY

1998 ANNUAL HYDROMETRIC REPORT

Environment Agency
Manley House, Kestrel Way
Sowton Industrial Estate
Exeter EX2 7LQ
Tel 01392 444000
Fax 01392 444238 GTN 7-24-X 1000

V

ENVIRONMENT AGENCY
SOUTH WEST REGION

1998 ANNUAL HYDROMETRIC REPORT

Environment Agency
Manley House, Kestrel Way
Sowton Indutrial Estate
Exeter EX2 7LQ
Tel: 01392 444000
Fax: 01392 333238

TABLE OF CONTENTS

HYDROMETRIC SUMMARY AND DATA FOR 1998

TABLES

FIGURES

MAPS

Foreword

The 1998 Hydrometric Report is the fourth document of its kind to be published since the Environment Agency assumed responsibility for hydrometric data in the South West Region. The document is one of a series of reports produced on an annual basis, by the staff of the Environment Agency.

The report is designed to act as a reference for the year and to give an indication of the type and availability of data that can be obtained from established measurement stations. The document provides listings of river level and flow stations, groundwater boreholes and rainfall gauges maintained by the region, with maps to identify their locations. Only sites where hydrometric staff are responsible for data collection and processing have been included in this report. A brief hydrometric review, list of key hydrometric contacts and details of reporting options available to users, are also covered, to help staff tailor information requests. The hydrometric data quoted in the report represents the combined efforts of the hydrometric field staff, who maintain the stations and undertake vital calibrations and staff involved with processing and archiving the data for future use.

Hydrometric data can be provided to members of the public and external organisations by writing to the Environment Agency or by telephone request. Requests or advice regarding the provision of data not included within this report should be directed to Area hydrometric staff or to the Regional Hydrological section at Exeter. Please forward any comments regarding the content or format of this report to Tamsin Howels (Telephone 01392-44-2086) or Keith Garrett (Telephone 01392 442079).

1.0 INTRODUCTION

Feedback from the 1997 Annual Report evaluation questionnaires suggest that some content and structural changes are required in order to meet new challenges. Changes to the report will be programmed into a running schedule over the next few years, a chapter will summarise this strategy in the 1999 report. Due to the varying data requirements of report recipients, it was concluded that the document should be divided into an historic reference catalogue, delivered every other year, and an annual summary. The 1998 Report focuses on currently operating sites only. The reference catalogue is to be developed for the 1999 issue, with a view to including additional site summary data and closed surface water gauging site listings and locational maps. Additional features of subsequent reports are to include isohyetal rainfall charts, notable flooding/low flow events, catchment boundaries and the availability of naturalised flow records. The 'Notable Flows' list has been removed from the 1998 report, as has the gauging station classification list which at present has a low level of accuracy.

A number of new initiatives were implemented in 1998, including the migration of hydrometric site reference data into the Geographical Information System (G.I.S.) Arcview. This data is available to G.I.S. users across the Region and staff with access to MapExplorer. Convergence of Hydrolog, Rainark and Gaugeman archiving systems continued, regional accessibility of Hydrometric information has further been enhanced by the migration of Hydrolog and GWARK (Groundwater Archives) data onto the Regional server. Current meter gauging information from all four areas has been migrated from GWARK, Gaugeman and an Access 2 database into the national B.I.S. spot flow gaugings database (S.F.M), which is now available to users with Access 97. A Service Level Agreement (S.L.A) for the provision of hydrometric data is in operation between hydrometric staff and the Client Board. The S.L.A. specifies the sites at which data will be available on the archives, time scales set and data accuracy are also specified. Further information relating to the S.L.A. is available from the Senior Hydrologist and members of the Client Board.

The 1998 report has been compiled by the Regional hydrological section with support from Area hydrometric colleagues in the compilation and verification of the hydrometric site inventories.

1.1 Hydrometric Staff Contacts

Hydrometric staff, based in the South West Region, are listed below by office. The principal points of contact in each Area are the Team Leaders of the Water Resources sections and the Senior Hydrologist at the Regional office.

Area and Regional Hydrometric Contacts

Cornwall Area:		**Ext. No**
Graeme Boyce	Water Resources Team Leader	5058
Roger Bailey	Water Resources Officer	5030
Stephen Marks	Hydrologist	5066
Ian Barker	Hydrometric Officer	5035
Chris Ridge	Hydrometric Officer	5032
Suzanne Fuller	Hydrometric Officer	5031
Gill Dawes	Water Resources Licensing Assistant	5021
Devon Area:		
Ann Riley	Water Resources Team Leader	6061
Paul Mason	Water Resources Officer	6062
Anne Kemlo	Hydrologist	6063
Chris Beer	Hydrometric Officer	6063
Mike Sampson	Hydrometric Officer	6064
Tom Walling	Hydrometric Officer	6066
Jenny Bartlett	Hydrometric Officer	6065
Liana Smeath	Water Resources Assistant	6067
Vanessa Roberts	Water Resources Assistant (temporary cover)	6067
North Wessex:		
Robin Callender	Water Resources Team Leader	4536
Paul Garner	Water Resources Officer	4725
Anna Wesselink	Hydrologist	4574
Lloyd Jones	Hydrometry Officer	4723
Mark Keyford	Hydrometric Officer	4723
Katherine Grose	Hydrometry Officer	4723
Mike Weymouth	Assistant Hydrometric Officer	4791
Michael Clapperton	Hydrometric Assistant	4723
Andy Gregory	Hydrometric Assistant	4534
Carol Langley	Hydrometric Assistant	4537
Dennis Male	Hydrometric Assistant	4723
Regional Office:		
Keith Garrett	Senior Hydrologist	2079
Tamsin Howels	Hydrological Data Officer	2086
South Wessex:		
Geoff Hardwicke	Water Resources Team Leader	3358
Sue Pulman	Water Resources Officer	3322
John Phillips	Hydrologist	3440
Gareth Varney	Hydrometric Officer	3306
Damian Mason	Hydrometric Officer	3326
Jim Wregglesworth	Hydrometric Officer	3330
Stuart Goodman	Hydrometric Officer	3352

1.2 South West Region Hydrometric Network Overview

The South West region covers 20,802 square kilometres and features over 10,000 kilometres of main river. The main hydrometric network consists of 186 flow gauging stations; 305 groundwater stations and 560 rainfall stations in the South West Region. A further breakdown of the numbers of different types of station is provided in Table 1.0. In addition, 23 special investigation sites were in operation during 1998. Hydrometric staff undertook approximately 2658 gaugings during 1998.

Figure 1.0 shows the spatial variation in 1961-1990 annual long-term average rainfall totals across the region, together with rainfall totals for 1998, these are expressed as a percentage of the long term average within each M.O.R.E.C.S. (Meteorological Office Rainfall and Evaporation Calculation System), 40km grid square. The majority of annual rainfall totals within each M.O.R.E.C.S square are above the 1961-1990 long-term average. Rainfall totals in Devon and Cornwall are generally higher than those in Wessex, river flows also have a flashier regime, responding rapidly to rainfall. The highest annual rainfall totals of up to 2200mm occur on Dartmoor and Exmoor. Groundwater represents an extensive and important resource within Wessex, this contrasts to Devon and Cornwall where groundwater resources are only locally important.

Table 1: SOUTH WEST REGION - STATISTICAL SUMMARY

RAINFALL

Type	South West	South Wessex	Devon	Cornwall	North Wessex
TOTAL	560	84	193	90	193
Intensity - telemetred	54	19	0	0	35
Intensity - non telemetred	20	0	5	6	9
Storage	486	65	188	84	149

GROUNDWATER

Type	South West	South Wessex	Devon	Cornwall	North Wessex
TOTAL	305	126	83	0	96
Dip only-weekly dip	4	0	0	0	4
Dip only-fortnightly dip	42	0	25	0	17*
Dip only-monthly dip	208	114	26	0	68
Dip only-intermittent dip	7	0	0	0	7
Telemetred	3	3	0	0	0
Charts	32	9	23	0	0
Datalogger	9	0	9	0	0

*bi-monthly not fortnightly

RIVER FLOW SITES
(including level processed to flow)

Type	South West	South Wessex	Devon	Cornwall	North Wessex
TOTAL	186	46	50	38	52
Chart only	57	7	22	17	11
Telemetry/chart	126	38	28	21	39
Telemetry only	3	1	0	0	2

RIVER LEVEL ONLY
(where hydrometric staff are involved)

Type	South West	South Wessex	Devon	Cornwall	North Wessex
TOTAL	29	12	0	0	17
Chart only	17	3	0	0	14
Telemetry/chart	5	2	0	0	3
Telemetry only	7	7	0	0	0

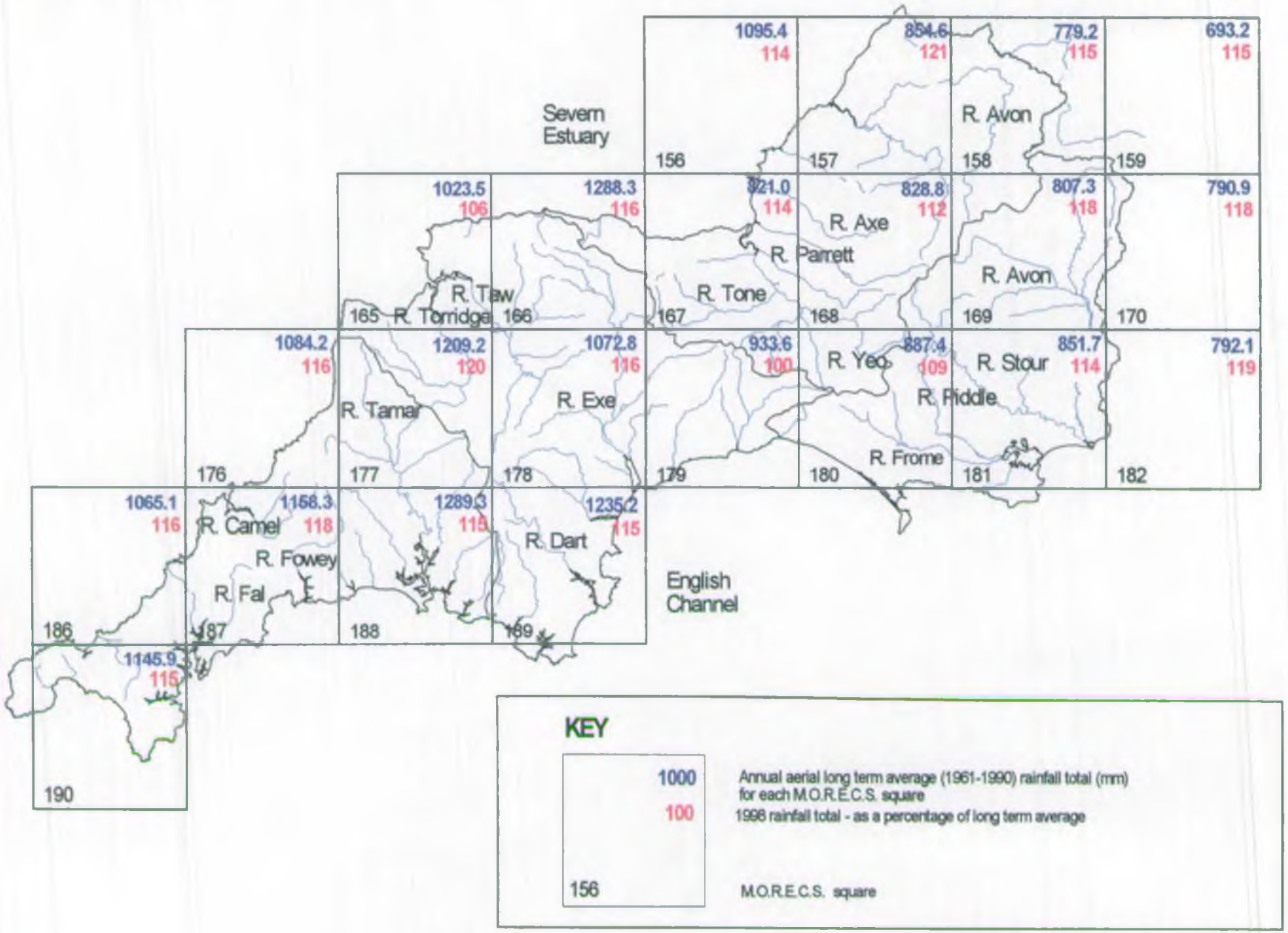
TIDAL

Type	South West	South Wessex	Devon	Cornwall	North Wessex
TOTAL	4	2	2	0	0
Telemetred	2	2	0	0	0
Non-telemetred	2	0	2	0	0

SPECIAL INVESTIGATION SITES

South West	South Wessex	Devon	Cornwall	North Wessex
23	0	15	8	0

Figure 1: Spatial variation in Annual Long Term Average and 1998 Areal Rainfall Totals (Data supplied by the Meteorological Office).



2.0 HYDROLOGICAL SUMMARY

2.1 Annual Summary 1998

The regional rainfall total for 1998 was slightly above normal at 113% of the 1961-90 long-term average (111% of the L.T.A. was recorded in Devon and Cornwall and 115% in Wessex). The early months of 1998, with the exception of February which received only 22% of the L.T.A, were influenced by a run of remarkably wet conditions. Rainfall totals between May and August alternated between wetter and drier than average months: May and August recorded significantly below average rainfall, at 58% and 47% of the L.T.A. respectively (based on Meteorological Office data Table 5.0), while April and June were particularly wet, in the order of double the long-term average. The April rainfall was particularly beneficial, sustaining aquifer recharge, this lifted the water table from the antecedent cumulative rainfall deficit since March 1995. The second half of the year also contained some notable rainfall totals, with September and October receiving 133% and 182% of average, respectively.

As might be expected from the above average rainfall, river flows were significantly above their seasonal averages for most of the year. Table 2.0 provides monthly mean flow and long -term average statistics for key indicator stations in the South West. Flows at 20 of the 24 indicator stations were above 106% of average for 7 months of the year. In spite of notable flooding in other regions at Easter no severe flooding occurred in April or June, despite the high rainfall in all catchments. Significant flooding events did occur around the 24th and 31st of October and between the 22nd and 31st of December, due to the combination of heavy rain falling on saturated catchments.

Variations in regional soil moisture deficits (S.M.D's) during 1998 are shown in Figure 2.0. Soil moisture deficits were generally below average for most of the year. Notable deviations from the L.T.A. occurred in April, June, July and November, when due to the run of wet months soil moisture deficits were typically half the seasonal average. However, the S.M.D.'s in February, May and August reflected the drier than average conditions and deficits rose above the long-term average. The variation in reservoir storage available to the 3 water companies in the region are shown for information in Figure 3.0. The healthy recharge during the 1997/98 winter resulted in reservoir storage for South West Water, Wessex Water and Bristol Water generally remaining significantly above average throughout 1998. The only exception to this was February when South West Water storage fell below the L.T.A.

2.2 1998 Monthly Hydrological Summary:

This section provides a more detailed summary of the water resources situation on a monthly basis.

January

The improvement in water resources over early winter continued into January leaving many catchments saturated. The majority of rain (over 65%) fell in the first week and was associated with strong to hurricane force winds, mild and unsettled conditions prevailed until mid-month when anti-cyclonic conditions produced a colder, drier episode. Regional rainfall totals reached 108% of the long-term average (L.T.A), the highest 24-hour rainfall total was 54mm, recorded on 1st January at Princetown. Frontal rainfall events maintained high river levels for the first week, causing some flooding. The respite in rainfall towards the end of the month led to subsequent recession. Flows at individual indicator stations ranged from 109% to 220% of average. The combined impact of the early January rainfall and wet antecedent conditions resulted in a considerable number of stations with new period of record maximum daily mean flows, including a number of stations with records going back to the 1950's and 1960s such as Thorverton (1956) and Torrington (1960). Groundwater levels were generally above average for the time of year due to minimal soil moisture deficits and the abundant infiltration that continued into early January, providing ideal conditions for groundwater replenishment. Reservoir storage's increased steadily throughout January at an average rate of 6% of total storage. By the end of the month stocks were above the long-term average for all 3 major companies - South West Water 85%, Bristol Water 98% and Wessex Water 100%, of total storage.

February

Exceptionally dry conditions characterised much of February and rainfall for the Region reached only 22% of the long-term average. The only days that experienced significant rainfall totals were the 6th, 20th and 21st of the month, of these, the highest daily total was just 12.6mm, recorded on the 6th at North Hessary. River flows generally peaked in the first week and were in recession for the rest of the month. Stations recorded well below average flows for the time of year, ranging between 18% of the L.T.A at Umberleigh, Devon and 89% of the L.T.A. at Sydling St. Nicholas, South Wessex (for a chalk stream the latter value is relatively low). Many sites established new lowest mean monthly flows for February. Catchments reliant on groundwater contribution exhibited a lagged response to the limited rainfall. The rainfall deficit reduced the spate of groundwater recoveries and levels were in steep decline during February. Soil moisture deficits experienced, unusually, only marginal fluctuation. Overall reservoir stocks remained healthy, storage available to South West Water decreased slightly from 85% to 83% by month-end, Wessex Water and Bristol Water experienced similar reductions from 100% to 96% and 98% to 94%, respectively.

March

Frontal systems moved from the West across the Region bringing heavy rainfall during the beginning of March, the highest daily rainfall total was 100mm reported at Princetown on the 3rd of the month. Rainfall totals at indicator stations varied between 79% and 226% of average. The areal rainfall total exceeded the long-term average (138%), extending the period of aquifer recharge and postponing reservoir depletion. Heavy rainfall events in the first and last week of March triggered minor flood events, rivers had generally peaked by the 7th and were in recession until the 26th. Dry conditions prevailed mid-month slowing the recovery of groundwater levels and surface water flows. A number of indicator stations recorded new maximum daily mean flows and highest instantaneous flows. At month-end flows for the Region remained significantly below the seasonal average at 87%. Soil moisture deficits rose to above average levels in response to the dry interlude, before declining to near field capacity by the 31st.

April

April was a remarkably wet month, characterised by rainfall on most days. Provisional figures suggest that the only comparable rainfall totals for April over the last four decades were during 1961 and 1966. The regional rainfall total was more than double the long-term average (209%). However, no severe flooding occurred, predominatly due to the even distribution of rainfall over the course of the month, and only 14 Yellow fluvial warnings were issued for the Region as a whole. Rainfall totals recorded at individual indicator stations varied between 97% and 268% of average, the highest daily total being 27.6mm at Culdrose on the 28th of the month. From a groundwater perspective the prolonged rainfall was particularly beneficial, the late surge of aquifer replenishment leaving most water tables within their normal range for the time of year. Soil moisture deficits across the region were suppressed, remaining near field capacity. Surface water flows recovered steadily throughout April, reaching maximum levels at the end of the month. Indicator stations recorded mean monthly flows that were well above average, 168% overall for the South West. Reservoir stocks available to the 3 water companies increased and storage's remained well above their seasonal long-term averages.

May

A mild, relatively dry month dominated by persistent anti-cyclonic conditions. The regional rainfall total was just 62% of the seasonal long-term average. The highest totals were generally recorded on the 13th in Wessex and on the 28th and 30th in Devon and Cornwall. A particularly severe thunderstorm on the night of the 13th caused localised urban flooding in parts of Dorset, with totals of up to 25mm falling in a few hours. Soil moisture deficits increased very rapidly during May and by month-end the average SMD had risen from near zero to 59mm. By the end of May there was considerable variation in aquifer storage, most groundwater levels remained near or above average for the time of year despite the below average rainfall. Limited rainfall also produced sustained surface water recessions in most catchments, despite more unsettled weather towards the end of the month. However, high flows at the beginning of the month, resulting from April's higher than average rainfall, impacted upon May's mean monthly flows, which averaged 97% of LTA for the region. New maximum instantaneous flows were established for a number of Wessex indicator stations on the 13th May, including Bishops Hull (1961) and Lovington (1964). Mean flows at indicator stations ranged from 42% to 167% of the May average. Reservoirs experienced a steady decline in stocks, but overall storage remained healthier than at the same time last year.

June

Following the benefits of an extremely wet April, which brought a second recharge period late in the season, June was another particularly wet month, provisionally the third wettest June for the region since 1961. The regional rainfall total was 214% of the monthly L.T.A and totals at indicator stations ranged from 134% to 276% of average. June was dominated by unsettled weather with a series of weather fronts crossing the region some sites recorded as few as five dry days during the month and totals for the last week were especially high. The highest rainfall totals, in comparison to long-term averages, occurred in a band covering South West to North East Devon. The highest daily total at the indicator stations was 40.4mm recorded at North Hessary on the 26th of the month. Soil moisture deficits declined from an areal average of 43mm to 27mm. Catchments benefited from the high rainfall and mean monthly flows for the region were well above the average at 187%. Surface water flows experienced only slight fluctuation throughout June, although spate conditions towards month-end further boosted monthly runoff totals to well above average. Mean monthly flows at indicator stations ranged from 93% of the LTA at Restormel to 436% at Umbereligh. New maximum instantaneous flow records were recorded at a number of sites around the 26th and 27th including Amesbury which has been recording flows since 1965. Maximum daily mean flows were also established at several sites. Most aquifers retained a healthy status although the majority of levels at groundwater indicator sites were in slow, but steady recession. Reservoir stocks remained relatively constant, storage available to Wessex Water, Bristol Water and South West Water all being well above the long term average.

July

After a relatively dry start to July, the unsettled conditions which have typified most of the summer, continued, bringing a further boost to the water resources situation. Rainfall was recorded on most days, with the highest totals falling around mid-month on the 11th, 15th and 20th July. The regional rainfall total was 132 % of the monthly LTA, North Wessex, however, received below average rainfall at 84% of the LTA. The highest daily total was 41.2mm recorded at North Hessary on the 11th of the month. Rainfall spread throughout the month served to slow surface water recession, reducing demand for water and supporting river flows. Notably high July totals were reported for many catchments, a number of index gauging stations establishing new maximum monthly means and instantaneous flows around the 12th and 20th July. Mean monthly flows for the region remained well above the L.T.A. for the time of year (172%) with flows varying from 79% of the monthly L.T.A. at Great Somerford, to 397% at Umberleigh. By month-end average soil moisture deficits for Devon and Cornwall had fallen to just 14mm, this contrasts to the average deficit of 68mm attained in Wessex. As usual in mid-summer no significant recharge was registered to the major aquifer units and groundwater levels remained close to their seasonal averages. Atworth (Upper Bristol Avon) recorded the highest groundwater level for July (5.072m) since records began in 1972. Reservoir storage's declined slightly in line with seasonal expectations, stocks available to South West Water experienced minimal fluctuation. Overall total storage available at the end of the month was 92.8% for South West Water, 88.5% for Bristol Water and 92.4% for Wessex Water.

August

A particularly dry month, anti-cyclonic conditions resulting in a warmer, sunnier spell. The total rainfall for August amounted to only 52% of the monthly L.T.A, with some stations receiving under 15mm rain. The provisional North Wessex rainfall total for August (25.3mm average) ranks as the third driest since 1956, 1995 (10.4mm) and 1991 (17.8mm) receiving lower totals, despite this the last 12 months rainfall totals exceeded the average in the South West Region. Rainfall events occurred on the 3rd, 20th, 23rd and 31st of August, marking unsettled conditions, with a maximum 24 hour total of 30.5mm being recorded at Princetown on the 23rd. Monthly rainfall totals varied sporadically from 12.7 mm at Exminster to 103.8mm at North Hessary, the variations being due to the largely showery nature of the rainfall events experienced. Soil moisture deficits built up rapidly in response to low rainfall, doubling from an areal average of 40mm on 28th July to 82mm by the end of August. Devon and Cornwall reached an average deficit of 58mm, this contrasts to the average deficit of 107mm attained in North and South Wessex. Deficits for individual M.O.R.E.C.S squares ranged from 39mm to 151mm across the region. Groundwater levels at indicator stations continued to be in slow recession but at months-end were close to their respective seasonal averages. August's rainfall deficit served to steepen the surface water recession throughout most catchments, mean monthly flows fell below the average for the time of year (91% overall for the South West). River flows benefiting from the heavy recharge to chalk catchments earlier in the year were around 90% of average. Reservoir stocks declined during August, nonetheless overall stocks remained fairly healthy and storage available to Wessex Water, Bristol Water and South West Water were well above their respective L.T.A's. Overall total storage available at the end of the month was 88.2% for South West Water, 79.1% for Bristol Water and 79.7% for Wessex Water.

September

The month started unsettled and sustained rainfall, brought by rain bearing frontal systems, predominated. This was followed by a notable dry spell between the 17th and 24th before unsettled conditions returned towards the end of the month. The regional rainfall total was 129% of the monthly L.T.A. Heavy showers were experienced on the 6th, 7th, 29th and 30th September, with monthly rainfall totals ranging from 72.2mm at North Brewham to 225.2mm at North Hessary. A centre of low pressure settled over South West Cornwall and resulted in heavy localised showers in South and East Devon on the night of the 30th September to 1st October - 60-70mm were recorded in just 24 hours close to Ottery St. Mary. Accumulated totals over the previous three months (July – September) were generally a little below the 1961-1990 average (99% for the South West), however, accumulated totals were much healthier over the summer half-year (April-September).

September (cont.)
Soil moisture deficits declined unevenly across the region, reaching an areal average of 42mm by month-end. Moisture deficits for individual M.O.R.E.C.S. squares ranged from 0mm to 109mm across the South West, dry soil conditions prevailed predominantly in North and South Wessex.

Groundwater levels exhibited a mixed response to rainfall. Levels at most indicator wells remained close to their seasonal averages with several levels being significantly higher than at the same time last year, levels had yet to rise in Devon's Permo-Triassic Sandstone aquifers. September's rainfall generally arrested the recession in surface water flows. While monthly mean flows at the majority of the indicator stations remained below that expected for the time of year, the figures were much improved over September 1997. Flows ranged from 69% of the monthly L.T.A. at Pen Mill to 161% at Denham Ludbrook. The overall mean monthly flow for the South West amounted to 105% of the L.T.A. Around a dozen sites with relatively short records established new maximum daily mean and instantaneous flows near the beginning and end of the month. Despite a decline in reservoir stocks during September, storages were still well above average for Wessex Water, Bristol Water and South West Water reservoirs.

October
October was a wet month, characterised by persistent bands of showery activity and frontal systems bringing higher daily rainfall totals. Provisional figures suggest that October 1998 was the wettest October since 1987 for the South West. The regional rainfall total was 179% of the monthly LTA, with totals at indicator stations ranging from 94mm at East Mills, to 311.3mm at Princetown. Exceptional rainfall over the last 10 days of the month triggered widespread flood conditions, however, flood risk on the chalk catchments was low due to the seasonally low groundwater levels. The rainfall fell in two distinct events around the 24th and 31st, a total of 125 Yellow, 65 Amber and 16 Red warnings were issued across the Region over this period. The first event was caused by 10-12 hours of heavy rainfall (typically 30-50mm in Devon and Cornwall and 20-40mm in Wessex) falling on wet river catchments, as the catchments became saturated so the flooding during the second event was more severe. Sites on Exmoor received over 250mm of rain in the 12 days from October 21st to November 2nd, about twice the L.T.A. for these sites. The 12-day rainfall had a return period of around 100 years, this was much higher than the river flow, which had a return period of 5-10 years on the Exe.

Indicator stations recorded flows that were substantially above average across the South West, 186% overall for the region with mean monthly flows ranging from 104% of the L.T.A. at East Stoke, to 284% at Bathford. More than 80 sites established new maximum daily mean flows, predominantly on the 24th and 31st October, including Austins Bridge and Stoodleigh whose records commenced in 1958 and 1960, respectively. A comparable number of new maximum instantaneous flows were also recorded, including Thorverton whose records extend to 1956. Avon at Bathford recorded the highest October level since records began in 1975. Soil moisture deficits declined from an areal average of 42mm on the 30th September to 5mm by 28th October. Deficits for individual M.O.R.E.C.S squares ranged from 0mm to 62mm across the region by month-end, the higher value is misleading given the large numbers of flood warnings generated. Groundwater levels remained close to the long-term average. Reservoir storage available to all three water companies rose to well above the long-term average. Storage for Wessex Water and Bristol Water at months-end stood at the highest levels recorded for the time of year.

November
The regional rainfall total for November was relatively close to the average at 93%. Most of the rain fell in the first three weeks, monthly rainfall totals at the indicator stations ranging from 270mm at Winney's Down to 57.8mm at Cannings. The highest daily total was 26.8mm recorded at North Hessary on the 8th of the month. Soil moisture deficits were reduced to near zero (well below the monthly average) throughout much of November, at months-end deficits for individual M.O.R.E.C.S. squares ranged from field capacity to 34mm across the region. Spate conditions and flooding at the beginning of the month gave way to a

November (cont.)
recession in flows in most catchments during the last two weeks. Monthly runoff totals were generally well above average. Following the heavy autumn rainfall, mean monthly flows for indicator stations were above their seasonal averages, 174% overall for the South West. Mean monthly flows varied from 110% of the LTA at Ermington to 292% at Bathford. The Avon at Knapp Mill recorded the highest November level (199% of the L.T.A) since records began in 1975. Early in the month, on the 1st and 2nd, a number of new maximum daily mean flow records were established, including Semington whose records date back to 1953. The wet autumn produced near saturated conditions in most aquifer outcrop areas and groundwater levels generally recovered strongly to at or above average for the time. Levels in Permo-Triassic sandstone outcrops, for example at Bussels, were particularly high. Overall, groundwater resources have improved substantially over the last three months. Despite the lower than average rainfall, groundwater levels and river flows were considerably above average for the time of year as a result of the previous months rainfall. Reservoir storage's continued to increase throughout November. Total storage available for Wessex Water and South West Water rose from 99.1% to 99.7% and from 93.7% to 96.3% respectively between the 1st and 30th November. Storage levels for Bristol Water Plc increased during the same period from 84.7% to 94.9% but levels began to decline towards the end of the month.

December
Anti-cyclonic conditions prevailed at the beginning of the month, however, weather systems became increasingly vigorous as a succession of frontal systems crossed from the West producing mild and wet conditions and resulting in localised flooding. The regional rainfall total in December was 113% of the monthly LTA. Areal rainfall totals were higher than average in Devon (133%) and Cornwall (122%), while North and South Wessex received near average rainfall (102% and 97% respectively). The majority of the rain fell in the last two weeks, the highest daily totals being on the 22nd and on Christmas and Boxing day. Rainfall totals at indicator stations ranged from 65mm at Cannings to 339mm at Flat Tor. December began with most rivers in recession, however, recovery of runoff rates gathered momentum with bank full conditions and widespread spates occurring in the week following Christmas. A total of 59 Yellow, 25 Amber and 2 Red warnings were issued between the 23rd and 27th December. Both reds were in Somerset, one on the River Tone at Bradford on Tone and the other on the River Isle from Ilminster to Hambridge. Rainfall intensities were not high less than 40mm falling in 24 hours, but the catchments were saturated and susceptible to flooding. Most of the flooding from this event was due to runoff from saturated ground and not from main rivers. Mean monthly flows at indicator stations were generally within the average range for the time of year (111% overall for the South West). Mean monthly flows ranged from 87% of the LTA at Thorverton to 138% at Bathford. All soil moisture deficits were eliminated during December. Groundwater levels at the majority of indicator sites were above average and most were rising briskly. Wrington and Turnworth were exceptions and levels receded to 9.010m and 2.666m below their monthly L.T.A.'s respectively. At month -end the reservoir stocks were close to capacity, storage available to South West Water, Wessex Water, and Bristol Water being 98.5%, 99.8% and 98.1%, respectively.

More details on flood events can be found from the Flood Warning sections' records for flood events or from the Annual Flood Report for the 1st April 1998 to 31st March 1999.

3.0 SURFACE WATER GAUGING STATIONS

3.1 Network Overview

The primary source of information collected at the sites is water level, measured in the stilling well on site. This is continuously monitored and recorded by means of a shaft encoder attached to a solid state digital data logger, or a float and counter balance mechanism connected to a pen and chart recorder. At sites where flows are processed, levels are converted into flows using a stage-discharge relationship. The stage discharge curve can either be derived from a theoretical relationship for a particular type of measurement structure or weir, or from a set of current meter gaugings over a range of levels.

Ultrasonic and Electromagnetic sites are used where the stage-discharge relationship is not stable. Flows are derived by using sound pulses to measure mean velocities at specific depths at ultrasonic sites and by utilising proportional relationships between flow and electromotive forces, generated by flow passing over a coil in the river bed, at electromagnetic sites.

3.2 Station Listings and Summary Statistics

The current site listings, detailing reference information for each site, are presented by hydrometric area in Table 3.0. Reference numbers are the unique numbers used to identify the station records on the archives. Under the heading 'Control Section/Structure', 'VA' and 'TR' refer to the methods by which the rating curve is derived. 'VA' relates to measurements undertaken by current meter gauging, with discharges calculated by the velocity area method. Stations labelled TR incorporate gauging structures with known hydraulic characteristics from which a unique stage-discharge relation can be established. In addition to the location and reference information, summary flow information has been provided to outline the range and duration of flows at each site. Q_5, Q_{10}, Q_{90} and Q_{95} are the flows at each station that are exceeded 5%, 10%, 90% and 95% of the time, respectively. Gauge DMF, (Daily Mean Flow), measured in cubic metres per second, corresponds to the average of all the daily mean flows taken over the available period of record for the required station. Surface water station locations are shown in Map 1.

Table 3.2 presents updated long term average monthly mean flows for the period of record, together with monthly means, maximum and minimum daily mean flows and highest instantaneous flows for each site. Monthly mean flows for the period of record have been obtained from Hydrolog and calculated using data for the entire length of record. To avoid distortion, annual mean values for the same period are calculated using full years of data only. In addition to the primary networks a number of special investigations sites were also in operation during 1998. These are listed in Table 4.0. The methodology for gauging station classification is currently being revised to overcome some statistical bias, the new classification system will be reviewed and if acceptable will be applied to the sites in time for the next annual report.

Further flow information is provided within Figures 4.0, 4.1 and 4.2 where indicator stations for each area are used to exemplify the standard reporting options available from the archives.

4.0 GROUNDWATER STATIONS

4.1 Network Overview

The groundwater network in Devon & Cornwall is well established. The intensity of data collection and the coverage of the network has been refined to cover just the major aquifers that are utilised and their sub units. The network does not cover hard rock aquifers that are not utilised. A number of sites are monitored continuously using monthly charts to monitor licences. Many of the stations comprising the groundwater network in Wessex, however, have only been in existence for a few years and variations in groundwater levels are still being established. Given that the aquifers are more extensive, stations in Wessex are more numerous and are generally only dipped on a monthly basis.

Measurement intervals at groundwater boreholes within the hydrometric network vary from continuous, on autographic charts and logger sites, to manually investigated fortnightly and monthly readings. Groundwater data is available as an average daily level, for those sites with continuous monitoring, or as a fortnightly or monthly instantaneous spot level at sites that are just dipped. In addition to hydrometric staff taking measurements, voluntary observers undertake readings at 28 boreholes in Devon providing data returns on an annual basis.

4.2 Station Listings

The current groundwater sites are listed in Table 4.1. The listing shows all the sites for which the hydrometric staff maintain records and includes information on regional and local geology. Within each hydrometric operational area, stations are grouped on the basis of the geological period in which the main rock bearing strata, on which the sites are located, have been laid down. Altitude refers to the datum point on the surface from which the measurements of water level in the well/borehole are taken. Reference numbers are the unique numbers used to identify the station records on the archives. Type refers to well (W) or borehole (B). Reference data is also listed for groundwater investigation sites in Devon area. Groundwater support stations and spring gauges provide supplementary stream or spring flow data in areas where groundwater resources are used for public and private water supply.

5.0 RAINFALL STATIONS

5.1 Network Overview

Rainfall measurements are collected through a network of raingauges maintained and read primarily by voluntary observers. Rainfall is mainly recorded as a daily total, however some gauges, particularly in remote areas, such as Dartmoor and Exmoor, are checked monthly and only return monthly totals. Observers make data returns each calendar month to the hydrometric section. The returns for each gauge are input to the archive on Rainark and copies to the Meteorological Office by the 20th of the month, where quality control procedures are undertaken. The Meteorological Office undertake quality control of rainfall data on a national basis and data is returned 2 to 3 months later to be fully archived.

5.1 Network Overview (cont.)

A network of tipping bucket raingauges is also in operation, which allow interrogation of rainfall intensities. These raingauges have been included in the North and South Wessex listings as hydrometric staff visit these sites. In Devon and Cornwall the intensity gauge networks are currently primarily used operationally by Flood Warning staff and have not been included in the report as they are not maintained and quality controlled by hydrometric staff. Data for a further 11 sites distributed around Devon and Cornwall, are telephoned directly through to the EA from the Meteorological Office in Bristol as daily rainfall totals. These rainfall readings, together with those collected from the raingauge at Exminster House, Exminster, are used as daily rainfall indicator stations. The location of the current rainfall stations are shown in Map 3.

5.2 Station Listings and Summary Statistics

Current rainfall sites are listed, by operational hydrometric area, in Table 5.1. The Meteorological Office reference numbers are the unique numbers used to identify the station records on the archives. Station numbers on HIPS use the Meteorological Office (M.O) reference number with the prefix RF. National grid references and altitudes are shown for each station, together with the 1961-1990 long term averages, which is the national standard comparison period currently in use. Lengths of record available at each site are referenced by inclusion of the first year on record, at sites where archives do not span the standard L.T.A. period 1960-1990 the M.O. has provided interpolated values from nearby rain gauges. The frequency of observations has been derived from the annual Rainmaster listing of current sites supplied by the M.O. and an index of terms accompanies Table 5.1.

6.0 STANDARD REPORTING OPTIONS FROM CURRENT SYSTEMS

6.1 Introduction

Hydrometric archives have now been converged onto the Hydro-Logic suite of software, namely Hydrolog, Rainark and Gaugeman. The data archiving systems and standard reports for data analysis and presentation are briefly outlined to help staff tailor their information requests. Additional hydrometric reports and sources of information are also included for reference in section 7.0.

6.2 Surface Water

The number of sites in the South Western Region precludes providing detailed summary reports for all stations. Flow and level information for the region can be accessed through Hydrolog 2, a DOS based version and Hydrolog 3, a Windows version. Hydrolog 3 imports data from Hydrolog 2 and has enhanced output and graphical reporting options, it has also been designed to accommodate additional groundwater asset information. Special investigation sites (groundwater and surface water), monitored by dataloggers in Devon and Cornwall, are available on Hydrolog. Hydrolog 2 has a range of tabular and graphical reporting options, multi-station and multi-parameter hydrograph plots are possible with user-defined periods and scales through the 'Station Reports' menu option. Indicator stations have been selected from each of the 4 areas to indicate the range and nature of flows in the catchments and to illustrate some of the standard reporting options available (Figures 4.0, 4.1 & 4.2) 'Summary Report' options include monthly mean summaries (Figure 4.2). 'Long Term Comparison' reports are available from the 'Hydrological Statistics'

6.2 Surface Water (cont.)

menu in graphical format covering instantaneous flows, maximum and minimum instantaneous flows, daily mean flows and monthly mean flows for the period of record at stations (Figure 4.0). 'Daily Mean Duration/Frequency Analysis' reports within the 'Hydrological Statistics' menu can be reported as a flow duration curve or in tabular form (Figure 4.0). HIPS (Hydrological Information Processing System) format reports are still available from the Hydrolog system using the South West Reports module in the utilities module. These include annual (R143 report) and monthly (R106 report) summaries of river flow (Figure 4.1).

Current meter gaugings have all been migrated and are accessible on the S.F.M. spot flow measurements database. Figures are updated on a monthly basis and guest acccess is available to all users with Access '97.

6.3 Groundwater

Groundwater data for the whole region is now stored on Hydrolog. Groundwater data from special investigation sites is also stored on Hydrolog. Hard copy lists of the data can be printed from the system.

6.4 Rainfall

Rainfall information is stored on Rainark throughout the region. As with Hydrolog, the graphical and tabular reports can be user defined. Standard reporting options include hourly totals for months, daily totals for years and monthly totals for decades, within screen graph reports. Information can be exported as hard copy or as spreadsheet compatible files.

7.0 ADDITIONAL SOURCES OF INFORMATION

7.1 Scope

SCOPE provides the latest data from the telemetered river and rainfall stations. The system can only access recent data (up to 100 days), this is not quality controlled. Flow information is available for North and South Wessex, whilst only level data is currently available for Devon and Cornwall.

7.2 Meteorological Office Rainfall and Evaporation Calculation System (M.O.R.E.C.S.)

Weekly and monthly summaries of M.O.R.E.C.S data are received from the Meteorological Office and stored as hard copy and in electronic format at the regional hydrometric office at Exeter. Copies of the weekly and monthly data are faxed to the area offices. Weekly information is provided for Rainfall (R), Potential Evaporation (P.E), Actual Evaporation (A.E) and Soil Moisture Deficit (S.M.D) for each M.O.R.E.C.S square in the South West region. Monthly summaries feature figures for S.M.D.(mm), P.E. (mm), Effective Precipitation (E.P), A.E. (mm), Stress (ST), (S) Sunshine (hours), (T) Temperature (°C), (V.P.) Vapour Pressure (mb), (W.S.) Wind Speed (miles/day) and rainfall (mm). Weekly and monthly M.O.R.E.C.S 2 information, together with long term averages, is available for all squares from January 1961 onwards.

7.3 Reservoir Storages

Reservoir storage information is received from South West Water Plc, Bristol Water Plc and Wessex Water Plc each week by regional hydrometric staff. Reservoir storage data is available for South West Water Plc from January 1966, Bristol Water Plc from January 1989 and Wessex Water Plc from January 1975.

7.4 Water Situation Reports

Information on the water resources situation in the South West is also available from the following routinely produced reports:

Regional Monthly Hydrometric Report: This is produced by regional hydrometric staff. The report provides a monthly overview on the current water resources situation for the whole South West region. It includes written, graphical and statistical summaries that compare the monthly totals recorded at indicator sites with long term averages. Rainfall totals, soil moisture deficits, current groundwater levels, surface water flows, total company reservoir storages and strategic reservoir storages are covered.

Water Resources Situation Update Report: During and following 'drought' periods an update report is produced on a weekly basis by regional hydrometric staff for as long as conditions require. This report contains current instantaneous flows, monthly mean flows, groundwater levels and reservoir storages and compares them against long-term averages.

Area Monthly Hydrometric Reports: are produced by North and South Wessex areas. These reports contain a written summary outlining the water resources situation, followed by graphs and tables to report rainfall, soil moisture deficit, groundwater, river flow and low flow information, applying a number of key indicator sites to cover the area in detail.

South West Water Situation Report: This is produced on a weekly basis and reports on demand in the supply areas, rainfall and flow indicator sites, reservoir storages, the groundwater situation and a 25 day forecast supplied by the Meteorological Office.

TABLES

SURFACE WATER GAUGING STATION DETAILS

Table 2.0: COMPARISON OF 1998 MEAN MONTHLY FLOWS WITH LONG TERM AVERAGES (January to June)

STATION	Jan	% LTA	Feb	% LTA	March	% LTA	April	% LTA	May	% LTA	June	% LTA	July	% LTA
Area: S. Wessex														
Amesbury	7.633	139	4.835	78	3.869	72	4.625	103	3.801	111	3.275	126	2.357	123
Colesbrook	1.108	129	0.423	51	0.532	74	0.548	97	0.362	85	0.480	120	0.33	106
East Stoke(W+F)	17.423	170	7.744	71	6.782	72	6.998	93	5.168	88	4.640	96	3.683	107
Knapp Mill	43.035	136	26.990	81	21.688	74	23.733	96	18.252	100	16.112	118	11.358	114
Sydling St. Nicholas	0.576	198	0.291	89	0.247	87	0.246	109	0.211	126	0.158	116	0.126	118
Throop	49.064	187	14.286	55	13.528	69	17.979	125	8.755	98	7.652	124	5.599	131
Area: Devon														
Austins Bridge	28.752	142	4.799	28	13.626	121	16.692	170	5.518	80	8.594	171	7.091	184
Ermington	4.305	133	0.734	25	3.044	129	2.555	175	0.780	79	1.700	201	1.409	207
Thorverton	44.080	148	5.508	22	27.002	144	28.084	212	7.499	92	14.133	240	11.429	242
Torrington	46.413	154	4.697	19	27.038	151	20.207	182	4.839	67	10.790	224	13.437	305
Umberleigh	50.444	139	5.196	18	29.993	144	28.899	202	6.436	75	11.600	211	14.828	308
Whitford	15.886	167	3.282	39	6.240	99	10.762	237	2.909	85	4.855	186	2.631	137
Area: Cornwall														
Denby	15.944	136	3.483	36	6.246	89	8.108	171	4.312	129	3.176	116	4.194	177
Gunnislake	59.192	130	7.996	22	28.379	112	29.084	175	9.470	89	11.566	163	15.443	245
Gwills	2.21	150	0.578	43	0.642	68	0.887	141	0.652	163	0.485	157	0.371	184
Ludbrook	16.905	140	2.966	33	10.003	145	11.634	213	3.662	118	8.443	274	7.649	283
Restormel	12.489	138	2.384	31	4.286	75	6.271	157	2.873	101	2.236	105	2.793	162
Truro	1.235	146	0.258	36	0.352	68	0.521	157	0.424	206	0.287	186	0.214	221
Area: N. Wessex														
Bathford	63.930	178	12.880	40	27.874	115	41.806	241	12.470	116	16.232	192	8.255	159
Bishops Hull	10.972	177	2.228	38	4.265	103	5.632	185	2.755	137	2.585	187	1.602	143
Great Somerford	11.059	158	2.044	33	5.503	118	5.795	190	2.214	103	1.525	105	0.757	81
Lovington	4.533	126	0.872	28	1.861	77	3.958	243	1.525	142	3.007	372	1.474	194
Pen Mill	8.218	157	1.078	24	2.434	71	3.832	180	1.072	76	1.015	106	0.714	119
Tellisford	9.685	137	1.976	31	5.043	96	7.474	201	2.610	106	4.209	240	2.501	189
No. of months with above average flows (>106%):		24		0		9		20		10		21		23
No. of months with near average flows (95% to 105%):		0		0		3		3		4		3		0
No. of months with below average flows (<94%):		0		24		12		1		10		0		1

Table 2.0: COMPARISON OF 1998 MEAN MONTHLY FLOWS WITH LONG TERM AVERAGES (July to December)

STATION	Aug	% LTA	Sep	% LTA	Oct	% LTA	Nov	% LTA	Dec	% LTA	1998	% LTA
Area: S. Wessex												
Amesbury	1.614	102	1.555	103	2.192	120	4.949	193	5.239	133	3.823	112
Colesbrook	0.254	89	0.259	90	0.909	223	1.021	180	0.890	111	0.595	112
East Stoke(W+F)	2.580	83	2.621	80	4.605	106	7.766	123	9.076	109	6.593	102
Knapp Mill	7.638	88	8.326	97	13.519	117	31.064	191	28.430	112	20.768	109
Sydling St. Nicholas	0.099	110	0.094	111	0.159	149	0.327	207	0.290	127	0.235	128
Throop	3.504	90	4.306	92	13.009	149	26.545	181	23.923	105	15.708	118
Area: Devon												
Austins Bridge	3.392	76	7.590	129	24.833	226	20.049	130	20.652	105	13.781	124
Ermington	1.636	191	1.420	127	3.818	191	2.911	108	4.041	124	2.294	123
Thorverton	4.806	78	7.586	87	43.654	257	34.412	147	28.062	93	21.488	135
Torrington	3.860	80	8.021	110	45.100	266	35.175	131	33.294	109	21.235	137
Umberleigh	4.569	83	9.028	107	52.443	271	42.722	141	34.539	95	24.394	134
Whitford	1.609	74	2.725	106	9.498	210	8.118	121	8.437	99	6.436	126
Area: Cornwall												
Denby	2.422	102	3.484	119	9.858	181	14.626	169	13.176	120	7.452	124
Gunnislake	6.528	83	9.832	89	45.077	204	53.516	149	43.989	100	26.834	120
Gwills	0.240	128	0.279	123	0.657	138	1.675	184	1.690	130	0.867	124
Ludbrook	3.232	115	5.215	155	13.017	190	13.928	137	13.462	113	9.222	143
Restormel	1.713	92	2.786	117	7.223	173	11.402	170	9.237	106	5.496	116
Truro	0.142	151	0.118	99	0.286	109	0.966	194	0.819	111	0.470	123
Area: N. Wessex												
Bathford	3.948	80	5.468	89	29.737	266	52.248	244	41.159	131	26.416	152
Bishops Hull	0.979	100	1.167	100	4.614	228	6.025	171	5.112	98	4.011	132
Great Somerford	0.531	77	0.631	71	3.909	192	8.397	214	6.515	105	4.090	127
Lovington	N/A	N/A	N/A	N/A	N/A	N/A	5.769	242	4.677	135	3.107	170
Pen Mill	0.440	69	0.605	71	3.296	171	4.479	129	4.872	108	2.686	109
Tellisford	1.300	98	1.416	81	7.771	276	8.658	185	6.813	105	4.974	133
No. of months with above average flows (>106%):		5		10		23		24		15		23
No. of months with near average flows (95% to 105%):		4		4		0		0		8		1
No. of months with below average flows (<94%):		14		9		0		0		1		0

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS
(Please note all flows are in cubic metres per second)

Hydrometric Area 43 (South Wessex Area) - River Lower Avon Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge D.M.F.	Q10	Q5	Catchment Number
All Hallows	Allen	SU-0240-1290	01.06.1989	Yes	433510	V Crump TR	36.3	0.075	0.082	0.488	1.263	1.611	35
Amesbury	Avon	SU-1510-4130	01.02.1965	Yes	432130	Crump TR	323.7	1.073	1.247	3.420	6.504	7.722	21
Bowerswain	Gussage Stream	SU-0070-1000	01.06.1989	Yes	433520	Rectangular Thin Plate TR	17.0	0.034	0.045	0.200	0.567	0.768	35
Brixton Deverill	Wylye	ST-8580-3810	01.01.1979	Yes	432310	V Crump TR	49.6	0.064	0.071	0.303	0.668	0.873	23
Codford	Chitterne Brook	ST-9710-4000	01.01.1972	Yes	432324	Crump TR	69.7	0.000	0.000	0.395	0.937	2.302	23
Colesbrook	Shreen Water	ST-8070-2780	01.12.1973	Yes	433110	Crump TR	29.1	0.186	0.206	0.533	0.997	1.419	31
East Mills Flume	Avon	SU-1580-1440	01.10.1963	Yes	432610	Flume TR	1477.8	4.964	5.521	9.535	15.520	17.555	28
East Mills Weir	Avon	SU-1580-1440	01.10.1965	Yes	432620	Crump & Fish Pass TR	1477.8	0.386	0.677	5.676	13.150	17.152	28
Hammoon	Stour	ST-8200-1470	01.03.1968	Yes	433410	Compound Crump TR	523.1	0.618	0.724	7.896	22.823	37.550	34
Hum Court	Moors	SZ-1260-9690	01.06.1989	Yes	433610	V Crump & Fish Pass TR	143.3	0.384	0.418	1.575	3.352	5.034	36
Knapp Mill	Avon	SZ-1560-9430	01.01.1975	Yes	432620	Ultrasonic	1706.0	6.159	7.300	19.033	38.148	44.982	28
Laverstock	Bourne	SU-1570-3040	01.10.1965	Yes	432410	Crump TR	163.6	0.187	0.236	0.721	1.330	1.768	24
Loverley Mill	Allen	SU-0060-0850	01.07.1970	Yes	433530	Crump & Related Hatches TR	94.0	0.169	0.203	0.984	2.429	3.152	35
North Newnton	Woodborough Stn	SU-1290-5750	27.09.1985	Yes	432105	V Crump TR	———	0.065	0.071	0.161	0.253	0.316	21
Norton Bavant	Wylye	ST-9090-4280	01.07.1971	Yes	432320	Crump TR	112.4	0.446	0.462	1.080	2.069	2.469	23
Nunton Bridge	Ebble	SU-1600-2630	05.12.1996	Yes	432520	EM Flow gauge	———	0.322	0.369	1.556	2.923	4.567	25
South Newton	Wylye	SU-0860-3430	01.01.1967	Yes	432330	Crump TR	445.4	1.138	1.326	3.993	8.298	10.330	23
Stockton Park	Wylye	ST-9750-3940	31.08.1994	Yes	432325	Electromagnetic	———	0.712	0.753	2.436	5.041	6.981	23
Throop	Stour	SZ-1130-9580	01.01.1973	Yes	433710	Compound Crump & Fish Pass TR	1073.0	2.561	3.096	13.316	30.000	42.282	37
Upavon East	E. Avon	SU-1330-5590	01.10.1971	Yes	432110	2x Crump TR	36.2	0.434	0.469	0.780	1.205	1.438	21
Upavon West	W. Avon	SU-1330-5590	01.10.1971	Yes	432120	2x Crump TR	76.0	0.108	0.139	0.655	1.513	2.060	21
Walford Mill	Allen	SU-0080-0070	01.11.1974	Yes	433540	Crump TR	176.5	0.295	0.401	1.828	4.350	5.320	35
Wide Comer	Allen	SU-0260-1080	23.04.1985	No	———	Rectangular Thin Plate TR	———	———	———	———	———	———	35
Wilton	Nadder	SU-0980-3080	01.01.1996	Yes	432210	Crump TR	220.6	0.920	1.029	2.819	5.651	6.950	22

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 44 (South Wessex Area) - River Frome and Piddle Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Baggs Mill	Piddle	SY-9140-8760	01.10.1963	Yes	444510	Flume TR	183.1	0.771	0.891	2.377	4.710	5.810	45
Briantspuddle	Piddle	SY-8220-9340	01.01.1992	Yes	444310	V Crump TR	111.6	0.157	0.219	1.688	4.163	6.708	43
Broadwey	Wey	SY-6660-8400	01.09.1975	Yes	446020	V Crump TR	7.0	0.087	0.100	0.309	0.648	0.766	60
Dewlish Pumping Stn.	Devil's Brook	SY-7790-9960	01.01.1995	No	440999	V Crump TR	——	0.003	0.006	0.079	0.205	0.307	42
Dewlish Village	Devil's Brook	SY-7780-9850	14.11.1997	Yes	444220	V Crump TR	——	0.000	0.001	0.146	0.276	0.917	42
Dewlish Woodsdown Cross	Devil's Brook	ST-7750-0020	01.01.1972	Yes	444210	Crump TR	20.3	0.021	0.025	0.113	0.257	0.362	42
East Bridge, Bridport	Asker	SY-4700-9280	21.02.1996	Yes	478301	V Crump	46.6	0.192	0.210	0.587	1.130	1.873	83
East Stoke Flume	Frome	SY-8660-8680	01.10.1961	Yes	445910	Flume TR	414.4	1.889	2.203	5.344	10.240	12.780	59
East Stoke Weir	Frome	SY-8730-8670	01.10.1965	Yes	445920	Crump TR	414.4	0.139	0.204	1.114	2.372	2.834	59
Hooke	Hooke	SY-5390-9990	01.06.1989	Yes	445210	V Crump TR	9.7	0.079	0.084	0.182	0.311	0.384	52
Little Bredy	Bride	SY-5870-8900	19.09.1973	No	——	Crump TR	2.9	——	——	——	——	——	70
Little Puddle	Piddle	SY-7190-9650	01.01.1992	Yes	444120	V Crump TR	34.8	0.011	0.018	0.202	0.387	0.769	41
Litton Cheney	Litton Cheney Stm	SY-5570-9090	01.06.1989	Yes	447010	Rectangular Thin plate TR	2.0	0.067	0.070	0.132	0.220	0.284	70
Loudsmill	Frome	SY-7080-9030	01.01.1969	Yes	445510	Crump TR	206.0	0.614	0.718	2.311	4.714	5.927	55
South House	Piddle	SY-7070-9910	01.01.1992	Yes	444110	V Crump TR	21.4	0.013	0.016	0.182	0.378	0.586	41
Stinsford	Frome	SY-7010-9070	01.01.1971	Yes	445520	Crump TR	206.0	0.190	0.243	0.721	1.292	1.601	55
Sydling St. Nicholas	Sydling Water	SY-6320-9970	01.12.1969	Yes	445410	Crump TR	12.4	0.062	0.071	0.183	0.363	0.429	54
Upwey	Wey	SY-6600-8510	01.05.1989	No	446010	V Crump TR	——	0.056	0.066	0.235	0.499	0.687	60
Watergates	Watergates Stm	SY-7400-8700	07.05.1976	No	——	3x V Crump TR	——	——	——	——	——	——	58
Winterbourne Steepleton	South Winterbourne	SY-6290-8970	01.12.1974	Yes	445610	V Crump TR	19.9	0.008	0.012	0.095	0.237	0.306	56
West Lulworth	West Lulworth Springs	SY-8230-8000	01.01.1975	No	——	Rectangular Thin plate TR	——	——	——	——	——	——	2
Wool	Wool Stream	SY-8480-8690	01.01.1975	No	——	V Crump TR	5.1	——	——	——	——	——	59

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 45 (Devon Area) - River Exe Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Bessom Bridge	Withiel Stream	SS-9803-3264	22.10.1992	No	SS93F030	Low Level Bed Control / VA	9.6	0.024	0.032	0.315	0.832	1.092	5
Broomhill	Broomhill Stream	SS-7636-0190	26.06.1988	No	SS70F064	Flume	——	0.002	0.002	0.013	0.032	0.045	5
Brushford	Barle	SS-9270-2580	07.04.1966	No	SS92F008	Natural Control/VA	-------	0.503	0.685	5.948	15.145	18.770	5
Coleford	Coleford Water	SS-7720-0080	02.06.1989	No	SS70F066	Natural Bed	-------	0.035	0.038	0.110	0.226	0.312	5
Cowley	Creedy	SX-9010-9674	23.03.1964	Yes	SX99F052	Natural Control / VA	261.6	0.322	0.405	3.684	8.879	13.699	5
Dotton	Otter	SY-0866-8843	20.09.1962	Yes	SY08F055	Low Level Bed Control / VA	202.5	0.937	1.038	3.102	6.248	9.734	4
Duckaller Weir B	Mowlish Stream	SX-9590-8030	31.12.1975	No	SX98F052	Rectangular	4.2	0.002	0.005	0.030	0.069	0.091	5
Duckaller Weir C	Mowlish Stream	SX-9596-8023	31.12.1975	No	SX98FO53	Flat Vee Weir	5.3	0.007	0.009	0.410	0.088	0.120	5
Fairmile	Tale	SY-0880-9716	06.09.1978	No	SY09F073	Natural Control / VA	34.4	0.108	0.126	0.410	0.814	1.249	4
Fenny Bridges	Otter	SY-1146-9858	31.08.1974	Yes	SY19F052	Low Level Bed Control / VA	104.2	0.511	0.572	2.067	4.371	6.861	4
Goosemoor	Back Brook	SY-0696-8925	01.04.1976	No	SY08FO53	Flat Vee Weir	3.7	0.002	0.002	0.039	0.076	0.135	4
Pixton	Exe	SS-9349-2594	28.04.1966	No	SS92F014	Natural Control / VA	159.7	0.626	0.832	4.440	11.074	14.157	5
Pophams Farm	Colaton Stream	SY-0722-8767	31.07.1973	No	SY08F051	Flat Vee Weir	5.0	0.014	0.017	0.047	0.083	0.125	4
Riggles Farm	Trib. to R. Otter	ST-1840-0940	05.03.1970	No	ST10F041	'V' Notch	-------	0.000	0.000	0.003	0.005	0.005	4
Rock	Trib. to R. Yarty	ST-2754-0248	16.04.1969	No	ST20F028	Flat Vee Weir	——	0.024	0.026	0.043	0.066	0.078	2
Salston	West Hill Stream	SY-0881-9454	01.05.1976	No	SY09FO51	Flat Vee Weir	2.8	0.008	0.009	0.030	0.057	0.079	4
Staplake	Staplake Stream	SX-9654-8139	31.08.1970	No	SX98F055	'V' Notch	2.0	0.003	0.003	0.010	0.017	0.019	5
Stoodleigh	Exe	SS-9429-1779	01.04.1960	Yes	SS91F008	Natural Control / VA	421.7	1.612	2.100	12.467	29.140	39.220	5
Stowford	Colaton Stream	SY-0588-8669	31.12.1973	No	SY08F052	Flume	1.0	0.001	0.001	0.005	0.006	0.008	4
Thorverton	Exe	SS-9360-0160	13.04.1956	Yes	SS90F011	Low Level Bed Control / VA	600.9	1.927	2.472	15.934	38.191	52.193	5
Trews Weir	Exe	SX-9226-9185	31.08.1978	Yes	SX99F053	Ultrasonic	1191.3	4.296	4.870	25.474	54.151	77.848	5
Upton	Haddeo	SS-9882-2888	28.01.1993	No	SS92F056	Low Level Bed Control / VA	7.5	0.012	0.020	0.203	0.564	0.741	5
Upton RB Trib	Trib to Haddeo	SS-9883-2897	10.02.1993	No	SS92F057	Low Level Bed Control / VA	1.5	0.002	0.003	0.050	0.123	0.164	5
Wayford	Trib. to R. Axe	ST-4091-0718	03.03.1969	No	ST40F008	Rectangular Notch	-------	0.003	0.004	0.006	0.008	0.009	2
Whitford	Axe	SY-2622-9530	05.11.1964	Yes	SY29F052	Compound Crump / VA	288.5	1.212	1.390	5.112	10.736	17.217	2
Wimbleball	Haddeo	SS-9642-2940	05.07.1979	Yes	SS92F053	Flat Vee Weir / VA	29.1	0.018	0.028	0.340	0.816	1.507	5
Woodmill	Culm	ST-0206-0579	29.01.1962	Yes	ST00F008	Low Level Bed Control / VA	226.1	1.013	1.151	3.673	7.624	11.677	5
Yalham Farm	Trib. to R. Otter	ST-2190-1500	18.04.1969	No	ST21F003	'V' Notch	——	0.003	0.003	0.004	0.005	0.006	4

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 46 (Devon Area) - River Dart Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Austins Bridge	Dart	SX-7512-6582	30.09.1958	Yes	SX76F051	Natural Control / VA	247.6	1.484	1.980	11.107	25.157	34.381	7
Bellever	East Dart	SX-6570-7753	31.03.1964	Yes	SX67F051	Natural Control / VA	21.5	0.188	0.234	1.233	2.706	4.123	7
Dunnabridge	West Dart	SX-6434-7420	30.11.1972	Yes	SX67F052	Low Level Bed Control / VA	47.9	0.330	0.424	2.514	5.757	8.354	7
Ermington	Erme	SX-6420-5320	31.12.1973	Yes	SX65F051	Flat Vee Weir / VA	43.5	0.243	0.322	1.871	4.357	6.130	9
Loddiswell	Avon	SX-7189-4756	28.02.1971	Yes	SX74F051	Natural Control / VA	102.3	0.398	0.530	3.413	7.870	10.787	8
Preston	Teign	SX-8556-7454	13.04.1956	Yes	SX87F051	Natural Control / VA	381.0	1.132	1.448	9.355	22.156	31.651	8
Woodlands	Hems	SX-7781-6754	18.05.1977	No	SX76F052	Informal Bed Control / VA	3.3	0.000	0.001	0.072	0.221	0.340	7

Hydrometric Area 47 (Cornwall Area) - River Tamar Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Bastreet	Withey Brook	SX-2443-7642	09.12.1972	Yes	SX27F066	Compound Crump / TR	16.2	0.097	0.111	0.598	1.323	1.808	12P
Beals Mill	Inny	SX-3589-7706	12.05.1976	Yes	SX37F070	Low Level Bed Control / VA	105.0	0.466	0.554	3.395	8.093	10.675	12P
Crowford Bridge	Tamar	SX-2905-9910	21.06.1972	Yes	SX29F067	Compond Crump / TR	76.7	0.075	0.111	1.685	4.446	6.679	12L
Germansweek	Wolf	SX-4458-9422	27.08.1991	No	SX49F007	Low Level Bed Control / VA	11.0	0.008	0.014	0.260	0.612	0.914	12G
Gunnislake	Tamar	SX-4263-7252	26.06.1956	Yes	SX47F051	Low Level Bed Control / VA	916.9	1.963	2.620	22.350	55.264	79.902	12E
Hayne Bridge	Thrushel	SX-4160-8670	15.07.1988	Yes	SX48F012	Low Level Bed Control / VA	57.6	0.036	0.060	1.284	3.467	5.210	12G
Horrabridge	Walkham	SX-5133-6989	18.04.1974	Yes	SX56F057	Control Weir / VA	44.6	0.241	0.362	1.684	3.615	4.736	12D
Lifton Park	Lyd	SX-3888-8424	01.11.1969	Yes	SX38F072	Low Level Rectang' Flume / VA	222.9	0.491	0.679	4.620	11.444	16.270	12F
Ludbrook	Tavy	SX-4760-6810	16.11.1981	Yes	SX46F003	Control Weir / VA	197.3	0.898	1.057	6.439	16.020	20.753	12C
Lumburn Bridge	Lumburn	SX-4590-7320	29.02.1976	No	SX47F054	Bed Control / VA	20.5	0.069	0.080	0.516	1.243	1.641	12C
Moors Mill	Hennard Strm	SX-4245-9385	01.04.1992	No	SX49F006	Low Level Bed Control / VA	7.1	0.005	0.010	0.168	0.422	0.582	12G
Pillaton Mill	Lynher	SX-3686-6256	01.03.1966	Yes	SX36F069	Natural Control / VA	135.5	0.646	0.806	4.438	10.174	13.992	12Q
Polson Bridge	Tamar	SX-3530-8490	22.12.1987	Yes	SX38F080	Low Level Bed Control / VA	470.3	0.535	0.759	10.525	27.842	43.308	12E
Puslinch	Yealm	SX-5740-5112	01.03.1966	Yes	SX55F055	Low Level Rectang' Flume / VA	54.9	0.208	0.262	1.606	3.707	5.121	10B
Roadford Comps'n	Wolf	SX-4190-8980	31.03.1988	Yes	SX48F013	Flat Vee Weir / VA	31.1	0.103	0.106	0.451	1.082	1.492	12G
Roadford LB Trib	Trib to Wolf	SX-4190-8975	03.06.1986	No	SX48F011	Flume / TR	0.3	0.000	0.000	0.006	0.017	0.028	12G
Tideford	Tiddy	SX-3443-5962	01.10.1969	Yes	SX35F068	Crump Weir / TR	37.2	0.133	0.166	0.925	2.255	3.047	12R

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 47 (Cornwall Area) - River Tamar Group (Cont..)

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Tinhay	Thrushel	SX-3976-8549	01.10.1969	Yes	SX38F071	Compound Crump / TR	112.7	0.107	0.184	2.344	5.964	8.545	12G
Werrington Park	Ottery	SX-3374-8658	14.11.1978	Yes	SX38F073	Low Level Bed Control / VA	120.5	0.136	0.238	3.126	7.868	12.607	12M

Hydrometric Area 48 (Cornwall Area) - River Fowey Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Bissoe	Carnon	SW-7744-4128	27.10.1994	No	SW74F058	Flat Vee Weir / VA	38.5	0.230	0.249	0.828	1.947	2.347	-------
Colliford Weir	St.Neot	SX-1796-7091	01.04.1983	No	SX17F025	Flat Vee Weir / VA	12.0	0.000	0.000	0.223	0.659	0.757	15B
Craigshill Wood	St.Neot	SX-1843-6603	10.03.1971	No	SX16F062	Compound Crump / TR	22.5	0.171	0.218	0.735	1.387	1.900	15B
Devoran	Carnon	SW-7891-3942	27.10.1994	No	SW73F015	Flat Vee Weir / VA	52.4	0.603	0.868	1.877	3.093	3.463	-------
Devoran Bridge	Carnon	SW-7910-3943	01.07.1991	No	SW73F002	Bed Control	52.6	0.478	0.521	1.501	3.344	4.279	------
Ponsanooth	Kennal	SW-7620-3765	01.10.1968	No	SW73F053	Crump Weir / TR	28.5	0.073	0.103	0.508	1.200	1.539	19E
Restormel	Fowey	SX-0977-6249	31.03.1961	Yes	SX06F059	Compound Crump / TR	169.0	0.785	0.997	4.751	10.679	13.996	15B
Siblyback	Siblyback Stm	SX-2328-7030	13.08.1973	No	SX27F009	Rectangular Notch / TR	8.3	0.053	0.058	0.260	0.566	0.744	15B
Trebrownbridge	Seaton	SX-2995-5946	02.08.1972	No	SX25F064	Compound Crump / TR	39.1	0.207	0.247	1.031	2.245	2.868	13A
Tregony	Fal	SW-9207-4474	08.06.1978	Yes	SW94F056	Low Level Flume / VA	94.3	0.437	0.545	2.080	4.516	5.891	19C
Trekievesteps	Fowey	SX-2273-6981	01.05.1969	No	SX26F065	Compound Crump / TR	36.8	0.244	0.287	1.322	2.887	3.808	15B
Trenear Intake	Cober	SW-6757-3112	07.01.1988	No	SW63F042	Informal Weir / VA	20.0	0.050	0.072	0.458	1.052	1.378	20A
Trengoffe	Warleggan	SX-1593-6737	22.09.1969	No	SX16F060	Compound Crump / VA	25.3	0.195	0.235	0.855	1.803	2.271	15B
Truro	Kenwyn	SW-8198-4503	31.10.1968	Yes	SW84F054	Compound Crump / TR	19.8	0.051	0.063	0.383	0.935	1.209	19D

Hydrometric Area 49 (Cornwall Area) - River Camel Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
De Lank	De Lank	SX-1326-7655	01.11.1969	No	SX17F063	Compound Crump / TR	21.5	0.080	0.116	0.756	1.638	2.233	25C
Denby	Camel	SX-0170-6820	11.08.1964	Yes	SX06F058	Low Level Bed Control / VA	208.8	0.886	1.166	6.023	13.417	17.919	25B

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 49 (Cornwall Area) - River Camel Group (Cont..)

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Gwills	Gannel	SW-8287-5928	01.12.1969	Yes	SW85F055	Crump Weir / TR	41.0	0.100	0.125	0.698	1.588	2.108	24A
Penberth	Penberth Stream	SW-4000-2300	16.12.1993	No	SW42F895	Sharp Crested 'V' Notch	13.7	0.172	0.191	0.288	0.413	0.461	———
St. Erth	Hayle	SW-5492-3413	03.01.1968	Yes	SW53F051	Compound Crump / TR	47.6	0.224	0.265	1.004	2.219	2.709	22A

Hydrometric Area 50 (Devon Area) - River Taw/Torridge Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No.	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Collard Bridge	Yeo	SS-5953-3562	07.09.1995	Yes	SS53F044	Natural Bed Control	79.6	0.235	0.370	2.399	5.340	7.756	30
Gorhuish	Hookmoor Brook	SX-5314-9854	10.08.1990	No	SX59F003	Flat Vee Weir / VA	11.4	0.008	0.017	0.337	0.839	1.229	———
Gribbleford Bridge	Lew	SS-5277-0140	22.02.1988	Yes	SS50F007	Low Level Bed Control / VA	71.1	0.028	0.060	1.538	4.145	6.157	29
Jacobstowe	Okement	SS-5918-0191	02.11.1973	Yes	SS50F042	Low Level Bed Control / VA	82.1	0.331	0.414	2.557	6.093	8.544	29
Leehamford Bridge	Bray	SS-6774-3992	30.10.1979	Yes	SS63F015	Flat Vee Weir / VA	17.6	0.050	0.073	0.670	1.530	2.062	30
Meldon	West Okement	SX-5630-9170	31.12.1975	Yes	SX59F051	Flat Vee Weir / VA	16.6	0.049	0.057	0.607	1.559	2.320	29
Norley Bridge	Lew	SX-5008-9993	21.09.1988	Yes	SX59F053	Low Level Bed Control / VA	20.3	0.016	0.031	0.500	1.265	1.968	29
Parkham	Yeo	SS-3930-2211	31.12.1975	Yes	SS32F024	Flat Vee Weir / VA	7.7	0.011	0.015	0.183	0.464	0.673	29
Rockhay Bridge	Torridge	SS-5068-0698	21.09.1988	Yes	SS50F060	Low Level Bed Control / VA	257.8	0.309	0.472	7.138	18.883	28.745	29
Taw Bridge	Taw	SS-6729-0682	12.11.1973	Yes	SS60F015	Natural Control / VA	71.4	0.148	0.220	2.023	5.258	7.596	30
Torrington	Torridge	SS-5000-1844	31.07.1960	Yes	SS51F004	Natural Control / VA	663.0	0.891	1.281	15.514	39.535	58.504	29
Umberleigh	Taw	SS-6080-2366	26.09.1958	Yes	SS62F001	Natural Control / VA	826.2	1.203	1.688	18.184	47.976	66.325	30
Vellake	West Okement	SX-5570-9030	30.09.1968	No	SX59F005	Rectangular Notch / TR	13.3	0.084	0.099	0.693	1.641	2.676	29
Veraby	Yeo	SS-7743-2666	01.10.1968	Yes	SS72F024	Natural Control / VA	53.7	0.160	0.223	1.673	3.877	5.610	30
Woodleigh	Mole	SS-6600-2110	11.01.1965	Yes	SS62F002	Natural Control / VA	327.5	0.809	1.106	8.690	21.137	28.869	30

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 51 (North Wessex Area) - West Coast streams

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No. (Pyramid Flow Archive)	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Beggearn Huish	Washford	ST-0400-3950	01.11.1966	Yes	510810	Flat Vee Weir TR	36.3	0.119	0.155	0.912	2.240	3.177	8
Swill Bridge	Doniford Stream	ST-0880-4280	01.01.1967	Yes	510910	Flat Vee Weir	75.8	0.192	0.237	1.026	2.322	3.203	9
West Luccombe	Horner Water	SS-8980-4580	01.04.1973	Yes	510310	Crump TR	20.8	0.063	0.076	0.470	1.089	1.504	3

Hydrometric Area 52 (North Wessex Area) - River Brue, Yeo and Tone Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No. (Pyramid Flow Archive)	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Ashford Mill	Isle	ST-3610-1880	01.10.1962	Yes	520110	Crump TR	90.1	0.267	0.306	1.321	2.871	4.570	1
Bishops Hull	Tone	ST-2060-2500	01.02.1961	Yes	520560	Crump TR	202.0	0.595	0.710	3.031	6.628	9.380	5
Chiselborough	Parrett	ST-4610-1440	01.08.1966	Yes	520310	Crump TR	74.8	0.181	0.210	1.153	2.301	4.804	3
Clyse Hole	Brue	ST-4940-3770	01.02.0992	No	521110	Special Flat Vee Weir	------	0.245	0.299	-------	5.943	8.775	11
Currypool	Currypool Stream	ST-2210-3820	01.06.1971	Yes	520710	Crump TR	15.7	0.059	0.068	0.207	0.430	0.573	7
Fenny Castle	Sheppey	ST-4980-4390	01.01.1964	Yes	521010	Crump TR	59.6	0.252	0.308	1.058	2.196	2.764	10
Greenham	Tone	ST-0780-2020	01.02.1967	Yes	520540	Compound Flat Vee Weir TR	57.2	0.141	0.173	1.005	2.310	3.390	5
Halsewater	Halsewater	ST-2060-2530	01.01.1962	Yes	520580	Flat Vee Weir TR	87.8	0.274	0.325	1.099	2.271	3.087	5
Helland	Helland Brook	ST-3320-2430	01.11.1994	No	520410	Broad Crested Weir	-------	------	------	0.698	-------	------	4
Henley	Axe	ST-5270-4580	01.01.1971	Yes	521210	Crump TR	18.2	0.141	0.166	0.524	1.064	1.382	12
Higher Alham	Alham	ST-6790-4110	01.05.1982	No	520910	Flat Vee Weir TR	5.1	0.030	0.034	0.141	0.314	0.387	9
Iwood	Congresbury Yeo	ST-4520-6310	01.06.1973	Yes	521410	Crump TR	66.6	0.214	0.238	0.720	1.529	2.034	14
Lovington	Brue	ST-5900-3180	01.10.1964	Yes	520920	Crump TR	135.2	0.237	0.286	1.825	4.273	6.346	9
Milverton	Hillfarrence	ST-1130-2700	01.10.1991	Yes	520550	Flat Vee Weir TR	27.3	0.124	0.140	0.528	1.180	1.624	5
Pen Mill	Yeo	ST-5730-1610	01.11.1963	Yes	520240	Crump TR	213.1	0.325	0.379	2.468	6.212	9.338	2
Somerton	Cary	ST-4980-2910	01.09.1965	Yes	520810	Compound Crump TR	82.4	0.045	0.055	0.780	2.004	3.421	8
Westhay	Brue	ST-4370-4270	01.01.1993	Yes	521120	Electromagnetic	300.0	0.255	0.361	4.253	12.443	17.670	11
Wraxall	Land Yeo	ST-4830-7160	01.01.1971	Yes	521510	Crump TR	23.3	0.054	0.065	0.265	0.532	0.709	15

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 53 (North Wessex Area) - River Upper Avon Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No. (Pyramid Flow Archive)	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Bath Hot Springs	Spring Flow	ST-7510-6470	01.01.1991	No	530181	V Notch	------	0.011	0.011	0.012	0.012	0.012	1
Bath ultrasonic	Avon	ST-7380-6510	01.09.1976	Yes	530185	Ultrasonic	1605.0	4.500	5.340	22.080	48.700	66.210	1
Bathford	Avon	ST-7855-6702	01.12.1969	Yes	530180	Rated Section TR	1552.0	2.713	3.388	17.400	39.575	56.705	1
Bitton	Boyd	ST-6808-6985	01.11.1973	Yes	530350	Flat Vee Weir TR	47.9	0.052	0.064	0.548	1.352	2.017	3
Brokenborough	Tetbury Avon	ST-9140-8930	01.01.1978	Yes	530650	Flat Vee Weir TR	73.6	0.061	0.076	0.636	1.496	2.218	6
Calstone	Marden	SU-0280-6870	01.01.1982	No	530810	Flat Vee Weir TR	8.0	0.074	0.084	0.215	0.420	0.510	8
Carriers Farm	Luckington Brook	ST-8470-8520	01.05.1978	No	530510	Flat Vee Weir TR	42.8	0.021	0.027	0.287	0.748	1.176	5
Compton Dando	Chew	ST-6480-6470	01.03.1958	Yes	531450	Trapezoidal Flume TR	129.5	0.329	0.364	1.112	2.213	3.355	14
Crab Mill	Woodbridge Brook	ST-9460-8660	01.08.1969	Yes	530130	Compound Rect. TR	46.6	0.028	0.041	0.550	1.023	2.315	11
Fosseway	Sherston Avon	ST-8910-8700	01.11.1976	Yes	530550	Flat Vee Weir TR	89.7	0.116	0.136	0.949	2.339	3.080	5
Frampton Cotterell	Bristol Frome	ST-6670-8220	01.01.1978	Yes	530240	Crump TR	78.5	0.107	0.137	1.001	2.449	3.960	2
Frenchay	Bristol Frome	ST-6370-7720	01.09.1961	Yes	530270	Trapezoidal Flume TR	148.9	0.194	0.236	1.683	4.090	6.654	2
Frome	S/Frome	ST-7720-4930	20.05.1992	Yes	531140	Horseshoe Weir	------	0.229	0.307	1.490	3.685	4.904	11
Garsden	Charlton Stream	ST-9580-8780	18.05.1992	No	530110	Flat Vee Weir	------	0.023	0.030	0.300	0.664	1.052	1
Great Somerford	Avon	ST-9660-8320	01.01.1964	Yes	530150	Compound Crump TR	303.0	0.329	0.395	3.211	8.065	11.277	1
Middlehill	By Brook	ST-8135-6878	01.01.1982	Yes	530450	Flat Vee Weir TR	102.0	0.224	0.268	1.540	3.956	4.842	4
Midford	Midford Brook	ST-7630-6110	01.05.1961	Yes	531370	Trapezoidal Flume TR	147.4	0.414	0.500	2.240	4.924	6.860	13
Nunney	Nunney Brook	ST-7367-4623	01.01.1985	No	531220	Flat Vee Weir TR	12.0	0.060	0.070	0.343	0.773	1.073	12
Rodbourne	Gauze Brook	ST-9370-8400	01.08.1968	Yes	530140	Rect. Thin Plate TR	28.2	0.017	0.022	0.271	0.684	0.968	1
St Dunstans Spring	Spring Flow	ST-6590-4800	15.12.1981	No	531210	Rectangular Weir	------	0.037	0.043	0.124	0.263	0.351	12
Semington	Semington Brook	ST-9070-6050	01.10.1953	Yes	530950	Rated Fixed Section TR	157.7	0.283	0.379	1.416	2.690	4.473	9
Slads Farm, Tetbury	Tetbury Avon	ST-8970-9210	01.06.1978	No	530620	Flat Vee Weir	29.3	0.037	0.045	0.310	0.674	1.297	6
Stanley	Marden	ST-9550-7290	01.01.1970	Yes	530850	Trapezoidal Flume TR	99.2	0.242	0.289	1.174	2.490	3.593	8
Startley	Rodbourne Brook	ST-9400-8320	01.06.1996	No	530120	Flat Vee Weir TR	------	------	------	0.278	------	-------	1
Tellisford	Somerset Frome	ST-8050-5640	01.09.1961	Yes	531160	Trapezoidal Flume TR	261.6	0.602	0.727	3.738	8.498	12.419	11
Torr Quarry	Whatley Brook	ST-7000-4440	01.06.1981	No	531230	Flat Vee Weir TR	12.0	0.002	0.003	0.065	0.172	0.257	12
Trowbridge	Biss	ST-8573-5761	01.01.1984	Yes	531050	Flat Vee Weir TR	9.0	0.133	0.163	0.795	1.817	3.031	10
Vallis	Mells	ST-7570-4910	01.01.1980	Yes	531240	Crump TR	119.0	0.214	0.274	1.643	3.785	5.143	12
Wellow	Wellow Brook	ST-7410-5810	01.01.1966	Yes	531360	Trapezoidal Flume TR	72.6	0.237	0.280	1.272	2.808	3.861	13

Table 3.0: SOUTH WEST REGION SURFACE WATER GAUGING STATIONS - CURRENTLY OPERATING SITES: THEORETICAL FLOWS

Hydrometric Area 54 - River Little Avon Group

Station Name	River Name	N.G.R	Start Date	Telemetry	Ref. No. (Pyramid Flow Archive)	Control Section/ Structure	Catchment Area (km2)	Q95	Q90	Gauge A.D.F.	Q10	Q5	Catchment Number
Berkeley Kennels	Little Avon	ST-6830-9880	01.11.1978	Yes	542350	Rated Section VA	134.0	0.217	0.254	1.048	2.117	3.080	23

Table 3.1: SOUTH WEST REGION - CHART RECORDERS LEVEL ONLY SITES

Area: North Wessex

Station Name	River Name	N.G.R	Type	Old No	New No	Data Source
Bleadon Sluice	Axe	ST-3410-5650	Surface Water		521290	Chart (Seprol data is available) so telemetred but not archived
Bradford on Avon	Avon	ST-8150-6030	Surface Water		530170	Chart/Seprol data so telemetred but not archived
Caravan Park	Axe	ST-5320-4750	Surface Water		521203	Chart
Eastville	Bristol Frome	ST-7490-7490	Groundwater		530280	Chart
Gold Corner d/s	S Drain	ST-3670-4320	Groundwater		521190	Chart
Gold Corner u/s	S Drain	ST-3670-4320	Groundwater		521191	Chart
Ladden Bows	Ladden Brook	ST-6700-8450	Groundwater		530235	Chart
Matford Bridge	Bradley Brook	ST-6370-8180	Surface Water		530255	Chart
Myrtle Cottage	Axe	ST-5330-4770	Groundwater		521202	Chart
Netham	Avon	ST-6160-7260	Groundwater		530195	Chart/Seprol data so telemetred but not archived
North Drain d/s	-------	ST-3980-4480	Groundwater		521131	Chart
North Drain u/s	———	ST-3980-4480	Groundwater		521130	Chart
Shapwick	S Drain	ST-4240-4130	Surface Water		521180	Chart
Sherborne Lake	Yeo	ST-6480-1660	Groundwater	520051	500210	Chart (Seprol data is available) so telemetred but not archived
Sherborne Spillway	Yeo	ST-6470-1650	Groundwater		500211	Chart (Seprol data is available) so telemetred but not archived
Taunton Market	Tone	ST-2510-2570	Surface Water		520575	Chart/Seprol data so telemetred but not archived
West Quay	Parrett	ST-3000-3750	Surface Water	520743	520720	Chart (Seprol data is available) so telemetred but not archived
Wookey Caves	Axe	ST-5330-4800	Surface Water		521201	Chart

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	R.ALLEN AT ALL HALLOWS						R.AVON AT AMESBURY						R.PIDDLE AT BAGGS MILL					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	1.161	1.953	2.489	1.072	2.539	January	5.502	7.633	11.210	3.994	11.805	January	3.802	8.276	9.099	6.265	9.159	
February	1.075	1.134	1.687	0.659	1.710	February	6.218	4.835	5.862	4.065	5.902	February	4.418	4.130	6.023	2.869	6.128	
March	0.808	0.452	0.633	0.358	0.661	March	5.362	3.869	5.117	3.139	5.327	March	3.829	3.011	5.374	2.480	5.713	
April	0.555	0.501	0.753	0.357	0.757	April	4.502	4.625	5.967	3.131	6.378	April	2.976	3.213	4.082	2.552	4.980	
May	0.412	0.661	0.799	0.445	0.809	May	3.418	3.801	4.512	3.220	4.599	May	2.142	2.565	3.006	2.155	3.152	
June	0.227	0.310	0.437	0.236	0.462	June	2.598	3.275	4.268	2.745	4.421	June	1.638	2.097	2.670	1.639	2.953	
July	0.149	0.175	0.229	0.135	0.229	July	1.917	2.357	3.297	1.891	3.492	July	1.216	1.506	1.734	1.301	1.809	
August	0.107	0.145	0.178	0.120	0.180	August	1.582	1.614	1.894	1.424	1.912	August	1.048	1.107	1.489	1.020	1.602	
September	0.094	0.108	0.121	0.102	0.122	September	1.508	1.555	2.064	1.332	2.104	September	1.069	1.070	1.487	0.947	1.721	
October	0.178	0.119	0.180	0.106	0.191	October	1.828	2.192	4.170	1.295	5.059	October	1.422	1.615	4.772	1.036	6.254	
November	0.340	0.953	1.145	0.208	1.156	November	2.558	4.949	6.612	4.410	6.982	November	2.084	3.016	3.988	2.367	4.608	
December	0.774	0.747	1.105	1.592	1.145	December	3.927	5.239	8.648	4.249	8.955	December	3.009	3.668	5.834	2.680	6.941	
Year	0.488	0.602	2.489	0.102	2.539	Year	3.420	3.823	11.210	1.295	11.805	Year	2.377	2.936	9.099	0.947	9.159	

	GUSSAGE STREAM AT BOWERSWAIN						R.PIDDLE AT BRIANTSPUDDLE						R.WYLYE AT BRIXTON DEVERILL					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1993-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	0.522	0.950	1.147	0.580	1.210	January	4.883	7.807	9.136	4.861	9.310	January	0.614	0.801	1.214	0.525	1.562	
February	0.458	0.442	0.755	0.225	0.765	February	4.273	2.945	5.195	1.740	5.602	February	0.509	0.371	0.551	0.232	0.561	
March	0.317	0.173	0.255	0.134	0.275	March	3.050	1.774	3.601	1.386	3.978	March	0.549	0.227	0.296	0.187	0.330	
April	0.196	0.147	0.170	0.129	0.196	April	1.814	1.787	2.330	1.361	2.773	April	0.508	0.233	0.328	0.183	0.345	
May	0.122	0.160	0.180	0.128	0.184	May	1.142	1.554	1.872	1.148	1.992	May	0.188	0.253	0.306	0.181	0.330	
June	0.082	0.085	0.124	0.056	0.132	June	0.684	0.939	1.251	0.721	1.313	June	0.122	0.137	0.180	0.115	0.239	
July	0.069	0.044	0.060	0.031	0.062	July	0.339	0.593	0.703	0.493	0.728	July	0.110	0.121	0.136	0.103	0.165	
August	0.074	0.071	0.077	0.048	0.114	August	0.279	0.326	0.525	0.246	0.557	August	0.109	0.119	0.165	0.087	0.170	
September	0.069	0.072	0.074	0.069	0.079	September	0.270	0.270	0.429	0.219	0.476	September	0.113	0.130	0.163	0.093	0.165	
October	0.086	0.061	0.072	0.034	0.088	October	0.606	0.563	1.727	0.263	2.215	October	0.132	0.215	2.167	0.093	4.058	
November	0.126	0.309	0.510	0.037	0.524	November	1.236	1.796	2.351	1.279	2.757	November	0.259	0.767	1.736	0.486	2.459	
December	0.294	0.351	0.424	0.269	0.454	December	2.389	2.232	3.930	1.553	4.835	December	0.434	0.471	1.010	0.317	1.690	
Year	0.200	0.238	1.147	0.031	1.210	Year	1.688	1.881	9.136	0.219	9.310	Year	0.303	0.320	2.167	0.087	4.058	

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	R.WEY AT BROADWEY				
	MONTHLY MEAN		DAILY MEAN		1998
	1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.491	1.054	1.192	0.844	1.818
February	0.571	0.603	0.912	0.460	0.925
March	0.532	0.385	0.471	0.328	0.594
April	0.431	0.331	0.390	0.294	0.599
May	0.300	0.326	0.360	0.289	0.398
June	0.237	0.263	0.309	0.233	0.389
July	0.178	0.202	0.233	0.179	0.286
August	0.137	0.161	0.179	0.142	0.214
September	0.121	0.147	0.177	0.136	0.279
October	0.143	0.168	0.452	0.131	0.583
November	0.207	0.294	0.336	0.265	0.435
December	0.352	0.434	0.743	0.275	1.053
Year	0.309	0.300	1.192	0.131	1.818

	R.SHREEN WATER AT COLESBROOK				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.857	1.108	4.811	0.489	13.578
February	0.825	0.423	0.525	0.355	0.613
March	0.721	0.532	2.052	0.313	4.665
April	0.564	0.548	1.049	0.340	1.986
May	0.426	0.362	0.414	0.345	0.573
June	0.400	0.480	1.273	0.318	2.344
July	0.311	0.330	0.747	0.278	1.357
August	0.285	0.254	0.289	0.237	0.325
September	0.288	0.259	0.402	0.222	0.604
October	0.407	0.909	7.048	0.243	12.060
November	0.568	1.021	4.206	0.563	14.823
December	0.803	0.890	3.824	0.475	10.393
Year	0.533	0.595	7.048	0.222	14.823

	DEVIL'S BROOK AT DEWLISH PUMP. STATION				
	MONTHLY MEAN		DAILY MEAN		1998
	1995-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.190	0.273	0.428	0.109	0.595
February	0.191	0.070	0.103	0.043	0.106
March	0.125	0.107	0.475	0.044	0.565
April	0.081	0.142	0.360	0.053	0.692
May	0.039	0.051	0.082	0.033	0.122
June	0.024	0.030	0.073	0.014	0.168
July	0.013	0.018	0.038	0.011	0.054
August	0.011	0.007	0.013	0.004	0.015
September	0.009	0.010	0.054	0.003	0.113
October	0.032	0.007	0.406	0.005	0.541
November	0.108	0.010	0.293	0.057	0.474
December	0.128	0.158	0.466	0.048	0.685
Year	0.079	0.088	0.475	0.003	0.692

	DEVIL'S BROOK AT DEWLISH WOODSDOWN X				
	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.252	0.358	0.868	0.131	2.146
February	0.193	0.085	0.125	0.059	0.145
March	0.126	0.128	0.615	0.059	0.064
April	0.122	0.159	0.366	0.072	1.064
May	0.056	0.062	0.094	0.043	0.147
June	0.039	0.045	0.095	0.028	0.204
July	0.031	0.040	0.065	0.030	0.092
August	0.030	0.025	0.037	0.018	0.041
September	0.041	0.026	0.085	0.018	0.138
October	0.084	0.124	0.897	0.019	2.415
November	0.143	0.153	0.596	0.073	1.387
December	0.206	0.177	0.726	0.058	2.099
Year	0.113	0.116	0.897	0.018	2.415

	R.AVON AT EAST MILLS FLUME				
	MONTHLY MEAN		DAILY MEAN		1998
	1963-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	13.464	18.168	22.173	12.362	22.448
February	14.622	12.064	14.551	10.219	14.705
March	13.272	10.232	13.055	9.149	13.270
April	11.600	10.639	11.736	9.073	12.106
May	9.550	9.531	10.382	8.874	10.592
June	8.097	8.403	9.413	7.541	9.719
July	6.758	6.852	8.107	6.236	8.342
August	6.162	5.752	6.370	5.414	6.503
September	6.076	5.706	6.709	5.340	6.915
October	6.819	7.525	12.012	5.813	12.816
November	8.562	13.473	15.548	12.279	15.761
December	10.996	12.325	16.706	10.805	16.958
Year	9.535	10.045	22.173	5.340	22.448

	R.AVON AT EAST MILLS WEIR				
	MONTHLY MEAN		DAILY MEAN		1998
	1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	10.873	19.813	29.183	9.573	30.189
February	12.359	8.917	12.515	6.368	12.749
March	10.012	6.220	10.182	4.502	10.420
April	7.526	6.470	7.737	4.364	8.075
May	7.175	5.622	6.394	5.129	6.678
June	3.643	4.880	6.329	3.845	6.653
July	2.423	2.860	4.801	1.941	5.066
August	1.659	1.217	1.926	0.941	2.162
September	1.439	1.272	2.412	0.849	2.651
October	2.187	2.472	6.069	1.107	7.124
November	3.779	10.989	15.472	7.035	15.988
December	7.235	9.817	16.658	7.694	17.354
Year	5.676	6.703	29.183	0.849	30.189

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	RIVER FROME AT EAST STOKE FLUME						RIVER FROME AT EAST STOKE WEIR						R.STOUR AT HAMMOON					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1990-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	8.351	14.203	19.147	8.032	19.966	January	1.906	3.220	4.834	0.896	5.236	January	18.965	28.603	104.548	3.779	125.911	January
February	9.050	5.413	7.746	3.906	7.951	February	1.890	2.331	2.952	1.790	3.003	February	15.758	2.630	4.215	1.776	4.618	February
March	7.690	4.846	11.575	3.537	13.134	March	1.780	1.936	2.748	1.489	3.705	March	7.452	6.693	27.360	1.801	32.942	March
April	6.019	4.896	7.559	3.613	8.591	April	1.497	2.102	3.129	0.797	3.862	April	6.708	12.214	42.085	2.627	44.687	April
May	4.747	3.407	4.048	3.004	4.109	May	1.130	1.761	2.198	1.379	2.281	May	1.981	2.208	4.283	1.320	5.509	May
June	4.013	3.193	4.551	2.664	4.788	June	0.803	1.447	2.142	1.078	2.227	June	2.209	4.836	30.337	1.346	35.174	June
July	2.961	2.688	3.343	2.386	3.600	July	0.495	0.995	1.412	0.753	1.572	July	1.189	2.185	12.054	1.102	24.068	July
August	2.749	2.165	2.641	2.008	2.965	August	0.374	0.415	0.879	0.175	1.042	August	1.461	0.870	1.159	0.710	1.255	August
September	2.894	2.293	3.738	1.893	5.147	September	0.376	0.328	0.985	0.177	1.390	September	2.513	1.193	3.255	0.727	4.184	September
October	3.726	3.564	9.684	1.985	12.123	October	0.635	1.041	3.174	0.414	4.277	October	6.776	15.812	92.754	0.989	120.664	October
November	5.229	5.539	9.411	4.224	10.885	November	1.080	2.227	3.155	1.430	3.650	November	14.374	20.858	114.869	3.969	132.334	November
December	6.857	6.179	11.631	3.587	12.778	December	1.453	2.897	5.324	1.762	5.468	December	15.885	17.477	90.848	3.108	109.239	December
Year	5.344	4.871	19.147	1.893	19.966	Year	1.114	1.722	5.324	0.175	5.468	Year	7.896	9.688	114.869	0.710	132.334	Year

	R.HOOKE AT HOOKE						R.MOORS AT HURN COURT						R.AVON AT KNAPP MILL					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	0.287	0.411	0.602	0.340	1.178	January	3.315	5.258	12.193	2.161	15.917	January	31.637	43.035	46.720	31.465	47.300	January
February	0.283	0.283	0.355	0.237	0.411	February	2.816	1.596	2.097	1.199	2.143	February	33.340	26.990	35.582	20.586	36.220	February
March	0.246	0.248	0.427	0.205	0.708	March	1.807	1.839	4.418	1.119	4.912	March	29.447	21.688	30.982	17.296	32.520	March
April	0.213	0.233	0.328	0.204	0.670	April	1.830	2.253	4.937	1.380	6.241	April	24.800	23.733	28.402	17.966	33.480	April
May	0.165	0.195	0.215	0.181	0.321	May	0.984	1.096	1.538	0.781	1.696	May	18.256	18.252	21.974	16.116	22.610	May
June	0.134	0.174	0.256	0.142	0.480	June	0.754	0.963	1.662	0.703	1.867	June	13.682	16.112	21.716	13.411	22.560	June
July	0.108	0.129	0.168	0.112	0.264	July	0.505	0.664	0.898	0.570	1.013	July	9.931	11.353	15.770	8.910	16.470	July
August	0.099	0.100	0.121	0.090	0.232	August	0.402	0.456	0.564	0.397	0.580	August	8.656	7.638	9.119	6.835	9.320	August
September	0.102	0.106	0.214	0.083	0.283	September	0.592	0.587	1.361	0.403	1.565	September	8.544	8.326	10.664	6.733	13.080	September
October	0.122	0.138	0.492	0.082	1.388	October	1.147	1.318	5.704	0.539	6.495	October	11.538	13.519	30.399	7.930	33.670	October
November	0.181	0.230	0.329	0.176	0.748	November	1.962	2.217	6.785	1.300	7.698	November	16.285	31.064	36.746	25.904	37.390	November
December	0.243	0.246	0.557	0.200	1.310	December	2.800	2.546	8.003	1.196	9.766	December	25.335	28.430	43.566	22.252	44.640	December
Year	0.182	0.209	0.602	0.082	1.388	Year	1.575	1.736	12.193	0.397	15.917	Year	19.033	20.768	46.720	6.733	47.300	Year

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	R.BOURNE AT LAVERSTOCK						RIVER PIDDLE AT LITTLE PUDDLE						LITTON CHENEY STREAM AT LITTON CHENEY				
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998
	1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1993-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.062	1.432	1.852	0.953	2.050	January	0.805	1.612	2.865	0.419	3.330	January	0.184	0.288	0.341	0.226	0.640
February	1.496	1.005	1.211	0.818	1.239	February	0.629	0.306	0.682	0.147	0.701	February	0.206	0.245	0.306	0.196	0.308
March	1.402	0.814	0.992	0.694	1.063	March	0.309	0.153	0.270	0.125	0.402	March	0.192	0.188	0.227	0.160	0.270
April	1.106	0.802	0.880	0.703	1.057	April	0.164	0.167	0.227	0.122	0.357	April	0.164	0.161	0.184	0.153	0.305
May	0.753	0.657	0.762	0.540	0.802	May	0.103	0.148	0.177	0.109	0.199	May	0.147	0.167	0.185	0.156	0.207
June	0.523	0.513	0.594	0.449	0.703	June	0.060	0.082	0.118	0.057	0.155	June	0.126	0.163	0.172	0.156	0.337
July	0.379	0.366	0.439	0.296	1.048	July	0.040	0.053	0.061	0.040	0.095	July	0.110	0.142	0.154	0.124	0.203
August	0.301	0.255	0.317	0.212	0.397	August	0.026	0.030	0.041	0.020	0.046	August	0.089	0.111	0.124	0.101	0.175
September	0.296	0.260	0.345	0.212	0.417	September	0.022	0.024	0.046	0.019	0.057	September	0.081	0.094	0.104	0.088	0.156
October	0.363	0.417	0.859	0.227	1.063	October	0.036	0.037	0.108	0.021	0.140	October	0.077	0.087	0.126	0.082	0.285
November	0.508	0.890	0.994	0.798	1.209	November	0.078	0.145	0.183	0.080	0.226	November	0.088	0.097	0.110	0.082	0.160
December	0.718	0.915	1.229	0.827	1.376	December	0.179	0.172	0.322	0.121	0.402	December	0.124	0.140	0.182	0.114	0.315
Year	0.721	0.692	1.852	0.212	2.050	Year	0.202	0.245	2.865	0.019	3.330	Year	0.132	0.156	0.341	0.082	0.640

	R.FROME AT LOUDSMILL						R.ALLEN AT LOVERLEY MILL						R.WYLYE AT NORTON BAVANT				
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1970-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	4.074	7.878	11.426	4.685	12.258	January	1.917	4.729	6.476	2.210	6.705	January	1.807	2.543	4.135	1.660	4.717
February	4.260	3.410	4.506	2.565	4.604	February	2.489	2.051	3.454	1.156	3.556	February	1.883	1.202	1.618	0.869	1.904
March	3.617	3.131	7.007	2.385	8.423	March	1.878	0.922	1.279	0.774	1.508	March	1.576	1.077	1.698	0.845	1.967
April	2.833	2.871	4.443	2.317	6.214	April	1.254	0.956	1.217	0.768	1.281	April	1.324	1.294	1.792	0.848	2.783
May	1.880	1.979	2.477	1.659	2.493	May	0.754	1.061	1.274	0.801	1.313	May	0.945	1.031	1.260	0.808	1.542
June	1.444	1.879	2.900	1.487	3.422	June	0.490	0.622	0.814	0.504	0.915	June	0.734	0.873	1.232	0.684	1.925
July	1.043	1.256	1.693	0.990	1.845	July	0.336	0.396	0.495	0.319	0.548	July	0.591	0.729	0.934	0.600	1.133
August	0.965	0.803	1.017	0.735	1.041	August	0.253	0.300	0.383	0.238	0.384	August	0.548	0.565	0.628	0.519	1.015
September	0.945	0.884	1.813	0.695	2.559	September	0.279	0.255	0.391	0.224	0.448	September	0.563	0.591	0.953	0.489	1.125
October	1.362	1.928	5.809	0.812	7.914	October	0.405	0.365	0.762	0.276	0.863	October	0.661	1.019	4.134	0.520	5.676
November	2.113	3.410	5.476	2.563	7.495	November	0.632	1.871	2.301	0.715	2.343	November	0.919	2.336	4.199	1.469	4.943
December	3.210	3.622	7.256	2.175	9.730	December	1.254	1.515	2.007	1.225	2.112	December	1.419	1.603	3.741	1.167	4.569
Year	2.311	2.756	11.426	0.695	12.258	Year	0.984	1.251	0.363	2.210	6.705	Year	1.080	1.239	4.199	0.489	5.676

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	R. PIDDLE AT SOUTH HOUSE				
	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.081	1.760	3.014	0.522	6.179
February	0.444	0.263	0.494	0.154	0.505
March	0.272	0.161	0.270	0.132	0.459
April	0.174	0.187	0.263	0.136	0.474
May	0.115	0.165	0.200	0.122	0.234
June	0.070	0.096	0.141	0.075	0.237
July	0.043	0.006	0.071	0.045	0.156
August	0.028	0.037	0.048	0.028	0.056
September	0.021	0.030	0.059	0.024	0.102
October	0.042	0.051	0.183	0.029	0.655
November	0.100	0.193	0.239	0.107	0.297
December	0.201	0.207	0.567	0.137	2.214
Year	0.182	0.269	3.014	0.024	6.179

	R.WYLYE AT SOUTH NEWTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1967-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	6.732	11.481	14.530	5.600	14.775
February	8.183	6.500	8.895	4.939	9.089
March	6.688	4.746	6.951	3.779	7.115
April	5.312	4.397	5.309	3.769	5.730
May	3.785	4.205	4.542	3.787	4.621
June	2.958	3.507	4.092	3.035	4.287
July	2.245	2.474	2.988	2.027	3.132
August	1.809	1.735	1.996	1.542	2.054
September	1.623	1.611	2.335	1.368	2.512
October	1.815	2.261	5.243	1.357	7.183
November	2.628	6.863	7.932	6.077	8.281
December	4.401	6.145	9.730	4.838	10.233
Year	3.993	4.651	14.530	1.357	14.775

	R.FROME AT STINSFORD				
	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.275	2.006	4.167	1.256	5.687
February	1.121	0.892	1.211	0.679	1.237
March	0.835	0.777	1.608	0.539	1.900
April	0.721	0.755	1.047	0.530	1.375
May	0.705	0.842	0.972	0.680	1.000
June	0.581	0.593	0.815	0.392	0.989
July	0.444	0.588	0.635	0.403	0.699
August	0.370	0.435	0.515	0.350	0.702
September	0.320	0.410	0.636	0.344	0.780
October	0.411	0.504	1.759	0.285	2.069
November	0.785	1.250	1.726	0.966	2.032
December	1.107	1.187	2.095	0.815	2.589
Year	0.721	0.845	4.167	-0.285	5.687

	R.WYLYE AT STOCKTON PARK				
	MONTHLY MEAN		DAILY MEAN		1998
	1994-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	5.256	7.561	9.650	4.495	9.960
February	5.221	3.835	5.411	2.813	5.500
March	3.983	2.943	4.360	2.403	4.670
April	2.730	3.039	3.882	2.406	4.560
May	1.992	2.695	3.060	2.286	3.170
June	1.461	2.170	2.936	1.798	3.310
July	1.097	1.538	1.898	1.285	2.110
August	0.895	1.079	1.270	0.992	1.430
September	0.868	0.992	1.544	0.885	1.720
October	1.000	1.702	5.470	0.886	7.580
November	2.248	5.262	7.249	4.190	7.870
December	2.944	4.252	7.505	3.247	8.306
Year	2.436	3.085	9.650	0.885	9.960

	SYDLING WATER AT SYDLING ST. NICHOLAS				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.291	0.576	0.763	0.412	1.304
February	0.326	0.291	0.400	0.219	0.406
March	0.283	0.247	0.290	0.205	0.368
April	0.226	0.246	0.294	0.201	0.366
May	0.167	0.211	0.276	0.177	0.282
June	0.136	0.158	0.165	0.140	0.215
July	0.107	0.126	0.136	0.116	0.170
August	0.090	0.099	0.112	0.092	0.115
September	0.085	0.094	0.120	0.090	0.148
October	0.107	0.159	0.379	0.090	0.521
November	0.158	0.327	0.426	0.229	0.508
December	0.229	0.290	0.505	0.208	0.748
Year	0.183	0.235	0.763	0.090	1.304

	R.STOUR AT THROOP				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	26.202	49.064	109.717	21.003	129.199
February	25.987	14.286	20.300	9.794	21.006
March	19.689	13.528	32.581	8.056	34.216
April	14.416	17.979	38.706	8.965	41.309
May	8.894	8.755	11.877	6.540	12.692
June	6.171	7.652	15.425	5.486	17.482
July	4.281	5.599	9.149	4.265	11.011
August	3.901	3.504	4.586	3.129	5.192
September	4.697	4.306	6.683	3.150	8.034
October	8.730	13.009	50.318	3.960	56.890
November	14.692	26.545	79.496	14.045	98.426
December	22.840	23.923	76.645	11.285	88.636
Year	13.316	15.708	109.717	3.129	129.199

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: South Wessex

	R.AVON AT UPAVON EAST						R.AVON AT UPAVON WEST						R.WEY AT UPWEY					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1972-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1989-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	1.053	1.214	2.212	0.844	2.630	January	1.319	2.012	3.869	1.030	4.496	January	0.384	0.705	0.770	0.487	0.772	
February	1.118	0.742	0.859	0.647	0.904	February	1.335	0.711	1.014	0.488	1.025	February	0.446	0.555	0.692	0.409	0.693	
March	1.022	0.697	0.935	0.587	1.034	March	1.057	0.615	1.223	0.459	1.607	March	0.429	0.273	0.310	0.252	0.322	
April	0.902	1.030	1.728	0.630	1.858	April	0.807	1.486	2.667	0.485	4.265	April	0.310	0.242	0.268	0.226	0.271	
May	0.760	0.732	0.901	0.624	0.985	May	0.490	0.665	1.040	0.403	1.046	May	0.223	0.258	0.277	0.227	0.284	
June	0.675	0.804	1.707	0.650	2.464	June	0.355	0.637	1.229	0.403	1.461	June	0.167	0.209	0.234	0.187	0.237	
July	0.575	0.636	0.803	0.562	0.927	July	0.218	0.421	0.849	0.307	1.018	July	0.124	0.165	0.187	0.141	0.190	
August	0.539	0.514	0.599	0.466	0.635	August	0.197	0.258	0.308	0.234	0.310	August	0.095	0.119	0.139	0.105	0.153	
Septembe	0.548	0.555	0.800	0.482	0.922	September	0.224	0.330	0.553	0.238	0.577	September	0.081	0.103	0.112	0.097	0.129	
October	0.602	0.709	1.871	0.536	2.707	October	0.333	0.648	2.026	0.314	3.829	October	0.093	0.106	0.158	0.092	0.182	
November	0.695	1.031	1.564	0.868	2.501	November	0.568	1.520	3.831	0.869	4.217	November	0.145	0.207	0.221	0.186	0.230	
December	0.878	1.122	2.340	0.821	2.801	December	1.000	1.317	3.436	0.734	4.063	December	0.262	0.300	0.518	0.213	0.524	
Year	0.780	0.816	2.340	0.466	2.801	Year	0.655	0.885	3.869	0.234	4.496	Year	0.235	0.264	0.770	0.092	0.772	

	R.ALLEN AT WALFORD MILL						R.NADDER AT WILTON						R.SOUTH WINTERBOURNE AT W'BOURNE STEEPLETON					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1974-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1974-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	3.555	7.311	9.054	4.696	9.795	January	4.827	8.096	15.067	4.412	22.397	January	0.180	0.449	0.667	0.298	0.884	
February	4.054	3.727	5.553	2.353	5.685	February	5.114	3.161	4.293	2.288	4.370	February	0.218	0.211	0.298	0.145	0.307	
March	3.203	2.077	3.217	1.706	3.475	March	4.215	2.765	6.216	2.099	6.753	March	0.195	0.104	0.160	0.077	0.218	
April	2.570	2.092	2.660	1.677	3.281	April	3.277	3.204	5.282	2.247	6.276	April	0.128	0.007	0.085	0.058	0.175	
May	1.525	1.948	2.337	1.496	2.354	May	2.387	2.559	2.775	2.332	3.084	May	0.089	0.008	0.085	0.067	0.103	
June	0.966	1.152	1.547	0.963	1.655	June	1.866	2.180	3.640	1.819	4.566	June	0.057	0.055	0.072	0.042	0.094	
July	0.623	0.725	0.878	0.638	0.910	July	1.458	1.626	2.263	1.254	4.398	July	0.034	0.030	0.040	0.021	0.057	
August	0.483	0.560	0.639	0.474	0.677	August	1.281	1.162	1.402	1.050	2.676	August	0.019	0.024	0.033	0.019	0.034	
Septembe	0.476	0.594	1.104	0.464	1.264	September	1.283	1.189	1.959	0.977	2.422	September	0.016	0.019	0.027	0.015	0.044	
October	0.809	1.007	2.343	0.684	2.869	October	1.780	2.685	8.918	1.058	12.609	October	0.017	0.017	0.041	0.013	0.113	
November	1.497	3.011	3.544	2.006	3.631	November	2.635	6.204	14.025	3.813	17.359	November	0.039	0.048	0.065	0.030	0.107	
December	2.517	3.056	4.189	2.514	5.078	December	3.838	4.027	9.022	2.800	11.198	December	0.108	0.108	0.229	0.057	0.280	
Year	1.828	2.266	9.054	0.464	9.795	Year	2.819	3.239	15.067	0.977	22.397	Year	0.095	0.101	0.667	0.013	0.884	

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.DART AT AUSTINS BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1958-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	20.265	28.752	81.572	7.894	175.910
February	17.386	4.799	7.905	3.247	9.853
March	13.626	16.467	78.732	3.756	111.388
April	9.841	16.692	32.344	5.874	60.326
May	6.923	5.518	11.039	3.670	11.884
June	5.017	8.594	30.117	4.199	64.296
July	3.852	7.091	20.684	4.256	51.242
August	4.453	3.392	8.914	2.214	26.772
September	5.902	7.590	50.152	2.251	67.294
October	10.975	24.833	95.390	6.118	203.703
November	15.456	20.049	60.222	8.363	152.924
December	19.639	20.652	79.291	6.145	186.351
Year	11.107	13.781	95.390	2.214	203.703

	R.EAST DART AT BELLEVER				
	MONTHLY MEAN		DAILY MEAN		1998
	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.112	2.694	9.651	0.061	27.258
February	1.803	0.470	1.001	0.323	1.397
March	1.410	1.855	11.757	0.508	17.879
April	0.975	1.828	3.551	0.557	7.416
May	0.756	0.548	1.037	0.335	1.159
June	0.662	1.248	5.322	0.469	14.182
July	0.530	1.018	3.853	0.493	10.702
August	0.597	0.504	2.259	0.307	6.198
September	0.794	1.375	8.413	0.303	12.012
October	1.304	3.000	14.355	0.667	39.795
November	1.710	2.076	8.138	0.781	24.756
December	2.135	2.251	10.985	0.563	36.405
Year	1.233	1.581	14.355	0.303	39.795

	WITHIEL STREAM AT BESSOM BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.651	0.837	2.442	0.201	4.179
February	0.463	0.103	0.186	0.073	0.193
March	0.303	0.436	1.800	0.075	2.042
April	0.277	0.579	0.994	0.126	1.199
May	0.156	0.199	0.602	0.075	0.849
June	0.202	0.229	0.463	0.084	0.635
July	0.081	0.135	0.210	0.104	0.468
August	0.070	0.074	0.124	0.050	0.152
September	0.100	0.092	0.352	0.043	0.611
October	0.342	0.784	2.681	0.168	6.897
November	0.562	0.577	1.946	0.182	2.264
December	0.616	0.443	1.627	0.151	3.315
Year	0.315	0.376	2.681	0.043	6.897

	BROOMHILL STREAM AT BROOMHILL				
	MONTHLY MEAN		DAILY MEAN		1998
	1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.034	0.057	0.148	0.017	0.307
February	0.032	0.013	0.017	0.010	0.018
March	0.020	0.017	0.056	0.009	0.115
April	0.016	0.021	0.043	0.011	0.089
May	0.009	0.009	0.016	0.005	0.040
June	0.006	0.008	0.017	0.005	0.027
July	0.005	0.007	0.034	0.004	0.160
August	0.003	0.004	0.006	0.003	0.009
September	0.005	0.010	0.040	0.003	0.260
October	0.010	0.031	0.213	0.005	0.369
November	0.018	0.042	0.077	0.025	0.140
December	0.029	0.032	0.130	0.016	0.282
Year	0.013	0.021	0.213	0.003	0.369

	COLEFORD WATER AT COLEFORD				
	MONTHLY MEAN		DAILY MEAN		1998
	1989-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.207	0.270	0.636	0.122	1.170
February	0.174	0.088	0.116	0.070	0.122
March	0.118	0.106	0.204	0.074	0.296
April	0.097	0.134	0.226	0.073	0.938
May	0.061	0.079	0.107	0.058	0.217
June	0.050	0.086	0.105	0.057	0.159
July	0.043	0.063	0.175	0.050	0.783
August	0.036	0.047	0.059	0.041	0.086
September	0.041	0.069	0.543	0.033	0.985
October	0.060	0.145	0.843	0.060	1.267
November	0.108	0.217	0.369	0.150	0.726
December	0.162	0.194	0.486	0.129	0.872
Year	0.110	0.124	0.843	0.033	1.267

	R.YEO AT COLLARD BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1995-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.735	5.347	15.943	1.522	22.292
February	2.324	0.880	1.398	0.694	1.576
March	2.473	4.507	18.473	0.700	24.003
April	1.872	3.847	8.746	2.410	10.855
May	1.032	0.979	2.178	0.511	2.309
June	1.297	1.460	3.528	0.573	6.397
July	1.457	2.782	7.976	1.309	13.586
August	1.015	1.117	2.118	0.624	3.106
September	0.967	1.430	2.563	0.591	2.855
October	3.265	7.835	41.480	0.741	63.733
November	4.413	6.392	25.555	2.471	32.942
December	4.032	4.899	15.616	1.902	20.523
Year	2.399	3.479	41.480	0.511	63.733

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.CREEDY AT COWLEY				
	MONTHLY MEAN		DAILY MEAN		1998
	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	8.895	11.730	38.750	2.701	58.621
February	7.567	1.653	2.525	1.177	2.610
March	4.894	3.047	7.783	1.310	17.470
April	3.132	4.437	9.050	1.724	20.365
May	2.079	1.581	3.507	0.838	4.121
June	1.263	1.598	3.229	0.896	7.134
July	0.774	1.102	2.683	0.692	8.843
August	0.675	0.520	0.855	0.393	0.991
September	0.961	1.836	30.918	0.400	83.488
October	2.635	7.709	50.799	1.275	85.087
November	4.419	7.176	16.892	3.478	31.041
December	7.405	5.840	22.008	2.384	44.971
Year	3.684	4.041	50.799	0.393	85.087

	R.OTTER AT DOTTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1962-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	5.560	7.486	24.654	2.281	56.406
February	5.134	1.957	2.781	1.693	3.862
March	3.943	3.169	7.804	1.670	11.424
April	2.890	5.646	15.277	2.199	30.824
May	2.201	1.896	3.157	1.424	8.210
June	1.724	2.476	4.578	1.403	9.882
July	1.446	1.691	3.256	1.270	4.496
August	1.400	1.153	1.479	1.033	1.916
September	1.642	2.039	20.028	1.057	52.202
October	2.536	6.628	31.809	1.225	57.565
November	3.879	3.780	7.226	1.923	16.060
December	4.914	4.252	17.931	1.728	35.035
Year	3.102	3.358	31.809	1.033	57.565

	MOWLISH STREAM AT DUCKALLER B				
	MONTHLY MEAN		DAILY MEAN		1998
	1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.058	0.146	0.399	0.074	1.542
February	0.066	0.046	0.071	0.028	0.072
March	0.047	0.031	0.059	0.025	0.101
April	0.037	0.053	0.094	0.026	0.226
May	0.026	0.035	0.043	0.027	0.055
June	0.019	0.030	0.056	0.022	0.173
July	0.013	0.019	0.026	0.015	0.045
August	0.011	0.015	0.022	0.012	0.025
September	0.010	0.016	0.062	0.011	0.112
October	0.014	0.031	0.106	0.013	0.157
November	0.022	0.061	0.085	0.046	0.147
December	0.038	0.061	0.205	0.040	0.574
Year	0.030	0.046	0.399	0.011	1.542

	MOWLISH STREAM AT DUCKALLER C				
	MONTHLY MEAN		DAILY MEAN		1998
	1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.069	0.115	0.253	0.062	0.512
February	0.080	0.042	0.062	0.030	0.062
March	0.066	0.035	0.076	0.026	0.128
April	0.055	0.053	0.093	0.031	0.188
May	0.042	0.036	0.047	0.026	0.047
June	0.032	0.029	0.063	0.022	0.182
July	0.020	0.020	0.030	0.015	0.069
August	0.020	0.014	0.020	0.011	0.023
September	0.020	0.020	0.098	0.012	0.234
October	0.027	0.039	0.129	0.016	0.247
November	0.034	0.055	0.086	0.040	0.175
December	0.053	0.054	0.145	0.037	0.314
Year	0.043	0.043	0.253	0.011	0.512

	R.WEST DART AT DUNNABRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1972-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	4.231	5.841	21.066	1.435	53.235
February	3.856	0.971	1.724	0.647	2.760
March	3.191	4.137	24.916	0.954	44.622
April	1.792	4.168	8.580	1.422	20.040
May	1.522	1.176	2.151	0.663	2.451
June	1.227	3.073	14.778	1.068	36.353
July	0.990	2.421	8.767	1.307	27.962
August	1.231	1.253	5.018	0.804	17.263
September	1.813	2.990	17.444	0.808	27.794
October	2.662	6.750	32.142	1.517	87.096
November	3.708	4.405	18.562	1.803	57.205
December	4.541	5.123	21.061	1.287	68.991
Year	2.514	3.545	32.142	0.647	87.096

	R.ERME AT ERMINGTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.249	4.305	13.737	1.257	30.945
February	2.992	0.734	1.265	0.512	1.692
March	2.355	3.044	13.849	0.548	28.225
April	1.456	2.555	5.933	1.161	16.194
May	0.986	0.780	1.500	0.486	1.998
June	0.847	1.700	7.906	0.605	19.857
July	0.682	1.409	5.667	0.653	16.338
August	0.858	1.636	1.845	0.404	2.857
September	1.122	1.420	8.800	0.396	14.629
October	1.997	3.818	18.559	0.783	72.913
November	2.698	2.911	10.273	1.368	27.056
December	3.267	4.041	13.375	0.960	49.266
Year	1.871	2.294	18.559	0.396	72.913

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.TALE AT FAIRMILE				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.763	0.819	4.000	0.007	9.848
February	0.624	0.001	0.011	0.000	0.061
March	0.482	0.078	0.769	0.000	2.040
April	0.426	0.933	5.238	0.074	10.366
May	0.272	0.010	0.044	0.000	0.183
June	0.218	0.069	0.702	0.000	1.939
July	0.158	0.004	0.051	0.000	0.175
August	0.186	N/A	N/A	N/A	0.000
September	0.177	0.110	3.269	0.000	9.017
October	0.317	0.017	0.488	0.000	1.458
November	0.524	N/A	N/A	N/A	0.000
December	0.738	N/A	N/A	N/A	0.000
Year	0.410	0.171	5.238	0.000	10.366

	R.OTTER AT FENNY BRIDGES				
	MONTHLY MEAN		DAILY MEAN		1998
	1974-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.768	5.169	15.858	1.519	42.289
February	3.389	1.309	1.885	1.109	3.313
March	2.681	2.348	6.511	1.138	10.241
April	2.000	4.106	11.556	1.528	24.166
May	1.366	1.278	3.153	0.880	8.832
June	1.054	1.753	4.042	0.914	8.802
July	0.751	1.126	2.441	0.815	3.564
August	0.812	0.722	1.077	0.625	1.488
September	1.043	1.321	12.221	0.647	23.827
October	1.886	3.280	21.603	0.740	37.958
November	2.687	2.638	5.332	1.275	12.915
December	3.603	3.183	14.311	1.213	27.325
Year	2.067	2.360	21.603	0.625	42.289

	BACK BROOK AT GOOSEMOOR				
	MONTHLY MEAN		DAILY MEAN		1998
	1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.084	0.170	2.025	0.014	10.000
February	0.077	0.011	0.014	0.007	0.028
March	0.047	0.030	0.186	0.006	0.354
April	0.032	0.068	0.256	0.012	1.259
May	0.022	0.007	0.014	0.003	0.025
June	0.014	0.009	0.031	0.003	0.106
July	0.005	0.005	0.019	0.002	0.071
August	0.007	0.002	0.003	0.001	0.004
September	0.008	0.050	1.360	0.001	10.000
October	0.027	0.065	0.937	0.002	10.000
November	0.047	0.049	0.207	0.100	1.281
December	0.103	0.068	0.906	0.080	10.000
Year	0.039	0.045	2.025	0.001	10.000

	HOOKMOOR BROOK AT GORHUISH				
	MONTHLY MEAN		DAILY MEAN		1998
	1990-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.672	0.935	3.204	0.139	11.601
February	0.461	0.080	0.132	0.051	0.271
March	0.370	0.508	2.895	0.076	9.095
April	0.278	0.497	2.013	0.180	9.950
May	0.132	0.098	0.336	0.036	0.372
June	0.104	0.204	0.686	0.073	2.982
July	0.103	0.355	2.381	0.073	14.978
August	0.057	0.072	0.252	0.032	0.765
September	0.128	0.183	1.568	0.033	5.936
October	0.349	1.002	8.878	0.100	24.249
November	0.572	0.665	1.694	0.169	4.987
December	0.679	0.721	3.746	0.145	22.136
Year	0.337	0.450	8.878	0.032	24.249

	R.LEW AT GRIBBLEFORD BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.235	4.426	17.507	0.506	46.143
February	2.679	0.303	0.581	0.193	1.140
March	1.767	2.253	12.933	0.336	32.524
April	1.135	2.294	8.755	0.740	25.420
May	0.454	0.353	1.220	0.117	1.367
June	0.396	1.027	3.670	0.249	11.671
July	0.470	1.271	7.327	0.236	29.124
August	0.320	0.280	1.155	0.113	2.217
September	0.664	0.841	3.686	0.114	9.737
October	1.859	4.452	34.244	0.376	87.171
November	2.631	3.132	8.289	0.811	20.141
December	2.924	3.036	15.797	0.558	50.631
Year	1.538	1.988	34.244	0.113	87.171

	R.OKEMENT AT JACOBSTOWE				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	4.770	6.163	14.249	1.468	24.323
February	4.251	0.958	1.366	0.726	1.759
March	3.185	3.528	12.250	0.846	17.928
April	1.797	3.487	6.718	1.337	12.642
May	1.451	1.154	2.822	0.610	3.307
June	1.097	2.359	6.554	0.982	11.137
July	0.803	2.309	8.296	0.927	17.340
August	0.788	0.910	2.266	0.586	3.600
September	1.551	1.884	14.565	0.583	21.792
October	2.438	5.468	18.855	1.507	29.848
November	3.731	4.966	10.978	1.937	16.932
December	4.548	4.248	14.704	1.355	25.315
Year	2.557	3.137	18.855	0.583	29.848

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.BRAY AT LEEHAMFORD BRIDGE					R.AVON AT LODDISWELL					R.WEST OKEMENT AT MELDON				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1979-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.148	1.309	3.587	0.405	11.122	6.038	9.065	26.210	2.610	60.648	1.100	1.582	6.193	0.102	16.836
February	0.814	0.247	0.377	0.191	0.547	6.205	1.472	2.411	0.980	2.616	0.895	0.130	0.159	0.100	0.165
March	0.744	1.313	7.484	0.197	16.103	4.586	5.517	20.326	0.997	36.708	0.756	0.909	4.253	0.094	8.822
April	0.472	1.237	1.954	0.656	2.430	2.595	4.413	8.832	2.228	13.950	0.398	0.837	2.576	0.096	4.696
May	0.269	0.296	0.589	0.172	1.197	1.917	1.635	3.390	0.900	3.629	0.302	0.173	1.392	0.102	1.942
June	0.302	0.718	1.447	0.213	3.443	1.679	2.529	7.673	0.919	15.158	0.226	0.154	3.461	0.108	6.422
July	0.268	0.892	3.112	0.427	9.583	1.116	2.474	6.241	1.252	12.082	0.238	0.673	3.733	0.104	12.795
August	0.322	0.411	0.880	0.248	1.189	1.136	1.065	1.933	0.703	2.186	0.234	0.170	0.855	0.110	1.831
September	0.441	0.643	1.282	0.243	1.608	1.720	1.850	11.470	0.715	14.354	0.254	0.749	7.621	0.114	11.739
October	1.021	2.262	8.629	0.371	26.400	2.922	7.535	36.934	1.781	75.229	0.706	1.832	10.395	0.153	21.812
November	1.089	1.191	3.597	0.557	4.795	4.929	5.699	13.951	2.759	34.411	0.945	1.092	4.609	0.128	11.050
December	1.191	1.159	4.412	0.458	9.628	6.306	7.651	30.054	1.957	72.379	1.166	1.150	6.479	0.160	15.530
Year	0.670	0.979	8.629	0.172	26.400	3.413	4.272	36.934	0.703	75.229	0.607	0.843	10.395	0.094	21.812

	R.LEW AT NORLEY BRIDGE					R.YEO AT PARKHAM					R.EXE AT PIXTON				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1975-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.029	1.526	6.332	0.219	17.255	0.344	0.447	1.892	0.087	6.490	8.244	12.621	38.552	2.482	42.272
February	0.868	0.127	0.200	0.085	0.357	0.262	0.054	0.081	0.040	0.158	7.160	1.344	2.204	0.965	8.268
March	0.555	0.744	4.122	0.148	10.213	0.235	0.378	2.065	0.061	6.215	5.460	8.238	38.310	1.061	46.389
April	0.377	0.767	2.396	0.276	7.016	0.116	0.180	0.421	0.083	1.436	3.538	7.176	14.910	1.961	15.938
May	0.155	0.147	0.396	0.060	0.430	0.065	0.047	0.092	0.026	0.176	2.544	2.373	6.811	1.122	7.306
June	0.145	0.295	0.883	0.106	3.588	0.055	0.075	0.217	0.039	0.688	1.937	4.121	8.918	1.445	11.479
July	0.146	0.439	2.452	0.108	8.859	0.043	0.173	0.781	0.048	2.789	1.355	2.688	6.634	1.647	12.902
August	0.094	0.125	0.493	0.056	0.691	0.056	0.049	0.129	0.029	0.237	1.552	1.236	2.203	0.862	2.596
September	0.215	0.326	1.047	0.055	3.379	0.073	0.082	0.186	0.028	0.356	2.205	1.711	3.332	0.918	4.615
October	0.606	1.491	10.139	0.157	22.414	0.240	0.592	3.130	0.052	8.480	4.877	12.572	45.384	2.224	59.423
November	0.862	1.078	3.019	0.337	8.476	0.334	0.480	1.179	0.175	3.982	6.701	9.638	34.626	2.889	43.203
December	0.930	0.986	5.015	0.250	15.080	0.391	0.527	1.994	0.141	7.121	7.999	7.933	35.010	2.128	48.218
Year	0.500	0.676	10.139	0.055	22.414	0.183	0.259	3.130	0.026	8.480	4.440	6.012	45.384	0.862	59.423

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	COLATON STREAM AT POPHAMS FARM						R.TEIGN AT PRESTON						TRIB. TO R. OTTER AT RIGGLES FARM					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1956-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1970-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	0.068	0.085	0.222	0.056	0.332	January	19.965	31.368	84.019	9.704	122.794	January	0.004	0.006	0.008	0.006	0.008	
February	0.073	0.048	0.054	0.043	0.057	February	18.175	5.560	8.989	3.735	9.568	February	0.004	0.005	0.005	0.004	0.005	
March	0.059	0.061	0.185	0.040	0.244	March	12.486	11.128	37.027	3.839	62.031	March	0.004	0.005	0.005	0.004	0.005	
April	0.050	0.077	0.176	0.044	0.219	April	8.446	14.452	27.365	4.956	44.387	April	0.004	0.005	0.005	0.004	0.005	
May	0.044	0.041	0.059	0.032	0.091	May	5.492	5.530	22.514	3.036	12.489	May	0.003	0.004	0.005	0.004	0.005	
June	0.034	0.048	0.085	0.031	0.157	June	3.588	4.573	7.772	2.671	16.780	June	0.002	0.003	0.004	0.003	0.004	
July	0.027	0.038	0.063	0.029	0.093	July	2.364	3.458	8.513	2.183	17.257	July	0.001	0.002	0.003	0.002	0.003	
August	0.027	0.028	0.038	0.025	0.054	August	2.348	1.762	2.763	1.306	5.044	August	0.001	0.002	0.002	0.001	0.002	
September	0.030	0.042	0.225	0.026	0.542	September	3.468	4.490	46.682	1.304	94.981	September	0.001	0.001	0.002	0.001	0.002	
October	0.041	0.060	0.268	0.028	0.554	October	7.623	17.872	68.834	4.230	113.988	October	0.001	0.002	0.005	0.001	0.007	
November	0.049	0.061	0.141	0.038	0.294	November	11.494	19.569	40.242	8.069	75.996	November	0.002	0.003	0.005	0.003	0.005	
December	0.062	0.063	0.210	0.039	0.583	December	17.326	15.642	64.239	5.938	104.720	December	0.003	0.003	0.006	0.002	0.006	
Year	0.047	0.054	0.268	0.025	0.583	Year	9.355	11.336	84.019	1.304	122.794	Year	0.003	0.003	0.008	0.001	0.008	

	TRIB. TO R. YARTY AT ROCK						R.TORRIDGE AT ROCKHAY BRIDGE						WEST HILL STREAM AT SALSTON					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	0.046	0.079	0.084	0.063	0.087	January	13.801	19.391	79.725	2.953	103.475	January	0.050	0.090	0.270	0.042	1.073	
February	0.055	0.077	0.084	0.071	0.085	February	11.603	1.965	4.133	1.385	4.833	February	0.051	0.035	0.042	0.030	0.053	
March	0.058	0.067	0.074	0.057	0.074	March	7.982	13.802	71.332	1.856	50.528	March	0.042	0.039	0.104	0.025	0.201	
April	0.055	0.060	0.064	0.056	0.064	April	4.790	8.439	26.979	3.852	37.200	April	0.036	0.060	0.177	0.031	0.380	
May	0.048	0.053	0.061	0.047	0.063	May	2.199	1.817	4.304	0.871	4.778	May	0.026	0.027	0.040	0.020	0.116	
June	0.042	0.045	0.049	0.041	0.049	June	2.341	4.255	11.151	1.048	28.502	June	0.020	0.027	0.048	0.017	0.190	
July	0.038	0.043	0.047	0.040	0.048	July	2.370	7.033	49.774	1.610	61.347	July	0.015	0.021	0.036	0.016	0.073	
August	0.035	0.042	0.044	0.037	0.047	August	1.868	2.016	7.001	1.037	14.530	August	0.014	0.013	0.017	0.011	0.020	
September	0.032	0.035	0.040	0.033	0.042	September	3.247	4.128	12.733	1.000	19.094	September	0.014	0.024	0.221	0.011	0.947	
October	0.032	0.034	0.036	0.030	0.037	October	8.696	21.078	101.027	1.626	121.011	October	0.022	0.037	0.230	0.012	0.623	
November	0.032	0.036	0.038	0.033	0.039	November	12.890	15.054	42.010	4.227	91.038	November	0.027	0.040	0.078	0.019	0.380	
December	0.039	0.038	0.041	0.037	0.042	December	13.473	15.396	75.357	3.444	99.839	December	0.042	0.035	0.118	0.015	0.344	
Year	0.043	0.051	0.084	0.030	0.087	Year	7.136	9.610	101.027	0.871	121.011	Year	0.030	0.037	0.270	0.011	1.073	

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	STAPLAKE STREAM AT STAPLAKE				
	MONTHLY MEAN		DAILY MEAN		1998
	1970-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.013	0.012	0.076	0.002	0.857
February	0.015	0.004	0.064	0.003	0.008
March	0.013	0.004	0.006	0.003	0.010
April	0.011	0.004	0.007	0.002	0.017
May	0.010	0.003	0.004	0.003	0.005
June	0.009	0.004	0.008	0.002	0.054
July	0.008	0.003	0.004	0.003	0.005
August	0.008	0.003	0.003	0.003	0.004
September	0.008	0.003	0.011	0.003	0.058
October	0.008	0.003	0.008	0.002	0.031
November	0.009	0.004	0.010	0.003	0.088
December	0.011	0.005	0.039	0.003	0.105
Year	0.010	0.005	0.076	0.002	0.857

	R.EXE AT STOODLEIGH				
	MONTHLY MEAN		DAILY MEAN		1998
	1960-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	22.496	32.469	103.859	8.163	152.718
February	19.120	4.771	7.518	3.716	7.858
March	15.042	22.021	99.291	3.869	147.178
April	10.600	21.873	33.515	9.143	44.505
May	6.859	6.406	14.422	3.365	15.324
June	4.950	11.724	22.200	3.801	33.552
July	4.217	9.932	32.131	5.325	66.900
August	4.922	4.564	10.084	3.030	15.324
September	6.761	7.059	13.849	2.969	18.009
October	13.507	34.149	137.589	6.864	178.265
November	19.349	23.865	72.698	9.245	98.159
December	22.719	20.404	82.635	6.762	131.853
Year	12.487	16.705	137.589	2.969	178.265

	COLATON STREAM AT STOWFORD				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.004	0.002	0.005	0.001	0.013
February	0.005	0.003	0.004	0.001	0.005
March	0.005	0.005	0.012	0.002	0.018
April	0.005	0.007	0.014	0.002	0.019
May	0.005	0.004	0.006	0.001	0.010
June	0.005	0.004	0.009	0.001	0.015
July	0.004	0.003	0.007	0.001	0.019
August	0.004	0.000	0.002	0.000	0.003
September	0.004	0.003	0.010	0.001	0.012
October	0.005	0.002	0.006	0.000	0.009
November	0.004	0.005	0.009	0.002	0.019
December	0.005	0.006	0.012	0.003	0.017
Year	0.005	0.004	0.014	0.000	0.019

	R.TAW AT TAW BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	4.165	6.563	15.460	2.206	29.322
February	3.504	1.340	2.176	0.847	2.636
March	2.544	3.632	12.310	1.215	20.186
April	1.578	3.552	6.317	1.526	12.066
May	1.003	1.387	2.669	0.782	2.847
June	0.668	1.922	3.559	1.067	5.584
July	0.469	1.616	4.543	0.850	12.434
August	0.449	0.814	1.593	0.580	2.807
September	0.868	2.339	20.330	0.185	26.856
October	2.135	9.438	21.543	5.732	31.293
November	3.057	7.103	11.020	4.589	15.443
December	3.817	3.967	19.804	1.161	50.495
Year	2.023	3.657	21.543	0.185	50.495

	R. EXE AT THORVERTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1956-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	29.727	44.080	149.668	9.631	206.382
February	25.213	5.508	8.870	3.907	9.317
March	18.810	27.002	118.522	4.389	176.706
April	13.274	28.084	41.494	10.465	55.762
May	8.186	7.499	17.552	3.864	19.401
June	5.883	14.133	28.615	4.414	45.089
July	4.723	11.429	42.159	5.634	89.757
August	6.123	4.806	10.140	2.997	17.376
September	8.679	7.586	22.953	3.023	29.878
October	16.972	43.654	183.679	7.221	250.903
November	23.485	34.412	111.633	12.484	182.104
December	30.287	28.062	112.862	9.004	168.518
Year	15.934	21.488	183.679	2.997	250.903

	R.TORRIDGE AT TORRINGTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1960-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	30.206	46.413	183.700	7.396	251.234
February	24.560	4.697	8.864	3.268	9.762
March	17.915	27.038	118.504	3.853	195.691
April	11.122	20.207	50.756	8.896	79.865
May	7.252	4.839	12.726	2.278	14.561
June	4.819	10.790	27.702	2.968	53.132
July	4.406	13.437	72.618	3.678	132.147
August	4.848	3.860	10.152	2.136	17.880
September	7.274	8.021	33.763	2.164	73.519
October	16.971	45.100	244.336	4.522	371.775
November	26.810	35.175	104.130	10.667	252.495
December	30.565	33.294	155.850	7.984	227.335
Year	15.514	21.235	244.336	2.136	371.775

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.TAW AT UMBERLEIGH						R.HADDEO AT UPTON						TRIB. TO R. HADDEO AT UPTON TRIB					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1958-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1993-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1993-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	36.319	50.444	176.481	9.257	240.887	January	0.423	0.554	1.632	0.147	3.521	January	0.103	0.135	0.362	0.035	1.132	January
February	28.598	5.196	8.459	3.583	8.858	February	0.306	0.077	0.136	0.047	0.224	February	0.075	0.020	0.032	0.014	0.047	February
March	20.771	29.993	110.415	4.611	167.016	March	0.214	0.301	1.166	0.061	2.112	March	0.052	0.082	0.346	0.018	0.728	March
April	14.309	28.899	50.115	13.744	75.862	April	0.187	0.388	0.750	0.120	1.218	April	0.045	0.097	0.221	0.036	0.422	April
May	8.593	6.436	17.247	2.967	19.037	May	0.105	0.131	0.348	0.060	2.700	May	0.025	0.033	0.083	0.015	0.538	May
June	5.489	11.600	24.491	3.568	53.261	June	0.136	0.200	0.505	0.069	1.341	June	0.033	0.050	0.156	0.015	0.627	June
July	4.814	14.828	48.462	5.225	91.336	July	0.055	0.120	0.302	0.077	1.035	July	0.014	0.032	0.081	0.020	0.212	July
August	5.512	4.569	9.213	2.490	11.710	August	0.049	0.047	0.119	0.026	0.151	August	0.012	0.013	0.031	0.007	0.039	August
September	8.410	9.028	49.805	2.618	64.820	September	0.064	0.064	0.386	0.024	0.825	September	0.015	0.015	0.082	0.006	0.177	September
October	19.386	52.443	282.698	6.841	453.270	October	0.203	0.482	2.092	0.096	3.248	October	0.050	0.114	0.492	0.026	0.903	October
November	30.218	42.722	135.906	13.825	271.000	November	0.335	0.367	1.005	0.129	1.221	November	0.085	0.096	0.227	0.042	0.328	November
December	36.517	34.539	141.844	10.484	203.185	December	0.410	0.309	1.210	0.111	2.974	December	0.101	0.079	0.289	0.031	0.885	December
Year	18.184	24.394	282.698	2.490	453.270	Year	0.203	0.255	2.092	0.024	3.521	Year	0.050	0.064	0.492	0.006	1.132	Year

	R.WEST OKEMENT AT VELLAKE						R.YEO AT VERABY						TRIB. TO R. AXE AT WAYFORD					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	1.102	1.384	6.119	0.170	17.138	January	3.060	4.405	19.303	0.730	38.652	January	0.005	0.006	0.008	0.005	0.014	January
February	0.885	0.152	0.403	0.121	0.472	February	2.620	0.420	0.672	0.299	0.919	February	0.006	0.006	0.006	0.005	0.006	February
March	0.807	1.089	7.647	0.123	12.128	March	1.844	3.094	22.742	0.355	43.868	March	0.007	0.006	0.007	0.006	0.007	March
April	0.461	0.979	2.244	0.214	4.954	April	1.300	2.289	3.717	0.039	6.428	April	0.007	0.006	0.008	0.006	0.012	April
May	0.366	0.177	0.449	0.098	0.491	May	0.653	0.546	1.416	0.294	1.560	May	0.007	0.007	0.007	0.006	0.007	May
June	0.341	0.935	3.867	0.133	7.920	June	0.585	1.115	3.972	0.343	13.134	June	0.007	0.007	0.006	0.007	0.008	June
July	0.332	0.737	3.867	0.160	13.802	July	0.509	1.687	9.807	0.556	26.449	July	0.006	0.006	0.007	0.006	0.007	July
August	0.386	0.267	1.405	0.105	4.117	August	0.675	0.571	1.410	0.320	2.151	August	0.006	0.006	0.007	0.006	0.007	August
September	0.514	0.892	7.244	0.118	11.580	September	1.005	1.085	2.313	0.347	4.388	September	0.005	0.006	0.006	0.005	0.006	September
October	0.900	1.747	9.256	0.167	21.153	October	1.937	7.127	65.206	0.725	99.257	October	0.005	0.006	0.007	0.006	0.008	October
November	0.971	0.978	4.824	0.238	11.708	November	2.817	3.333	17.276	1.004	32.538	November	0.005	0.006	0.006	0.005	0.007	November
December	1.151	1.179	6.199	0.155	16.026	December	3.076	2.926	17.254	0.704	36.190	December	0.005	0.006	0.007	0.005	0.011	December
Year	0.693	0.881	9.256	0.098	21.153	Year	1.673	2.404	65.206	0.294	99.257	Year	0.006	0.006	0.008	0.005	0.014	Year

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Devon

	R.AXE AT WHITFORD				
	MONTHLY MEAN		DAILY MEAN		1998
	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	9.535	15.886	53.187	3.932	95.988
February	8.413	3.282	4.285	2.872	5.566
March	6.299	6.240	22.812	2.940	31.193
April	4.545	10.762	36.438	4.035	63.360
May	3.429	2.909	4.812	2.219	8.923
June	2.610	4.855	12.345	2.329	25.912
July	1.920	2.631	4.817	1.841	7.220
August	2.183	1.609	1.989	1.389	2.267
September	2.573	2.725	18.936	1.437	23.991
October	4.529	9.498	65.030	1.801	101.517
November	6.718	8.118	23.286	3.083	45.462
December	8.544	8.437	50.091	2.696	80.852
Year	5.112	6.436	65.030	1.389	101.517

	R. HADDEO AT WIMBLEBALL				
	MONTHLY MEAN		DAILY MEAN		1998
	1979-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.802	1.633	5.755	0.015	6.856
February	0.580	0.031	0.347	0.017	5.636
March	0.490	0.495	2.827	0.017	3.007
April	0.365	1.062	2.161	0.028	2.371
May	0.230	0.207	1.025	0.016	1.102
June	0.262	0.110	0.469	0.016	0.541
July	0.312	0.019	0.026	0.015	0.040
August	0.332	0.152	0.521	0.024	0.526
September	0.256	0.097	0.521	0.029	0.526
October	0.126	0.277	5.770	0.025	7.221
November	0.208	1.097	4.560	0.097	5.786
December	0.424	0.710	4.011	0.016	5.220
Year	0.340	0.493	5.770	0.015	7.221

	R.HEMS AT WOODLANDS				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.164	0.150	0.869	0.003	3.456
February	0.142	0.001	0.002	0.000	0.003
March	0.106	0.048	0.478	0.000	2.183
April	0.055	0.016	0.059	0.000	0.296
May	0.028	0.001	0.006	0.000	0.007
June	0.013	0.000	0.002	0.000	0.009
July	0.005	0.000	0.011	0.000	0.238
August	0.008	0.000	0.000	0.000	0.000
September	0.012	0.000	0.006	0.000	0.015
October	0.064	0.061	0.976	0.000	3.190
November	0.108	0.025	0.164	0.004	1.181
December	0.164	0.084	1.304	0.001	5.944
Year	0.072	0.033	1.304	0.000	5.944

	R.MOLE AT WOODLEIGH				
	MONTHLY MEAN		DAILY MEAN		1998
	1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	16.009	21.366	74.068	4.620	119.740
February	12.893	2.710	4.262	1.963	4.880
March	9.647	15.496	63.767	2.415	99.312
April	6.412	14.056	23.896	7.182	26.739
May	4.286	3.370	8.328	1.788	8.967
June	3.209	6.489	15.170	1.860	35.625
July	3.024	9.952	34.986	3.937	63.714
August	3.508	3.494	7.467	1.949	8.967
September	4.697	5.560	11.180	1.956	14.101
October	9.891	27.078	139.194	3.945	189.954
November	14.338	19.546	73.650	6.638	120.435
December	16.782	15.469	61.416	5.201	95.737
Year	8.690	12.132	139.194	1.788	189.954

	R. CULM AT WOODMILL				
	MONTHLY MEAN		DAILY MEAN		1998
	1962-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	6.662	9.468	31.805	2.962	52.001
February	6.075	2.595	3.696	2.154	5.821
March	4.660	4.268	11.871	2.231	16.282
April	3.420	6.154	13.583	2.611	27.389
May	2.588	2.439	3.688	1.926	10.687
June	1.954	3.149	7.281	1.847	14.195
July	1.654	2.175	3.574	1.730	6.035
August	1.593	1.593	1.952	1.409	2.355
September	1.853	1.853	10.536	1.415	13.872
October	2.934	2.934	36.984	1.603	65.596
November	4.531	4.531	12.647	2.710	29.146
December	5.947	5.947	24.530	2.306	45.281
Year	3.673	3.640	36.984	1.409	65.596

	TRIB. TO. R. OTTER AT YALHAM FARM				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.004	0.005	0.005	0.004	0.007
February	0.005	0.004	0.005	0.003	0.005
March	0.005	0.004	0.005	0.004	0.005
April	0.004	0.004	0.005	0.004	0.005
May	0.004	0.004	0.005	0.003	0.010
June	0.004	0.003	0.005	0.003	0.006
July	0.003	0.003	0.004	0.003	0.004
August	0.003	0.003	0.003	0.003	0.003
September	0.003	0.003	0.004	0.003	0.004
October	0.003	0.003	0.008	0.003	0.010
November	0.004	0.004	0.009	0.003	0.010
December	0.004	0.003	0.005	0.003	0.006
Year	0.004	0.004	0.009	0.003	0.010

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	WITHEY BROOK AT BASTREET				
	MONTHLY MEAN		DAILY MEAN		1998
	1972-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.123	1.715	5.028	0.561	11.414
February	0.924	0.323	0.527	0.187	0.874
March	0.686	0.596	2.371	0.208	6.390
April	0.452	0.698	2.616	0.323	7.079
May	0.299	0.350	0.662	0.179	0.717
June	0.236	0.392	1.131	0.223	2.660
July	0.195	0.536	2.293	0.227	5.267
August	0.236	0.218	0.579	0.117	1.178
September	0.335	0.420	2.156	0.120	4.475
October	0.630	1.483	7.426	0.254	16.047
November	0.962	1.014	3.706	0.752	9.258
December	1.116	1.250	5.367	0.545	12.322
Year	0.598	0.804	7.426	0.117	16.047

	R.INNY AT BEALS MILL				
	MONTHLY MEAN		DAILY MEAN		1998
	1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	6.422	9.323	25.107	2.790	35.939
February	5.829	1.723	2.609	1.292	2.713
March	4.555	4.350	13.150	1.380	23.468
April	2.694	4.299	10.168	2.291	14.610
May	1.713	2.216	5.113	1.214	5.336
June	1.394	1.755	2.418	1.202	3.699
July	1.095	2.244	4.773	1.244	10.014
August	0.888	1.291	2.026	0.901	3.344
September	1.356	2.095	4.025	0.884	5.622
October	3.012	6.325	29.511	1.625	42.157
November	5.270	8.008	14.010	3.801	25.754
December	6.142	6.717	24.239	2.868	35.558
Year	3.395	4.281	29.511	0.884	42.157

	R. CARNON AT BISSOE				
	MONTHLY MEAN		DAILY MEAN		1998
	1994-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.942	2.319	3.774	1.254	4.672
February	1.474	0.853	1.219	0.594	1.234
March	1.014	0.783	1.080	0.592	1.967
April	0.673	0.903	1.710	0.628	2.116
May	0.589	1.008	1.618	0.733	1.643
June	0.446	0.686	0.821	0.598	1.413
July	0.350	0.517	0.657	0.553	1.013
August	0.381	0.374	0.448	0.337	0.578
September	0.350	0.321	0.389	0.266	0.688
October	0.471	0.543	1.826	0.268	2.292
November	1.152	1.886	2.745	1.325	5.569
December	1.329	1.630	3.307	1.061	5.106
Year	0.828	0.987	3.774	0.266	5.569

	R.ST.NEOT AT COLLIFORD WEIR				
	MONTHLY MEAN		DAILY MEAN		1998
	1983-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.111	0.000	0.000	0.000	0.002
February	0.192	0.000	0.011	0.000	0.134
March	0.175	0.000	0.000	0.000	0.000
April	0.168	0.001	0.003	0.000	0.064
May	0.229	0.028	0.147	0.000	0.065
June	0.315	0.026	0.144	0.000	0.144
July	0.354	0.010	0.107	0.000	0.119
August	0.395	0.171	0.413	0.000	0.433
September	0.273	0.120	0.387	0.003	0.397
October	0.163	0.002	0.011	0.001	0.233
November	0.092	0.001	0.002	0.001	0.021
December	0.072	0.002	0.021	0.001	1.168
Year	0.223	0.030	0.413	0.000	1.168

	R.ST.NEOT AT CRAIGSHILL WOOD				
	MONTHLY MEAN		DAILY MEAN		1998
	1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.136	1.073	2.045	0.482	2.526
February	1.084	0.334	0.466	0.269	0.473
March	0.869	0.479	0.710	0.267	0.826
April	0.594	0.659	1.220	0.450	1.515
May	0.489	0.454	0.686	0.313	0.713
June	0.482	0.314	0.438	0.246	0.560
July	0.456	0.365	0.457	0.275	0.608
August	0.499	0.448	0.685	0.273	0.833
September	0.506	0.443	0.705	0.288	0.768
October	0.668	0.655	1.962	0.321	2.550
November	0.872	0.975	1.386	0.673	2.226
December	1.125	0.819	2.131	0.460	3.626
Year	0.735	0.587	2.131	0.246	3.626

	R.TAMAR AT CROWFORD BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1972-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.279	4.152	14.045	0.722	15.806
February	2.569	0.482	1.032	0.268	1.454
March	2.020	3.132	12.045	0.403	15.041
April	1.090	2.644	5.909	1.096	8.597
May	0.618	0.416	1.095	0.187	1.167
June	0.465	0.763	4.140	0.212	7.729
July	0.514	1.903	13.911	0.377	15.207
August	0.560	0.473	1.967	0.240	3.143
September	0.825	0.859	3.304	0.235	5.545
October	1.888	4.077	16.951	0.308	19.829
November	2.990	4.151	12.639	0.969	16.298
December	3.369	3.563	13.442	0.980	16.373
Year	1.685	2.240	16.951	0.187	19.829

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	R.DE LANK AT DE LANK				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.412	1.693	4.601	0.674	8.338
February	1.132	0.416	0.635	0.284	0.712
March	0.912	0.878	2.588	0.309	4.719
April	0.602	0.997	2.962	0.580	5.565
May	0.406	0.462	0.893	0.260	0.987
June	0.332	0.454	0.965	0.276	2.324
July	0.306	0.700	2.410	0.338	3.992
August	0.346	0.356	0.675	0.228	1.026
September	0.440	0.664	1.787	0.219	2.661
October	0.758	1.442	7.394	0.396	12.698
November	1.167	1.623	3.006	0.931	6.759
December	1.292	1.445	4.873	0.729	9.773
Year	0.756	0.931	7.394	0.219	12.698

	R.CAMEL AT DENBY				
	MONTHLY MEAN		DAILY MEAN		1998
	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	11.760	15.944	41.856	5.806	65.187
February	9.767	3.483	5.454	2.449	5.627
March	7.034	6.246	13.175	2.531	21.892
April	4.742	8.108	18.637	4.725	28.954
May	3.330	4.312	8.125	2.609	8.655
June	2.743	3.176	4.931	2.203	7.724
July	2.366	4.194	9.390	2.346	14.628
August	2.378	2.422	3.739	1.779	4.876
September	2.938	3.484	6.499	1.782	7.830
October	5.435	9.858	56.720	2.581	78.337
November	8.649	14.626	29.501	9.654	60.473
December	11.001	13.176	44.017	6.140	73.177
Year	6.023	7.452	56.720	1.779	78.337

	R.CARNON AT DEVORAN BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1991-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.751	4.406	7.377	2.152	8.945
February	1.975	1.309	2.027	0.809	2.123
March	1.299	1.294	1.915	0.835	3.600
April	0.996	1.639	3.616	0.981	4.355
May	0.853	1.687	3.326	1.088	3.731
June	0.797	1.033	1.239	0.806	1.947
July	0.565	0.985	1.388	0.733	1.894
August	0.673	1.059	1.209	0.922	1.420
September	0.733	1.047	1.438	0.836	2.228
October	0.925	1.500	4.757	0.735	5.745
November	1.865	3.986	5.829	2.697	10.705
December	2.346	3.185	7.082	1.932	10.730
Year	1.501	1.933	7.377	0.733	10.730

	R.WOLF AT GERMANSWEEK				
	MONTHLY MEAN		DAILY MEAN		1998
	1991-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.529	0.742	2.680	0.137	10.752
February	0.340	0.072	0.121	0.041	0.195
March	0.248	0.348	1.555	0.052	3.021
April	0.229	0.457	2.263	0.166	14.533
May	0.112	0.080	0.261	0.027	0.280
June	0.102	0.158	0.411	0.048	1.216
July	0.089	0.242	0.953	0.067	3.987
August	0.063	0.105	0.451	0.042	0.660
September	0.109	0.163	0.470	0.040	1.373
October	0.274	0.707	6.022	0.092	29.573
November	0.472	0.540	1.284	0.210	4.002
December	0.468	0.491	2.132	0.160	10.407
Year	0.260	0.345	6.022	0.027	29.573

	R.TAMAR AT GUNNISLAKE				
	MONTHLY MEAN		DAILY MEAN		1998
	1956-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	45.509	59.192	208.029	13.344	283.390
February	36.356	7.996	12.331	5.770	12.835
March	25.305	28.379	91.490	6.073	150.350
April	16.584	29.084	70.242	12.559	128.103
May	10.584	9.470	23.875	5.050	26.066
June	7.079	11.566	26.518	5.179	42.989
July	6.292	15.443	51.366	6.382	93.943
August	7.845	6.528	12.618	4.731	17.963
September	11.041	9.832	24.100	4.751	43.277
October	22.118	45.077	248.019	7.564	357.697
November	35.816	53.516	135.909	18.229	307.760
December	44.101	43.989	178.285	14.137	247.380
Year	22.350	26.834	248.019	4.731	357.697

	R.GANNEL AT GWILLS				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.476	2.210	4.519	0.952	9.871
February	1.356	0.578	0.895	0.395	0.930
March	0.946	0.642	1.195	0.412	2.107
April	0.630	0.887	1.814	0.479	5.171
May	0.399	0.652	1.068	0.393	1.886
June	0.308	0.485	0.899	0.339	3.017
July	0.202	0.371	0.790	0.274	2.260
August	0.188	0.240	0.329	0.197	0.636
September	0.227	0.279	0.477	0.198	1.320
October	0.475	0.657	2.814	0.237	5.765
November	0.909	1.675	2.757	1.146	8.245
December	1.300	1.690	4.301	0.861	16.786
Year	0.698	0.867	4.519	0.197	16.786

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	R.THRUSHEL AT HAYNE BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.700	3.451	13.353	0.561	27.683
February	2.300	0.340	0.551	0.228	0.813
March	1.400	1.778	7.399	0.270	15.962
April	1.044	2.272	6.715	0.804	18.767
May	0.450	0.413	1.211	0.169	1.316
June	0.409	1.092	3.378	0.212	12.160
July	0.418	1.333	7.528	0.361	24.686
August	0.261	0.357	1.252	0.174	1.831
September	0.496	0.672	3.944	0.151	14.281
October	1.380	2.995	22.003	0.430	39.143
November	2.176	2.893	7.249	0.844	19.504
December	2.475	2.724	11.977	0.650	28.433
Year	1.284	1.704	22.003	0.151	39.143

	R.WALKHAM AT HORRABRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1974-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.780	3.896	10.812	1.417	24.151
February	2.458	0.899	0.335	0.645	1.767
March	2.059	2.330	8.784	0.752	14.567
April	1.433	2.719	4.804	1.360	8.780
May	0.949	1.097	2.112	0.617	2.228
June	0.833	1.720	6.000	0.752	15.679
July	0.723	1.732	4.884	1.177	16.703
August	0.817	0.912	2.010	0.608	5.837
September	1.004	1.292	4.647	0.592	6.648
October	1.775	3.208	12.829	0.968	31.113
November	2.423	3.257	7.794	1.638	18.485
December	2.889	3.288	10.345	1.275	28.184
Year	1.684	2.206	12.829	0.592	31.113

	R.LYD AT LIFTON PARK				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	9.886	11.188	36.168	2.767	67.905
February	8.355	1.732	2.767	1.241	3.076
March	6.085	5.974	17.123	1.372	29.822
April	3.600	7.661	19.800	3.478	37.762
May	2.343	2.228	5.533	1.143	5.916
June	1.995	4.156	7.851	1.245	20.896
July	1.770	4.803	17.164	1.920	45.918
August	1.699	1.715	4.384	0.924	5.233
September	2.255	2.359	9.089	0.922	24.459
October	3.641	9.487	63.112	2.052	118.856
November	6.685	11.663	24.215	4.857	41.926
December	8.464	9.774	34.322	3.606	66.537
Year	4.620	6.093	63.112	0.922	118.856

	R.TAYY AT LUDBROOK				
	MONTHLY MEAN		DAILY MEAN		1998
	1981-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	12.069	16.905	44.230	4.384	102.130
February	9.028	2.966	4.115	2.157	5.192
March	6.906	10.003	41.671	2.623	59.632
April	5.478	11.634	23.523	4.549	43.872
May	3.112	3.662	8.604	2.187	10.493
June	3.079	8.443	25.083	2.619	58.212
July	2.701	7.649	26.955	3.660	91.171
August	2.814	3.232	8.367	1.943	24.353
September	3.361	5.215	21.672	1.994	32.063
October	6.840	13.017	53.735	3.133	123.825
November	10.141	13.928	30.914	5.781	63.957
December	11.910	13.462	45.030	4.065	118.146
Year	6.439	9.222	53.735	1.943	123.825

	R.LUMBURN AT LUMBURN BRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.961	1.697	4.095	0.523	7.023
February	0.852	0.295	0.482	0.210	0.547
March	0.701	0.684	1.326	0.210	1.863
April	0.496	0.849	1.937	0.420	3.449
May	0.307	0.401	0.855	0.229	0.897
June	0.217	0.564	0.843	0.217	2.336
July	0.169	0.486	1.014	0.291	3.140
August	0.174	0.305	0.459	0.217	0.489
September	0.199	0.224	0.315	0.182	0.935
October	0.439	0.751	3.255	0.168	6.009
November	0.719	1.304	2.216	0.657	4.136
December	0.974	1.119	4.016	0.487	11.455
Year	0.516	0.722	4.095	0.168	11.455

	HENNARDS STREAM AT MOORS MILL				
	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.366	0.476	1.819	0.088	7.627
February	0.228	0.047	0.078	0.029	0.106
March	0.167	0.219	0.849	0.034	1.830
April	0.144	0.275	0.662	0.127	1.428
May	0.073	0.058	0.174	0.022	0.189
June	0.061	0.061	0.186	0.024	0.561
July	0.056	0.139	0.543	0.037	2.282
August	0.042	0.061	0.245	0.022	0.358
September	0.070	0.079	0.228	0.021	0.575
October	0.191	0.456	4.282	0.052	12.711
November	0.307	0.365	0.853	0.126	2.580
December	0.340	0.315	1.361	0.100	4.824
Year	0.168	0.214	4.282	0.021	12.711

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	R.LYNHER AT PILLATON MILL					R.TAMAR AT POLSON BRIDGE					R.KENNAL AT PONSANOOTH				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1987-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	8.846	13.048	38.047	4.540	48.737	22.813	29.066	106.192	5.137	152.318	0.982	1.584	3.330	0.606	4.755
February	7.529	2.709	4.283	1.980	4.406	18.683	3.178	5.442	2.242	6.504	0.974	0.365	0.569	0.241	0.814
March	5.249	5.323	12.604	1.985	20.115	11.631	15.068	63.314	2.648	102.943	0.722	0.640	1.077	0.262	2.111
April	3.556	6.233	17.813	3.001	25.993	7.287	13.751	35.473	5.640	65.544	0.453	0.680	2.095	0.380	2.411
May	2.554	3.279	6.634	1.824	6.828	3.534	3.545	9.965	1.707	10.871	0.274	0.649	1.838	0.270	1.944
June	1.856	3.631	5.621	2.003	10.388	3.189	4.014	12.395	1.781	26.615	0.226	0.295	0.473	0.212	0.834
July	1.442	3.791	6.350	3.312	10.263	2.946	6.994	36.005	1.826	58.623	0.162	0.266	0.459	0.210	0.669
August	1.511	2.017	3.338	1.341	3.530	2.287	2.353	7.595	1.372	10.457	0.178	0.203	0.263	0.165	0.321
September	2.083	2.827	5.643	1.369	6.679	3.917	4.736	16.398	1.197	30.408	0.213	0.197	0.318	0.151	0.694
October	4.103	7.948	36.135	2.652	51.880	11.055	25.363	147.014	2.720	182.343	0.384	0.605	2.026	0.189	3.074
November	6.403	9.431	16.741	5.382	27.021	19.621	26.072	54.126	7.301	126.066	0.658	1.396	2.127	0.818	4.185
December	8.252	8.780	35.310	3.993	55.888	19.854	21.844	93.263	5.904	129.899	0.879	1.358	3.264	0.818	4.904
Year	4.438	5.784	38.047	1.341	55.888	10.525	13.089	147.014	1.197	182.343	0.506	0.690	3.330	0.151	4.904

	R.YEALM AT PUSLINCH					R.FOWEY AT RESTORMEL					R.WOLF AT ROADFORD COMPENSATION				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1988-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.011	4.433	11.553	1.447	23.436	9.026	12.489	27.544	4.459	36.891	0.462	0.111	0.129	0.105	0.222
February	2.830	0.782	1.326	0.485	1.417	7.804	2.384	4.132	1.576	4.323	0.565	0.107	0.110	0.104	0.159
March	2.061	2.604	8.366	0.496	20.711	5.741	4.286	9.073	1.683	14.923	0.321	0.109	0.117	0.099	0.125
April	1.373	2.209	4.182	1.297	8.570	3.988	6.271	16.934	3.244	23.562	0.312	0.109	0.124	0.104	0.185
May	0.909	0.759	1.650	0.383	1.865	2.849	2.873	5.850	1.513	6.281	0.237	0.108	0.111	0.099	0.116
June	0.758	1.061	3.362	0.417	11.267	2.130	2.236	3.558	1.490	4.947	0.326	0.110	0.118	0.100	0.162
July	0.562	0.106	2.932	0.521	10.110	1.721	2.793	5.796	1.615	8.981	0.520	0.163	0.503	0.104	0.765
August	0.584	0.472	1.237	0.255	1.790	1.856	1.713	2.841	1.199	3.358	0.600	0.238	0.504	0.150	0.519
September	0.791	0.720	3.278	0.273	5.229	2.385	2.786	6.246	1.461	9.341	0.520	0.342	0.505	0.150	0.724
October	1.507	3.025	14.420	0.641	26.252	4.180	7.223	29.030	2.193	37.730	0.521	0.839	9.237	0.151	11.464
November	2.197	3.006	6.932	1.646	19.526	6.697	11.402	18.495	7.668	28.464	0.496	0.853	6.872	0.699	8.486
December	2.826	3.973	12.503	1.152	25.735	8.687	9.237	29.305	4.414	42.946	0.491	1.096	2.798	0.649	2.925
Year	1.606	2.025	14.420	0.255	26.252	4.751	5.496	29.305	1.199	42.946	0.451	0.433	9.237	0.099	11.464

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	R.WOLF AT ROADFORD LHB TRIB				
	MONTHLY MEAN		DAILY MEAN		1998
	1986-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.014	0.019	0.093	0.003	0.329
February	0.011	0.001	0.002	0.001	0.003
March	0.007	0.007	0.029	0.001	0.089
April	0.005	0.011	0.037	0.003	0.200
May	0.001	0.001	0.004	0.000	0.004
June	0.002	0.004	0.023	0.000	0.215
July	0.001	0.005	0.027	0.001	0.153
August	0.002	0.002	0.003	0.001	0.003
September	0.002	0.002	0.009	0.001	0.051
October	0.006	0.013	0.085	0.001	0.392
November	0.011	0.015	0.047	0.003	0.203
December	0.012	0.013	0.055	0.002	0.307
Year	0.006	0.008	0.093	0.000	0.392

	SIBLYBACK STREAM AT SIBLYBACK WEIR				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.466	0.741	1.571	0.344	2.688
February	0.442	0.230	0.326	0.159	2.425
March	0.339	0.300	0.581	0.192	0.767
April	0.245	0.368	0.866	0.210	1.280
May	0.165	0.237	0.382	0.166	0.499
June	0.159	0.227	0.254	0.141	0.295
July	0.139	0.208	0.259	0.047	0.270
August	0.151	0.200	0.253	0.133	0.288
September	0.193	0.235	0.244	0.212	0.249
October	0.216	0.400	1.721	0.095	0.492
November	0.269	0.667	1.028	0.466	1.539
December	0.399	0.530	1.575	0.308	2.879
Year	0.260	0.363	1.721	0.047	2.879

	R.HAYLE AT ST.ERTH				
	MONTHLY MEAN		DAILY MEAN		1998
	1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.000	3.021	5.044	1.758	5.924
February	1.969	1.141	1.091	0.803	1.730
March	1.497	1.153	1.716	0.801	2.487
April	1.055	1.132	2.029	0.858	2.175
May	0.699	1.296	1.907	0.857	1.930
June	0.535	0.723	0.946	0.591	1.038
July	0.416	0.557	0.893	0.498	1.226
August	0.353	0.433	0.511	0.380	0.556
September	0.367	0.405	0.522	0.351	0.609
October	0.551	0.732	2.544	0.365	3.055
November	1.008	2.553	3.783	1.869	4.351
December	1.643	2.490	4.345	1.639	5.180
Year	1.004	1.305	5.044	0.351	5.924

	R.TIDDY AT TIDEFORD				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.825	2.784	6.287	0.975	7.098
February	1.665	0.553	0.910	0.379	0.941
March	1.191	1.144	2.509	0.391	2.788
April	0.798	1.361	3.328	0.676	3.900
May	0.503	0.678	1.397	0.393	1.425
June	0.384	0.815	1.343	0.381	1.890
July	0.260	0.727	1.226	0.462	2.064
August	0.285	0.380	0.592	0.265	0.631
September	0.393	0.428	0.840	0.267	1.079
October	0.747	1.472	5.482	0.429	6.235
November	1.281	2.210	3.800	1.359	4.166
December	1.755	2.043	6.094	0.890	7.836
Year	0.925	1.222	6.287	0.265	7.836

	R.THRUSHEL AT TINHAY				
	MONTHLY MEAN		DAILY MEAN		1998
	1963-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	4.838	4.932	18.495	0.933	35.471
February	3.655	0.585	0.872	0.426	1.125
March	2.864	2.469	9.343	0.487	17.533
April	1.674	3.175	9.674	1.198	20.877
May	1.040	0.698	1.706	0.415	1.861
June	0.781	1.354	3.818	0.424	13.413
July	0.633	1.700	8.016	0.533	22.998
August	0.821	0.678	2.043	0.365	2.593
September	1.056	1.083	4.784	0.342	14.868
October	2.295	4.589	35.406	0.961	62.469
November	3.725	5.649	13.903	1.844	27.003
December	4.493	4.563	15.941	1.528	31.487
Year	2.344	2.637	35.406	0.342	62.469

	R.SEATON AT TREBROWNBRIDGE				
	MONTHLY MEAN		DAILY MEAN		1998
	1972-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.911	2.723	5.203	1.341	6.700
February	1.822	0.802	1.257	0.541	1.291
March	1.367	1.137	1.730	0.550	2.266
April	0.970	1.310	2.422	0.869	3.541
May	0.613	0.910	1.559	0.550	1.586
June	0.496	0.876	1.240	0.530	2.023
July	0.364	0.841	1.222	0.652	2.036
August	0.369	0.514	0.740	0.391	0.965
September	0.474	0.541	0.967	0.380	1.311
October	0.828	1.272	4.093	0.563	6.493
November	1.346	2.178	2.926	1.575	4.489
December	1.859	1.818	4.465	1.184	7.708
Year	1.031	1.247	5.203	0.380	7.708

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: Cornwall

	R.FAL AT TREGONY				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.963	6.296	12.524	2.730	14.903
February	3.348	1.572	2.605	1.056	2.732
March	2.455	1.975	3.866	1.165	5.347
April	1.901	3.790	6.982	1.482	10.180
May	1.275	1.942	4.207	1.074	5.037
June	1.067	1.405	2.030	1.090	4.011
July	0.810	1.377	3.766	0.942	7.676
August	0.767	0.947	1.344	0.690	1.871
September	0.892	1.174	1.961	0.730	5.011
October	1.708	2.551	8.987	1.066	11.741
November	2.871	5.376	8.775	3.190	12.194
December	3.717	4.607	10.698	2.279	15.193
Year	2.080	2.716	12.524	0.690	15.193

	R.FOWEY AT TREKEIVESTEPS				
	MONTHLY MEAN		DAILY MEAN		1998
	1963-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.508	3.556	8.270	1.501	15.066
February	2.184	0.907	1.378	0.663	1.624
March	1.623	1.510	4.301	0.731	8.854
April	1.103	1.804	5.011	0.971	9.639
May	0.750	1.022	1.757	0.654	1.863
June	0.611	0.941	1.526	0.672	2.857
July	0.499	1.120	3.060	0.781	6.104
August	0.559	0.753	1.311	0.553	1.942
September	0.761	1.108	3.113	0.611	4.995
October	1.199	2.590	12.989	0.902	18.556
November	1.879	3.165	5.736	1.963	12.372
December	2.355	2.718	8.965	1.413	16.552
Year	1.322	1.773	12.989	0.553	18.556

	R.WARLEGGAN AT TRENGOFFE				
	MONTHLY MEAN		DAILY MEAN		1998
	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.576	2.193	4.381	1.004	6.240
February	1.400	0.613	0.949	0.434	0.993
March	1.052	0.829	1.778	0.481	2.331
April	0.756	1.167	2.819	0.668	5.034
May	0.528	0.677	1.152	0.413	1.244
June	0.445	0.520	0.856	0.367	1.694
July	0.360	0.640	1.113	0.388	1.718
August	0.372	0.406	0.608	0.319	0.654
September	0.457	0.557	1.380	0.329	2.009
October	0.726	1.338	4.972	0.477	8.201
November	1.165	2.105	3.519	1.357	6.630
December	1.466	1.697	4.359	0.879	8.148
Year	0.855	1.062	4.972	0.319	8.201

	R.KENWYN AT TRURO				
	MONTHLY MEAN		DAILY MEAN		1998
	1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.844	1.235	3.211	0.459	5.616
February	0.715	0.258	0.429	0.166	0.445
March	0.517	0.352	0.587	0.171	1.319
April	0.331	0.521	1.099	0.249	2.572
May	0.206	0.424	1.013	0.210	1.030
June	0.154	0.287	0.462	0.217	1.191
July	0.097	0.214	0.366	0.163	0.819
August	0.094	0.142	0.206	0.110	0.393
September	0.119	0.118	0.201	0.091	0.456
October	0.262	0.286	1.177	0.092	2.554
November	0.499	0.966	1.551	0.573	4.950
December	0.741	0.819	2.120	0.425	7.749
Year	0.383	0.470	3.211	0.091	7.749

	R.OTTERY AT WERRINGTON PARK				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	6.196	9.131	36.132	1.679	78.545
February	5.089	1.014	1.540	0.718	1.848
March	3.913	4.374	24.550	0.795	42.082
April	2.084	3.284	10.014	1.477	24.732
May	1.298	1.128	3.043	0.517	3.281
June	1.047	1.041	2.084	0.547	8.542
July	0.729	1.709	7.863	0.618	19.660
August	0.819	0.602	1.041	0.358	2.111
September	1.207	1.287	4.308	0.331	9.566
October	3.523	8.617	56.936	0.887	91.371
November	5.468	8.042	20.879	2.323	37.975
December	6.275	7.236	35.176	1.863	59.807
Year	3.126	3.986	56.936	0.331	91.371

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.ISLE AT ASHFORD MILL						R.AVON AT BATHFORD						SPRING FLOW AT BATH HOT SPRINGS					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1962-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1991-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	2.572	4.042	13.205	0.974	23.750	January	35.867	63.930	161.377	20.466	172.571	January	0.014	0.012	0.036	0.011	0.163	January
February	2.309	0.876	1.248	0.725	2.024	February	32.100	12.880	19.767	8.961	21.048	February	0.012	0.012	0.016	0.008	0.071	February
March	1.866	1.555	6.374	0.744	10.830	March	24.343	27.874	111.096	8.667	125.654	March	0.012	0.013	0.024	0.010	0.165	March
April	1.151	2.500	6.979	0.892	18.205	April	17.347	41.806	89.583	10.286	96.858	April	0.012	0.012	0.013	0.011	0.016	April
May	0.904	0.790	1.194	0.642	1.360	May	10.738	12.470	26.275	6.659	31.754	May	0.012	0.012	0.023	0.011	0.144	May
June	0.617	0.925	2.089	0.522	8.743	June	8.437	16.232	52.726	7.043	56.772	June	0.012	0.012	0.013	0.011	0.063	June
July	0.465	0.618	1.033	0.441	1.702	July	5.207	8.255	20.943	4.701	29.718	July	0.012	0.012	0.020	0.010	0.107	July
August	0.486	0.370	0.470	0.305	0.517	August	4.963	3.948	5.778	3.038	6.076	August	0.012	0.012	0.012	0.011	0.015	August
September	0.552	0.687	4.347	0.340	6.654	September	6.112	5.468	13.117	3.237	17.374	September	0.011	0.009	0.010	0.008	0.014	September
October	0.981	2.378	16.524	0.385	24.305	October	11.184	29.737	111.992	5.188	181.574	October	0.012	N/A	N/A	N/A	N/A	October
November	1.564	1.895	4.797	0.713	12.428	November	21.382	52.248	166.387	20.475	192.033	November	0.012	N/A	N/A	N/A	N/A	November
December	2.241	2.264	13.748	0.628	25.901	December	31.488	41.159	134.297	12.287	154.796	December	0.012	N/A	N/A	N/A	N/A	December
Year	1.321	1.581	16.524	0.305	25.901	Year	17.400	26.416	166.387	3.038	192.033	Year	0.012	0.012	0.039	0.008	0.313	Year

	BATH ULTRASONIC						R.WASHFORD AT BEGGEARN HUISH						R.LITTLE AVON AT BERKELEY KENNELS					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1983-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	37.922	39.855	102.207	4.915	170.800	January	1.916	3.109	7.137	1.143	7.842	January	1.856	3.013	9.077	0.742	21.029	January
February	34.677	11.881	17.030	8.515	18.400	February	1.584	0.590	1.057	0.389	1.103	February	1.531	0.479	0.708	0.371	0.752	February
March	35.671	22.816	73.654	8.294	125.200	March	1.048	1.461	4.053	0.385	4.270	March	1.425	1.508	6.978	0.400	12.785	March
April	19.663	32.541	52.244	0.000	91.300	April	0.963	1.574	2.292	0.576	2.405	April	1.205	1.510	4.927	0.561	9.532	April
May	15.735	12.959	23.819	8.044	27.100	May	0.475	0.804	1.737	0.374	2.566	May	0.887	0.573	0.860	0.303	0.887	May
June	11.326	15.296	43.086	8.066	52.400	June	0.389	0.727	1.202	0.438	1.489	June	0.539	0.391	0.673	0.267	1.057	June
July	6.543	8.778	17.820	5.665	26.100	July	0.257	0.419	0.527	0.345	1.138	July	0.394	0.227	0.354	0.181	0.449	July
August	6.220	4.591	6.265	3.466	13.100	August	0.230	0.245	0.353	0.181	0.395	August	0.398	0.144	0.263	0.114	0.383	August
September	6.268	5.961	13.637	3.458	17.100	September	0.275	0.234	0.503	0.181	0.836	September	0.386	0.242	1.210	0.124	1.930	September
October	13.588	19.358	88.218	4.501	171.000	October	0.665	1.646	5.904	0.352	8.774	October	0.777	1.603	13.237	0.193	30.887	October
November	23.348	41.838	159.405	17.118	189.400	November	1.364	2.210	6.345	0.794	6.769	November	1.339	1.751	5.777	0.558	15.005	November
December	35.103	32.604	99.373	11.697	153.000	December	1.668	1.305	3.920	0.585	5.329	December	1.676	1.880	7.457	0.478	14.070	December
Year	22.080	20.688	159.405	0.000	189.400	Year	0.912	1.199	7.137	0.181	8.774	Year	1.048	1.117	13.237	0.114	30.887	Year

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.TONE AT BISHOPS HULL				
	MONTHLY MEAN		DAILY MEAN		1998
	1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	6.213	10.972	38.486	3.130	47.234
February	5.916	2.228	2.969	1.776	3.904
March	4.160	4.265	11.096	1.882	16.332
April	3.048	5.632	10.833	2.217	19.317
May	2.007	2.755	5.956	1.694	15.685
June	1.383	2.585	4.759	1.800	8.482
July	1.121	1.602	2.581	1.277	3.209
August	0.976	0.979	1.287	0.828	1.595
September	1.165	1.167	4.552	0.843	5.066
October	2.022	4.614	28.266	1.038	39.661
November	3.520	6.025	15.814	2.559	32.442
December	5.205	5.112	25.912	2.144	43.194
Year	3.031	4.011	38.486	0.828	47.234

	R.BOYD AT BITTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.167	1.638	5.976	0.381	8.279
February	0.964	0.251	0.360	0.176	0.468
March	0.829	0.967	8.844	0.197	13.946
April	0.487	0.989	3.764	0.283	6.477
May	0.318	0.237	0.505	0.132	0.542
June	0.196	0.233	0.608	0.131	0.950
July	0.112	0.151	0.333	0.089	0.440
August	0.132	0.080	0.183	0.049	0.358
September	0.195	0.102	0.329	0.051	0.477
October	0.401	0.883	6.069	0.065	11.725
November	0.771	1.105	3.403	0.330	6.052
December	1.038	1.115	5.718	0.248	10.596
Year	0.548	0.648	8.844	0.049	13.946

	R.TETBURY AVON AT BROKENBOROUGH				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.565	1.850	4.799	0.685	5.909
February	1.311	0.410	0.657	0.240	0.675
March	0.950	0.709	1.451	0.233	2.604
April	0.638	0.779	1.706	0.410	2.827
May	0.586	0.412	0.715	0.212	0.801
June	0.325	0.185	0.284	0.140	0.320
July	0.126	0.120	0.166	0.091	0.259
August	0.130	0.127	0.141	0.108	0.382
September	0.127	0.144	0.212	0.124	0.326
October	0.258	0.469	3.182	0.165	5.897
November	0.754	1.387	3.030	0.566	4.861
December	1.243	0.820	3.099	0.416	4.983
Year	0.636	0.619	4.799	0.091	5.909

	R.MARDEN AT CALSTONE				
	MONTHLY MEAN		DAILY MEAN		1998
	1982-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.337	N/A	N/A	N/A	N/A
February	0.369	0.392	0.459	0.328	0.459
March	0.306	0.309	0.335	0.256	0.532
April	0.271	0.369	0.470	0.264	0.749
May	0.225	0.432	0.458	0.324	0.675
June	0.178	0.285	0.322	0.260	0.573
July	0.150	0.245	0.261	0.218	0.562
August	0.116	0.202	0.219	0.178	0.507
September	0.100	0.165	0.186	0.146	0.459
October	0.102	0.158	0.158	0.158	0.158
November	0.155	0.458	0.504	0.394	0.599
December	0.242	0.397	0.496	0.356	0.497
Year	0.215	0.323	0.504	0.146	0.749

	LUCKINGTON BROOK AT CARRIERS FARM				
	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.808	1.092	3.229	0.236	3.791
February	0.462	0.130	0.223	0.056	0.234
March	0.295	0.554	2.480	0.054	4.190
April	0.220	0.382	0.936	0.139	1.408
May	0.103	0.140	0.332	0.048	0.352
June	0.044	0.047	0.082	0.031	0.104
July	0.038	0.035	0.053	0.027	0.058
August	0.065	0.080	0.090	0.026	0.096
September	0.078	0.138	0.194	0.079	0.224
October	0.184	0.502	2.519	0.135	3.977
November	0.390	0.774	2.033	0.186	3.117
December	0.632	0.545	3.048	0.143	4.360
Year	0.287	0.371	3.229	0.026	4.360

	R.PARRETT AT CHISELBOROUGH				
	MONTHLY MEAN		DAILY MEAN		1998
	1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.577	4.843	17.235	0.827	32.403
February	2.068	0.565	0.791	0.427	0.866
March	1.483	1.106	6.680	0.472	8.767
April	0.920	1.971	7.210	0.619	12.527
May	0.661	0.466	0.815	0.323	0.848
June	0.465	0.571	1.613	0.316	4.124
July	0.321	0.338	0.510	0.241	1.027
August	0.346	0.200	0.274	0.173	0.330
September	0.436	0.296	1.073	0.176	1.845
October	0.996	2.093	15.294	0.235	22.515
November	1.553	2.085	7.017	0.597	12.089
December	2.188	2.284	15.294	0.463	22.640
Year	1.153	1.410	17.235	0.173	32.403

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.BRUE AT CLYSE HOLE					R.CHEW AT COMPTON DANDO					WOODBRIDGE BROOK AT CRAB MILL				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1958-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1969-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	5.240	6.571	24.801	1.873	40.079	2.123	4.526	12.114	1.328	20.848	1.285	2.172	10.959	0.278	14.942
February	3.207	1.441	1.974	1.160	2.173	1.810	0.908	1.584	0.584	3.512	1.051	0.242	0.301	0.203	0.309
March	2.337	2.795	11.223	1.157	14.061	1.423	2.289	19.220	0.671	36.529	0.762	1.083	9.467	0.196	15.449
April	2.537	6.196	21.549	1.624	30.100	1.071	2.272	6.575	0.762	8.526	0.480	1.119	6.526	0.269	12.126
May	0.999	2.148	8.658	1.192	32.675	0.815	0.961	1.506	0.630	2.179	0.315	0.218	0.367	0.145	0.464
June	1.080	3.947	17.111	1.317	33.238	0.595	0.841	1.679	0.576	3.292	0.251	0.341	1.235	0.400	2.835
July	0.611	1.887	8.230	1.079	17.036	0.468	0.720	1.281	0.617	1.552	0.116	0.110	0.220	0.073	0.332
August	0.551	0.786	1.143	0.568	1.258	0.460	0.511	0.723	0.440	0.848	0.098	0.058	0.116	0.039	0.148
September	0.713	0.742	1.664	0.473	3.155	0.557	0.529	0.736	0.421	0.809	0.098	0.049	0.149	0.025	0.188
October	1.927	4.510	34.248	0.693	47.197	0.837	2.327	20.340	0.464	52.895	0.278	1.156	13.714	0.021	28.030
November	N/A	N/A	35.373	2.200	47.296	1.285	2.244	6.401	1.047	13.554	0.705	1.645	10.852	0.305	23.433
December	N/A	N/A	27.138	1.918	45.815	1.837	2.264	10.346	0.862	20.072	1.147	1.678	20.169	0.256	36.937
Year	N/A	N/A	35.373	0.473	47.296	1.112	1.708	20.340	0.421	52.895	0.550	0.828	20.169	0.021	36.937

	CURRYPOOL STREAM AT CURRYPOOL					R.SHEPPEY AT FENNY CASTLE					R.SHERSTON AVON AT FOSSEWAY				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1976-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.360	0.621	1.464	0.284	2.441	1.744	2.019	4.295	0.955	5.451	2.118	3.170	6.671	1.225	7.405
February	0.359	0.212	0.276	0.164	0.320	1.616	0.676	0.925	0.531	1.061	1.758	0.643	1.151	0.342	1.187
March	0.289	0.253	0.477	0.162	0.869	0.137	1.151	2.485	0.531	2.886	1.392	1.605	4.102	0.331	5.532
April	0.231	0.366	0.713	0.199	1.520	1.057	1.698	2.585	0.968	3.126	0.977	1.618	2.526	0.681	3.144
May	0.174	0.234	0.402	0.150	0.453	0.801	0.850	1.403	0.565	2.983	0.592	0.809	1.736	0.325	1.788
June	0.140	0.190	0.268	0.158	0.616	0.678	1.063	2.370	0.562	3.868	0.385	0.299	0.406	0.234	0.466
July	0.097	0.156	0.195	0.129	0.235	0.559	1.013	2.571	0.611	4.024	0.220	0.222	0.325	0.153	0.336
August	0.094	0.116	0.169	0.089	0.274	0.535	0.447	0.655	0.336	0.827	0.219	0.189	0.232	0.163	0.246
September	0.093	0.108	0.283	0.086	0.389	0.603	0.510	1.086	0.355	1.830	0.229	0.239	0.369	0.164	0.462
October	0.149	0.310	1.653	0.099	3.078	0.906	1.624	7.556	0.474	8.455	0.520	1.046	4.353	0.275	5.853
November	0.222	0.503	1.043	0.275	1.476	1.330	2.734	6.956	1.189	8.272	1.268	2.439	4.780	0.903	6.093
December	0.317	0.363	1.093	0.203	2.495	1.655	1.626	3.603	0.962	4.765	1.796	1.651	5.148	0.664	7.004
Year	0.210	0.286	1.653	0.086	3.078	1.058	1.293	7.556	0.336	8.455	1.949	1.165	6.671	0.153	7.405

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.BRISTOL FROME AT FRAMPTON COTTERELL					R.BRISTOL FROME AT FRENCHAY					R.SOMERSET FROME AT FROME				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1978-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.141	3.083	9.011	6.571	10.171	3.505	5.398	17.426	0.914	20.496	2.999	2.972	9.948	0.604	14.622
February	1.620	0.416	0.551	0.309	0.967	2.804	0.660	0.914	0.507	1.753	2.176	0.488	1.073	0.333	1.368
March	1.524	1.927	12.192	0.414	12.920	2.236	3.519	22.062	0.734	33.438	1.664	1.939	9.466	0.400	11.594
April	0.888	1.862	6.538	0.412	7.144	1.408	3.292	12.201	0.789	6.003	1.605	3.128	7.020	0.745	10.901
May	0.619	0.380	0.742	0.226	1.040	1.054	0.660	1.209	0.405	2.536	0.820	0.991	2.883	0.547	6.534
June	0.398	0.398	0.889	0.175	1.960	0.730	0.861	1.942	0.335	4.173	0.758	1.705	6.997	0.524	11.404
July	0.235	0.243	0.443	0.178	1.022	0.553	0.410	1.335	0.270	3.079	0.458	0.822	3.970	0.519	7.531
August	0.268	0.166	0.466	0.093	1.427	0.520	0.287	1.159	0.168	3.223	0.588	0.414	0.606	0.270	1.289
September	0.276	0.209	0.945	0.089	1.914	0.677	0.618	2.467	0.202	5.170	0.795	0.625	1.703	0.323	3.230
October	0.696	1.356	7.753	0.153	9.327	1.219	2.517	15.327	0.272	20.376	1.657	3.713	31.167	0.307	60.867
November	1.438	2.054	6.734	0.506	7.846	2.281	3.473	11.586	0.840	17.038	2.294	2.447	9.260	0.918	31.353
December	1.934	2.081	9.902	0.412	11.432	3.160	3.505	18.161	0.608	22.930	2.547	2.567	14.218	0.651	38.254
Year	1.001	1.193	12.192	0.089	12.920	1.683	2.112	22.062	0.168	33.438	1.490	1.827	31.167	0.270	60.867

	CHARLTON STREAM AT GARSDEN					R.AVON AT GREAT SOMERFORD					R.TONE AT GREENHAM				
	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998	MONTHLY MEAN		DAILY MEAN		1998
	1992-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1963-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	1967-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.727	0.837	3.976	0.254	6.487	7.011	11.059	26.871	3.490	29.672	2.198	3.398	9.124	0.884	11.667
February	0.456	0.205	0.247	0.175	0.970	6.188	2.044	3.399	1.274	3.535	1.928	0.543	0.809	0.403	0.917
March	0.320	0.428	1.912	0.174	2.745	4.680	5.503	19.691	1.204	29.672	1.211	1.366	3.333	0.432	4.940
April	0.300	0.523	1.466	0.223	3.138	3.047	5.795	15.192	2.250	20.770	0.874	1.902	3.024	0.642	5.456
May	0.192	0.196	0.326	0.137	0.497	2.155	2.214	4.345	1.081	4.717	0.600	0.873	1.822	0.507	6.763
June	0.136	0.177	0.271	0.125	0.426	1.453	1.525	3.435	0.920	4.481	0.451	0.878	1.760	0.467	2.904
July	0.075	0.098	0.168	0.073	0.191	0.937	0.757	1.422	0.534	1.687	0.359	0.535	0.853	0.372	1.222
August	0.060	0.057	0.089	0.044	0.106	0.694	0.531	0.750	0.417	0.987	0.317	0.275	0.396	0.227	0.417
September	0.054	0.039	0.068	0.023	0.230	0.892	0.631	1.329	0.439	1.481	0.392	0.307	0.916	0.219	1.366
October	0.172	0.368	4.695	0.019	10.361	2.031	3.909	19.586	0.688	32.501	0.930	1.731	8.782	0.322	10.406
November	0.419	0.647	3.675	0.263	7.495	3.922	8.397	22.991	2.937	32.303	1.317	2.443	6.906	0.809	7.794
December	0.637	0.706	6.081	0.209	12.946	6.177	6.515	29.202	2.168	37.865	1.753	1.610	6.504	0.637	11.575
Year	0.300	0.358	6.081	0.019	12.946	3.211	4.090	29.202	0.417	37.865	1.005	1.328	9.124	0.219	11.667

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.HALSEWATER AT HALSEWATER				
	MONTHLY MEAN		DAILY MEAN		1998
	1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.069	4.236	8.812	1.619	9.816
February	2.074	1.204	1.583	0.952	1.614
March	1.567	1.515	3.460	0.939	4.366
April	1.220	1.955	4.247	1.025	7.379
May	0 893	1.240	1.945	0.863	2.834
June	0.641	0.940	1.288	0.787	2.453
July	0.509	0.639	0.836	0.507	1.048
August	0.450	0.439	0.569	0.348	0.659
September	0.439	0.449	1.071	0.359	1.406
October	0.662	1.165	6.599	0.363	8.701
November	1.110	2.169	4.614	1.107	7.901
December	1.648	1.795	6.931	0.959	7.371
Year	1.099	1.481	8.812	0.348	9.816

	HELLAND BROOK AT HELLAND				
	MONTHLY MEAN		DAILY MEAN		1998
	1994-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.944	2.050	11.197	0.112	15.202
February	1.008	0.071	0.118	0.047	0.146
March	0.549	0.135	0.421	0.049	0.964
April	0.223	0.509	2.951	0.060	0.544
May	1.623	0.080	0.260	0.036	0.308
June	0.027	0.040	0.091	0.018	0.141
July	0.010	0.014	0.030	0.007	0.032
August	0.300	0.008	0.016	0.003	0.017
September	0.026	N/A	N/A	N/A	N/A
October	0.070	0.239	2.628	0.046	5.265
November	1.238	N/A	N/A	N/A	N/A
December	0.948	N/A	N/A	N/A	N/A
Year	0.698	0.360	11.197	0.003	15.202

	R.AXE AT HENLEY (WOOKEY)				
	MONTHLY MEAN		DAILY MEAN		1998
	1994-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.028	1.252	2.626	0.623	2.873
February	0.838	0.464	0.741	0.325	0.925
March	0.573	0.475	1.152	0.144	1.309
April	0.502	0.973	1.501	0.566	1.775
May	0.322	0.466	0.794	0.307	1.153
June	0.281	0.456	1.131	0.279	1.519
July	0.262	0.520	1.086	0.343	1.213
August	0.204	0.287	0.358	0.240	0.439
September	0.221	0.283	0.452	0.233	0.734
October	0.455	0.975	5.517	0.309	6.902
November	0.826	1.280	3.889	0.582	5.809
December	0.865	0.812	1.851	0.504	2.076
Year	0.524	0.688	5.517	0.144	6.902

	R.ALHAM AT HIGHER ALHAM				
	MONTHLY MEAN		DAILY MEAN		1998
	1982-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.282	0.286	0.573	0.139	0.936
February	0.230	0.092	0.136	0.071	0.138
March	0.173	0.170	0.436	0.071	0.761
April	0.157	0.247	0.336	0.125	0.585
May	0.091	0.144	0.255	0.085	1.015
June	0.068	0.176	0.363	0.087	0.824
July	0.059	0.159	0.387	0.093	1.081
August	0.047	0.065	0.090	0.048	0.092
September	0.058	0.046	0.088	0.038	0.132
October	0.091	0.084	0.091	0.078	0.108
November	0.191	0.369	1.089	0.184	2.652
December	0.245	0.226	0.596	0.128	1.282
Year	0.141	0.179	1.089	0.038	2.652

	R.CONGRESBURY YEO AT IWOOD				
	MONTHLY MEAN		DAILY MEAN		1998
	1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.466	2.126	4.235	1.021	6.200
February	1.123	0.739	0.989	0.502	1.229
March	0.980	1.596	6.757	0.499	8.924
April	0.843	1.713	3.817	0.907	5.578
May	0.471	0.723	1.205	0.479	1.249
June	0.426	0.652	1.804	0.358	4.698
July	0.379	0.498	0.940	0.352	1.275
August	0.345	0.298	0.392	0.254	0.502
September	0.420	0.292	0.411	0.247	0.573
October	0.516	0.958	5.904	0.274	8.966
November	0.853	1.804	3.833	0.793	6.268
December	1.607	1.323	3.499	0.547	5.277
Year	0.720	1.062	6.757	0.247	8.966

	R.BRUE AT LOVINGTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1964-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	3.586	4.533	16.902	1.258	31.090
February	3.162	0.872	1.307	0.639	1.518
March	2.428	1.861	7.742	0.627	10.570
April	1.629	3.958	11.527	1.030	19.856
May	1.077	1.525	9.239	0.740	30.553
June	0.809	3.007	15.752	0.846	30.821
July	0.758	1.474	7.444	0.734	18.153
August	0.713	N/A	N/A	N/A	N/A
September	0.755	N/A	N/A	N/A	N/A
October	1.323	N/A	N/A	N/A	N/A
November	2.385	5.769	31.615	2.704	59.633
December	3.454	4.677	20.061	1.865	44.968
Year	1.825	3.107	31.615	0.627	59.633

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	BY BROOK AT MIDDLEHILL						MIDFORD BROOK AT MIDFORD						R.HILFARRENCE AT MILVERTON					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1981-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1991-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	3.401	4.974	12.110	1.769	12.323	January	4.267	7.000	20.891	2.404	29.043	January	1.078	1.651	4.990	0.617	10.145	January
February	2.672	1.000	1.662	0.639	1.729	February	3.828	1.612	2.290	1.219	2.988	February	0.782	0.407	0.584	0.318	0.766	February
March	2.051	2.130	5.717	0.631	5.782	March	3.171	3.414	13.081	1.209	21.966	March	0.594	0.713	1.755	0.321	2.843	March
April	1.689	2.429	3.605	0.922	3.635	April	2.325	3.977	9.526	1.674	16.861	April	0.540	0.842	2.022	0.398	7.272	April
May	0.970	1.287	2.815	0.644	2.903	May	1.555	1.789	2.918	1.203	5.772	May	0.328	0.578	2.573	0.360	11.802	May
June	0.618	0.776	1.158	0.620	1.174	June	1.086	1.976	3.527	1.173	6.361	June	0.275	0.431	0.682	0.323	2.480	June
July	0.438	0.675	1.111	0.414	1.174	July	0.858	1.331	2.409	0.894	3.040	July	0.191	0.249	0.400	0.157	0.629	July
August	0.453	0.341	0.471	0.270	0.489	August	0.752	0.750	1.014	0.609	1.369	August	0.213	0.187	0.235	0.142	0.297	August
September	0.471	0.367	0.748	0.261	0.842	September	0.911	0.851	1.779	0.627	2.292	September	0.210	0.202	0.404	0.159	0.629	September
October	0.960	2.050	7.251	0.444	9.413	October	1.510	3.781	18.157	0.782	29.223	October	0.348	0.720	4.450	0.173	8.074	October
November	2.163	4.138	10.128	1.356	10.574	November	2.629	4.979	13.266	2.045	19.696	November	0.750	1.042	2.299	0.502	3.649	November
December	2.915	2.614	7.576	1.053	7.761	December	3.773	3.482	13.576	1.386	22.887	December	0.975	0.825	3.247	0.413	10.377	December
Year	1.540	1.906	12.110	0.261	12.323	Year	2.240	2.922	20.891	0.609	29.223	Year	0.528	0.666	4.990	0.142	11.802	Year

	NUNNEY BROOK AT NUNNEY						R.YEO AT PEN MILL						GAUZE BROOK AT RODBOURNE					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1985-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1963-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1968-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	0.585	0.610	2.394	0.179	3.434	January	5.249	8.218	32.118	1.541	50.842	January	0.614	0.877	2.712	0.219	3.391	January
February	0.493	0.129	0.199	0.097	0.257	February	4.547	1.078	1.836	0.796	1.936	February	0.513	0.139	0.210	0.090	0.291	February
March	0.532	2.544	32.785	0.131	41.548	March	3.424	2.434	12.465	0.869	19.220	March	0.401	0.409	2.260	0.086	3.638	March
April	0.322	0.668	1.318	0.192	2.973	April	2.128	3.832	10.612	1.251	16.290	April	0.251	0.416	1.347	0.145	2.214	April
May	0.142	0.212	1.011	0.098	4.083	May	1.407	1.072	1.755	0.694	3.011	May	0.162	0.130	0.269	0.059	0.282	May
June	0.148	0.429	1.460	0.125	3.657	June	0.957	1.015	1.925	0.623	6.847	June	0.102	0.099	0.228	0.054	0.329	June
July	0.118	0.248	1.811	0.126	4.671	July	0.602	0.714	1.366	0.499	2.553	July	0.048	0.042	0.108	0.016	0.122	July
August	0.128	0.108	0.210	0.088	0.345	August	0.635	0.440	0.647	0.349	0.987	August	0.052	0.037	0.056	0.030	0.068	August
September	0.160	0.134	0.538	0.084	2.279	September	0.856	0.605	2.081	0.341	4.518	September	0.072	0.050	0.170	0.030	0.200	September
October	0.339	1.007	8.826	0.097	18.932	October	1.922	3.296	20.778	0.478	31.375	October	0.168	0.412	2.827	0.042	5.853	October
November	0.465	0.666	2.771	0.175	8.591	November	3.484	4.479	13.414	1.254	27.319	November	0.346	0.641	3.090	0.185	6.181	November
December	0.527	0.602	3.407	0.157	9.033	December	4.531	4.872	27.539	1.072	46.922	December	0.543	0.602	4.704	0.147	8.974	December
Year	0.343	0.619	32.785	0.084	41.548	Year	2.468	2.686	32.118	0.341	50.842	Year	0.271	0.323	4.704	0.016	8.974	Year

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	SPRING FLOW AT ST DUNSTANS SPRING				
	MONTHLY MEAN		DAILY MEAN		1998
	1981-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.228	0.270	0.568	0.122	0.607
February	0.178	0.089	0.126	0.052	0.153
March	0.154	0.207	0.500	0.049	0.652
April	0.133	0.196	0.278	0.117	0.370
May	0.085	0.099	0.154	0.068	0.257
June	0.071	0.148	0.376	0.072	0.610
July	0.064	0.158	0.273	0.103	0.461
August	0.062	0.067	0.086	0.045	0.118
September	0.073	0.078	0.150	0.049	0.353
October	0.116	0.225	0.885	0.073	1.014
November	0.170	0.332	0.826	0.123	0.962
December	0.198	0.128	0.128	0.128	0.149
Year	0.124	0.171	0.885	0.045	1.014

	SEMINGTON BROOK AT SEMINGTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1953-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.844	4.952	18.986	1.340	21.895
February	2.476	1.140	1.357	0.942	3.501
March	1.881	1.277	3.917	0.879	6.508
April	1.392	3.111	11.318	0.908	15.913
May	0.980	1.058	1.479	0.811	3.505
June	0.890	1.899	8.242	0.779	16.026
July	0.630	0.757	1.501	0.547	2.213
August	0.606	0.536	0.614	0.485	1.020
September	0.625	0.674	1.596	0.485	2.781
October	0.883	2.125	13.931	0.533	24.198
November	1.485	3.317	19.578	1.236	25.781
December	2.292	2.790	17.207	1.109	19.917
Year	1.416	1.973	19.578	0.485	25.781

	R.TETBURY AVON AT SLADS FARM				
	MONTHLY MEAN		DAILY MEAN		1998
	1979-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.884	1.008	1.936	0.375	2.345
February	0.511	0.179	0.354	0.090	0.374
March	0.302	0.404	0.956	0.086	1.644
April	0.219	0.385	0.635	0.179	0.993
May	0.100	0.165	0.336	0.070	0.351
June	0.073	0.062	0.103	0.045	0.151
July	0.050	0.039	0.058	0.026	0.666
August	0.063	0.074	0.088	0.055	0.106
September	0.081	0.091	0.118	0.079	0.149
October	0.117	0.240	1.034	0.093	1.343
November	0.328	0.739	1.138	0.264	1.502
December	0.563	0.421	1.169	0.169	1.572
Year	0.310	0.318	1.936	0.026	2.345

	R.CARY AT SOMERTON				
	MONTHLY MEAN		DAILY MEAN		1998
	1965-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	1.796	2.472	8.606	0.547	9.473
February	1.576	0.359	0.514	0.246	0.534
March	1.022	0.683	2.368	0.248	3.051
April	0.630	2.119	8.123	0.522	8.482
May	0.379	0.493	2.492	0.193	4.177
June	0.215	0.983	6.043	0.208	6.156
July	0.213	0.365	1.607	0.148	3.150
August	0.179	0.113	0.164	0.083	0.177
September	0.203	0.138	0.337	0.081	0.466
October	0.549	0.857	6.805	0.111	9.050
November	0.999	2.358	9.636	0.588	10.225
December	1.638	1.746	9.503	0.490	10.021
Year	0.780	1.059	9.636	0.081	10.225

	R.MARDEN AT STANLEY				
	MONTHLY MEAN		DAILY MEAN		1998
	1970-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	2.241	3.327	10.790	1.343	13.660
February	2.102	1.041	1.295	0.840	1.454
March	1.790	1.545	7.306	0.801	9.287
April	1.366	2.905	6.914	0.950	10.158
May	0.956	1.183	1.624	0.840	1.791
June	0.752	1.487	6.233	0.842	10.724
July	0.484	0.876	1.703	0.526	2.144
August	0.417	0.451	0.596	0.410	0.795
September	0.419	0.556	1.467	0.372	1.956
October	0.658	1.792	11.410	0.426	20.410
November	1.190	2.671	8.932	1.302	14.574
December	1.768	2.354	7.499	1.071	11.121
Year	1.174	1.685	11.410	0.372	20.410

	RODBOURNE BROOK AT STARTLEY				
	MONTHLY MEAN		DAILY MEAN		1998
	1996-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW
January	0.798	1.582	6.620	0.106	7.803
February	0.039	0.038	0.100	0.015	0.134
March	0.256	0.423	5.559	0.015	7.441
April	0.225	0.432	3.035	0.044	5.889
May	0.050	0.050	0.186	0.012	0.199
June	0.045	0.046	0.200	0.014	0.460
July	0.026	0.026	0.056	0.009	0.073
August	0.050	0.036	0.046	0.033	0.081
September	0.052	0.050	0.168	0.035	0.360
October	0.038	N/A	N/A	N/A	N/A
November	0.540	0.956	5.556	0.079	6.750
December	0.559	0.877	6.353	0.048	6.750
Year	0.278	0.412	6.620	0.009	7.803

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	DONIFORD STREAM AT SWILL BRIDGE						R.SOMERSET FROME AT TELLISFORD						WHATLEY BROOK AT TORR QUARRY					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1967-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1961-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1981-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	2.060	3.981	9.946	1.674	13.969	January	7.073	9.685	30.018	2.813	42.153	January	0.153	0.162	0.516	0.027	1.073	January
February	2.123	1.104	1.596	0.797	1.727	February	6.283	1.976	2.879	1.467	3.199	February	0.103	0.010	0.025	0.004	0.066	February
March	1.502	1.259	1.985	0.784	3.129	March	5.243	5.043	23.348	1.486	32.977	March	0.077	0.081	0.490	0.005	0.691	March
April	1.006	1.415	1.961	0.874	2.929	April	3.727	7.474	17.152	2.376	29.418	April	0.057	0.130	0.261	0.024	0.468	April
May	0.714	1.058	1.580	0.752	3.232	May	2.470	2.610	5.669	1.698	14.258	May	0.024	0.033	0.196	0.007	0.825	May
June	0.519	0.929	1.387	0.739	3.104	June	1.756	4.209	12.987	1.805	23.941	June	0.018	0.088	0.426	0.017	0.931	June
July	0.389	0.608	0.737	0.481	0.935	July	1.324	2.501	8.002	1.580	15.269	July	0.013	0.045	0.346	0.011	0.881	July
August	0.323	0.414	0.553	0.344	0.615	August	1.322	1.300	1.801	0.960	2.052	August	0.015	0.006	0.033	0.001	0.056	August
September	0.337	0.413	0.924	0.315	1.249	September	1.756	1.416	3.271	0.880	5.845	September	0.018	0.008	0.087	0.001	0.171	September
October	0.607	1.254	7.460	0.357	13.443	October	2.818	7.771	47.768	1.189	78.986	October	0.055	0.208	1.903	0.008	3.174	October
November	1.091	2.239	4.340	1.190	5.139	November	4.676	6.658	30.761	3.071	64.928	November	0.077	0.280	1.205	0.057	2.071	November
December	1.683	1.658	5.250	0.986	9.980	December	6.469	6.813	29.573	2.284	54.854	December	0.132	0.111	0.496	0.026	1.059	December
Year	1.026	1.364	9.946	0.315	13.969	Year	3.738	4.974	47.768	0.880	78.986	Year	0.065	0.097	1.903	0.001	3.174	Year

	R.BISS AT TROWBRIDGE						R.MELLS AT VALLIS						R.WELLOW BROOK AT WELLOW					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1984-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1980-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1966-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	1.881	2.345	9.666	0.561	10.938	January	3.341	4.289	9.926	1.679	14.859	January	2.425	3.475	9.098	1.176	11.584	January
February	1.488	0.395	0.549	0.295	0.735	February	2.686	1.153	1.631	0.821	1.804	February	2.230	0.821	1.120	0.662	1.699	February
March	0.945	0.790	3.260	0.290	4.044	March	2.345	2.391	9.397	0.851	13.468	March	1.780	1.894	6.745	0.665	10.322	March
April	0.882	1.803	5.905	0.339	8.028	April	1.709	3.185	5.486	1.402	8.997	April	1.323	2.194	4.060	0.976	6.914	April
May	0.397	0.404	0.703	0.273	2.199	May	0.893	1.452	3.109	0.841	7.974	May	0.889	0.967	1.637	0.609	4.429	May
June	0.352	0.612	1.746	0.244	2.935	June	0.683	2.035	4.550	0.980	9.956	June	0.617	1.189	2.087	0.643	3.942	June
July	0.236	0.247	0.514	0.155	0.660	July	0.575	1.395	4.043	0.805	8.161	July	0.460	0.796	1.390	0.529	1.679	July
August	0.255	0.135	0.195	0.113	0.274	August	0.534	0.691	1.004	0.465	1.263	August	0.409	0.403	0.581	0.312	0.708	August
September	0.290	0.250	0.853	0.124	1.257	September	0.615	0.742	1.664	0.439	2.681	September	0.525	0.472	0.917	0.337	1.293	September
October	0.494	1.187	7.553	0.146	11.755	October	1.386	3.239	20.475	0.612	32.198	October	0.954	1.996	8.407	0.442	12.234	October
November	0.936	1.448	6.311	0.492	11.748	November	2.123	4.251	12.381	1.785	20.331	November	1.554	2.713	7.142	1.094	9.711	November
December	1.446	1.362	7.494	0.397	10.118	December	2.872	3.002	9.732	1.361	17.149	December	2.154	2.087	7.455	0.834	11.601	December
Year	0.795	0.918	9.666	0.113	11.755	Year	1.643	2.326	20.475	0.439	32.198	Year	1.272	1.589	9.098	0.312	12.234	Year

Table 3.2: SURFACE WATER GAUGING STATIONS - FURTHER SUMMARY STATISTICS

(Please note any stations missing from this table are a result of data being unavailable - 1) station only recently opened 2) a chart only station or 3) low flow station or owned by someone else.

Area: North Wessex

	R.BRUE AT WESTHAY						R.HORNER WATER AT WEST LUCCOMBE						R.LAND YEO AT WRAXALL					
	MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998		MONTHLY MEAN		DAILY MEAN		1998	
	1993-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1973-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW		1971-1998	1998	1998 HIGHEST	1998 LOWEST	MAXIMUM INST. FLOW	
January	9.155	8.546	24.601	1.312	29.940	January	0.874	1.322	3.778	0.440	7.741	January	0.466	0.825	1.868	0.371	2.510	
February	4.251	1.152	1.822	0.510	2.710	February	0.781	0.259	0.413	0.180	0.458	February	0.450	0.249	0.359	0.157	0.371	
March	3.342	3.020	11.435	0.423	N/A	March	0.577	0.773	2.914	0.182	5.400	March	0.351	0.558	2.528	0.160	3.361	
April	4.170	6.897	22.935	1.634	26.310	April	0.411	0.729	1.016	0.261	1.211	April	0.259	0.552	1.072	0.293	1.378	
May	1.209	1.761	9.636	0.207	19.180	May	0.263	0.312	0.533	0.190	0.557	May	0.367	5.047	N/A	0.129	N/A	
June	1.272	3.247	15.680	0.298	21.960	June	0.211	0.408	0.767	0.248	1.203	June	0.134	0.145	0.249	0.104	0.441	
July	0.994	1.774	7.018	0.460	12.140	July	0.130	0.254	0.414	0.187	0.888	July	0.100	0.128	0.253	0.100	0.350	
August	0.589	0.461	0.855	0.159	1.910	August	0.163	0.144	0.213	0.105	0.337	August	0.104	0.093	0.152	0.070	0.259	
September	0.653	0.284	0.596	0.002	2.570	September	0.230	0.136	0.406	0.070	0.569	September	0.126	0.087	0.137	0.065	0.203	
October	3.273	4.282	19.742	0.033	24.680	October	0.450	1.145	5.189	0.246	9.364	October	0.185	0.320	2.646	0.064	4.589	
November	6.618	10.363	23.939	2.706	26.810	November	0.675	0.898	2.241	0.379	2.963	November	0.272	0.606	1.324	0.284	2.843	
December	6.634	4.882	22.790	0.965	25.850	December	0.793	0.718	2.633	0.320	4.885	December	0.383	0.417	1.311	0.210	1.941	
Year	4.253	3.897	24.601	0.002	29.940	Year	0.470	0.595	5.189	0.070	9.364	Year	0.265	0.761	2.646	0.064	4.589	

Table 4.0: SOUTH WEST REGION SPECIAL INVESTIGATION SITES

Area: Devon

Station Name	N.G.R	Type	Duration of Record	Frequency of Reading
Brickhouse	SX-9470-8090	Surface Water	29.02.1992 - TO DATE	30 mins
Brightley	SX-5980-9700	Surface Water	17.09.1990 - TO DATE	15 mins
Brushford	SS-9260-2580	Surface Water	05.10.1981 - TO DATE	30 mins
Cofton Cross Borehole	SX-9638-8015	Groundwater	22.04.1991 - TO DATE	15 mins
Cofton Farm Well	SX-9680-8032	Groundwater	22.04.1991 - TO DATE	15 mins
Duckaller 1 Borehole	SX-9579-8024	Groundwater	23.03.1992 - TO DATE	15 mins
Duckaller 4 Borehole	SX-9581-8150	Groundwater	17.05.1988 - TO DATE	15 mins
Irishmans Wall	SX-6200-9190	Surface Water	05.07.1990 - TO DATE	30 mins
Knowle Borehole	SS-7770-0160	Groundwater	10.03.1988 - TO DATE	15 mins
Otterton Borehole	SY-0837-8421	Groundwater	06.10.1989 - TO DATE	15 mins
Otterton Borehole 4	SY-0779-8465	Groundwater	22.11.1988 - TO DATE	15 mins
Otterton Saline	SY-0900-8400	Groundwater	06.10.1989 - TO DATE	30 mins
Sticklepath	SX-6370-9390	Surface Water	05.07.1990 - TO DATE	30 mins
Tapps Farm Well	SS-7809-0162	Groundwater	19.10.1987 - TO DATE	15 mins
Woodleys 1	SY-0850-9146	Groundwater	22.11.1988 - TO DATE	30 mins

Area: Cornwall

Station Name	N.G.R	Type	Duration of Record	Frequency of Reading
Abbey Weir	SX-4827-7439	Surface Water	19.07.1991 - TO DATE	15 mins
County Adit	SW-7618-4190	Surface Water	22.08.1991 - TO DATE	15 mins
Morwellham Canal	SX-4817-7430	Surface Water	11.09.1990 - TO DATE	15 mins
Nan Giles Adit	SW-7671-4161	Surface Water	23.04.1992 - TO DATE	15 mins
Trehaddle	SW-7570-4070	Surface Water	27.11.1991 - TO DATE	15 mins
Twelveheads	SW-7620-4190	Surface Water	28.08.1991 - TO DATE	15 mins
Wellington U/S	SW-7631-4175	Surface Water	21.07.1994 - TO DATE	15 mins
Wheal Jane Shaft 2	SW-7750-4230	Groundwater	10.06.1993 - TO DATE	15 mins

GROUNDWATER GAUGING STATION DETAILS

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES

Area: South Wessex

JURASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
South Poorton	1	Dip-Monthly	SY-5100-9750	123.22	13.08.1992	91359216	Lias		B

CRETACEOUS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Affpuddle	2	C+D-Monthly	SY-8050-9390	40.66	06.03.1990	90189116	Chalk	Alluvium	B
Alton Mill	3	Dip-Monthly	ST-7030-0150	-------	27.05.1998	90170200	Chalk		
Alton Pancras OB1	4	C+D-Monthly	ST-7000-0180	-------	07.03.1990	90160405	Chalk		B
Alton Pancras OB2	5	C+D-Monthly	ST-6990-0170	-------	07.03.1990	90170105	Chalk		B
Ashton Farm SW1	6	Dip-Monthly	SY-6620-8800	72.15	23.02.1974	91268302	Upper Greensand	Valley Gravel	B
Ashton Farm SW1X	7	C+D-Monthly +TG	SY-6620-8800	72.18	03.01.1978	90168301	Chalk	Valley Gravel	B
Barcombe Farm	8	Dip-Monthly	ST-6990-0320	127.58	07.03.1990	90160402	Chalk		B
Barnsley Farm GDC No.3	9	Dip-Monthly	ST-9970-0400	29.50	22.01.1992	90190403	Chalk	Alluvium	B
Beech Tree Cottages	10	Dip-Monthly	SU-1840-2930	-------	16.09.1992	90112307	Chalk		W
Berwick House Farm	11	Dip-Monthly	SU-0720-3910	67.98	03.01.1991	90103310	Chalk	Alluv./Valley Gravels	W
Bindon Verge	12	Dip-Monthly	SY-8480-8180	88.20	07.08.1990	90188103	Chalk		B
Black House	13	Dip-Monthly	SY-6910-9630	137.20	06.04.1992	90169312	Chalk		W
Blandford Brewery 1	14	C+D-Monthly	ST-8840-0600	34.00	01.01.1988	----------	Chalk	Alluvium	B
Blandford Brewery 3	15	C+D-Monthly	ST-8850-0590	34.00	01.01.1988	----------	Chalk	Alluvium	B

Key to Type of Site
W = Well
B = Borehole

Key to Measurement Type
C+D = Chart and Dip
TG = Telemetred

1=USED FOR PUBLIC SUPPLY
2=USED FOR PRIVATE SUPPLY
3=OCCASIONALLY USED FOR SUPPLY
4=AFFECTED BY OTHER SOURCES

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
South Wessex: CRETACEOUS (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Briantspuddle PS	16	C+D-Monthly	SY-8170-9330	------	06.03.1990	90189117	Chalk	Alluvium	B
Brixton Deverill OD1 (Wylye)	17	Dip-Monthly	ST-8590-3840	——	05.02.1972	91283371	Upper Greensand		B
Burton Mill	18	Dip-Monthly	ST-8250-3250	——	16.01.1992	90183110	Chalk		B
Bussey Stool Farm	19	Dip-Monthly	ST-9280-1480	——	16.04.1996	90191114	Chalk		W
Came Estate Dairy	20	Dip-Monthly	SY-7110-8910	——	22.10.1993	90178213	Chalk	Valley Gravels	W
Charlton Barrow	21	Dip-Monthly	ST-9050-0320	------	30.05.1996	90190116	Chalk		B
Chelsea Cottage	22	Dip-Monthly	SU-2173-4017	80.37	20.01.1992	90124108	Chalk	Valley Gravels	W
Chilbridge Farm	23	Dip-Monthly	ST-9850-0220	28.79	18.06.1991	90190402	Chalk		B
Chitterne OC2	24	Dip-Monthly	ST-9770-4350	109.54	19.10.1989	90194404	Chalk		B
Chitterne Wishing Well	25	Dip-Monthly	ST-9900-4380	94.81	21.11.1985	90194478	Chalk	Valley Gravels	W
Chitterne P.S.	26	Dip-Monthly	ST-9960-4500	99.91	12.11.1985	90194373	Chalk	Valley Gravels	B
Clarendon OB5	27	Dip-Monthly	SU-1630-2980	——	03.08.1979	90112306	Chalk		B
Clarendon OB6	28	Dip-Monthly	SU-1920-3110	——	01.08.1979	90113407	Chalk		B
Clarke's Cottage	29	Dip-Monthly	SU-1930-5980	——	07.02.1992	91215311	Upper Greensand		W
Coldharbour Farm	30	Dip-Monthly	SU-2115-3142	77.21	20.01.1992	90123102	Chalk		W
Collingbourne Ducis	31	Dip-Monthly	SU-2435-5398	127.07	20.01.1992	90125117	Chalk		W
Corfe Mullen OB6 B104	32	Dip-Monthly	SY-9780-9840	------	09.01.1990	90199308	Chalk	Valley Gravels	B
Crab Farm, Shapwick	33	Dip-Monthly	ST-9430-0200	30.12	18.06.1991	90190101	Chalk		B
Crawford Farm	34	Dip-Monthly	ST-9220-0260	——	15.02.1996	90190113	Chalk		W
Crichel Chitterwood GDC No.4	35	Dip-Monthly	ST-9607-0855	96.59	21.01.1992	90190307	Chalk		B
Crich. Lake(n) GDC No.2	36	Dip-Monthly	ST-9966-0827	39.18	21.01.1992	90190309	Chalk		B
Dean Farm	37	Dip-Monthly	ST-9780-1510	——	31.10.1991	90191310	Chalk	Valley Gravels	W
Dewlish PS North	38	Dip-Monthly	ST-7781-9953	------	27.03.1995	90179330	Chalk		B
Dewlish PS South	39	Dip-Monthly	SY-7780-9950	——	27.03.1995	90179333	Chalk		B
Dewlish Stables	40	Dip-Monthly	SY-7740-9760	71.07	07.09.1966	90179310	Chalk		W
Dewlish WX 0B6	41	Dip-Monthly	ST-7750-0030	------	27.03.1995	90170429	Chalk		B
Downs Cottage	42	Dip-Monthly	SU-0750-5690	115.90	17.09.1992	91205314	Upper Greensand		W
Drewett's Barn	43	Dip-Monthly	SU-1620-5180	140.33	07.02.1992	90115407	Chalk		W
Druce	44	Dip-Monthly	SY-7450-9520	62.05	14.02.1992	90179214	Chalk	Alluvium	B
Enford Farm	45	Dip-Monthly	SU-1310-5070	100.86	07.02.1992	90115106	Chalk		W
Elston Hill Farm	46	Dip-Monthly	SU-0680-4570	116.37	03.01.1991	90104305	Chalk		W
Everleigh Rectory	47	Dip-Monthly	SU-1980-5410	——	10.03.1969	90115408	Chalk		W
Fifield Bavant	48	Dip-Monthly	SU-0173-2493	92.05	08.01.1992	90102113	Chalk		W
Fonthill Bishop OB1	49	Dip-Monthly	ST-9390-3420	113.23	21.01.1992	90193103	Chalk		B
Four Acres Well	50	Dip-Monthly	ST-9240-1400	——	16.04.1996	90191115	Chalk		W
Glebe Farm(1)	51	Dip-Monthly	ST-9870-4380	100.27	04.11.1985	90194470	Chalk		B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
South Wessex: CRETACEOUS (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Glencoe	52	Dip-Monthly	SY-8580-9640	59.19	02.04.1992	90189321	Chalk		W
Hayes Cottage	53	Dip-Monthly	SY-7650-9940	90.48	03.01.1992	90179324	Chalk		W
Haywards Cottage	54	Dip-Monthly	SY-8210-9750	79.33	27.03.1969	90189222	Chalk		W
Hemsworth Farm	55	Dip-Monthly	ST9630-0450	40.71	18.06.1991	90190406	Chalk		W
Herringston Dairy	56	Dip-Monthly	SY-6940-8860	59.31	05.02.1992	90168312	Chalk		W
High Hall	57	Dip-Monthly	SU-0010-0280	38.86	18.06.1991	90100104	Chalk		W
High View Kimpton	58	Dip-Monthly	SU-2841-4765	107.38	20.01.1992	90124311	Chalk		B
Hogstock Cottages	59	Dip-Monthly	ST-9500-0680	------	22.01.1992	90190302	Chalk		W
Holcombe	60	C+D-Monthly	ST-6960-0330	------	07.03.1990	90160401	Chalk		B
Kingston Russell	61	Dip-Monthly	SY-5860-9090	125.70	05.01.1974	90159401	Chalk		B
Lackington Mill	62	Dip-Monthly	SY-7120-9790	85.74	15.01.1993	90179211	Chalk	Valley Gravels	B
Leckford Brdge Junc.	63	Dip-Monthly	SU-2358-5199	122.18	20.01.1992	90125115	Chalk	Valley Gravels	B
Leckford Brdge P.S.	64	Dip-Monthly	SU-2377-5190	118.56	20.01.1992	90125114	Chalk	Valley Gravels	B
Lodge Farm	65	Dip-Monthly	SU-0433-2249	170.69	08.01.1992	90102105	Chalk		B
Longhedge Farm Cottage	66	Dip-Monthly	SU-1450-3410	78.79	07.02.1992	90113102	Chalk		W
Lower Ansty	67	*Dip-Monthly*	*ST-7660-0290*	------	*11.06.1996*	90170402	*Chalk*		W
Lower Coombe Farm	68	Dip-Monthly	SU-1050-2510	83.39	08.01.1992	90112202	Chalk		B
Manor Farm (Codford)	69	Dip-Monthly	ST-9760-4240	------	06.04.1993	90194412	Chalk		B
Manor Farm (S.Mnvlle)	70	Dip-Monthly	ST-9870-2740	105.92	04.03.1992	90192303	Chalk		B
Manor Farm (Wint. Stoke)	71	Dip-Monthly	SU-0770-4120	74.77	05.03.1991	90104408	Chalk		B
Marley Bottom	72	Dip-Monthly	SY-8070-8360	56.80	16.06.1989	90188106	Chalk		B
Martinstown Well	73	Dip-Monthly	SY-6510-8880	77.33	05.02.1992	90168310	Chalk		W
Martin Drove End	74	Dip-Monthly	SU-0520-2090	87.31	21.03.1969	90102415	Chalk		B
Martons College Farm	75	Dip-Monthly	SU-1940-2570	------	16.09.1992	90112305	Chalk		W
New Barn Farm	76	Dip-Monthly	ST-9530-0120	------	22.01.1992	90190401	Chalk	Head/Valley Gravels	W
New Buildings	77	Dip-Monthly	SY-8410-8550	32.95	04.03.1992	90188201	Chalk		B
New Court Down Barn	78	Dip-Monthly	SU-1560-2260	------	16.09.1992	90112402	Chalk		B
Nine Yews	79	Dip-Monthly	SU-0370-1370	97.63	10.03.1992	90101117	Chalk		B
Norrington Farm (BH)	80	Dip-Monthly	ST-9669-2378	113.51	08.01.1992	90192407	Chalk		B
Old Bake House	81	Dip-Monthly	SU-1100-6210	133.35	17.09.1992	90116121	Chalk		W
Old Foundry Cotts	82	Dip-Monthly	SU-1134-2713	78.37	08.01.1992	90112201	Chalk		W
Pentridge House	83	Dip-Monthly	SU-0340-1770	92.29	18.06.1991	90101213	Chalk	Valley Gravels	W
Piddletrenthide	84	Dip-Monthly	SY-7030-9970	97.00	06.03.1990	90179210	Chalk		B
Pitton Lodge	85	Dip-Monthly	SU-2070-3075	74.22	01.01.1960	90123103	Chalk	Valley Gravels	W
Plassey Road (42) Tidwth	86	Dip-Monthly	SU-2350-4910	------	20.01.1992	90124212	Chalk	Valley Gravels	W
Preston Farm	87	Dip-Monthly	ST-9370-0490	------	12.11.1996	90190317	Chalk		W

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
South Wessex: CRETACEOUS (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Private House	88	Dip-Monthly	SU-1570-6300	155.47	17.09.1992	91216420	Upper Greensand		W
Queen Manor Farm	89	Dip-Monthly	SU-1998-3870	70.34	20.01.1992	90113306	Chalk		W
Queen Manor Fm (FW)	90	Dip-Monthly	SU-1833-3876	98.21	20.01.1992	90113305	Chalk		B
Remnants Cottage	91	Dip-Monthly	SU-2010-2120	——	16.09.1992	90122101	Chalk		W
Rew Corner	92	Dip-Monthly	SY-6380-8940	85.24	23.03.1992	90168209	Chalk	Valley Gravels	B
Shapwick OB1	93	C+D-Monthly	ST-9330-0220	——	09.01.1990	90190109	Chalk		B
Shaston Drove	94	Dip-Monthly	SU-1277-2830	78.08	08.01.1992	90112216	Chalk		W
Shipton Bellinger	95	Dip-Monthly	SU-2315-4610	——	13.08.1993	90124222	Chalk	Valley Gravels	B
South Charford Farm	96	Dip-Monthly	SU-1530-2030	——	16.09.1992	90112404	Chalk		W
Squirrels' Corner	97	Dip-Monthly	SU-0250-1510	97.53	15.11.1976	90101205	Chalk		B
Starveall	98	Dip-Monthly	ST-9950-3930	92.18	10.10.1989	90193302	Chalk		W
Stock Bottom	99	Dip-Monthly	SU-1920-3296	102.14	16.01.1969	90113401	Chalk		W
Stockton P.O.	100	Dip-Monthly	ST-9810-3820	81.15	04.03.1992	91193309	Chalk	Superficial Gravels	W
Stubhampton	101	Dip-Monthly	ST-9160-1380	——	08.01.1992	90191106	Chalk		W
Summerdown Farm	102	Dip-Monthly	SU-2185-5540	145.29	20.01.1992	90125219	Chalk	Valley Gravels	W/B
Sutton Veny	103	Dip-Monthly	ST-8970-4240	125.11	15.04.1992	91284411	Upper Greensand		W
Tarrant Abbey	104	Dip-Monthly	ST-9218-0342	——	03.08.1995	90190110	Chalk		W
Tarrant Crawford Drove	105	Dip-Monthly	ST-9350-0360	——	01.02.1997	——	Chalk		B
Tarrant Keyneston Bridge	106	Dip Monthly	ST-9330-0450	——	01.02.1997	——	Chalk		B
Tarrant Keyneston Manor	107	Dip-Monthly	ST-9230-0390	——	01.02.1997	——	Chalk		B
Tarrant Rawston	108	Dip-Monthly	ST-9380-0660	——	22.01.1992	90190204	Chalk	Clay with Flints	W
Tenantry Farm	109	Dip-Monthly	SU-1050-2140	——	08.01.1992	90112103	Chalk		W
Thatchers Roost	110	Dip-Monthly	SU-2350-4940	——	09.09.1994	90124223	Chalk		B
Throop	111	C+D-Monthly	SY-8250-9330	33.45	06.03.1990	90189118	Chalk		B
Tilshead	112	Dip-Monthly +TG	SU-0300-4800	99.88	01.01.1960	90104201	Chalk		W
Tilshead New Layby	113	Dip-Monthly	SU-0180-4730	114.08	06.04.1993	90104213	Chalk		B
Tollard Royal	114	Dip-Monthly	ST-9480-1730	72.72	18.03.1969	90191211	Chalk		W
Turnworth	115	Dip-Monthly	ST-8160-0860	160.54	10.07.1992	90180212	Chalk	Clay with Flints	B
West Acre	116	Dip-Monthly	ST-9780-0540	35.22	18.06.1991	90190305	Chalk		W
West End Cottage	117	Dip-Monthly	SU-0340-6430	139.81	17.09.1992	90106116	Chalk		W
West Lodge Halcrow	118	Dip-Monthly	SY-7130-9780	——	26.06.1997	90179225	Chalk		
Whitegate Cottage	119	Dip-Monthly	SY-8570-8180	59.29	05.10.1975	90188402	Chalk		B
Wiltshire Grain Silos	120	Dip-Monthly	SU-0930-4470	120.89	03.01.1991	90104406	Chalk		B
Woodyates	121	Dip-Monthly+TG	SU-0160-1950	110.88	20.01.1951	90101202	Chalk		W
Wylye ODIX (Brixton Deverill)	122	Dip-Monthly	ST-8590-3840	——	09.05.1979	90183372	Chalk		B
Yardes Cottage	123	Dip-Monthly	SY-7780-9860	75.42	02.12.1965	90179328	Chalk		W

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES

South Wessex: TERTIARY

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Cecily Bridge High	124	Dip-Monthly	SY-8390-9290	-----	06.03.1990	92089120	London Clay	Alluvium	B
Cecily Bridge Low	125	Dip-Monthly	SY-8390-9290	27.88	06.03.1990	92089119	London Clay	Alluvium	B
Woodgreen	126	Dip-Monthly	SU-1910-1650	99.51	27.07.1992	92011311	Bracklesham Beds		B

Area: Devon

DEVONIAN

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Stoneycombe Quarry	127	Dip-2 Weeks	SX-8614-6720	50	01.03.1984	SX86G024	East Ogwell Limestone		B

CARBONIFEROUS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Brixington	128	Dip-2 Weeks	SX-8854-9092	112.00	01.03.1966	SX89G020	Culm Measures		W
Mitchells Well	129	Dip-Monthly	SS-7830-0145	106.00	08.11.1986	SS70G010	Culm Measures		W
Tapps Farm	130	Dip/Logger	SS-7809-0162	99.00	21.08.1985	SS70G001	Culm Measures		

PERMIAN

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Barehill	131	Dip-Monthly	SS-7828-0213	108.00	18.12.1985	SS70G004	Knowle Sandstone		W
Brampford Speke	132	Dip-Monthly	SX-9288-9936	36.00	05.05.1977	SX99G048	Dawlish Sandstone		
Branscombe Lane	133	Dip-Monthly	SX-9555-7938	14.00	01.01.1987	SX97G027	Dawlish Sandstone		B
Brickhouse Farm	134	Dip-2 Weeks	SX-9440-8095	41.00	15.01.1973	SX98G050	Dawlish Sandstone		B
Bussels No 7A	135	Chart	SX-9528-9871	26.00	24.11.1971	SX99G037	Lower Sandstone		B
Buttisfar Farm	136	Dip-Monthly	SS-7726-0109	83.00	06.12.1985	SS70G006	Knowle Sandstone		W
Canterbury Green	137	Dip-2 Weeks	SY-0467-8909	125.00	20.06.1967	SY08G062	Lower Marls		W
City Hospital	138	Chart	SX-9329-9284	61.00	01.03.1966	SX99G023	Breccia		W
Cofton Cross	139	Dip/Logger	SX-9638-8015	8.00	01.01.1986	SX98G060	Dawlish Sandstone		B
Cofton Farm	140	Dip/Logger	SX-9680-8032	5.00	01.11.1969	SX98G041	Dawlish Sandstone		B
Coleford Production	141	Dip-Monthly	SS-7568-0158	106.00	01.01.1987	SS70G043	Knowle Sandstone		B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
Devon: PERMIAN (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Duckaller No 1	142	Dip/Logger	SX-9579-8024	9.00	15.01.1973	SX98G046	Dawlish Sandstone		B
Duckaller No 1A	143	Chart	SX-9569-8017	10.00	15.01.1973	SX98G047	Dawlish Sandstone	Alluvium	B
Duckaller No 4	144	Dip/Logger	SX-9581-8150	18.00	15.01.1973	SX98G051	Dawlish Sandstone		B
Duckaller No 4A	145	Dip-2 Weeks	SX-9560-8151	20.00	15.01.1973	SX98G052	Dawlish Sandstone		B
Duckaller No 7	146	Chart	SX-9509-8084	19.00	15.01.1973	SX98G049	Dawlish Sandstone		B
Ford	147	Dip-Monthly	SS-7550-0086	89.00	05.12.1985	SS70G008	Knowle Sandstone		W
George Hill	148	Dip-2 Weeks	SS-8251-0089	139.00	01.03.1966	SS80G002	Breccia		B
Heathfield Cottage	149	Dip-2 Weeks	SX-9485-9965	28.00	01.08.1969	SX99G052	Lower Sandstone	Valley Gravels	W
Hill Head	150	Dip-2 Weeks	SX-9826-9674	34.00	02.01.1969	SX99G017	Lower Sandstone		B
Kenton Vicarage	151	Dip-2 Weeks	SX-9582-8341	19.00	03.01.1969	SX98G040	Dawlish Sandstone		W
Knowle Farm	152	Dip-Monthly	SS-7820-0144	105.00	06.12.1985	SS70G002	Knowle Sandstone		W
Landsend Barton	153	Dip-2 Weeks	SS-7437-0017	127.00	15.07.1969	SS70G009	Knowle Sandstone		W
Little Pirzwell	154	Dip-2 Weeks	ST-0746-0915	137.00	17.03.1983	ST00G015	Upper Sandstone		W
Middle Hollacombe	155	Dip-2 Weeks	SS-8004-0027	89.00	01.03.1966	SS80G019	Breccia		W (2)
Shutterton	156	Dip-Monthly	SX-9677-7900	6.00	17.06.1986	SX97G023	Dawlish Sandstone		B
Westlake Farm B23	157	Dip-2 Weeks	SX-9518-8138	25.00	01.01.1985	SX98G053	Dawlish Sandstone		B

TRIASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Alfington No 1	158	Dip-Monthly	SY-1121-9661	83.00	01.11.1971	SY19G048	Otter Sandstone	Valley Gravels	B (4)
Alfington No 2	159	Chart	SY-1112-9744	66.00	01.12.1973	SY19G049	Otter Sandstone		B
Ashill	160	Chart	ST-0890-1181	110.00	11.04.1984	ST01G026	Otter Sandstone		B
Bicton No 1	161	Chart	SY-0778-8605	22.00	09.04.1981	SY08G149	Otter Sandstone		B
Bicton No 3	162	Chart	SY-0661-8544	38.00	19.05.1983	SY08G153	Otter Sandstone		B
Burrow	163	Dip-Monthly	SY-0771-8973	51.00	01.01.1969	SY08G016	Otter Sandstone		W (4)
Colaton Raleigh 2A	164	Dip-Monthly	SY-0703-8766	36.00	01.04.1971	SY08G031	Pebble Beds		B (4)
Colaton Raleigh 4A	165	Dip-Monthly	SY-0751-8794	44.00	01.01.1968	SY08G030	Pebble Beds		B
Dotton No 6	166	Dip-Monthly	SY-0864-8930	34.00	01.01.1969	SY08G122	Otter Sandstone	Valley Gravels	B (4)
East Budleigh No 1	167	Dip-Monthly	SY-0735-8469	7.00	16.01.1979	SY08G142	Otter Sandstone/P.Beds		B
East Budleigh No 4	168	Dip-Monthly	SY-0623-8445	31.00	09.05.1983	SY08G154	Otter Sandstone/P.Beds		B
East Budleigh No 5	169	Chart	SY-0678-8378	30.00	06.04.1983	SY08G155	Otter Sandstone/P.Beds		B
Feniton Court	170	Dip-2 Weeks	SY-1090-9937	72.00	01.12.1970	SY19G052	Upper Marls		W
Greatwell No 5A	171	Chart	SY-1102-9514	97.00	04.02.1977	SY19G059	Otter Sandstone		B (4)
Greatwell No 8	172	Dip-Monthly	SY-1068-9410	74.00	09.04.1973	SY19G063	Otter Sandstone		B
Greatwell No 9	173	Dip-Monthly	SY-1023-9397	60.00	09.04.1973	SY19G064	Otter Sandstone		B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES

Devon: TRIASSIC (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Harpford No 1	174	Dip-Monthly	SY-0912-9078	34.00	01.09.1971	SY09G098	Otter Sandstone		
Harpford No 2	175	Dip-Monthly	SY-0906-9080	26.00	08.11.1971	SY09G173	Otter Sandstone	Alluvium	B (4)
Harpford No 9A	176	Chart	SY-0932-9043	55.00	01.01.1976	SY09G102	Otter Sandstone/P.Beds		B (4)
Heathlands	177	Dip-2 Weeks	SY-0666-9234	103.00	01.11.1950	SY09G021	Otter Sandstone		W (3)
Higher Pitt Cottage	178	Dip-2 Weeks	SY-0876-9659	59.00	02.07.1969	SY09G099	Otter Sandstone	Valley Gravels	W (3)
Highercoombe	179	Dip-2 Weeks	SY-1010-9200	73.00	03.01.1966	SY19G044	Otter Sandstone		W (3)
Houghton Farm No 2	180	Chart	SY-0902-8804	31.00	01.01.1980	SY08G144	Otter Sandstone/P.Beds		B
Kersbrook No 1A	181	Dip-Monthly	SY-0638-8309	15.00	09.05.1983	SY08G138	Otter Sandstone		
Kersbrook No 1B	182	Chart	SY-0640-8308	15.00	29.03.1983	SY08G139	Otter Sandstone		B
Kingston Farm	183	Dip-2 Weeks	SY-0652-8785	50.00	04.03.1966	SY08G021	Otter Sandstone		W
Lancercombe	184	Dip-2 Weeks	SY-0951-9259	55.00	01.01.1966	SY09G088			
Longmead	185	Dip-2 Weeks	SY-0727-9325	92.00	02.01.1969	SY09G040	Pebble Beds		W
Northmostown No 4	186	Chart	SY-0932-8846	46.00	28.05.1973	SY08G077	Otter Sandstone		B
Otterton No 1	187	Dip/Logger	SY-0837-8421	19.00	16.08.1978	SY08G141	Otter Sandstone/P.Beds		B
Otterton No 2	188	Chart	SY-0847-8598	23.00	02.06.1983	SY08G150	Otter Sandstone/P.Beds		B
Otterton No 3	189	Chart	SY-0942-8651	60.00	02.06.1983	SY08G151	Otter Sandstone/P.Beds		B
Otterton No 4	190	Dip/Logger	SY-0779-8465	17.00	14.06.1983	SY08G152	Otter Sandstone/P.Beds		B
Otterton Saline	191	Dip/Logger			06.10.1989	SY08G159	Otter Sandstone/P.Beds		
Passaford Farm	192	Dip-2 Weeks	SY-0905-8766	26.00	11.07.1969	SY08G026	Otter Sandstone		W
Salston Cottages	193	Dip-2 Weeks	SY-0890-9475	56.00	01.05.1969	SY09G100	Otter Sandstone	Valley Gravels	W
Southey Barton	194	Chart	ST-0886-1341		01.09.1985	ST01G027	Otter Sandstone		
The Haywain	195	Chart	ST-0887-1717	138.00	02.01.1969	ST01G014	Otter Sandstone		W
Tidwell Farm	196	Dip-Monthly	SY-0608-8332	24.00	21.06.1967	SY08G034	Otter Sandstone		W
Tidwell No 1	197	Chart	SY-0609-8287	30.00	01.08.1979	SY08G146	Otter Sandstone		B
Warren House	198	Dip-2 Weeks	SY-0788-8911	56.00	03.01.1966	SY08G081	Otter Sandstone		W
Wiggaton No 4	199	Dip-Monthly	SY-0934-9358	37.00	03.01.1966	SY09G054	Otter Sandstone/P.Beds	Alluvium	B
Woodbury Common 2	200	Dip-Monthly	SY-0533-8782	116.00	30.11.1967	SY08G065	Pebble Beds		B
Woodbury ED	201	Dip-Monthly	SY-0414-8434	94.00	27.03.1968	SY08G038	Pebble Beds		B
Woodleys No 1	202	Dip/Logger	SY-0850-9146	42.00	01.01.1966	SY09G095			

JURASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Furlyns (FU)	203	Chart	ST-4145-0493	107.00	01.03.1966	ST40G002	Upper Lias		W

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES

Devon: CRETACEOUS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (HIPS)	Solid Geology	Drift Geology	Type
Beer (BEE)	204	Chart	SY-2115-9043	84.00	30.12.1969	SY29G016	Upper Greensand/Chalk	Clay with Flints	B
Lime Kiln Way (LKW)	205	Dip-Monthly	ST-3766-0671	130.00	03.01.1969	ST30G007	Upper Greensand		W
Oatens Farm (OF)	206	Dip-2 Weeks	ST-1889-1230	236.00	25.04.1969	ST11G021	Upper Greensand		W
Rousdon No 1B (R1B)	207	Chart	SY-2886-9197	105.00	10.08.1984	SY29G050	Upper Greensand		B
Sunnyside Farm (SUF)	208	Dip-2 Weeks	ST-1511-0374	218.00	28.02.1966	ST10G001	Upper Greensand		W
Whitlands (WHI)	209	Chart	SY-3050-9142	158.00	10.08.1984	SY39G052	Upper Greensand		B

Area: North Wessex

SILURIAN

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Wall Tyning (WT)	210	Dip-Fortnightly	ST-6720-4590	0.00	06.02.1992	92064344	Volcanics (Andesite lavas and tuffs)		B

DEVONIAN

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Bishops Lydeard (BL)	211	Dip-Monthly	ST-1810-3380	344.56	29.05.1992	91613401	Red Sandstone		B
Chantry 1 (C1)	212	Dip-Fortnightly	ST-7140-4680	162.38	27.11.1993	91674242	Inf. Oolite		B
Oakhill 2 (O2)	213	Dip-Monthly	ST-6530-4640	240.10	05.02.1974	91664338	Old Red Sand.		B

CARBONIFEROUS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Felton BWW (FBWW)	214	Dip-Monthly	ST-5220-6570	154.53	04.06.1982	90756231	Carb. Lsn.		B
Finger Valley 1 (FV1)	215	Dip-Fortnightly	ST-7140-4810	125.15	16.06.1978	90774245	Carb. Lsn.		B
Great Elm 1 (GE1)	216	Dip-Fortnightly	ST-7480-4910	78.82	06.10.1978	90774248	Carb. Lsn.		B
Hapsford Quarry 1 (HQ1)	217	Dip-Fortnightly	ST-7590-4930	68.35	29.11.1978	90774345	Carb. Lsn.	River Gravels	B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
North Wessex: CARBONIFEROUS (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Lower Whatley (LWH)	218	Dip-Fortnightly	ST-74304710	100.60	14.06.1979	90774249	Carb. Lsn		B
Mells Sewage Works 1 (MSW1)	219	Dip-Fortnightly	ST-7330-4890	97.54	01.09.1978	90774246	Carb. Lsn.		B
Murder Combe Acid (MCA)	220	Dip-Fortnightly	ST-7430-4840	92.61	06.02.1991	90774253	Carb. Lsn.		B
Murtry 1 (M1)	221	Dip-Fortnightly	ST-7620-4980	69.02	07.11.1980	90774347	Carb. Lsn.		B
Oakhill 1 (O1)	222	Dip-Monthly	ST-6560-4790	159.88	05.02.1974	90764337	Carb. Lsn.		B
Southfield House,Whatley (SHW)	223	Dip-Monthly	ST-7300-4680	123.31	30.06.1975	90774230	Carb. Lsn.		B
Stall Street (Level) (SSL)	224	Dip-Weekly	ST-7510-6480	21.90	10.08.1983	90776402	Carb. Lsn.		W
Torr Quarry 3B (TQ3B)	225	Dip-Monthly	ST-6970-4420	162.18	09.03.1982	90764450	Carb. Lsn.		B
Torr Quarry 4 (TQ4)	226	Dip-Monthly	ST-6980-4570	186.44	15.12.1980	90764339	Carb. Lsn.		B
Vallis No.1 (V1)	227	Dip-Monthly	ST-7570-4850	73.68	15.11.1978	90774344	Carb. Lsn.		B
Westdown Farm (WF)	228	Dip-Monthly	ST-7210-4520	145.41	02.04.1974	90774203	Carb. Lsn.		W
Winford Hospital (WI)	229	Dip-Monthly	ST-5340-6570	149.05	19.02.1982	90756230	Carb. Lsn.		W
Wrington (WR)	230	Dip-Monthly	ST-4750-6350	95.54	05.06.1992	9074610	Carb. Lsn.		B

PERMIAN

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Milverton (ML)	231	Dip-Monthly	ST-1100-2700	-----	11.07.1985	9752200	Lower Sandstone		W

PERMO/TRIASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Chipley (CI)	232	Dip-Monthly	ST-1160-2530	89.92	07.04.1993	91822102	Otter Sandstone		

TRIASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Compton Dundon (COM)	233	Dip-Monthly	ST-4910-3410	78.36	21.05.1992	90643100	Mercia Mudstones		

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
North Wessex: JURASSIC

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Allington No.1 (AL1)	234	Dip-Monthly	ST-8970-7480	81.46	03.10.1974	91487433	Gt. Oolite		B
Alterton Grove Farm	235	Dip-Monthly	ST-8310-8140	121.41	20.11.1998	914881337	Gt. Oolite.		B
Atworth 1 (A1)	236	Dip-Monthly	ST-8580-6630	75.27	20.11.1998	908863322	Inf. Oolite		B
Atworth 3 (A3)	237	Dip-Monthly	ST-8590-6640	74.99	06.04.1972	91486334	Gt. Oolite		B
Brokenborough 1 (BR1)	238	Dip-Monthly	ST-9140-8930	75.15	05.05.1976	90898241	Inf. Oolite		B
Brokenborough 2 (BR2)	239	Dip-Monthly	ST-9140-8930	74.96	05.05.1976	91498242	Gt. Oolite		B
Buckland Dinham 1 (BD)	240	Dip-Monthly	ST-7566-5080	73.98	28.06.1979	90875433	Inf. Oolite		B
Chalfield 1 (C1)	241	Dip-Monthly	ST-8520-6330	53.43	09.05.1973	91486445	Gt. Oolite		B
Chalfield 2 (C2)	242	Dip-Monthly	ST-8600-6290	54.30	09.05.1973	91486444	Gt. Oolite		B
Chalfield Prod (CPR)	243	Dip-Monthly	ST-8520-6330	50.96	15.12.1973	91486446	Gt. Oolite		B
Cock Road Obs 1 (CO1)	244	Dip-Fortnightly	ST-7530-5230	81.83	03.06.1981	90875436	Inf. Oolite	Alluvium	B
Cold Harbour No.1 (CH1)	245	Dip-Monthly	ST-6850-4310	170.74	08.10.1979	90864441	Inf. Oolite		B
Colerne 1 (COL1)	246	Dip-Monthly	ST-8190-7210	159.96	04.09.1973	91487134	Gt. Oolite		B
Court House Dairy Obs. (CHDO)	247	Dip-Monthly	ST-6230-1440	58.81	26.05.1976	97235000	Fullers Earth-Inf. Oolite		B
Cowbridge Obs 2 (CO2)	248	Dip-Monthly	ST-9420-8630	66.68	09.01.1977	91498249	Gt. Oolite	River Gravels/Alluv.	B
Cranmore STW 1 (CSTW1)	249	Dip-Monthly	ST-6930-4360	165.23	11.04.1980	91364446	Lias		B
Cranmore STW 2 (CSTW2)	250	Dip-Monthly	ST-6930-4360	164.79	11.04.1980	90864447	Inf. Oolite		B
Crudwell Obs. (CRU)	251	Dip-Monthly	ST-9560-9270	94.96	10.05.1983	91499486	Gt. Oolite		B
Daniels Well (DW)	252	Dip-Monthly	ST-9305-8719	71.32	27.03.1992	91498216	Gt. Oolite		W
Dean 2 (D2)	253	Dip-Monthly	ST-6720-4390	184.49	29.01.1980	91364443	Lias		B
Didmarton 1 (DI1)	254	Dip-Monthly	ST-8870-8740	113.88	12.11.1975	90888236	Inf. Oolite		B
Didmarton 2 (DI2)	255	Dip-Monthly	ST-8870-8740	113.83	12.11.1975	91488237	Gt. Oolite		B
Down Farm	256	Dip-Monthly	ST-7880-7730	161.78	1998	914773348	Gt. Oolite		
East Cranmore 1 (EC1)	257	Dip-Monthly	ST-6840-4370	169.86	20.09.1979	91364437	Lias		B
East Cranmore 2 (EC2)	258	Dip-Monthly	ST-6840-4370	169.76	20.09.1979	90864438	Inf. Oolite		B
Egford No.1 (EG1)	259	Dip-Monthly	ST-7550-4820	75.83	14.06.1979	90874346	Inf. Oolite		B
Foxley 1 (FO1)	260	Dip-Monthly	ST-9030-8600	76.70	28.02.1976	90898243	Inf. Oolite		B
Foxley 2 (FO2)	261	Dip-Monthly	ST-9030-8600	76.53	28.07.1976	91498244	Gt. Oolite		B
Frome 1 (FI)	262	Dip-Fortnightly	ST-7730-4980	58.79	18.06.1974	90874339	Inf. Oolite	River Gravels/Alluv.	B
Frome 2 (F2)	263	Dip-Fortnightly	ST-7730-4990	59.19	18.06.1974	90874340	Inf. Oolite	River Gravels	B
Gt. Cumberwell Farm (GCF)	264	Dip-Monthly	ST-8240-6350	73.91	02.08.1967	91486111	Gt. Oolite		B
Hilperton No.1 (HI1)	265	Dip-Monthly	ST-8770-5980	47.26	21.10.1971	91485333	Gt. Oolite		B
Hullavington 1 (H1)	266	Dip-Monthly	ST-8890-8250	87.94	07.08.1973	90888448	Inf. Oolite		B
Hullavington 2 (H2)	267	Dip-Monthly	ST-8890-8250	87.77	23.07.1975	91488451	Gt. Oolite		B
Hullavington Prod 2 (HP2)	268	Dip-Monthly	ST-8880-8250	88.34	15.04.1981	90888454	Inf. Oolite		B
Jackaments Bottom (JB)	269	Dip-Monthly	ST-9670-9720	106.62	28.08.1975	90899375	Inf. Oolite		B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES
North Wessex: JURASSIC (CONT..)

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Lacock 2 (LA2)	270	Dip-Monthly	ST-9210-6930	39.28	11.04.1972	91496233	Gt. Oolite		B
Lacock 3 (LA3)	271	Dip-Monthly	ST-8970-6910	52.79	22.05.1974	91486335	Gt. Oolite		B
Laverton Obs.1 (LO1)	272	Dip-Fortnightly	ST-7640-5230	77.01	05.06.1981	90875437	Inf. Oolite		B
Luckington Prod (LUC)	273	Dip-Monthly	ST-8340-8310	109.26	18.08.1977	90888141	Inf. Oolite		B
Malmesbury 1 (MA1)	274	Dip-Monthly	ST-9310-8780	71.96	03.10.1984	91498256	Gt. Oolite	Alluvium	B
Market Cross Cottage	275	Dip-Monthly	ST-8420-7720	—	1998	91487247	Gt. Oolite	Alluvium	
Mells 2 (ME2)	276	Dip-Fortnightly	ST-7330-4980	114.36	02.05.1980	90874250	Inf. Oolite		B
Milbourne Obs 2 (MI2)	277	Dip-Monthly	ST-9490-8780	86.83	13.06.1977	91498247	Gt Oolite		B
Murtry 2 (MU2)	278	Dip-Fortnightly	ST-7620-4980	69.02	07.11.1980	91374348	Lias		B
Over Compton (OC)	279	Dip-Monthly	ST-5910-1690	60.16	22.09.1971	97221000	Inf. Oolite-Yeovil Sands		B
Parsons (PAR)	280	Dip-Monthly	ST-6380-1670	67.23	03.01.1975	97248007	Inf. Oolite-Yeovil Sands		B
Patterdown B.H. (PBH)	281	Dip-Monthly	ST-9080-7140	53.80	25.04.1972	91497131	Gt Oolite		B
Petty France (PF)	282	Dip-Monthly	ST-7870-8540	157.72	02.06.1960	91478330	Gt Oolite		B
Pinnegar Bottom (PB)	283	Dip-Monthly	ST-9650-9510	106.36	24.07.1975	91499374	Gt. Oolite		B
Rodbourne Obs 1 (RO1)	284	Dip-Monthly	ST-9380-8400	67.95	14.06.1977	91498143	Gt Oolite		W
Rudge No.1 (RU1)	285	Dip-Fortnightly	ST-8230-5230	79.38	05.06.1981	90885138	Inf. Oolite		B
Sherston S.T.W. Prod (SSTWP)	286	Intermittent	ST-8580-8570	94.14	13.12.1976	91488350	Gt Oolite	Alluvium	B
Silverlake Farm (SF)	287	Dip-Monthly	ST-6140-1540	54.16	23.12.1976	97259000	Inf. Oolite-Yeovil Sands		B
Silver Street 2 (SS2)	288	Dip-Monthly	SU-0160-8960	120.22	17.08.1983	91408271	Gt. Oolite		B
South Wraxall P.H. (SWPH)	289	Dip-Monthly	ST-8290-6440	78.04	20.06.1977	91486137	Gt Oolite		B
Stanbridge Obs 2 (S02)	290	Dip-Monthly	ST-8410-8610	99.85	03.10.1977	90888245	Inf. Oolite		B
Stanbridge Prod (SP)	291	Dip-Monthly	ST-8410-8610	101.29	25.02.1977	90888243	Inf. Oolite	Alluvium	B
Stanton Production 2 (SP2)	292	Dip-Monthly	ST-9210-8100	77.33	11.08.1981	91498110	Gt Oolite		B
Tetbury Obs 1 (TO1)	293	Dip-Monthly	ST-8950-9270	94.06	23.09.1977	90889437	Inf. Oolite		B
Tetbury STW Prod (TSTW)	294	Dip-Monthly	ST-8950-9270	94.28	23.09.1977	90889441	Inf. Oolite		B
Tormarton No. 1	295	Dip-Monthly	ST-7830-7680	139.06	20.111998	908773412	Inf. Oolite		B
West Cranmore 1 (WC1)	296	Dip-Monthly	ST-6710-4290	181.01	29.11.1979	91364439	Lias		B
West Cranmore 2 (WC2)	297	Dip-Monthly	ST-6710-4290	181.12	29.11.1979	90864440	Inf. Oolite		B
Wilkins 2 (W2)	298	Dip-Monthly	ST-6670-1940	119.29	22.09.1971	9725212	Inf. Oolite		B
Woolverton Obs. 1 (WO1)	299	Dip-Fortnightly	ST-7910-5300	53.98	05.06.1981	90875438	Inf. Oolite	Alluvium	B
Yatton Keynell Manor Hse	300	Dip-Monthly	ST-8660-7640	199.55	30.09.1998	914873377	Gt. Oolite		B

Table 4.1: SOUTH WESTERN REGION GROUNDWATER STATIONS - CURRENTLY OPERATING SITES

North Wessex: CRETACEOUS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Heddington (HE)	301	Dip-Monthly	SU-0050-6570	160.40	13.10.1992	90106273	Upper Greensand/Lr Chalk		B
Lavington 7 (L7)	302	Dip-Monthly	SU-0230-5470	101.16	29.11.1971	91205134	Upper Greensand		B

OTHERS

Station Name	Map Ref. No.	Measurement Frequency	N.G.R.	Altitude (m)	Archive Start Date	Ref No. (GWARK)	Solid Geology	Drift Geology	Type
Bath Hot Springs (BHS)	303	Dip-Weekly	ST-7510-6480	——	05.07.1992	92976495	----------		V Notch
Great Bath Inflow GBI)	304	Dip-Weekly	ST-7510-6480	——	02.07.1982	92976494	----------		Temp
Stall Street (Temp) (SST)	305	Dip-Weekly	ST-7510-6480	——	12.08.1983	92976402	----------		Temp

GROUNDWATER GAUGING STATION DETAILS

Table 5.0: AREAL RAINFALL FOR THE SOUTH WEST REGION FOR 1997 AND 1998
(Data supplied by the Meteorological Office, 1961-1990 L.T.A.'s used)

Year	Month	Devon and Cornwall			Wessex			South Western Region		
		Rainfall Total	Longterm Average	% of Average	Rainfall Total	Longterm Average	% of Average	Rainfall Total	Longterm Average	% of Average
1997	Jan	21	138	15	13	87	14	17	114	15
	Feb	137	101	135	107	65	165	123	84	146
	March	37	99	37	31	70	44	34	85	40
	April	32	69	46	23	53	43	28	61	45
	May	81	72	112	68	61	112	75	67	112
	June	118	69	171	90	57	157	105	63	165
	July	37	69	53	34	52	65	35	61	58
	Aug	178	84	212	141	66	213	160	75	213
	Sept	45	93	49	25	72	35	36	83	43
	Oct	99	116	86	63	79	79	82	98	83
	Nov	198	125	159	126	83	151	164	105	156
	Dec	118	139	85	85	93	91	102	117	87
	TOTAL	**1101**	**1173**	**94**	**804**	**839**	**96**	**959**	**1014**	**95**
1998	Jan	148	138	107	116	87	134	133	114	117
	Feb	21	101	21	16	65	24	19	84	22
	March	111	99	112	77	70	110	95	85	112
	April	137	69	198	111	53	210	125	61	203
	May	42	72	58	36	61	59	39	67	58
	June	125	69	181	109	57	192	118	63	186
	July	92	69	133	49	52	94	72	61	117
	Aug	39	84	46	32	66	48	36	75	47
	Sept	118	93	126	102	72	141	110	83	133
	Oct	202	116	174	154	79	195	179	98	182
	Nov	127	125	101	69	83	83	99	105	95
	Dec	146	139	105	94	93	101	121	117	103
	TOTAL	**1307**	**1173**	**111**	**966**	**839**	**115**	**1144**	**1014**	**113**

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS

Area: South Wessex

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
BISHOPS CANNINGS, EASTON FARM	335117	SU	048	645	135	760	1990	D		AVON
WEDHAMPTON, OLD MANOR FARM	335250	SU	059	576	120	760	1986	D		AVON
NEW MILL	335466	SU	184	621	128	----	1994	D		AVON
ALTON BARNES	335662	SU	107	621	127	753	1989	5		AVON
BOSCOMBE DOWN	336376	SU	172	393	126	705	1961	D	R	AVON
LARK HILL	336402	SU	137	447	132	742	1961	5		AVON
SHAFTESBURY, ST. MARYS SCHOOL	336655	ST	885	229	186	----	1995	D		NADDER, AVON
FONTHILL BISHOP	337022	ST	938	330	122	887	1982	D		NADDER, AVON
CHURCH VIEW, SWALLOWCLIFFE	337074	ST	962	272	122	-----	1997	D		NADDER, AVON
TEFFONT MAGNA, SPRINGHEAD	337208	ST	987	328	99	863	1993	D		NADDER, AVON
SWALLOWCLIFFE, FOURWAYS	337241	ST	975	274	138	854	1992	D		NADDER, AVON
WILTON HOUSE	337470	SU	098	311	53	815	1982	D		NADDER, AVON
NORTON FERRIS	337502	ST	791	365	175	973	1993	D		WYLYE,NADDER,AVON
BRIXTON DEVERILL	337670	ST	863	386	122	925	1991	D		WYLYE,NADDER,AVON
BOYTON	338134	ST	953	402	85	----	1991	D		WYLYE,NADDER,AVON
IMBER	338221	ST	963	488	120	-----	1994	D		WYLYE,NADDER,AVON
TILSHEAD, CANDOWN RD	338750	SU	037	481	101	748	1989	D		TILL, WYLYE , NADDER, AVON
COLLINGBOURNE KINGSTON, WAGLANDS FARM	339374	SU	244	566	145	766	1978	D		BOURNE, AVON
SOUTH TIDWORTH S.WKS	339608	SU	231	468	104	750	1965	D		BOURNE, AVON
HURDCOTT	339911	SU	169	339	53	725	1984	D		BOURNE, AVON
ODSTOCK DOWN, YEWS FARM	340394	SU	142	245	107	837	1982	D		EBBLE, AVON
MARTIN DOWN	340765	SU	058	189	91	874	1982	D		AVON
FROGHAM	341123	SU	165	129	45	803	1993	D		AVON
BISTERNE	341580	SU	152	007	13	831	1961	D		AVON
MERE, UNION HOUSE	341879	ST	809	322	105	871	1993	D		STOUR , AVON
FIFEHEAD MAGDALEN	342282	ST	779	214	91	789	1974	D		STOUR , AVON
DUNTISH CROSS	342794	ST	695	067	120	-----	1994	D		STOUR , AVON
HIGH DAM, KINGSTON	342972	ST	749	098	102	-----	1998	D		STOUR , AVON
LONG BURTON	343149	ST	648	134	100	845	1991	D		STOUR , AVON
STURMINSTER NEWTON, ROSECROFT	343447	ST	785	145	67	768	1963	D		STOUR , AVON
STOURPAINE, LAZERTON FARM	344005	ST	863	103	46	853	1982	D		STOUR , AVON
BLANDFORD, RIVERS HOUSE	344044	ST	890	084	89	875	1991	5		STOUR , AVON
TARRANT GUNVILLE	344261	ST	922	134	84	881	1993	D		TARRANT , STOUR , AVON
TARRANT MONKTON COTTAGE	344323	ST	947	087	-----	-----	1998	D		TARRANT , STOUR , AVON
STURMINSTER MARSHALL	344866	SY	948	999	24	-----	1994	D		STOUR , AVON

KEY

M.O. REF. NO. = METEOROLOGICAL OFFICE REFERENCE NUMBER

FREQUENCY OF OBSERVATIONS FROM STANDARD RAINGAUGE

D = DAILY OBSERVATIONS

5 = FIVE OR SIX DAY WEEK OBSERVATIONS (WEEKEND ACCUMULATIONS)

I = IRREGULAR READINGS (OVER THREE PER MONTH)

M = MONTHLY TOTALS ONLY

RAIN-RECORDER EQUIPMENT.

R = TILTING OR NATURAL SYPHON PATTERN CHART RECORDER

E = TIPPING BUCKET RECORDER WITH TELEMETRY

B = BOTH TYPE R AND E

S = SERVELEC

C = TYPE R WITH CO-LOCATED CHECK GAUGE OR TIPPING BUCKET AVAILABLE

D = TYPE E WITH CO-LOCATED CHECK GAUGE OR TIPPING BUCKET AVAILABLE

X = NO LONGER OPERATES A RECORDER (HAD EITHER TYPE R OR E)

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: South Wessex (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
WIMBORNE ST. GILES, ALLENBROOK FISH FARM	345205	SU	018	107	46	826	1990	D		ALLEN , STOUR , AVON
STANBRIDGE MILL P.STA.	345379	SU	011	089	40	819	1965	I		ALLEN , STOUR , AVON
WIMBORNE P.STA.	345678	SU	007	010	21	821	1961	D		ALLEN , STOUR , AVON
ST. LEONARDS	346172	SU	112	032	20	----	1995	D		MOORS, STOUR, AVON
ALDERNEY RESR	346847	SZ	045	950	69	814	1961	D		BOURNE, COASTAL
BRANKSOME, BOURNE VALLEY GAS WKS	346876	SZ	060	924	24	815	1961	5		BOURNE, COASTAL
POOLE, NUFFIELD RD	346992	SZ	013	933	7	792	1985	5	E	COASTAL
PIDDLETRENTHIDE, HILLSIDE FARM	347351	SY	707	999	132	----	1994	D		PIDDLE
LOWER ANSTY, IVY COTTAGE	347553	ST	769	029	123	946	1982	D		PIDDLE
MILBOURNE ST. ANDREW	347828	SY	793	979	113	----	1998	D		
BERE REGIS	347911	SY	847	948	43	----	1994	D		PIDDLE
TRIGON	347973	SY	887	889	18	830	1961	D		PIDDLE
TOLLER PORCORUM	348342	SY	558	975	134	989	1993	D		FROME
SYDLING ST NICHOLAS	348558	SY	632	995	109	----	1997	D		FROME
CHARMINSTER, HILL VIEW	348809	SY	675	927	77	918	1982	D		FROME
KINGSTON MAURWARD	348916	SY	719	910	73	916	1963	D		FROME
WINTERBOURNE ABBAS	348972	SY	618	906	105	1010	1993	D		SOUTH WINTERBOURNE, FROME
WHITWAY FARM, WINTERBOURNE STEEPLETON	349004	SY	634	898	91	----	1998	D		FROME
EAST BURTON	349598	SY	834	870	18	881	1986	D		FROME
EAST STOKE, FRESHWATER RIVER LAB.	349695	SY	869	867	9	879	1968	D		FROME
CHURCH KNOWLE	350029	SY	942	809	60	----	1994	D		
LANGTON MATRAVERS	350293	SZ	004	786	73	838	1993	D		COASTAL
PRESTON, COVE HOUSE	350549	SY	698	819	40	----	1995	D		COASTAL
NOTTINGTON	350696	SY	660	825	24	782	1991	D		COASTAL
PORTLAND RNAS, MET.OFFICE	350810	SY	683	742	3	636	1981	5	R	COASTAL
WEYMOUTH	350821	SY	663	774	35	753	1993	D		COASTAL
BURTON BRADSTOCK, BREDY FARM	351123	SY	508	899	18	779	1991	D		BRIT, COASTAL
BEAMINSTER, NORTH STREET	351187	ST	483	016	65	977	1992	D		BRIT, COASTAL
POWERSTOCK	351523	SY	531	971	87	921	1990	M		ASKER , BRIT, COASTAL
BEAMINSTER (BE)	----	ST	480	010	----	----	1995	D	E	
BLACK LANE (BL)	----	ST	902	072	----	----	1995	D	E	
BOURNEMOUTH T. HALL (BH)	----	SZ	084	915	----	----	1995		E	
BREDY FARM (BF)	----	SY	508	899	18	----	1995	D	E	
CANNINGS (CA)	----	SU	050	621	----	----	1995	D	E	
EAST MILLS (EM)	----	SU	144	133	----	----	1995	D	E	
EVERSHOT (EV)	----	ST	578	043	----	----	1995	D	E	
FRIAR WADDON (FW)	----	SY	653	858	65	----	1995	D	E	
GILLINGHAM (GI)	----	ST	803	258	79	----	1995	D	E	
KINGSTAG (KI)	----	ST	726	108	----	----	1995	D	E	
KNAPP MILL (KM)	----	SZ	156	944	----	----	1996	D	E	
LODGEHOUSE FARM (LF)	----	SY	402	979	----	----	1995	D	E	
NUFFIELD ROAD (NU)	----	SZ	016	934	7	----	1995	D	E	
POWERSTOCK (PS)	----	SY	517	960	----	----	1995	D	E	
SIXPENNY HANDLEY (SH)	----	ST	997	171	----	----	1985	D		
SWANAGE (SW)	----	SZ	030	794	----	----	1995	D	E	
TISBURY (TI)	----	ST	957	300	----	----	1995	D	E	
WARMINSTER BROXBURN	----	ST	860	446	----	----	1984	D		
WINCANTON (WI)	----	ST	711	274	----	----	1995	D	E	
WINTERBOURNE STOKE (WS)	----	SU	074	405	----	----	1995	D	E	

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS

Area: Devon

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
PINHAY	351986	SY	315	913	137	926	1956	D		COASTAL
CRICKET ST. THOMAS, WILDLIFE PARK	352282	ST	371	085	135	963	1966	5		COASTAL
FORDE ABBEY	352316	ST	359	051	70	937	1979	D		COASTAL
CHARD JUNCTION	352343	ST	340	047	53	911	1979	D		COASTAL
WAMBROOK	352519	ST	291	073	200	1041	1968	D		AXE
AXMINSTER, LYME RD RESR	352686	SY	307	977	108	1010	1956	5		AXE
BUCKLAND ST MARY	352746	ST	272	133	218	1027	1967	D		YARTY , AXE
MILLHAYES	353000	ST	237	038	117	1031	1988	D		YARTY , AXE
FARWAY, TEDBRIDGE	353195	SY	176	959	94	1067	1978	D		COLY, AXE
WILMINGTON P.STA.	353419	ST	214	004	91	1062	1972	D		COLY, AXE
SEATON JUNCTION, RAYLEEN	353471	SY	248	966	35	936	1982	D		COLY, AXE
HOLYFORD	353510	SY	236	922	46	945	1969	D		AXE
BEER, WINDYRIDGE	353608	SY	231	894	66	820	1948	D		COASTAL
SIDFORD PUMPING STATION	353781	SY	137	903	----	----	1980	D		SID, COASTAL
SIDMOUTH	353863	SY	124	873	10	773	1929	D	X	COASTAL
CHURCHINGFORD, BROOMS LANE	353910	ST	206	121	----	----	1994	D		CULM
UPOTTERY, YEW TREE	353965	ST	207	089	225	1043	1983	D		OTTER
HONITON, PINE PARK	354170	ST	169	005	----	----	1957	5		OTTER
FENITON COURT	354295	SY	109	994	67	903	1929	D		OTTER
OTTERY ST MARY, GREATWELL P.STA.	354492	SY	110	955	79	924	1985	D		OTTER
OTTERY ST MARY, KINGS SCHOOL	354497	SY	090	953	52	892	1984	D		OTTER
DOTTON P.STA.	354658	SY	083	882	27	827	1963	D		OTTER
BICTON HOUSE AG.COLL.	354697	SY	071	867	51	781	1980	D		OTTER
KERSBROOK	354778	SY	064	831	24	784	1969	5		OTTER
EXMOUTH	354863	SY	027	819	78	779	1990	D		COASTAL
EXMOUTH, THE MARLES	354895	SY	013	827	53	769	1971	D		COASTAL
PLYMTREE	355003	ST	050	031	64	847	1978	D		CLYST , COASTAL
CLYST ST LAWRENCE	355052	ST	021	005	81	834	1965	D		CLYST , COASTAL
WHIMPLE	355208	SY	045	970	----	----	1994	D		CLYST , COASTAL
BLACKPITS GATE	355568	SS	763	417	407	1744	1981	M		EXE
WELLSHEAD	355612	SS	822	418	422	1785	1968	M		EXE
EXFORD, CHURCH HILL	355649	SS	856	385	288	1500	1992	D		EXE
WINSFORD	355735	SS	906	348	189	1419	1929	D		EXE
BROMPTON REGIS, GUTTERHOLE	355871	SS	941	319	320	1253	1968	M		EXE
BROMPTON REGIS, POST OFFICE	356058	SS	950	317	280	1273	1996	D		EXE
HONEYMEAD	356262	SS	797	392	381	1610	1941	D		BARLE , EXE
KINSFORD GATE	356283	SS	745	366	457	2004	1951	M		BARLE , EXE
LONG HOLCOMBE	356308	SS	770	355	397	1733	1991	M		BARLE , EXE
HAWKRIDGE, WITHYPOOL CROSS	356475	SS	849	313	319	1431	1968	M		BARLE , EXE
HAWKRIDGE POST OFFICE	356497	SS	860	308	----	----	1997			BARLE , EXE
EXEBRIDGE	356650	SS	930	243	113	1124	1974	D		EXE
CLAYHANGER	356984	ST	021	229	165	1053	1963	D		BATHERM , EXE
PYLEMORE	357205	SS	928	171	213	1170	194	D		EXE
HUNTSHAM	357435	SS	990	180	241	1054	1964	D		LOMAN , EXE
ALLERS W.WKS	357522	SS	966	152	104	975	1976	D		LOMAN , EXE
WITHLEIGH	357661	SS	914	127	183	1014	1989	D		EXE
BICKLEIGH NURSERIES, DORWEEKE	357822	SS	953	069	76	910	1978	D		EXE

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS

Area: Devon (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
STOKE CANON, OAKHAY BARTON	357960	SX	936	981	21	801	1971	D		EXE
HEMYOCK MARL PIT	358234	ST	138	129	165	996	1978	D	R	CULM, EXE
CULM DAVY, NEW BARN	358263	ST	122	147	169	939	1967	D		CULM, EXE
HOCKWORTHY HOUSE	358550	ST	041	195	-----	-----	1976	D		CULM, EXE
WILLAND, LOSINGA	358674	ST	035	103	-----	-----	1971	D		CULM, EXE
SAMPFORD PEVERELL	358680	ST	034	144	-----	-----	1980	D		CULM, EXE
CULLOMPTON, RULL FARM	358789	ST	019	087	83	-----	1998	D		CULM
BRADNINCH, FAIRFIELD HOUSE	358857	ST	002	044	97	905	1988	D		CULM, EXE
KENNERLEIGH	359169	SS	812	064	-----	-----	1994	D		EXE
CHERITON FITZPAINE	359279	SS	860	071	-----	-----	1994	D		DART, EXE
BOW, THORNE HOUSE	359575	SS	737	003	137	890	1988	D		YEO , CREEDY, EXE
BARNSTAPLE CROSS	359725	SS	805	014	139	802	1988	D		YEO , CREEDY, EXE
TEDBURN ST MARY	359818	SX	809	932	131	886	1966	D		YEO , CREEDY, EXE
CREDITON	359867	SS	831	007	130	834	1987	D		YEO , CREEDY, EXE
NEWTON ST CYRES, HOME FARM	359973	SX	878	983	30	845	1981	D		CREEDY, EXE
EXETER, COUNTY HALL	360155	SX	929	918	30	794	1963	D	D	EXE
POCOMBE BRIDGE	360259	SX	895	925	-----	-----	1997	D		EXE
SHILLINGFORD ABBOT	360325	SX	908	888	30	858	1978	D		EXE
EXMINSTER HOUSE	360358	SX	939	883	30		1998	D		CLYST
TOPSHAM, FOLLETT ROAD	360376	SX	964	883	-----	-----	1994	D		COASTAL
MAMHEAD	360763	SX	944	800	46	940	1966	D		COASTAL
LUSCOMBE CASTLE	360863	SX	943	768	59	910	1898	D		COASTAL
TEIGNMOUTH	360906	SX	941	728	3	818	1903	D		COASTAL
WINNEY'S DOWN	360915	SX	621	827	535	2227	1991	M		TEIGN
GALLAVEN MIRE	360969	SX	631	884	450	1999	1981	M		TEIGN
GIDLEIGH	361068	SX	674	889	204	1367	1992	D		TEIGN
WHITE RIDGE	361088	SX	650	824	488	2058	1926	M		SOUTH TEIGN , TEIGN
HURSTON RIDGE	361105	SX	668	828	411	1890	1932	M		SOUTH TEIGN , TEIGN
THORNWORTHY DOWN	361118	SX	664	846	354	1873	1957	M		SOUTH TEIGN , TEIGN
METHERALL	361123	SX	672	843	352	1828	1957	D		SOUTH TEIGN , TEIGN
FERNWORTHY HOUSE	361126	SX	673	842	352	1830	1972	D	X	SOUTH TEIGN , TEIGN
THORNWORTHY	361130	SX	671	850	344	1716	1991	M		SOUTH TEIGN , TEIGN
FURLONG MILL	361213	SX	709	895	146	1091	1981	D		TEIGN
KENNICK RESR 2	361705	SX	808	839	250	1119	1979	D		TRENCHFORD, TEIGN
TOTTIFORD, FILTER HOUSE	361711	SX	807	823	215	1114	1975	D		TRENCHFORD, TEIGN
HALDON	361753	SX	884	847	250	1030	1968	D		TEIGN
CHUDLEIGH	361850	SX	866	793	70	988	1955	D		TEIGN
NORTH BOVEY	361974	SX	719	836	267	1558	1982	D		BOVEY , TEIGN
MORETONHAMPSTEAD, KINSMAN'S DALE	362098	SX	754	862	200	1182	1989	D		BOVEY , TEIGN
YARNER WOOD	362187	SX	786	783	198	1283	1965	D		BOVEY , TEIGN
ILSINGTON	362295	SX	773	763	265	1390	1982	D		TEIGN
BICKINGTON	362557	SX	799	727	110	1172	1993	D		TEIGN
NEWTON ABBOT	362725	SX	862	716	-----	-----	1987	D		
BISHOPSTEIGNTON, LITTLEFIELD	362840	SX	903	738	70	889	1990	D		TEIGN
TORQUAY, TORRE ABBEY	363036	SX	907	639	15	902	1929	D	R	COASTAL
PAIGNTON, CLENNON VALLEY S.WKS	363113	SX	888	593	6	985	1981	5		COASTAL
CUT HILL	363235	SX	599	828	594	2405	1976	M		DART
ARCHERTON	363271	SX	637	792	393	1959	1982	1		DART
POUNDSGATE, SHERWELL	363366	SX	679	749	320	1723	1988	D		DART
FLAT TOR	363381	SX	601	806	533	2355	1982	M		WEST DART , DART
WHITE TOR	363389	SX	617	790	-----	-----	1991	M		
BEARDOWN HILL	363407	SX	606	768	482	2144	1961	M		WEST DART , DART

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS

Area: Devon (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
COWSIC VALLEY	363433	SX	594	767	403	2005	1987	M		WEST DART , DART
PRINCETOWN PRISON	363474	SX	586	741	----	----	1867	D		
CHERRYBROOK HOTEL	363534	SX	622	760	381	1858	1995	M		WEST DART , DART
SWINCOMBE	363624	SX	632	718	----	----	1924	D		
VENFORD RESR	363697	SX	684	707	290	2022	1927	D		DART
VENFORD DAM	363700	SX	688	712	290	1777	1927	D		DART
HOLNE, PRIDDONS FARM	363718	SX	696	703	290	----	1998	D		
HEADLAND WARREN	363742	SX	693	811	389	1811	1981	D		DART
WIDECOMBE IN THE MOOR	363861	SX	721	770	240	1542	1992	D		DART
BUCKLAND IN THE MOOR	363896	SX	718	740	----	----	1994	D		
RYDERS HILL	364067	SX	659	695	500	2452	1982	D		DART
SCORRITON, HIGHER COMBE	364083	SX	700	681	122	1798	1982	D		DART
DEANCOMBE, KEEPER'S COTTAGE	364119	SX	723	643	91	1552	1974	D		DART
BUCKFASTLEIGH S.WKS	364177	SX	749	659	23	1348	1965	5	D	DART
RATTERY	364283	SX	744	605	129	1362	1965	D		DART
BROADHEMPSTON, THE GABLES	364380	SX	806	659	58	1097	1992	D		DART
DENBURY	364404	SX	825	689	91	1050	1987	D		DART
DARTMOUTH, DEAN'S LODGE	365060	SX	880	506	24	1011	1935	D		DART
SLAPTON LEY FC	365364	SX	824	449	32	1035	1960	D	R	COASTAL
SOUTHPOOL, GULLET FARM	365556	SX	766	395	15	938	1987	5		COASTAL
HOPE COVE	365780	SX	684	404	150	891	1996	D		COASTAL
KINGSBRIDGE, EASTON	365789	SX	725	428	38	969	1973	D		COASTAL
HUNTINGDON WARREN	365918	SX	665	677	440	2158	1991	M		AVON WATER, COASTAL
WHITE BARROW	365942	SX	659	654	440	2167	1991	M		AVON WATER, COASTAL
AVON DAM	365962	SX	680	650	320	2122	1955	D		AVON WATER, COASTAL
BALA BROOK	365999	SX	675	627	232	2036	1954	5	X	AVON WATER, COASTAL
SOUTH BRENT, THE ROCK	366033	SX	696	607	123	1606	1991	D		AVON WATER, COASTAL
AVONWICK, BLACK HALL	366105	SX	712	576	99	1413	1963	D		AVON WATER, COASTAL
KINGSTON, SCOBBISCOMBE	366512	SX	631	470	99	989	1978	D		COASTAL
ERME INTAKE	366587	SX	636	630	----	----	1985			
HARFORD, TOR COTTAGE	366619	SX	639	591	198	1493	1974	D		ERME, COASTAL
HIGHER LUDBROOK	366754	SX	660	538	----	----	1994	D		
NORTH HESSARY	368633	SX	585	735	----	----	1924	D		
DOUBLE WATERS	368641	SX	577	723	355	1632	1924	M		MEAVY , PLYM
AMICOMBE BROOK	369342	SX	578	840	445	2163	1979	M		TAVY
RATTLEBROOK	369365	SX	558	871	534	1927	1974	M		TAVY
LANGSTONE MOOR	369508	SX	548	782	411	1787	1979	M		TAVY
WALKHAM HEAD NO.2	369839	SX	573	805	485	2035	1979	M		WALKHAM , TAVY
GAWLISH	387210	SS	254	270	126	1014	1989	D		COASTAL
CLOVELLY COURT NO.2	387252	SS	309	251	111	1203	1979	5		COASTAL
MEDDON-SUMMERWELL FARM	387400	SS	275	197	----	----	1995	D		
EAST PUTFORD	387598	SS	367	163	152	1228	1972	D		TORRIDGE
MILTON DAMEREL	387698	SS	394	118	168	1365	1964	D		TORRIDGE
THORNBURY	388058	SS	389	077	----	----	1993	D		
HIGHAMPTON, NORTH TREW FARM	388241	SS	474	042	----	----	1979	D		
ASHBURY STA.	388371	SX	483	963	253	1303	1964	D		LEW , TORRIDGE
VENN DOWN	388389	SX	507	940	247	1303	1976	D		LEW , TORRIDGE
INWARDLEIGH, WAYTOWN	388667	SX	547	980	183	1133	1970	D		LEW , TORRIDGE
EAST OKEMENT VALLEY	388947	SX	607	897	404	1793	1980	M		EAST OKEMENT, OKEMENT , TORRIDGE
OKEHAMPTON, E.OKEMENT FARM	388957	SX	605	913	400	1732	1991	D		EAST OKEMENT, OKEMENT , TORRIDGE
HIGH WILLHAYS	388964	SX	585	890	571	2128	1974	M		EAST OKEMENT, OKEMENT , TORRIDGE

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: Devon (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
BELSTONE RESR	389005	SX	616	934	338	1552	1967	S		EAST OKEMENT, OKEMENT , TORRIDGE
OKEHAMPTON PLEASURE GDNS	389018	SX	591	947	162	1327	1961	D		EAST OKEMENT, OKEMENT , TORRIDGE
IDDESLEIGH, WESTPARK	389394	SS	563	080	97	941	1976	D		TORRIDGE
MERTON CLAY WORKS	389529	SS	504	126	69	1092	1978	S		TORRIDGE
TORRIDGE VALE S.WKS	389897	SS	482	191	13	1045	1963	S		TORRIDGE
LANGTREE	389905	SS	448	157	46	1197	1979	D		TORRIDGE
BIDEFORD, KING GEORGE'S FIELDS	390480	SS	454	272	4	936	1965	D	R	TORRIDGE
TAW HEAD	390743	SX	609	867	518	2289	1976	M		TAW
TAW MARSH, BELSTONE	390782	SX	619	919	363	1489	1969	I		TAW
NORTH WYKE	390881	SX	658	983	177	1030	1958	D		TAW
BONDLEIGH	390988	SS	651	048	206	985	1995	D		TAW
SPREYTON, BARTON FARM	391162	SX	697	967	222	1026	1989	D		YEO , TAW
WASHFORD PYNE, HENCEFORD	391497	SS	822	116	183	973	1968	D		DALCH , YEO , TAW
LAPFORD	391612	SS	728	086	----	----	1994	D		
RACKENFORD HEIFFERS	391824	SS	896	286	----	----	1994	D		
HOLLOCOMBE	392291	SS	636	110	99	1058	1977	D		TAW
BURRINGTON COMMON	392373	SS	606	168	199	1128	1975	D		TAW
NORTH MOLTON HATCHERY	392580	SS	743	299	145	1286	1988	D		MOLE, TAW
EAST ANSTEY, WADDICOMBE	392723	SS	865	269	196	1297	1980	D		YEO , MOLE, TAW
MOLLAND THE BAKERY	392810	SS	807	284	198	1289	1980	D		YEO , MOLE, TAW
NORTH MOLTON RIDGE	392825	SS	779	323	419	1583	1988	M		YEO , MOLE, TAW
MESHAW, HILLSIDE	393120	SS	755	189	201	1103	1988	D		MOLE, TAW
ROSE ASH, LOWER ASH MOOR	393147	SS	796	196	232	1150	1984	I		MOLE, TAW
CHALLACOMBE, BROOKSIDE COTTAGE	393324	SS	693	408	255	1635	1992	D		BRAY, MOLE, TAW
FULLAFORD	393386	SS	682	380	245	1545	1965	D		BRAY, MOLE, TAW
FILLEIGH, STAGS HEAD	393577	SS	676	278	85	1131	1989	D		BRAY, MOLE, TAW
KINGS NYMPTON, HEAD MILL	393824	SS	667	182	41	1009	1990	D		MOLE, TAW
WARKLEIGH	393921	SS	639	239	143	1046	1974	D		TAW
HIGH BICKINGTON	394082	SS	598	199	171	1052	1979	D		TAW
GUNN, FURZE FARM	394318	SS	648	332	186	1258	1968	D		TAW
SWIMBRIDGE, YARMACOTT CORNER	394351	SS	623	305	73	1086	1964	D		TAW
WILLESLEIGH	394514	SS	600	334	110	1034	1968	D		TAW
BITTADON	395034	SS	542	422	210	1231	1974	I		COASTAL
BRAUNTON	395461	SS	481	370	----	----	1993	D		
ILFRACOMBE, HORE DOWN	395631	SS	527	442	248	----	1998	D		COASTAL
COMBE MARTIN	395728	SS	590	468	107	1184	1987	D		COASTAL
PARRACOMBE	395829	SS	660	448	227	1436	1992	M		COASTAL
WITHYCOMBE RIDGE	396041	SS	771	451	408	1640	1973	M		LYN , COASTAL
OAREFORD	396129	SS	812	459	343	1511	1977	M		LYN , COASTAL
CHAINS BARROW	396192	SS	734	420	484	1955	1952	M		LYN , COASTAL
LONGSTONE BARROW	396300	SS	708	428	472	1873	1952	M		LYN , COASTAL
LYNMOUTH, GLEN LYN	396371	SS	724	493	23	1118	1987	D		COASTAL
LUNDY: MARISCO	396385	SS	137	441	114	888	1988	D	R	COASTAL

Area: Cornwall

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
WATERCOMBE W.TR.WKS	368060	SX	629	612	280	1718	1965	D		YEALM , COASTAL
LUTTON W.WKS	368119	SX	588	590	168	1359	1974	D	R	YEALM , COASTAL
ERMINGTON, LOWER BURRATON	368204	SX	611	529	80	1178	1998	D		
PLYMOUTH WC	368490	SX	492	527	----	----	1991	D		

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: Cornwall (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
LEATHER TOR FARM	368668	SX	566	698	268	1688	1911	M		MEAVY , PLYM
SIWARD'S CROSS	368675	SX	595	699	341	1951	1892	M		MEAVY , PLYM
DEANCOMBE FARM	368699	SX	577	688	246	1754	1892	M		MEAVY , PLYM
BURRATOR LAWN	368715	SX	552	685	221	1529	1897	D	R	MEAVY , PLYM
LEE MOOR, HERRESCHOFF KILNS	368927	SX	567	610	122	1295	1984	5		PLYM
LITTLE WOODFORD	369021	SX	531	571	24	1139	1948	D		PLYM
MARISTOW GARDENS	369296	SX	474	640	30	1265	1928	D		COASTAL
WILLSWORTHY INTAKE	369423	SX	544	837	—	—	1978	M		
BLACKDOWN, WHEAL JEWEL	369483	SX	522	813	320	1582	1963	D		TAVY
MARY TAVY	369503	SX	509	784	154	1428	1963	D		TAVY
NORTH HESSARY TOR, BBC STA.	369919	SX	577	742	510	1705	1963	TD		WALKHAM , TAVY
PYWORTHY	370543	SS	313	028	152	1092	1977	D		TAMAR
DAVIES	370579	SX	314	982	114	1091	1913	D		TAMAR
CHILSWORTHY	370612	SS	327	066	146	1137	1974	D		TAMAR
OTTERHAM	371160	SX	169	916	203	1158	1974	D		OTTERY, TAMAR
WINNACOTT	371460	SX	258	901	117	1135	1968	D		OTTERY, TAMAR
WERRINGTON PARK	371600	SX	333	872	91	1113	1920	D		OTTERY, TAMAR
VIRGINSTOW, BEAWORTHY	371799	SX	377	927	145	1132	1976	D		CAREY , TAMAR
BROADWOODWIDGER	371834	SX	388	892	146	990	1982	D		CAREY , TAMAR
TRESMEER	371899	SX	230	870	152	1341	1974	D		KENSEY, TAMAR
PREWLEY	372159	SX	548	910	322	1558	1951	D		LYD , TAMAR
LIFTON	372437	SX	398	850	61	1071	1964	D		LYD , TAMAR
LEWDOWN	372622	SX	459	876	192	930	1982	M		THRUSHEL, LYD , TAMAR
HIGHER BROCKSCOMBE FARM	372697	SX	462	950	186	1128	1976	D	R	WOLF, THRUSHEL, LYD , TAMAR
ROADFORD DAM	372840	SX	425	897	139	1110	1987	D		
KELLY	372920	SX	396	819	128	1146	1970	D		TAMAR
LANDUE	373078	SX	351	797	69	1096	1901	D		TAMAR
ALTARNUN	373165	SX	222	813	177	1581	1963	D		PENPONT WATER , TAMAR
LEWANNICK	373392	SX	286	803	149	1313	1965	D		PENPONT WATER , TAMAR
OAK LODGE, STOKE CLIMSLAND	373539	SX	379	771	135	----	1998	D		
PENTILLIE CASTLE	373953	SX	406	647	46	1221	1947	D		TAMAR
BASTREET WATER WORKS	374322	SX	244	765	233	1678	1961	D	R	LYNHER, COASTAL
COADS GREEN	374360	SX	295	770	186	1344	1963	D		LYNHER, COASTAL
BATHPOOL	374385	SX	289	744	107	1356	1974	D		LYNHER, COASTAL
SHEVIOCK	375096	SX	369	551	45	—	1995	D		
TORPOINT S.WKS	375147	SX	415	542	8	1026	1977	5		COASTAL
ST CLEER DOWN W.TR.WKS	375292	SX	254	674	186	1420	1963	5		SEATON, COASTAL
TREGASTICK	375396	SX	282	596	—	—		D		
LISKEARD, LODGE HILL TR.WKS	375568	SX	241	630	46	1325	1977	5		LOOE, COASTAL
3 BEACON PARK	375927	SX	206	549	—	—	1994	D		
POLRUAN	376022	SX	123	508	—	—	1998	D		FOWEY, ESTUARY
ST NEOT, CARPUAN FARM	376290	SX	206	691	223	1337	1976	D		FOWEY , COASTAL
WARLEGGAN	376494	SX	157	690	198	1350	1974	M		WARLEGGAN , FOWEY , COASTAL
MOUNT, HOLTROAD WOOD FARM	376553	SX	147	647	100	1273	1998	D		
RESTORMEL W.TR.WKS	376747	SX	096	624	21	1268	1973	D		FOWEY , COASTAL
ROCHE	377162	SW	990	607	183	1371	1971	D		COASTAL
CARTHEW	377504	SX	002	559	221	1399	1974	D	X	COASTAL
HELIGAN GARDEN	377657	SX	001	463	—	—	1994	D		
TREGONY, TREVITHICK FARM	377808	SW	964	452	90	1100	1987	D		COASTAL
ST MAWES, TREVENNEL FARM	378025	SW	850	350	66	1004	1974	D		COASTAL
TREVISCOE	378183	SW	945	561	180	—	1995	D		
NEWHAM PUMP. STATION	378768	SW	832	432	15	1032	1976	5		TRURO , FAL
TREVINCE	379372	SW	737	402	73	1185	1887	D		DEVORAN , COASTAL

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: Cornwall (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
STITHIANS	379547	SW	738	371	120	1250	1987	D		KENNALL , DEVORAN , COASTAL
PENRYN RESR NO.2	379706	SW	778	337	55	1207	1961	D	R	COASTAL
WENDRON W.TR.WKS	379922	SW	678	307	137	1183	1985	D		HELFORD , COASTAL
LIZARD LIGHTHOUSE	380484	SW	705	115	----	----	1992	D		
CULDROSE RNAS MET.OFFICE	380837	SW	676	253	80	1032	1952	D	R	THE LOE , COASTAL
PENZANCE, PENLEE GARDENS	381210	SW	473	300	19	1140	1894	D		COASTAL
TRENGWAINTON HOUSE	381232	SW	450	313	116	1210	1902	D		COASTAL
DRIFT W.WKS	381316	SW	440	287	76	1163	1962	D	X	COASTAL
PORTHCURNO	381518	SW	385	226	55	935	1920	5		COASTAL
TRESCO: ABBEY GARDENS	381613	SV	894	140	6	865	1984	D		COASTAL
HAYLE	382297	SW	563	377	10	1028	1998	D		COASTAL
CAMBORNE MET.OFFICE AUTO.(RADAR) STA.	382430	SW	628	407	88	1080	1978	D	D	HAYLE, COASTAL
BOSWYN RESR	382444	SW	657	363	149	1266	1920	D		HAYLE, COASTAL
MAWLA	382603	SW	703	458	61	998	1975	D		HAYLE, COASTAL
ST AGNES	382793	SW	721	506	97	1016	1872	D		HAYLE, COASTAL
GOONHAVERN	382923	SW	786	537	64	1017	1975	D		HAYLE, COASTAL
SUMMERCOURT, NANCOLLETH FARM	383126	SW	860	569	57	1048	1998	D		
ST MAWGAN MET. OFFICE	383478	SW	871	642	103	1005	1957	D	C	COASTAL
PADSTOW, CRUGMEER	383882	SW	902	765	67	808	1992	D		COASTAL
ST JIDGEY	383918	SW	943	694	125	1141	1998	D		
LOWER MOOR W.TR.WKS.	384101	SX	128	832	267	1567	1949	D	X	CAMEL
STANNON WKS	384158	SX	124	805	232	1500	1910	D		CAMEL
DE LANK FILTERS	384342	SX	133	766	226	1498	1957	D		CAMEL
LAVEDDON MILL	384587	SX	054	662	----	----	1997	D		BODMIN
BODMIN, ST MARYS CRESCENT	384588	SX	062	668	----	1201	1996	D		BODMIN
ST WENN	384718	SW	981	671	165	1200	1998	D		
DELABOLE CP SCHOOL	384901	SX	67	838	220	1182	1998	D		
MICHAELSTOW	384966	SX	075	786	114	1165	1974	D		ALLEN , CAMEL
WADEBRIDGE, WEST HILL	385204	SW	985	723	40	1049	1998	D		
LOWER TREGELLIST FARM, ST KEW	385317	SX	006	775	50	1029	1998	D		
TREVALEC, LESNEWTH	385700	SX	134	900	----	1291	1995	D		BOSCASTLE
WEEK ST MARY	386078	SX	237	977	----	1100	1993	D		BODMIN
BUDE	386255	SS	208	063	15	880	1880	D		COASTAL

Area: North Wessex

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
PORLOCK, BIRCHANGER FM	397075	SS	862	468	244	1339	1980	D		COASTAL
PORLOCK W.WKS	397103	SS	892	461	104	1039	1990	M	D	COASTAL
LEYHILL	397151	SS	881	446	300	----	1991	M		
TIVINGTON	397220	SS	933	452	83	978	1989	D		COASTAL
WOOTEN COURTENAY	397464	SS	938	432	100	----	1994	D		COASTAL
WITHYCOMBE	397608	ST	015	414	100	----	1991	D		
BRENDON HILL	397758	ST	022	343	381	1316	1968	D		WASHFORD
TREBOROUGH	397781	ST	016	362	340	1031	1990	M	D	WASHFORD
RODHUISH, FELONS OAK	397794	ST	019	387	175	----	1994	D		
CROWCOMBE, HALSWAY NURSERIES	397944	ST	124	382	152	884	1980	D		DONIFORD
SAMPFORD BRETT	398022	ST	085	404	59	779	1991	D		
MONKSILVER	398062	ST	076	373	102	1001	1984	D		DONIFORD
NETTLECOMBE, BIRD'S HILL	398074	ST	057	377	280	1075	1971	D	R	DONIFORD, COASTAL
NETTLECOMBE COURT	398081	ST	057	377	96	1080	1968	F	R	DONIFORD

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: North Wessex (Cont...)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
WATCHET, FIVE BELLS RD	398128	ST	070	419	38	770	1984	D		DONIFORD, COASTAL
ALFOXTON, HOLFORD	398204	ST	148	413	130	---	1994	D		
STOLFORD	398383	ST	236	453	3	771	1961	D		PARRETT
HENLEY	398512	ST	438	076	145	868	1961	D		PARRETT
HASELBURY PLUCKNETT	398631	ST	463	110	52	901	1971	D		PARRETT
HARDINGTON MANDEVILLE	398702	ST	511	115	99	858	1984	D		PARRETT
SEAVINGTON, HURCOTT FM	398880	ST	396	161	84	786	1984	D		PARRETT
WEST LAMBROOK	398896	ST	416	191	49	728	1961	D		PARRETT
CHARD, RACKCLOSE COTTAGE	399182	ST	314	089	152	1007	1984	D		ISLE, PARRETT
PUCKINGTON, MANOR FARM HOUSE	399369	ST	376	183	53	748	1980	D		ISLE, PARRETT
HATCH BEAUCHAMP	399569	ST	299	198	55	803	1975	D		ISLE, PARRETT
BUCKLAND ST MARY, HARE LANE	399612	ST	289	153	160	922	1984	D		ISLE, PARRETT
CURRY MALLET, MANOR FARM COTTAGE	399654	ST	339	213	31	746	1991	D		ISLE, PARRETT
HAMBRIDGE	399726	ST	394	214	24	712	1992	D		ISLE, PARRETT
MUCHELNEY, THORNEY FARM	399753	ST	429	234	9	693	1979	D		PARRETT
DRAYTON, WESTOVER CROSSING COTT.	399757	ST	423	248	9	694	1989	D		PARRETT
MILBORNE PORT, KINGSBURY REGIS	399865	ST	676	192	82	798	1991	D		YEO , PARRETT
YETMINSTER, CROSS FARM	400160	ST	595	108	61	845	1991	D		YEO , PARRETT
SUTTON BINGHAM RESR	400408	ST	556	117	46	845	1965	D	D	HALSTOCK, YEO , PARRETT
MELBURY SAMPFORD	400418	ST	575	060	140	1031	1973	D		HALSTOCK, YEO , PARRETT
MELBURY OSMOND	400435	ST	572	077	100	---	1994	D		YEO , PARRETT
BRIDGEHAMPTON	400785	ST	572	240	27	---	1994	D		YEO , PARRETT
NORTH CADBURY	400884	ST	637	272	77	765	1984	D		YEO , PARRETT
BRIDGEHAMPTON	400994	ST	567	239	---	---	1994	D		
YEOVILTON RNAS	401006	ST	551	237	---	---	1987	D		
ILCHESTER, DEVEREUX	401020	ST	522	226	10	---	1994	D		YEO , PARRETT
LANGPORT, WHATLEY	401374	ST	420	266	5	684	1990	D		PARRETT
WEST SEDGMOOR PS	401444	ST	376	286	---	---	1962	D		
WRANTAGE	401483	ST	308	228	18	753	1991	D		PARRETT
SEDGEBOROUGH FARM	401577	ST	054	328	329	1084	1990	M		TONE, PARRETT
MILLTOWN	401622	ST	048	310	195	1140	1990	M		TONE, PARRETT
CLAYHANGER, HELEWOOD FARM	401727	ST	026	222	152	1089	1984	D		TONE, PARRETT
WIVELISCOMBE, MAUNDOWN W.TR.WKS	402073	ST	065	291	198	1098	1971	D	B	TONE, PARRETT
WIVELISCOMBE, SPRING GARDENS	402092	ST	081	280	114	1062	1982	D		TONE, PARRETT
LUXHAY RESR, SOUTH	402254	ST	201	175	137	1009	1990	M		TONE, PARRETT
BAGBOROUGH, SHOPNOLLER FARM	402547	ST	164	325	107	834	1981	D		HALSE WATER , TONE, PARRETT
FULWOOD W.WKS	402745	ST	212	198	93	852	1972	D	D	TONE, PARRETT
KINGSTON ST MARY, CAMPLING ORCHARD	402794	ST	222	297	70	746	1984	D		TONE, PARRETT
HAM S.TR.WKS	403019	ST	286	247	13	718	1990	D		TONE, PARRETT
CREECH HEATHFIELD	403079	ST	278	268	23	709	1992	D		TONE, PARRETT
WEST NEWTON FARM	403115	ST	286	291	37	709	1962	D		TONE, PARRETT
EAST LYNG	403138	ST	333	289	13	708	1961	D		TONE, PARRETT
CURRYMOOR P.STA.	403143	ST	344	289	6	675	1962	D		TONE, PARRETT
MIDDLEZOY, ABBEY MEADE FARM	403155	ST	372	326	0	692	1990	D		PARRETT
NORTHMOOR	403219	ST	331	330	---	---	1962	D		
BROOMFIELD, FYNE COURT	403311	ST	222	320	201	854	1984	D		PARRETT
SPAXTON	403451	ST	224	367	72	840	1961	D		PARRETT
DURLEIGH RESR	403490	ST	275	363	14	753	1961	D		PARRETT
BRIDGWATER, RIVERS HOUSE	403539	ST	301	377	5	717	1993	5		PARRETT
BRIDGWATER, WEMBDON HILL, BRADNEYS	403540	ST	278	379	30	729	1984	D		PARRETT
BABCARY, CORNERSTONES	403674	ST	563	287	23	694	1980	D		CARY, PARRETT
WEST CAMEL, DOWNHEAD	403766	ST	567	257	27	684	1984	D		CARY, PARRETT
SOMERTON, PARSONAGE HILL	403907	ST	493	284	32	681	1984	D		CARY, PARRETT

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: North Wessex (Cont..)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
CHARITY FARM, BERE	404038	ST	415	321	10	702	1993	D		CARY, PARRETT
ASHCOTT, BRADLEY COTTAGE	404124	ST	439	365	35	718	1961	D		CARY, PARRETT
LANGPORT, COMBE	404153	ST	417	282	8	716	1984	D		CARY, PARRETT
WESTONZOYLAND	404269	ST	355	355	5	700	1989	D		CARY, PARRETT
STAWELL	404367	ST	361	383	15	680	1980	D		CARY, PARRETT
LOWER MERRIDGE	404523	ST	202	342	128	862	1984	D		CANNINGTON, PARRETT
CANNINGTON S.F.I.	404585	ST	255	399	----	----	1961	D		
HINDHAYES STREET	404994	ST	485	364	24	744	1961	D		BRUE
GOLD CORNER P.STA.	405279	ST	367	431	4	701	1962	D	D	HUNTSPILL
COSSINGTON, ORCHARD CLOSE	405283	ST	360	403	43	712	1984	D		HUNTSPILL
NORTH BREWHAM	405433	ST	722	370	123	879	1980	D	D	BRUE
BRUTON, SHUTE LANE	405551	ST	678	347	58	846	1990	D		BRUE
CASTLE CARY	405635	ST	649	313	----	----	1990	D		
BATCOMBE	405726	ST	696	400	145	970	1987	D		BRUE
EVERCREECH, TANGLEWOOD	405821	ST	648	388	85	----	1994	D		
WRAXALL, HILL FARM	405876	ST	606	364	65	762	1980	D		BRUE
BUTLEIGH, HIGHER HILL FARM	406041	ST	518	321	84	714	1984	D		BRUE
WEST BRADLEY	406062	ST	558	368	30	773	1984	D		BRUE
PILTON, GREY GABLES	406467	ST	594	408	64	----	1994	D		
WESTHAY	406690	ST	435	423	10	----	1994	D		
THEALE	406730	ST	463	463	20	----	1994	D		BRUE
HEATH HOUSE	406795	ST	421	463	19	----	1994	D		BRUE
PLAISH FARM, MARK	406843	ST	378	493	6	----	1993	D		
FLAT HOLM	407169	ST	220	650	----	----	1988	D		
RODNEY STOKE	407349	ST	488	501	----	----	1964	D		
CHARTERHOUSE CENTRE	407561	ST	502	557	250	----	1995	D		
CHEDDAR RESERVOIR	407635	ST	453	532	15	816	1961	D		AXE
BRENT KNOLL, COPSE HALL	407917	ST	333	511	30	749	1993	D		AXE
BLAGDON P.STA.	408346	ST	504	602	46	923	1961	5		YEO
YATTON, STOWEY PARK	408879	ST	437	656	9	839	1984	D		KENN, COASTAL
WRAXALL COURT	409013	ST	489	722	79	871	1961	D		COASTAL
CLEVEDON P.STA.	409085	ST	430	717	20	837	1912	1		LAND YEO
WESTONBIRT G.L.	410161	ST	848	898	----	----	1983	D		
WESTONBIRT ARBORETUM	410162	ST	848	898	----	----	1982	D		
SHIPTON MOYNE P.STA.	410324	ST	899	886	95	792	1961	5		TETBURY AVON
PETTY FRANCE HOTEL	410444	ST	786	855	158	850	1961	5		SHERSTON AVON , TETBURY AVON
BADMINTON HOUSE	410524	ST	802	829	128	829	1961	5		SHERSTON AVON , TETBURY AVON
PINKNEY PARK	410598	ST	864	865	101	805	1961	D		SHERSTON AVON , TETBURY AVON
BRINKWORTH	410797	ST	990	851	90	729	198	D		AVON
CASTLE COMBE	411067	ST	848	778	114	829	1981	D		AVON
LYNEHAM MET. OFFICE	411686	SU	006	782	145	709	1969	D	B	AVON
LYNEHAM MET. OFFICE	411687	SU	006	782	----	----	1990	D		
BOWOOD HOUSE	411950	ST	974	700	93	765	1961	D		MARDEN, AVON
LACOCK	412297	ST	921	702	49	696	1961	D		AVON
MELKSHAM, BOWERHILL	412665	ST	907	621	40	690	1988	5		AVON
EDINGTON	413035	ST	940	546	66	681	1981	D		SEMINGTON , AVON
EDINGTON, COURT LANE	413060	ST	933	535	91	760	1985	D		SEMINGTON , AVON
DEVIZES, BROWFORT	413242	ST	997	618	122	696	1982	5		SEMINGTON , AVON
WORTON	413337	ST	980	576	58	697	1987	D		SEMINGTON , AVON
UPTON SCUDAMORE	413478	ST	865	478	152	----	1994	D		BISS, AVON
DILTON COURT	413483	ST	849	487	117	----	1994	D		BISS, AVON

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: North Wessex (Cont..)

STATION NAME	M. O. REF. NO.	NAL GRID REF.			ALT. (M)	AV 61-90 (mm)		FREQ. OF OBS.	REC. EQUIP.	LOCATION
TROWBRIDGE, STUDLEY	413787	ST	843	562	----	----	1961	D		
TROWBRIDGE	413825	ST	845	583	----	----	1973	D		
CORSLEY, HILL RISING	414238	ST	813	455	134	862	1991	D		FROME , AVON
BINEGAR	414363	ST	617	494	220	1163	1992	D		WADBURY , FROME , AVON
MEREHEAD, TORR QUARRY	414587	ST	693	437	176	1030	1982	D		WADBURY , FROME , AVON
DOWNHEAD, GREEN FARM	414593	ST	689	454	206	1124	1982	D		WADBURY , FROME , AVON
FARLEIGH HUNGERFORD	414947	ST	800	572	69	777	1981	D		FROME , AVON
CHILCOMPTON	415086	ST	647	524	125	1091	1961	D		WELLOW BROOK, AVON
DOWNSIDE ABBEY	415125	ST	655	508	183	1065	1962	D		WELLOW BROOK, AVON
MIDSOMER NORTON, CHARLTON RD	415161	ST	668	535	128	1002	1975	D		WELLOW BROOK, AVON
AMMERDOWN HOUSE	415176	ST	712	527	149	1046	1961	D		WELLOW BROOK, AVON
MARSHFIELD, CASTLE FARM	415725	ST	772	744	175	897	1975	D		BY, AVON
BATHFORD	416056	ST	794	669	63	814	1973	D		BY, AVON
BATH	416242	ST	751	638	118	771	1961	D		AVON
STANTON PRIOR	416428	ST	678	627	99	821	1981	D		AVON
DOYNTON, RECTORY FARM	416592	ST	722	739	84	777	1986	D		AVON
CHEWTON MENDIP, CHEWTON HOUSE	416771	ST	597	528	161	1156	1961	D		CHEW, AVON
SHERBOURNE RESERVOIR	416807	ST	589	554	99	1043	1909	D		
GREENDOWN	416812	ST	573	539	----	----	1981	D		
CHEW STOKE	417005	ST	570	617	43	920	1961	D		
PUBLOW	417194	ST	622	652	53	848	1982	D		CHEW, AVON
BARROW GURNEY RESR	417634	ST	538	679	91	934	1925	D	B	AVON
LONG ASHTON	417640	ST	535	699	----	----	1961	D		
TYTHERINGTON	417899	ST	667	886	73	809	1961	D		FROME , AVON
FRAMPTON COTTERELL, KENDLESHIRE	417998	ST	664	805	62	787	1981	D		FROME , AVON
BRISTOL WEATHER CENTRE (SAMOS)	418363	ST	584	728	42	812	1991	D	B	FROME , AVON
CLIFTON, OAKFIELD RD	418367	ST	577	737	61	853	1961	I		FROME , AVON
AVONMOUTH S.WKS	419025	ST	534	794	6	802	1982	D	D	COASTAL
ALDERLEY P.STA.	419746	ST	773	914	63	810	1961	I		LITTLE AVON , COASTAL
ALDERLEY FISH FARM	419747	ST	769	913	55	799	1991	D		LITTLE AVON , COASTAL
BERKELEY, CANON PARK	420206	ST	686	997	21	748	1989	D		LITTLE AVON , COASTAL
AVONMOUTH S.T.W. (AV)	----	ST	534	794	----	----	1995	----	R	
BARROW GURNEY (BG)	----	ST	538	679	91	----	1991	----	R	CHEW
BATH, CLAVERTON (BA)	----	ST	774	643	----	----	1991	----	R	
BATH HOT SPRINGS (BHS)	----	ST	751	647	----	----	1997	----	R	
BOWERHILL S.T.W. (BO)	----	ST	904	623	----	----	1991	----	R	
BRADFORD ON AVON S.T.W. (BR)	----	ST	817	603	----	----	1991	----	R	AVON
BRYMORE, CANNINGTON (BM)	----	ST	244	394	----	----	1992	----	R	
CASTLETON (CS)	----	ST	646	166	60	----	1995	----	R	YEO
CHARD STW (CH)	----	ST	332	095	70	----	1995	----	R	ISLE
CHEW MAGNA (CM)	----	ST	566	632	----	----	1992	----	R	
CROMHALL (CR)	----	ST	685	895	----	----	1991	----	R	
DARSHILL (DA)	----	ST	601	440	----	----	1988	----	R	
DOWNHEAD (DO)	----	ST	686	457	204	----	1991	----	R	NUNNEY BROOK
EASTERTON (EA)	----	SU	026	546	110	----	1991	----	R	SEMINGTON BROOK
EAST HARPTREE (EH)	----	ST	579	536	----	----	1991	----	R	
FRAMPTON COTTERELL AUTOMATIC (FC)	----	ST	667	822	50	----	1992	----	R	BRISTOL FROME
FROME S.T.W. (FR)	----	ST	774	487	----	----	1991	----	R	
FULWOOD (FU)	----	ST	213	197	----	----	1995	----	R	
GOLD CORNER (GC)	----	ST	367	431	----	----	1990	----	R	
GREAT SOMERFORD S.T.W (GS)	----	ST	965	834	----	----	1991	----	R	
HARDENHUISH RESERVOIR (HR)	----	ST	913	751	----	----	1992	----	R	

TABLE 5.1: SOUTH WEST REGION RAINFALL STATIONS - CURRENTLY OPERATING SITES AND SUMMARY STATISTICS
Area: North Wessex (Cont..)

STATION NAME	M. O. REF. NO.	NATIONAL GRID REF.			ALT. (M)	AV 61-90 (mm)	FIRST YEAR	FREQ. OF OBS.	REC. EQUIP.	LOCATION
KEYNSHAM (KE)	——	ST	664	688	——	——	1991	——	R	
MT. STREET NURSERIES, TAUNTON (MS)	——	ST	230	240	32	——	1994	——	R	TONE
MAUNDOWN (MA)	——	ST	065	291	——	——	1994	——	R	
NORTH BREWHAM (NB)	——	ST	722	370	——	——	1994	——	R	
NORTHMOOR (NO)	——	ST	331	330	——	——	1992	——	R	
PARKFIELD S.T.W. (PA)	——	ST	688	777	——	——	1991	——	R	
PAULTON S.T.W. (PL)	——	ST	656	576	——	——	1991	——	R	
PENRIDGE (PE)	——	ST	753	322	210	——	1994	——	R	YEO
PORLOCK (PO)	——	SS	888	462	——	——	1995	——	R	
PRIDDY (PR)	——	ST	550	505	280	——	1995	——	R	AXE
RIVERS HOUSE (RH)	——	ST	301	377	——	——	1994	——	R	
ST. GEORGES (SG)	——	ST	378	631	<10	——	1995	——	R	BANWELL
SHAPWICK HEATH (SH)	——	ST	424	412	——	——	1993	——	R	
SOMERTON STW (SO)	——	ST	487	295	10	——	1995	——	R	CARY
STOKE BOTTOM (SB)	——	ST	657	481	142	——	1991	——	R	MELLS
SUTTON BINGHAM (SU)	——	ST	556	116	——	——	1995	——	R	
TETBURY S.T.W (TE)	——	ST	895	927	——	——	1991	——	R	
TORMARTON (TO)	——	ST	756	779	195	——	1996	——	R	BRISTOL FROME
TREBOROUGH (TR)	——	ST	016	362	——	——	1994	——	R	
UPTON SCUDAMORE P.S. (US)	——	ST	864	483	——	——	1991	——	R	
WEST DUNKERY (WD)	——	SS	874	417	500	——	1993	——	R	HORNER
WILMERSHAM FARM (WF)	——	SS	870	438	320	——	1995	——	R	HORNER
WOOTEN BASSETT STW (WB)	——	SU	073	813	87	——	1991	——	R	BRINKWORTH BROOK

FIGURES

Figure 2.0: Variation in soil moisture deficits for the South West Region during 1998

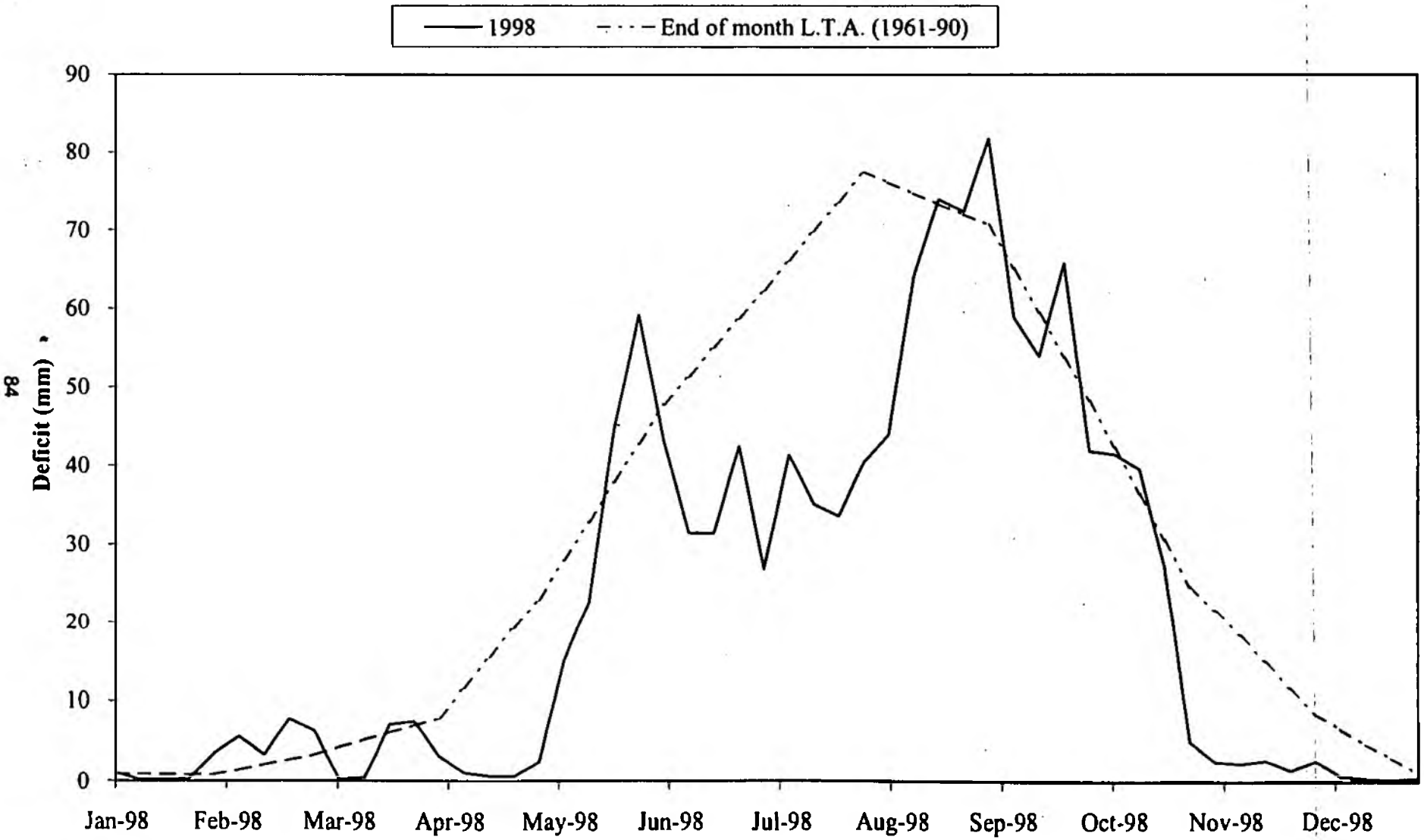
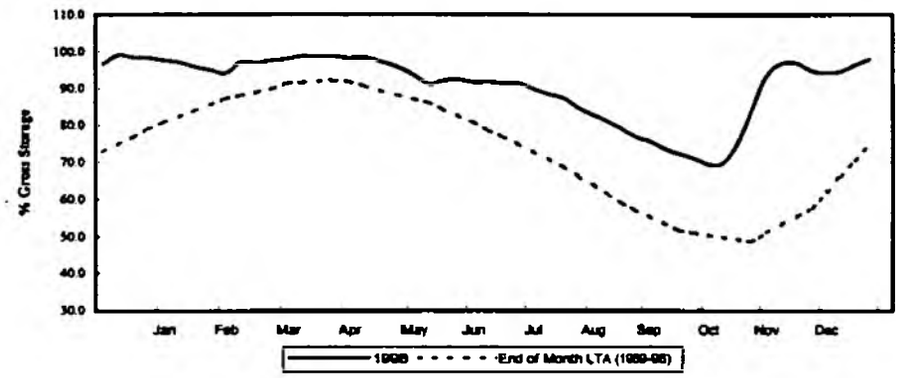


Figure 3.0: Variation in reservoir storages during 1998

IMPOUNDING RESERVOIR STORAGE (ML)

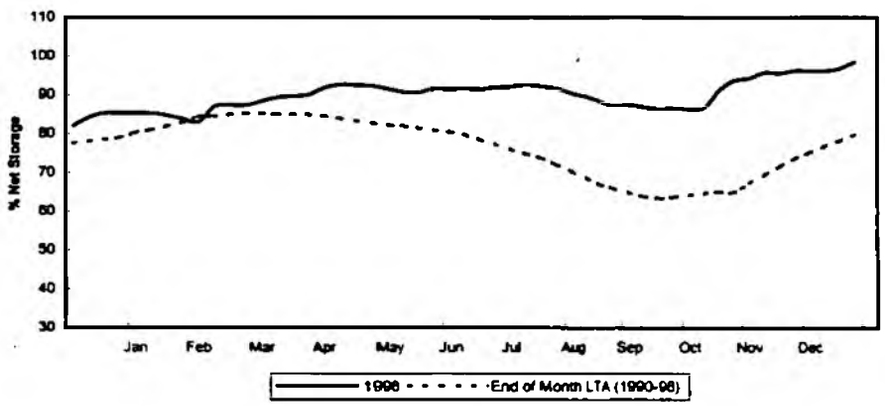
(Note: Wessex Water Plc. & South West Water Plc. - Net Storage; Bristol Water Plc. - Gross Storage)

BRISTOL WATER Plc. Reservoir Storage



SOUTH WEST WATER Plc. Reservoir Storage

(Assumes 1% of Wimbleball gross storage not usable & 50% of usable storage to South West Water Plc.)



WESSEX WATER Plc. Reservoir Storage

(Assumes 10% of Wimbleball gross storage not usable & 50% of usable storage to Wessex Water Plc.)

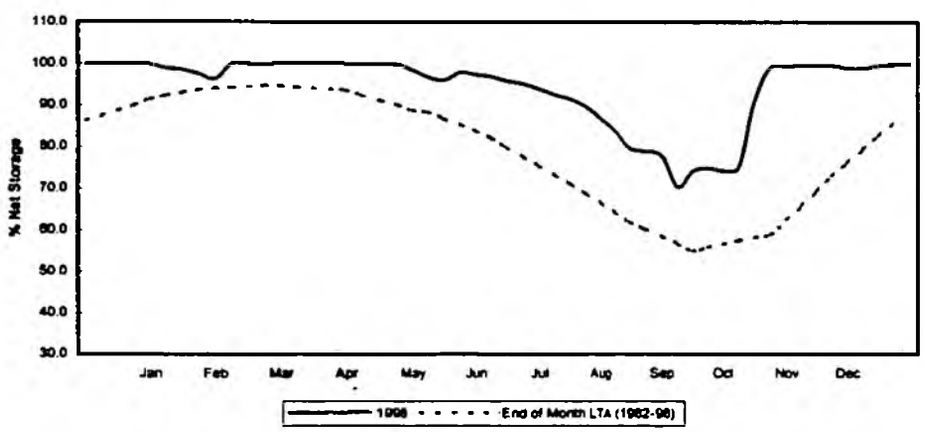


Figure 4.0: Devon and Cornwall surface flow annual reports and flow duration curves

Output from HYDROLOG Data Management System V2.56(C) 1991-99 Hydro-Logic Ltd
Surface Flow Annual Report Printed on 08/12/1999 at 17:01 hrs

---

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX76F051	Station Name	: AUSTINS BRIDGE
Loc. Desc.	: RIVER DART	Catchment Ref.	: DA
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX75126582
Parameter	: Flow	Gauge Zero	: 22.000 MAOD
Units	: m3/S	Catchment Area	: 0.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	28.752	4.799	16.467	16.692	5.518	8.594	7.091	3.392	7.590	24.833	20.049	20.652	13.781
CATCHMENT RUN-OFF MM													
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	175.910	9.853	111.388	60.326	11.884	64.296	51.242	26.772	67.294	203.703	152.924	186.351	203.703
DATE	2	7	3	23	1	26	20	23	30	31	8	26	31 OCT
MAX DAILY MEAN FLOW	81.572	7.905	78.732	32.344	11.039	30.117	20.684	8.914	50.152	95.390	60.222	79.291	95.390
DATE	2	7	3	23	1	26	12	23	30	31	8	26	31 OCT
MIN DAILY MEAN FLOW	7.894	3.247	3.756	5.874	3.070	4.199	4.256	2.214	2.251	6.118	8.363	6.145	2.214
DATE	31	26	1	1	28	1	10	31	1	12	30	7	31 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1958 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	20.588	17.202	13.583	9.955	6.903	5.067	3.822	4.417	5.940	10.951	15.431	19.639	11.105
CATCHMENT RUN-OFF MM													
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1958 TO 1999

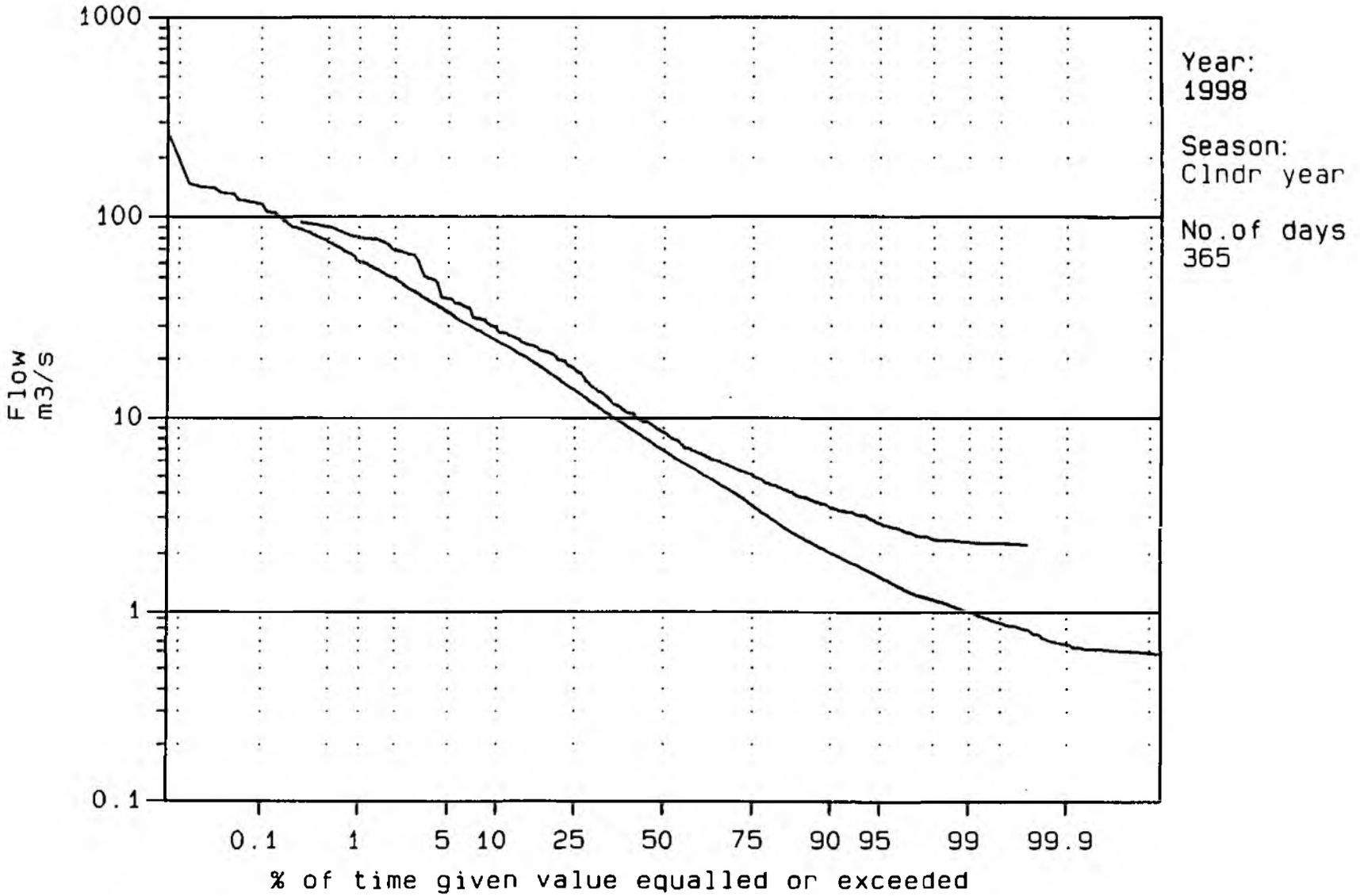
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	284.044	309.447	236.124	187.358	98.878	252.967	206.503	222.162	327.614	203.703	317.845	549.737	549.737
DATE	19/1975	10/1974	26/1987	25/1959	21/1967	28/1968	28/1969	25/1986	30/1960	31/1998	11/1982	27/1979	27/12/1979
MAX DAILY MEAN FLOW	148.492	142.784	111.723	75.517	43.867	76.237	55.131	79.129	123.149	95.390	134.596	267.174	267.174
DATE	29/1961	07/1990	21/1981	02/1987	26/1993	28/1968	28/1969	25/1986	30/1960	31/1998	30/1992	27/1979	27/12/1979
MIN DAILY MEAN FLOW	3.273	2.996	2.471	2.257	1.402	1.028	0.806	0.585	0.662	0.687	1.091	2.333	0.585
DATE	25/1976	26/1959	29/1993	24/1997	28/1990	30/1976	23/1959	27/1976	07/1976	05/1959	01/1978	07/1958	27/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX76F051	Name: AUSTINS BRIDGE	Locat.: RIVER DART

Period of Analysis : 1959 to 1998 (40 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX65F051	Station Name	: ERMINGTON
Loc. Desc.	: RIVER ERME	Catchment Ref.	: ER
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX64205320
Parameter	: Flow	Gauge Zero	: 8.000 MAOD
Units	: m3/S	Catchment Area	: 0.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	4.305	0.734	3.044	2.555	0.780	1.700	1.409	0.636	1.420	3.818	2.911	4.041	2.294
CATCHMENT RUN-OFF MM													
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	30.945	1.692	28.225	16.194	1.998	19.857	16.338	2.857	14.629	72.913	27.056	49.266	72.913
DATE	2	7	2	23	30	26	20	3	29	24	8	26	24 OCT
MAX DAILY MEAN FLOW	13.737	1.265	13.849	5.933	1.500	7.906	5.667	1.845	8.800	18.559	10.273	13.375	18.559
DATE	2	7	3	23	1	8	12	3	30	24	8	26	24 OCT
MIN DAILY MEAN FLOW	1.257	0.512	0.548	1.161	0.486	0.605	0.653	0.404	0.396	0.783	1.368	0.960	0.396
DATE	31	25	1	18	25	4	10	31	3	12	30	6	3 SEP

SCHEDULE OF SURFACE RUN-OFF FOR 1973 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	3.316	2.943	2.335	1.489	0.979	0.855	0.672	0.853	1.129	1.976	2.684	3.267	1.864
CATCHMENT RUN-OFF MM													
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1973 TO 1999

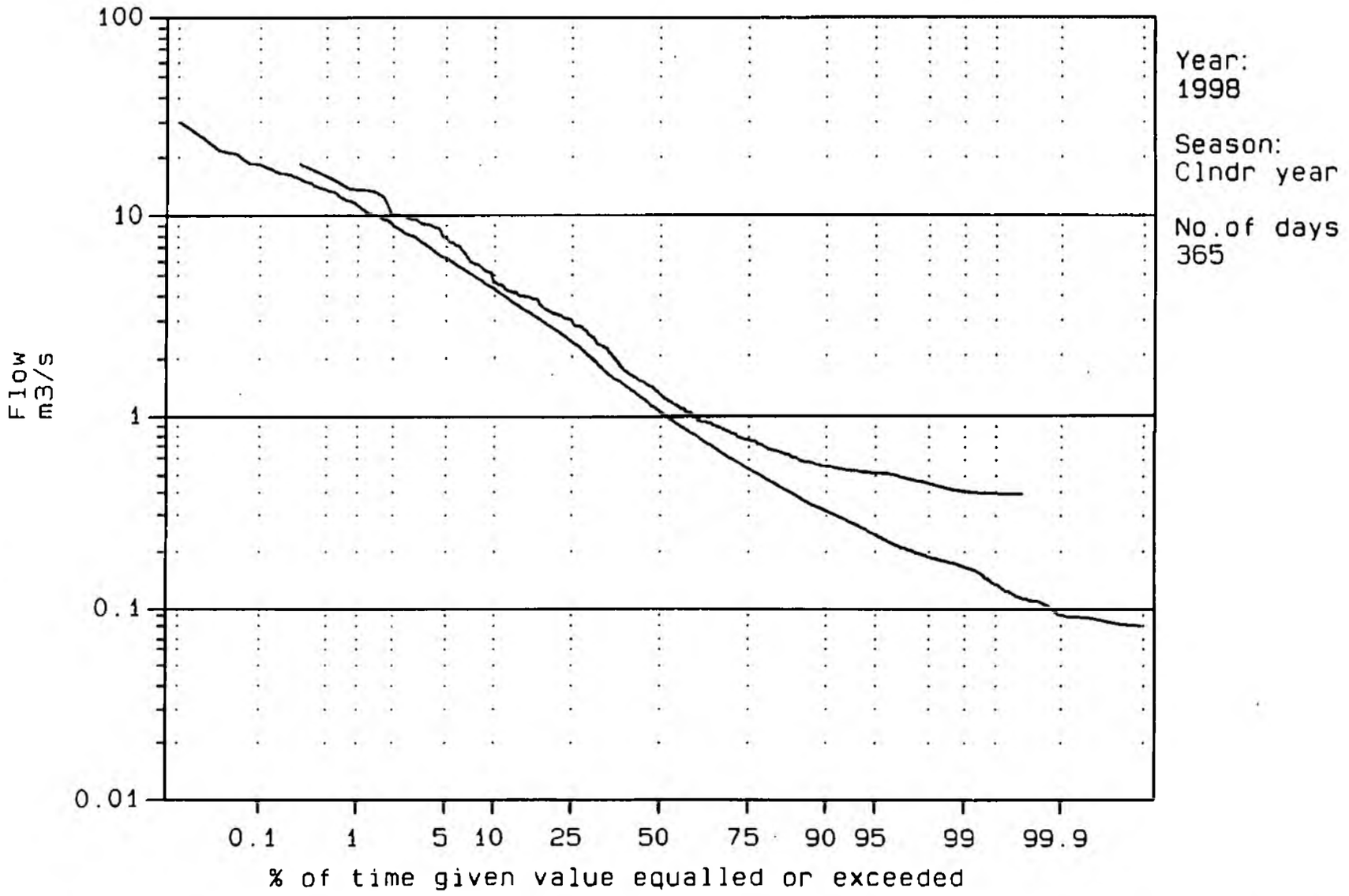
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	52.903	56.017	46.668	27.354	24.280	93.446	20.412	77.565	63.643	72.913	57.094	68.772	93.446
DATE	31/1979	01/1979	26/1987	04/1993	25/1993	23/1991	10/1988	31/1988	12/1993	24/1998	11/1982	01/1992	23/06/1991
MAX DAILY MEAN FLOW	21.938	21.568	24.688	14.865	8.236	17.457	9.482	17.570	14.932	19.319	17.175	29.803	29.803
DATE	19/1999	14/1974	10/1981	02/1987	25/1993	23/1991	10/1988	25/1986	12/1993	30/1994	18/1986	27/1979	27/12/1979
MIN DAILY MEAN FLOW	0.508	0.480	0.411	0.332	0.252	0.138	0.112	0.081	0.106	0.176	0.172	0.572	0.081
DATE	31/1997	03/1997	28/1993	23/1997	27/1990	30/1976	31/1976	24/1976	09/1976	27/1978	11/1978	10/1989	24/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX65F051	Name: ERMINGTON	Locat.: RIVER ERME

Period of Analysis : 1974 to 1998 (25 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SS51F004	Station Name	: TORRINGTON
Loc. Desc.	: RIVER TORRIDGE	Catchment Ref.	: TO
Report Type	: Annual Summary For Yr.	Grid Ref.	: SS50001844
Parameter	: Flow	Gauge Zero	: 14.000 MAOD
Units	: m3/S	Catchment Area	: 0.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	46.413	4.697	27.038	20.207	4.839	10.790	13.437	3.860	8.021	45.100	35.175	33.294	21.235
CATCHMENT RUN-OFF MM													
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	251.234	9.762	195.691	79.865	14.561	53.132	132.147	17.880	73.519	371.775	252.495	227.335	371.775
DATE	3	7	7	25	1	5	20	3	30	31	1	25	31 OCT
MAX DAILY MEAN FLOW	183.700	8.864	118.504	50.756	12.726	27.702	72.618	10.152	33.763	244.336	104.130	155.850	244.336
DATE	3	7	6	4	1	9	12	4	30	31	1	25	31 OCT
MIN DAILY MEAN FLOW	7.396	3.268	3.853	8.896	2.278	2.968	3.678	2.136	2.164	4.522	10.667	7.984	2.136
DATE	31	26	1	18	26	1	10	31	1	9	22	7	31 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1960 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	30.715	24.337	17.997	11.256	7.182	4.893	4.333	4.790	7.340	16.869	26.816	30.565	15.441
CATCHMENT RUN-OFF MM													
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1960 TO 1999

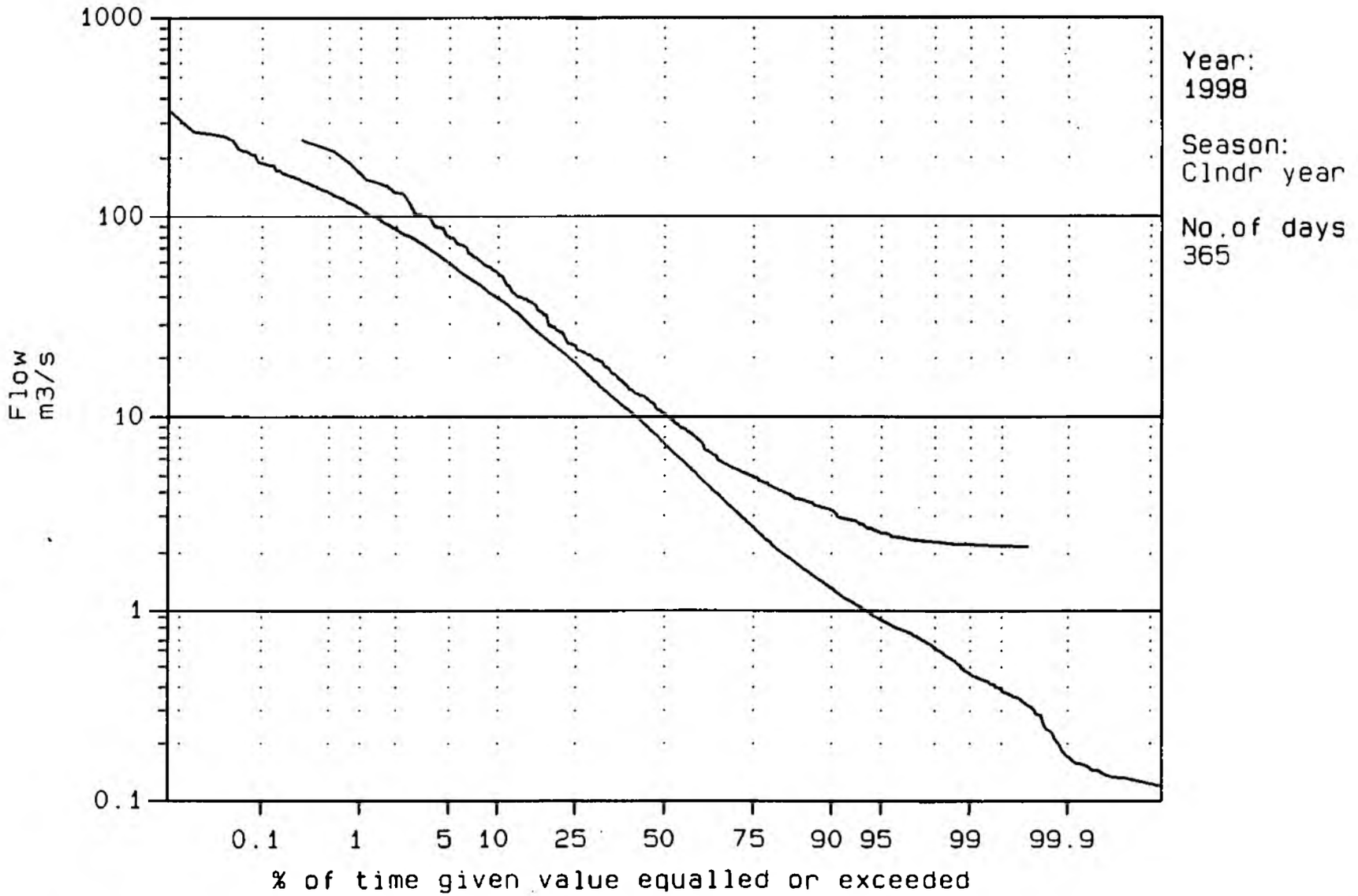
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	302.574	294.402	535.651	188.751	158.436	189.899	310.578	231.015	422.874	381.039	313.188	730.001	730.001
DATE	19/1999	09/1974	09/1981	03/1994	01/1983	12/1993	29/1969	02/1965	30/1960	30/1994	02/1970	27/1979	27/12/1979
MAX DAILY MEAN FLOW	183.700	187.871	264.387	106.357	99.848	158.617	136.952	126.971	254.135	244.336	207.028	338.491	338.491
DATE	03/1998	09/1974	09/1981	04/1994	01/1983	12/1993	29/1969	02/1965	27/1974	31/1998	02/1970	27/1979	27/12/1979
MIN DAILY MEAN FLOW	2.792	2.469	2.269	1.539	0.914	0.490	0.349	0.120	0.225	0.557	0.559	2.604	0.120
DATE	10/1997	28/1965	20/1993	30/1974	28/1990	30/1976	30/1984	24/1976	09/1976	31/1978	01/1978	10/1989	24/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SS51F004	Name: TORRINGTON	Locat.: RIVER TORRIDGE

Period of Analysis : 1963 to 1998 (36 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SS90F011	Station Name	: THORVERTON
Loc. Desc.	: RIVER EXE	Catchment Ref.	: EX
Report Type	: Annual Summary For Yr.	Grid Ref.	: SS93600160
Parameter	: Flow	Gauge Zero	: 26.000 MAOD
Units	: m3/S	Catchment Area	: 600.900 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	44.080	5.508	27.002	28.084	7.499	14.133	11.429	4.806	7.586	43.654	34.412	28.062	21.488
CATCHMENT RUN-OFF MM	196	22	120	121	33	61	51	21	33	195	148	125	1126
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	206.382	9.317	176.706	55.762	19.401	45.089	89.757	17.376	29.878	250.903	182.104	168.518	250.903
DATE	3	1	7	9	1	29	12	3	30	24	1	26	24 OCT
MAX DAILY MEAN FLOW	149.668	8.870	118.522	41.494	17.552	28.615	42.159	10.140	22.953	183.679	111.633	112.862	183.679
DATE	3	1	7	11	1	10	12	3	30	31	1	26	31 OCT
MIN DAILY MEAN FLOW	9.631	3.907	4.389	10.465	3.864	4.414	5.634	2.997	3.023	7.221	12.484	9.004	2.997
DATE	31	26	1	1	26	1	10	31	3	12	23	7	31 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1956 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	30.150	24.976	18.928	13.411	8.200	6.020	4.695	6.143	8.809	16.979	23.456	30.289	15.890
CATCHMENT RUN-OFF MM	134	101	84	58	37	26	21	27	38	76	101	135	838
1941-70 LTA RAINFALL MM													

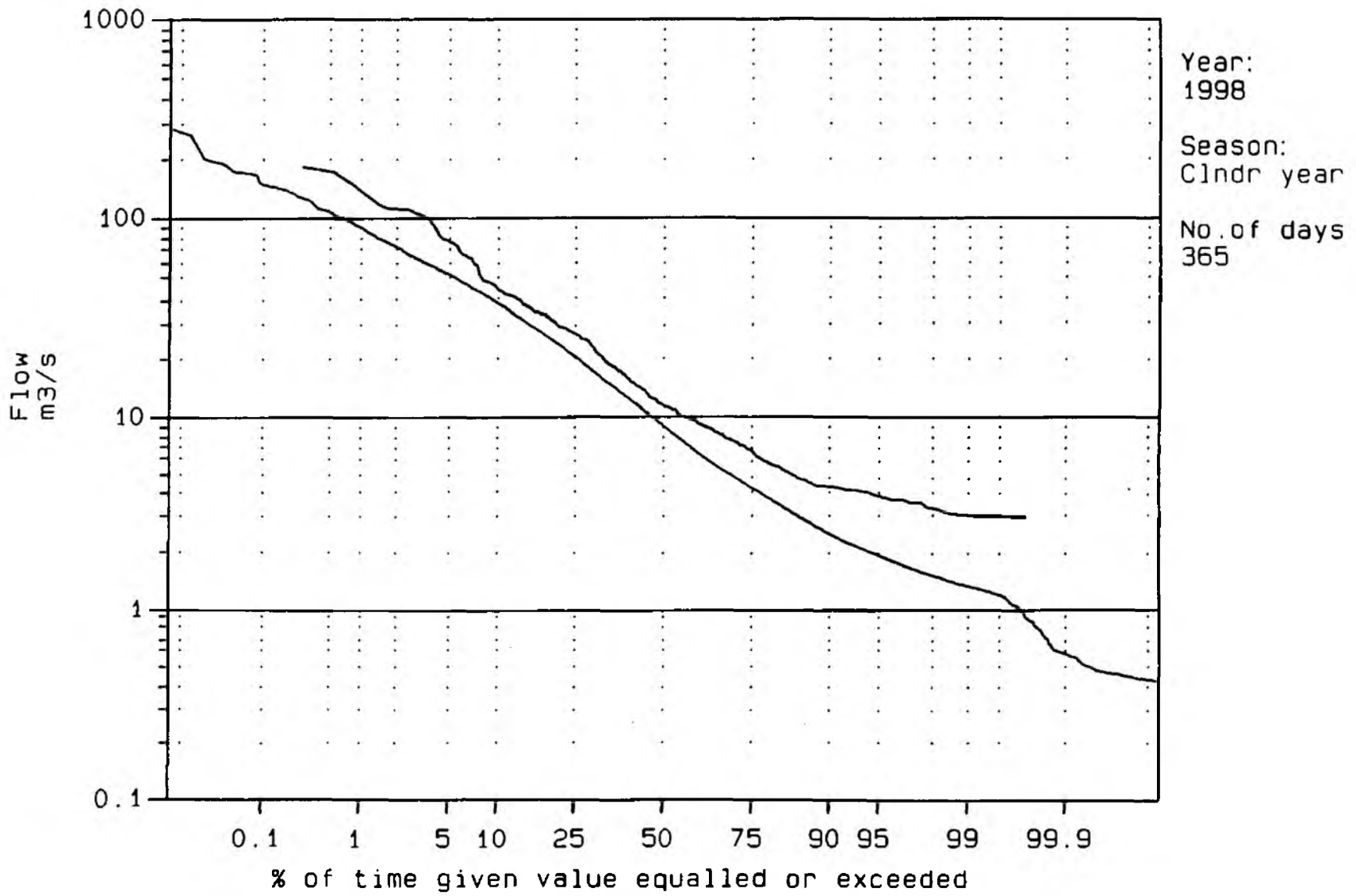
MAXIMUM AND MINIMUM FLOWS FOR 1956 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	245.255	213.514	265.646	150.187	87.688	130.923	201.993	94.936	236.514	250.903	204.514	492.567	492.567
DATE	19/1999	09/1974	09/1981	03/1994	16/1983	27/1997	10/1968	10/1986	27/1974	24/1998	30/1992	04/1960	04/12/1960
MAX DAILY MEAN FLOW	149.668	154.697	172.686	97.875	57.513	104.634	82.987	57.917	168.267	192.206	146.272	285.859	285.859
DATE	03/1998	09/1974	09/1981	19/1966	16/1983	27/1997	10/1968	06/1997	27/1974	27/1960	30/1992	04/1960	04/12/1960
MIN DAILY MEAN FLOW	3.327	3.333	3.183	2.685	1.861	1.346	0.859	0.421	0.715	1.124	1.317	3.198	0.421
DATE	26/1963	03/1997	25/1993	24/1997	10/1976	29/1975	28/1976	27/1976	08/1976	08/1972	02/1978	10/1989	27/08/1976

Environment Agency South Western Region Duration/Frequency Graph

Auth.: SS90F011	Name: THORVERTON	Locat.: RIVER EXE

Period of Analysis : 1957 to 1998 (42 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SS62F001	Station Name	: UMBERLEIGH
Loc. Desc.	: RIVER TAW	Catchment Ref.	: TA
Report Type	: Annual Summary For Yr.	Grid Ref.	: SS60802366
Parameter	: Flow	Gauge Zero	: 14.000 MAOD
Units	: m3/S	Catchment Area	: 0.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	50.445	5.196	29.993	28.899	6.436	11.600	14.828	4.569	9.028	52.443	42.722	34.539	24.394
CATCHMENT RUN-OFF MM													
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	240.887	8.858	167.016	75.862	19.037	53.261	91.336	11.710	64.820	453.270	271.678	203.185	453.270
DATE	3	1	6	25	1	29	20	3	30	31	1	25	31 OCT
MAX DAILY MEAN FLOW	176.481	8.459	110.415	50.115	17.247	24.491	48.462	9.213	49.805	282.698	135.906	141.844	282.698
DATE	3	1	7	4	1	30	12	3	30	31	1	25	31 OCT
MIN DAILY MEAN FLOW	9.257	3.583	4.611	13.744	2.967	3.568	5.225	2.490	2.618	6.841	13.825	10.484	2.490
DATE	31	26	1	18	26	1	10	30	2	12	22	7	30 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1958 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	36.782	28.385	20.862	14.477	8.541	5.540	4.766	5.543	7.810	19.394	30.217	36.517	18.208
CATCHMENT RUN-OFF MM													
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1958 TO 1999

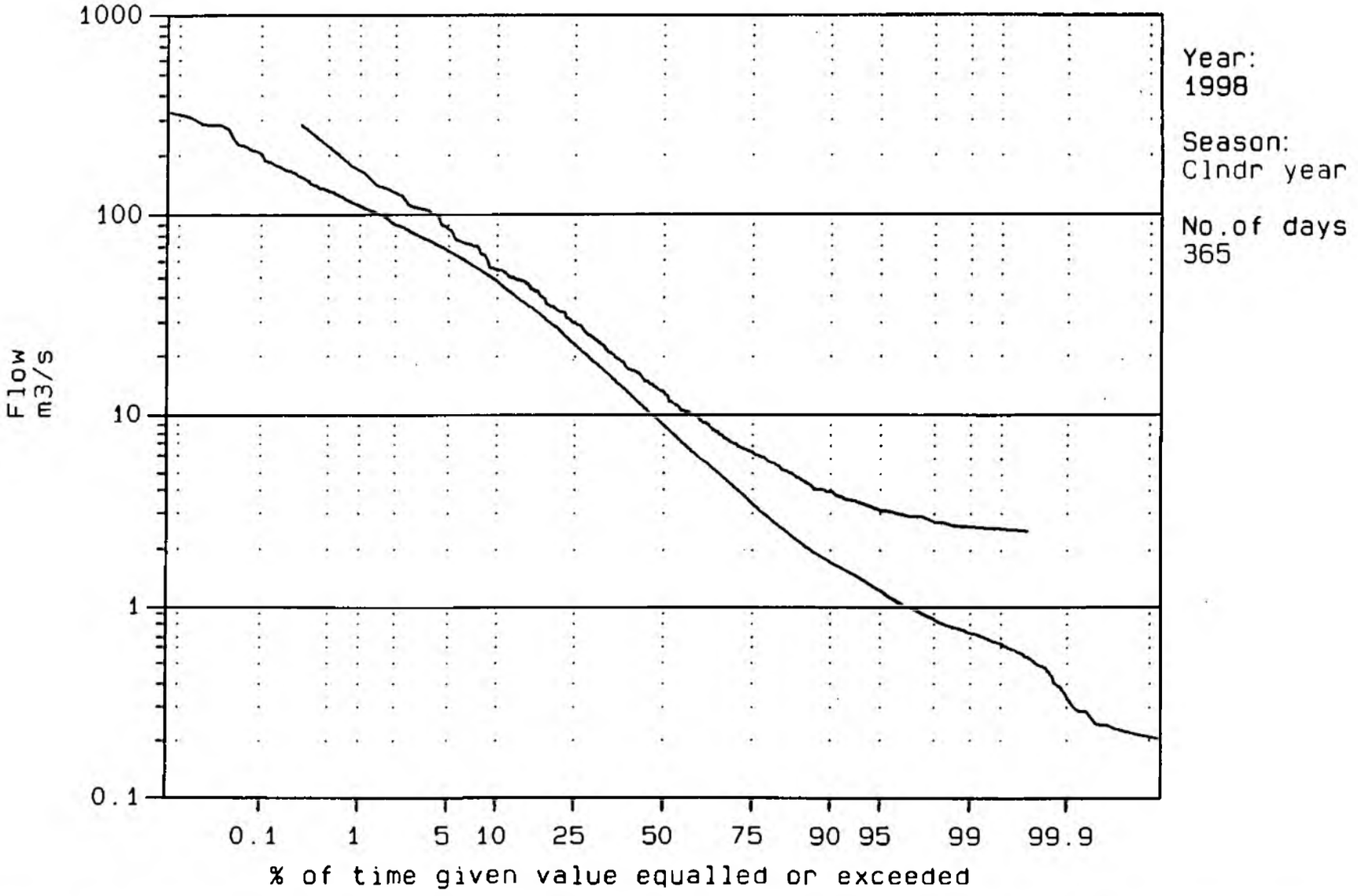
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	580.563	278.396	339.873	242.551	142.563	160.077	205.992	183.493	312.255	453.270	271.678	649.462	649.462
DATE	09/1968	09/1974	09/1981	03/1994	01/1983	18/1971	11/1968	02/1965	27/1974	31/1998	01/1998	04/1960	04/12/1960
MAX DAILY MEAN FLOW	311.093	187.550	224.442	148.758	103.785	107.943	106.250	106.205	241.064	284.447	185.707	330.772	330.772
DATE	09/1968	09/1974	09/1981	03/1987	01/1983	12/1993	10/1968	02/1965	27/1974	27/1960	30/1992	04/1960	04/12/1960
MIN DAILY MEAN FLOW	3.328	1.899	1.794	2.129	1.250	0.772	0.529	0.202	0.488	0.754	0.882	1.507	0.202
DATE	10/1997	28/1959	01/1959	21/1997	28/1990	30/1984	29/1984	28/1976	07/1976	10/1959	01/1978	07/1958	28/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SS62F001	Name: UMBERLEIGH	Locat.: RIVER TAW

Period of Analysis : 1959 to 1998 (40 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SY29F052	Station Name	: WHITFORD
Loc. Desc.	: RIVER AXE	Catchment Ref.	: AX
Report Type	: Annual Summary For Yr.	Grid Ref.	: SY26229530
Parameter	: Flow	Gauge Zero	: 7.000 MAOD
Units	: m3/S	Catchment Area	: 0.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	15.886	3.282	6.240	10.762	2.909	4.855	2.631	1.609	2.725	9.498	8.118	8.437	6.436
CATCHMENT RUN-OFF MM													
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	95.988	5.566	31.193	63.360	8.923	25.912	7.320	2.267	23.991	101.517	45.462	80.852	101.517
DATE	1	7	3	23	13	26	16	23	30	24	11	26	24 OCT
MAX DAILY MEAN FLOW	53.187	4.285	22.812	36.438	4.812	12.345	4.817	1.989	18.936	65.030	23.286	50.091	65.030
DATE	5	7	3	23	1	13	16	3	30	24	9	26	24 OCT
MIN DAILY MEAN FLOW	3.932	2.872	2.940	4.035	2.219	2.329	1.841	1.389	1.437	1.801	3.083	2.696	1.389
DATE	31	26	1	1	23	22	31	30	1	12	23	7	30 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1964 TO 1999

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	9.635	8.286	6.294	4.685	3.417	2.657	1.913	2.212	2.821	4.545	6.730	8.544	5.132
CATCHMENT RUN-OFF MM													
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1964 TO 1999

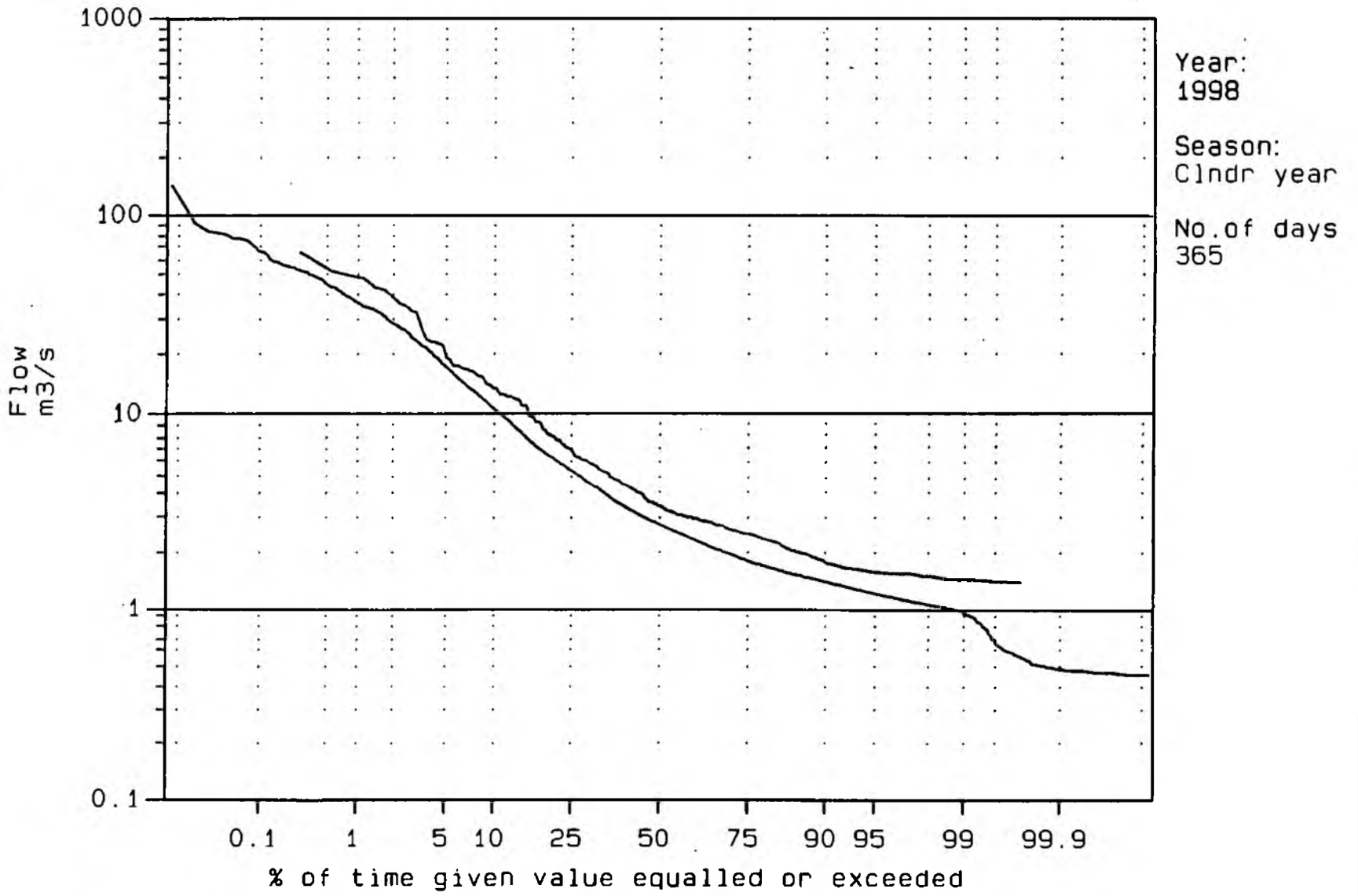
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	110.648	120.129	93.023	118.177	173.366	81.430	222.980	130.163	141.877	146.135	148.191	244.000	244.000
DATE	20/1975	22/1969	07/1972	23/1999	30/1979	28/1968	10/1968	06/1997	18/1999	12/1993	29/1965	27/1979	27/12/1979
MAX DAILY MEAN FLOW	61.155	82.350	75.288	67.032	69.796	45.750	48.905	92.489	52.770	65.030	83.731	144.724	144.724
DATE	21/1985	22/1969	07/1972	23/1999	30/1979	28/1968	10/1968	06/1997	05/1974	24/1998	09/1994	27/1979	27/12/1979
MIN DAILY MEAN FLOW	1.465	1.667	1.622	1.169	0.937	0.622	0.494	0.453	0.586	1.077	1.196	1.673	0.453
DATE	26/1976	27/1965	08/1976	30/1976	29/1976	30/1976	24/1976	07/1976	07/1976	01/1978	10/1964	25/1964	07/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SY29F052	Name: WHITFORD	Locat.: RIVER AXE

Period of Analysis : 1965 to 1998 (34 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX06F058	Station Name	: DENBY
Loc. Desc.	: RIVER CAMEL	Catchment Ref.	: CW
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX01706820
Parameter	: Flow	Gauge Zero	: 16.637 MAOD
Units	: m3/S	Catchment Area	: 208.800 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	15.944	3.483	6.246	8.108	4.312	3.176	4.194	2.422	3.484	9.858	14.626	12.176	7.452
CATCHMENT RUN-OFF MM	205	40	80	101	55	39	54	31	43	126	182	169	1125
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	65.187	5.627	21.892	28.354	8.655	7.724	14.628	4.876	7.830	78.337	60.473	73.177	78.337
DATE	3	1	6	23	1	29	12	23	11	31	11	25	31 OCT
MAX DAILY MEAN FLOW	41.856	5.454	13.175	18.637	8.125	4.931	9.390	3.739	6.499	56.720	29.501	44.017	56.720
DATE	5	1	6	23	1	30	12	3	11	31	11	25	31 OCT
MIN DAILY MEAN FLOW	5.806	2.449	2.531	4.725	2.609	2.203	2.346	1.779	1.782	2.581	9.654	6.140	1.779
DATE	31	26	1	1	27	22	8	30	3	8	22	14	30 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1964 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	11.797	9.685	7.058	4.781	3.338	2.764	2.342	2.353	2.914	5.383	8.527	11.349	6.034
CATCHMENT RUN-OFF MM	151	112	91	59	43	34	30	30	36	69	106	146	907
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1964 TO 2000

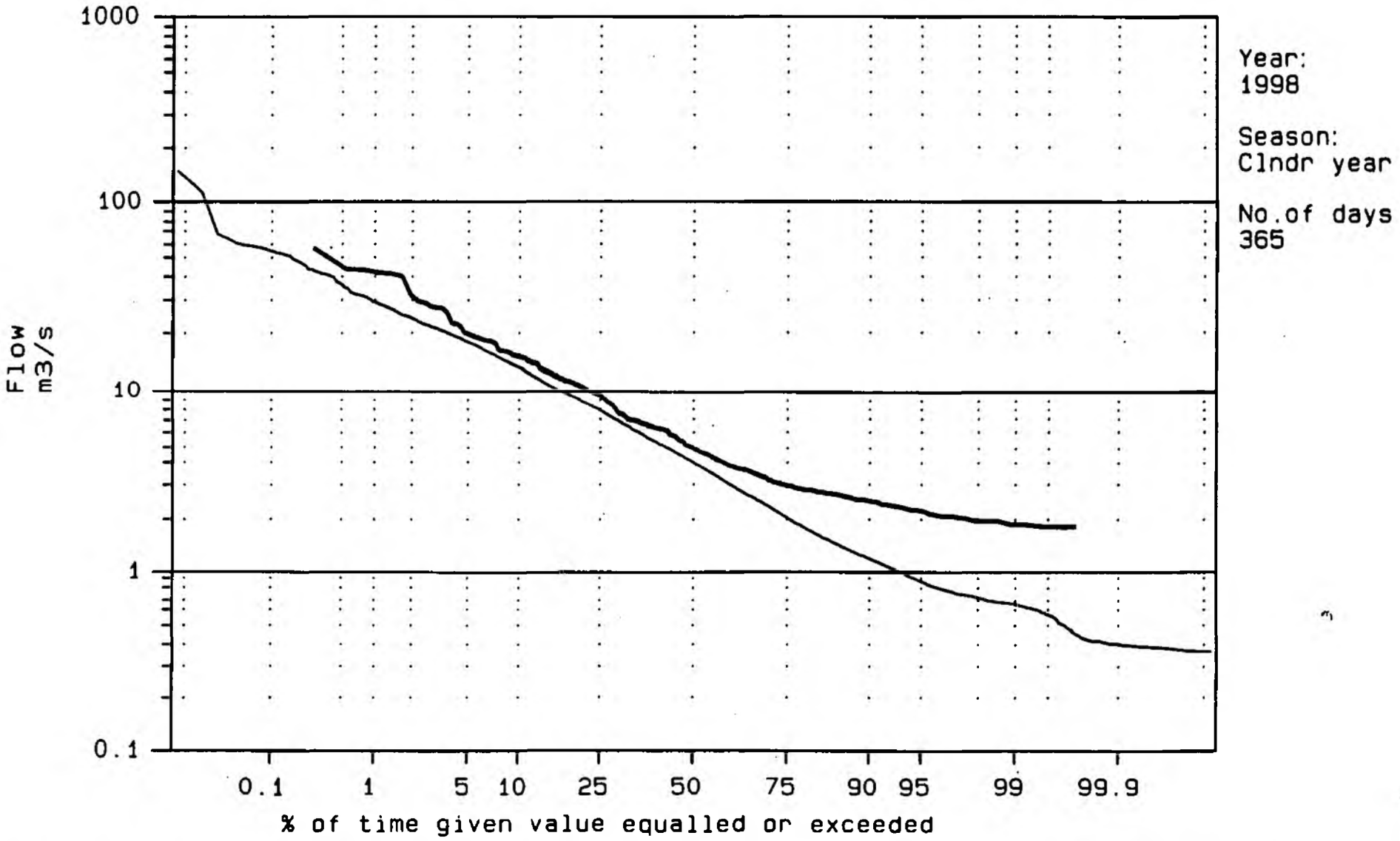
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	76.967	80.209	94.748	46.658	58.519	306.400	40.590	63.985	125.785	92.144	116.615	278.753	306.400
DATE	14/1996	09/1974	09/1981	03/1994	26/1993	12/1993	28/1969	25/1986	27/1974	02/1981	04/1967	18/1999	12/06/1993
MAX DAILY MEAN FLOW	68.038	59.148	59.576	32.105	27.623	150.024	20.695	40.588	53.086	56.720	57.663	117.446	150.024
DATE	14/1996	14/1990	09/1981	03/1994	26/1993	12/1993	12/1965	25/1986	27/1974	31/1998	30/1992	18/1999	12/06/1993
MIN DAILY MEAN FLOW	2.032	2.029	1.760	1.279	0.744	0.603	0.479	0.360	0.394	0.564	0.646	2.666	0.360
DATE	31/1997	01/1997	27/1993	30/1971	21/1971	07/1971	31/1976	28/1976	07/1976	10/1971	02/1978	10/1989	28/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX06F058	Name: DENBY	Locat.: RIVER CAMEL

Period of Analysis : 1965 to 1998 (33 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX47F051	Station Name	: GUNNISLAKE
Loc. Desc.	: RIVER TAMAR	Catchment Ref.	: CW
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX42637252
Parameter	: Flow	Gauge Zero	: 7.670 MAOD
Units	: m3/S	Catchment Area	: 916.900 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	59.192	7.996	28.379	29.084	9.470	11.566	15.443	6.528	9.832	45.077	53.516	43.989	26.834
CATCHMENT RUN-OFF MM	173	21	83	82	28	33	45	19	28	132	151	128	923
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	283.396	12.835	150.350	128.103	26.121	42.989	93.943	17.963	43.277	357.697	307.760	247.380	357.697
DATE	3	1	6	23	1	30	20	3	30	31	1	26	31 OCT
MAX DAILY MEAN FLOW	208.029	12.331	91.490	79.242	23.875	26.518	51.366	12.618	24.100	248.019	135.909	178.285	248.019
DATE	3	1	7	23	1	30	12	3	12	31	1	26	31 OCT
MIN DAILY MEAN FLOW	13.344	5.770	6.073	12.559	5.050	5.179	6.382	4.731	4.751	7.564	18.229	14.137	4.731
DATE	31	26	1	1	27	1	10	31	3	9	23	7	31 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1956 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	45.538	36.093	25.337	16.698	10.539	7.162	6.250	7.770	11.116	22.005	35.502	45.244	22.415
CATCHMENT RUN-OFF MM	133	95	74	47	31	20	18	23	31	64	100	132	770
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1956 TO 2000

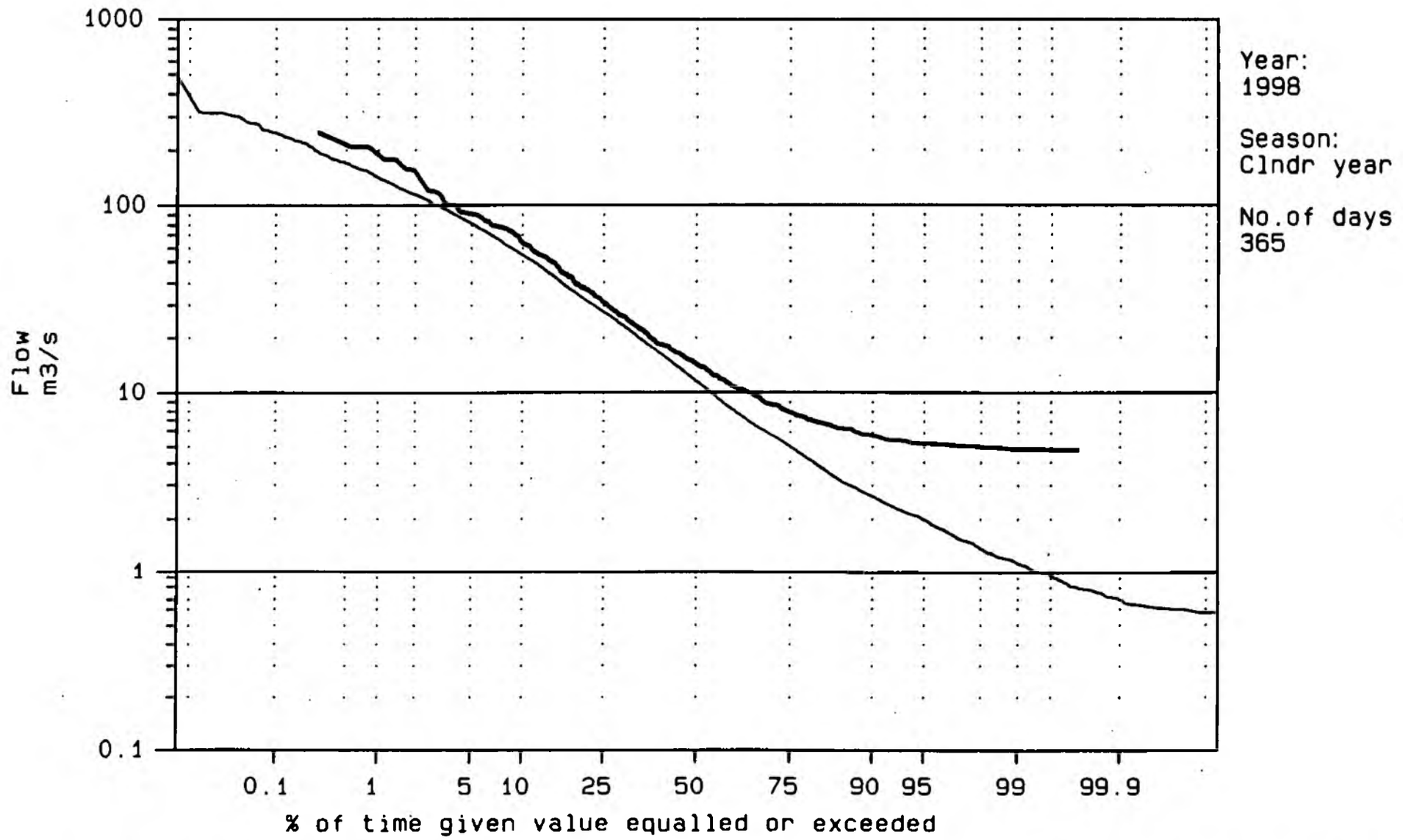
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	347.887	306.684	411.680	268.037	154.479	363.689	344.879	238.050	401.360	373.544	530.198	714.572	714.572
DATE	21/1971	09/1974	09/1981	03/1960	14/1986	12/1993	29/1969	25/1986	27/1974	26/1960	26/1959	27/1979	27/12/1979
MAX DAILY MEAN FLOW	286.397	239.390	253.321	168.539	78.536	247.667	176.820	163.076	274.755	304.592	314.215	483.958	483.958
DATE	30/1974	11/1974	09/1981	03/1960	16/1969	12/1993	29/1969	25/1958	27/1974	26/1960	26/1959	27/1979	27/12/1979
MIN DAILY MEAN FLOW	4.755	4.630	4.810	3.603	2.132	1.146	0.821	0.580	0.737	0.784	1.460	5.187	0.580
DATE	27/1963	03/1963	01/1965	21/1997	28/1990	30/1976	31/1961	23/1976	09/1976	07/1959	01/1978	01/1978	23/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX47F051	Name: GUNNISLAKE	Locat.: RIVER TAMAR

Period of Analysis : 1957 to 1998 (42 complete years used)



101

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SW85F055	Station Name	: GWILLS
Loc. Desc.	: RIVER GANEL	Catchment Ref.	: CW
Report Type	: Annual Summary For Yr.	Grid Ref.	: SW82875928
Parameter	: Flow	Gauge Zero	: 8.710 MAOD
Units	: m3/S	Catchment Area	: 41.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	2.210	0.578	0.642	0.887	0.652	0.485	0.371	0.240	0.279	0.657	1.675	1.690	0.867
CATCHMENT RUN-OFF MM	144	34	42	56	43	31	24	16	18	43	106	110	667
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	9.871	0.930	2.107	5.171	1.886	3.017	2.260	0.636	1.320	5.765	8.245	16.786	16.786
DATE	7	1	6	23	30	5	15	23	2	24	24	19	19 DEC
MAX DAILY MEAN FLOW	4.519	0.895	1.195	1.814	1.068	0.899	0.790	0.329	0.477	2.814	2.757	4.301	4.519
DATE	5	1	3	23	1	5	20	23	29	31	24	25	5 JAN
MIN DAILY MEAN FLOW	0.952	0.395	0.412	0.479	0.393	0.339	0.274	0.197	0.198	0.237	1.146	0.861	0.197
DATE	31	28	1	1	27	22	7	30	23	8	18	17	30 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1969 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	1.477	1.342	0.945	0.632	0.402	0.313	0.202	0.189	0.228	0.467	0.891	1.328	0.702
CATCHMENT RUN-OFF MM	97	79	62	40	26	20	13	12	14	31	56	87	537
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1969 TO 2000

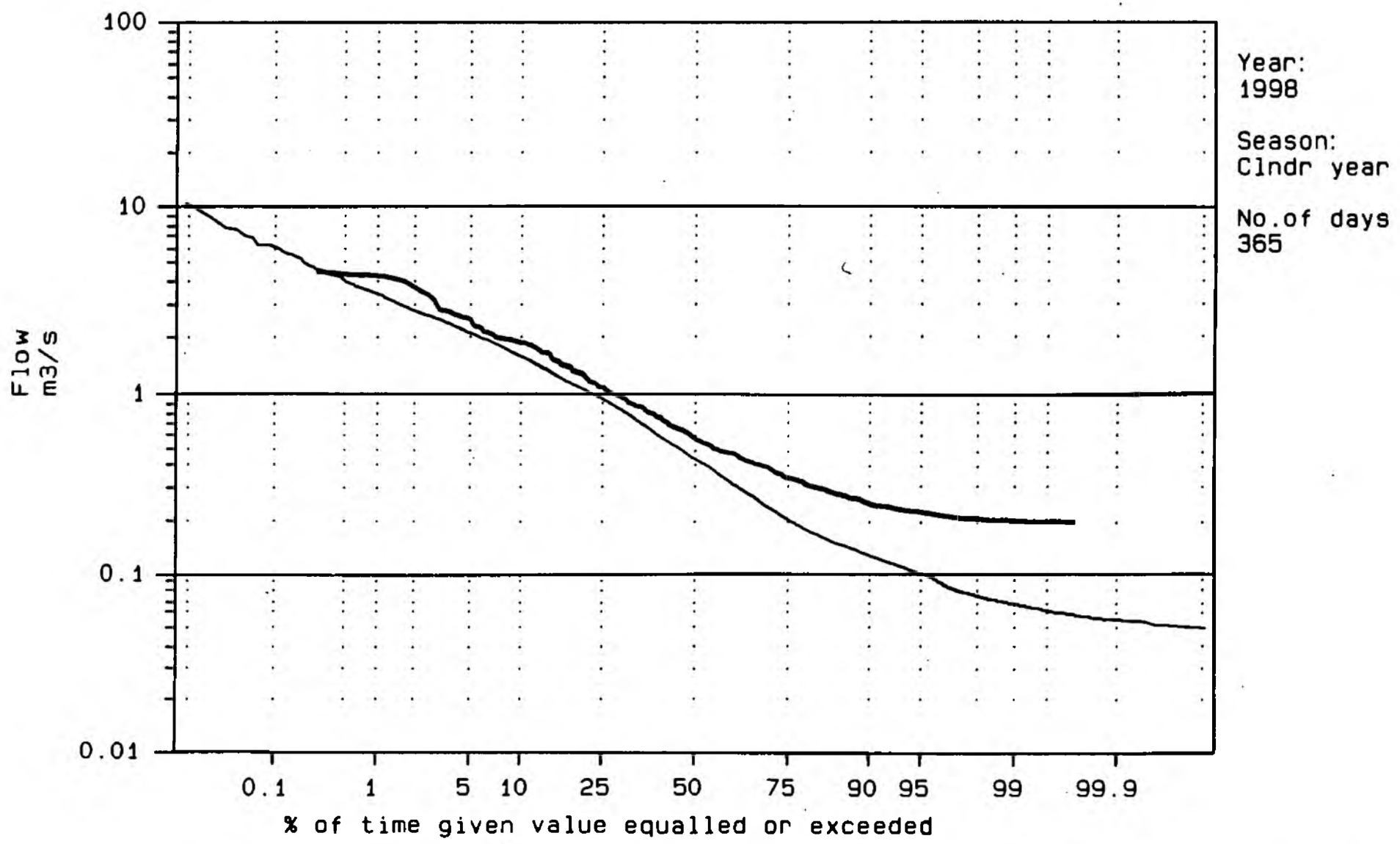
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	16.761	18.299	14.969	8.882	26.016	23.034	3.292	8.996	10.573	26.685	24.462	24.491	26.685
DATE	20/1980	01/1990	21/1976	25/1999	25/1993	21/1986	22/1988	25/1986	21/1980	11/1988	07/1982	27/1979	11/10/1988
MAX DAILY MEAN FLOW	5.635	6.251	8.879	3.444	6.322	6.286	1.096	2.559	3.860	7.762	7.666	10.559	10.559
DATE	11/1996	01/1990	21/1976	25/1999	25/1993	21/1986	22/1988	25/1986	12/1993	11/1988	07/1982	27/1979	27/12/1979
MIN DAILY MEAN FLOW	0.315	0.308	0.291	0.239	0.136	0.106	0.072	0.052	0.050	0.062	0.073	0.189	0.050
DATE	25/1976	07/1992	26/1993	30/1990	28/1990	30/1976	26/1976	20/1984	19/1984	17/1989	08/1978	07/1983	19/09/1984

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SW85F055	Name: GWILLS	Locat.: RIVER GANEL

Period of Analysis : 1970 to 1998 (29 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX46F003	Station Name	: LUDBROOK
Loc. Desc.	: RIVER TAVY	Catchment Ref.	: CW
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX47606810
Parameter	: Flow	Gauge Zero	: 9.981 MAOD
Units	: m3/S	Catchment Area	: 197.300 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	16.905	2.966	10.003	11.634	3.622	8.443	7.649	3.232	5.215	13.071	13.928	13.462	9.222
CATCHMENT RUN-OFF MM	229	36	136	153	49	111	104	44	69	177	183	183	1474
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	102.130	5.192	59.632	43.872	10.493	58.212	91.171	24.353	32.063	123.825	63.957	118.146	123.825
DATE	1	7	3	23	1	26	20	23	9	31	8	26	31 OCT
MAX DAILY MEAN FLOW	44.230	4.115	41.671	23.523	8.604	25.083	26.955	8.367	21.672	53.735	30.914	45.030	53.735
DATE	2	7	3	23	1	26	20	3	30	31	8	26	31 OCT
MIN DAILY MEAN FLOW	4.384	2.157	2.623	4.549	2.187	2.619	3.660	1.943	1.994	3.133	5.781	4.065	1.943
DATE	31	26	1	1	28	1	10	30	1	8	30	7	30 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1981 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	12.327	8.896	6.927	5.637	3.140	3.143	2.651	2.768	3.525	6.794	9.923	12.380	6.565
CATCHMENT RUN-OFF MM	167	109	94	74	43	41	36	38	46	92	130	168	1039
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1981 TO 2000

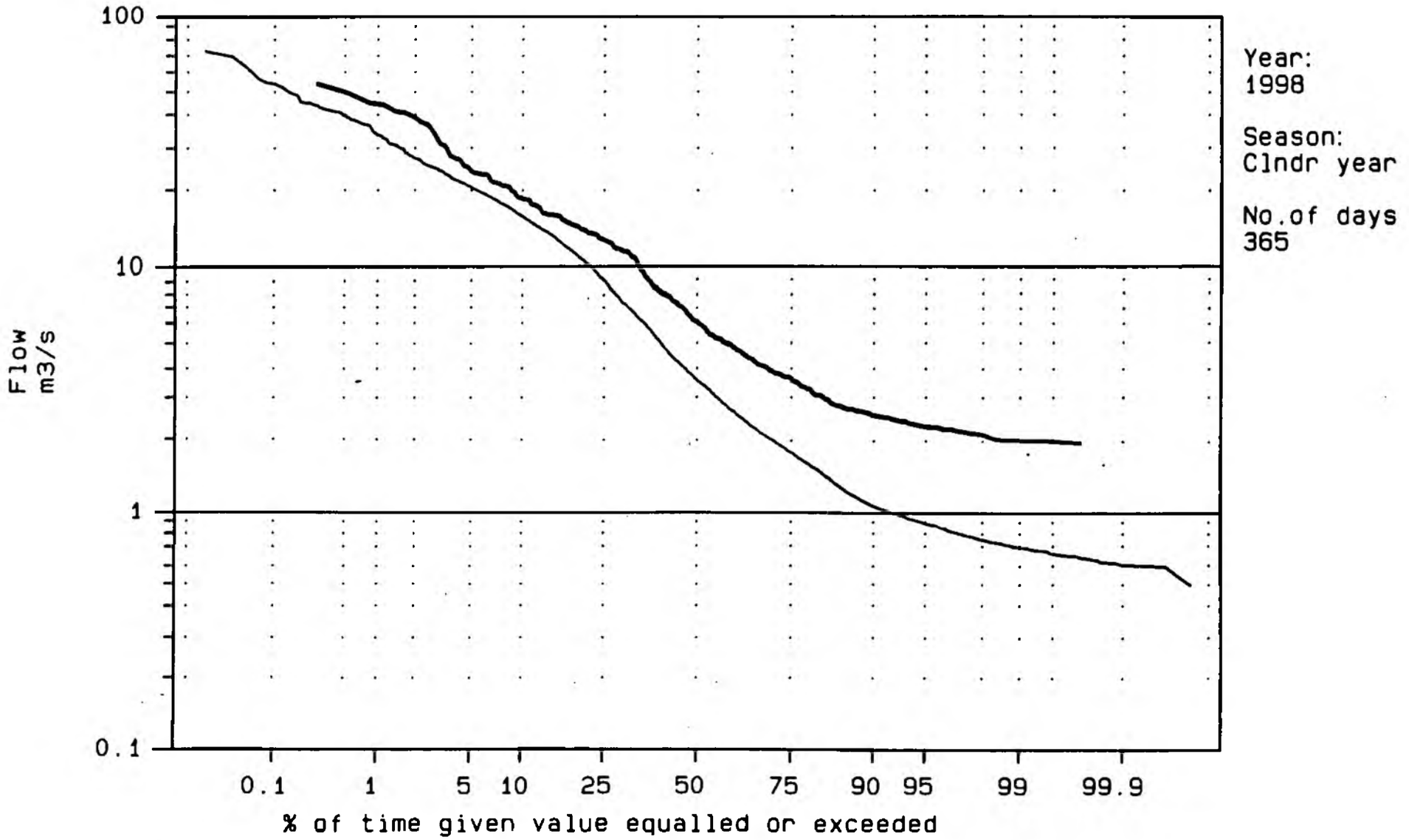
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	182.894	89.638	105.535	70.756	49.689	87.165	91.171	113.067	109.077	123.825	164.943	188.807	188.807
DATE	19/1999	07/1990	26/1987	02/1987	17/1986	05/1987	20/1998	31/1988	12/1993	31/1998	11/1982	18/1992	18/12/1992
MAX DAILY MEAN FLOW	91.259	62.171	43.102	34.588	23.967	26.736	26.955	37.873	36.989	53.735	72.645	69.351	91.259
DATE	19/1999	07/1990	06/1982	03/1987	17/1986	05/1987	20/1998	25/1986	12/1993	31/1998	30/1992	18/1992	19/01/1999
MIN DAILY MEAN FLOW	1.676	1.412	1.232	1.126	0.765	0.732	0.627	0.590	0.492	0.787	1.030	1.545	0.492
DATE	30/1987	27/1986	28/1993	28/1984	28/1990	16/1990	22/1984	28/1983	07/1984	18/1989	22/1983	10/1989	07/09/1984

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX46F003	Name: LUDBROOK	Locat.: RIVER TAVY

Period of Analysis : 1982 to 1998 (16 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SX06F059	Station Name	: RESTORMEL
Loc. Desc.	: RIVER FOWEY	Catchment Ref.	: CW
Report Type	: Annual Summary For Yr.	Grid Ref.	: SX09776249
Parameter	: Flow	Gauge Zero	: 9.128 MAOD
Units	: m3/S	Catchment Area	: 169.000 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	12.489	2.384	4.268	6.271	2.873	2.236	2.793	1.713	2.786	7.223	11.402	9.237	5.496
CATCHMENT RUN-OFF MM	198	34	68	96	46	34	44	27	43	114	175	146	1025
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	36.891	4.323	14.923	23.562	6.281	4.947	8.981	3.358	9.341	37.730	28.464	42.946	42.946
DATE	3	1	6	23	1	26	12	23	30	24	11	26	26 DEC
MAX DAILY MEAN FLOW	27.544	4.132	9.075	16.934	5.850	3.558	5.796	2.841	6.246	29.030	18.495	29.305	29.305
DATE	3	1	6	23	1	26	12	3	30	24	11	26	26 DEC
MIN DAILY MEAN FLOW	4.459	1.576	1.683	3.244	1.513	1.490	1.615	1.199	1.461	2.193	7.668	4.414	1.199
DATE	31	28	1	1	25	4	8	27	3	8	30	16	27 AUG

SCHEDULE OF SURFACE RUN-OFF FOR 1961 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	9.043	7.737	5.754	4.026	2.843	2.152	1.713	1.846	2.371	4.136	6.596	8.882	4.738
CATCHMENT RUN-OFF MM	143	111	91	62	45	33	27	29	36	66	101	141	885
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1961 TO 2000

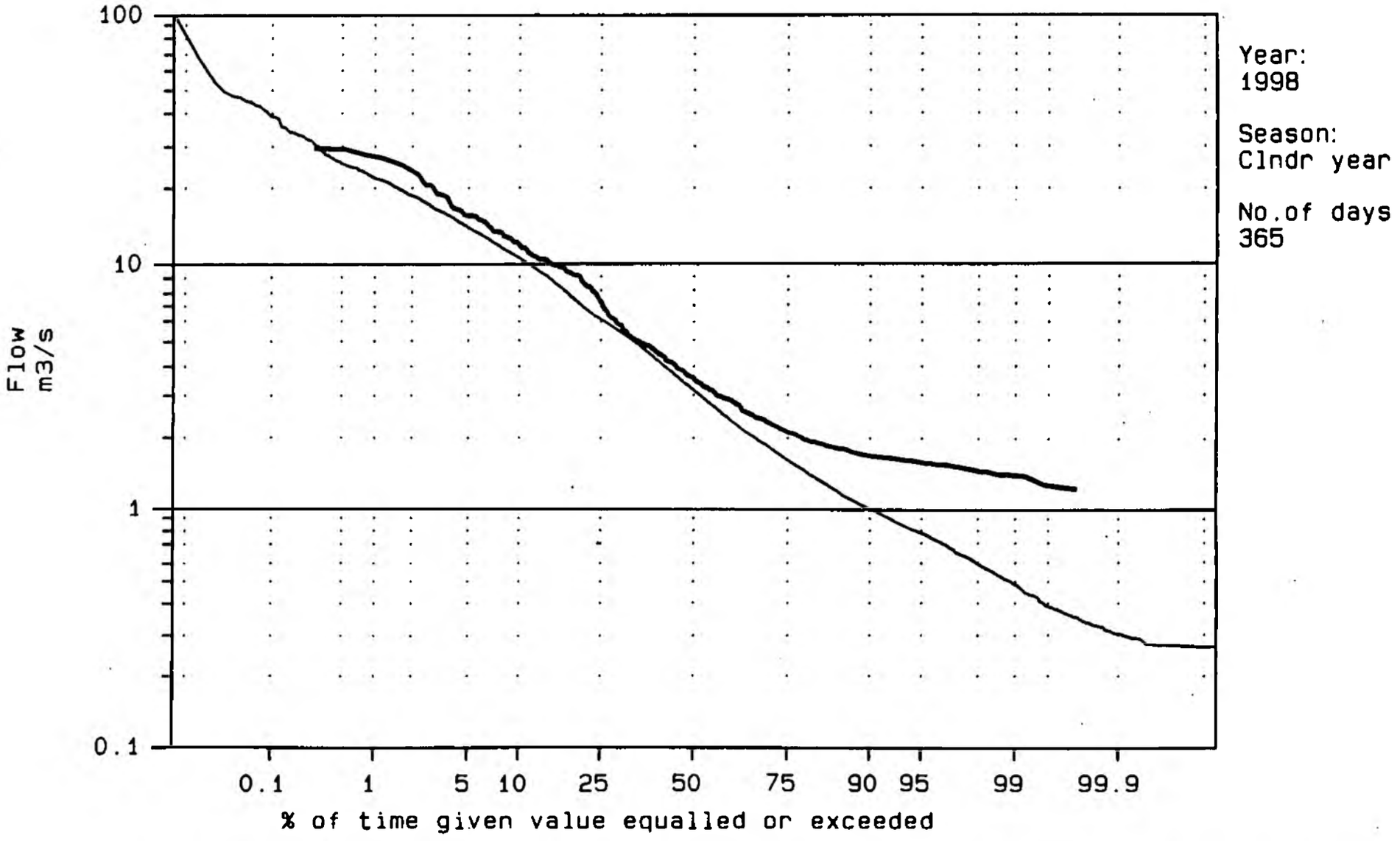
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	66.892	96.189	45.738	30.284	30.995	38.316	30.581	48.680	70.681	37.730	65.444	130.990	130.990
DATE	18/1970	11/1974	09/1981	25/1999	26/1993	28/1968	28/1969	25/1986	27/1974	24/1998	30/1992	27/1979	27/12/1979
MAX DAILY MEAN FLOW	46.871	66.946	31.267	22.491	21.064	26.996	13.349	30.048	38.557	29.030	45.096	99.415	99.415
DATE	14/1996	11/1974	09/1981	03/1994	26/1993	12/1993	12/1965	25/1986	27/1974	24/1998	30/1992	27/1979	27/12/1979
MIN DAILY MEAN FLOW	1.367	1.409	1.380	1.087	0.748	0.429	0.370	0.265	0.270	0.479	0.493	1.743	0.265
DATE	29/1997	03/1997	27/1993	30/1984	30/1982	27/1984	31/1976	28/1976	09/1976	07/1989	06/1978	10/1989	28/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SX06F059	Name: RESTORMEL	Locat.: RIVER FOWEY

Period of Analysis : 1962 to 1998 (37 complete years used)



Output from HYDROLOG Data Management System V2.56(C) 1991-99 Hydro-Logic Ltd
Surface Flow Annual Report Printed on 16/02/2000 at 14:48 hrs

---

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **SW84F054**	Station Name	: **TRURO**
Loc. Desc.	: **RIVER KENWYN**	Catchment Ref.	: **CW**
Report Type	: **Annual Summary For Yr.**	Grid Ref.	: **SW81984503**
Parameter	: **Flow**	Gauge Zero	: **9.440 MAOD**
Units	: **m3/S**	Catchment Area	: **19.800 Sq Km**
Period	: **1998**	Start of Day	: **09:00 GMT**

Note: All Flows are measured in Cubic metres per second (Cumecs)
The British Standard Average Method is used to calculate Daily Mean Flows

SCHEDULE OF SURFACE RUN-OFF FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	1.235	0.258	0.352	0.521	0.424	0.287	0.214	0.142	0.118	0.286	0.966	0.819	0.470
CATCHMENT RUN-OFF MM	167	32	48	68	57	38	29	19	16	39	127	111	751
CATCHMENT RAINFALL MM													
(RAINFALL)-(RUN-OFF) MM													

MAXIMUM AND MINIMUM FLOWS FOR 1998

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	5.616	0.445	1.319	2.572	1.030	1.191	0.819	0.393	0.456	2.554	4.950	7.749	7.749
DATE	4	1	2	23	1	5	15	23	29	24	3	19	19 DEC
MAX DAILY MEAN FLOW	3.211	0.429	0.587	1.099	1.013	0.462	0.366	0.206	0.201	1.177	1.551	2.120	3.211
DATE	4	1	6	30	1	10	20	1	29	31	3	26	4 JAN
MIN DAILY MEAN FLOW	0.459	0.166	0.171	0.249	0.210	0.217	0.163	0.110	0.091	0.092	0.573	0.425	0.091
DATE	31	26	1	1	27	4	14	30	22	8	18	14	22 SEP

SCHEDULE OF SURFACE RUN-OFF FOR 1968 TO 2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MEAN DAILY GAUGED FLOW	0.841	0.741	0.515	0.331	0.207	0.155	0.097	0.094	0.119	0.257	0.490	0.759	0.386
CATCHMENT RUN-OFF MM	114	91	70	43	28	20	13	13	16	35	64	103	609
1941-70 LTA RAINFALL MM													

MAXIMUM AND MINIMUM FLOWS FOR 1968 TO 2000

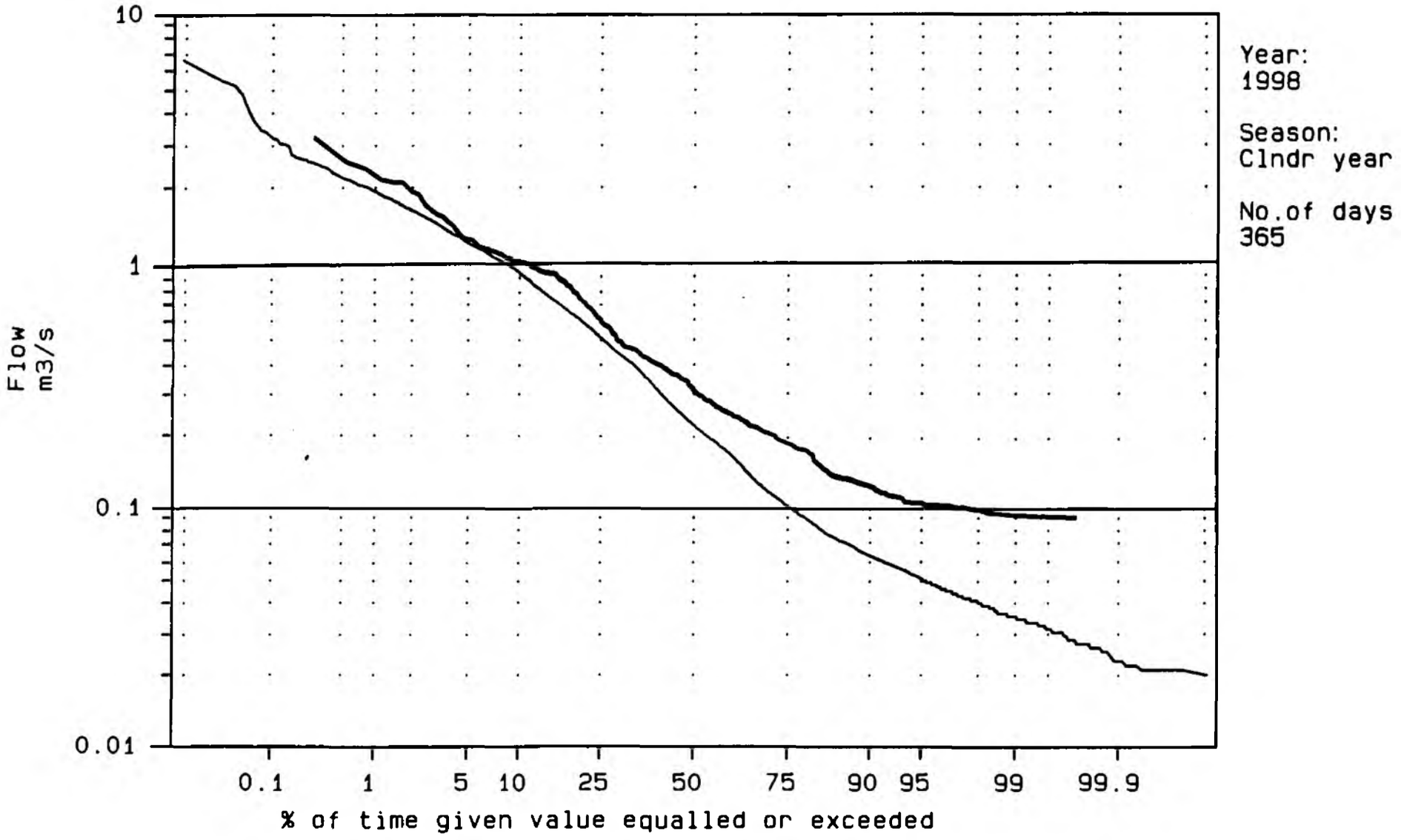
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
MAX INST GAUGED FLOW	22.500	11.107	5.858	4.075	4.567	3.818	1.211	2.314	4.120	30.373	9.744	14.763	30.373
DATE	27/1988	20/1994	21/1976	03/1987	25/1993	05/1997	15/1993	26/1984	13/1975	11/1988	07/1982	30/1993	11/10/1988
MAX DAILY MEAN FLOW	6.622	3.399	2.526	1.564	1.630	1.330	0.434	0.908	1.381	5.469	3.036	5.860	6.622
DATE	27/1988	20/1994	21/1976	03/1994	25/1993	13/1972	15/1993	04/1997	12/1993	11/1988	07/1982	27/1979	27/01/1988
MIN DAILY MEAN FLOW	0.139	0.126	0.117	0.108	0.071	0.049	0.033	0.020	0.025	0.030	0.030	0.100	0.020
DATE	31/1992	07/1992	27/1993	30/1990	28/1990	30/1976	29/1976	22/1976	06/1976	01/1978	09/1978	05/1978	22/08/1976

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: SW84F054	Name: TRURO	Locat.: RIVER KENWYN

Period of Analysis : 1970 to 1998 (29 complete years used)



109

Figure 4.1: Examples of Devon and Cornwall R143 annual summary and R106 monthly summary reports

Output from HYDROLOG Data Management System V2.56(C) 1991-99 Hydro-Logic Ltd
SUMMARY REPORT Printed on 14/02/2000 at 14:26 hrs Page 1 of 1

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: SS90F011	Station Name	: THORVERTON
Loc. Desc.	: RIVER EXE	Catchment Ref.	: EX
Report Type	: Daily Summary For Yr.	Grid Ref.	: SS93600160
Parameter	: Flow	Gauge Zero	: 26.000 MAOD
Units	: m3/s	Catchment Area	: 600.900 Sq Km
Period	: 1998	Start of Day	: 09:00 GMT

First Rating Curve From 01/12/1979 00:15:00 to date
Last Rating Curve From 01/12/1979 00:15:00 to date

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	58.953	8.870-H	4.389-L	10.465-L	17.552-H	4.414-L	12.965	6.374	3.063	16.114	111.633-H	13.129
2	78.261	8.278	8.075	10.975	15.407	8.267	11.219	5.872	3.038	12.834	79.446	12.629
3	149.668-H	7.720	43.224	18.374	13.481	9.351	9.928	10.140-H	3.023-L	11.099	63.496	11.939
4	112.851	7.260	52.972	34.133	12.021	6.157	9.060	8.921	3.695	10.041	48.202	11.054
5	132.462	6.892	40.715	36.059	11.470	10.483	8.396	6.971	4.578	9.265	43.679	10.311
6	90.446	6.835	111.806	34.807	11.445	11.072	7.899	6.474	4.914	9.830	37.448	9.489
7	75.491	7.943	118.522-H	30.292	10.700	9.310	7.058	6.044	4.194	9.135	32.740	9.004
8	59.281	6.593	65.526	31.964	10.196	18.997	6.276	5.710	9.813	7.762	48.681	11.403
9	46.907	6.078	44.901	36.964	9.182	25.589	5.969	5.160	9.413	7.657	46.747	9.738
10	38.281	5.743	37.468	39.153	8.903	28.615-H	5.634-L	4.741	8.614	7.900	41.134	10.283
11	31.917	5.503	31.438	41.494-H	9.393	25.313	11.998	4.494	10.170	9.094	41.785	10.366
12	26.560	5.265	25.717	39.713	8.055	20.552	42.159-H	4.344	11.388	7.221-L	49.153	16.955
13	33.116	5.055	22.044	36.480	7.362	27.695	19.310	4.172	13.306	12.567	43.599	14.902
14	29.586	4.883	18.803	33.923	7.899	25.245	14.642	4.195	11.596	28.029	41.667	15.499
15	30.890	4.796	16.285	29.463	6.315	19.523	14.741	4.213	11.457	16.998	33.897	21.066
16	27.219	4.664	14.234	29.257	5.690	16.484	14.676	3.793	9.754	28.815	29.220	18.857
17	25.389	4.408	12.654	24.561	5.312	14.730	11.779	3.674	8.684	35.019	24.908	18.368
18	48.264	4.349	11.101	20.035	5.038	14.136	9.851	3.536	8.307	25.396	20.955	29.764
19	39.677	4.342	9.885	22.735	4.808	11.657	8.861	3.307	7.607	21.471	18.178	27.725
20	35.099	4.301	9.123	18.273	4.585	9.946	17.437	3.544	6.672	18.735	15.888	23.683
21	32.968	4.754	8.450	17.725	4.424	8.559	16.101	4.460	6.180	29.228	14.206	21.801
22	28.337	4.828	7.839	18.006	4.318	7.635	12.199	3.704	5.781	63.871	12.821	20.672
23	23.331	4.359	7.311	27.189	4.158	7.445	11.274	6.032	5.390	83.165	12.484-L	34.975
24	20.044	4.100	7.062	25.474	4.050	7.358	9.727	5.448	5.324	172.193	26.722	36.832
25	17.641	4.256	10.345	34.367	3.969	7.028	8.812	3.774	5.874	102.981	16.891	107.614
26	15.577	3.907-L	26.799	35.335	3.864-L	11.942	8.277	3.681	6.320	76.609	15.342	112.862
27	14.000	4.076	17.636	31.467	4.080	11.760	7.661	3.571	5.765	96.625	14.410	73.329
28	12.631	4.167	15.210	28.380	4.149	8.491	7.347	3.347	5.138	105.686	18.300	50.825
29	11.452		13.937	24.232	5.792	16.892	7.579	3.212	5.570	68.384	14.945	40.749
30	10.556		12.422	21.234	4.415	19.344	8.519	3.087	22.953-H	65.875	13.788	34.129
31	9.631-L		11.159		4.427		6.961	2.997-L		183.679-H		29.966
Total	1366.487	154.226	837.051	842.528	232.458	423.990	354.314	148.991	227.582	1353.277	1032.367	869.916
Runoff	196	22	120	121	33	61	51	21	33	195	148	125
Mean	44.080	5.508	27.002	28.084	7.499	14.133	11.429	4.806	7.586	43.654	34.412	28.062
Max Flow	206.382	9.317	176.706	55.762	19.401	45.089	89.757	17.376	29.878	250.903	182.104	168.518
Day	3	1	7	9	1	29	12	3	30	24	1	26

Annual Total 7843.187
Runoff 1128
Annual DMF 21.488
Max DMF 183.679
Min DMF 2.997
Max Flow 250.903 on 24/10/1998

ENVIRONMENT AGENCY Exeter

Auth. Ref. : SS90F011
Loc. Desc. : RIVER EXE
Report Type : Daily Summary
Parameter : Stage/Discharge
Period : October 1998

Station Name : THORVERTON
Catchment Ref.: EX
Grid Ref. : SS93600160
Gauge Zero : 26.000 MAOD
Catchment Area: 600.900 Sq Km
Start of Day : 09:00 GMT

First Rating Curve From 01/12/1979 00:15:00 to date
Last Rating Curve From 01/12/1979 00:15:00 to date

[--- Measured Flow Derived from the Recorded Archive in Cumecs ---] [-- Stage from the Recorded Archive --]

Day	No. of Readings	Daily Total-TCMD	Mean	Recorded High	Time	Recorded Low	Time	Daily Mean	Recorded High	Time	Recorded Low	Time	Day
1	96	1392.213	16.114	20.226	09:00	13.981	08:30	0.542	0.599	09:00	0.511	08:30	1
2	96	1108.837	12.834	14.045	09:30	12.016	07:00	0.492	0.512	09:30	0.479	07:00	2
3	96	958.984	11.099	12.134	10:30	10.483	04:45	0.463	0.481	10:30	0.452	04:45	3
4	94	867.539	10.041	10.593	09:15	9.576	07:30	0.444	0.454	09:15	0.435	07:30	4
5	96	800.484	9.265	9.628	09:30	9.012	06:30	0.429	0.436	09:30	0.424	06:30	5
6	96	849.355	9.830	10.593	03:45	6.724-L	13:15	0.440	0.454	03:45	0.375	13:15	6
7	96	789.285	9.135	10.104	10:15	8.130	08:00	0.426	0.445	10:15	0.406	08:00	7
8	96	670.622	7.762	8.130	09:00	7.432	08:15	0.398	0.406	09:00	0.391	08:15	8
9	96	661.546	7.657	8.225	08:30	7.477	09:30	0.396	0.408	08:30	0.392	09:30	9
10	96	682.518	7.900	8.712	12:15	7.296	04:30	0.401	0.418	12:15	0.388	04:30	10
11	96	785.697	9.094	11.899	18:30	7.568	09:00	0.425	0.477	18:30	0.394	09:00	11
12	96	623.872-L	7.221-L	7.800	09:00	6.854	06:15	0.386	0.399	09:00	0.378	06:15	12
13	75	1085.751	12.567	27.181	08:45	6.898	09:00	0.479	0.681	08:45	0.379	09:00	13
14	96	2421.686	28.029	38.313	15:45	18.772	08:30	0.693	0.822	15:45	0.580	08:30	14
15	96	1468.658	16.998	18.697	09:00	15.833	05:30	0.556	0.579	09:00	0.539	05:30	15
16	96	2489.614	28.815	70.344	06:00	15.765	12:00	0.699	1.197	06:00	0.538	12:00	16
17	96	3025.644	35.019	59.693	09:00	27.826	08:15	0.777	1.079	09:00	0.688	08:15	17
18	96	2194.245	25.396	27.826	09:00	23.480	07:45	0.661	0.688	09:00	0.639	07:45	18
19	96	1855.055	21.471	23.649	13:45	19.301	08:45	0.614	0.641	13:45	0.587	08:45	19
20	96	1618.735	18.735	27.826	08:45	17.448	23:00	0.579	0.688	08:45	0.562	23:00	20
21	96	2525.321	29.228	44.033	12:00	21.820	06:30	0.709	0.894	12:00	0.619	06:30	21
22	95	5518.454	63.871	139.120	08:45	21.901	09:00	1.104	1.868	08:45	0.620	09:00	22
23	96	7185.448	83.165	141.809	09:45	58.989	07:30	1.321	1.892	09:45	1.071	07:30	23
24	96	14877.52	172.193	250.903-H	23:00	60.665	09:00	2.132	2.783	23:00	1.090	09:00	24
25	96	8897.523	102.981	135.891	09:00	79.838	05:30	1.526	1.839	09:00	1.298	05:30	25
26	96	6619.040	76.609	98.063	12:00	64.867	00:45	1.262	1.483	12:00	1.137	00:45	26
27	96	8348.419	96.625	143.383	22:30	61.464	12:30	1.458	1.906	22:30	1.099	12:30	27
28	96	9131.256	105.686	149.731	14:15	82.239	08:45	1.551	1.962	14:15	1.323	08:45	28
29	96	5908.367	68.384	81.949	09:00	60.223	00:45	1.175	1.320	09:00	1.085	00:45	29
30	96	5691.583	65.875	75.566	09:30	58.375	02:30	1.147	1.253	09:30	1.064	02:30	30
31	96	15869.89-H	183.679-H	238.604	23:15	65.590	09:00	2.231	2.689	23:15	1.145	09:00	31

SUMMARY FOR MONTH	DISCHARGE cumecs	DISCHARGE TCMD	STAGE (metres)	DATE	TIME
Max. Daily Mean	183.679	15870	2.231	31/10/1998	
Min. Daily Mean	7.221	623.9	0.386	12/10/1998	
Highest Recorded	250.903	21678	2.783	24/10/1998	at 23:00
Lowest Recorded	6.724	581.0	0.375	06/10/1998	at 13:15
Monthly Mean	43.654 cumecs	3771.7 TCMD	0.836 metres		
Total Discharge	1353.277 cumec-days	116923.2 TCM			

Figure 4.2: Wessex monthly mean summary reports and flow duration curves

Output from HYDROLOG Data Management System V2.56(C) 1991-99 Hydro-Logic Ltd
SUMMARY REPORT Printed on 14/02/2000 at 14:29 hrs Page 1 of 2

ENVIRONMENT AGENCY Exeter

Auth. Ref. : **432130**
Loc. Desc. : **River Avon**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Amesbury**
Catchment Ref.: **43**
Grid Ref. : **SU151413**
Gauge Zero : **0.000 MAOD**
Catchment Area: **323.700 Sq Km**

Period : **1966 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1966	6.395	7.075	6.070	5.271	4.780	3.137	2.160	1.991	1.732	3.521	4.968	5.190	4.341		1966
1967	6.123	7.590	8.287	4.784	3.701	2.813	2.364	1.878	1.852	2.956	5.161	4.606	4.315		1967
1968	6.408	5.129	3.953	2.944	2.503	2.021	2.554	2.052	2.226	2.914	3.759	5.514	3.497		1968
1969	7.296	5.910	5.681	4.933	3.740	2.846	2.013	1.586	1.389	1.234	1.512	2.061	3.336		1969
1970	3.461	5.447	5.357	4.444	3.014	2.047	1.640	1.392	1.370	1.149	2.577	3.467	2.930		1970
1971	5.307	6.686	5.052	4.562	3.755	4.181	3.022	2.338	1.652	1.616	1.613	1.713	3.436		1971
1972	2.995	5.849	8.352	5.051	3.725	2.816	2.130	1.598	1.315	1.195	1.530	5.050	3.463		1972
1973	4.074	3.525	2.819	2.208	2.161	1.828	1.510	1.366	1.121	1.159	1.090	1.424	2.017		1973
1974	4.169	9.243	5.919	3.836	2.600	1.877	1.517	1.339	2.528	3.172	6.440	6.419	4.051		1974
1975	6.870	7.448	5.735	4.816	3.561	2.453	1.761	1.339	1.387	1.290	1.320	1.385	3.255		1975
1976	1.199	1.188	1.158	1.039	0.834	0.626	0.474	0.372	0.645	1.613	2.055	5.903	1.430		1976
1977	7.765	9.686	8.108	5.127	3.846	3.122	2.024	2.351	2.230	2.173	3.001	4.645	4.476		1977
1978	6.049	7.632	6.428	5.282	5.001	3.234	2.299	2.286	1.524	1.329	1.212	2.266	3.689		1978
1979	3.336	5.560	7.054	7.586	5.146	4.259	2.944	2.362	1.787	1.598	1.604	2.983	3.838		1979
1980	4.417	6.133	6.019	6.451	3.741	2.772	2.212	1.864	1.573	2.087	2.317	2.613	3.505		1980
1981	2.896	3.034	6.597	5.910	4.445	3.503	2.352	1.860	1.742	2.436	2.695	4.747	3.523		1981
1982	8.555	6.154	7.898	5.695	3.625	2.433	1.872	1.520	1.378	2.260	3.730	7.259	4.362		1982
1983	7.255	5.652	4.472	4.050	4.324	3.859	2.491	1.751	1.676	1.686	1.531	2.339	3.413		1983
1984	5.036	6.902	5.164	3.885	2.962	2.302	1.472	1.174	1.215	1.337	2.169	3.821	3.107		1984
1985	6.141	7.101	5.126	4.628	3.572	3.043	2.010	2.038	1.751	1.674	1.559	3.437	3.485		1985
1986	6.557	6.314	4.570	4.311	4.149	3.250	2.268	1.916	1.658	1.547	3.004	5.910	3.775		1986
1987	6.433	4.622	4.651	6.366	4.469	3.068	2.109	1.572	1.448	1.937	2.983	3.083	3.554		1987
1988	5.052	9.477	6.081	4.519	3.249	2.268	1.844	1.523	1.508	2.298	2.179	2.559	3.524		1988
1989	2.568	2.942	4.529	4.861	3.489	2.078	1.312	1.048	0.926	0.973	1.361	3.038	2.424		1989
1990	4.345	15.999	6.802	4.348	2.578	1.825	1.292	1.006	0.881	1.060	1.110	1.366	3.465		1990
1991	3.105	2.999	4.058	3.902	2.848	2.298	1.993	1.571	1.222	1.301	1.790	1.667	2.392		1991
1992	1.747	1.809	1.975	2.650	2.076	1.489	1.365	1.234	1.793	2.106	3.915	9.945	2.682		1992
1993	8.901	5.841	4.082	4.657	3.875	3.048	2.170	1.633	1.613	3.597	3.449	5.318	4.009		1993
1994	11.635	8.850	6.404	5.798	4.359E	3.168E	1.976E	1.565	1.698E	1.745	3.236	5.122	4.608	E	1994
1995	10.835	15.273	9.700	5.351	3.259	2.286	1.608	1.080E	1.378E	1.352	1.785	3.260	4.700	E	1995
1996	5.479E	5.528	5.273	4.424E	3.187	2.180	1.567	1.231	0.996	1.037	1.654	1.691	2.845	E	1996
1997	1.535	2.158E	2.603E	2.248E	1.742	1.339	1.041	0.919	0.861	0.887	1.457	2.558	1.609	E	1997
1998	7.633	4.835	3.869E	4.625	3.801	3.275	2.357	1.614	1.555	2.192	4.949	5.239	3.823	E	1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **432130**	Station Name	: **Amesbury**
Loc. Desc.	: **River Avon**	Catchment Ref.	: **43**
Report Type	: **Monthly Means**	Grid Ref.	: **SU151413**
Parameter	: **Flow**	Gauge Zero	: **0.000 MAOD**
Units	: **m3/s**	Catchment Area	: **323.700 Sq Km**
Period	: **1966 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Year Code
Mean	5.502E	6.342E	5.450E	4.562E	3.458E	2.629E	1.928E	1.587E	1.504E	1.831	2.567	3.867	3.420	
Min. Monthly														
Mean	1.199E	1.188E	1.158E	1.039E	0.834E	0.626E	0.474E	0.372E	0.645E	0.887	1.090	1.366	1.430	
Year	1976	1976	1976	1976	1976	1976	1976	1976	1976	1997	1973	1990	1976	
Max. Monthly														
Mean	11.635E	15.999E	9.700E	7.586E	5.146E	4.259E	3.022E	2.362E	2.528E	3.597	6.440	9.945	4.700	E
Year	1994	1990	1995	1979	1979	1979	1971	1979	1974	1993	1974	1992	1995	
Highest														
Recorded	27.486E	24.289E	14.615E	8.439E	4.836E	4.421E	3.492E	1.993E	3.001E	7.522	9.899	20.284	27.486	
Date	30/01/95	02/02/95	08/03/95	10/04/94	01/05/94	27/06/98	01/07/98	30/08/92	15/09/94	14/10/93	30/11/92	07/12/92	30/01/95	
Lowest														
Recorded	1.401E	1.425E	1.792E	1.952E	1.318E	1.113E	0.809E	0.742E	0.640E	0.685	0.723	1.437	0.640	
Date	02/01/97	02/02/97	01/03/92	30/04/97	30/05/97	30/06/92	23/07/97	16/08/97	27/09/97	03/10/97	03/11/97	31/12/96	27/09/97	

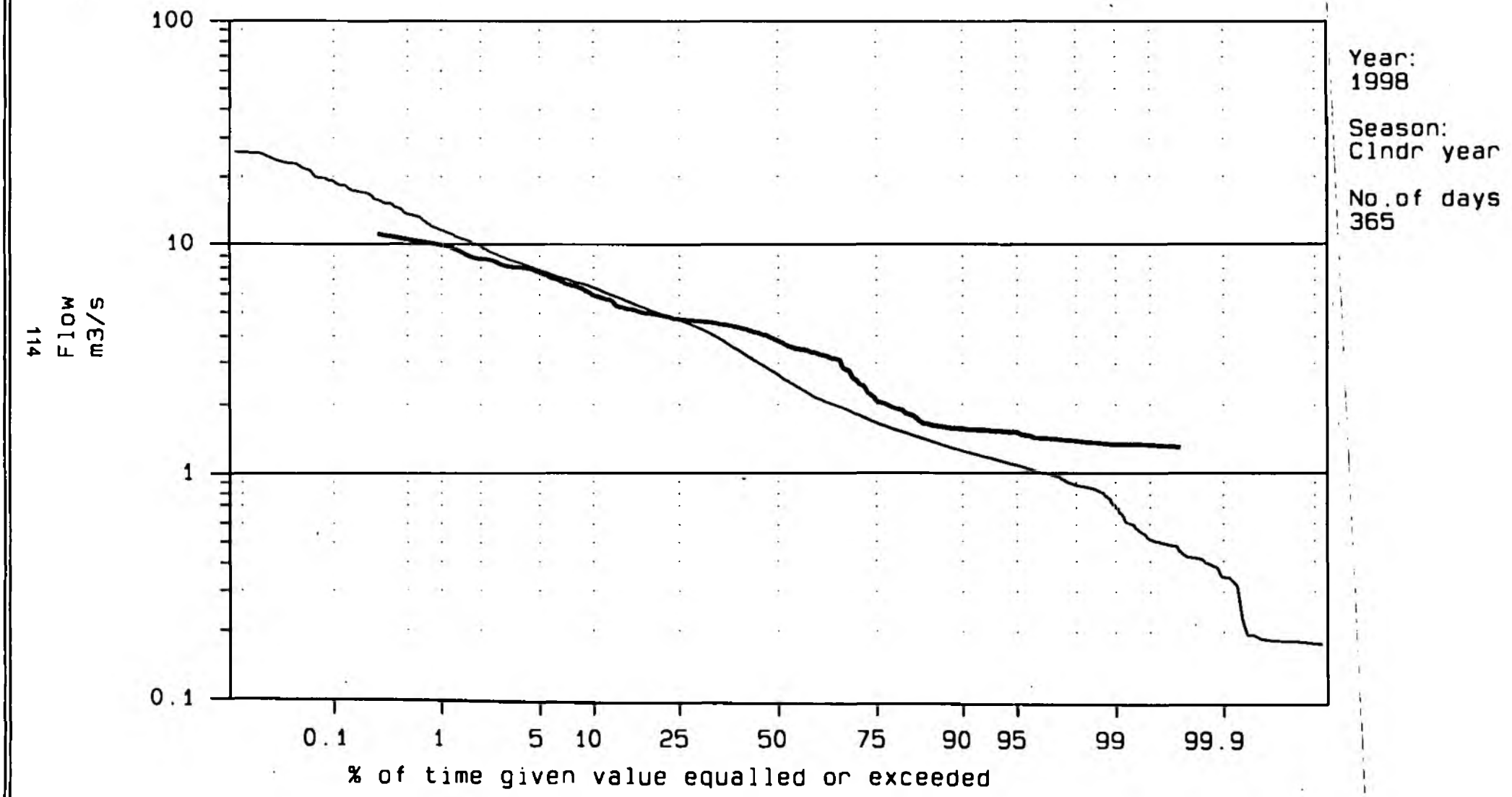
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 432130	Name: Amesbury	Locat.: River Avon

Period of Analysis : 1966 to 1998 (33 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **433110**	Station Name	: **Colesbrook**
Loc. Desc.	: **Shreen Water**	Catchment Ref.	: **43**
Report Type	: **Monthly Means**	Grid Ref.	: **ST807278**
Parameter	: **Flow**	Gauge Zero	: **0.000 MAOD**
Units	: **m3/s**	Catchment Area	: **29.100 Sq Km**
Period	: **1974 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1974	0.883	1.265	0.565	0.350	0.279	0.254	0.222	0.211	0.965	0.593	1.128	0.784	0.619		19
1975	1.319	0.680	0.911	0.593	0.392	0.319	0.277	0.254	0.294	0.205	0.287	0.304	0.486		1975
1976	0.232	0.330	0.326	0.199	0.179	0.177	0.158	0.155	0.292	0.935	0.778	1.222	0.416		1976
1977	0.963	1.370	0.988	0.544	0.780	0.492	0.384	0.562	0.305	0.330	0.569	1.075	0.694		19
1978	0.868	1.150	0.812	0.580	0.495	0.346	0.331	0.314	0.225	0.202	0.208	0.777	0.523		19
1979	0.837	0.920	1.058	0.665	0.884	0.520	0.396	0.363	0.284	0.251	0.299	1.189	0.638		1979
1980	0.739	1.002	1.000	0.689	0.404	0.355	0.286	0.253	0.236	0.471	0.462	0.565	0.537		19
1981	0.602	0.449	1.313	0.517	0.549	0.399	0.302	0.363	0.369	0.451	0.443	1.019	0.567		19
1982	0.802	0.698	1.129	0.511	0.382	0.331	0.400	0.236	0.260	0.616	1.166	1.134	0.639		1982
1983	1.054	0.690	0.594	1.124	0.661	0.421	0.575	0.551	0.311	0.273	0.269	0.622	0.595		19
1984	1.188	0.820	0.538	0.389	0.343	0.286	0.237	0.386	0.195	0.262	0.669	0.930	0.520		19
1985	0.843	0.780	0.558	0.591	0.356	0.334	0.596	0.255	0.251	0.218	0.210	1.007	0.499		1985
1986	1.045	0.507	0.539	0.584	0.518	0.403	0.334	0.350	0.252	0.356	0.919	1.158	0.582		1986
1987	0.681	0.659	0.752	0.795	0.400	0.355	0.286	0.224	0.208	0.485	0.704	0.468	0.500		19
1988	1.036	1.057	0.716	0.452	0.364	0.303	0.311	0.268	0.267	0.711	0.427	0.451	0.529		19
1989	0.442	0.681	0.760	0.659	0.431	0.365	0.312	0.228	0.221	0.231	0.296	1.061	0.473		1989
1990	0.851	1.808	0.550	0.413	0.367	0.235	0.210	0.191	0.182	0.216	0.220	0.432	0.464		19
1991	0.792	0.436	0.726	0.532	0.319	0.307	0.270	0.194	0.199	0.233	0.366	0.435	0.401		19
1992	0.377	0.421	0.328	0.435	0.232	0.202	0.220	0.284	0.444	0.375	0.969	1.082	0.447		1992
1993	1.043	0.522	0.423	0.681	0.337	0.333	0.273	0.230	0.242	0.767	0.402	1.243	0.543		19
1994	1.301	1.083	0.851	0.915	0.571	0.409	0.335	0.310	0.321	0.487	0.737	0.925	0.685		19
1995	1.397	1.229	0.921	0.537E	0.421	0.345	0.289	0.223E	0.246	0.208E	0.516	0.689	0.582	E	1995
1996	0.768	0.798	0.631	0.488	0.354	0.290	0.246	0.232E	0.197	0.201	0.522	0.338	0.420	E	1996
1997	0.263	0.864E	0.514E	0.316E	0.275E	0.246	0.194	0.223E	0.177	0.187	0.620	0.696	0.378	E	19
1998	1.108	0.423	0.532	0.548	0.362	0.480	0.330	0.254	0.259	0.909	1.021	0.890	0.595		19
Mean	0.857	0.825E	0.721E	0.564E	0.426E	0.340	0.311	0.285E	0.288	0.407E	0.568	0.820	0.533		
Min. Monthly Mean	0.232	0.330E	0.326E	0.199E	0.179E	0.177	0.158	0.155E	0.177	0.187E	0.208	0.304	0.378	E	
Year	1976	1976	1976	1976	1976	1976	1976	1976	1997	1997	1978	1975	1997		
Max. Monthly Mean	1.397	1.808E	1.313E	1.124E	0.884E	0.520	0.596	0.562E	0.965	0.935E	1.166	1.243	0.694		
Year	1995	1990	1981	1983	1979	1979	1985	1977	1974	1976	1982	1993	1977		
Highest Recorded	13.575	5.576E	4.665E	4.983E	1.558E	2.344	1.357	1.625E	16.444	12.060E	14.823	14.534	16.444		
Date	05/01/98	01/02/95	07/03/98	08/04/94	26/05/94	13/06/98	12/07/98	29/08/92	18/09/92	31/10/98	03/11/98	06/12/92	18/09/92		
Lowest Recorded	0.209	0.237E	0.160E	0.260E	0.194E	0.131	0.155	0.095E	0.134	0.079E	0.059	0.221	0.059	E	
Date	10/01/97	23/02/92	22/03/98	26/04/92	22/05/92	22/06/95	31/07/92	17/08/97	10/09/92	19/10/95	17/11/95	01/12/96	17/11/95		

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref. : **445910**
Loc. Desc. : **River Frome**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Period : **1962 - 1998**

Station Name : **East Stoke Flume**
Catchment Ref.: **44**
Grid Ref. : **SY866867**
Gauge Zero : **0.000 MAOD**
Catchment Area: **414.400 Sq Km**

Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1962	13.124	10.458	6.865	6.207	4.993	3.512	2.903	3.720	3.022	3.530	6.605	5.519	5.845		1962
1963	4.724	8.591	11.614	10.821	8.064	5.627	4.709	3.542	4.680	3.693	10.707	9.376	7.159		1963
1964	6.919	5.759	8.909	7.977	6.676	5.599	3.819	2.883	2.797	3.268	3.404	5.160	5.265		1964
1965	9.148	7.039	6.985	5.658	5.355	3.680	3.866	4.201	4.603	3.685	6.027	12.477	6.064		1965
1966	12.740	15.734	11.484	9.827	8.683	7.199	4.326	4.015	3.289	7.396	8.168	7.446	8.312		1966
1967	9.675	12.034	11.452	7.238	7.106	5.243	3.677	3.314	3.620	7.257	9.090	6.335	7.140		1967
1968	8.368	7.522	5.364	4.892	3.764	3.939	3.853	3.057	5.176	8.520	7.995	8.863	5.939		1968
1969	12.641	10.032	9.667	6.280	5.388	4.245	3.242	2.864	2.737	2.331	3.821	4.873	5.656		1969
1970	9.464	14.505	8.212	5.973	4.204	2.917	2.961	2.449	2.799	2.269	6.492	5.991	5.626		1970
1971	10.057	9.438	6.635	5.127	3.660	4.640	2.822	2.856	2.320	2.219	2.663	2.964	4.587		1971
1972	6.167	10.362	11.120	6.812	5.300	5.189	3.649	3.396	2.539	2.505	4.205	9.772	5.907		1972
1973	6.471	5.253	3.866	3.363	3.878	2.587	2.442	2.276	2.156	2.389	2.238	2.852	3.306		1973
1974	5.920	10.830	6.407	3.431	2.973	2.834	2.748	2.407	6.319	5.192	10.861	9.544	5.747		1974
1975	11.185	11.085	7.997	6.046	4.747	2.972	2.818	2.665	2.836	2.446	3.238	3.400	5.085		1975
1976	2.498	2.967	3.021	2.433	2.057	1.548	1.385	1.210	2.190	8.226	8.255	12.192	4.008		1976
1977	10.899	14.816	11.534	8.381	6.522	4.536	3.517	3.649	3.199	3.112	5.375	8.883	6.989		1977
1978	8.839	13.195	12.048	7.691	7.474	4.517	3.602	4.549	3.011	2.525	2.431	5.140	6.215		1978
1979	6.906	12.089	10.956	9.871	7.286	5.304	3.225	3.220	2.820	3.156	3.363	7.930	6.308		1979
1980	9.809	12.487	10.247	9.017	5.378	3.946	3.241	3.417	2.862	4.496	5.150	5.784	6.298		1980
1981	5.357	5.493	13.479	7.616	5.685	5.792	4.328	3.460	4.277	6.142	5.583	7.443	6.232		1981
1982	8.727	7.164	11.899	7.029	4.295	3.483	3.111	2.858	2.533	4.536	7.551	9.792	6.083		1982
1983	9.118	6.881	4.917	4.829	5.072	7.034	3.374	2.813	3.316	3.650	2.716	5.502	4.924		1983
1984	8.808	9.951	5.270	4.067	4.567	2.802	2.361	2.166M	2.298	2.888	5.323	7.804	4.951	M	1984
1985	8.383	9.913	5.947	5.778	4.691	3.159	2.652	3.541	3.387	2.770	2.705	6.493	4.924		1985
1986	12.216	6.956	4.732	4.641	4.952	5.246	3.318	2.674	2.289	2.314	6.623	10.246	5.514		1986
1987	6.694	5.187	5.735	8.786	4.761	5.871	2.486	1.980	1.974	3.221	3.767	3.247	4.463		1987
1988	7.070	12.300	6.287	4.277	3.120	2.695	3.070	2.562	2.275	3.382	2.569	2.749	4.335		1988
1989	2.481	3.488	6.538	5.096	3.668	4.586	2.040	1.552	1.562	1.776	2.405	5.551	3.394		1989
1990	6.252	16.366	6.941	3.771	2.739	2.404	2.145	1.514	1.425	1.920	2.087	2.410	4.083		1990
1991	4.760	3.584	7.292	4.939	3.842	5.771	2.982	2.258	2.672	3.237	4.109	3.226	4.056		1991
1992	2.997	3.170	2.896	4.167	3.491	2.290	1.758	2.159	2.346	2.014	3.965	9.062	3.362		1992
1993	8.861	5.492	3.608	4.994	3.107	3.139	2.269	2.038	2.975	6.515	5.332	10.256	4.885		1993
1994	14.702E	10.916	9.339	8.919	5.511	3.671E	2.498E	2.309	2.908	3.560	7.783	8.694	6.712	E	1994
1995	12.267	15.947	9.620	4.314E	2.889	2.080	1.643	1.374	2.029	2.230	3.793E	5.562E	5.250	E	1995
1996	7.721	8.078	5.655	4.490	3.452E	2.857E	2.012	1.857	1.678	2.100	4.133	3.950	3.984	E	1996
1997	2.801	4.672	5.142	3.060	2.901E	2.386E	2.031	2.484	1.880	2.185	6.471	10.279	3.855	E	1997
1998	14.203	5.413	4.846	4.896	3.407	3.193	2.688	2.165	2.293	3.564	5.539	6.179	4.871		1998

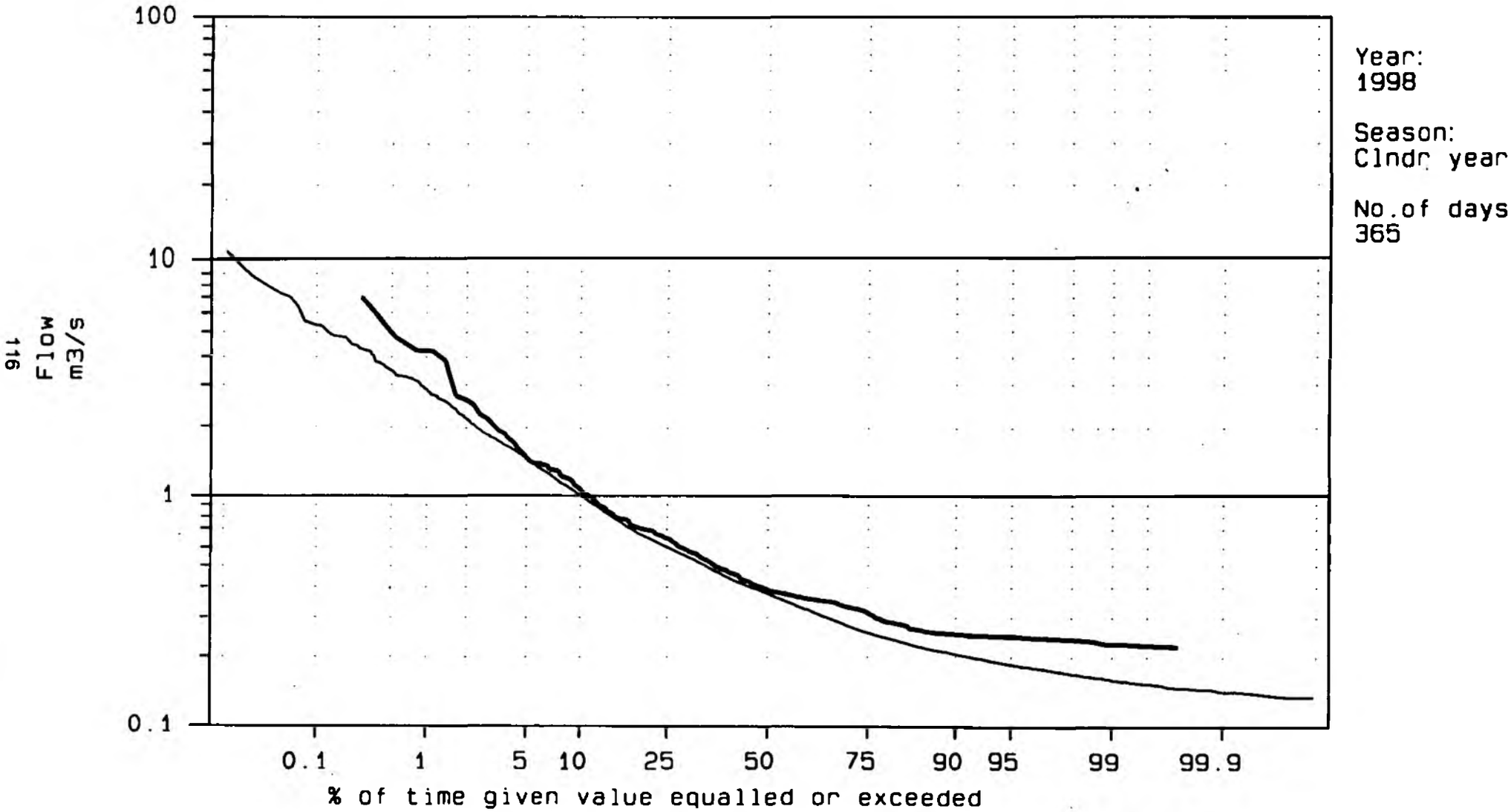
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 433110	Name: Colesbrook	Locat.: Shreen Water

Period of Analysis : 1974 to 1998 (25 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **445910**	Station Name	: **East Stoke Flume**
Loc. Desc.	: **River Frome**	Catchment Ref.	: **44**
Report Type	: **Monthly Means**	Grid Ref.	: **SY866867**
Parameter	: **Flow**	Gauge Zero	: **0.000 MAOD**
Units	: **m3/s**	Catchment Area	: **414.400 Sq Km**
Period	: **1962 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	8.351E	9.050	7.690	6.019E	4.747E	4.013E	2.961E	2.749M	2.894	3.682	5.204E	6.836E	5.334E	
Min. Monthly														
Mean	2.481E	2.967	2.896	2.433E	2.057E	1.548E	1.385E	1.210M	1.425	1.776	2.087E	2.410E	1.306E	
Year	1989	1976	1992	1976	1976	1976	1976	1976	1990	1989	1990	1990	1973	
Max. Monthly														
Mean	14.702E	16.366	13.479	10.821E	8.683E	7.199E	4.709E	4.549M	6.319	8.520	10.861E	12.477E	8.312E	E
Year	1994	1990	1981	1963	1966	1966	1963	1978	1974	1968	1974	1965	1966	
Highest														
Recorded	21.630E	19.966	16.763	16.335E	10.341E	6.301E	3.600E	9.580M	8.197	14.561	18.290E	23.659E	23.659E	
Date	06/01/94	14/02/95	02/03/95	01/04/94	26/05/94	12/06/93	12/07/98	06/08/97	13/09/93	31/10/94	28/11/97	30/12/93	30/12/93	
Lowest														
Recorded	2.362E	2.332	1.838	2.583E	2.304E	1.476E	1.309E	1.226M	1.304	1.543	1.718E	2.803E	1.226E	
Date	31/01/97	02/02/97	26/03/93	30/04/97	31/05/97	27/06/95	20/07/92	22/08/95	01/09/95	30/10/97	09/11/95	31/12/96	22/08/95	

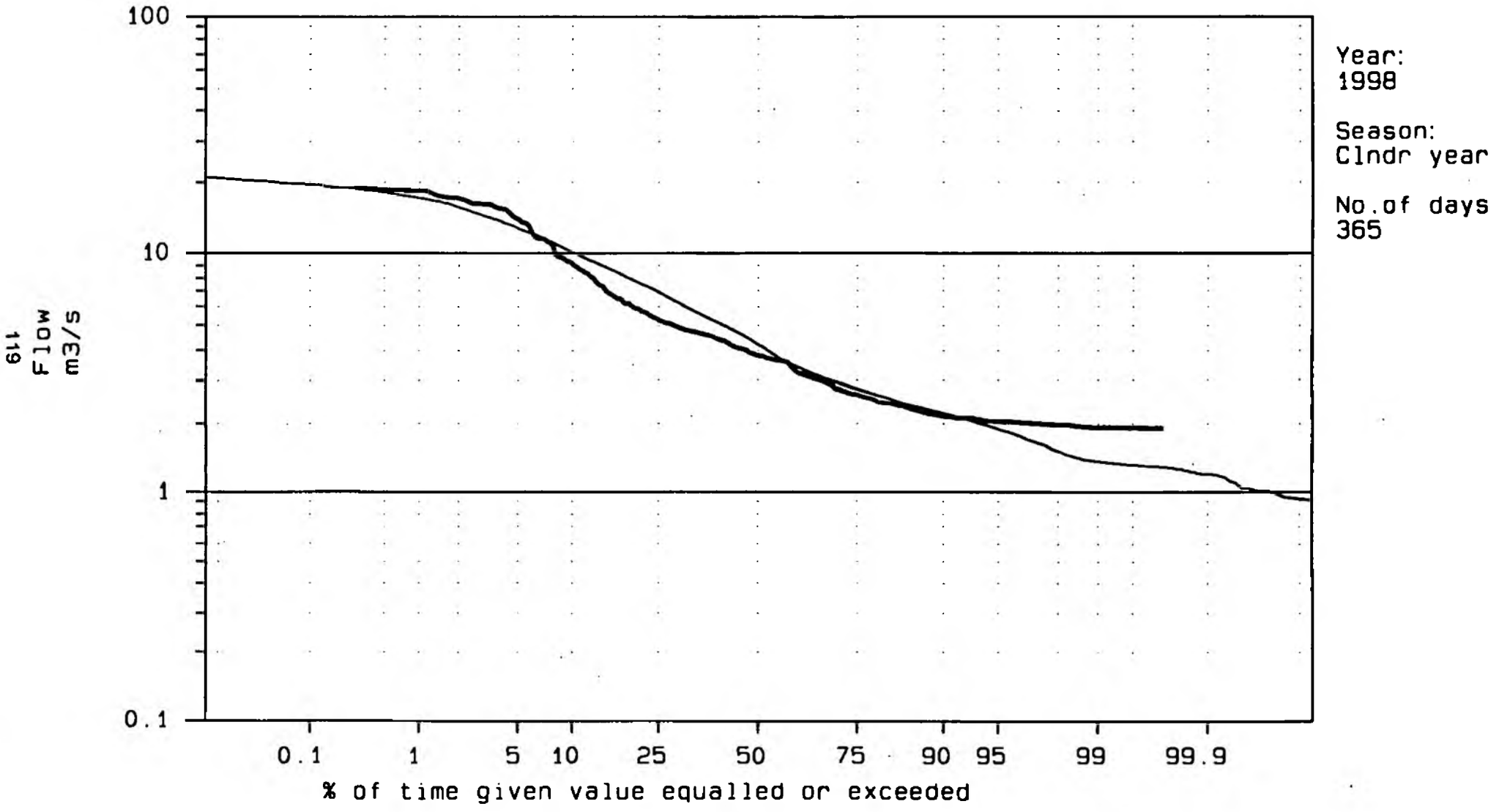
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 445910	Name: East Stoke Flume	Locat.: River Frome

Period of Analysis : 1962 to 1998 (36 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **445920**
Loc. Desc. : **River Frome**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **East Stoke Weir**
Catchment Ref.: **44**
Grid Ref. : **SY873867**
Gauge Zero : **0.000 MAOD**
Catchment Area: **414.400 Sq Km**

Period : **1966 - 1998**

Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1966	1.823	1.916	1.508	1.226	0.869	0.326	0.148	0.122	0.058	0.563	0.640	0.656	0.815		1966
1967	0.924	1.253	1.273	0.761	0.649	0.316	0.236	0.379	0.378	1.179	1.888	1.464	0.889		1967
1968	1.985	2.010	1.575	0.432	1.098	0.968	0.991	0.783	0.237	0.957	1.226	1.293	1.129		1968
1969	1.451	1.445	1.233	1.224	1.460	1.186	0.913	0.624	0.430	0.434	1.008	1.052	1.036		1969
1970	1.871	1.787	1.513	0.850	1.068	0.671	0.528	0.562	0.609	0.438	1.400	1.076	1.027		1970
1971	1.159	1.034	1.121	1.130	0.761	0.920	0.282	0.266	0.164	0.375	0.408	0.446	0.669		1971
1972	0.880	0.997	1.371	1.323	1.588	0.795	0.241	0.230	0.355	0.385	0.637	1.736	0.879		1972
1973	1.552	1.225	1.109	1.108	0.981	0.310	0.240	0.146	0.106	0.255	0.127	0.486	0.635		1973
1974	1.243	2.299	2.268	1.639	1.308	0.813	0.356	0.312	0.939	0.892	1.472	1.496	1.245		1974
1975	1.348	1.100	1.243	1.295	0.765	0.555	0.372	0.234	0.377	0.285	0.255	0.363	0.680		1975
1976	0.373	0.433	0.683	0.469	0.377	0.146	0.071	0.045	0.384	1.359	1.544	1.048	0.578		1976
1977	1.427	1.273	1.874	1.368	0.468	0.648	0.237	0.163	0.329	0.320	0.111	0.898	0.757		1977
1978	1.228	1.438	1.850	2.009	0.461	0.640	0.837	0.400	0.327	0.496	0.407	1.422	0.957		1978
1979	2.059	1.492	0.853	0.839	1.024	2.340	1.389	1.109	0.565	0.569	0.818	1.267	1.192		1979
1980	1.429	1.336	1.006	1.007	0.645	1.271	0.789	0.463	0.607	1.211	1.665	1.943	1.113		1980
1981	1.643	1.122	2.273	2.222	2.127	1.448	0.846	0.556	0.441	0.842	0.936	1.733	1.352		1981
1982	2.610	2.257	2.173	1.545	1.128	0.507	0.277	0.169	0.161	0.868	1.741	2.951	1.362		1982
1983	2.608	2.451	1.840	1.880	1.567	0.878	0.437	0.152	0.153	0.437	0.886	0.706	1.158		1983
1984	2.053	2.052	2.007	1.338	1.021	0.659	0.165	0.255	0.198	0.383	1.191	1.661	1.079		1984
1985	2.561	1.424	2.029	2.120	1.438	0.961	0.421	0.489	0.265	0.484	0.700	2.112	1.251		1985
1986	3.538	2.682	2.208	2.113	1.955	1.378	0.955	1.518	0.295	0.648	2.107	2.960	1.861		1986
1987	3.087	2.550	2.296	2.902	1.267	1.069	0.838	0.231	0.291	0.880	1.548	1.502	1.531		1987
1988	2.845	3.143	2.909	2.162	1.577	0.684	0.540	0.329	0.358	0.529	0.410	0.752	1.348		1988
1989	0.771	1.271	2.413	1.889	1.072	0.477	0.179	0.148	0.174	0.284	0.642	1.643	0.912		1989
1990	2.253	3.262	2.431	1.579	0.729	0.261	0.169	0.131	0.097	0.226	0.336	0.483	0.983		1990
1991	1.571	1.262	2.212	1.856	0.920	0.452	0.491	0.266	0.571	0.808	1.208	1.003	1.050		1991
1992	0.993	1.244	0.991	1.111	0.730	0.268	0.165	0.152	0.293	0.294	1.318	2.932	0.874		1992
1993	3.048	2.346	1.267	1.450	1.009	0.872	0.471	0.244	0.541	1.766	1.456	2.862	1.441		1993
1994	3.910	2.907	1.455	0.970	1.453	0.770	0.390E	0.318	0.369	0.569	2.131	0.892E	1.335	E	1994
1995	2.617E	4.090	2.477	2.322	1.392	0.800	0.490	0.207E	0.473E	0.543	0.936	1.254	1.449	E	1995
1996	1.802	2.791	2.844	1.882	1.512E	1.161E	0.597E	0.431	0.272E	0.544	1.386	1.709	1.406	E	1996
1997	1.018	2.188	2.485	1.268E	1.117	0.486E	0.268E	0.502E	0.274	0.458	1.315	1.179	1.039	E	1997
1998	3.220	2.331	1.936	2.102	1.761	1.447	0.995	0.415	0.328	1.041	2.227	2.897	1.722		1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **445920**	Station Name	: **East Stoke Weir**
Loc. Desc.	: **River Frome**	Catchment Ref.	: **44**
Report Type	: **Monthly Means**	Grid Ref.	: **SY873867**
Parameter	: **Flow**	Gauge Zero	: **0.000 MAOD**
Units	: **m3/s**	Catchment Area	: **414.400 Sq Km**
Period	: **1966 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Year Code
Mean	1.906E	1.890	1.780	1.497E	1.130E	0.803E	0.495E	0.374E	0.346E	0.646	1.093	1.451E	1.114E	
Min. Monthly														
Mean	0.373E	0.433	0.683	0.432E	0.377E	0.146E	0.071E	0.045E	0.058E	0.226	0.111	0.363E	0.578E	
Year	1976	1976	1976	1968	1976	1976	1976	1976	1966	1990	1977	1975	1976	
Max. Monthly														
Mean	3.910E	4.090	2.909	2.902E	2.127E	2.340E	1.389E	1.518E	0.939E	1.766	2.227	2.960E	1.861E	
Year	1994	1995	1988	1987	1981	1979	1979	1986	1974	1993	1998	1986	1986	
Highest														
Recorded	5.973E	5.652	4.957	3.943E	3.250E	3.644E	1.820E	1.965E	2.958E	5.248	5.825	6.149E	6.149E	E
Date	27/01/95	14/02/95	04/03/97	01/04/87	18/05/86	05/06/83	20/07/87	06/08/97	30/09/91	31/10/94	10/11/94	30/12/93	30/12/93	
Lowest														
Recorded	0.038E	0.122	0.116	0.158E	0.122E	0.077E	0.055E	0.035E	0.027E	0.158	0.304	0.600E	0.027E	
Date	15/01/92	27/02/92	28/03/96	14/04/97	03/05/94	22/06/93	14/07/92	26/08/93	14/09/92	02/10/97	04/11/97	20/12/94	14/09/92	

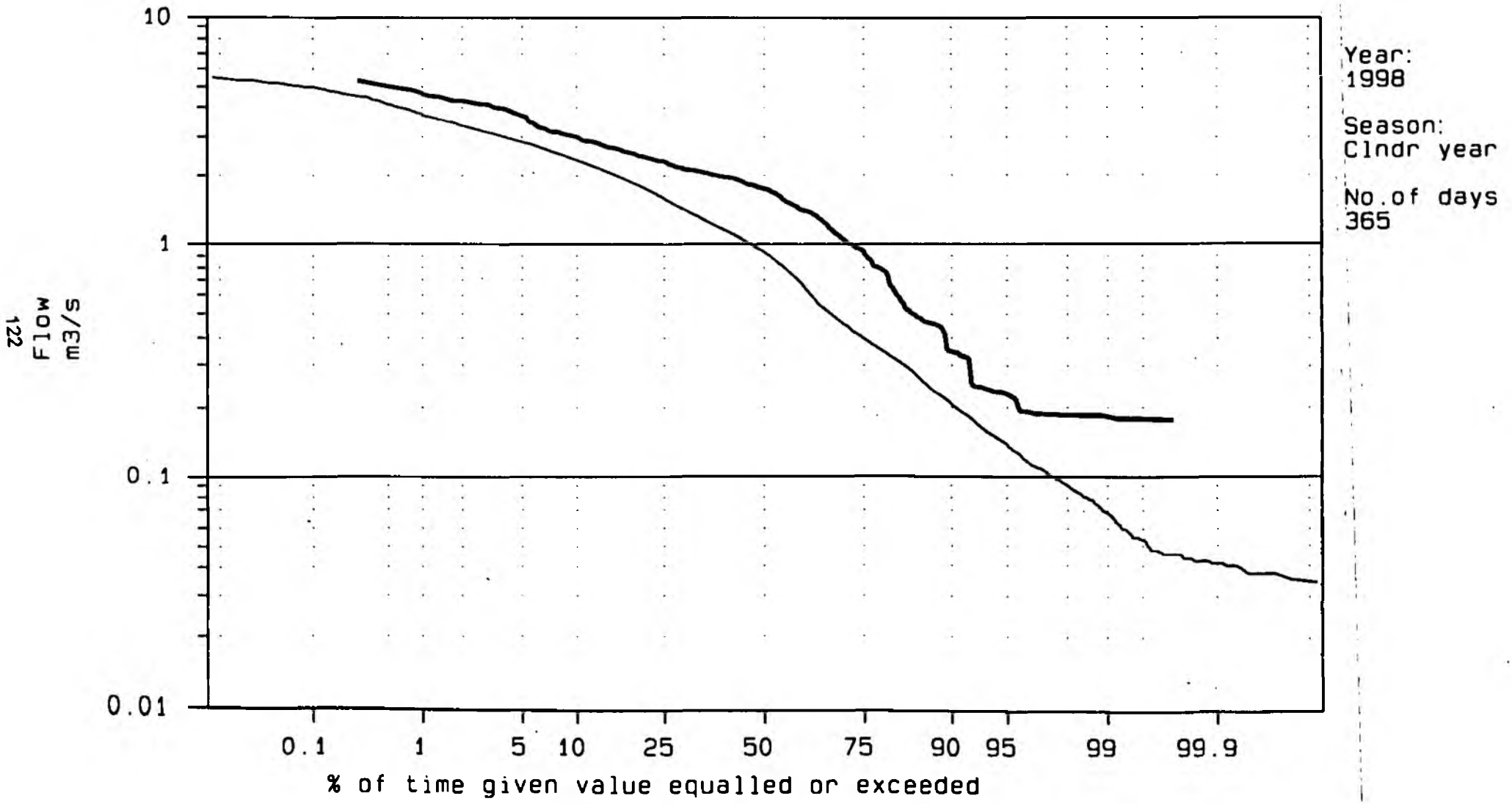
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 445920	Name: East Stoke Weir	Locat.: River Frome

Period of Analysis : 1966 to 1998 (33 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **432820**
Loc. Desc. : **River Avon**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Knapp Mill**
Catchment Ref.: **43**
Grid Ref. : **SZ156943**
Gauge Zero : **0.000 MAOD**
Catchment Area: **0.000 Sq Km**

Period : **1975 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1975	38.403	44.314	31.926	24.405	17.351	11.260	8.344	7.257	8.840	8.105	8.394	9.445	18.010		19
1976	7.464	8.219	8.810	6.078	5.595	4.003	2.865	2.696	5.314	15.137	18.500	37.065	10.174		1976
1977	41.258	48.482	47.103	29.040	20.187	18.233	12.173	13.048	11.567	11.984	20.439	31.524	25.292		1977
1978	33.161	42.393	39.129	27.917	24.048	15.850	12.419	13.935	9.067	7.774	8.510	19.291	21.013		19
1979	27.758	37.768	37.452	37.100	26.677	22.833	15.646	12.756	9.090	8.955	10.090	22.450	22.283		1979
1980	29.481	37.803	34.368	34.900	18.403	14.467	11.218	9.363	8.658	13.363	13.900	16.919	20.166		1980
1981	17.548	16.946	37.435	31.767	24.970	16.183	13.219	10.864	12.435	16.516	16.200	27.716	20.187		19
1982	41.825	32.455	42.366	29.711	17.451	12.703	11.614	9.000	8.312	18.451	27.412	42.653	24.485		19
1983	41.100	32.535	23.079	21.972	22.571	20.430	13.082	9.405	9.591	10.892	9.262	15.658	19.063		1983
1984	29.322	40.634	26.224	19.797	15.681	11.465	7.625	6.644	7.030	9.000	16.427	25.863	17.916		19
1985	34.484	38.958	26.358	22.911	17.458	14.160	9.484	11.797	9.560	8.940	9.021	20.211	18.496		19
1986	38.798	36.288	22.417	21.293	20.172	15.422	11.501	11.243	10.708	9.674	21.257	38.625	21.375		1986
1987	36.852	24.842	26.341	37.434	21.740	14.984	11.120	8.198	7.605	12.638	18.105	16.926	19.692		1987
1988	M	M	M	M	M	M	M	M	M	M	M	M		M	19
1989	13.403	18.264	31.065	29.073	18.926	12.160	8.437	6.465	5.771	7.764	10.977	22.659	15.400		1989
1990	28.889	59.823	33.787	20.284	M	M	6.583	5.307	5.544	M	M	M	22.460	M	1990
1991	24.358	19.362	24.930	23.058	M	12.996	M	M	7.235	8.834	11.590	10.727	15.893	M	19
1992	10.714	12.329	11.927	15.699	10.904	7.892	9.018	7.946	11.337	11.864	21.359	49.486	15.065		19
1993	46.802	30.658	18.944	25.502	17.475	14.293	10.352	8.154	9.754	27.594	20.580	35.292	22.097		1993
1994	53.968	49.295	34.331	39.328M	23.216M	14.792U	9.380	8.339	9.765	10.620E	22.862	31.137	24.412	M	19
1995	45.151	58.114?	48.275?	26.271	15.952	10.859	7.647	5.570	8.494	8.458E	13.314	20.546M	22.178	M	19
1996	33.502E	32.098	27.273	21.462	15.881	10.692	7.972E	7.681	6.231M	7.093E	13.667	12.586	16.295	M	1996
1997	10.384E	19.526	22.042	13.698	10.257	9.205	7.434E	7.135E	6.290	6.672	15.330	22.258	12.477	E	1997
1998	43.035	26.990	21.688	23.733M	18.252	16.112	11.353E	7.638	8.326E	13.519	31.064	28.430M	20.768	M	19
Mean	31.637M	33.340M	29.447M	24.800M	18.256M	13.682M	9.931M	8.656M	8.544M	11.538M	16.285M	25.335M	19.319M		
Min. Monthly Mean	7.464M	8.219M	8.810M	6.078M	5.595M	4.003M	2.865M	2.696M	5.314M	6.672M	8.394M	9.445M	10.174M		
Year	1976	1976	1976	1976	1976	1976	1976	1976	1976	1997	1975	1975	1976		
Max. Monthly Mean	53.968M	59.823M	48.275M	39.328M	26.677M	22.833M	15.646M	13.935M	12.435M	27.594M	31.064M	49.486M	25.292M	M	
Year	1994	1990	1995	1994	1979	1979	1979	1978	1981	1993	1998	1992	1977		
Highest Recorded	59.930M	64.760M	57.280M	49.450M	32.100M	22.750M	99.990M	14.820M	27.140M	48.020M	42.770M	55.690M	99.990M	M	
Date	31/01/95	01/02/95	03/03/95	02/04/93	17/05/94	16/06/93	31/07/92	31/08/92	26/09/92	13/10/93	26/11/92	18/12/92	31/07/92		
Lowest Recorded	0.000M	8.770M	16.590M	5.640M	7.090M	6.850M	5.170M	4.440M	4.500M	3.710M	4.530M	10.140M	0.000M		
Date	01/01/95	02/02/97	31/03/97	22/04/97	30/05/97	01/06/97	28/07/97	21/08/95	30/09/97	04/10/96	05/11/97	31/12/96	01/01/95		

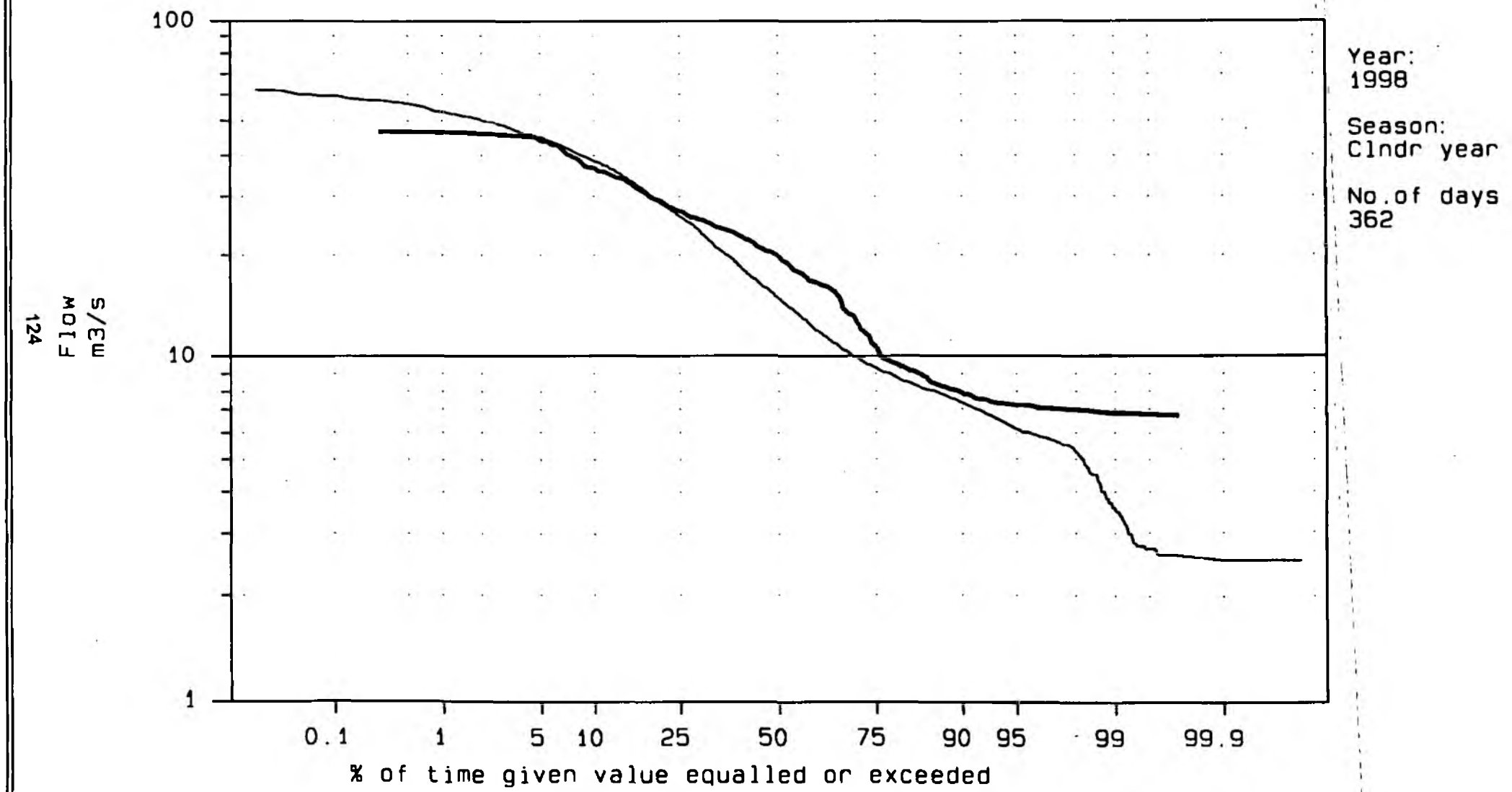
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 432820	Name: Knapp Mill	Locat.: River Avon

Period of Analysis : 1975 to 1997 (19 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 445410	Station Name	: Sydling St Nicholas
Loc. Desc.	: Sydling Water	Catchment Ref.	: 44
Report Type	: Monthly Means	Grid Ref.	: SY632997
Parameter	: Flow	Gauge Zero	: 0.000 MAOD
Units	: m3/s	Catchment Area	: 12.400 Sq Km
Period	: 1970 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1970	0.339	0.454	0.298	0.206	0.165	0.123	0.096	0.081	0.072	0.061	0.189	0.161	0.185		19
1971	0.321	0.378	0.328	0.182	0.135	0.126	0.115	0.094	0.078	0.068	0.063	0.073	0.162		1971
1972	0.210	0.324	0.400	0.225	0.176	0.151	0.123	0.115	0.095	0.084	0.116	0.378	0.200		19
1973	0.237	0.188	0.144	0.115	0.102	0.087	0.076	0.067	0.057	0.053	0.048	0.063	0.103		19
1974	0.255	0.499	0.282	0.175	0.130	0.105	0.089	0.085	0.211	0.204	0.329	0.324	0.222		1974
1975	0.397	0.399	0.273	0.208	0.161	0.120	0.096	0.078	0.071	0.060	0.059	0.078	0.165		1975
1976	0.060	0.070	0.092	0.087	0.069	0.060	0.051	0.045	0.052	0.318	0.255	0.361	0.127		19
1977	0.360	0.462	0.426	0.299	0.215	0.161	0.120	0.099	0.089	0.081	0.127	0.261	0.224		19
1978	0.255	0.396	0.419	0.323	0.244	0.159	0.129	0.117	0.095	0.081	0.070	0.164	0.203		1978
1979	0.282	0.371	0.371	0.350	0.236	0.283	0.155	0.121	0.094	0.083	0.087	0.274	0.225		19
1980	0.329	0.389	0.333	0.314	0.178	0.135	0.110	0.091	0.083	0.133	0.176	0.188	0.204		19
1981	0.159	0.150	0.425	0.284	0.213	0.231	0.153	0.113	0.104	0.187	0.163	0.261	0.204		1981
1982	0.311	0.260	0.382	0.249	0.161	0.120	0.095	0.078	0.069	0.139	0.277	0.346	0.207		1982
1983	0.327	0.273	0.176	0.178	0.187	0.156	0.125	0.102	0.090	0.088	0.076	0.141	0.159		19
1984	0.281	0.328	0.200	0.158	0.124	0.102	0.083	0.068	0.063	0.065	0.204	0.308	0.165		1984
1985	0.307	0.329	0.206	0.253	0.167	0.127	0.104	0.095	0.098	0.084	0.074	0.243	0.173		1985
1986	0.422	0.326	0.189	0.211	0.242	0.197	0.137	0.112	0.095	0.087	0.293	0.386	0.224		19
1987	0.312	0.237	0.250	0.356	0.210	0.155	0.120	0.098	0.083	0.106	0.161	0.133	0.185		19
1988	0.293	0.471	0.284	0.216	0.163	0.121	0.103	0.084	0.082	0.101	0.086	0.099	0.174		1988
1989	0.084	0.129	0.302	0.222	0.157	0.118	0.090	0.078	0.066	0.061	0.073	0.183	0.130		19
1990	0.226	0.599	0.322	0.184	0.126	0.101	0.084	0.073	0.065	0.061	0.056	0.057	0.160		19
1991	0.194	0.128	0.278	0.206	0.155	0.126	0.114	0.092	0.079	0.102	0.138	0.105	0.143		1991
1992	0.102	0.114	0.105	0.142	0.119	0.090	0.080	0.071	0.071	0.071	0.132	0.414	0.126		1992
1993	0.375	0.278	0.182	0.239	0.153	0.132	0.116	0.091	0.096	0.227	0.164	0.318	0.197		19
1994	0.514	0.384	0.326	0.326	0.197	0.152E	0.122	0.099	0.088	0.089	0.286	0.264	0.236	E	19
1995	0.422	0.621	0.416	0.215	0.146E	0.111	0.092	0.076E	0.081E	0.092	0.159	0.270	0.223	E	1995
1996	0.366	0.370	0.285	0.223	0.169	0.143	0.115	0.097	0.081	0.078	0.189	0.205	0.193		19
1997	0.118	0.234	0.267	0.162	0.127	0.106	0.080	0.078	0.066	0.071	0.208	0.332	0.154		19
1998	0.576	0.291	0.247	0.246	0.211	0.158	0.126E	0.099E	0.094	0.159	0.327	0.290	0.235	E	1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **445410**	Station Name	: **Sydling St Nicholas**
Loc. Desc.	: **Sydling Water**	Catchment Ref.	: **44**
Report Type	: **Monthly Means**	Grid Ref.	: **SY632997**
Parameter	: **Flow**	Gauge Zero	: **0.000 MAOD**
Units	: **m3/s**	Catchment Area	: **12.400 Sq Km**
Period	: **1970 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	0.291	0.326	0.283	0.226	0.167E	0.136E	0.107E	0.090E	0.085E	0.107	0.158	0.230	0.183	
Min. Monthly														
Mean	0.060	0.070	0.092	0.087	0.069E	0.060E	0.051E	0.045E	0.052E	0.053	0.048	0.057	0.103	
Year	1976	1976	1976	1976	1976	1976	1976	1976	1976	1973	1973	1990	1973	
Max. Monthly														
Mean	0.576	0.621	0.426	0.356	0.244E	0.283E	0.155E	0.121E	0.211E	0.318	0.329	0.414	0.236	E
Year	1998	1995	1977	1987	1978	1979	1979	1979	1974	1976	1974	1992	1994	
Highest														
Recorded	1.304	0.959	0.721	0.470	0.282E	0.305E	0.177E	0.215E	0.292E	0.521	0.790	0.790	1.304	
Date	05/01/98	14/02/95	02/03/95	08/04/94	01/05/98	19/06/96	18/07/93	05/08/97	06/09/95	24/10/98	27/11/97	06/12/92	05/01/98	
Lowest														
Recorded	0.090	0.087	0.092	0.106	0.100E	0.079E	0.073E	0.055E	0.057E	0.059	0.065	0.135	0.055	
Date	07/01/92	10/02/92	24/03/92	01/04/92	31/05/92	28/06/92	30/07/92	16/08/95	19/09/95	26/10/92	03/11/97	30/12/96	16/08/95	

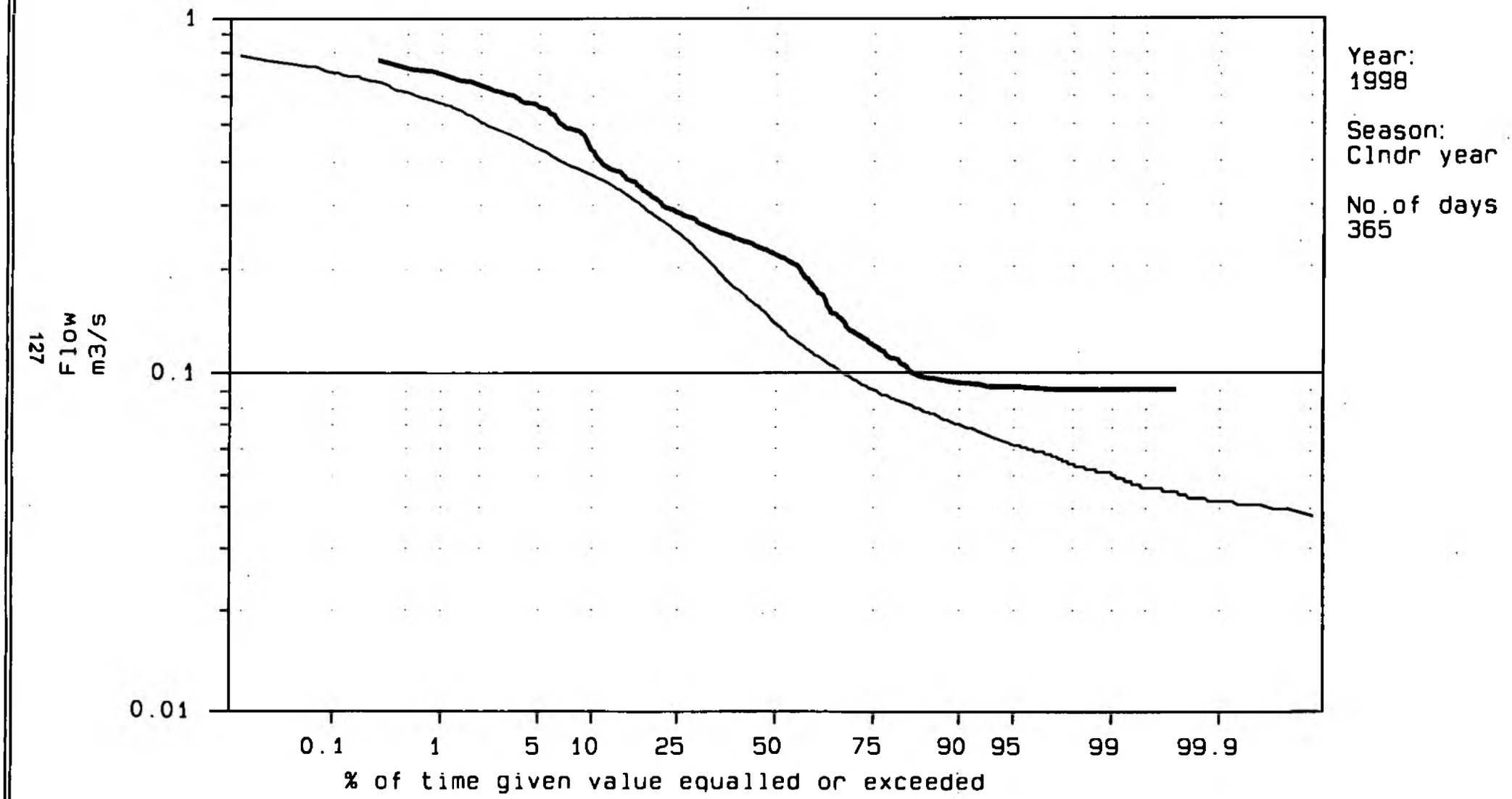
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 445410	Name: Sydling St Nicholas	Locat.: Sydling Water

Period of Analysis : 1970 to 1998 (29 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **433710**
Loc. Desc. : **River Stour**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Throop**
Catchment Ref.: **43**
Grid Ref. : **SZ113958**
Gauge Zero : **0.000 MAOD**
Catchment Area: **1073.000 Sq Km**

Period : **1973 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1973	16.001	12.239	7.548	5.529	5.529	3.762	3.544	3.577	2.456	2.717	2.822	8.202	6.138		1973
1974	26.615	42.197	17.434	7.453	5.507	4.138	3.526	3.228	20.340	14.554	36.732	24.685	16.996		1974
1975	33.727	22.229	21.390	14.151	7.291	4.563	3.357	3.180	4.040	3.655	5.145	6.384	10.707		1975
1976	4.320	6.828	8.447	4.484	3.158	2.231	1.614	1.359	3.447	29.775	20.628	40.274	10.599		1976
1977	35.154	41.034	30.790	14.528	12.267	8.541	5.915	6.702	5.911	5.987	13.285	29.825	17.377		1977
1978	27.564	40.939	29.021	17.494	15.289	6.576	4.953	8.996	4.060	3.590	3.512	21.222	15.137		1978
1979	25.324	31.104	32.622	22.658	18.899	16.939	6.140	5.683	4.523	4.454	5.619	28.130	16.772		1979
1980	19.871	31.131	25.937	19.293	8.285	6.991	5.094	4.473	4.280	10.378	12.306	14.775	13.503		1980
1981	13.622	10.541	32.457	14.784	13.397	8.972	5.417	4.140	5.721	13.287	12.104	31.405	13.885		1981
1982	24.874	18.880	31.122	13.674	6.677	4.993	7.932	4.695	4.125	19.503	33.368	33.439	16.956		1982
1983	24.977	18.571	11.062	16.668	15.036	10.593	4.892	3.599	3.912	5.024	4.500	15.815	11.186		1983
1984	32.191	25.064	15.059	9.613	6.260	4.491	2.779	2.554	2.413	4.066	14.402	21.080	11.634		1984
1985	23.346	24.440	14.824	15.956	7.312	5.471	3.783	4.991	4.464	3.723	3.928	22.283	11.143		1985
1986	38.728	17.469	12.059	15.734	13.523	7.338	5.556	5.652	4.776	6.788	26.536	36.664	15.914		1986
1987	22.184	17.934	22.148	27.064	9.548	6.236	4.428	3.248	3.121	8.335	16.062	10.315	12.502		1987
1988	28.804	38.656	20.742	11.352	7.309	4.686	4.250	3.441	4.288	10.083	5.504	8.315	12.205		1988
1989	7.689	16.136	22.289	17.082	8.162	4.576	3.272	2.596	2.551	3.255	6.397	29.834	10.301		1989
1990	26.350	69.368	18.695	9.343	5.525	4.220	2.459	1.898	1.892	3.289	4.063	7.732	12.527		1990
1991	23.776	11.538	23.214	14.553	8.123	6.003	5.660	3.784	3.361	5.500	12.120	9.920	10.639		1991
1992	9.264	10.408	7.739	12.218	6.414	4.103	3.750	3.657	8.190	5.805	21.181	42.944	11.310		1992
1993	35.439	15.265	8.487	18.276	8.063	7.471	4.513	3.497	5.777	31.730	13.098	37.844	15.843		1993
1994	50.480	36.690	21.884	23.855	11.251	6.617	3.782	3.382	4.367	6.362	30.251	29.145	18.890		1994
1995	48.054	54.174	27.985	10.781E	6.483	4.057	2.522	1.796	3.899	4.712	15.321E	22.315E	16.626	E	1995
1996	26.718	27.575	19.529	13.554	8.324	5.119	3.419	3.052	2.633	3.223	13.740	11.941	11.512		1996
1997	7.127	21.538	15.904	6.731	4.846	4.121	3.146	4.755	3.273	4.178	22.823	25.436	10.243		1997
1998	49.064	14.286	13.528	17.979	8.755	7.652	5.599	3.504	4.306	13.009	26.545	23.923	15.708		1998
Mean	26.202	25.987	19.689	14.416E	8.894	6.171	4.281	3.901	4.697	8.730	14.692E	22.840E	13.316E		
Min. Monthly Mean	4.320	6.828	7.548	4.484E	3.158	2.231	1.614	1.359	1.892	2.717	2.822E	6.384E	6.138E		
Year	1976	1976	1973	1976	1976	1976	1976	1976	1990	1973	1973	1975	1973		
Max. Monthly Mean	50.480	69.368	32.622	27.064E	18.899	16.939	7.932	8.996	20.340	31.730	36.732E	42.944E	18.890E		
Year	1994	1990	1979	1987	1979	1979	1982	1978	1974	1993	1974	1992	1994		
Highest Recorded	129.199	94.521	66.890	76.255E	23.160	21.741	11.011	20.845	26.222	128.725	141.186E	126.822E	141.186E		
Date	06/01/98	03/02/95	04/03/95	02/04/94	27/05/94	18/06/93	01/07/98	08/08/97	24/09/92	14/10/93	10/11/94	19/12/92	10/11/94		
Lowest Recorded	5.939	5.894	5.714	4.733E	3.102	1.757	1.943	1.329	1.587	2.279	3.077E	6.494E	1.329E		
Date	27/01/97	08/02/92	27/03/92	30/04/97	31/05/97	22/06/92	24/07/95	21/08/96	03/09/96	06/10/96	10/11/95	31/12/96	21/08/96		

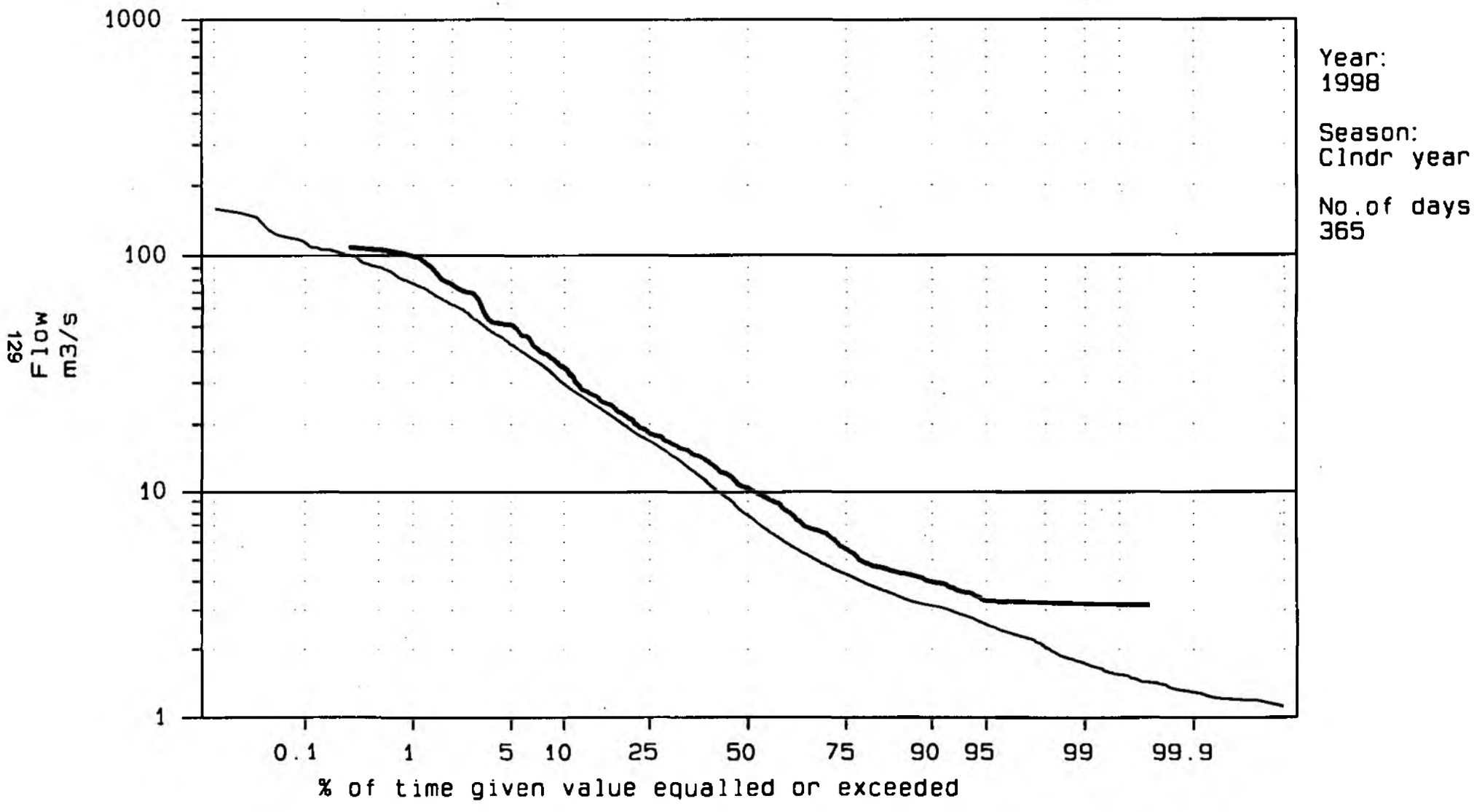
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 433710	Name: Throop	Locat.: River Stour

Period of Analysis : 1973 to 1998 (26 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **530180**
Loc. Desc. : **Avon**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Bathford**
Catchment Ref.: **53**
Grid Ref. : **ST78556702**
Gauge Zero : **18.000 MAOD**
Catchment Area: **1522.000 Sq Km**

Period : **1969 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1969	M	M	M	M	M	M	M	M	M	M	M	19.262	19.262	M	1969
1970	33.084	33.279	30.087	14.297	10.260	5.964	4.332	3.656	6.339	4.394	32.920	20.239	15.612		1970
1971	45.300	33.791	18.935	20.778	11.887	30.111	7.931	6.663	4.825	13.264	16.298	18.469	18.911		1971
1972	31.858	39.047	28.740	19.126	12.511	9.520	6.527	5.018	3.885	4.213	10.393	44.752	17.930		1972
1973	15.262	15.802	10.076	9.877	11.881	8.155	9.956	9.118	5.507	7.340	8.436	13.165	10.363		1973
1974	26.845	60.758	18.606	9.920	7.213	6.384	5.606	5.505	25.448	18.123	33.116	26.574	20.885		1974
1975	41.140	26.706	29.215	17.920	10.074	6.401	6.010	4.375	5.589	4.918	6.199	12.114	14.176		1975
1976	9.226	11.371	12.130	7.719	5.048	3.897	2.410	1.715	7.889	28.179	22.840	48.271	13.433		1976
1977	39.510	64.728	31.493	15.287	13.410	15.322	6.826	10.598	6.432	6.591	24.743	34.260	22.163		1977
1978	39.313	34.615	27.359	19.299	15.403	7.378	6.732	9.658	3.750	3.115	4.406	21.995	16.014		1978
1979	25.028	39.632	46.904	22.694	25.866	14.949	6.779	7.547	4.798	5.234	9.138	29.312	20.586		1979
1980	25.909	34.980	33.007	19.588	8.039	7.235	5.367	4.233	4.389	15.825	19.402	18.462	16.309		1980
1981	16.380	14.228	54.225	17.472	16.772	11.975	5.904	4.504	6.942	22.376	17.953	40.086	19.168		1981
1982	38.662	22.376	47.945	14.466	7.295	7.083	6.164	4.286	4.734	13.777	35.061	43.668	20.500		1982
1983	35.743	21.840	16.196	22.436	31.024	13.682	6.541	4.531	6.903	10.606	8.821	24.399	16.896		1983
1984	51.275	29.243	15.081	9.870	7.351	5.446	3.413	3.080	4.546	7.526	34.632	33.487	17.050		1984
1985	32.352	31.254	16.830	21.883	9.117	11.322	6.222	13.828	7.499	7.561	6.279	42.891	17.198		1985
1986	47.762	21.018	15.703	21.881	18.646	7.394	4.079	5.558	4.921	7.372	39.812	39.144	19.439		1986
1987	22.082	18.688	24.819	26.517	8.201	6.991	3.624	2.586	3.320	13.964	27.746	13.884	14.314		1987
1988	42.038	43.121	20.651	11.004	6.293	4.608	7.279	3.725	9.945	22.943	9.738	12.660	16.100		1988
1989	12.650	26.543	32.610	21.162	7.968	4.783	3.755	3.000	3.158	4.982	13.062	45.090	14.849		1989
1990	34.193	67.118	15.740	9.588	5.321	4.780	3.474	3.224	2.699	4.032	6.156	10.638	13.565		1990
1991	34.720	14.776	27.146	13.856	6.481	6.432	4.713	2.730	2.777	5.011	16.706	10.179M	12.129	M	1991
1992	12.326E	12.173	7.800	12.769	4.976	2.979	3.591	6.432	16.514	12.872	54.887	59.908	17.247	E	1992
1993	55.435	14.068	7.243	20.439	7.479	8.336	4.641	3.266	4.527	29.477	17.210	59.227	19.403		1993
1994	73.827	46.417	26.117	33.431	12.998	7.204	3.387	3.120	4.907	9.890	30.698	53.041	25.318		1994
1995	81.986	72.932E	34.336E	10.651	8.102	5.356E	3.925	2.886E	7.300E	6.693E	19.399	42.944E	24.467	E	1995
1996	37.759	34.436	26.073	17.714	9.742	5.083	3.356?	2.637?	1.400?	3.252?	20.998	15.301	14.744	?	1996
1997	5.652	36.031	15.604	4.925E	5.731	4.347?	3.345E	5.048	5.585	6.462	24.293	41.959E	13.099	?	1997
1998	63.930	14.117	28.511E	41.933	13.636	17.282E	9.576	4.754	6.491	30.643	52.248E	41.249	27.110	E	1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **530180**	Station Name	: **Bathford**
Loc. Desc.	: **Avon**	Catchment Ref.	: **53**
Report Type	: **Monthly Means**	Grid Ref.	: **ST78556702**
Parameter	: **Flow**	Gauge Zero	: **18.000 MAOD**
Units	: **m3/s**	Catchment Area	: **1522.000 Sq Km**
Period	: **1969 - 1998**	Start of Day	: **09:00 GMT**

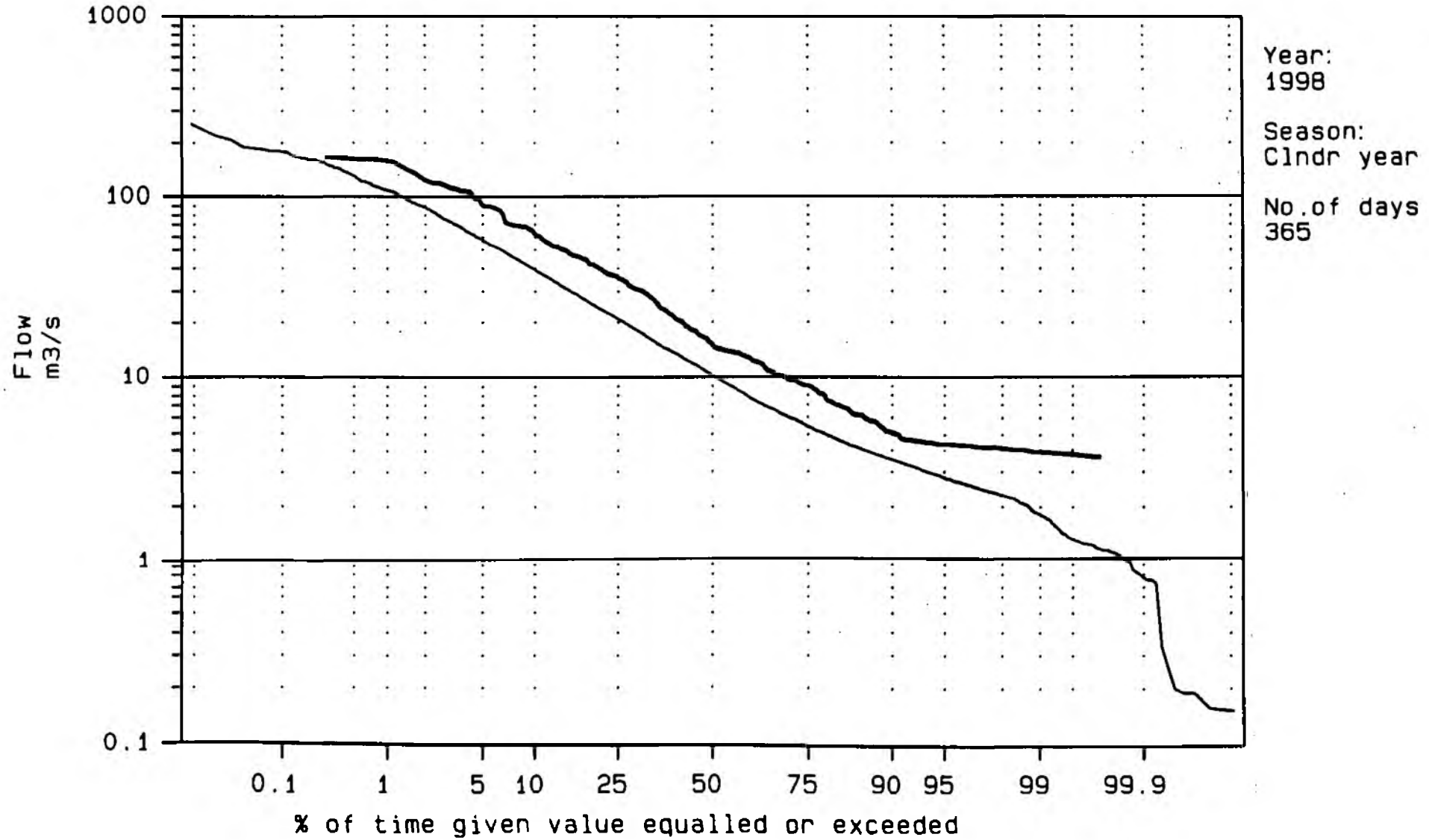
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	35.905M	32.218M	24.455M	17.535M	10.997M	8.634M	5.361M	5.079M	6.311M	11.401M	21.507M	31.558M	17.555M	
Min. Monthly														
Mean	5.652M	11.371M	7.243M	4.925M	4.976M	2.979M	2.410M	1.715M	1.400M	3.115M	4.406M	10.179M	10.363M	M
Year	1997	1976	1993	1997	1992	1992	1976	1976	1996	1978	1978	1991	1973	
Max. Monthly														
Mean	81.986M	72.932M	54.225M	41.933M	31.024M	30.111M	9.956M	13.828M	2					

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 530180	Name: Bathford	Locat.: Avon

Period of Analysis : 1970 to 1998 (29 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **520560**
Loc. Desc. : **Tone**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Bishops Hull**
Catchment Ref.: **52**
Grid Ref. : **ST20602500**
Gauge Zero : **16.610 MAOD**
Catchment Area: **202.000 Sq Km**

Period : **1961 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1961	M	8.327	3.314	3.925	2.761	0.952	0.803	0.834	0.810	1.616	1.312	3.555	2.522	M	19[illegible]
1962	8.473	3.493	1.552	2.912	1.559	1.062	0.657	0.847	0.954	0.779	4.089	2.257	2.379		1962
1963	2.856	5.708	7.907	5.572	1.950	1.539	1.818	1.135	1.190	1.001	6.761	3.506	3.389		1963
1964	1.714	1.835	3.781	2.389	1.555	1.291	0.815	0.613	0.501	0.732	1.314	2.643	1.600		19[illegible]
1965	7.215	1.746	3.316	1.610	1.157	0.957	1.882	1.685	1.643	1.319	3.712	11.280	3.151		19[illegible]
1966	6.131	8.089	3.516	6.655	2.850	1.776	0.892	0.965	0.967	2.375	2.133	6.128	3.425		1966
1967	4.066	7.265	5.273	2.116	3.085	1.824	1.156	1.026	1.186	3.878	5.611	3.979	3.348		19[illegible]
1968	5.848	3.217	1.909	2.018	2.515	1.659	5.628	0.895	1.380	2.266	2.459	6.249	3.015		19[illegible]
1969	7.369	7.082	5.453	1.838	2.389	1.394	1.959	1.617	2.540	1.074	3.878	4.420	3.399		1969
1970	8.824	8.949	3.247	2.335	2.260	1.022	0.731	1.008	1.665	1.059	5.945	3.490	3.339		1970
1971	10.575	6.315	4.381	2.070	1.347	1.761	1.001	1.061	0.779	0.978	1.376	2.115	2.799		19[illegible]
1972	4.637	6.407	4.821	2.999	1.989	2.770	1.060	0.770	0.682	0.724	1.970	6.810	2.961		1972
1973	3.158	2.866	1.823	1.436	1.433	1.289	1.079	1.301	0.882	1.134	1.183	2.670	1.684		1973
1974	7.164	13.789	3.798	1.730	1.429	0.936	0.782	1.058	4.892	3.542	6.106	4.638	4.084		19[illegible]
1975	7.002	3.755	4.003	2.563	1.478	0.849	0.731	0.537	0.803	0.663	1.206	1.821	2.113		19[illegible]
1976	1.246	1.957	2.250	1.176	0.734	0.456	0.326	0.266	1.036	9.873	5.024	8.417	2.743		1976
1977	7.954	11.687	6.060	3.007	2.566	1.485	0.835	0.889	0.781	0.897	2.215	3.748	3.461		19[illegible]
1978	6.085	14.005	6.653	3.395	2.428	1.070	0.986	1.012	0.618	0.580	0.651	2.541	3.269		19[illegible]
1979	4.005	6.495	6.944	4.180	2.885	2.038	0.957	1.093	0.823	1.420	2.451	8.360	3.458		1979
1980	4.812	7.177	5.370	3.420	1.431	1.838	1.186	1.007	1.125	3.770	4.201	3.834	3.250		1980
1981	3.649	2.843	9.259	2.331	3.058	1.999	0.952	0.902	1.492	3.768	3.021	11.018	3.714		19[illegible]
1982	6.962	4.528	8.435M	2.422	1.530	1.135	1.115	0.926	1.061	2.773	7.611	8.503	3.794	M	19[illegible]
1983	7.666	4.495	2.466	4.134	6.562	2.579	1.187	0.839	1.178	1.849	1.496	7.088	3.465		1983
1984	14.561	8.100	2.822	2.003	1.296	0.975	0.641	0.694	0.778	1.180	5.274	4.830	3.586		19[illegible]
1985	4.041	4.691	2.654	4.436	1.654	1.121	0.814	1.228	1.199	1.210	1.042	7.685	2.639		19[illegible]
1986	8.335	2.483	2.216	4.143	2.830	1.469	0.940	1.067	0.990	1.492	5.757	6.363	3.180		1986
1987	3.917	3.077	4.076	6.575	1.503	1.148	0.900	0.677	0.687	3.189	4.035	2.578	2.689		19[illegible]
1988	7.899	8.658	4.329	2.257	1.572	1.095	1.656	1.032	1.859	3.282	1.524	1.948	3.078		19[illegible]
1989	1.906	4.510	5.895	3.149	1.430	0.858	0.767	0.511	0.640	0.944	2.287	6.857	2.471		1989
1990	6.632	14.163	2.900	1.480	0.854	0.680	0.572	0.488	0.508	0.638	1.251	2.422	2.641		1990
1991	6.204	3.007	4.545	2.822	1.422	1.014	0.902	0.638	0.863	1.879	4.251	2.410	2.495		19[illegible]
1992	2.655	2.137	2.043	2.092	1.199	0.750	0.656	0.799	1.246	1.741	5.739	7.063	2.343		19[illegible]
1993	6.290	2.178	1.355	2.695	1.411	1.712	0.987	0.697	1.200	3.108	1.962E	9.668E	2.786	E	1993
1994	9.499	7.648E	4.121	5.830	2.585E	1.461E	0.890	0.806	1.125E	1.759E	6.015E	7.804	4.105	E	19[illegible]
1995	11.714	9.345E	4.974	2.039	1.454	0.947	0.638	0.506	0.815E	0.990E	2.826	5.270	3.431	E	19[illegible]
1996	6.385	4.938	4.520	3.052	2.138	1.202	0.748	0.718	0.593	0.888	4.186	2.891E	2.681	E	1996
1997	1.457	5.915	3.222E	1.378E	1.192	1.840E	1.333	1.946	1.598	1.843	5.191	6.815	2.959	E	19[illegible]
1998	10.972	2.228	4.265	5.632	2.755	2.585	1.602E	0.979	1.167	4.614	6.025	5.112	4.011	E	19[illegible]

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 520560	Station Name	: Bishops Hull
Loc. Desc.	: Tone	Catchment Ref.	: 52
Report Type	: Monthly Means	Grid Ref.	: ST20602500
Parameter	: Flow	Gauge Zero	: 16.610 MAOD
Units	: m3/s	Catchment Area	: 202.000 Sq Km
Period	: 1961 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	6.213M	5.916E	4.160M	3.048E	2.007E	1.383E	1.121E	0.976	1.165E	2.022E	3.502E	5.205E	3.039E	
Min. Monthly														
Mean	1.246M	1.746E	1.355M	1.176E	0.734E	0.456E	0.326E	0.266	0.501E	0.580E	0.651E	1.821E	1.600E	
Year	1976	1965	1993	1976	1976	1976	1976	1976	1964	1978	1978	1975	1964	
Max. Monthly														
Mean	14.561M	14.163E	9.259M	6.655E	6.562E	2.770E	5.628E	3.946	4.892E	9.873E	7.611E	11.280E	4.105E	E
Year	1984	1990	1981	1966	1983	1972	1968	1997	1974	1976	1982	1965	1994	
Highest														
Recorded	47.234M	30.096E	27.138M	23.590E	15.685E	23.135E	6.160E	55.548	6.041E	39.661E	61.582E	50.632E	61.582E	
Date	05/01/98	22/02/94	21/03/96	08/04/94	13/05/98	26/06/97	03/07/97	06/08/97	25/09/94	31/10/98	30/11/92	20/12/93	30/11/92	
Lowest														
Recorded	1.208M	1.087E	1.167M	1.061E	0.753E	0.504E	0.426E	0.398	0.455E	0.566E	0.685E	1.375E	0.398E	
Date	02/01/97	24/02/93	25/03/93	30/04/97	31/05/97	13/06/92	18/07/92	18/08/92	19/09/96	02/10/95	08/11/95	31/12/96	18/08/92	

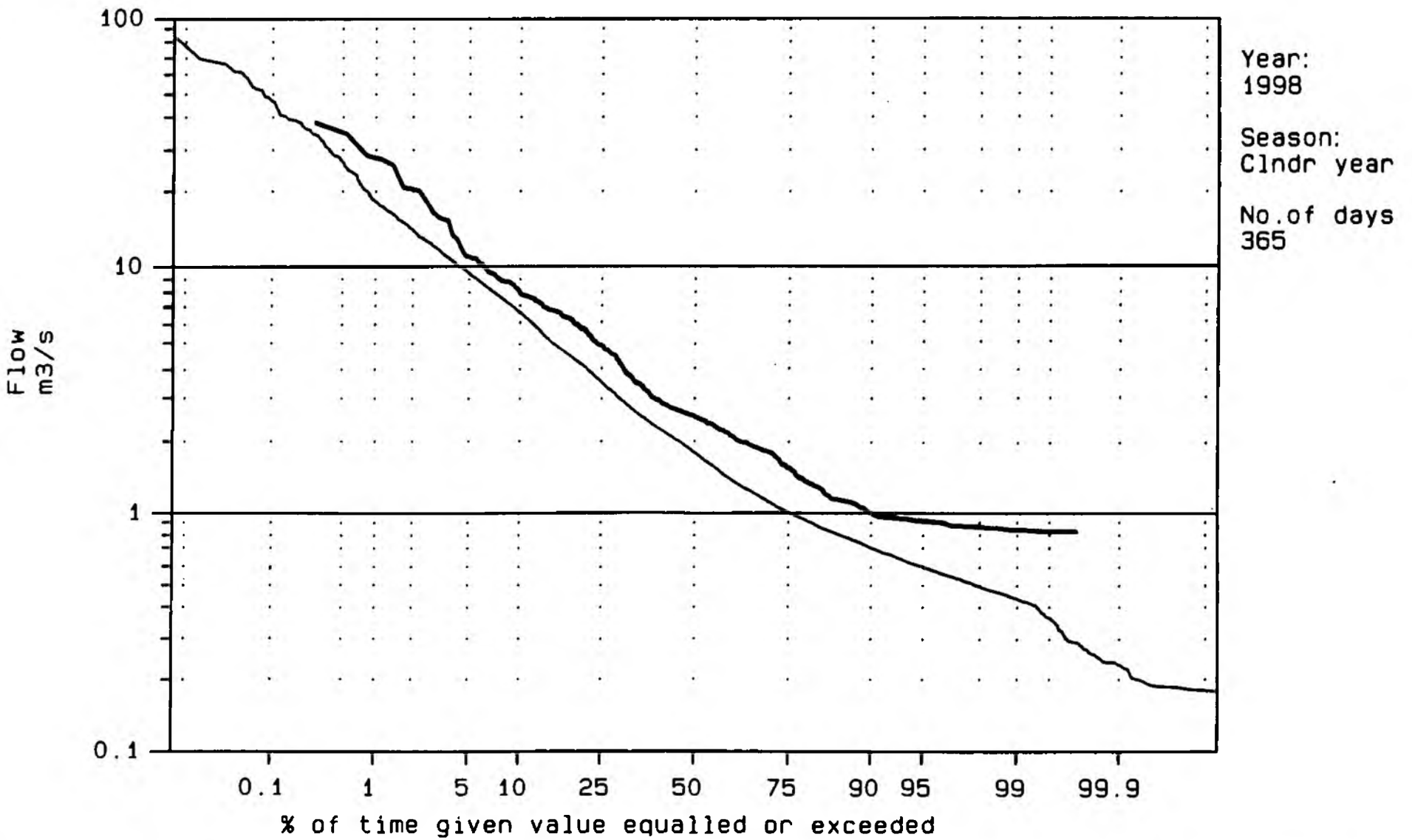
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 520560	Name: Bishops Hull	Locat.: Tone

Period of Analysis : 1962 to 1998 (36 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **530150**
Loc. Desc. : **Avon**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Great Somerford**
Catchment Ref.: **53**
Grid Ref. : **ST96608320**
Gauge Zero : **57.545 MAOD**
Catchment Area: **303.000 Sq Km**

Period : **1963 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1963	M	M	M	M	M	M	M	M	M	M	M	2.740M	2.740	M	1963
1964	2.214	1.869	5.569	2.788	1.617E	2.545	0.912	0.566U	0.459	0.368M	0.295	1.022M	1.697	M	1964
1965	5.863	2.014	2.386	2.014	1.387	0.953	2.589	1.487	1.595	2.095	3.315	17.241M	3.458	M	1965
1966	6.659	9.368	3.888	6.266	3.922M	1.162E	0.628	0.588	0.663	3.852	4.721	5.539E	3.901	M	1966
1967	5.179M	10.134M	6.277	1.572	4.469E	2.516	0.832	0.466	0.593M	6.400	6.325	4.675	3.964	M	1967
1968	8.070	4.797	1.549	1.469	2.574	1.741	6.234	1.408	3.145	4.498	5.530	9.458U	4.216	U	1968
1969	6.897	5.185	5.726	2.049	4.658	2.252	0.848	0.634	0.433	0.350	0.739	3.238	2.746		1969
1970	6.915	6.928	4.056	2.678	1.941	0.722	0.523	0.559	1.050	0.625	7.275	4.804	3.146		1970
1971	8.889	6.117	4.148	3.589	1.943	5.136	1.460	1.119	0.734	4.124	3.639	3.835	3.713		1971
1972	6.862	8.040	5.911	3.243	1.872	1.073	0.602	0.497	0.343	0.271	0.777M	10.432E	3.344	M	1972
1973	3.169M	2.696	1.475	1.113	1.546	0.899	1.229M	1.141M	0.572	0.706E	0.650	1.698M	1.404	M	1973
1974	8.458	11.257	3.519	1.436	0.739	0.678	0.638M	0.507	4.780	3.921	6.457	5.008U	3.896	M	1974
1975	8.654E	7.592M	6.428	3.461	1.502	0.662	0.553	0.344	0.380	0.335	0.470	1.435	2.626	M	1975
1976	1.473	1.576	1.673	1.054	0.512	0.347	0.189	0.139	0.917	6.033	4.431	8.783	2.271		1976
1977	8.247	13.521	6.023E	2.602	1.882	2.258	0.992	1.070	0.803	0.729	4.888	7.282U	4.132	E	1977
1978	8.584U	6.742U	5.349U	3.280U	2.279U	0.818E	0.742U	1.367U	0.688U	0.416U	0.423U	3.637U	2.846	E	1978
1979	4.862U	9.165U	10.028U	4.690U	5.264E	4.169E	1.015U	0.767U	0.517U	0.392U	0.892U	8.080U	4.129	E	1979
1980	6.080E	7.643U	6.829U	4.088U	1.058U	0.739U	0.563U	0.450U	0.543E	2.573U	3.384E	4.177U	3.164	E	1980
1981	3.162	2.765	9.924	3.109M	3.601	2.547	0.836	0.542	1.278	4.914	4.377	8.106	3.787	M	1981
1982	9.864	5.340U	10.096	2.604	0.979	0.867	0.642	0.426	0.431	2.177	7.073	9.201M	4.147	M	1982
1983	7.188	3.692U	3.106U	4.206U	8.649U	2.519E	1.020M	0.517E	0.577U	0.952U	0.947U	4.763	3.186	M	1983
1984	9.922	6.626	2.514	1.674	0.858	0.580	0.337	0.356	0.507M	1.004M	8.371	6.941U	3.295	M	1984
1985	6.945	7.274	3.758M	5.033	1.618	3.243	1.674	3.546M	1.962	1.792	1.107	9.290	3.932	M	1985
1986	11.173	5.497	2.948	4.939	3.844	1.577	0.606	0.717	0.602	0.991	9.371	8.582M	4.228	M	1986
1987	4.453	3.855	5.300U	6.216	1.639M	1.051M	0.567	0.372	0.334M	3.803M	7.218	3.345	3.321	M	1987
1988	11.184	9.338	4.376	2.134	0.893	0.612	0.943	0.572	1.511	4.257	1.817	2.639M	3.344	M	1988
1989	2.305	5.953	6.904	4.754	1.333	0.575	0.460	0.349	0.373	0.839	3.563	10.222	3.122		1989
1990	6.515	13.038	2.983	1.104	0.501	0.437	0.330	0.259	0.220	0.258	0.321	1.030M	2.180	M	1990
1991	7.128	3.132	6.388	2.297	1.093	0.978	1.046	0.493	0.301	0.432	3.771	1.969	2.420		1991
1992	3.164	2.444	1.409	1.906	0.789	0.446	0.482	0.874	1.163	1.847	10.752	10.708	2.996		1992
1993	11.152	2.936	1.077	3.470	1.803	1.599	0.765	0.457	0.446	4.007	2.441	9.121	3.290		1993
1994	12.658	7.443	4.094	4.700	3.291	1.875	0.635	0.447	0.536	0.524	4.263	9.290	4.142		1994
1995	12.705	11.699E	5.056	1.467	0.766	0.487	0.324	0.281	0.548E	0.537E	2.354	7.091	3.569	E	1995
1996	6.326	4.920	4.121	2.911	1.313	0.614	0.389	0.418	0.369	0.421	2.752	2.903	2.281		1996
1997	1.051	5.082	3.157	0.949	0.904	0.621	0.434	0.570	1.025	0.957	3.661	7.338	2.128		1997
1998	11.059	2.044	5.503	5.795	2.214	1.525	0.757	0.531	0.631	3.909	8.397	6.515	4.090		1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 530150	Station Name	: Great Somerford
Loc. Desc.	: Avon	Catchment Ref.	: 53
Report Type	: Monthly Means	Grid Ref.	: ST96608320
Parameter	: Flow	Gauge Zero	: 57.545 MAOD
Units	: m3/s	Catchment Area	: 303.000 Sq Km
Period	: 1963 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	7.011M	6.188M	4.680M	3.047M	2.155M	1.453M	0.937M	0.696M	0.892M	2.031M	3.922M	6.177M	3.258M	
Min. Monthly Mean	1.051M	1.576M	1.077M	0.949M	0.501M	0.347M	0.189M	0.139M	0.220M	0.258M	0.295M	1.022M	1.404M	M
Year	1997	1976	1993	1997	1990	1976	1976	1976	1990	1990	1964	1964	1973	
Max. Monthly Mean	12.705M	13.521M	10.096M	6.266M	8.649M	5.136M	6.234M	3.546M	4.780M	6.400M	10.752M	17.241M	4.228M	M
Year	1995	1977	1982	1966	1983	1971	1968	1985	1974	1967	1992	1965	1986	
Highest Recorded	52.580M	43.644M	47.132M	25.795M	62.320M	36.571M	108.249M	8.852M	26.507M	36.443M	55.260M	67.279M	108.249M	E
Date	29/01/86	27/02/67	15/03/82	19/04/66	30/05/79	11/06/71	11/07/68	04/08/85	27/09/74	19/10/71	30/11/92	27/12/79	11/07/68	
Lowest Recorded	0.000M	0.461M	0.099M	0.121M	0.212M	0.000M	0.000M	0.084M	0.000M	0.000M	0.092M	0.250M	0.000M	M
Date	01/01/92	26/02/86	16/03/68	29/04/76	27/05/76	26/06/70	28/07/66	25/08/76	02/09/67	26/10/64	11/11/73	04/12/64	26/10/64	

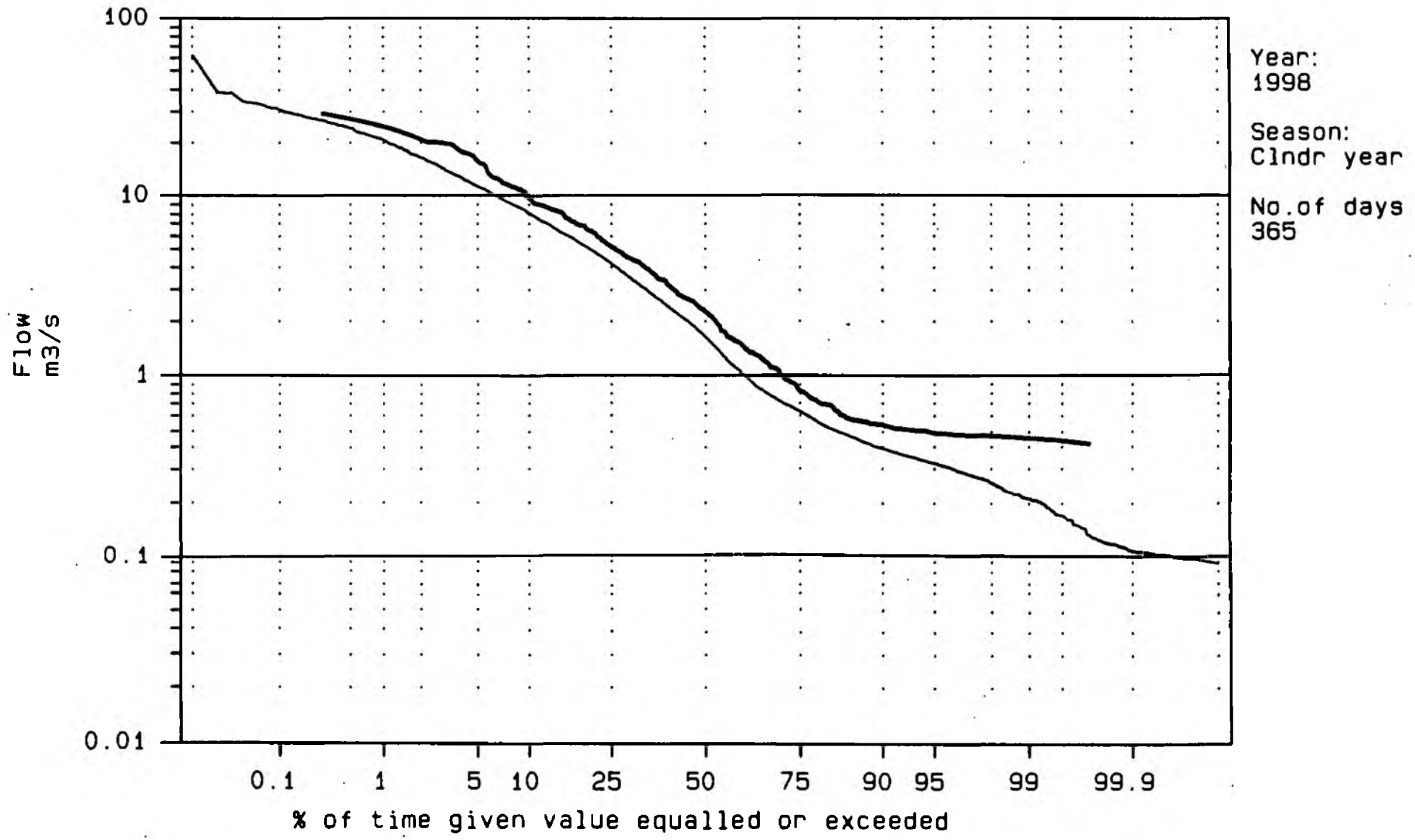
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 530150	Name: Great Somerford	Locat.: Avon

Period of Analysis : 1968 to 1998 (27 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 520920	Station Name	: Lovington
Loc. Desc.	: Brue	Catchment Ref.	: 52
Report Type	: Monthly Means	Grid Ref.	: ST59003180
Parameter	: Flow	Gauge Zero	: 19.810 MAOD
Units	: m3/s	Catchment Area	: 135.200 Sq Km
Period	: 1964 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1964	M	M	M	M	M	M	M	M	M	0.190	0.600	1.988	0.930	M	19
1965	3.559	0.910	2.441	0.902	0.610	0.378	4.081	2.449	2.230	0.827	2.560	6.158	2.278		1965
1966	2.979	5.008	1.513	3.352	1.681	0.613	0.476	2.266	0.747	2.797	4.139	3.532	2.406		1966
1967	2.986	3.499	2.711	1.177	1.999	0.915	0.482	0.405	0.653	4.233	2.578	2.455	2.003		19
1968	3.441	2.136	0.844	0.673	1.215	1.382	2.599	0.519	1.145	1.879	1.906	3.456	1.769		19
1969	3.083	2.486	2.675	0.989	1.822	1.050	0.525	0.431	0.424	0.276	2.582	2.972	1.607		1969
1970	4.526	4.405	2.204	1.646	0.866	0.413	0.346	0.302	0.414	0.214	4.426	1.730	1.770		19
1971	4.863	2.665	1.966	1.228	0.683	2.202	0.785	0.895	0.333	0.634	2.031	1.770	1.666		19
1972	3.452	4.150	2.959	1.354	0.890	1.148	0.495	0.352	0.254	0.246	1.755	5.681	1.891		1972
1973	1.859	2.179	1.020	0.652	1.072	0.663	1.193	1.410	0.426	0.424	0.705	2.265	1.153		1973
1974	4.819	5.865	1.623	0.598	0.428	0.350	0.255	0.321	4.873	2.494	4.883	2.837	2.416		19
1975	4.386	1.869	2.934	1.861	0.757	0.401	0.341	0.284	0.483	0.272	0.691	1.034	1.276		19
1976	0.743	1.267	1.661	0.526	0.313	0.217	0.150	0.130	0.691	4.380	3.051	5.691	1.575		1976
1977	4.638	6.872	3.913	1.420	1.711	0.874	0.522	1.462	0.645	0.576	2.455	4.329	2.427		19
1978	3.690	6.035	3.547	1.757	1.590	0.532	0.904	1.894	0.387	0.286	0.407	3.841	2.054		19
1979	3.837	4.042	5.077	2.402	3.554	1.425	0.588	0.831	0.441	0.355	1.320	4.954	2.400		1979
1980	3.076	4.278	4.245	2.151	0.623	0.634	0.505	0.432	0.447	3.538	2.091	2.302	1.938		19
1981	2.431	1.397	5.263	1.377	1.790	1.294	0.566	0.515	0.670	2.263	1.763	5.532	2.086		19
1982	3.303	2.379	4.335	1.366	0.578	0.550	2.071	0.455	0.471	2.680	4.625	4.500	2.281		1982
1983	3.960	2.031	1.682	2.766	2.909	1.328	0.459	0.330	0.411	0.807	0.686	2.680	1.672		1983
1984	5.753	2.982	1.335	0.834	0.595	0.455	0.302	0.298	0.247	0.483	2.982	4.384	1.720		19
1985	3.414	3.422	1.505	2.106	0.640	0.975	0.581	1.578	0.899	0.627	0.552	4.717	1.744		19
1986	4.904	1.544	1.419	2.455	2.017	0.714	0.402	0.807	0.515	1.294	4.210	4.519	2.072		1986
1987	2.259	2.197	2.870	2.836	0.451	0.541	0.342	0.275	0.276	1.557	2.623	1.221	1.447		19
1988	4.183	4.237	2.052	0.944	0.534	0.389	1.788	0.658	1.725	3.829	1.070	1.250	1.885		19
1989	1.629	2.931	3.679	2.364	0.731	0.378	0.314	0.248	0.251	0.307	0.851	4.941	1.547		1989
1990	3.913	6.961	1.288	0.646	0.381	0.363	0.264	0.232	0.218	0.444	0.893	2.164	1.446		1990
1991	3.819	1.412	3.096	1.464	0.678	0.948	0.915	0.382	0.318	0.630	1.754	1.523	1.415		19
1992	1.333	1.486	0.992	1.679	0.536	0.297	0.464	1.170	2.425	1.292	4.625	4.077	1.693		1992
1993	4.144	1.212	0.589	1.923	0.516	0.536	0.408	0.282	0.395	3.258	1.270	5.457E	1.676	E	1993
1994	6.074E	3.988E	2.573	2.859	1.141	0.554	0.357	0.378E	0.531E	1.646E	3.888E	4.222E	2.341	E	19
1995	6.652	4.926E	2.768	0.938	0.559	0.369	0.259	0.195	0.449	0.366	1.835	3.478	1.886	E	19
1996	3.061	3.005	2.204	1.689	0.835	0.557	0.284	0.272	0.209	0.318	2.966	1.528	1.403		1996
1997	0.616	2.917	1.706	0.507	0.390	1.053	0.392	1.078	0.312	0.568	3.061	3.034	1.290		19
1998	4.533	0.872	1.861	3.958	1.525	3.007	1.474M	M	M	M	5.769M	4.677	3.107	M	19

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: **520920**	Station Name	: **Lovington**
Loc. Desc.	: **Brue**	Catchment Ref.	: **52**
Report Type	: **Monthly Means**	Grid Ref.	: **ST59003180**
Parameter	: **Flow**	Gauge Zero	: **19.810 MAOD**
Units	: **m3/s**	Catchment Area	: **135.200 Sq Km**
Period	: **1964 - 1998**	Start of Day	: **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Date Code	Year
Mean	3.586M	3.162M	2.428M	1.629M	1.077M	0.809M	0.758M	0.713M	0.755M	1.323M	2.385M	3.454E	1.846E		
Min. Monthly Mean	0.616M	0.872M	0.589M	0.507M	0.313M	0.217M	0.150M	0.110M	0.209M	0.190M	0.407M	1.034E	0.930E	M	
Year	1997	1998	1993	1997	1976	1976	1976	1976	1996	1964	1978	1975	1964		
Max. Monthly Mean	6.652M	6.961M	5.263M	3.958M	3.554M	3.007M	4.081M	2.449M	4.873M	4.380M	5.769M	6.158E	3.107E	M	
Year	1995	1990	1981	1998	1979	1998	1965	1965	1974	1976	1998	1965	1998		
Highest Recorded	44.634M	32.470M	14.901M	19.856M	30.553M	30.821M	18.153M	22.680M	48.934M	59.491M	59.633M	44.968E	59.633E		
Date	05/01/94	01/02/95	31/03/94	08/04/98	13/05/98	13/06/98	12/07/98	06/08/97	18/09/92	13/10/93	03/11/98	25/12/98	03/11/98		
Lowest Recorded	0.437M	0.471M	0.464M	0.324M	0.228M	0.183M	0.053M	0.145M	0.145M	0.168M	0.228M	0.464E	0.053E	M	
Date	31/01/97	03/02/97	29/03/93	27/04/97	31/05/97	29/06/92	03/07/93	04/08/95	02/09/96	15/10/95	04/11/95	31/12/96	03/07/93		

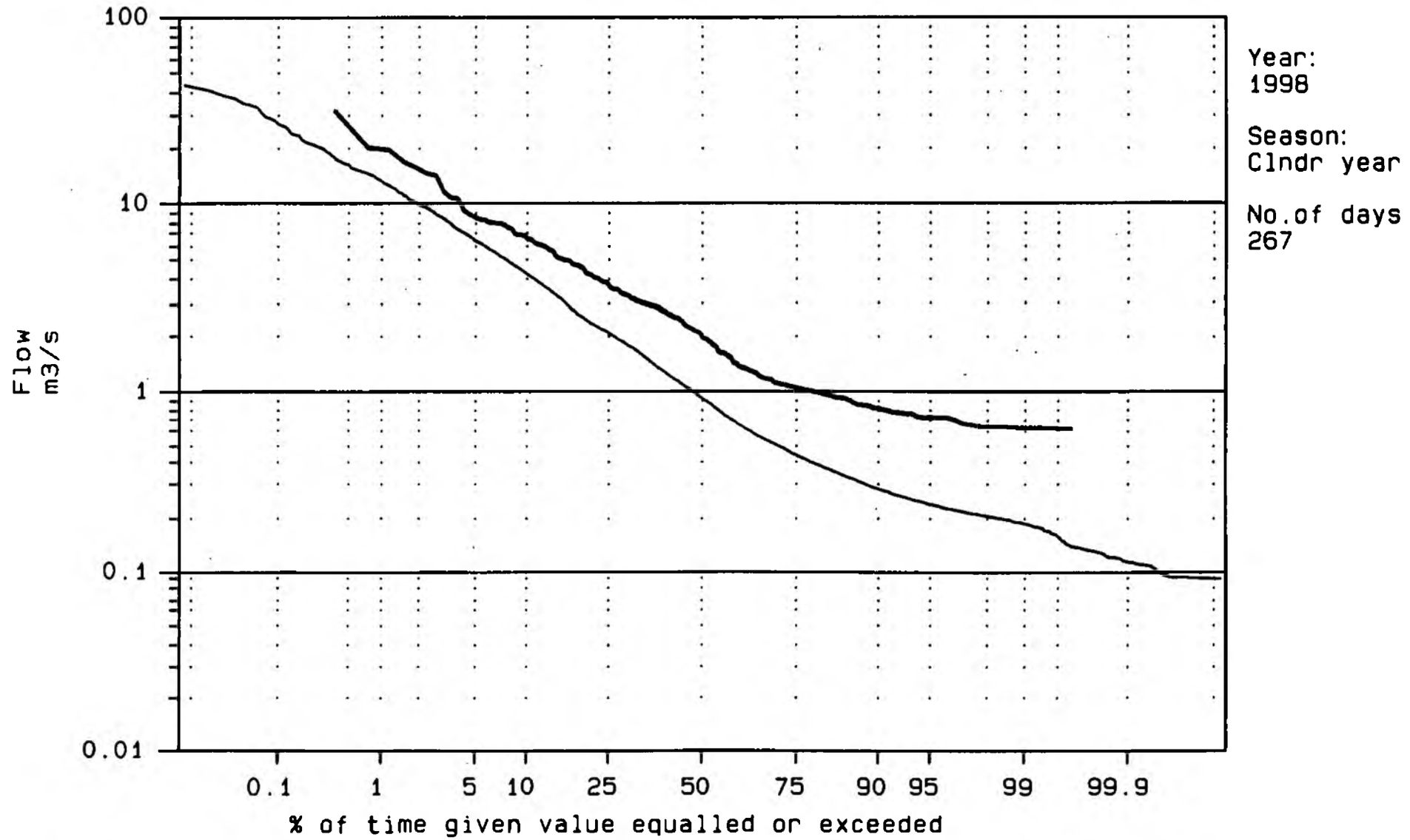
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 520920	Name: Lovington	Locat.: Brue

Period of Analysis : 1965 to 1997 (33 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **520240**
Loc. Desc. : **Yeo**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Pen Mill**
Catchment Ref.: **52**
Grid Ref. : **ST57301610**
Gauge Zero : **23.850 MAOD**
Catchment Area: **213.100 Sq Km**

Period : **1963 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	Year
1963	M	M	M	M	M	M	M	M	M	M	6.472	2.507	4.457	M	1963
1964	1.353	1.401	4.437	1.642	1.621	1.515	0.401	0.312	0.316	0.421	0.530	2.770	1.397		1964
1965	5.580	1.214	4.440	1.019	0.585	0.452	0.816	1.607	1.605	0.855	4.635	7.066	2.506		1965
1966	4.653	8.598	2.310	4.222	1.877	0.593	0.512	0.926	0.536	4.653	5.206	4.190	3.151		1966
1967	5.649	5.319	4.346	0.933	3.331	0.908	0.567	0.521	0.751	5.685	3.918	2.635	2.874		1967
1968	4.221	3.893	1.259	1.085	1.244	1.699	1.909	0.572	2.818	3.916	3.072	6.237	2.659		1968
1969	5.612	4.638	3.959	1.242	2.511	1.061	0.667	0.346	0.420	0.378	2.705	4.515	2.330		1969
1970	7.900	5.419	1.905	1.327	1.032	0.487	0.453	0.548	0.928	0.472	12.781	1.925	2.901		1970
1971	8.402	3.576	3.221	1.280	0.690	2.358	0.566	0.812	0.391	0.432	0.823	1.585	2.007		1971
1972	6.233	7.021	5.806	2.044	1.509	1.303	0.594	1.015	0.426	0.490	2.737	9.098	3.186		1972
1973	2.865	1.680	0.909	0.738	0.808	0.529	0.801	0.770	0.470	0.603	0.656	2.279	1.093		1973
1974	8.612	10.058	2.375	0.752	0.767	0.642	0.463	0.664	5.174	2.552	7.675	4.014	3.594		1974
1975	7.588	2.769	3.569	2.382	0.811	0.452	0.443	0.401	0.580	0.373	0.976	1.079	1.785		1975
1976	0.485	1.168	1.622	0.532	0.355	0.229	0.193	0.165	0.780	9.809	4.278	6.537	2.193		1976
1977	6.560	7.545	5.399	2.046	1.840	1.054	0.637	0.851	0.607	0.610	1.619	6.099	2.885		1977
1978	5.277	7.274	4.654	2.522	2.625	0.668	0.941	1.607	0.445	0.389	0.491	5.230	2.657		1978
1979	5.872	6.090	6.462	3.325	4.510	3.325	0.642	0.753	0.501	0.759	0.927	7.614	3.309		1979
1980	5.422	7.200	5.711	3.021	0.925	1.391	0.694	0.518	0.730	2.618	2.617	2.830	2.792		1980
1981	2.371	2.243	7.060	1.513	2.299	1.753	0.601	0.494	1.295	3.336	2.038	7.074	2.688		1981
1982	4.360	4.179	6.394	2.001	0.787	0.778	0.957	0.464	0.596	4.713	7.338	5.822	3.197		1982
1983	4.626	2.389	1.621	3.336	3.392	3.499	0.705	0.447	0.570	0.692	0.454	2.704	1.952		1983
1984	6.915	3.384	2.241	1.355	0.787	0.626	0.323	0.263	0.426	1.077	4.774	4.715	2.248		1984
1985	5.045	3.720	2.401	3.375	0.991	0.749	0.465	0.743	0.645	0.594	0.715	6.609	2.167		1985
1986	7.108	1.791	1.765	3.248	2.912	0.978	0.626	1.408	0.681	0.994	7.054	6.745	2.951		1986
1987	2.432	2.772	3.470	4.059	0.858	0.896	0.530	0.404	0.464	2.006	3.462	2.163	1.950		1987
1988	6.200	6.116	3.112	1.226	0.749	0.542	0.722	0.503	0.804	1.643	0.742	1.311	1.962		1988
1989	1.339	4.004	5.114	2.835	0.873	0.418	0.505	0.351	0.388	0.659	1.246	7.451	2.092		1989
1990	6.896	11.878	1.981	0.844	0.466	0.442	0.366	0.325	0.242	0.463	0.451	1.169	2.073		1990
1991	5.456	2.705	5.514	2.753	1.251	0.797	0.634	0.392	0.657	1.147	3.242	1.202	2.144		1991
1992	2.000	2.192	0.974	2.826	0.974	0.398	0.414	0.502	1.310	0.625	4.275	7.169	1.968		1992
1993	5.962	1.218	0.740	3.641	0.728	1.377	0.529	0.386	1.132	6.792U	2.205U	7.914	2.738	U	1993
1994	7.244E	6.349E	3.131	3.694	1.450	0.712	0.479	0.516E	1.031E	1.734E	6.350	5.375	3.148	E	1994
1995	8.897	7.981E	3.502	1.233	0.772	0.510	0.400	0.298	0.696E	1.190E	4.359	5.403	2.909	E	1995
1996	5.520	5.465	3.560	1.937	1.256	0.655	0.425	0.497	0.349	0.606E	4.426E	1.986E	2.211	E	1996
1997	0.858	4.933	2.442	0.644	0.586	0.699	0.379	1.313	0.486	0.698	5.701	5.212	1.973		1997
1998	8.218	1.070	2.434	3.832	1.072	1.015	0.714E	0.440	0.605	3.296	4.479	4.872	2.686	E	1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 520240	Station Name	: Pen Mill
Loc. Desc.	: Yeo	Catchment Ref.	: 52
Report Type	: Monthly Means	Grid Ref.	: ST57301610
Parameter	: Flow	Gauge Zero	: 23.850 MAOD
Units	: m3/s	Catchment Area	: 213.100 Sq Km
Period	: 1963 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	5.269M	4.547M	3.424M	2.128M	1.407M	0.957M	0.602M	0.635M	0.856M	1.922M	3.484E	4.531E	2.477E	
Min. Monthly														
Mean	0.485M	1.070M	0.740M	0.532M	0.355M	0.229M	0.193M	0.165M	0.316M	0.372M	0.451E	1.079M	1.093E	
Year	1976	1998	1993	1976	1976	1976	1976	1976	1964	1975	1990	1975	1973	
Max. Monthly														
Mean	8.897M	11.878M	7.060M	4.222M	4.510M	2.499M	1.909M	1.607M	5.174M	9.809M	12.781E	9.098E	4.457E	M
Year	1995	1990	1981	1966	1979	1983	1968	1965	1974	1976	1970	1972	1963	
Highest														
Recorded	54.473M	53.258M	47.334M	40.927M	9.048M	13.442M	9.112M	17.580M	18.739M	55.828M	58.677E	63.781E	63.781E	
Date	10/01/93	09/02/96	31/03/94	01/04/94	26/05/94	16/06/93	14/07/95	06/08/97	22/09/92	13/10/93	09/11/94	18/12/92	18/12/92	
Lowest														
Recorded	0.627M	0.712M	0.553M	0.384M	0.345M	0.230M	0.179M	0.242M	0.238M	0.268M	0.322E	0.687E	0.179E	
Date	11/01/97	03/02/97	29/03/93	30/04/97	30/05/97	17/06/92	10/07/95	22/08/95	16/09/92	03/10/97	04/11/97	31/12/96	10/07/95	

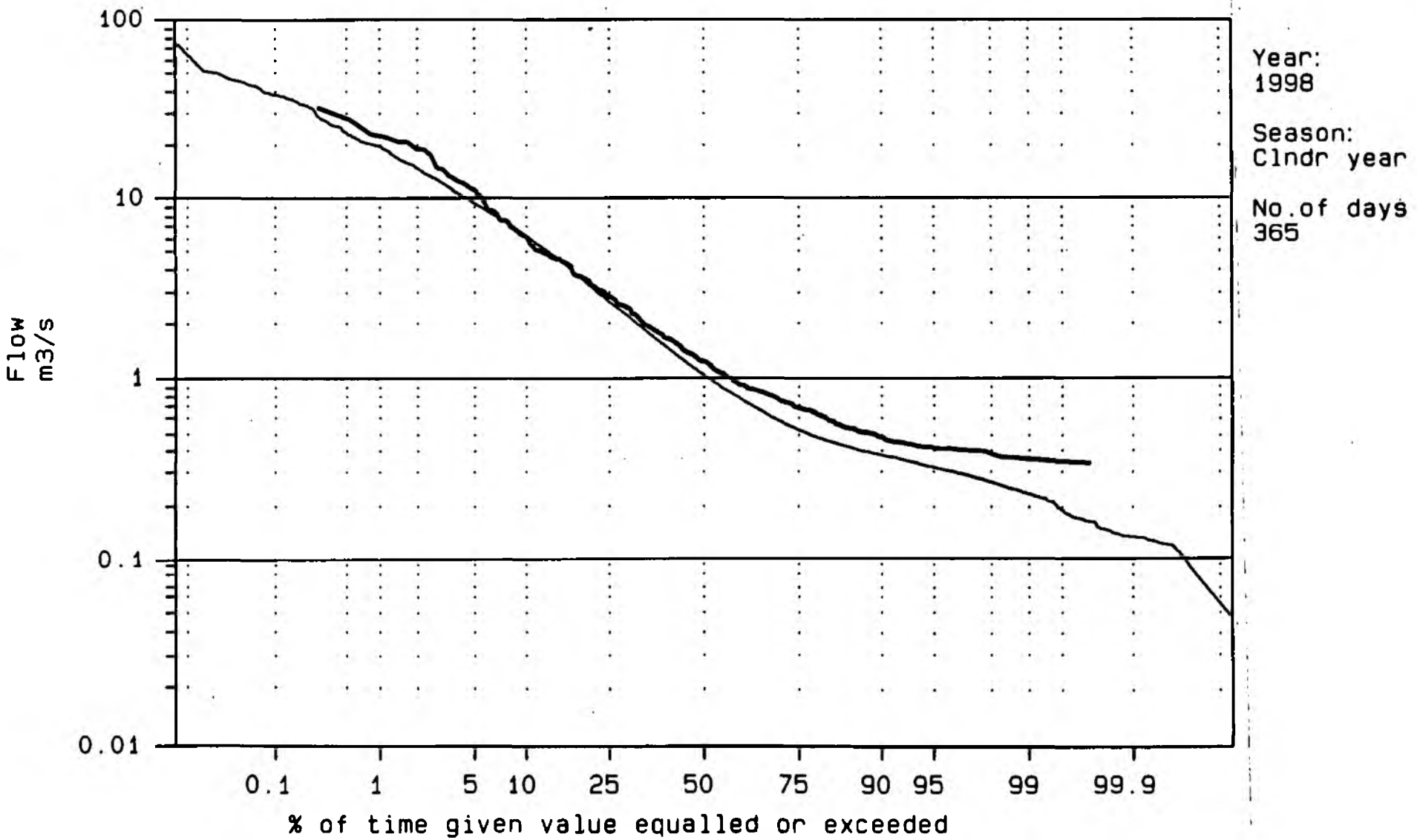
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 520240	Name: Pen Mill	Locat.: Yeo

Period of Analysis : 1964 to 1998 (35 complete years used)



ENVIRONMENT AGENCY Exeter

Auth. Ref. : **531160**
Loc. Desc. : **Somerset Frome**
Report Type : **Monthly Means**
Parameter : **Flow**
Units : **m3/s**

Station Name : **Tellisford**
Catchment Ref.: **53**
Grid Ref. : **ST80505640**
Gauge Zero : **34.900 MAOD**
Catchment Area: **262.000 Sq Km**

Period : **1961 - 1998**
Start of Day : **09:00 GMT**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code	
1961	M	M	M	M	M	M	M	M	0.901	1.362	1.757	5.420	2.377	M	1961
1962	10.441	4.367	1.937	3.139	1.562	0.838	0.770	1.194	1.506	1.671	4.673	3.104	2.926		1962
1963	1.719	4.456	10.544	7.260	3.537	1.491	1.478	1.174	2.674	2.169	10.734	3.011	4.170		1963
1964	2.173	2.326	5.242	3.096	2.252	3.388	0.995	0.770	0.691	0.728	1.925	4.419	2.334		1964
1965	7.634	2.072	4.514	2.350	1.524	1.005	4.569	4.605	3.960	1.980	5.064	14.857	4.647		1965
1966	6.943	10.559	3.676	8.315	4.617	1.774	1.312	2.779	1.371	4.456	5.765	7.372	4.872		1966
1967	6.751	8.728	6.220	3.239	6.010	2.727	1.282	1.052	2.106	8.841	5.850	5.127	4.810		1967
1968	6.706	4.616	2.562	2.008	2.977	2.487	4.931	1.728	4.125	4.655	4.655	7.183	4.058		1968
1969	5.817	5.215	5.328	2.323	3.386	1.982	1.122	1.002	0.845	0.704	2.708	4.701	2.920		1969
1970	8.131	8.673	4.362	3.377	2.042	0.975	0.804	0.715	1.019	0.613	8.165	3.424	3.484		1970
1971	9.365	6.084	4.477	3.007	1.304	4.812	1.396	1.448	0.790	1.545	3.563	3.512	3.425		1971
1972	6.712	7.963	5.737	4.333	2.400	2.179	1.120	0.941	0.648	0.623	3.421	10.406	3.865		1972
1973	3.288	4.202	2.185	2.402	2.847	1.615	1.935	2.333	0.985	1.213	1.487	3.751	2.338		1973
1974	8.950	12.457	3.621	1.658	1.095	0.874	0.774	0.865	7.459	3.890	7.347	5.507	4.479		1974
1975	8.693	3.986	5.824	3.487	1.790	0.854	0.767	0.671	1.150	0.747	1.574	2.796	2.694		1975
1976	1.684	2.746	2.834	1.510	0.843	0.518	0.329	0.291	2.221	6.753	4.627	9.274	2.809		1976
1977	7.623	12.200	6.643	2.943	2.900	2.438	0.999	2.660	1.320	1.384	5.268	7.182	4.416		1977
1978	7.627	8.477	6.980	3.972	3.633	1.235	1.306	2.528	0.810	0.649	0.962	6.899	3.740		1978
1979	6.249	8.305	10.501	4.803	5.544	3.013	1.240	1.888	1.075	0.811	2.629	8.740	4.554		1979
1980	5.426	8.696	8.444	3.977	1.586	1.532	1.049	0.739	0.808	4.391	4.712	4.216	3.783		1980
1981	3.885	3.078	12.693	3.262	3.646	2.569	1.226	0.989	1.653	5.725	3.957	9.287	4.366		1981
1982	7.294	4.722	10.031	3.137	1.463	1.290	2.074	1.020	1.093	4.182	8.608	9.768	4.567		1982
1983	9.739	5.101	3.731	5.817	6.317	2.837	1.064	0.840	2.109	3.594	2.478	6.604	4.188		1983
1984	12.336	6.941	3.161	1.862	1.578	1.022	0.628	0.648	0.825	1.976	7.691	8.168	3.899		1984
1985	6.789	6.434	3.062	4.816	1.652	2.228	1.416	3.543	1.882	1.799	1.532	9.053	3.673		1985
1986	11.663	3.646	3.601	5.287	4.465	1.694	0.917	1.547	1.307	2.957	10.079	9.547	4.744		1986
1987	5.225	4.392	5.659	5.804	1.677	1.919	1.047	0.741	0.754	3.845	5.762	2.733	3.284		1987
1988	9.079	8.887	4.583	2.287	1.471	1.005	2.140	1.218	3.497	7.146	2.189	2.628	3.834		1988
1989	3.269	6.286	8.859	4.977	1.846	1.002	0.675	0.569	0.574	0.805	2.066	9.291	3.340		1989
1990	7.798	13.715	2.591	1.651	0.893	0.717	0.699	0.607	0.522	0.975	1.805	3.370	2.876		1990
1991	7.028	3.186	6.564	3.410	1.386	1.659	1.232	0.693	0.639	1.175	3.475	2.330	2.733		1991
1992	3.344	2.794	2.568	3.496	1.489	0.729	1.038	1.610	4.738	2.559	8.530	7.810	3.302		1992
1993	7.793	3.329	1.279	3.762	1.234	1.286?	1.075	0.911	1.239	6.067	2.958	12.246E	3.538	?	1993
1994	13.211E	7.943	5.631	6.687	2.681	1.559	0.810	0.942	1.547	3.555	6.545	8.708	4.971	E	1994
1995	14.906	11.242	5.886	2.184	1.519	0.963	0.668	0.536	1.059E	1.300E	3.896	6.745	4.209	E	1995
1996	6.386	5.926	4.216	3.381	2.209	1.241	0.671	0.755	0.596	1.120	5.630	3.157	2.927		1996
1997	1.352	7.949	3.186	1.297	1.420	1.295	0.817	1.135	0.839	1.368	5.021	6.654E	2.658	E	1997
1998	9.685	1.976	5.043	7.474	2.610	4.209	2.501	1.300	1.416	7.771	8.658	6.813	4.974		1998

Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Auth. Ref.	: 531160	Station Name	: Tellisford
Loc. Desc.	: Somerset Frome	Catchment Ref.	: 53
Report Type	: Monthly Means	Grid Ref.	: ST80505640
Parameter	: Flow	Gauge Zero	: 34.900 MAOD
Units	: m3/s	Catchment Area	: 262.000 Sq Km
Period	: 1961 - 1998	Start of Day	: 09:00 GMT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean	Data Code
Mean	7.072M	6.283M	5.243M	3.727M	2.470M	1.756M	1.324M	1.322M	1.651E	2.818E	4.678	6.469E	3.726E	
Min. Monthly														
Mean	1.352M	1.976M	1.279M	1.297M	0.843M	0.518M	0.329M	0.291M	0.522E	0.613E	0.962	2.330E	2.334E	
Year	1997	1998	1993	1997	1976	1976	1976	1976	1990	1970	1978	1991	1964	
Max. Monthly														
Mean	14.906M	13.715M	12.693M	8.315M	6.317M	4.812M	4.931M	4.605M	7.459E	8.841E	10.734	14.857E	4.974E	
Year	1995	1990	1981	1966	1983	1971	1968	1965	1974	1967	1963	1965	1998	
Highest														
Recorded	77.989M	53.900M	68.830M	35.208M	22.780M	23.941M	42.762M	30.009M	71.421E	84.715E	64.928	82.500E	84.715E	
Date	31/01/83	03/02/90	09/03/81	09/04/94	11/05/83	13/06/98	12/07/82	04/08/85	18/09/92	13/10/93	01/11/98	26/12/85	13/10/93	
Lowest														
Recorded	0.965M	0.840M	0.760M	0.947M	0.632M	0.348M	0.388M	0.416M	0.365E	0.383E	0.702	1.259E	0.348E	
Date	30/01/97	02/02/97	26/03/93	21/04/97	31/05/97	30/06/95	25/07/96	21/08/96	27/09/93	05/10/97	05/11/95	28/12/96	30/06/95	

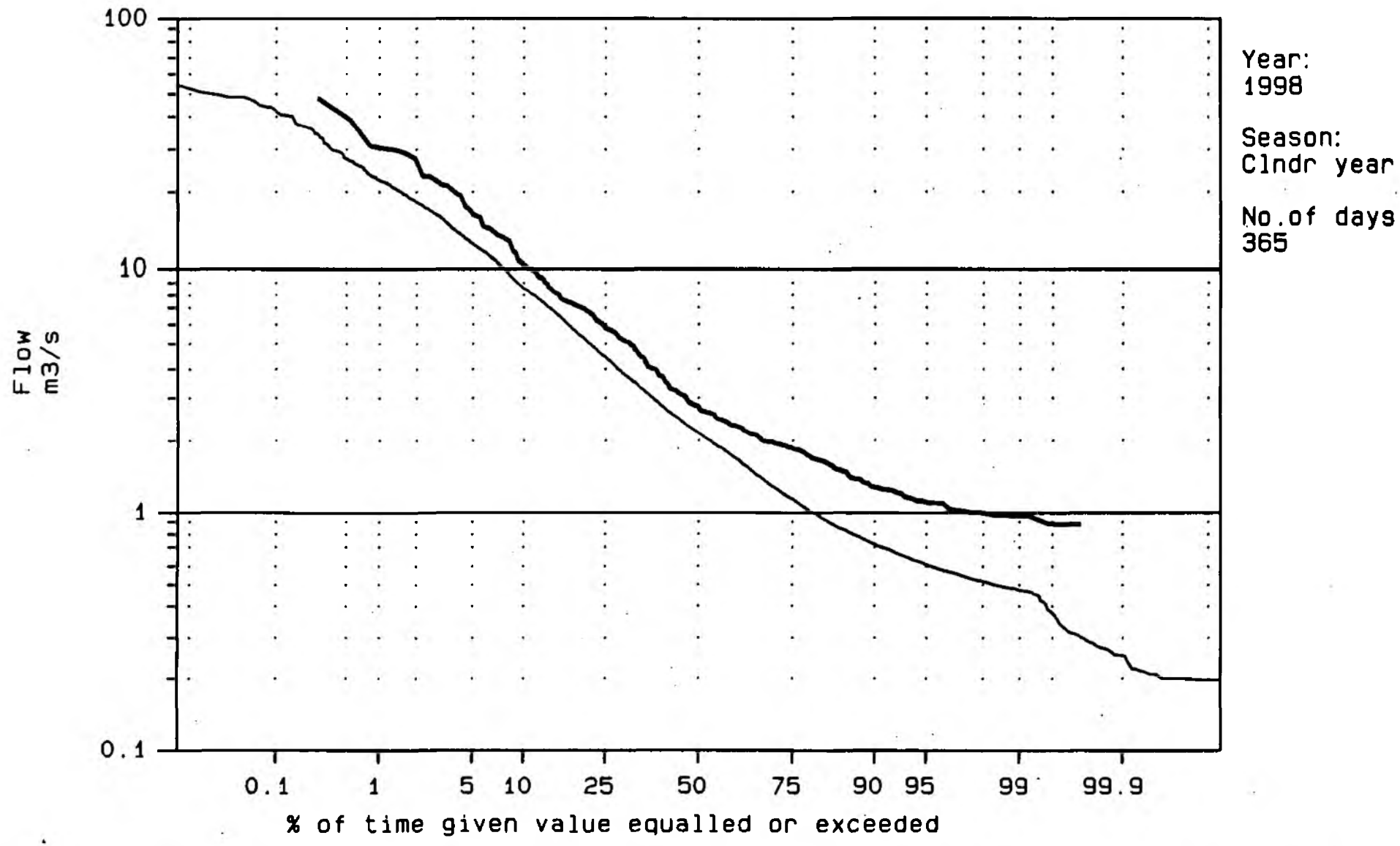
Data Codes : E - Edited ? - Suspect U - Unchecked M - Incomplete

ENVIRONMENT AGENCY Exeter

Duration/Frequency Graph

Auth.: 531160	Name: Tellisford	Locat.: Somerset Frome

Period of Analysis : 1962 to 1998 (37 complete years used)



MAPS

File with Hydrometry.

Andy - I'll nominate Bob (unless you can persuade me otherwise)

Fire, Andy - Nigel, will you let Cliff know?

[redacted]

Nigel 29/7

Please return to me 2nd Aug

memo

To: Nigel Morris
Stuart Bray
Martin Weiler
Rob Grew
Alan Weston
Gordon Trapmore
Jim Constantine
Richard Symonds
Ian Hope

Our Ref: ATN/SJH/WR/4/10/2

From: Terry Newman

Your Ref:

Ext: 7-24-2444

Date: 29 July, 1999

REGIONAL DROUGHT MANAGEMENT PLAN

In 1998 an internal audit report expressed concern that Regional Drought Management Plans were not being kept up-to-date. It was recommended that the Director of Operations should ensure that RDMPs reflected the key requirements of the National Drought Management Manual (July 1997).

We are now required to review and revise our 1995 RDMP to satisfy this need and in a form that can be appended as a regional insert to the Agency's Drought Manual. This is a 'must do'.

In order to manage this process we need a small 'Zap' team to,

- agree the organisational structure, key roles and responsibilities - recognising Agency structure changes and any recommendations from the manual.
- scope the work involved and recommend the process for required re-drafting of the 1995 RDMP.
- consider arrangements for subsequent RMT endorsement of the RDMP, its dissemination and training plan.

Cont/d..

Environment Agency
Manley House, Kestrel Way, Exeter, EX2 7LQ
Tel: 01392 444000 Fax: 01392 444238

It is suggested that each of the addressees above should have the opportunity of nominating a functional/Area representative to this team. I believe thought that it is not essential for all four Areas to be independently represented as Water Resources Function personnel at this stage, perhaps one nominee from Abstraction Licensing and one from Water Resources would be adequate at this stage. If you or your nominee would kindly contact Cliff Tubb (xtn 2115) then he will organise a subsequent meeting.

I appreciate that you might not consider the subject of drought a key priority at present but that is precisely the worry of the internal audit: that we will be unprepared for the next event unless these plans are updated and before information from the last event is lost.

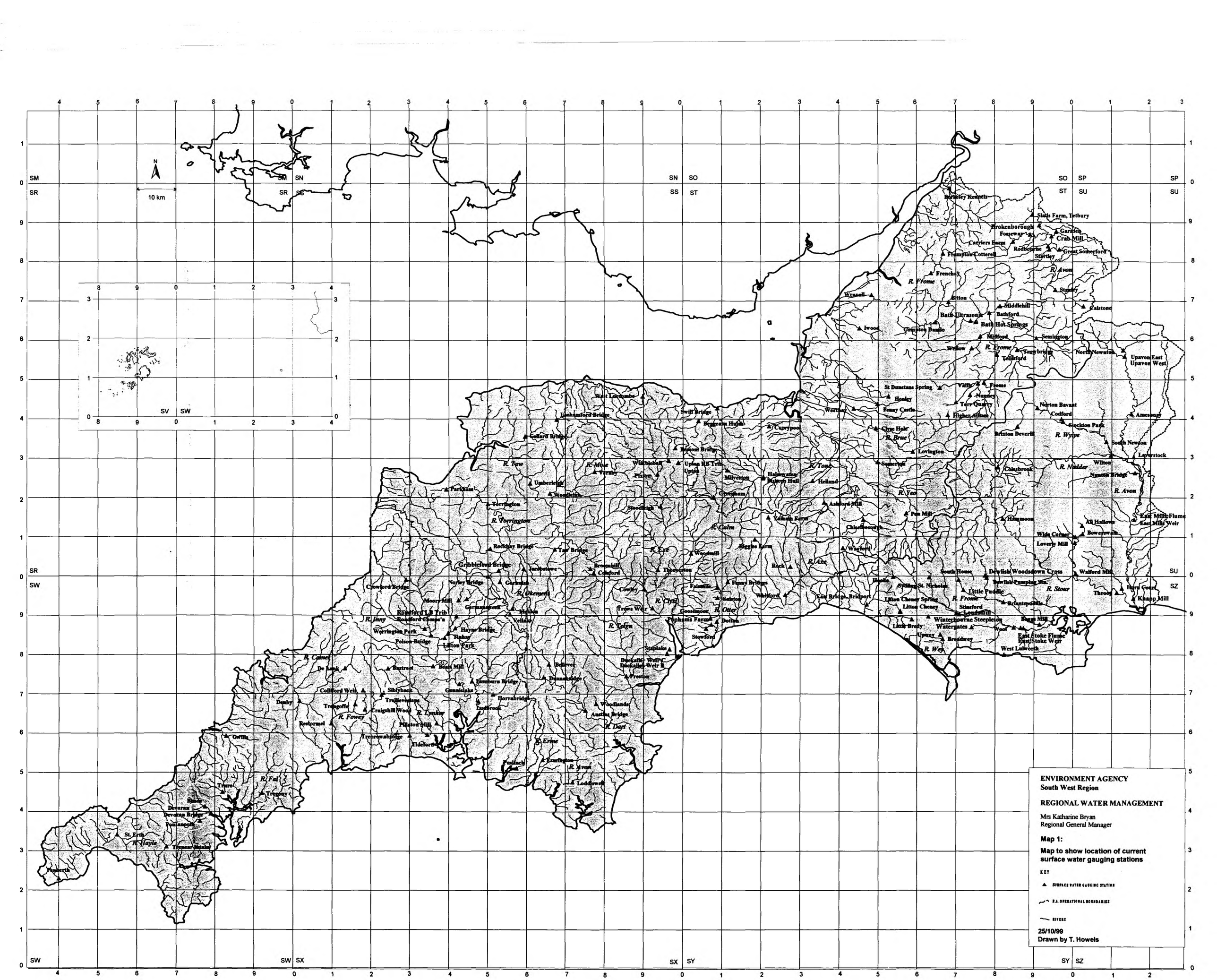
Already provided are reference copies of the Agency's manual on '*Drought Orders/Permits - Best Practice EA Guidelines for Environmental Monitoring*' (volume 33 version 1) to Area Team Leaders, together with a further copy for them to pass on to the Area FER Team Leaders.

Once we receive Water Company draft Drought Contingency Plans in November, we will need to review whether our monitoring programmes include sufficient baseline monitoring at relevant sites. The new guidelines are also relevant to any sites where we may wish to have contingency plans for using drought orders to protect flora and fauna. These matters can also be discussed under the auspices of the propose 'Zap' team.

I look forward to hearing from you, if possible by 2 August.

Terry Newman
Regional Water Resources Manager

h:\sue\memos\rdmp



ENVIRONMENT AGENCY
South West Region

REGIONAL WATER MANAGEMENT

Mrs Katharine Bryan
Regional General Manager

Map 1:

Map to show location of current surface water gauging stations

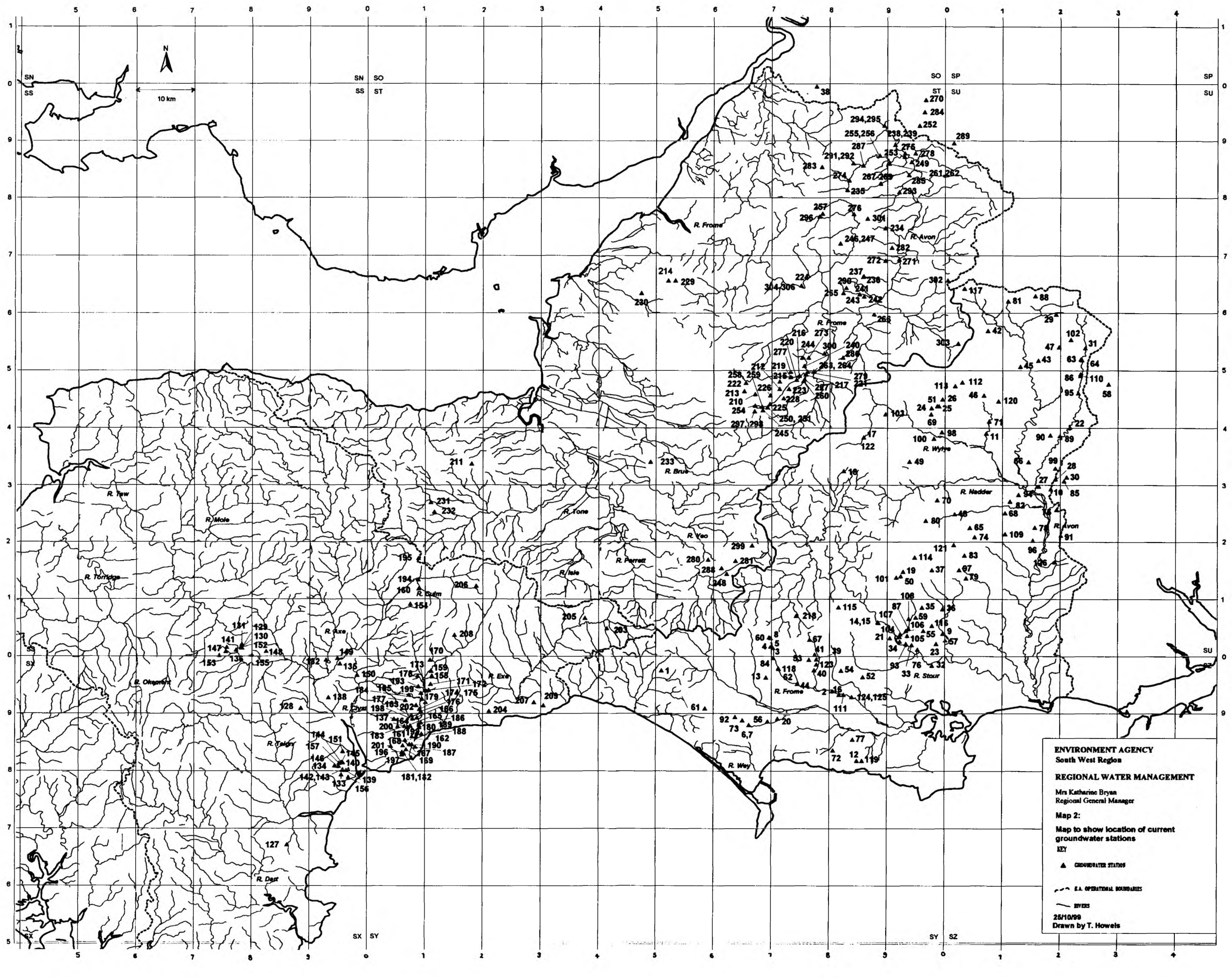
KEY

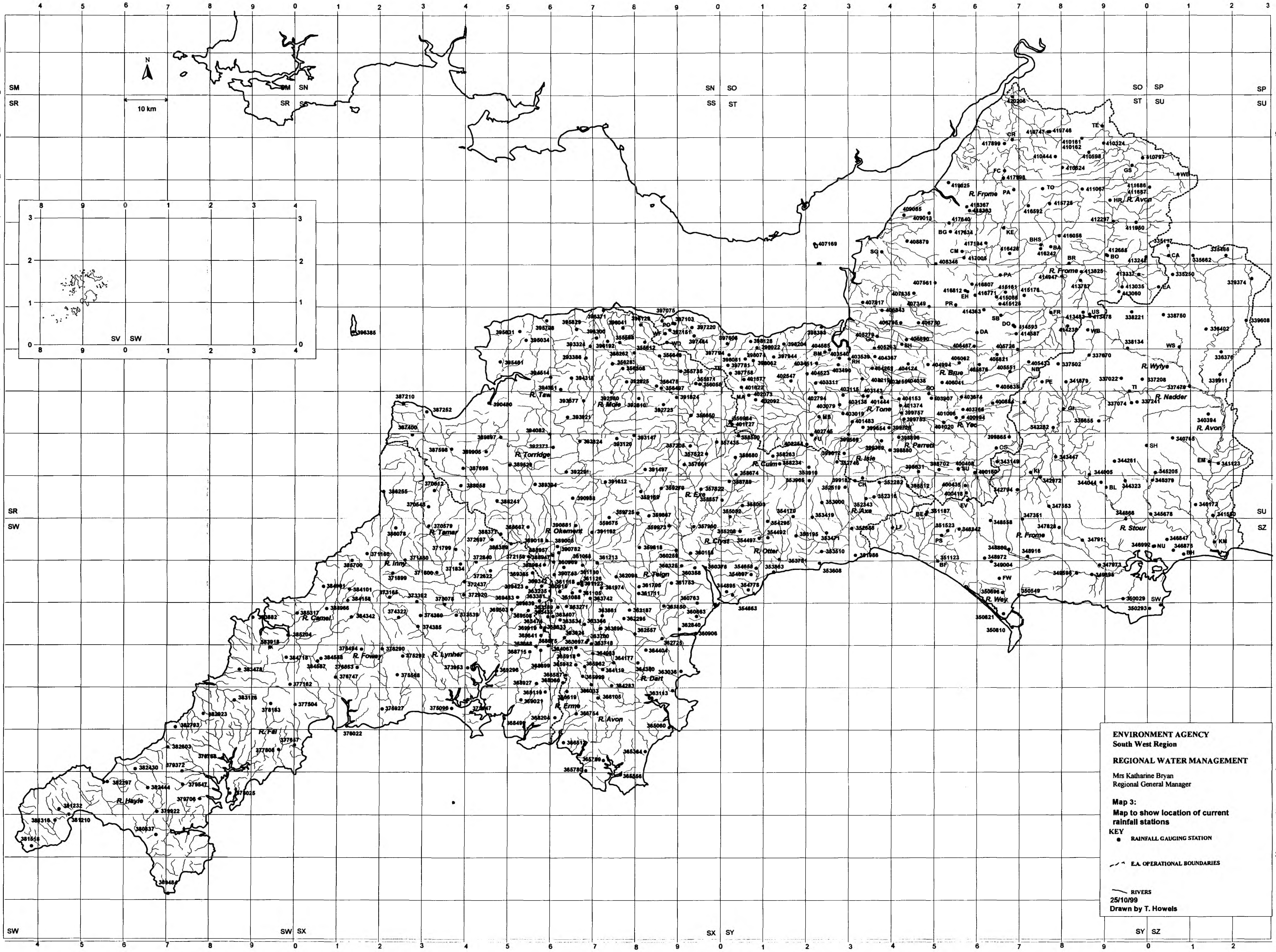
▲ SURFACE WATER GAUGING STATION

R.A. OPERATIONAL BOUNDARIES

RIVERS

25/10/99
Drawn by T. Howels


N
10 km
SN
SS
SN SO
SS ST
SO SP
ST SU
SP
SU
SX
SX SY
SY SZ
R. Frome
R. Avon
R. Yeo
R. Parrett
R. Isle
R. Brue
R. Tone
R. Wyre
R. Nadder
R. Stour
R. Axe
R. Exe
R. Otter
R. Culm
R. Taw
R. Torridge
R. Mole
R. Wey
R. Dart
ENVIRONMENT AGENCY
South West Region
REGIONAL WATER MANAGEMENT
Mrs Katharine Bryan
Regional General Manager
Map 2:
Map to show location of current groundwater stations
KEY
GROUNDWATER STATIONS
E.A. OPERATIONAL BOUNDARIES
RIVERS
25/10/99
Drawn by T. Howells



ENVIRONMENT AGENCY
South West Region
REGIONAL WATER MANAGEMENT
Mrs Katharine Bryan
Regional General Manager
Map 3:
Map to show location of current rainfall stations
KEY
RAINFALL GAUGING STATION
E.A. OPERATIONAL BOUNDARIES
RIVERS
25/10/99
Drawn by T. Howels
10 km
N
SM
SN
SR
SS
SO
ST
SP
SU
SV
SW
SX
SY
SZ
R. Taw
R. Mole
R. Torridge
R. Okement
R. Tamar
R. Inny
R. Camel
R. Fowey
R. Lynher
R. Fal
R. Hayle
R. Erme
R. Avon
R. Dart
R. Teign
R. Exe
R. Culm
R. Clyst
R. Otter
R. Axe
R. Isle
R. Tone
R. Parrett
R. Yeo
R. Brue
R. Frome
R. Wey
R. Stour
R. Wylye
R. Nadder