

APPENDIX 5.3
ANNUAL MINIMUM FLOWS
IN THE RIVER STOUR

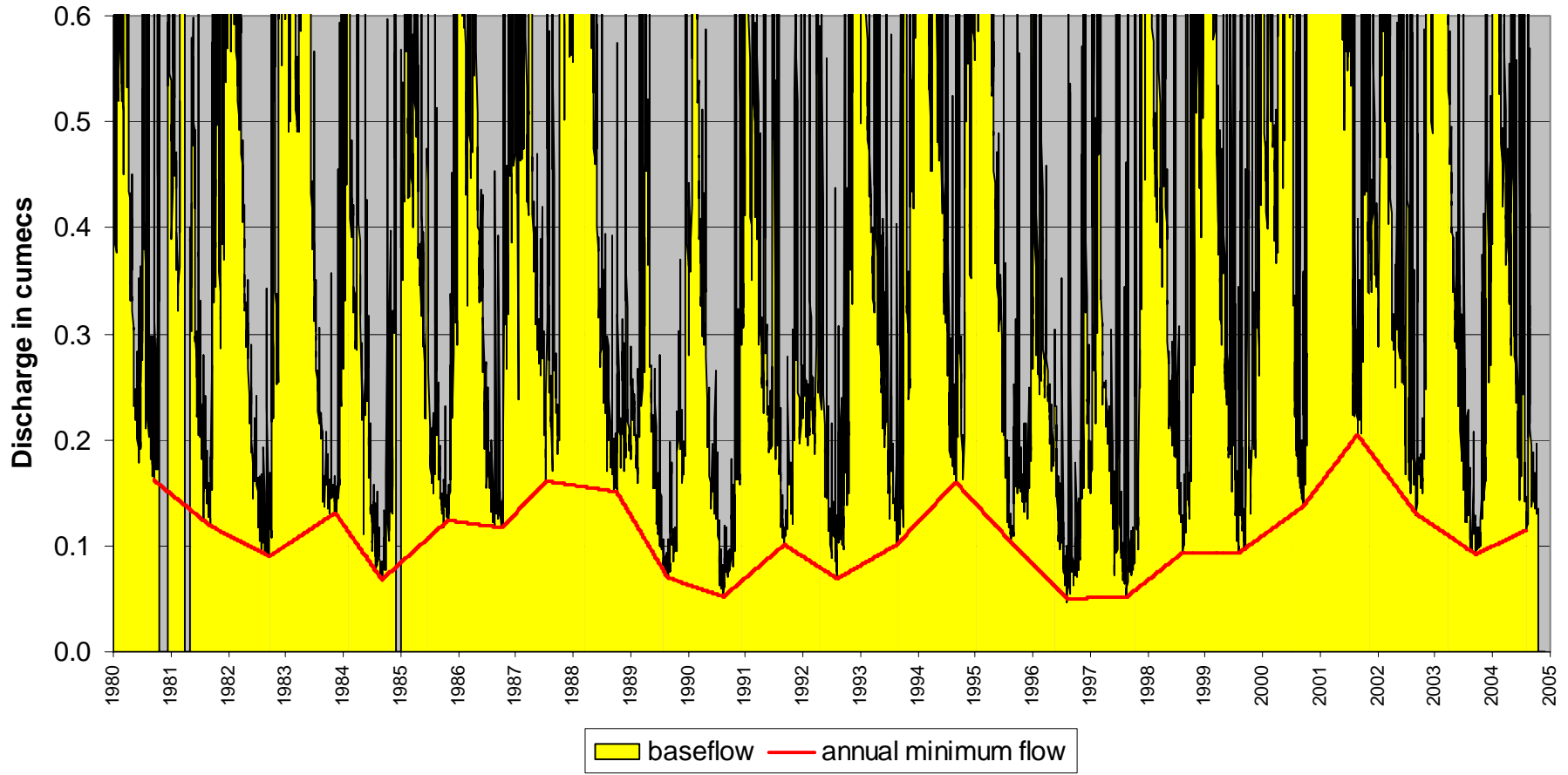
APPENDIX 5.3

ANNUAL MINIMUM FLOWS IN THE GREAT STOUR AND EAST STOUR

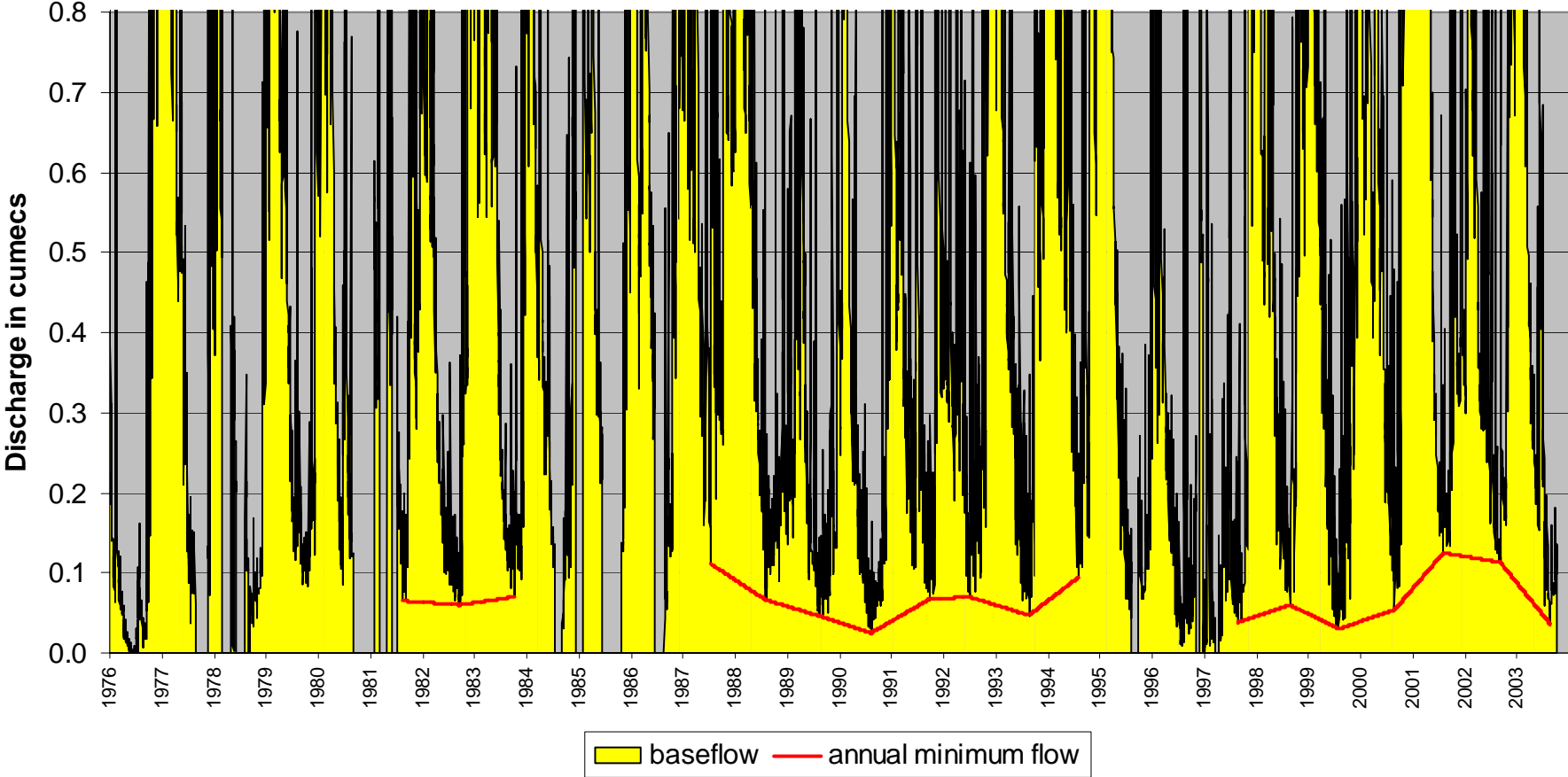
Year	Wye		Chart Leacon		South Willesborough	
	Min. flow m ³ /s	Date	Min. flow m ³ /s	Date	Min. flow m ³ /s	Date
1969	0.580	Oct.12	-	-	-	-
1970	0.523	Oct.15	-	-	-	-
1971	0.606	Oct.10	-	-	-	-
1972	0.519	Jul.16	-	-	-	-
1973	0.328	Sep. 8	-	-	-	-
1974	-	-	-	-	-	-
1975	0.602	Aug. 7	-	-	-	-
1976	0.239	Aug.25	-	-	0 ?	Jun./Jul.
1977	0.621	Oct.17	-	-	-	-
1978	0.563	Sep.27	-	-	-	-
1979	0.579	Sep.14	-	-	0.084	Oct.22
1980	0.736	Sep.14	0.162	Sep.14	-	-
1981	0.653	Aug.18	0.119	Sep. 6	(0.065)	(Aug.11)
1982	0.532	Sep.18	0.090	Sep.18	0.060e	Sep.18
1983	0.695	Nov.22	0.131	Nov.12	0.070	Oct. 7
1984	0.489	Sep. 2	0.068	Sep. 3	-	-
1985	0.652	Sep.27	0.124	Oct. 28	-	-
1986	0.654	Aug.18	0.117	Oct. 5	-	-
1987	0.987	Aug.16	0.161	Jul. 14	0.111	Jul.13
1988	0.628	Oct. 2	0.151	Oct. 4	0.066	Aug. 1
1989	0.469	Aug.19	0.070	Aug. 24	0.045	Sep. 1
1990	0.411	Aug. 5	0.052	Aug.14	0.025	Aug. 8
1991	0.612	Oct.19	0.101	Sep. 5	0.067	Sep.21
1992	0.495	Jun.29	0.069	Aug. 6	0.07	Jun.27
1993	0.596	Jul. 8	0.101	Aug.19	0.047	Aug.20
1994	0.756	Aug.21	0.160	Aug.29	0.095	Aug. 6
1995	0.362	Aug.28	0.103	Aug.17	(0.044)	(Aug. 4)
1996	0.389	Aug. 8	0.050	Aug. 7	0.010	Jul.25
1997	0.443	Sep.27	0.052	Aug.21	(0.038)	(Aug.20)
1998	0.561	Aug.30	0.094	Aug.14	0.060	Aug.21
1999	0.621	Sep.11	0.093	Jul.31	0.030	Jul.30
2000	0.857	Sep. 9	0.137	Sep.14	0.054	Aug.24
2001	0.947	Aug. 1	0.205	Aug.25	0.125	Aug. 1
2002	1.302	Sep. 1	0.130	Sep. 3	0.113	Sep. 5
2003	1.106	Aug.21	0.092	Sep.17	0.036	Aug.19
2004			0.115	Aug. 6		
Max.	1.302	01/09/02	0.205	25/08/01	0.125	01/08/01
Mean	0.621		0.110		0.060	
Min.	0.239	25/08/76	0.050	07/08/96	0.010	25/07/96

- Notes:
1. Flows at Wye include discharges from Ashford STW
 2. Records have been scrutinised, some gaps infilled and some anomalously values ignored
 3. Brackets indicate that value may not be the minimum as there are gaps in the record
 4. e = value corrected by estimation

Daily flow in the Great Stour at Chart Leacon



Daily flow in the East Stour at South Willesborough



Daily flow in the Great Stour at Wye

