

Water Quality Data 2000/2001

Bourne stream

When Sampled	pH	Cond @ 20C	Temp Water	BOD ATU	Ammonia (N)	Sld Sus@105C	Chloride Ion	Orthophosphat	WethTdy 1-6	Faecal col	Faecal strep	Total col	ColfmF MF10	StrepF PMF	O Diss %sat	O Diss Conc mg/l
05-JAN-2000 1120	7.6		8.5	1.4	0.116	7.2	37.2	0.033							92	10.7
03-FEB-2000 1125	7.5		8.8	1.3	0.13	4	45.2	0.047							92	10.7
02-MAR-2000 1400	7.35		9.1	1.6	0.125	4	41.8	0.023							90	10.4
24-MAR-2000 1155	7.55		11	1.6	0.109	4.2	36.5	0.015			540	3100	650		86.5	9.52
28-MAR-2000 1315	7.45		9.2	2.4	0.638	5	36.3	0.03							89.5	10.3
27-APR-2000 1220	7.55		12.8	1	0.088	3.9	29.8	0.014							95	10
03-MAY-2000 0955		354	11.6						2	400				54		
03-MAY-2000 0957	7.7		11.6	1.3	0.03	6	32.7	0.01							107.3	11.6
09-MAY-2000 1003		366	14.4						3	500				117		
09-MAY-2000 1005	7.75		14.4	1.3	0.03	12.7	32.3	0.01							107.5	11
19-MAY-2000 1021	7.6		13.7	2.3	0.03	3.6	35.6	0.011							102.2	10.6
19-MAY-2000 1022		343	13.7						3	5800				740		
25-MAY-2000 1020	7.7		13.2	1.8	0.037	3	27.2	0.01							102.6	10.7
25-MAY-2000 1021		306	13						3	640				430		
01-JUN-2000 1610		362	13.5						3	470				72		
01-JUN-2000 1611	7.75		13.5	1.2	0.065	4.5	31.2	0.013							103.6	10.8
06-JUN-2000 1201		352	15						3	510				126		
06-JUN-2000 1202	7.8		15	1.4	0.045	4.5	33.9	0.01							110.4	11.1
14-JUN-2000 1200		359	17						4	1000				340		
14-JUN-2000 1201	7.85		17	1	0.04	4.7	34.6	0.01							108	10.4
19-JUN-2000 1208		359	16						3	1182				171		
19-JUN-2000 1210	7.8		16	1	0.03	3	35.4	0.01							108.1	10.6
24-JUN-2000 1200		396	14.9						3	670				135		
24-JUN-2000 1202	7.9		14.9	1	0.03	3.5	32.6	0.01							109.3	11
30-JUN-2000 1159		357	16						3	6100				180		
30-JUN-2000 1200	7.75		16.4	1	0.035	3	35.1	0.01							102	9.95
07-JUL-2000 1004		339	15						3	2300				117		
12-JUL-2000 1009		358	15						4	1364				240		
23-JUL-2000 1014		359	16						3	5200				32		
28-JUL-2000 1010	7.75		16.7	1	0.03	3	38	0.013							111.1	10.8

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28-JUL-2000 1011		363	16					4	2300				310		
04-AUG-2000 1209		365	18					4	4100				740		
11-AUG-2000 1639		353	19.5					5	946				207		
11-AUG-2000 1640	7.9		19.7	1	0.03	5.7	34.9	0.01						124.8	11.4
17-AUG-2000 0850	7.6		15.7	1	0.03	3	37.4	0.01			420	100000	68000	73.8	7.31
21-AUG-2000 1209		349	16.5					4	6800				3000		
04-SEP-2000 1009		343	15					4	1545				310		
13-SEP-2000 1009		359	17					4	5300				390		
22-SEP-2000 1030		265	14.5					4	3800				3900		
06-NOV-2000 1300	7.55		10.6	1.3	0.066	3.5	28.6	0.017						100.3	11.1
07-DEC-2000 1440	7.45		10.8	2.4	0.117	16.3	48.9	0.029						98.6	10.9
17-JAN-2001 1230	7.3		7.3	1.2	0.113	8.3	34.6	0.01						94	11.3
09-MAR-2001 1205	7.45		13.2	1.1	0.076	3.6	31.7	0.02						104	10.9
29-MAR-2001 1135	7.5		14.8	1	0.092	4.7	26.8	0.01						98	9.9
04-MAY-2001 1024		345	10.5					3	350				171		
08-MAY-2001 1010		352	12					4	410				63		
16-MAY-2001 1426		240	15					3	4400				4000		
23-MAY-2001 1026		351	15					4	240				108		
31-MAY-2001 1004		362	14					4	360				135		
07-JUN-2001 1147		362	15					3	1545				108		
15-JUN-2001 0945			14.7	2.7	0.069	5.6	26.9	0.021			3400	17000	3500	91.1	9.22
16-JUN-2001 1201		104	15					3	44000				20000		
22-JUN-2001 1140		378	17					5	690				189		
28-JUN-2001 1205	7.82	382	16.9	1	0.041	3	32.5	0.013	3	1909			380	105.1	10.1
04-JUL-2001 1017	7.9		17			4.2			4	727			240	98.2	9.47
12-JUL-2001 1255		361	17.1	1	0.031	3	36.6	0.012	3	1364			220	99	9.52
17-JUL-2001 1415	7.6	105	15.4	6.5	0.133	96.7	12	0.02	3	42000			31000	91	9.07
19-JUL-2001 1515										856			220		
26-JUL-2001 1010	8.1	368	16	1	0.054	3.1	39.1	0.012	6	770			290	101	9.94
03-AUG-2001 1151	7.5	331	17	1.1	0.093	5.1	33.7	0.012	4	6900			2000	98	9.44
12-AUG-2001 1210	7.4	350	16	1	0.06	3	35.3	0.012	3	3500			390	101	9.94
21-AUG-2001 1220	7.8	352	17	1	0.067	3	35.9	0.013	5	19000			670	104	10
30-AUG-2001 1309	8	359	16	1	0.039	3.4	35.7	0.01	4	3000			330		
04-SEP-2001 1018	7.8	396	15	1	0.03	4.8	50.7	0.01	4	4100			430	100	10.1
11-SEP-2001 1010	8.05	371	14.5	1	0.03	3	38	0.01	3	1455			390	49	4.98
21-SEP-2001 1017	7.8	359	13.5	1	0.05	3	37.3	0.015	3	3100			570	102	10.6
29-OCT-2001 1240	7.97		13.78	1	0.086	3	34.4	0.014						98.9	10.2
20-NOV-2001 1215	7.3		9.71	1	0.104	3	35.4	0.01						84.6	9.59

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01-MAY-2002 1040	7.7	292	11.8	1.6	0.074	4.3	32.6	0.022	3	2200	460	94	10.2
17-MAY-2002 1440	7.9	326	14	14.2	0.417	17.8	37.6	0.072	3	20000	10	90.4	9.29
23-MAY-2002 1438	7.3	320	16	1	0.096	3	33.9	0.02	4	4200	180	100	9.84
30-MAY-2002 1134	7.4	365	16	1.1	0.093	5.8	34.8	0.02	3	1545	520	98	9.64
08-JUN-2002 1455	8	349	13	1	0.139	6	38.4	0.02	4	12000	135		
14-JUN-2002 1410	7.9	340	15	1	0.112	7.5	38.2	0.02	4	2500	180	97	9.75
21-JUN-2002 1410	7.7	351	18	1	0.097	3	38.6	0.02	4	4800	260	105	9.91
27-JUN-2002 1339	7.9	350	16	1	0.062	3	40.4	0.02	4	4200	220	103	10.1
03-JUL-2002 1440	7.6	253	15.5	1.6	0.107	8.3	26.3	0.025	3	9636	7100	89	8.85
08-JUL-2002 1445	7.6	296	15.6	2.1	0.091	79.7	30.9	0.029	3	57000	8455	94	9.33
16-JUL-2002 1630	7.5	342	17	1	0.078	10.6	37.6	0.024	4	4600	270	105	10.1
23-JUL-2002 1215	7.8	343	15.4	1.2	0.058	3	35.4	0.02	3	5200	96000	104	10.4
28-JUL-2002 1510	8.1	370	18	1	0.077	4.3	41.3	0.02	5	5500	280	116	10.9
02-AUG-2002 1419	7.8	278	14	3.7	0.084	6	27.5	0.031	5	27000	2700	101	10.4
13-AUG-2002 1550	7.1	342	19	1	0.071	6.2	33.8	0.02	3	4300	350	103	9.53
20-AUG-2002 1510	7.9	367	17.1	2	0.049	6	39.9	0.021	4	3700	964	101	9.71
30-AUG-2002 1444	8.4	362	17	1	0.032	3	38.8	0.02	3	4800	600	105	10.1
05-SEP-2002 1425	8.24	377	16.9	1	0.03	3.5	38.3	0.02	4	18000	570	103.2	9.97
10-SEP-2002 1517	7.9	370	16.2	1.4	0.192	6.3	48.8	0.035	4	35000	17000	98	9.6
18-SEP-2002 1420	7.8	412	15.7	1	0.683	3.3	41.8	0.02	4	909	500	105	10.4

EA WIMS System - Measurements for Specified Determinands

Sampling Point 50020168 BOURNE STREAM D/S SUDER ROAD POND PARK RD - NGR SZ0494594508 - Type F6 -
Class X - between 01-JAN-2000 and 14-APR-2003

When Sampled	Res	Res	Res	Res	Res	Res	Res	Res	Res	Res	Res
24-MAR-2000 0855	7.8	7.9	1.5	0.113	5.42		94.8	0.083	153	99	11.7
17-AUG-2000 1145	7.85	19.6	1.4	0.153	5.48		105	0.098	210	74.5	6.8
18-OCT-2000 1215	7.6	14.1	1.5	0.037	2.55		21.2	0.07	3400	69	7.08
04-MAY-2001 0935		10.7	3	0.094	4.78		32.8	0.032	18	87	9.64
16-MAY-2001 1535		17	5.2	0.336	2.81		58.1	0.01	26000	47.7	4.6
23-MAY-2001 0920		14	1.4	0.032	4.98		77.9	0.03	18	81.3	8.35
31-MAY-2001 0930		15.3	5.8	0.93	3.89		49.3	0.046	15000	55	5.49
07-JUN-2001 0935		15.5	1	0.115	3.2		40.3	0.205	54	82	8.16
15-JUN-2001 1040		16.2	2.1	0.087	3.92		26	0.095	2200	73	7.15
22-JUN-2001 0940		17.1	1	0.058	5.32		31.6	0.094	99	71.3	6.86
28-JUN-2001 0935		18.7	1.2	0.1	4.55		26.2	0.122	1818	62	5.77

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04-JUL-2001 0935	18.8	1	0.1	4.41	37.2	0.123	710	57.2	5.31
12-JUL-2001 1020	17.3	1	0.069	5.2	38.6	0.112	320	76.2	7.3
17-JUL-2001 1315	15.7	6.9	0.103	2.5	52.4	0.123	40000	70	6.93
03-AUG-2001 0920	18.7	1	0.051	3.75	30	0.079	1636	48.5	4.51
21-AUG-2001 0935	17.9	1	0.03	4.05	31.5	0.144	189	65	6.15
30-AUG-2001 0945	17.7	1.4	0.034	4.39	40.7	0.131	210	56.1	5.33
04-SEP-2001 0900	16.8	1	0.057	4.81	41.8	0.144	162	51.5	4.98
11-SEP-2001 0855	15.6	1	0.03	4.58	34.7	0.134	300	57.2	5.68
21-SEP-2001 0925	14	1	0.034	4.06	55.9	0.13	63	64.7	6.65
12-MAR-2002 1145									

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EA WIMS System - Measurements for Specified Determinands

Sampling Point 50020169 BOURNE STREAM U/S SUDER ROAD PONDPARK RD - NGR SZ0481094625 - Type F6 - Class X - between 01-JAN-2000 and 14-APR-2003

When Sampled	Res	Res	Res	Res	Res	Res	Res	Res	Res	Res	Res
24-MAR-2000 0925	7.85	10	1.5	0.151	5.65	107	0.117	108	83.3	9.37	
17-AUG-2000 1200	7.95	18.6	2.3	0.812	6.55	36.2	0.19	580	66.5	6.2	
18-OCT-2000 1235	7.75	13.5	1.7	0.034	3.8	21.7	0.131	2200	80	8.31	
04-MAY-2001 0920		10.4	3	0.142	5.18	28.8	0.053	10	89.7	10	
16-MAY-2001 1550		14.7	5.4	0.385	4.09	44.2	0.01	50000	65.4	6.62	
23-MAY-2001 0910		13.7	1.9	0.07	5.25	58.4	0.031	90	93	9.62	
31-MAY-2001 0940		15	17.1	1.95	2.56	35.1	0.118	63000	72	7.24	
07-JUN-2001 0950		16	1	0.202	3.52	55.5	0.324	36	77.5	7.63	
15-JUN-2001 1030		16.3	4.8	0.175	3.79	20.7	0.153	2300	87.8	8.59	
22-JUN-2001 0955		17.5	1	0.109	5.92	39.9	0.141	117	82	7.82	
28-JUN-2001 0920		19.4	1.4	0.176	4.92	25.9	0.203	2600	83.3	7.64	
04-JUL-2001 0945		18.8	1.9	0.195	4.89	43.8	0.191	480	75.5	7.01	
12-JUL-2001 1010		17.4	1	0.127	5.73	37.5	0.183	171	89.1	8.51	
17-JUL-2001 1325		15.6	7.1	0.092	1.12	26.5	0.051	98000	89.2	8.85	
03-AUG-2001 0935		18.9	2.1	0.127	5.05	197	0.135	2900	78	7.22	
21-AUG-2001 0950		18.7	1	0.077	4.55	29.2	0.229	460	79	7.35	
30-AUG-2001 1005		18.3	1	0.054	5.13	33.9	0.209	10	76.6	7.19	
04-SEP-2001 0910		17	1	0.043	5.78	48.9	0.217	210	78.2	7.53	
11-SEP-2001 0910		15.9	2.9	0.247	5.09	37.2	0.289	4700	78.2	7.71	
21-SEP-2001 0940		14.5	1	0.043	4.23	59.9	0.192	210	83.3	8.46	
12-MAR-2002 1200		9.5									

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