

Appendix E

Data Lists

Table E.1.1 Appearance quality grade 5^a

48.78	32.02	45.54	32.40	48.37	50.98	35.58	40.53	29.11	65.35
41.64	39.34	34.12	33.06	29.93	40.71	28.97	47.25	65.61	45.19
39.77	46.33	45.92	33.47	36.38	34.63	34.56	32.68	37.78	70.22
35.89	46.99	36.47	35.67	46.86	24.84	28.69	43.26	43.33	41.75
54.04	22.67	28.98	28.46	36.00	28.83	38.64	47.61	53.63	37.51
35.43	39.62	40.85	23.16	23.19	42.31	24.25	28.13	41.85	31.60
22.75	44.78	56.60	44.51	36.88	39.33	44.54	32.48	33.19	37.65
44.78	26.63	28.76	42.47	44.30	39.93	40.85	36.81	39.15	28.00
43.99	43.48	47.42	48.39	44.59	39.60	39.97	35.88	54.71	46.01
47.74	30.05	33.61	38.05	44.00	38.16	37.69	33.92	43.64	43.48
25.39	30.33	44.36	35.03	40.39	43.33	41.78	57.99	56.80	40.27
38.00	39.21	35.30	31.33	41.72	69.07	33.14	49.57	43.07	39.05
25.98	51.39	33.18	27.31	29.90	51.90	55.23	40.20	43.12	32.76
36.84	50.91	36.85	53.99	35.17	33.71	36.53	49.59	30.02	45.97
34.49	49.65	17.98	43.41	34.44	46.50	22.74	32.03	38.81	23.14
38.71	47.83	27.90	28.71	27.93	36.92	34.40	39.20	24.09	53.00
30.53	44.07	44.36	58.34	0.00					

^aModulus of rupture data from 50 mm × 150 mm Swedish redwood and whitewood timber in neutons per square millimeter.
 Source: By kind courtesy of the Building Research Establishment, Timber Division, Garston; Watford, England.

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Table E.1.2 Density and compressive strength at 28 days from examination of 40 concrete cube test records during the period 8 July 1991 to 21 September 1992, and arranged in reverse chronological order

Date	Density (kg/m ³)	Compressive strength (N/mm ²)
21 September 1992	2437	60.5
29 June 1992	2437	60.9
26 June 1992	2425	59.8
14 April 1992	2427	53.4
31 March 1992	2428	56.9
19 March 1992	2448	67.3
9 March 1992	2456	68.9
7 February 1992	2436	49.9
28 January 1992	2435	57.8
18 December 1991	2446	60.9
6 December 1991	2441	61.9
6 December 1991	2456	67.2
6 December 1991	2444	64.9
5 December 1991	2447	63.4
4 December 1991	2433	60.5
3 December 1991	2429	68.1
2 December 1991	2435	68.3
22 October 1991	2471	65.7
18 October 1991	2472	61.5
14 October 1991	2445	60.0
9 October 1991	2436	59.6
7 October 1991	2450	60.5
3 October 1991	2454	59.8
2 October 1991	2449	56.7
30 September 1991	2441	57.9
27 September 1991	2457	60.2
23 September 1991	2447	55.8
20 September 1991	2436	53.2
17 September 1991	2458	61.1
13 September 1991	2415	50.7
10 September 1991	2448	59.0
9 September 1991	2445	63.3
6 September 1991	2436	52.5
3 September 1991	2469	54.6
2 September 1991	2455	56.3
29 August 1991	2473	64.9
23 August 1991	2488	69.5
12 July 1991	2454	58.9
9 July 1991	2427	54.4
8 July 1991	2411	58.8

Source: By kind courtesy of Mr. L. K. Moore, Technical Manager, Douglas Concrete & Aggregates, Barton-on-Trent, England.

Table E.1.3 Dissolved oxygen (DO) and biochemical oxygen demand (BOD) at 38 stations along the Blackwater River in units of milligrams per liter

DO	8.15	5.45	6.05	6.49	6.11	6.46	6.22	6.05
BOD	2.27	4.41	4.03	3.75	3.37	3.23	3.18	4.08
DO	6.3	6.53	6.74	6.9	7.05	7.19	7.55	6.92
BOD	4	3.92	3.83	3.74	3.66	3.58	3.16	3.43
DO	7.11	7.28	7.44	7.6	7.28	7.44	7.59	7.73
BOD	3.36	3.3	3.24	3.19	3.22	3.17	3.13	3.08
DO	7.85	7.97	8.09	8.19	8.29	8.38	8.46	8.54
BOD	3.04	3	2.96	2.93	2.89	2.86	2.82	2.79
DO	8.62	8.69	8.76	9.26	9.31	9.35		
BOD	2.76	2.73	2.7	2.51	2.49	2.46		

Source: By kind courtesy of the Severn Trent Authority, Birmingham, England.

Table E.5.1 Road rutting measurements at Section 1, Site 6 in millimeters; base thickness 305 mm; base material, dense bituminous macadam

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960	0.01	2.9	0.9	0.01	1.5
14 November 1960	0.6	3.7	2	3	0.9
14 May 1961	0.2	3.7	1.8	3	1.1
28 August 1961	0.6	3.8	2.3	3.5	0.8
5 March 1962	1.8	4.1	1.8	3.2	0.6
19 September 1962	0.7	4.1	2.3	3.5	0.8
24 April 1963	0.7	4	1.9	2.9	0.8
10 October 1963	0.7	4.1	2.3	4.1	0.5
7 February 1964		4.1	2.1	3.4	0.6
3 October 1964	1.3	3.5	2.1	3.4	0.8
12 March 1965	1.8	4.3	2.3	3.4	0.8
26 September 1965	1.1	4	2	4	1.1
26 March 1966	1.1	3.6	1.9	5.3	0.01
21 May 1967	1.8	3.2	2.7	5.5	0.5
10 October 1969	3.1	3.8	3.8	4.1	0.01
3 October 1970	1.9	4.7	4	5	0.01
3 April 1971	1.7	5.3	2.4	4	0.01
10 October 1971	3.7	4.4	2.3	4.1	1.4
10 April 1972	1.5	3.5	3	5.5	1.3
3 October 1972	1.7	5.8	2.1	5.3	0.3
14 May 1973	1.8	5.2	3.2	4	0.01
31 July 1974	1.8	4.5	3.2	6.2	0.01
12 September 1975	3.7	4	4.6	5.3	0.01
17 October 1976	1.8	4	2.9	5.8	1.1
17 October 1977	2.4	4	3.7	5.8	0.3
17 October 1978	1.8	4.1	2.9	5.9	0.01
19 September 1979	2.9	5.2	2.5	5.3	0.01
14 May 1980	2.8	3.6	3.2	6	0.2

Note: The original data are in inches; measurements of 0.01 mm in this and in the following five tables denote zero rutting.
Source: Tables E.5.1 to E.5.6 are used by kind courtesy of the Transport Research Laboratory, Old Wokingham Road, Crowthorne, Berkshire, England.

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Table E.5.2 Road rutting measurements at Section 2, Site 6 in millimeters; base thickness 229 mm; base material, dense bituminous macadam

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960	1.7	1.4	0.01	0.9	2.1
14 November 1960	0.01	4.9	4.6	1.5	2.3
14 May 1961	0.01	4.9	3	1.2	2
28 August 1961	0.01	5.3	4	1.7	2.3
5 March 1962	0.01	5.1	4	1.8	2.4
19 September 1962	0.01	5.8	4.1	1.5	2.4
24 April 1963	0.01	7.6	3	1.6	2.9
10 October 1963	0.01	5.3	4.5	2	2
7 February 1964	0.01	5.8	4	2	2.5
3 October 1964	0.01	5.6	3.7	1.4	2.6
12 March 1965	0.6	7.7	4.6	2.1	2.6
26 September 1965	0.5	6.1	4.3	2	2.7
26 March 1966	0.3	5.6	5.9	4.1	2
21 May 1967	0.4	5.8	4.6	1.7	2
10 October 1969	0.7	6.2	5.6	2.3	2.9
3 October 1970	1	6.4	5.6	4.4	1.4
3 April 1971	0.01	6.7	5.6	3.8	2.3
10 October 1971	1	7.2	4.9	2.7	3
10 April 1972	1.6	7	6.1	4.1	3.4
3 October 1972	0.9	8.5	5.6	2.4	2.4
14 May 1973	0.01	7.3	4.6	3.3	3
31 July 1974	0.01	8.5	4.8	3.7	2.7
12 September 1975	1.3	8.2	5.6	3.8	4
17 October 1976	1.2	7.6	5.9	1.5	2.8
17 October 1977	1.2	8.7	6.4	3.7	3.8
17 October 1978	0.9	6	5.2	3.8	3.4
19 September 1979	0.01	5.2	6.4	3.1	2.8
14 May 1980	0.5	5.8	5.2	4.1	3.2

Table E.5.3 Road rutting measurements at Section 3, Site 6, in millimeters; base thickness 152 mm; base material, dense bituminous macadam

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960	0.8	2.4	2.7	3	1.1
14 November 1960	2.9	2.7	1.8	3.8	1.7
14 May 1961	2.5	3	0.8	3.2	1.7
28 August 1961	2.9	2.9	2.1	2.9	1.7
5 March 1962	2.9	3	2	3.3	1.7
19 September 1962	2.6	3	2.3	2.9	1.5
24 April 1963	2.9	2.9	2.9	4.2	2.4
10 October 1963	3.4	3.4	2.3	3.5	2.3
7 February 1964	3.4	3.4	3.2	2.9	1.8
3 October 1964	3	3	2	3.5	2.1
12 March 1965	3.1	2.7	2.9	3.2	2.6
26 September 1965	3.8	3	1.8	4.4	2.3
26 March 1966	4.7	3.3	3.7	4	2.7
21 May 1967	3.5	5.6	2.4	5.4	2.4
10 October 1969	4.8	4.5	2.3	4.1	2.8
3 October 1970	5.7	4	2.4	4.8	4.5
3 April 1971	6.2	4.3	3.6	4.8	4.3
10 October 1971	3.4	4.4	3.4	5.5	3.1
10 April 1972	4.9	5.4	3.2	5.9	3
3 October 1972	6.1	5.1	3.2	3.3	3.8
14 May 1973	7.2	3.8	3.5	3.9	2.9
31 July 1974	7.3	4.5	3	4.1	3.7
12 September 1975	5.5	5.6	2.8	4.9	4
17 October 1976	5.2	4.5	2.9	4.4	3.5
17 October 1977	5.4	5.9	3.2	4.9	4.6
17 October 1978	5.8	5.6	3.8	4.3	4
19 September 1979	5.1	6	4	4.8	4.1
14 May 1980	5.9	6.6	3.9	5.6	4.1

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Table E.5.4 Road rutting measurements at Section 4, Site 6 in millimeters; base thickness 152 mm; base material, hot-rolled asphalt

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960	2.9	0.01	0.01		1.8
14 November 1960	4	1.4	0.5	1.4	3.2
14 May 1961	3.6	1.4	0.01	2	3.4
28 August 1961	4.1	1.6	0.01	2	3.4
5 March 1962	3.9	1.3	0.8	2.3	3.7
19 September 1962	4.2	1.3	0.01	2.1	3.5
24 April 1963	4.1	1.8	0.6	1.5	3.7
10 October 1963	4.7	1.3	0.01	1.8	4.1
7 February 1964	4.8	1.5	1	2	5.2
3 October 1964	4.7	1.3	0.7	1.8	4.3
12 March 1965	3.7	1.3	0.01	2	3.8
26 September 1965	4.5	1.6	0.9	2.4	4.4
26 March 1966	4.8		1.5	2.6	4.9
21 May 1967	5.3	1.4	0.6	1.5	3.8
10 October 1969	5.4	1.8	0.3	2.6	4.1
3 October 1970	6.1	1.1	1.1	2.1	5.1
3 April 1971			1.4	2.7	3.7
10 October 1971	6.1	2.1	0.8	2.7	3.4
3 April 1972	6.3	1.4	1	2.1	6.2
3 October 1972	5.7	2.6	0.8	1.1	5.2
30 April 1973	6.5	1.6	1.4	2.3	
28 August 1975	6.2	2.8	1.4	1.3	5.5
3 October 1976	6.8	1.5		2.6	4.5
3 October 1977	6.9		1.4	2.5	5.4
17 October 1978	7.9	2.3	1.3	2.1	5.9
28 August 1979	6.9	3.7	1.7	2	5.3
30 April 1980	7.5	2.4	0.6	2.3	6.1

Table E.5.5 Road rutting measurements at Section 5, Site 6 in millimeters; base thickness 229 mm; base material, hot-rolled asphalt

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960	1.2		0.01	0.6	1.1
14 November 1960	2.3	4.1	1.5	2.9	
14 May 1961	2.6	4.1	1.2	3.2	2.6
28 August 1961	2.9	4.4	1.2	3	2.9
5 March 1962	3.2	4.3	1.1	2.9	3
19 September 1962	2.9	4	1.4	3.5	3.3
24 April 1963	3.1	4.7	1.5	3.1	3.2
10 October 1963	3.2	4.7	0.8	3.5	3.1
7 February 1964	3.2	5.3	1.5	3.2	3.3
3 October 1964	3	4.7	1.3	3.4	2.9
12 March 1965	2.5	4.9	2	3.4	4.6
26 September 1965	3	4	1.5	3.6	3.3
26 March 1966	3.3	4.7	3	3.8	4.6
21 May 1967	4.4	4.9	1.8	4	3.7
10 October 1969	3.2	4.1	2	4.9	3.5
3 October 1970	3.8	3.7	3.7	3.4	3
3 April 1971	3.2	2.9	3.8	4	3.6
10 October 1971	3	5		3.5	3.8
3 April 1972	3.4	4.7	1.6	3.9	3.4
3 October 1972		3.7	2.9	4.2	4.3
30 April 1973	3	3.5	1.8	5.1	3.9
28 August 1975	3	5	2.4	3.2	
3 October 1976	4.4	3.7	3.2	4.8	4.8
3 October 1978	3.5	5.8	1.4	3.7	5.5
28 August 1979	2.8	3.2	1.4	3.7	4.1
30 April 1980	4.3	4.1	1.2	4.1	4.1

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Table E.5.6 Road rutting measurements at Section 6, Site 6 in millimeters; base thickness 305 mm; base material, hot-rolled asphalt

Date	Location 1	Location 2	Location 3	Location 4	Location 5
7 May 1960		0.8	4.4	2.7	0.01
14 November 1960	3.5	2.8	3.9	4.2	2.9
14 May 1961	3.7	3.2	6.2	3.9	3
28 August 1961	3.6	3.4	6.4	4.2	3
5 March 1962	3.2	3.5	6.1	4	3.5
19 September 1962	4.2	3.3	6.4	4	3.2
24 April 1963	4.5	4.6	6.4	4.2	3.9
10 October 1963	4.5	4.5	6.8	4.4	3.8
7 February 1964	4.6	4.5	6.9	4.5	3.6
3 October 1964	5	3.8	6.2	4.4	3.6
12 March 1965	4.4	4.8	6.4	5.6	4.3
26 September 1965	5.2	4.9	6.5	4.5	4.2
26 March 1966	4.3	4.7		6.6	
21 May 1967	5.3	5.1		4.6	4.2
10 October 1969	5.1	5.1	6.2	4.8	5.5
3 October 1970	4.1	5.9	7.9	5.6	3.9
3 April 1971	6.2	7.9			3.8
10 October 1971	3.8	6.8		5.9	3.6
3 April 1972	4.6	5.4	7.6	5.2	4
3 October 1972	4.2	4.2	7.5	5	
30 April 1973	5.2	6.2	7.8	5	6.3
28 August 1975	3.8	6.1	6.8	5.6	6.3
3 October 1976	4.6	7.3	6.5	5.9	5.9
3 October 1978	4	7.4	8.5	6.5	5.9
19 September 1979	4.6	6.6	9.6	6.2	6.2
30 April 1980	4.6	7.7	9	5.7	6.2

Table E.5.7 Annual maximum flows in cubic feet per second from North America with suspected outliers

1. N. Fork Sun River near Augusta, Montana 06078500; 1911; 25; (1911 2 1946 23); 1968									
2,390	2,280	2,190	3,520	4,840	2,720	3,340	3,170	2,140	3,990
4,580	2,900	4,170	3,330	2,830	3,960	2,660	3,400	2,830	1,680
51,100	3,370	2,810	3,370	2,600					
2. Two Medicine River near Browning, Montana 06092000; 1907; 42; (1907 1 1909 4 1914 11 1951 26); 1976									
7,950	7,600	1,790	4,140	2,900	1,640	1,840	4,300	5,160	5,160
2,030	2,150	2,320	3,180	2,340	2,890	4,620	2,280	6,520	5,860
2,590	5,020	3,960	2,720	3,940	2,100	3,350	1,790	1,540	100,000
4,000	1,970	5,920	2,700	3,500	8,310	3,880	4,020	1,910	2720
74,500	3,390								
3. Twin Creek near Germantown, Ohio 03272000; 1913; 60; (1913 1 1915 9 1927 50); 1976									
66,000	9,390	7,880	6,950	6,510	7,640	8,480	5,630	6,070	4,270
5,400	6,410	7,640	6,800	2,470	5,520	7,350	3,370	4,370	4,790
7,890	6,150	5,850	5,250	1,720	4,460	7,200	5,370	6,360	5,250
7,040	5,870	7,520	6,740	6,690	8,790	2,610	1,420	3,970	7,340
7,860	7,010	8,590	2,970	6,300	5,790	8,400	7,420	4,900	4,430
5,980	7,760	6,010	6,280	5,260	4,210	5,300	5,800	7,460	5,140
4. Waterton River near international boundary 05011500; 1948; 17; ; 1964									
2,510	1,890	2,560	2,190	1,520	2,520	2,710	2,260	2,360	1,870
1,850	2,160	2,020	2,520	1,440	1,840	12,400			
5. Belly River near Mountain View, Alberta 05011000; 1912; 65; ; 1976									
1,030	2,070	1,370	1,372	2,729	3,100	1,643	1,934	1,925	1,730
2,040	2,230	1,500	2,030	644	2,670	2,040	1,400	1,360	1,300
1,800	1,920	2,900	1,640	1,300	3,960	2,070	1,008	1,080	936
2,510	1,910	1,050	1,680	1,540	1,420	3,220	1,330	2,210	3,020
1,020	4,500	2,470	2,140	2,180	2,000	1,900	1,960	1,550	1,950
1,130	1,810	16,400	2,540	1,890	2,330	1,550	2,450	3,600	1,910
2,710	1,590	2,510	14,700	1,730					
6. Little River at Buffumville, Massachussets 01124500; 1940; 38; 1977									
516	168	502	264	337	331	334	255	448	181
208	520	356	518	1220	8340	518	280	396	429
382	259	278	255	224	137	145	294	340	288
268	182	321	330	360	284	330	294		
7. Belly River at international boundary 05010000; 1948; 17; ; 1964									
1,810	972	1,770	1,570	751	2,450	1,720	1,540	1,740	1,320
1,240	1,570	1,270	1,630	790	1,320	12,000			

(continued)

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Table E.5.7 (continued)

8. Yakdin River at Wilkesboro, North Carolina 02112000; 1904; 63; (1904 6 1916 1 1921 56); 1976									
9,250	16,000	26,800	24,200	14,700	22,600	11,6000	10,700	11,300	13,600
13,700	12,300	12,000	4,020	22,000	10,300	29,000	6,030	7,500	19,200
10,600	11,000	10,800	17,100	19,300	11,600	160,000	10,200	13,200	9,530
11,800	23,200	9,350	14,200	9,250	12,800	5,770	12,300	12,800	11,300
11,800	10,200	7,650	15,500	6,640	15,200	11,600	8,600	6,800	6,100
5,570	8,120	9,300	5,180	5,800	7,800	12,700	4,620	9,080	8,570
9,740	7,660	10,400							
9. Great Miami River at Taylorsville, Ohio 03263000; 1913; 60; (1913 5 1922 55); 1976									
12,7000	11,400	11,400	26,400	14,700	17,300	10,600	21,600	5,610	13,800
21,600	14,000	23,700	20,600	4,750	9,430	25,500	5,500	11,400	15,600
25,500	16,600	13,600	14,600	4,980	12,800	21,900	17,700	17,200	8,410
20,200	16,200	17,200	20,300	18,300	21,500	9,210	7,520	9,000	14,000
17,200	21,400	31,400	6,310	16,100	12,400	24,300	18,800	11,500	8,570
12,200	10,800	12,700	13,900	13,100	11,600	14,100	15,700	22,600	11,400
10. Quinebaug River at Quinebaug, Connecticut 01124000; 1932; 45; (1932 42 1975 3); 1977									
1,260	1,800	2,310	2,140	10,500	2,280	19,000	1,700	2,550	1,210
2,110	1,340	1,460	1,560	1,490	1,180	2,370	1,020	1,020	2,940
1,990	2,240	5,990	49,300	2,830	1,410	1,970	3,160	2,170	1,490
1,730	1,570	1,350	985	838	1,480	2,760	2,100	2,500	907
2,070	2,440	1,850	2,620	2,170					
11. North Fork New River at Crumpler, North Carolina 03162500; 1878; 43; (1878 1 1901 1 1909 8 1928 32 1966 1); 1966									
44,300	23,500	6,660	2,700	4,190	4,320	7,960	2,590	5,290	39,000
5,970	6,250	6,670	2,980	4,570	3,670	4,220	7,500	5,910	3,450
3,900	3,670	73,000	3,450	3,850	7,780	6,620	11,400	8,830	7,290
6,380	11,300	4,870	17,100	4,380	5,730	7,920	7,900	9,500	10,000
3,930	7,950	10,600							
Key to line beneath station listings: station index; starting year; number of years of data; (excluding missing years: starting year and number of years); last year.									
Source: By kind courtesy of U.S. Geological Survey.									

Table E.5.8 Annual maximum flow of Tevere (Tiber) River observed at Ripetta, a gauging station in Rome, central Italy, from 1921 to 1974

Year	x (m ³ /s)	Year	x (m ³ /s)	Year	x (m ³ /s)	Year	x (m ³ /s)	Year	x (m ³ /s)	Year	x (m ³ /s)
1921	1092	1930	775	1939	985	1948	1600	1957	612	1966	1325
1922	1099	1931	1166	1940	1346	1949	714	1958	822	1967	528
1923	1440	1932	843	1941	1553	1950	794	1959	1370	1968	622
1924	1083	1933	1508	1942	1370	1951	1460	1960	1380	1969	355
1925	1621	1934	1876	1943	743	1952	1240	1961	510	1970	468
1926	1132	1935	1696	1944	1340	1953	1230	1962	810	1971	472
1927	935	1936	1690	1945	896	1954	1270	1963	735	1972	664
1928	1540	1937	2730	1946	1600	1955	861	1964	259	1973	717
1929	1966	1938	1440	1947	2190	1956	1355	1965	1290	1974	950

Table E.6.1 Some characteristics of stream basins on the left bank of the Po basin in northern Italy

Index	Stream basin outlet	Annual runoff (mm)	Annual rainfall (mm)	Mean elevation (m)	Longest flow path (km)	Area of basin (sq km)
1	Pian di Nambron	1654	1350	2329	5.59	20.42
2	Saone	1374	1621	1593	35.38	506.19
3	Nago	910	1263	1479	73.82	937.63
4	Capo di Ponte	1189	1293	1857	50.42	781.11
5	Ponte Cene	1453	1666	1335	43.12	426.86
6	Ponte Briolo	1278	1593	1140	54.03	763.11
7	Tirano	818	932	2136	55.86	616.83
8	Fuentes	1047	1121	1844	138.60	2323.09
9	Colombaio	589	1398	144	12.98	38.90
10	Ponte Gurone	769	1615	472	13.69	84.41
11	Santino	1730	2113	1230	17.43	62.80
12	Caderese	1571	1457	2146	25.93	185.45
13	Candoglia	1382	1519	1641	74.66	1461.86
14	Ponte Folle	1600	1936	1350	23.56	149.41
15	Campertognio	1295	1427	2120	22.12	171.37
16	Ponte Aranco	1428	1735	1480	49.39	697.75
17	Passobreve	1461	1803	1495	13.63	73.78
18	D'Ejola	1733	1280	3112	3.08	28.51
19	Gressoney St. Jean	1357	1191	2615	12.17	89.79
20	Saint Oyen	1023	1283	2206	10.44	68.85

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Table E.6.2 Biochemical oxygen demand (BOD), nitrates (NO₃-N) and ammonia (NH₃-N) at 38 stations along the Blackwater river in units of milligrams per liter

Station	BOD	NO ₃ -N	NH ₃ -N
1	2.27	1.97	0.11
2	4.41	12.83	0.61
3	4.03	11.11	0.53
4	3.75	9.86	0.47
5	3.37	9.54	0.62
6	3.23	8.85	0.56
7	3.18	8.02	0.64
8	4.08	8.94	1.14
9	4	8.76	1.11
10	3.92	8.59	1.07
11	3.83	8.43	1.04
12	3.74	8.27	1
13	3.66	8.13	0.97
14	3.58	7.99	0.94
15	3.16	6.72	0.83
16	3.43	9.23	0.94
17	3.36	9.1	0.93
18	3.3	8.97	0.91
19	3.24	8.85	0.89
20	3.19	8.74	0.88
21	3.22	9.8	0.95
22	3.17	9.64	0.93
23	3.13	9.49	0.9
24	3.08	9.34	0.88
25	3.04	9.2	0.86
26	3	9.06	0.84
27	2.96	8.03	0.82
28	2.93	8.81	0.8
29	2.89	8.69	0.78
30	2.86	8.57	0.76
31	2.82	8.45	0.74
32	2.79	8.35	0.73
33	2.76	8.24	0.71
34	2.73	8.14	0.7
35	2.7	8.04	0.68
36	2.51	6.54	0.48
37	2.49	6.51	0.47
38	2.46	6.46	0.46
Mean	3.218	8.533	0.781
Standard deviation	0.496	1.580	0.213
Coefficient of variation	15.6%	18.5%	27.3%

Source: By kind courtesy of the Severn Trent Authority, Birmingham, England.

Table E.7.1 Annual maximum hourly storm depth in millimeters at Genoa University, Italy, from 1931 to 1988

Year	x (mm)	Year	x (mm)	Year	x (mm)	Year	x (mm)	Year	x (mm)	Year	x (mm)
1931	38.6	1941	40.2	1951	76.2	1961	66.5	1971	50.4	1981	89.4
1932	33.7	1942	53.8	1952	27.4	1962	24.5	1972	43.2	1982	27.2
1933	33.8	1943	26.9	1953	69.4	1963	64.1	1973	39.6	1983	32.7
1934	79.2	1944	34.7	1954	22.8	1964	53.9	1974	38.7	1984	105.7
1935	58.6	1945	72.6	1955	34.8	1965	66.5	1975	40.2	1985	25.3
1936	39.3	1946	30.2	1956	38.8	1966	32.9	1976	55.7	1986	27.6
1937	33.2	1947	42.7	1957	39.8	1967	52.4	1977	118.9	1987	128.5
1938	29.2	1948	54.5	1958	29.3	1968	27.8	1978	25.0	1988	24.7
1939	46.7	1949	30.0	1959	58.1	1969	23.3	1979	55.6		
1940	80.0	1950	30.0	1960	48.5	1970	80.0	1980	40.1		

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Table E.7.2 Hydrologic data of the Po basin at Pontelagoscuro, northern Italy, from 1918 to 1978

Year	Annual maximum flow (m ³ /s)	Annual minimum flow (m ³ /s)	Annual minimum 7-day flow (m ³ /s)	Mean annual flow (m ³ /s)	Rainfall (mm)	Runoff (mm)
1918	5390	910	944	2010	1133	904
1919	4240	826	856	1440	999	648
1920	7220	969	1005	2400	1501	1080
1921	3000	569	590	1220	807	549
1922	2590	380	394	1070	1051	481
1923	2980	563	580	1280	969	576
1924	3920	749	813	1400	997	630
1925	3460	696	713	1530	1090	688
1926	8850	740	757	2040	1356	918
1927	3760	825	861	1630	1133	733
1928	8600	538	563	1800	1171	810
1929	2220	428	463	1090	876	490
1930	5400	607	618	1660	1159	747
1931	3700	508	527	1180	993	531
1932	4150	555	571	1420	1112	639
1933	4690	437	463	1310	1128	589
1934	6810	855	875	2050	1345	922
1935	6620	529	565	1750	1290	787
1936	6620	787	797	2310	1259	1039
1937	7700	668	675	2130	1529	958
1938	4380	287	305	1150	940	517
1939	3900	745	800	1780	1196	801
1940	5420	424	447	1350	1046	607
1941	6870	720	749	1860	1218	837
1942	4600	366	383	1160	948	522
1943	3270	310	311	987	896	444
1944	3660	306	307	905	950	407
1945	6830	304	306	916	846	412
1946	5130	655	669	1510	1011	679
1947	5460	588	594	1300	1096	585
1948	6630	711	735	1610	1100	724
1949	7220	275	278	967	922	435
1950	3260	400	411	1020	978	459
1951	8940	830	837	2200	1496	990
1952	4200	450	510	1110	913	499
1953	7400	520	550	1370	1046	616
1954	4450	440	456	1500	1100	675
1955	2400	423	441	1060	886	477
1956	5090	426	445	1220	1028	549
1957	6990	540	544	1390	1215	625
1958	5680	425	466	1320	1142	594
1959	7730	470	524	1900	1422	855
1960	6510	939	981	2620	1654	1179
1961	4880	424	450	1330	987	598
1962	4540	354	361	1070	909	481
1963	6430	732	737	1980	1362	891
1964	5630	444	461	1370	1026	616
1965	6110	321	363	1300	1015	585

Table E.7.2 (continued)

Year	Annual maximum flow (m ³ /s)	Annual minimum flow (m ³ /s)	Annual minimum 7-day flow (m ³ /s)	Mean annual flow (m ³ /s)	Rainfall (mm)	Runoff (mm)
1966	7240	359	425	1570	1228	706
1967	2470	414	454	1120	885	504
1968	7830	653	711	1650	1264	742
1969	6080	577	593	1410	995	634
1970	3170	376	394	1070	986	481
1971	5270	433	469	1380	1017	621
1972	5940	664	688	1900	1349	855
1973	4030	474	486	1270	1029	571
1974	5590	421	442	1422	959	640
1975	5360	488	508	1730	1323	778
1976	8030	323	340	1750	1318	787
1977	7800	1030	1103	2630	1564	1183
1978	5540	650	668	1920	1197	864

Table E.7.3 Earthquake catalog for California north of latitude 32° and south of latitude 36°

Date and time (day/month/year hour minute)	Magnitude	Zone type ^a	Date and time (day/month/year hour minute)	Magnitude	Zone type ^a
29/11/1852 20.00	6.5	C	08/06/1934 4.47	6.1	B
11/7/1855 4.15	6.0	B	25/02/1937 16.49	6.0	A
9/1/1857 16.00	7.8	B	19/05/1940 4.36	6.9	B
16/12/1858 10.00	6.0	C	21/10/1942 16.22	6.6	A
27/5/1862 20.00	6.0	B	15/03/1946 13.49	6.0	C
15/11/1875 22.30	6.2	B	10/04/1947 15.58	6.6	C
5/9/1883 12.30	6.2	C	04/12/1948 23.43	6.0	A
9/2/1890 12.06	6.5	A	21/07/1952 11.52	7.5	B
24/2/1892 7.20	7.0	B	21/07/1952 12.05	6.4	B
28/5/1892 11.15	6.5	A	29/07/1952 7.03	6.3	C
30/7/1894 5.12	6.0	A	22/11/1952 7.46	6.0	C
25/12/1899 12.25	6.4	A	19/03/1954 9.54	6.4	A
03/03/1901 7.45	6.4	B	28/06/1966 4.26	6.0	B
19/04/1906 0.30	6.2	B	09/04/1968 2.28	6.5	A
04/11/1908 8.37	6.0	C	09/02/1971 14.00	6.7	B
23/06/1915 3.59	6.0	B	15/10/1979 23.16	6.4	B
10/11/1916 9.11	6.1	C	02/05/1983 23.42	6.4	C
21/04/1918 22.32	6.8	A	08/07/1986 9.20	6.2	A
10/03/1922 11.21	6.1	B	24/11/1987 13.16	6.5	A
23/07/1923 7.30	6.0	A	23/04/1992 4.50	6.1	C
29/06/1925 14.42	6.9	C	28/06/1992 11.57	7.3	B
04/11/1927 13.50	7.3	B	28/06/1992 15.05	6.2	C
11/03/1933 1.54	6.2	B	17/01/1994 11.18	6.7	B

^aType A zones contain faults for which paleoseismic data suffice to estimate conditional probabilities. Type B zones contain faults with insufficient data for conditional probability analysis. Type C zones contain diverse or hidden faults.
 Source: Data from Working Group on California Earthquake Probabilities (1995).

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Table E.7.4 Annual maximum 10-minute wind velocity in meters per second at three stations in Italy, from 1951 to 1973

Year	Station		
	Milan	Cagliari	Pantelleria
1951	13.89	20.06	26.24
1952	10.29	20.58	27.78
1953	16.46	15.43	30.87
1954	11.83	16.98	26.75
1955	11.83	15.43	27.78
1956	10.29	18.52	36.01
1957	9.77	15.43	29.84
1958	11.32	15.95	30.87
1959	18.01	19.03	25.72
1960	14.40	19.03	26.75
1961	19.55	18.52	33.44
1962	14.92	16.98	31.90
1963	10.29	14.40	25.21
1964	13.89	18.01	25.72
1965	11.32	19.03	28.29
1966	13.89	20.58	26.75
1967	13.38	19.55	21.61
1968	13.89	19.55	22.12
1969	12.35	16.46	20.58
1970	12.86	18.52	20.58
1971	15.43	18.52	21.61
1972	13.38	15.43	24.69
1973	20.06	—	25.72

Table E.10.1a Monthly mean temperatures at Chateaux-D'oex, Switzerland: Part 1

1901	3.8	8.0	1.3	5.7	9.9	13.2	14.8	13.1	11.3	5.4	2.0	3.0
1902	2.3	2.6	1.2	7.4	5.1	11.7	14.8	13.1	10.4	5.0	0.1	3.4
1903	2.8	0.2	2.3	1.6	9.4	11.2	13.2	13.4	11.0	6.6	0.6	3.8
1904	4.2	1.9	0.9	6.8	11.1	13.4	16.6	14.6	8.9	5.7	0.3	2.0
1905	6.0	3.5	1.8	5.7	8.2	13.1	16.5	13.3	11.0	1.3	0.2	2.9
1906	2.5	4.0	0.5	4.4	9.1	12.4	14.7	14.8	10.1	7.9	2.3	6.7
1907	4.4	6.0	0.5	3.7	9.8	12.4	12.7	14.3	11.4	6.8	2.4	1.2
1908	3.8	2.5	0.5	3.2	11.5	14.3	14.1	12.4	10.3	6.4	0.2	3.0
1909	5.4	5.6	1.3	6.7	9.0	10.8	12.1	12.9	9.4	7.0	1.3	1.0
1910	2.1	1.8	1.7	4.5	8.1	13.0	12.5	13.2	9.0	7.4	0.4	0.2
1911	6.4	2.2	1.6	3.9	9.8	12.2	17.0	16.5	12.7	6.4	3.0	0.2
1912	0.9	1.7	3.2	3.8	10.2	12.6	13.4	10.7	6.0	4.5	2.7	1.6
1913	0.4	2.3	3.1	4.8	9.2	12.3	11.7	12.8	9.9	7.4	3.2	2.7
1914	8.3	0.3	1.2	6.9	8.1	11.6	12.6	14.1	9.7	5.6	0.1	0.6
1915	4.0	3.1	0.0	3.6	11.5	14.1	13.4	12.4	9.1	4.0	2.0	2.0
1916	1.3	1.0	1.1	5.0	10.5	10.8	13.6	13.0	8.8	5.7	0.8	1.3
1917	6.4	4.4	1.2	1.8	12.1	13.8	13.8	12.5	12.5	3.5	0.0	6.2
1918	1.6	0.6	0.8	4.9	10.7	10.4	14.2	13.1	11.0	4.2	0.9	0.1
1919	4.0	2.6	0.9	2.7	9.2	12.4	11.4	14.5	11.8	2.5	1.4	1.6
1920	0.7	0.0	3.2	5.8	12.6	12.2	13.9	11.7	10.4	6.2	1.5	2.8
1921	0.0	2.7	2.4	4.1	10.4	13.1	16.8	13.7	12.3	8.2	0.6	1.5
1922	3.9	2.5	1.6	2.8	11.1	13.5	12.9	13.5	8.4	4.4	0.7	3.8
1923	4.7	0.4	1.4	5.1	9.3	9.9	16.4	14.8	10.6	8.3	1.3	2.1
1924	3.5	4.7	0.8	5.1	10.7	12.8	14.3	10.5	10.5	6.0	1.0	0.9
1925	0.7	0.2	0.8	5.0	9.5	13.6	13.8	13.0	8.6	6.9	0.2	2.2
1926	2.9	2.8	2.8	5.8	7.4	10.1	13.4	13.5	12.4	6.6	3.6	4.4
1927	2.5	2.5	1.9	5.1	10.2	12.4	14.2	12.5	10.1	5.8	1.5	1.8
1928	1.6	1.0	2.5	5.2	7.3	12.9	17.2	15.5	10.7	5.6	2.6	4.3
1929	7.3	7.4	0.9	2.1	9.6	13.6	15.4	13.5	13.0	6.7	1.6	0.1
1930	0.5	2.9	2.4	5.3	8.2	14.7	13.0	13.4	11.4	5.6	3.9	3.0
1931	3.2	4.0	0.1	4.4	11.5	15.6	13.8	12.3	7.0	6.2	3.1	3.8
1932	1.5	6.2	0.1	3.1	8.4	11.8	13.7	16.3	13.2	6.0	2.2	0.2
1933	5.1	1.7	2.4	6.0	8.3	10.2	15.4	15.3	12.0	6.8	0.6	7.0
1934	3.3	3.1	0.9	7.2	11.5	13.0	15.5	12.6	12.1	5.7	0.3	1.9
1935	6.3	1.1	0.1	3.9	8.1	14.7	15.5	13.0	11.7	6.3	2.5	3.0
1936	1.4	1.1	3.3	4.7	10.1	12.0	13.6	13.6	10.7	2.3	1.6	1.2
1937	0.4	0.6	0.3	4.4	10.7	13.6	15.0	13.9	10.3	7.1	1.1	4.4
1938	2.8	3.9	3.2	2.5	8.1	14.1	14.0	13.7	11.4	6.5	3.7	3.1
1939	2.5	1.2	2.1	6.0	7.0	12.6	13.3	13.5	10.0	5.3	3.1	3.2
1940	7.0	1.1	1.7	5.4	9.1	12.2	13.2	12.7	10.7	5.8	2.5	7.9
1941	4.7	2.0	1.8	4.0	6.4	13.5	16.0	12.9	10.6	5.1	0.6	4.3
1942	7.0	6.7	3.2	5.7	9.7	13.7	14.8	14.5	12.9	8.9	1.3	0.9
1943	1.9	1.2	3.5	6.1	10.8	12.1	14.9	15.5	12.0	8.1	0.1	1.8
1944	1.6	5.0	1.4	6.7	9.9	12.3	14.4	16.7	10.4	4.8	0.8	3.6
1945	8.2	0.8	2.5	7.2	11.1	14.7	16.4	13.7	11.4	6.3	0.0	1.9
1946	4.0	0.2	2.7	8.3	11.2	12.1	15.7	13.7	11.8	5.9	1.4	4.3
1947	5.8	2.5	3.0	9.0	11.9	15.0	16.5	16.5	13.1	7.2	4.1	2.3
1948	0.2	0.6	5.5	6.2	10.7	11.8	12.3	13.7	10.8	6.9	2.8	2.2
1949	2.1	1.6	0.6	8.1	8.9	13.6	16.3	15.4	14.4	8.4	0.8	0.3
1950	3.2	0.4	2.5	3.9	11.3	15.0	17.4	14.6	10.7	6.2	2.1	4.4
1951	1.5	1.2	0.1	5.2	9.3	12.8	15.0	13.8	12.2	6.5	3.0	0.5
1952	4.2	3.9	2.7	7.3	10.9	14.7	17.3	14.5	8.2	5.8	0.3	2.5

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Table E.10.1b Monthly mean temperatures at Chateaux-D'oex, Switzerland: Part 2

1953	7.1	4.8	1.6	6.3	10.9	11.7	15.0	14.2	12.0	8.1	1.7	0.7
1954	5.6	3.1	2.6	3.8	8.5	13.3	12.8	12.5	11.5	6.7	2.5	1.0
1955	0.2	2.2	0.3	5.8	8.9	13.0	14.4	13.2	10.2	4.9	0.0	0.8
1956	1.4	11.2	1.7	3.5	10.1	10.6	14.2	12.5	12.2	4.5	0.9	2.5
1957	4.0	1.1	5.3	5.7	7.1	13.5	14.6	13.3	10.2	6.2	1.9	3.2
1958	3.3	0.4	1.3	2.8	11.7	12.2	14.7	14.7	13.0	5.4	1.3	0.0
1959	2.6	0.4	4.4	6.0	10.3	13.7	16.3	13.8	12.8	6.0	0.8	0.7
1960	3.4	0.2	3.3	5.4	11.2	13.9	12.9	13.0	9.4	5.6	2.9	2.6
1961	2.4	1.4	3.1	7.8	8.5	13.7	13.6	13.6	14.1	7.2	1.5	0.6
1962	1.2	2.8	1.0	4.8	8.0	12.4	14.2	15.6	11.0	6.6	0.1	5.5
1963	8.1	6.6	0.2	6.1	8.7	12.5	15.5	12.8	11.2	6.7	4.1	3.4
1964	4.7	0.2	1.5	6.6	11.5	14.1	15.8	13.6	11.6	5.0	2.4	3.3
1965	2.3	6.5	0.8	3.8	9.1	13.3	13.3	12.9	9.2	7.2	2.0	0.2
1966	4.8	2.8	0.4	6.7	10.1	13.7	13.0	12.8	12.6	8.6	0.5	2.0
1967	3.8	0.6	2.9	4.0	9.3	11.9	16.3	14.3	10.5	8.6	2.6	4.4
1968	3.8	0.7	1.2	6.5	9.0	12.4	14.2	12.2	10.3	9.0	2.0	2.7
1969	2.4	4.4	1.2	4.5	10.6	10.8	15.1	13.3	11.6	7.6	1.4	7.6
1970	2.0	1.8	1.5	2.2	8.1	14.1	14.6	14.2	12.3	5.9	3.3	3.3
1971	3.3	1.7	2.5	8.0	10.8	11.7	16.3	15.9	11.0	7.8	0.2	1.5
1972	2.2	0.7	3.3	4.8	8.7	11.8	14.4	13.4	8.5	5.4	2.5	1.9
1973	3.0	4.1	0.0	2.3	10.8	13.5	14.3	16.3	12.4	5.5	1.9	2.1
1974	0.1	0.4	3.9	5.4	8.8	11.6	14.2	15.4	10.7	1.6	0.9	0.4
1975	0.9	0.0	0.8	5.2	9.6	11.4	15.1	15.1	13.0	5.5	1.1	3.1
1976	2.0	0.2	1.4	5.1	10.5	15.1	15.3	13.2	9.9	7.9	1.3	4.1
1977	2.1	0.8	4.3	4.1	8.7	12.2	14.5	13.5	10.8	8.6	0.8	1.3
1978	2.7	1.5	2.5	4.1	8.5	12.0	14.0	13.2	11.3	6.3	1.3	0.4
1979	4.1	0.2	2.5	3.7	9.5	13.7	14.7	13.1	11.5	8.6	1.0	0.1
1980	4.0	0.7	2.1	2.9	8.2	11.2	13.0	15.2	12.5	6.0	1.1	3.8
1981	4.0	4.0	3.9	7.2	9.2	13.1	13.3	15.1	12.0	6.6	2.0	1.6
1982	0.2	0.5	0.8	5.1	10.3	14.0	16.8	14.3	13.5	7.0	3.6	0.1
1983	0.0	4.5	2.9	6.0	7.9	14.1	19.4	15.3	12.4	7.3	1.8	0.8
1984	1.5	3.7	0.7	4.5	6.9	12.7	15.4	14.5	10.2	7.8	4.6	0.3
1985	7.2	2.0	0.3	5.5	9.6	12.1	16.6	14.7	13.3	7.9	1.3	0.5
1986	1.9	5.6	2.2	3.8	12.1	13.5	15.0	14.9	12.2	8.6	2.6	1.1
1987	6.8	1.2	1.0	6.9	7.4	12.0	15.8	15.5	14.7	9.3	2.3	0.5
1988	1.2	1.2	0.4	6.9	11.3	12.8	15.4	15.4	11.6	9.1	0.7	1.0
1989	1.8	1.0	5.0	4.9	11.4	12.9	16.3	15.3	11.8	7.6	1.5	0.4
1990	0.8	3.6	4.2	4.7	12.1	12.7	16.2	16.1	11.2	8.9	1.5	3.5
1991	1.9	2.6	5.4	4.7	7.2	12.5	16.9	17.3	13.9	6.1	2.0	2.8
1992	3.2	0.6	3.8	6.5	11.9	12.9	15.8	17.6	12.0	5.7	4.4	0.9
1993	0.8	1.8	1.6	7.2	11.5	13.7	14.4	15.5	10.9	6.0	0.2	0.8
1994	0.1	0.6	6.3	4.4	11.1	13.9	17.8	16.9	11.6	7.8	5.4	0.9
1995	3.0	2.2	0.7	6.3	9.9	12.4	17.8	14.7	9.5	10.3	1.8	0.6
1996	0.1	2.6	0.8	6.9	10.2	14.4	14.9	14.8	9.0	7.4	2.3	1.1
1997	1.7	1.8	5.0	5.6	10.9	13.3	14.3	16.9	13.6	7.2	2.8	0.5
1998	1.6	0.8	3.3	5.8	11.3	14.4	16.4	15.8	11.3	7.6	1.3	2.5
1999	0.8	3.1	2.9	5.8	12.8	13.1	16.8	16.1	14.0	7.9	0.3	0.6
2000	3.7	0.6	3.2	7.4	12.1	15.7	13.8	16.2	12.8	8.1	2.9	1.3
2001	0.7	1.1	5.3	4.3	12.7	12.8	16.1	17.0	9.6	11.1	0.3	3.8
2002	2.1	2.6	4.8	6.8	9.9	16.6	15.6	14.9	11.1	8.1	3.4	1.2
2003	3.2	4.3	4.3	7.0	12.0	18.8	17.5	19.5	12.1	4.9	3.5	0.6
2004	1.1	0.8	1.8	6.6	9.7	14.1	15.8	15.8	13.1	9.3	1.5	1.2

Table E.10.2 Annual precipitation in mm from ten stations in the Puyango Basin, Ecuador

Year	Station									
	Saraguro	Celica	Zaruma	Marcabelli	San Lucas	Abamar	Pindo	Catocha	Cigne	Saracay
1963	865.5	1258.5	1305.6	1434.9	1031.6	1276	893.7	869.4	1933.5	1097.4
1964	637.1	1159.7	1629.7	1139.5	1245.7	989.5	1077.1	723.3	1768	71
1965	581.6	2444.7	1848.1	1881.8	1080.6	2581.4	1156	1494.8	3964.7	1110.1
1966	462.3	812.1	1207.1	1015	878	1143.5	843.4	895.7	1167.4	576.2
1967	570.1	992.4	1008.1	883.2	1024	862.3	1593.3	820.7	1476.4	705
1968	630.5	573.5	837.7	404.8	867.7	296.6	860.6	580.9	758.6	192.6
1969	793.8	1196.1	1499.7	1511.5	1046.7	1497.2	1200	1236.1	1825.4	1130.7
1970	971.3	703.1	1120.3	1068.1	1454	594.3	1057.3	708	980.7	906
1971	960	1130.3	1370.9	1338.3	1291.7	1224.2	1284.4	972.2	1187.3	1111.8
1972	833.2	1779.1	1374.5	1951	1095.5	2277.9	5477	1043.6	1570.7	1500
1973	726.6	1374.9	1739.8	2234.2	1938.7	1678.1	1250.3	897.4	1110.2	2272.9
1974	1041.7	934.1	1052.4	1297	1019.4	830.8	1139.7	729.7	1769.5	636.1
1975	880.3	1376.8	1715.4	2139.1	1356.8	1868	1500.6	1167.3	1141.5	1645.5
1976	920.9	2127.9	1574.7	1693.3	1063.3	1841.7	1222.9	1263.4	1141.5	2327.2
1977	634.5	1350.4	1179.3	1214.9	1023.5	1160.8	1081.8	568.5	873.7	846
1978	810.7	1257	769.3	719.1	1053.9	747.4	602.8	486.8	642.3	1818
1979	687.3	1167.8	1304.6	1366.6	834.4	1073.6	1167.1	580.5	745.7	201.3
1980	878.8	701.4	1279.3	1263.3	1168.3	508.8	948	622.3	1297.7	191.5
1981	761.5	1124	1246.9	1296.8	75.2	899.1	1151.4	898.3	1147.9	194.7
1982	885.3	1147.1	1772.7	1444.5	779	1293	1539.1	787.4	1420.9	252.2
1983	809.4	2508.1	1968.4	2335.9	1070.7	3618.2	1156	1231.5	1394.5	272.4
1984	866.9	1382.6	1452	1425.2	1126	1491.8	1723.7	1009.1	1256.5	221.3
1985	820.5	1490.3	772.8	723.3	1035.6	549.2	741.6	517.5	1195.7	810.8
Mean	783.9	1304	1349.1	1381.8	1067.8	1317.5	1333.4	874.1	1381.3	873.5
Standard deviation	146.1	503.9	338.3	492.3	323	755.9	942.8	272	662.7	674.8

