

1BSTH027.85  
Rt 664 Bridge  
Waynesboro

Date	pH	TSS (mg/L)	CC	Nitrate (mg/L)	CC	o-P (mg/L)	CC	TOC (mg/L)	CC	SO4 (mg/L)	CC
01/10/79	7.5					nm				nm	
03/01/79	7.1					nm				nm	
04/30/79	9	6		0.31		nm		5		nm	
05/17/79	8.5	12		0.5		nm		4		nm	
06/14/79	8.5	20		0.7		nm		10		nm	
07/12/79	7.8	8		0.7		nm		7		nm	
08/15/79	8.6	13		0.6		nm		5		nm	
09/25/79	7.5	17		0.41		nm		6		nm	
10/04/79	7.5	7		0.38		nm		6		nm	
11/13/79	7.7	5		0.5		nm		5		nm	
12/11/79	8.5	8		0.7		nm		7		nm	
02/20/80	9	5	K	0.8		nm		7		nm	
03/26/80	7.7	8		0.6		nm		7		nm	
04/30/80	8.4	8		0.7		nm		6		nm	
05/14/80	9	10		0.6		nm		3		nm	
06/23/80	9	8		0.6		nm		7		nm	
07/10/80	8.5	28		0.9		nm		7		nm	
08/05/80	9	17		0.48		nm		5		nm	
10/27/80	9.3	5	K	0.7		nm		3		nm	
11/18/80	9	5	K	0.6		nm		3		nm	
12/10/80	8.7	5	K	0.6		nm		7		nm	
01/27/81	8	9		0.5		0.07		5		nm	
02/17/81	8	9		0.8		0.05		19		nm	
03/19/81	9.5	5		0.5		0.01	K	4		nm	
04/14/81	8.7	14		0.46		0.04		11		nm	
05/07/81	8	16		0.29		0.04		2		nm	
06/02/81	8.7	56		1		0.18		9		nm	
07/22/81	8.5	12		0.8		0.04		5		nm	
08/24/81	9	8		0.32		0.06		8		nm	
09/29/81	7	5	K	0.43		0.08		6		nm	
10/08/81	7.74	5	K	0.46		0.17		5		nm	
12/21/81	8.16	5	K	0.6		0.53		1	K	nm	
02/04/82	8.5	62		4.8		0.17		3		nm	
04/01/82	7.7	9		0.67		0.02		1		nm	
06/29/82	7.94	15		0.9		0.1		1		nm	
07/14/82	7.5	5		0.9		0.05		3		nm	
08/26/82	8.03	9		0.7		0.05		4		nm	
09/28/82		11		0.75		0.09		5		nm	
10/26/82	7.85	5	K	0.49		0.05		4		nm	
11/03/82	9	5	K	0.5		0.06		6		nm	
12/16/82	8.35	76		0.3		0.06		6		nm	
01/18/83	9	5		0.8		0.03		1	K	nm	
02/10/83	7.5	5		0.11		0.01		1	K	nm	
03/29/83	8	5		0.6		0.03		2		nm	

04/11/83	7.05	17		0.41	0.04	4		nm
05/09/83	9	7		0.6	0.02	3		nm
06/02/83	9	12		0.7	0.03	2		nm
07/19/83	8.3	5	K	0.54	0.04	1	K	nm
08/29/83	7.5	19		0.69	0.06	6		nm
09/08/83	8.3	10		0.58	0.07	2		nm
10/13/83	7.5	17		0.8	0.09	2		nm
11/09/83	8.2	5		1	0.06	3		nm
01/09/84	7.68	5	K	0.9		2		nm
02/13/84	9.1	5	K	0.65		2		nm
03/27/84	8.5	8		0.5		3		nm
04/12/84	7.78	5	K	0.7		3		nm
05/10/84	7.7	22		0.47		1	K	nm
07/10/84	7.75	43		0.9		1	K	nm
08/20/84	9	18		1.14		3		nm
10/23/84	8.3	5	K	0.71		3		nm
01/23/85	7.8	5	K	1	0.03	4		nm
02/11/85	7.4	5	K	0.95	0.03	1		
03/13/85	8.2	5		0.55	0.03	2		
04/02/85		7		0.45	0.02	4		
05/28/85	7.9	17		0.5	0.03	2		
06/10/85	8.3	19		0.84	0.04	4		
07/01/85	8.1	11		0.6	0.07	3		
08/12/85	8	13				3		
09/16/85	8.3	5	K	0.64	0.04	2		
11/25/85	7.2	5	K	0.6	0.02	2		
12/09/85	7.5	6		1	0.02	2		
01/21/86	8.6	5	K	0.84	0.02	3		
02/13/86	8.4	5	K	0.7	0.02	3		
03/04/86	8.8	5	K	0.75	0.02	4		
04/17/86	6.8	6		0.54	0.01	2		
05/05/86	8.5	5	K	0.4	0.01	3		
06/02/86	8.1	7		0.54	0.03	3		
07/16/86	7.85	18		0.59	0.05	2		
08/05/86	7.75	14		0.59	0.05	4		
08/19/86	7.9	34		0.96	0.08	4		
09/09/86	8.1	13		0.59	0.05	2		
10/30/86	8.3	5	K	0.49	0.32	3		
11/17/86	8.1	5	K	0.6	0.06	2		
12/02/86	8.3	16		0.49	0.09	4		
01/20/87	8	18		0.9	0.04	3		
02/23/87		5	K	0.8	0.03	2		
03/12/87	7.7	5		0.7	0.02	4		
04/13/87	7.9	5	K	0.45	0.01	3	K	
05/06/87	8.2	7		0.6	0.02	3		
05/06/87								
06/18/87	8	17		0.89	0.03	2		
07/23/87	8.27	9		0.75	0.05	3		
08/03/87	8.31	6		0.58	0.04	2		
09/23/87	8.2	12		0.79	0.02			
12/03/87	7.2	5	K	0.69	0.02			
01/27/88	7.53	5	K	0.85	0.01			

03/07/88	8.64	5	K	0.76	0.02		
06/13/88	8.35	5	K	0.6	0.03	0.98	
07/07/88	7.89	4		0.65	0.03	0.84	
08/22/88		4					
08/22/88	8.09	4		0.76	0.05	1.53	
09/12/88							
09/12/88	8.21	1		0.72	0.04	0.79	
11/02/88							
11/02/88	8.27	1		0.36	0.01	1.35	13
01/17/89	8.12	2				1.34	7.7
03/20/89	8.1	1	K	0.84	0.02	1.07	
06/13/89	8.18	5				1.5	6.3
06/13/89	8.18			0.73	0.03		
07/17/89	8.33	26				2.79	6.03
07/17/89	8.33			0.56	0.03		
08/08/89	8.47	7				1.74	
08/08/89	8.47			0.89	0.03		
12/06/89	8.93	2		0.93	0.05	0.46	7.08
01/30/90				0.78	0.02		
01/30/90	8.35	10				1.4	6.1
02/21/90	8.44	1	K	0.83	0.01	1.41	6.32
04/11/90	7.94	11		0.55	0.02	1.43	5.4
07/16/90	7.82	28		0.66	0.05	3.01	8.74
08/13/90	8.16	13		1.69	0.04	1.08	19.9
01/28/91	8.7	5	U	0.97	0.01		6.1
04/30/91	7.3	11		0.49	0.01	U 1.4	5.3
05/22/91	8	7		0.85	0.02	1.3	7.8
06/11/91	8.2	8		0.91	0.03	1.5	11.1
07/01/91	8	20				1.6	12.2
08/14/91	7.7	5		1.04	0.02	1.3	7.7
09/24/91	8.15	3	U	0.91	0.02	1.3	11.5
10/28/91	7.6	3	U	0.55	0.01	U 2.3	
11/20/91	7.2	3		0.68	0.01	1	U 12.9
12/11/91	8	7		1.02	0.02	1.7	12.2
01/16/92	8.6	9		0.92	0.01	1.9	7.2
02/24/92	7.9	6		0.6	0.01	9.5	6.8
03/12/92	9.5	10		0.59	0.01	1.3	5.8
04/20/92	7.84	12		0.69	0.01	1	U 5.6
05/19/92	7.8	48		0.81		3.8	5.9
06/22/92	8	6		0.74		3.9	6.2
07/28/92	7.9	4		0.99		5.5	11.4
08/13/92	8.1	26		0.62		4.5	12.5
09/10/92	7.8	5		0.52		6.3	9.1
10/28/92	7.5	1		0.5		1	U 11.9
11/24/92	6.9	40		0.27		8.6	4.2
12/15/92	7.3	4		0.78		4.9	6.8
01/26/93	8.1	7		0.86		2	5.7
02/16/93	7.5	4		0.71		2.1	7.2
03/18/93	7	17		0.67		2.2	6
04/19/93	6.9	9		0.53		2	4.7
05/20/93	7.2	25		0.65		5.7	6.3
06/28/93	8.2	4		0.76		1.2	11.7

07/14/93	8	8		1.35	4.3	12.7
08/12/93	7.3	6		0.99	1.4	12.5
09/27/93	7.1	3	U	0.58	1.6	13.8
10/12/93	8.2	3	U	0.75	1.3	14.4
11/29/93	7.2	7		0.79	3.5	0
12/08/93	7.3	11		0.8	3.2	5.7
01/11/94	8.4	3	U	0.91	1	U 6.8
02/09/94	7.7	10		0.93	1.3	5.3
03/09/94	7.8	31		0.94	2.7	4.2
04/14/94	8.2	10		0.85	3.1	5.9
05/11/94	8.3	4		0.65	1	6
06/08/94	8.1	3	U	0.91	1.6	8.2
07/12/94	8.9	5		0.68	2.7	10.2
08/11/94	8.2	8				12
09/08/94	8.6	3	U	0.84	1.7	10.2
10/17/94		4		0.83	1.1	14.4
11/07/94	8.1	3	U	0.45	1.8	12.9
12/13/94	7.6	3	U	0.43	1	6.6
01/10/95	7.3	3	U	0.48	1.1	5.5
02/22/95	9.3	4		0.64	1.8	6.7
03/20/95	8.2	4		0.63	1.6	6.6
04/10/95	8.7	3	U	0.39	2.5	8.8
05/22/95	8.6	3		0.42	2.5	7.6
06/14/95	7.6	12		0.41	3.4	5.3
07/17/95	8.2	6		0.88	2.3	7.8
08/28/95	7.9	3	U	0.85	2	12.5
09/13/95	8.4	3	U	0.63	5.6	12
10/23/95	7.5	10		0.47	3	4.7
11/13/95	7.8	19		0.26	3	4.3
12/06/95	8.2	3	U	0.63	2.4	6.7
01/29/96	7.9	18		0.62	3.7	4.6
02/12/96	8.2	8		0.89	2	5.5
03/25/96	8	3		0.63	5.6	5.8
04/08/96	8.7	3		0.62	1.5	5.9
05/02/96	8.3	6		0.44	1.4	5.1
06/17/96	6.4	7		0.62	1.3	6.2
07/17/96	8.3	6		1.24	1.3	10.9
07/22/96	8.1					
08/12/96	7.6	9		1.06	1.5	12.1
09/11/96	7	18		0.47		5.1
10/15/96	7.9	4		0.82		6.3
11/14/96	6.8	3	U	0.66		6.3
12/10/96	7.8	6		0.68		6.2
01/21/97	8	3		1.01		7.5
02/10/97	7.9	5		0.93		6.4
03/12/97	8.3	5		0.84		6.3
04/16/97	8.3	6		0.71		6.8
05/01/97	8.8	7		0.48		6.1
06/10/97	7.5	17		0.69		8.8
07/15/97	7.7	15		1.05		11.6
08/04/97	7.9	11		0.89		11.6
09/18/97	7.9	7		1.02		11.9

10/16/97	8	13		0.08	12.2
11/17/97	7.4	3	U	0.83	7.6
12/10/97	7.8	3		0.91	8.9
01/13/98	6.9	17		0.55	5.9
02/12/98	7.2	23		0.64	5.8
03/18/98	7.5	6		0.72	6
04/14/98	8			0.38	5.2
05/13/98	7.7	13		0.44	5.1
06/29/98	8.3	12		0.81	7.3
07/14/98	8.5	5		0.99	8.2
08/18/98	7.3	13		1.01	10.6
09/29/98	7.7	3		0.73	10.9
10/19/98	7.3	3	U	1.11	11.3
11/16/98	7.5	3	U	0.83	11.9
12/15/98	8.3	8		0.88	11.1
01/19/99	8.3	6		0.81	8.1
02/11/99	8.5	3		0.66	8.1
03/25/99	8.5	8		0.64	6.7
04/19/99	8.4	4		0.6	8.8
05/06/99	8.9	3		0.71	9.7
06/21/99	7.8	5		0.95	12
07/22/99	7.8	11		1	12.3
08/11/99	9	3		0.41	13.4
09/23/99	7.1	3		0.63	7.9
10/27/99	7.7			0.97	
11/18/99	8.8	3	U	0.61	6.5
12/09/99	8.6	3	U	0.6	5.4
01/13/00	8.3	3		0.64	8
02/07/00	8.8	3		0.75	9.9
03/20/00	8.2	5		0.46	7.6
04/13/00	9	4		0.5	7.2
05/30/00	8.1	8		0.76	9.1
06/14/00	8.5	3		0.71	12.2
07/12/00	8.3	5		0.8	11.5
08/14/00	8	5		0.64	11.8
09/28/00	7.5	3		0.66	7.9
10/11/00	8.1	3	U	0.88	7.6
11/13/00	8	3	U	0.62	11.2
12/12/00	8	3	U	0.83	12.5
01/17/01	8.9	3		0.51	10.5
02/20/01	8.3	4		0.6	8.6
04/10/01	7	8		0.56	7.4
05/23/01	7.7	56		0.71	7.8
06/14/01	8	5		0.94	11.5
08/01/01	7	6		0.79	
10/09/01	8.1	3	U	0.58	
12/20/01	7.5	3	U	0.94	
02/11/02	7.9	3		1.03	
04/11/02	7.3	4		0.38	
06/04/02	6.8	3		0.41	
07/18/02	7.9	4		0.31	
09/05/02	7.9	3		0.37	

11/05/02 7.6 3 0.6



1BSTH007.8  
Rt 778 Harriston

Date	pH	TSS (mg/L)	Code	Nitrate (mg/L)	Code	o-P (mg/L)	Code	TOC (mg/L)	Code	SO4 (mg/L)	Code
1/10/1979	7.5							6			
03/01/79	7.5							4			
04/30/79	8.5	3		1		0.08		6			
05/17/79	7.3	6		1.5		0.17		6			
06/14/79	8	13		1.5		0.14		8			
07/12/79	8	4		2.6		0.2		8			
08/15/79	9	3		2.8		0.2		5			
09/25/79	7.5	20		0.7		0.04		8			
10/04/79	7.5	20		0.7		0.06		7			
11/13/79	7.7	8		1.2		0.06		4			
12/11/79	8.5	5		2.1		0.09		7			
02/20/80	8	5	K	1.6		0.15		9			
03/26/80	7.5	5	K	0.41		0.06		9			
04/30/80	8.7	6		1		0.05		7			
05/14/80		5	K	1.9		0.09		6			
06/23/80	9	5	K	3.1		0.12		7			
07/10/80	8.6	24		3.1		0.12		8			
08/05/80	9	5		2.2		0.21		7			
10/27/80	8.8	5	K	3		0.24		6			
11/18/80	8.7	5	K	4.1		0.32		6			
12/10/80	8.7	5	K	4.9		0.29		10			
01/27/81	8	5	K	5.4		0.35		11			
02/17/81	8	5	K	2.8		0.17		21			
03/19/81	9.5	5	K	4.4		0.18		11			
04/14/81	8	8		3.41		0.25		11			
05/07/81	8.5	8		3.5		0.3		4			
06/02/81	8.5	41		0.43		0.02		7			
07/22/81	9	7		3.8		0.25		9			
08/24/81	9.3	5	K	4		0.27		10			
09/29/81	7.2	5	K	3.4		0.27		10			
10/08/81	7.82	5	K	3.7		0.35		10			
12/21/81	8.12	12		3.8		0.72		1		K	
02/04/82	8.5	85		0.6		0.23		3			
04/01/82	7.7	5	K	1.9		0.08		1			
06/29/82	8.3	7		2.6		0.2		4			
07/14/82	7.48	6		2.8		0.23		6			
08/26/82	8.03	5	K	5		0.26		8			
09/28/82	7.8	5	K	2.77		0.18		4			
10/26/82	7.7	8		4.2		0.3		7			
11/03/82	9	5	K	4.9		0.3		8			
12/16/82	8.18	190		0.68		0.14		26			
01/18/83	9	6		3		0.11		1			
02/10/83	7.5	5	K	0.24		0.08		2			
03/29/83	8.3	12		1.1		0.05		3			

04/11/83	7.15	27		0.69	0.06	5
05/09/83	9	5	K	1.5	0.06	3
06/02/83	8.7	9		2.3	0.12	4
07/19/83	8.3	5		3.4	0.18	4
08/29/83	7	25		4	0.27	12
09/08/83	8.3	12		0.39	0.29	4
10/13/83	6.6	7		2.4	0.19	4
11/09/83	8.45	5	K	3.3	0.15	3
01/09/84		5	K	2.3	0.1	3
02/11/84	7.4	5	K	2.6	0.12	1
02/13/84	9.1	5	K	1.7	0.11	7
03/27/84	9	5	K	0.94	0.04	3
04/12/84	7.7	5		1.3	0.03	2
05/10/84	7.7	11		0.95	0.04	3
07/10/84	7.78	16		3.7	0.18	4
08/20/84	9	16		2.41	0.11	5
10/23/84	8.2	5	K	3.3	0.29	8
01/23/85	7.8	5	K	3.2	0.1	4
03/13/85	8.4	5	K	2.2	0.11	6
04/02/85		5	K	1.57	0.09	3
05/28/85	7.8	19		1.47	0.1	2
06/12/85	7.9	11		3.17	0.17	7
07/01/85	8	6		3.48	0.29	4
08/12/85	8.2	5				5
09/16/85	8.2	5	K	3.46	0.2	5
11/25/85	7.2	8		1.33	0.05	3
12/09/85	7.5	5		1.88	0.05	3
01/21/86	8.6	5	K	3.2	0.09	5
02/13/86	8.3	5	K	2.02	0.07	4
03/04/86	8.5	5	K	2.47	0.08	5
04/17/86	6.7	6		1.8	0.08	4
05/05/86	8.2	6		2.9	0.11	5
06/02/86	8	5	K	3.02	0.22	5
07/16/86	8.1	8		3.98	0.32	5
08/05/86	8.05	5		4.98	0.34	7
08/19/86	7.88	19		2.81	0.23	5
09/09/86	8.3	7		4.47	0.27	5
10/30/86	8.4	5	K	5.5	0.25	6
11/17/86	8.3	5	K	6	0.22	6
12/02/86	8.1	11		3.9	0.34	6
01/20/87	8.2	24		1.5	0.06	3
02/23/87	8.5	5	K	2.22	0.11	4
03/12/87	7.7	6		1.3	0.05	4
04/13/87	8.2	5	K	0.08	0.03	3
05/06/87	8.4	9		1.19	0.03	4
06/18/87	8.1	7		3.22	0.15	4
07/23/87	8.33	6		2.37	0.17	5
08/03/87	8.24	5	K	2.77	0.2	4
09/23/87	8.2	11		1.8	0.08	
12/03/87	1.2	5	K	1.4	0.05	
01/27/88	7.82	5	K	1.9	0.05	
03/07/88	8.63	6		2.17	0.08	



06/13/88	8.03	5		1.98	0.07	2.35		
07/07/88	8.16	2		3.38	0.11	3.34		
08/22/88	7.95	7		2.36	0.12	3.54		
09/12/88	8.29	1		2.89	0.11	3.39		
11/02/88	8.25	1		5.63	0.13	5		55.5
01/17/89	8.31	4				1.92		20.7
03/20/89	8.23	1	K	2.34	0.06	2.36		18.4
06/13/89	7.94	10				2.51		17.2
06/13/89	7.94			1.86	0.02			
07/17/89	8.29	42		0.88	0.07	3.04		12.7
08/08/89	8.48	5				3.48		
08/08/89	8.48			2.42	0.07			
12/06/89	8.89	1		2.49	0.03	2.64		18.8
01/30/90	8.32	13		1.92	0.06	2.3		15.5
02/21/90	8.53	1	K	2.1	0.04	2.46		17.32
04/11/90	7.7	17		1.32	0.04	2		11.8
06/12/90				2.04	0.06			
07/16/90	7.92	9		1.87	0.1	3.37		15.8
08/13/90	8.35	5		2.8	0.12	2.83		23.7
01/28/91	7.58	5	U	1.3	0.02	1.52		9.6
03/18/91	8.7	5		0.8	0.01	1.7		7.8
04/30/91	7.6	7		0.93	0.02	1.7		7.7
05/22/91	8	10		1.43	0.07	1.5		13
06/11/91	8.1	3		1.53	0.1	1.9		13.6
07/02/91	7.9	65		1.03	0.09	3.4		10.3
09/09/91	8.11	3	U			2.1		18.1
10/17/91	8.4	3		1.36	0.09	1.5		12.3
11/18/91	8.6	3	U	1.4	0.08	1.5		14.2
12/16/91	7.8	3	U	1.54	0.07	1.7		13.2
01/21/92		2		1.54	0.04	1	U	10.5
02/18/92	8.23	4		1.15	0.04	13.4		9.3
03/09/92	8.8	11		0.84	0.04	2.9		6.8
04/14/92				0.89	0.07			
05/18/92	8	6		0.92		2.7		9.3
06/04/92	8.05	3		1.25		3.2		8
07/07/92	8	3		1.26		1	U	9
08/10/92	8.3	3		1.76		1.4		11.2
09/14/92	8.1	2		1.02		5.3		12.5
10/20/92	8.4	1		1.26		1.6		9.7
11/19/92	8.1	3		0.88		4.3		10.3
12/01/92	7.6	4		1.03		1.8		7
01/12/93	8.1	8		0.96		4.2		7.9
02/08/93	8.7	3	U	0.96		1.4		8.1
03/08/93	8	19		1.17		3		7.6
04/12/93	7.8	30		0.7		3.7		6
05/17/93	7.1	7		1.3		1.5		10.8
06/17/93	7.2	13		1.74		1.6		11.5
07/19/93	7.8	8		0.93		1.5		12.4
08/26/93	7.5	4		1.58		1.9		11.4
09/16/93	7.4	4		1.5		1.5		15.4
10/26/93	8.4	3	U	1.56		1.8		11.2
11/16/93	7.3	3	U	1.53		2.2		11.7

12/14/93	9	3	U	1.42	0.06	1	U
01/20/94	8.1						
02/14/94	8.5	4		1.48		1.3	6.4
03/23/94	8.6	4		1.13		3.3	6.5
04/19/94	8.6	6		1.14		3.2	7.1
05/10/94	8.1	7		1.05		2.1	6.6
06/20/94	8.1	7		1.51		2.9	7.6
07/18/94	8.2						
08/15/94	8.4	4		1.49		2.4	10.7
09/29/94	8.3	3	U	1.45		1.7	8.3
10/20/94	8.1	3	U	1.57		1.7	11.4
11/15/94	8.3	3	U	1.14		1.9	9.7
12/06/94	8	9		0.86		2.1	8
01/19/95	8.3	15		0.67		1.8	6.2
02/28/95	8.4	4		1.06		5.2	7.8
03/29/95	8.3	3		1.15		3.5	8.2
04/24/95	8.3	9		1.27		2.8	9.2
05/30/95	8	20		1.23		2.9	7.6
06/26/95	8.1	58		0.44		4	5.6
07/20/95	8.2	5		1.08		1.9	8.1
08/15/95	8	4		1.42		1	9.9
09/19/95	8.3	3		1.44		3.9	11.1
10/18/95	8.4	3	U	1.66		1.5	10
11/13/95	8.2	20		0.42		3.4	5.4
12/11/95	8.1	3	U	1.01		2.4	8.1
01/18/96	7.9	12		0.93		1.5	7.1
02/05/96	8	5		1.4		2	6.3
03/28/96	8.2	3		1.1		2.1	7
04/25/96	8.5	5		0.89		2.8	7
05/15/96	8.2	5		0.89		1	U 7.3
06/24/96	8	12		1.25		1.9	7.8
07/18/96	7.8	6		1.6		1.5	9.7
08/20/96	8	3		1.8		1.7	9.9
09/12/96	7.5	19					6.5
10/10/96	7.3	8		0.67			6.1
11/13/96	8.1	3	U	1.17			6.7
12/19/96	7.8	10		1.13			6.8
01/22/97	8.2	3		1.3			7.6
02/18/97	8.7	5		1.04			7.2
03/27/97	8.2	6		0.88			6.1
04/29/97	8.7	8		1.15			7.1
05/28/97	8	8		1.3			7.2
06/19/97	8	7		1.24			7.5
07/31/97	7.8	9		1.48			9.2
08/07/97	8	12		1.58			9.9
09/29/97	7.4	6		2.2			11.6
10/14/97	7.8	3	U	1.46			10.1
11/20/97	8.2	3	U	1.18			8.5
12/17/97	8.4	3	U	1.51			9
01/15/98	8.2	11		1.03			8
02/18/98	7.8	171		0.52			5.4
03/26/98	7.2	5		0.78			6.5

04/30/98	7.5	9		1.01			6.3
05/19/98	7.8	18		0.63			5.5
06/15/98	8.3	23		1.55			8.2
06/24/98	7.8	12			11.5		
07/29/98	7.5	5		1.88			9.5
08/20/98	7.6	4		1.93			9.7
09/21/98	7.6	16		1.03			8.3
10/01/98	7.5	3	U	1.84			9.9
11/23/98	7.8	3	U	1.55			10
12/21/98	8.5	3	U	1.28			10.5
01/27/99	8.2	8		1.13			8.5
02/25/99	8.3	3		1.13			8.2
03/31/99	8.3	7		1.04			7.6
04/21/99	8.4	10		1.24			8.7
05/19/99	7.8	11		1.4			8.9
06/22/99	7.5	7		1.8			10.5
07/29/99	8.1	11		1.4			10.7
08/12/99	8.1	3		1.3			10
09/29/99	8.1	11		0.89			6.9
10/13/99	8.1	3	U				8
11/29/99	8.2	3		0.52			5.7
12/20/99	8.3	5		0.74			5
02/24/00	8.1	6		0.69			7.5
03/28/00	8.3	8		0.6			6.3
04/24/00	8.2	22		0.55			9.8
05/31/00	8	6		1.19			8.6
06/20/00	7.9	15		1.11			9.8
07/27/00	8.1	5		1.4			11.5
08/23/00	8.1	4			5		
08/28/00	8.2	3	U	1.25			11.5
09/27/00	8	11		0.96			8.6
10/17/00	7.7	3	U		2	U	
10/19/00	7.9	3	U	1.12			10.6
11/27/00	8.1	3	U	1.5			11.5
12/05/00	7.5	3	U		2	U	
12/18/00	8.2	17	U	0.68			7.8
01/24/01	8.5	3		0.87			9.3
02/27/01	7.9	3			3.4		
02/28/01	8.1	3	U	1.01			9.4
03/26/01	8.3	11		0.77			8
04/10/01	7.9	4			2	U	
04/12/01	7.7	29		0.87			7.2
05/24/01	7.8	23		1.04			8.6
06/25/01	8	12			2	U	
06/28/01	8.1	5		1.04			9
07/11/01	7.8	3		1.2			
08/21/01	7.8	3	U		2	U	
09/06/01	8.2	3		1.53			
10/25/01	7.8	3	U		2	U	
12/03/01	8.2	3	U	1.45			
01/08/02	8.1	3	U		2	U	
02/05/02	8.9	3	U	1.67			

03/20/02	7.1	4			2	U
04/04/02	8.1	4		0.56		
06/03/02	7.9	3		1.11		
06/18/02	7.9	4			2.3	
07/01/02	8.1	5		1.26		
08/05/02	7.9	4			2	U
09/12/02	8.2	4		1.31		
10/22/02	8	3	U		2.2	
11/13/02	7.7	30		0.86		

1BSTH027.85  
Rt 664 Bridge  
Waynesboro

Date	pH	TSS (mg/L)	Nitrate (mg/L)	o-P (mg/L)	TOC (mg/L)	SO4 (mg/L)	Date	pH	TSS (mg/L)
01/10/79	7.5			nm		nm	1/10/1979	7.5	
03/01/79	7.1			nm		nm	03/01/79	7.5	
04/30/79	9	6	0.31	nm	5	nm	04/30/79	8.5	3
05/17/79	8.5	12	0.5	nm	4	nm	05/17/79	7.3	6
06/14/79	8.5	20	0.7	nm	10	nm	06/14/79	8	13
07/12/79	7.8	8	0.7	nm	7	nm	07/12/79	8	4
08/15/79	8.6	13	0.6	nm	5	nm	08/15/79	9	3
09/25/79	7.5	17	0.41	nm	6	nm	09/25/79	7.5	20
10/04/79	7.5	7	0.38	nm	6	nm	10/04/79	7.5	20
11/13/79	7.7	5	0.5	nm	5	nm	11/13/79	7.7	8
12/11/79	8.5	8	0.7	nm	7	nm	12/11/79	8.5	5
02/20/80	9	5	0.8	nm	7	nm	02/20/80	8	5
03/26/80	7.7	8	0.6	nm	7	nm	03/26/80	7.5	5
04/30/80	8.4	8	0.7	nm	6	nm	04/30/80	8.7	6
05/14/80	9	10	0.6	nm	3	nm	05/14/80		5
06/23/80	9	8	0.6	nm	7	nm	06/23/80	9	5
07/10/80	8.5	28	0.9	nm	7	nm	07/10/80	8.6	24
08/05/80	9	17	0.48	nm	5	nm	08/05/80	9	5
10/27/80	9.3	5	0.7	nm	3	nm	10/27/80	8.8	5
11/18/80	9	5	0.6	nm	3	nm	11/18/80	8.7	5
12/10/80	8.7	5	0.6	nm	7	nm	12/10/80	8.7	5
01/27/81	8	9	0.5	0.07	5	nm	01/27/81	8	5
02/17/81	8	9	0.8	0.05	19	nm	02/17/81	8	5
03/19/81	9.5	5	0.5	0.01	4	nm	03/19/81	9.5	5
04/14/81	8.7	14	0.46	0.04	11	nm	04/14/81	8	8
05/07/81	8	16	0.29	0.04	2	nm	05/07/81	8.5	8
06/02/81	8.7	56	1	0.18	9	nm	06/02/81	8.5	41
07/22/81	8.5	12	0.8	0.04	5	nm	07/22/81	9	7
08/24/81	9	8	0.32	0.06	8	nm	08/24/81	9.3	5
09/29/81	7	5	0.43	0.08	6	nm	09/29/81	7.2	5
10/08/81	7.74	5	0.46	0.17	5	nm	10/08/81	7.82	5
12/21/81	8.16	5	0.6	0.53	1	nm	12/21/81	8.12	12
02/04/82	8.5	62	4.8	0.17	3	nm	02/04/82	8.5	85
04/01/82	7.7	9	0.67	0.02	1	nm	04/01/82	7.7	5
06/29/82	7.94	15	0.9	0.1	1	nm	06/29/82	8.3	7
07/14/82	7.5	5	0.9	0.05	3	nm	07/14/82	7.48	6
08/26/82	8.03	9	0.7	0.05	4	nm	08/26/82	8.03	5
09/28/82		11	0.75	0.09	5	nm	09/28/82	7.8	5
10/26/82	7.85	5	0.49	0.05	4	nm	10/26/82	7.7	8
11/03/82	9	5	0.5	0.06	6	nm	11/03/82	9	5
12/16/82	8.35	76	0.3	0.06	6	nm	12/16/82	8.18	190
01/18/83	9	5	0.8	0.03	1	nm	01/18/83	9	6
02/10/83	7.5	5	0.11	0.01	1	nm	02/10/83	7.5	5
03/29/83	8	5	0.6	0.03	2	nm	03/29/83	8.3	12


04/11/83	7.05	17	0.41	0.04	4	nm	04/11/83	7.15	27
05/09/83	9	7	0.6	0.02	3	nm	05/09/83	9	5
06/02/83	9	12	0.7	0.03	2	nm	06/02/83	8.7	9
07/19/83	8.3	5	0.54	0.04	1	nm	07/19/83	8.3	5
08/29/83	7.5	19	0.69	0.06	6	nm	08/29/83	7	25
09/08/83	8.3	10	0.58	0.07	2	nm	09/08/83	8.3	12
10/13/83	7.5	17	0.8	0.09	2	nm	10/13/83	6.6	7
11/09/83	8.2	5	1	0.06	3	nm	11/09/83	8.45	5
01/09/84	7.68	5	0.9		2	nm	01/09/84		5
02/13/84	9.1	5	0.65		2	nm	02/11/84	7.4	5
03/27/84	8.5	8	0.5		3	nm	02/13/84	9.1	5
04/12/84	7.78	5	0.7		3	nm	03/27/84	9	5
05/10/84	7.7	22	0.47		1	nm	04/12/84	7.7	5
07/10/84	7.75	43	0.9		1	nm	05/10/84	7.7	11
08/20/84	9	18	1.14		3	nm	07/10/84	7.78	16
10/23/84	8.3	5	0.71		3	nm	08/20/84	9	16
01/23/85	7.8	5	1	0.03	4	nm	10/23/84	8.2	5
02/11/85	7.4	5	0.95	0.03	1		01/23/85	7.8	5
03/13/85	8.2	5	0.55	0.03	2		03/13/85	8.4	5
04/02/85		7	0.45	0.02	4		04/02/85		5
05/28/85	7.9	17	0.5	0.03	2		05/28/85	7.8	19
06/10/85	8.3	19	0.84	0.04	4		06/12/85	7.9	11
07/01/85	8.1	11	0.6	0.07	3		07/01/85	8	6
08/12/85	8	13			3		08/12/85	8.2	5
09/16/85	8.3	5	0.64	0.04	2		09/16/85	8.2	5
11/25/85	7.2	5	0.6	0.02	2		11/25/85	7.2	8
12/09/85	7.5	6	1	0.02	2		12/09/85	7.5	5
01/21/86	8.6	5	0.84	0.02	3		01/21/86	8.6	5
02/13/86	8.4	5	0.7	0.02	3		02/13/86	8.3	5
03/04/86	8.8	5	0.75	0.02	4		03/04/86	8.5	5
04/17/86	6.8	6	0.54	0.01	2		04/17/86	6.7	6
05/05/86	8.5	5	0.4	0.01	3		05/05/86	8.2	6
06/02/86	8.1	7	0.54	0.03	3		06/02/86	8	5
07/16/86	7.85	18	0.59	0.05	2		07/16/86	8.1	8
08/05/86	7.75	14	0.59	0.05	4		08/05/86	8.05	5
08/19/86	7.9	34	0.96	0.08	4		08/19/86	7.88	19
09/09/86	8.1	13	0.59	0.05	2		09/09/86	8.3	7
10/30/86	8.3	5	0.49	0.32	3		10/30/86	8.4	5
11/17/86	8.1	5	0.6	0.06	2		11/17/86	8.3	5
12/02/86	8.3	16	0.49	0.09	4		12/02/86	8.1	11
01/20/87	8	18	0.9	0.04	3		01/20/87	8.2	24
02/23/87		5	0.8	0.03	2		02/23/87	8.5	5
03/12/87	7.7	5	0.7	0.02	4		03/12/87	7.7	6
04/13/87	7.9	5	0.45	0.01	3		04/13/87	8.2	5
05/06/87	8.2	7	0.6	0.02	3		05/06/87	8.4	9
06/18/87	8	17	0.89	0.03	2		06/18/87	8.1	7
07/23/87	8.27	9	0.75	0.05	3		07/23/87	8.33	6
08/03/87	8.31	6	0.58	0.04	2		08/03/87	8.24	5
09/23/87	8.2	12	0.79	0.02			09/23/87	8.2	11
12/03/87	7.2	5	0.69	0.02			12/03/87	1.2	5
01/27/88	7.53	5	0.85	0.01			01/27/88	7.82	5
03/07/88	8.64	5	0.76	0.02			03/07/88	8.63	6

06/13/88	8.35	5	0.6	0.03	0.98		06/13/88	8.03	5
07/07/88	7.89	4	0.65	0.03	0.84		07/07/88	8.16	2
08/22/88	8.09	4	0.76	0.05	1.53		08/22/88	7.95	7
09/12/88	8.21	1	0.72	0.04	0.79		09/12/88	8.29	1
11/02/88	8.27	1	0.36	0.01	1.35	13	11/02/88	8.25	1
01/17/89	8.12	2			1.34	7.7	01/17/89	8.31	4
03/20/89	8.1	1	0.84	0.02	1.07		03/20/89	8.23	1
06/13/89	8.18	5	0.73	0.03	1.5	6.3	06/13/89	7.94	10
07/17/89	8.33	26	0.56	0.03	2.79	6.03	06/13/89	7.94	
08/08/89	8.47	7	0.89	0.03	1.74		07/17/89	8.29	42
12/06/89	8.93	2	0.93	0.05	0.46	7.08	08/08/89	8.48	5
01/30/90	8.35	10	0.78	0.02	1.4	6.1	08/08/89	8.48	
02/21/90	8.44	1	0.83	0.01	1.41	6.32	12/06/89	8.89	1
04/11/90	7.94	11	0.55	0.02	1.43	5.4	01/30/90	8.32	13
07/16/90	7.82	28	0.66	0.05	3.01	8.74	02/21/90	8.53	1
08/13/90	8.16	13	1.69	0.04	1.08	19.9	04/11/90	7.7	17
01/28/91	8.7	5	0.97	0.01		6.1	06/12/90		
04/30/91	7.3	11	0.49	0.01	1.4	5.3	07/16/90	7.92	9
05/22/91	8	7	0.85	0.02	1.3	7.8	08/13/90	8.35	5
06/11/91	8.2	8	0.91	0.03	1.5	11.1	01/28/91	7.58	5
07/01/91	8	20			1.6	12.2	03/18/91	8.7	5
08/14/91	7.7	5	1.04	0.02	1.3	7.7	04/30/91	7.6	7
09/24/91	8.15	3	0.91	0.02	1.3	11.5	05/22/91	8	10
10/28/91	7.6	3	0.55	0.01	2.3		06/11/91	8.1	3
11/20/91	7.2	3	0.68	0.01	1	12.9	07/02/91	7.9	65
12/11/91	8	7	1.02	0.02	1.7	12.2	09/09/91	8.11	3
01/16/92	8.6	9	0.92	0.01	1.9	7.2	10/17/91	8.4	3
02/24/92	7.9	6	0.6	0.01	9.5	6.8	11/18/91	8.6	3
03/12/92	9.5	10	0.59	0.01	1.3	5.8	12/16/91	7.8	3
04/20/92	7.84	12	0.69	0.01	1	5.6	01/21/92		2
05/19/92	7.8	48	0.81		3.8	5.9	02/18/92	8.23	4
06/22/92	8	6	0.74		3.9	6.2	03/09/92	8.8	11
07/28/92	7.9	4	0.99		5.5	11.4	04/14/92		
08/13/92	8.1	26	0.62		4.5	12.5	05/18/92	8	6
09/10/92	7.8	5	0.52		6.3	9.1	06/04/92	8.05	3
10/28/92	7.5	1	0.5		1	11.9	07/07/92	8	3
11/24/92	6.9	40	0.27		8.6	4.2	08/10/92	8.3	3
12/15/92	7.3	4	0.78		4.9	6.8	09/14/92	8.1	2
01/26/93	8.1	7	0.86		2	5.7	10/20/92	8.4	1
02/16/93	7.5	4	0.71		2.1	7.2	11/19/92	8.1	3
03/18/93	7	17	0.67		2.2	6	12/01/92	7.6	4
04/19/93	6.9	9	0.53		2	4.7	01/12/93	8.1	8
05/20/93	7.2	25	0.65		5.7	6.3	02/08/93	8.7	3
06/28/93	8.2	4	0.76		1.2	11.7	03/08/93	8	19
07/14/93	8	8	1.35		4.3	12.7	04/12/93	7.8	30
08/12/93	7.3	6	0.99		1.4	12.5	05/17/93	7.1	7
09/27/93	7.1	3	0.58		1.6	13.8	06/17/93	7.2	13
10/12/93	8.2	3	0.75		1.3	14.4	07/19/93	7.8	8
11/29/93	7.2	7	0.79		3.5	0	08/26/93	7.5	4
12/08/93	7.3	11	0.8		3.2	5.7	09/16/93	7.4	4
01/11/94	8.4	3	0.91		1	6.8	10/26/93	8.4	3
02/09/94	7.7	10	0.93		1.3	5.3	11/16/93	7.3	3

03/09/94	7.8	31	0.94	2.7	4.2	12/14/93	9	3
04/14/94	8.2	10	0.85	3.1	5.9	01/20/94	8.1	
05/11/94	8.3	4	0.65	1	6	02/14/94	8.5	4
06/08/94	8.1	3	0.91	1.6	8.2	03/23/94	8.6	4
07/12/94	8.9	5	0.68	2.7	10.2	04/19/94	8.6	6
08/11/94	8.2	8			12	05/10/94	8.1	7
09/08/94	8.6	3	0.84	1.7	10.2	06/20/94	8.1	7
10/17/94		4	0.83	1.1	14.4	07/18/94	8.2	
11/07/94	8.1	3	0.45	1.8	12.9	08/15/94	8.4	4
12/13/94	7.6	3	0.43	1	6.6	09/29/94	8.3	3
01/10/95	7.3	3	0.48	1.1	5.5	10/20/94	8.1	3
02/22/95	9.3	4	0.64	1.8	6.7	11/15/94	8.3	3
03/20/95	8.2	4	0.63	1.6	6.6	12/06/94	8	9
04/10/95	8.7	3	0.39	2.5	8.8	01/19/95	8.3	15
05/22/95	8.6	3	0.42	2.5	7.6	02/28/95	8.4	4
06/14/95	7.6	12	0.41	3.4	5.3	03/29/95	8.3	3
07/17/95	8.2	6	0.88	2.3	7.8	04/24/95	8.3	9
08/28/95	7.9	3	0.85	2	12.5	05/30/95	8	20
09/13/95	8.4	3	0.63	5.6	12	06/26/95	8.1	58
10/23/95	7.5	10	0.47	3	4.7	07/20/95	8.2	5
11/13/95	7.8	19	0.26	3	4.3	08/15/95	8	4
12/06/95	8.2	3	0.63	2.4	6.7	09/19/95	8.3	3
01/29/96	7.9	18	0.62	3.7	4.6	10/18/95	8.4	3
02/12/96	8.2	8	0.89	2	5.5	11/13/95	8.2	20
03/25/96	8	3	0.63	5.6	5.8	12/11/95	8.1	3
04/08/96	8.7	3	0.62	1.5	5.9	01/18/96	7.9	12
05/02/96	8.3	6	0.44	1.4	5.1	02/05/96	8	5
06/17/96	6.4	7	0.62	1.3	6.2	03/28/96	8.2	3
07/17/96	8.3	6	1.24	1.3	10.9	04/25/96	8.5	5
07/22/96	8.1					05/15/96	8.2	5
08/12/96	7.6	9	1.06	1.5	12.1	06/24/96	8	12
09/11/96	7	18	0.47		5.1	07/18/96	7.8	6
10/15/96	7.9	4	0.82		6.3	08/20/96	8	3
11/14/96	6.8	3	0.66		6.3	09/12/96	7.5	19
12/10/96	7.8	6	0.68		6.2	10/10/96	7.3	8
01/21/97	8	3	1.01		7.5	11/13/96	8.1	3
02/10/97	7.9	5	0.93		6.4	12/19/96	7.8	10
03/12/97	8.3	5	0.84		6.3	01/22/97	8.2	3
04/16/97	8.3	6	0.71		6.8	02/18/97	8.7	5
05/01/97	8.8	7	0.48		6.1	03/27/97	8.2	6
06/10/97	7.5	17	0.69		8.8	04/29/97	8.7	8
07/15/97	7.7	15	1.05		11.6	05/28/97	8	8
08/04/97	7.9	11	0.89		11.6	06/19/97	8	7
09/18/97	7.9	7	1.02		11.9	07/31/97	7.8	9
10/16/97	8	13	0.08		12.2	08/07/97	8	12
11/17/97	7.4	3	0.83		7.6	09/29/97	7.4	6
12/10/97	7.8	3	0.91		8.9	10/14/97	7.8	3
01/13/98	6.9	17	0.55		5.9	11/20/97	8.2	3
02/12/98	7.2	23	0.64		5.8	12/17/97	8.4	3
03/18/98	7.5	6	0.72		6	01/15/98	8.2	11
04/14/98	8		0.38		5.2	02/18/98	7.8	171
05/13/98	7.7	13	0.44		5.1	03/26/98	7.2	5



06/29/98	8.3	12	0.81	7.3	04/30/98	7.5	9
07/14/98	8.5	5	0.99	8.2	05/19/98	7.8	18
08/18/98	7.3	13	1.01	10.6	06/15/98	8.3	23
09/29/98	7.7	3	0.73	10.9	06/24/98	7.8	12
10/19/98	7.3	3	1.11	11.3	07/29/98	7.5	5
11/16/98	7.5	3	0.83	11.9	08/20/98	7.6	4
12/15/98	8.3	8	0.88	11.1	09/21/98	7.6	16
01/19/99	8.3	6	0.81	8.1	10/01/98	7.5	3
02/11/99	8.5	3	0.66	8.1	11/23/98	7.8	3
03/25/99	8.5	8	0.64	6.7	12/21/98	8.5	3
04/19/99	8.4	4	0.6	8.8	01/27/99	8.2	8
05/06/99	8.9	3	0.71	9.7	02/25/99	8.3	3
06/21/99	7.8	5	0.95	12	03/31/99	8.3	7
07/22/99	7.8	11	1	12.3	04/21/99	8.4	10
08/11/99	9	3	0.41	13.4	05/19/99	7.8	11
09/23/99	7.1	3	0.63	7.9	06/22/99	7.5	7
10/27/99	7.7		0.97		07/29/99	8.1	11
11/18/99	8.8	3	0.61	6.5	08/12/99	8.1	3
12/09/99	8.6	3	0.6	5.4	09/29/99	8.1	11
01/13/00	8.3	3	0.64	8	10/13/99	8.1	3
02/07/00	8.8	3	0.75	9.9	11/29/99	8.2	3
03/20/00	8.2	5	0.46	7.6	12/20/99	8.3	5
04/13/00	9	4	0.5	7.2	02/24/00	8.1	6
05/30/00	8.1	8	0.76	9.1	03/28/00	8.3	8
06/14/00	8.5	3	0.71	12.2	04/24/00	8.2	22
07/12/00	8.3	5	0.8	11.5	05/31/00	8	6
08/14/00	8	5	0.64	11.8	06/20/00	7.9	15
09/28/00	7.5	3	0.66	7.9	07/27/00	8.1	5
10/11/00	8.1	3	0.88	7.6	08/23/00	8.1	4
11/13/00	8	3	0.62	11.2	08/28/00	8.2	3
12/12/00	8	3	0.83	12.5	09/27/00	8	11
01/17/01	8.9	3	0.51	10.5	10/17/00	7.7	3
02/20/01	8.3	4	0.6	8.6	10/19/00	7.9	3
04/10/01	7	8	0.56	7.4	11/27/00	8.1	3
05/23/01	7.7	56	0.71	7.8	12/05/00	7.5	3
06/14/01	8	5	0.94	11.5	12/18/00	8.2	17
08/01/01	7	6	0.79		01/24/01	8.5	3
10/09/01	8.1	3	0.58		02/27/01	7.9	3
12/20/01	7.5	3	0.94		02/28/01	8.1	3
02/11/02	7.9	3	1.03		03/26/01	8.3	11
04/11/02	7.3	4	0.38		04/10/01	7.9	4
06/04/02	6.8	3	0.41		04/12/01	7.7	29
07/18/02	7.9	4	0.31		05/24/01	7.8	23
09/05/02	7.9	3	0.37		06/25/01	8	12
11/05/02	7.6	3	0.6		06/28/01	8.1	5
					07/11/01	7.8	3
					08/21/01	7.8	3
					09/06/01	8.2	3
					10/25/01	7.8	3
					12/03/01	8.2	3
					01/08/02	8.1	3
					02/05/02	8.9	3



03/20/02	7.1	4
04/04/02	8.1	4
06/03/02	7.9	3
06/18/02	7.9	4
07/01/02	8.1	5
08/05/02	7.9	4
09/12/02	8.2	4
10/22/02	8	3
11/13/02	7.7	30

Nitrate (mg/L)	o-P (mg/L)	TOC (mg/L)	SO4 (mg/L)
		6	
		4	
1	0.08	6	
1.5	0.17	6	
1.5	0.14	8	
2.6	0.2	8	
2.8	0.2	5	
0.7	0.04	8	
0.7	0.06	7	
1.2	0.06	4	
2.1	0.09	7	
1.6	0.15	9	
0.41	0.06	9	
1	0.05	7	
1.9	0.09	6	
3.1	0.12	7	
3.1	0.12	8	
2.2	0.21	7	
3	0.24	6	
4.1	0.32	6	
4.9	0.29	10	
5.4	0.35	11	
2.8	0.17	21	
4.4	0.18	11	
3.41	0.25	11	
3.5	0.3	4	
0.43	0.02	7	
3.8	0.25	9	
4	0.27	10	
3.4	0.27	10	
3.7	0.35	10	
3.8	0.72	1	
0.6	0.23	3	
1.9	0.08	1	
2.6	0.2	4	
2.8	0.23	6	
5	0.26	8	
2.77	0.18	4	
4.2	0.3	7	
4.9	0.3	8	
0.68	0.14	26	
3	0.11	1	
0.24	0.08	2	
1.1	0.05	3	

0.69	0.06	5
1.5	0.06	3
2.3	0.12	4
3.4	0.18	4
4	0.27	12
0.39	0.29	4
2.4	0.19	4
3.3	0.15	3
2.3	0.1	3
2.6	0.12	1
1.7	0.11	7
0.94	0.04	3
1.3	0.03	2
0.95	0.04	3
3.7	0.18	4
2.41	0.11	5
3.3	0.29	8
3.2	0.1	4
2.2	0.11	6
1.57	0.09	3
1.47	0.1	2
3.17	0.17	7
3.48	0.29	4
		5
3.46	0.2	5
1.33	0.05	3
1.88	0.05	3
3.2	0.09	5
2.02	0.07	4
2.47	0.08	5
1.8	0.08	4
2.9	0.11	5
3.02	0.22	5
3.98	0.32	5
4.98	0.34	7
2.81	0.23	5
4.47	0.27	5
5.5	0.25	6
6	0.22	6
3.9	0.34	6
1.5	0.06	3
2.22	0.11	4
1.3	0.05	4
0.08	0.03	3
1.19	0.03	4
3.22	0.15	4
2.37	0.17	5
2.77	0.2	4
1.8	0.08	
1.4	0.05	
1.9	0.05	
2.17	0.08	

1.98	0.07	2.35	
3.38	0.11	3.34	
2.36	0.12	3.54	
2.89	0.11	3.39	
5.63	0.13	5	55.5
		1.92	20.7
2.34	0.06	2.36	18.4
		2.51	17.2
1.86	0.02		
0.88	0.07	3.04	12.7
		3.48	
2.42	0.07		
2.49	0.03	2.64	18.8
1.92	0.06	2.3	15.5
2.1	0.04	2.46	17.32
1.32	0.04	2	11.8
2.04	0.06		
1.87	0.1	3.37	15.8
2.8	0.12	2.83	23.7
1.3	0.02	1.52	9.6
0.8	0.01	1.7	7.8
0.93	0.02	1.7	7.7
1.43	0.07	1.5	13
1.53	0.1	1.9	13.6
1.03	0.09	3.4	10.3
		2.1	18.1
1.36	0.09	1.5	12.3
1.4	0.08	1.5	14.2
1.54	0.07	1.7	13.2
1.54	0.04	1	10.5
1.15	0.04	13.4	9.3
0.84	0.04	2.9	6.8
0.89	0.07		
0.92		2.7	9.3
1.25		3.2	8
1.26		1	9
1.76		1.4	11.2
1.02		5.3	12.5
1.26		1.6	9.7
0.88		4.3	10.3
1.03		1.8	7
0.96		4.2	7.9
0.96		1.4	8.1
1.17		3	7.6
0.7		3.7	6
1.3		1.5	10.8
1.74		1.6	11.5
0.93		1.5	12.4
1.58		1.9	11.4
1.5		1.5	15.4
1.56		1.8	11.2
1.53		2.2	11.7

1.42	0.06	1	
1.48		1.3	6.4
1.13		3.3	6.5
1.14		3.2	7.1
1.05		2.1	6.6
1.51		2.9	7.6
1.49		2.4	10.7
1.45		1.7	8.3
1.57		1.7	11.4
1.14		1.9	9.7
0.86		2.1	8
0.67		1.8	6.2
1.06		5.2	7.8
1.15		3.5	8.2
1.27		2.8	9.2
1.23		2.9	7.6
0.44		4	5.6
1.08		1.9	8.1
1.42		1	9.9
1.44		3.9	11.1
1.66		1.5	10
0.42		3.4	5.4
1.01		2.4	8.1
0.93		1.5	7.1
1.4		2	6.3
1.1		2.1	7
0.89		2.8	7
0.89		1	7.3
1.25		1.9	7.8
1.6		1.5	9.7
1.8		1.7	9.9
			6.5
0.67			6.1
1.17			6.7
1.13			6.8
1.3			7.6
1.04			7.2
0.88			6.1
1.15			7.1
1.3			7.2
1.24			7.5
1.48			9.2
1.58			9.9
2.2			11.6
1.46			10.1
1.18			8.5
1.51			9
1.03			8
0.52			5.4
0.78			6.5

1.01		6.3
0.63		5.5
1.55		8.2
	11.5	
1.88		9.5
1.93		9.7
1.03		8.3
1.84		9.9
1.55		10
1.28		10.5
1.13		8.5
1.13		8.2
1.04		7.6
1.24		8.7
1.4		8.9
1.8		10.5
1.4		10.7
1.3		10
0.89		6.9
		8
0.52		5.7
0.74		5
0.69		7.5
0.6		6.3
0.55		9.8
1.19		8.6
1.11		9.8
1.4		11.5
	5	
1.25		11.5
0.96		8.6
	2	
1.12		10.6
1.5		11.5
	2	
0.68		7.8
0.87		9.3
	3.4	
1.01		9.4
0.77		8
	2	
0.87		7.2
1.04		8.6
	2	
1.04		9
1.2		
	2	
1.53		
	2	
1.45		
	2	
1.67		

0.56	2
1.11	
	2.3
1.26	
	2
1.31	
	2.2
0.86	



YEAR	COD			
	1BSSF000.19	1BSSF003.56	1BSSF054.20	1BSSF078.20
1967				
1968				
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1988				
1989		9.5		
1990		9.4		
1991		11.1		
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2002				