

6. 技術資料

< 技術資料 >

Mbuluzi River Flow at Manbhivani (1)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)		
2/1/80	1.76	4/1/80	2.61	5/1/80	3.51	6/1/80	2.61	7/1/80	2.83	8/1/80	2.78	9/1/80	2.49	10/1/80	2.89	11/1/80	4.05	12/1/80	7.93
2/2/80	1.84	4/2/80	2.55	5/2/80	3.40	6/2/80	3.34	7/2/80	2.83	8/2/80	2.97	9/2/80	2.21	10/2/80	2.15	11/2/80	4.45	12/2/80	7.79
2/3/80	1.98	4/3/80	2.55	5/3/80	3.40	6/3/80	3.96	7/3/80	2.61	8/3/80	2.97	9/3/80	1.70	10/3/80	2.97	11/3/80	5.95	12/3/80	7.36
2/4/80	2.04	4/4/80	2.52	5/4/80	3.34	6/4/80	3.99	7/4/80	3.11	8/4/80	3.17	9/4/80	2.41	10/4/80	1.59	11/4/80	3.74	12/4/80	5.01
2/5/80	2.18	4/5/80	2.49	5/5/80	3.26	6/5/80	3.96	7/5/80	3.06	8/5/80	2.69	9/5/80	2.15	10/5/80	1.84	11/5/80	4.53	12/5/80	5.15
2/6/80	2.27	4/6/80	2.46	5/6/80	3.17	6/6/80	3.85	7/6/80	3.54	8/6/80	2.49	9/6/80	2.41	10/6/80	2.83	11/6/80	4.81	12/6/80	4.70
2/7/80	2.38	4/7/80	2.44	5/7/80	3.17	6/7/80	3.74	7/7/80	3.17	8/7/80	2.89	9/7/80	2.97	10/7/80	1.98	11/7/80	2.97	12/7/80	5.07
2/8/80	2.46	4/8/80	2.61	5/8/80	3.11	6/8/80	3.68	7/8/80	2.83	8/8/80	2.78	9/8/80	2.69	10/8/80	1.47	11/8/80	4.53	12/8/80	5.95
2/9/80	2.49	4/9/80	3.85	5/9/80	3.09	6/9/80	3.62	7/9/80	2.89	8/9/80	2.75	9/9/80	2.10	10/9/80	1.93	11/9/80	7.02	12/9/80	4.16
2/10/80	2.49	4/10/80	4.08	5/10/80	2.97	6/10/80	3.68	7/10/80	4.53	8/10/80	3.11	9/10/80	2.10	10/10/80	1.56	11/10/80	4.30	12/10/80	3.96
2/11/80	2.52	4/11/80	4.08	5/11/80	2.94	6/11/80	3.96	7/11/80	2.97	8/11/80	3.40	9/11/80	1.93	10/11/80	1.27	11/11/80	3.40	12/11/80	2.78
2/12/80	2.55	4/12/80	4.11	5/12/80	2.89	6/12/80	4.25	7/12/80	2.89	8/12/80	2.89	9/12/80	1.98	10/12/80	1.90	11/12/80	4.42	12/12/80	2.83
2/13/80	2.55	4/13/80	4.13	5/13/80	2.83	6/13/80	3.54	7/13/80	2.89	8/13/80	2.83	9/13/80	2.01	10/13/80	1.98	11/13/80	3.74	12/13/80	4.53
2/14/80	2.55	4/14/80	4.22	5/14/80	2.78	6/14/80	3.40	7/14/80	3.91	8/14/80	2.89	9/14/80	2.27	10/14/80	1.47	11/14/80	3.85	12/14/80	6.54
2/15/80	2.58	4/15/80	4.22	5/15/80	2.69	6/15/80	4.25	7/15/80	2.72	8/15/80	2.66	9/15/80	3.17	10/15/80	1.42	11/15/80	6.80	12/15/80	48.14
2/16/80	2.61	4/16/80	4.25	5/16/80	2.66	6/16/80	4.25	7/16/80	2.49	8/16/80	2.55	9/16/80	2.27	10/16/80	0.91	11/16/80	4.67	12/16/80	168.20
2/17/80	2.61	4/17/80	4.25	5/17/80	2.58	6/17/80	3.28	7/17/80	2.55	8/17/80	2.55	9/17/80	4.33	10/17/80	0.62	11/17/80	4.53	12/17/80	139.89
2/18/80	2.61	4/18/80	4.25	5/18/80	2.55	6/18/80	3.68	7/18/80	3.03	8/18/80	1.98	9/18/80	5.38	10/18/80	0.76	11/18/80	3.26	12/18/80	38.37
2/19/80	2.63	4/19/80	4.25	5/19/80	2.49	6/19/80	2.83	7/19/80	3.34	8/19/80	2.69	9/19/80	3.11	10/19/80	1.59	11/19/80	2.63	12/19/80	25.49
2/20/80	2.66	4/20/80	4.16	5/20/80	2.44	6/20/80	3.74	7/20/80	1.59	8/20/80	2.15	9/20/80	2.83	10/20/80	3.45	11/20/80	3.11	12/20/80	22.09
2/21/80	2.69	4/21/80	4.11	5/21/80	2.38	6/21/80	3.62	7/21/80	2.04	8/21/80	1.70	9/21/80	3.11	10/21/80	2.83	11/21/80	6.23	12/21/80	19.82
2/22/80	2.69	4/22/80	3.96	5/22/80	2.32	6/22/80	3.54	7/22/80	1.93	8/22/80	1.61	9/22/80	3.40	10/22/80	2.27	11/22/80	6.71	12/22/80	17.84
2/23/80	2.72	4/23/80	3.96	5/23/80	2.27	6/23/80	3.68	7/23/80	2.27	8/23/80	1.81	9/23/80	2.89	10/23/80	2.49	11/23/80	12.18	12/23/80	16.42
2/24/80	2.72	4/24/80	3.91	5/24/80	2.27	6/24/80	3.40	7/24/80	3.34	8/24/80	1.87	9/24/80	1.47	10/24/80	2.92	11/24/80	33.98	12/24/80	16.42
2/25/80	2.72	4/25/80	3.82	5/25/80	2.21	6/25/80	4.11	7/25/80	3.54	8/25/80	1.98	9/25/80	1.76	10/25/80	3.68	11/25/80	11.89	12/25/80	15.57
2/26/80	2.69	4/26/80	3.79	5/26/80	2.15	6/26/80	3.68	7/26/80	3.34	8/26/80	2.63	9/26/80	2.97	10/26/80	3.82	11/26/80	9.34	12/26/80	13.88
2/27/80	2.69	4/27/80	3.74	5/27/80	2.12	6/27/80	3.91	7/27/80	3.11	8/27/80	3.68	9/27/80	2.83	10/27/80	5.38	11/27/80	6.51	12/27/80	13.03
2/28/80	2.66	4/28/80	3.68	5/28/80	2.07	6/28/80	3.68	7/28/80	3.40	8/28/80	2.97	9/28/80	3.11	10/28/80	3.11	11/28/80	6.51	12/28/80	11.47
2/29/80	2.66	4/29/80	3.68	5/29/80	1.98	6/29/80	3.40	7/29/80	2.89	8/29/80	3.11	9/29/80	3.54	10/29/80	2.83	11/29/80	4.81	12/29/80	10.48
2/30/80	2.66	4/30/80	3.54	5/30/80	1.98	6/30/80	3.40	7/30/80	2.61	8/30/80	2.97	9/30/80	3.11	10/30/80	2.55	11/30/80	7.22	12/30/80	9.91
2/31/80	2.61	5/31/80	2.04	7/31/80	2.69	8/31/80	2.55	9/31/80	2.69	10/31/80	2.55	11/31/80	2.69	12/31/80	2.69	12/31/80	2.69	12/31/80	9.06
Min.	1.50	Min.	2.44	Min.	1.98	Min.	2.61	Min.	1.59	Min.	1.61	Min.	1.47	Min.	0.62	Min.	2.63	Min.	2.78
Max.	1.67	Max.	4.25	Max.	3.51	Max.	4.25	Max.	4.53	Max.	3.68	Max.	5.38	Max.	5.38	Max.	33.98	Max.	168.20
Ave.	1.59	Ave.	3.61	Ave.	2.68	Ave.	3.67	Ave.	2.93	Ave.	2.65	Ave.	2.69	Ave.	2.30	Ave.	6.40	Ave.	21.61

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (2)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)						
1/1/81	8.35	2/1/81	8.78	3/1/81	16.20	4/1/81	6.51	5/1/81	6.51	6/1/81	5.80	7/1/81	4.70	8/1/81	6.57	9/1/81	5.95	10/1/81	3.40	11/1/81	7.60	12/1/81	22.00
1/2/81	8.21	2/2/81	65.61	3/2/81	12.80	4/2/81	6.71	5/2/81	6.71	6/2/81	5.95	7/2/81	7.65	8/2/81	8.72	9/2/81	5.24	10/2/81	3.40	11/2/81	4.40	12/2/81	10.00
1/3/81	7.79	2/3/81	140.99	3/3/81	11.33	4/3/81	9.00	5/3/81	9.00	6/3/81	5.66	7/3/81	6.12	8/3/81	3.62	9/3/81	4.37	10/3/81	4.50	11/3/81	3.70	12/3/81	10.00
1/4/81	7.08	2/4/81	45.59	3/4/81	7.59	4/4/81	8.61	5/4/81	9.49	6/4/81	6.37	7/4/81	5.95	8/4/81	1.98	9/4/81	4.87	10/4/81	5.90	11/4/81	3.70	12/4/81	8.50
1/5/81	8.07	2/5/81	30.58	3/5/81	9.80	4/5/81	5.21	5/5/81	5.21	6/5/81	5.95	7/5/81	5.24	8/5/81	2.41	9/5/81	4.81	10/5/81	5.40	11/5/81	3.10	12/5/81	7.20
1/6/81	4.50	2/6/81	470.06	3/6/81	9.29	4/6/81	8.69	5/6/81	8.69	6/6/81	5.95	7/6/81	5.38	8/6/81	3.40	9/6/81	4.39	10/6/81	4.00	11/6/81	2.30	12/6/81	6.00
1/7/81	4.62	2/7/81	146.40	3/7/81	14.44	4/7/81	4.90	5/7/81	4.90	6/7/81	5.80	7/7/81	4.39	8/7/81	4.39	9/7/81	4.19	10/7/81	4.00	11/7/81	2.20	12/7/81	6.20
1/8/81	4.39	2/8/81	83.54	3/8/81	14.50	4/8/81	6.00	5/8/81	6.00	6/8/81	5.61	7/8/81	5.66	8/8/81	4.05	9/8/81	4.05	10/8/81	3.90	11/8/81	2.50	12/8/81	7.70
1/9/81	5.10	2/9/81	60.32	3/9/81	14.16	4/9/81	6.60	5/9/81	6.60	6/9/81	4.53	7/9/81	5.80	8/9/81	4.13	9/9/81	4.73	10/9/81	3.70	11/9/81	3.50	12/9/81	9.50
1/10/81	4.81	2/10/81	49.84	3/10/81	16.42	4/10/81	7.90	5/10/81	5.10	6/10/81	4.53	7/10/81	5.66	8/10/81	4.39	9/10/81	12.23	10/10/81	3.70	11/10/81	3.40	12/10/81	10.00
1/11/81	4.53	2/11/81	38.23	3/11/81	18.69	4/11/81	6.80	5/11/81	5.21	6/11/81	4.39	7/11/81	5.80	8/11/81	4.11	9/11/81	45.76	10/11/81	5.50	11/11/81	3.00	12/11/81	9.50
1/12/81	5.18	2/12/81	37.38	3/12/81	22.80	4/12/81	6.80	5/12/81	4.90	6/12/81	4.47	7/12/81	5.80	8/12/81	4.25	9/12/81	24.92	10/12/81	6.00	11/12/81	2.50	12/12/81	7.30
1/13/81	3.45	2/13/81	33.13	3/13/81	21.01	4/13/81	6.60	5/13/81	5.80	6/13/81	4.25	7/13/81	5.52	8/13/81	4.53	9/13/81	20.11	10/13/81	5.40	11/13/81	2.80	12/13/81	7.20
1/14/81	3.77	2/14/81	29.17	3/14/81	50.97	4/14/81	5.89	5/14/81	6.00	6/14/81	4.11	7/14/81	4.25	8/14/81	4.67	9/14/81	11.61	10/14/81	5.00	11/14/81	4.30	12/14/81	7.60
1/15/81	3.96	2/15/81	28.32	3/15/81	47.57	4/15/81	6.80	5/15/81	5.30	6/15/81	3.96	7/15/81	4.10	8/15/81	4.30	9/15/81	6.80	10/15/81	4.00	11/15/81	3.40	12/15/81	8.50
1/16/81	2.78	2/16/81	25.20	3/16/81	33.84	4/16/81	8.10	5/16/81	5.30	6/16/81	2.83	7/16/81	5.44	8/16/81	3.68	9/16/81	4.53	10/16/81	4.50	11/16/81	3.30	12/16/81	7.00
1/17/81	2.78	2/17/81	22.65	3/17/81	18.01	4/17/81	8.69	5/17/81	4.81	6/17/81	3.17	7/17/81	5.15	8/17/81	4.53	9/17/81	5.15	10/17/81	4.20	11/17/81	3.20	12/17/81	6.60
1/18/81	3.11	2/18/81	19.96	3/18/81	23.59	4/18/81	8.69	5/18/81	7.22	6/18/81	3.96	7/18/81	5.38	8/18/81	4.67	9/18/81	5.10	10/18/81	4.00	11/18/81	3.60	12/18/81	5.00
1/19/81	5.18	2/19/81	18.26	3/19/81	21.01	4/19/81	9.49	5/19/81	11.33	6/19/81	4.39	7/19/81	5.66	8/19/81	3.96	9/19/81	5.24	10/19/81	3.90	11/19/81	4.00	12/19/81	2.20
1/20/81	3.06	2/20/81	17.58	3/20/81	19.99	4/20/81	8.69	5/20/81	9.63	6/20/81	4.96	7/20/81	5.10	8/20/81	3.96	9/20/81	5.15	10/20/81	3.10	11/20/81	5.60	12/20/81	2.10
1/21/81	4.33	2/21/81	17.61	3/21/81	19.99	4/21/81	8.69	5/21/81	7.08	6/21/81	4.81	7/21/81	4.96	8/21/81	3.40	9/21/81	3.82	10/21/81	2.30	11/21/81	9.60	12/21/81	2.30
1/22/81	8.50	2/22/81	16.85	3/22/81	19.99	4/22/81	19.99	5/22/81	7.79	6/22/81	4.39	7/22/81	5.24	8/22/81	3.91	9/22/81	3.51	10/22/81	2.50	11/22/81	4.50	12/22/81	2.00
1/23/81	8.78	2/23/81	15.01	3/23/81	18.18	4/23/81	6.80	5/23/81	6.94	6/23/81	3.00	7/23/81	5.38	8/23/81	3.96	9/23/81	3.68	10/23/81	2.30	11/23/81	4.50	12/23/81	2.70
1/24/81	4.67	2/24/81	14.02	3/24/81	15.60	4/24/81	6.51	5/24/81	6.94	6/24/81	4.53	7/24/81	5.38	8/24/81	4.02	9/24/81	3.74	10/24/81	2.70	11/24/81	5.20	12/24/81	2.30
1/25/81	5.95	2/25/81		3/25/81	15.21	4/25/81	6.31	5/25/81	6.94	6/25/81	5.66	7/25/81	5.24	8/25/81	2.41	9/25/81	4.25	10/25/81	3.40	11/25/81	5.70	12/25/81	4.10
1/26/81	5.38	2/26/81		3/26/81	12.91	4/26/81	7.90	5/26/81	6.80	6/26/81	6.09	7/26/81	5.38	8/26/81	3.96	9/26/81	3.91	10/26/81	5.40	11/26/81	6.60	12/26/81	5.60
1/27/81	7.93	2/27/81		3/27/81	19.99	4/27/81	3.99	5/27/81	6.65	6/27/81	6.51	7/27/81	5.52	8/27/81	4.53	9/27/81	3.96	10/27/81	4.70	11/27/81	21.00	12/27/81	3.80
1/28/81	6.65	2/28/81		3/28/81	47.01	4/28/81	3.74	5/28/81	6.65	6/28/81	6.37	7/28/81	5.04	8/28/81	3.96	9/28/81	3.96	10/28/81	4.20	11/28/81	20.00	12/28/81	3.90
1/29/81	14.16			3/29/81	26.70	4/29/81	3.54	5/29/81	6.51	6/29/81	5.95	7/29/81	5.15	8/29/81	3.77	9/29/81	3.82	10/29/81	7.60	11/29/81	19.20	12/29/81	3.10
1/30/81	9.91			3/30/81	21.61	4/30/81	4.90	5/30/81	5.95	6/30/81	3.68	7/30/81	4.81	8/30/81	4.81	9/30/81	3.96	10/30/81	7.40	11/30/81	50.00	12/30/81	2.10
1/31/81	8.64			3/31/81	21.01			5/31/81	5.95			7/31/81	4.81	8/31/81	6.23			10/31/81	10.00			12/31/81	3.20
Min.	2.78	Min.	8.78	Min.	7.59	Min.	4.81	Min.	4.81	Min.	2.83	Min.	4.10	Min.	1.98	Min.	3.51	Min.	2.30	Min.	2.20	Min.	2.00
Max.	14.16	Max.	470.06	Max.	50.97	Max.	16.20	Max.	11.33	Max.	6.51	Max.	7.65	Max.	6.57	Max.	45.76	Max.	10.00	Max.	50.00	Max.	22.00
Ave.	5.99	Ave.	59.80	Ave.	20.87	Ave.	7.85	Ave.	6.69	Ave.	4.92	Ave.	5.34	Ave.	4.13	Ave.	7.59	Ave.	4.52	Ave.	7.28	Ave.	6.30

Mbuluzi River Flow at Maphiveni (3)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)				
1/1/82	9.30	2/1/82	11.00	4/1/82	4.00	5/1/82	3.30	6/1/82	2.70	7/1/82	2.30	8/1/82	1.95	9/1/82	1.84	10/1/82	2.84	11/1/82	1.81	12/1/82	1.96
1/2/82	8.70	2/2/82	9.00	4/2/82	2.90	5/2/82	3.60	6/2/82	2.40	7/2/82	2.30	8/2/82	2.26	9/2/82	1.57	10/2/82	2.86	11/2/82	2.29	12/2/82	1.68
1/3/82	12.00	2/3/82	8.50	4/3/82	4.00	5/3/82	3.70	6/3/82	1.80	7/3/82	2.10	8/3/82	2.17	9/3/82	2.22	10/3/82	2.37	11/3/82	1.94	12/3/82	1.31
1/4/82	11.60	2/4/82	7.90	4/4/82	9.80	5/4/82	3.10	6/4/82	1.80	7/4/82	1.90	8/4/82	1.65	9/4/82	2.20	10/4/82	1.49	11/4/82	1.82	12/4/82	1.85
1/5/82	8.50	2/5/82	6.00	4/5/82	8.40	5/5/82	3.80	6/5/82	1.90	7/5/82	3.10	8/5/82	1.76	9/5/82	2.40	10/5/82	1.13	11/5/82	1.39	12/5/82	2.64
1/6/82	7.00	2/6/82	6.10	4/6/82	8.20	5/6/82	3.70	6/6/82	2.10	7/6/82	2.10	8/6/82	2.40	9/6/82	1.90	10/6/82	1.18	11/6/82	1.18	12/6/82	2.50
1/7/82	4.00	2/7/82	8.20	4/7/82	10.30	5/7/82	3.10	6/7/82	2.50	7/7/82	1.60	8/7/82	2.70	9/7/82	1.60	10/7/82	1.32	11/7/82	1.96	12/7/82	2.24
1/8/82	5.00	2/8/82	12.00	4/8/82	7.00	5/8/82	3.00	6/8/82	2.50	7/8/82	1.50	8/8/82	2.60	9/8/82	1.70	10/8/82	1.17	11/8/82	3.77	12/8/82	1.47
1/9/82	4.60	2/9/82	11.40	4/9/82	15.00	5/9/82	3.10	6/9/82	2.50	7/9/82	2.00	8/9/82	1.84	9/9/82	0.94	10/9/82	0.94	11/9/82	3.05	12/9/82	0.98
1/10/82	5.00	2/10/82	9.00	4/10/82	17.00	5/10/82	3.40	6/10/82	2.40	7/10/82	2.20	8/10/82	1.70	9/10/82	2.20	10/10/82	1.07	11/10/82	3.04	12/10/82	0.89
1/11/82	5.90	2/11/82	10.00	4/11/82	8.00	5/11/82	2.60	6/11/82	2.50	7/11/82	2.30	8/11/82	2.00	9/11/82	2.10	10/11/82	1.79	11/11/82	3.46	12/11/82	1.17
1/12/82	4.80	2/12/82	9.50	4/12/82	4.80	5/12/82	3.10	6/12/82	2.60	7/12/82	2.80	8/12/82	1.95	9/12/82	1.25	10/12/82	1.93	11/12/82	2.88	12/12/82	2.45
1/13/82	4.90	2/13/82	9.00	4/13/82	6.00	5/13/82	2.60	6/13/82	2.60	7/13/82	2.60	8/13/82	2.00	9/13/82	1.98	10/13/82	1.60	11/13/82	3.09	12/13/82	3.73
1/14/82	4.80	2/14/82	9.00	4/14/82	4.50	5/14/82	2.50	6/14/82	3.00	7/14/82	2.40	8/14/82	1.45	9/14/82	1.63	10/14/82	1.50	11/14/82	3.15	12/14/82	2.20
1/15/82	4.30	2/15/82	7.00	4/15/82	4.50	5/15/82	2.60	6/15/82	2.30	7/15/82	2.90	8/15/82	1.20	9/15/82	1.64	10/15/82	3.17	11/15/82	3.47	12/15/82	1.77
1/16/82	4.10	2/16/82	6.80	4/16/82	4.10	5/16/82	2.60	6/16/82	2.70	7/16/82	2.40	8/16/82	2.20	9/16/82	2.88	10/16/82	13.03	11/16/82	2.30	12/16/82	2.54
1/17/82	12.00	2/17/82	5.80	4/17/82	3.70	5/17/82	2.60	6/17/82	2.50	7/17/82	2.50	8/17/82	2.20	9/17/82	3.30	10/17/82	8.17	11/17/82	1.94	12/17/82	1.77
1/18/82	9.00	2/18/82	4.80	4/18/82	3.90	5/18/82	2.10	6/18/82	2.80	7/18/82	2.50	8/18/82	1.90	9/18/82	2.28	10/18/82	3.37	11/18/82	1.63	12/18/82	1.14
1/19/82	9.00	2/19/82	5.00	4/19/82	3.40	5/19/82	1.20	6/19/82	2.90	7/19/82	2.40	8/19/82	1.80	9/19/82	2.00	10/19/82	3.65	11/19/82	1.37	12/19/82	1.93
1/20/82	7.50	2/20/82	18.00	4/20/82	2.70	5/20/82	1.80	6/20/82	3.00	7/20/82	2.20	8/20/82	1.58	9/20/82	2.00	10/20/82	3.98	11/20/82	1.08	12/20/82	2.01
1/21/82	7.10	2/21/82	7.40	4/21/82	3.50	5/21/82	2.40	6/21/82	2.80	7/21/82	1.50	8/21/82	1.78	9/21/82	2.20	10/21/82	3.54	11/21/82	1.34	12/21/82	1.69
1/22/82	14.00	2/22/82	6.00	4/22/82	4.70	5/22/82	2.90	6/22/82	2.50	7/22/82	1.90	8/22/82	1.10	9/22/82	2.20	10/22/82	3.97	11/22/82	2.01	12/22/82	1.64
1/23/82	15.00	2/23/82	4.40	4/23/82	4.60	5/23/82	3.40	6/23/82	2.40	7/23/82	2.30	8/23/82	1.80	9/23/82	2.28	10/23/82	3.55	11/23/82	1.63	12/23/82	1.43
1/24/82	11.80	2/24/82	3.50	4/24/82	4.10	5/24/82	3.70	6/24/82	2.50	7/24/82	2.00	8/24/82	1.66	9/24/82	2.00	10/24/82	3.19	11/24/82	1.28	12/24/82	1.45
1/25/82	11.80	2/25/82	4.00	4/25/82	4.30	5/25/82	3.20	6/25/82	2.10	7/25/82	1.50	8/25/82	1.84	9/25/82	1.32	10/25/82	2.96	11/25/82	1.00	12/25/82	2.50
1/26/82	12.00	2/26/82	5.00	4/26/82	4.80	5/26/82	3.30	6/26/82	2.40	7/26/82	1.10	8/26/82	1.25	9/26/82	1.68	10/26/82	2.60	11/26/82	1.15	12/26/82	3.58
1/27/82	12.40	2/27/82	5.60	4/27/82	3.80	5/27/82	3.20	6/27/82	3.20	7/27/82	1.64	8/27/82	1.33	9/27/82	2.50	10/27/82	2.34	11/27/82	0.84	12/27/82	3.89
1/28/82	13.10	2/28/82	6.50	4/28/82	3.90	5/28/82	3.50	6/28/82	3.10	7/28/82	1.95	8/28/82	2.60	9/28/82	2.10	10/28/82	2.24	11/28/82	0.64	12/28/82	2.95
1/29/82	13.10	2/29/82	6.00	4/29/82	4.80	5/29/82	3.20	6/29/82	1.70	7/29/82	1.90	8/29/82	3.60	9/29/82	2.10	10/29/82	2.10	11/29/82	2.49	12/29/82	1.77
1/30/82	12.30	2/30/82	6.30	4/30/82	4.00	5/30/82	3.40	6/30/82	2.30	7/30/82	1.98	8/30/82	3.90	9/30/82	3.00	10/30/82	2.19	11/30/82	2.45	12/30/82	1.15
1/31/82	11.50	2/31/82	4.90	5/31/82	3.20	6/31/82	3.20	7/31/82	2.30	8/31/82	1.88	9/31/82	2.04	10/31/82	1.99	11/31/82	1.99	12/31/82	2.45	12/31/82	1.61
Min.	4.00	Min.	3.50	Min.	2.70	Min.	1.20	Min.	1.70	Min.	1.10	Min.	1.10	Min.	1.25	Min.	0.94	Min.	0.64	Min.	0.89
Max.	15.00	Max.	18.00	Max.	17.00	Max.	3.80	Max.	3.20	Max.	3.10	Max.	3.90	Max.	3.30	Max.	13.03	Max.	3.77	Max.	3.89
Ave.	8.91	Ave.	7.73	Ave.	5.75	Ave.	3.00	Ave.	2.48	Ave.	2.12	Ave.	2.01	Ave.	2.07	Ave.	2.88	Ave.	2.05	Ave.	2.00

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (4)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)
1/1/83	12.27	2/1/83	2.43	3/1/83	2.13	4/1/83	1.20	5/1/83	1.54	6/1/83	2.17	7/1/83	0.98	8/1/83	0.85
1/2/83	15.01	2/2/83	2.02	3/2/83	1.99	4/2/83	1.33	5/2/83	1.81	6/2/83	2.07	7/2/83	0.82	8/2/83	0.95
1/3/83	7.05	2/3/83	1.82	3/3/83	1.60	4/3/83	2.02	5/3/83	1.98	6/3/83	1.98	7/3/83	1.02	8/3/83	0.87
1/4/83	3.79	2/4/83	1.65	3/4/83	1.58	4/4/83	2.13	5/4/83	2.41	6/4/83	1.66	7/4/83	1.30	8/4/83	0.79
1/5/83	3.04	2/5/83	1.95	3/5/83	2.11	4/5/83	1.99	5/5/83	1.86	6/5/83	1.41	7/5/83	1.31	8/5/83	0.84
1/6/83	2.85	2/6/83	2.85	3/6/83	3.56	4/6/83	1.31	5/6/83	1.27	6/6/83	1.42	7/6/83	0.93	8/6/83	0.83
1/7/83	2.61	2/7/83	2.23	3/7/83	2.98	4/7/83	1.02	5/7/83	1.41	6/7/83	1.53	7/7/83	0.72	8/7/83	0.72
1/8/83	2.42	2/8/83	2.19	3/8/83	2.47	4/8/83	1.06	5/8/83	1.47	6/8/83	1.04	7/8/83	0.80	8/8/83	0.77
1/9/83	2.66	2/9/83	2.44	3/9/83	2.01	4/9/83	1.24	5/9/83	1.43	6/9/83	1.06	7/9/83	0.82	8/9/83	1.47
1/10/83	3.14	2/10/83	2.78	3/10/83	1.88	4/10/83	1.16	5/10/83	1.14	6/10/83	1.36	7/10/83	0.76	8/10/83	1.81
1/11/83	2.25	2/11/83	1.79	3/11/83	1.41	4/11/83	1.76	5/11/83	1.10	6/11/83	1.46	7/11/83	0.85	8/11/83	1.75
1/12/83	1.72	2/12/83	1.46	3/12/83	1.27	4/12/83	2.34	5/12/83	0.96	6/12/83	1.19	7/12/83	0.93	8/12/83	1.28
1/13/83	1.77	2/13/83	1.29	3/13/83	1.26	4/13/83	1.65	5/13/83	1.19	6/13/83	1.07	7/13/83	0.81	8/13/83	1.07
1/14/83	1.58	2/14/83	2.08	3/14/83	1.44	4/14/83	1.37	5/14/83	1.36	6/14/83	0.95	7/14/83	0.60	8/14/83	1.09
1/15/83	3.79	2/15/83	3.13	3/15/83	1.41	4/15/83	1.20	5/15/83	1.23	6/15/83	0.97	7/15/83	0.81	8/15/83	1.09
1/16/83	13.35	2/16/83	3.06	3/16/83	1.18	4/16/83	1.47	5/16/83	1.19	6/16/83	1.05	7/16/83	0.97	8/16/83	1.08
1/17/83	10.99	2/17/83	2.63	3/17/83	2.26	4/17/83	1.42	5/17/83	1.17	6/17/83	0.99	7/17/83	0.96	8/17/83	1.04
1/18/83	14.34	2/18/83	1.93	3/18/83	2.67	4/18/83	1.26	5/18/83	1.06	6/18/83	1.00	7/18/83	1.02	8/18/83	0.91
1/19/83	15.92	2/19/83	1.31	3/19/83	2.40	4/19/83	1.57	5/19/83	1.17	6/19/83	2.17	7/19/83	0.99	8/19/83	0.82
1/20/83	6.70	2/20/83	0.92	3/20/83	2.58	4/20/83	1.82	5/20/83	1.05	6/20/83	2.01	7/20/83	0.67	8/20/83	0.79
1/21/83	4.95	2/21/83	1.99	3/21/83	3.32	4/21/83	1.32	5/21/83	1.01	6/21/83	1.56	7/21/83	0.60	8/21/83	0.80
1/22/83	4.47	2/22/83	1.89	3/22/83	3.31	4/22/83	0.92	5/22/83	1.05	6/22/83	1.48	7/22/83	0.83	8/22/83	0.83
1/23/83	6.52	2/23/83	1.65	3/23/83	3.17	4/23/83	1.20	5/23/83	1.20	6/23/83	1.30	7/23/83	0.67	8/23/83	0.83
1/24/83	13.30	2/24/83	1.43	3/24/83	2.87	4/24/83	1.34	5/24/83	1.21	6/24/83	1.14	7/24/83	1.20	8/24/83	0.73
1/25/83	5.15	2/25/83	1.24	3/25/83	2.33	4/25/83	1.72	5/25/83	0.96	6/25/83	1.04	7/25/83	1.46	8/25/83	0.76
1/26/83	3.55	2/26/83	1.41	3/26/83	1.59	4/26/83	1.37	5/26/83	0.96	6/26/83	0.96	7/26/83	1.39	8/26/83	0.88
1/27/83	2.10	2/27/83	1.06	3/27/83	2.92	4/27/83	1.17	5/27/83	0.96	6/27/83	0.90	7/27/83	1.10	8/27/83	0.90
1/28/83	1.07	2/28/83	3.48	3/28/83	4.37	4/28/83	1.13	5/28/83	7.87	6/28/83	0.91	7/28/83	0.93	8/28/83	1.01
1/29/83	1.00			3/29/83	3.03	4/29/83	1.19	5/29/83	3.75	6/29/83	1.14	7/29/83	0.96	8/29/83	1.31
1/30/83	0.99			3/30/83	2.04	4/30/83	1.23	5/30/83	2.79	6/30/83	1.07	7/30/83	0.94	8/30/83	1.31
1/31/83	1.38			3/31/83	1.56			5/31/83	2.35			7/31/83	0.76	8/31/83	0.91
Min.	0.99	Min.	0.92	Min.	1.18	Min.	0.92	Min.	0.96	Min.	0.90	Min.	0.58	Min.	0.72
Max.	15.92	Max.	3.48	Max.	4.37	Max.	2.34	Max.	7.87	Max.	2.17	Max.	1.46	Max.	1.81
Ave.	5.54	Ave.	2.00	Ave.	2.28	Ave.	1.43	Ave.	1.67	Ave.	1.34	Ave.	1.00	Ave.	0.83

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (6)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)						
1/1/85	10.13	2/1/85	3.42	3/1/85	24.14	4/1/85	10.40	5/1/85	6.97	6/1/85	6.42	7/1/85	6.42	8/1/85	2.06	9/1/85	4.26	10/1/85	4.56	11/1/85	6.47	12/1/85	9.38
1/2/85	9.74	2/2/85	3.95	3/2/85	21.60	4/2/85	9.41	5/2/85	5.64	6/2/85	3.71	7/2/85	3.71	8/2/85	2.88	9/2/85	4.28	10/2/85	3.89	11/2/85	9.91	12/2/85	7.64
1/3/85	6.76	2/3/85	3.89	3/3/85	24.60	4/3/85	11.83	5/3/85	4.62	6/3/85	4.57	7/3/85	4.57	8/3/85	3.49	9/3/85	3.45	10/3/85	3.28	11/3/85	17.11	12/3/85	6.39
1/4/85	5.47	2/4/85	4.76	3/4/85	23.29	4/4/85	10.75	5/4/85	5.66	6/4/85	5.43	7/4/85	5.43	8/4/85	3.17	9/4/85	2.42	10/4/85	3.86	11/4/85	9.56	12/4/85	6.95
1/5/85	5.65	2/5/85	2.96	3/5/85	21.07	4/5/85	10.87	5/5/85	5.39	6/5/85	5.23	7/5/85	5.23	8/5/85	3.97	9/5/85	1.95	10/5/85	3.51	11/5/85	4.95	12/5/85	6.21
1/6/85	5.11	2/6/85	2.96	3/6/85	18.88	4/6/85	14.13	5/6/85	5.16	6/6/85	4.76	7/6/85	4.76	8/6/85	3.72	9/6/85	2.75	10/6/85	3.19	11/6/85	3.69	12/6/85	4.74
1/7/85	5.51	2/7/85	2.11	3/7/85	17.55	4/7/85	13.39	5/7/85	5.24	6/7/85	4.76	7/7/85	4.76	8/7/85	3.01	9/7/85	3.92	10/7/85	3.03	11/7/85	3.65	12/7/85	6.28
1/8/85	3.75	2/8/85	35.39	3/8/85	17.94	4/8/85	11.90	5/8/85	5.10	6/8/85	5.51	7/8/85	5.51	8/8/85	2.64	9/8/85	4.68	10/8/85	2.66	11/8/85	3.74	12/8/85	13.71
1/9/85	4.55	2/9/85	241.45	3/9/85	17.02	4/9/85	10.83	5/9/85	4.62	6/9/85	5.29	7/9/85	5.29	8/9/85	2.63	9/9/85	5.71	10/9/85	3.79	11/9/85	4.73	12/9/85	6.72
1/10/85	5.07	2/10/85	456.08	3/10/85	18.05	4/10/85	11.24	5/10/85	6.24	6/10/85	4.69	7/10/85	4.69	8/10/85	2.43	9/10/85	5.74	10/10/85	4.13	11/10/85	9.20	12/10/85	6.84
1/11/85	4.13	2/11/85	291.43	3/11/85	19.17	4/11/85	9.78	5/11/85	3.83	6/11/85	4.53	7/11/85	4.53	8/11/85	2.43	9/11/85	5.61	10/11/85	3.83	11/11/85	10.28	12/11/85	6.16
1/12/85	3.76	2/12/85	164.13	3/12/85	16.81	4/12/85	8.73	5/12/85	3.79	6/12/85	4.92	7/12/85	4.92	8/12/85	4.04	9/12/85	4.02	10/12/85	3.57	11/12/85	6.55	12/12/85	5.60
1/13/85	3.65	2/13/85	117.08	3/13/85	17.60	4/13/85	9.02	5/13/85	4.60	6/13/85	5.51	7/13/85	5.51	8/13/85	4.39	9/13/85	3.50	10/13/85	3.04	11/13/85	6.21	12/13/85	4.59
1/14/85	3.59	2/14/85	79.70	3/14/85	16.85	4/14/85	8.46	5/14/85	4.59	6/14/85	3.28	7/14/85	3.28	8/14/85	2.65	9/14/85	3.61	10/14/85	3.11	11/14/85	5.84	12/14/85	4.54
1/15/85	3.22	2/15/85	79.70	3/15/85	16.38	4/15/85	10.03	5/15/85	6.44	6/15/85	4.12	7/15/85	4.12	8/15/85	2.30	9/15/85	3.34	10/15/85	2.38	11/15/85	3.84	12/15/85	7.11
1/16/85	4.84	2/16/85	54.67	3/16/85	15.31	4/16/85	9.81	5/16/85	5.91	6/16/85	3.68	7/16/85	3.68	8/16/85	2.09	9/16/85	4.22	10/16/85	2.42	11/16/85	3.92	12/16/85	17.04
1/17/85	14.18	2/17/85	46.62	3/17/85	43.22	4/17/85		5/17/85	6.47	6/17/85	2.66	7/17/85	2.66	8/17/85	2.70	9/17/85	5.94	10/17/85	2.72	11/17/85	4.85	12/17/85	9.56
1/18/85	7.45	2/18/85	42.82	3/18/85	23.88	4/18/85		5/18/85	5.03	6/18/85	2.58	7/18/85	2.58	8/18/85	3.82	9/18/85	4.23	10/18/85	2.56	11/18/85	6.47	12/18/85	6.08
1/19/85	17.75	2/19/85	36.49	3/19/85	23.86	4/19/85		5/19/85	5.26	6/19/85	3.43	7/19/85	3.43	8/19/85	5.08	9/19/85	3.68	10/19/85	2.84	11/19/85	4.06	12/19/85	3.74
1/20/85	21.47	2/20/85	33.27	3/20/85	21.99	4/20/85		5/20/85	6.01	6/20/85	3.76	7/20/85	3.76	8/20/85	4.96	9/20/85	3.96	10/20/85	3.41	11/20/85	3.71	12/20/85	3.89
1/21/85	10.79	2/21/85	34.40	3/21/85	19.84	4/21/85		5/21/85	6.24	6/21/85	3.68	7/21/85	3.68	8/21/85	4.86	9/21/85	3.70	10/21/85	3.89	11/21/85	3.63	12/21/85	3.79
1/22/85	8.18	2/22/85	29.20	3/22/85	17.36	4/22/85		5/22/85	6.62	6/22/85	3.45	7/22/85	3.45	8/22/85	4.73	9/22/85	3.85	10/22/85	3.15	11/22/85	3.39	12/22/85	3.54
1/23/85	6.71	2/23/85	28.24	3/23/85	18.81	4/23/85		5/23/85	6.54	6/23/85	4.46	7/23/85	4.46	8/23/85	4.52	9/23/85	4.81	10/23/85	2.51	11/23/85	3.55	12/23/85	4.08
1/24/85	4.60	2/24/85	27.72	3/24/85	15.12	4/24/85		5/24/85	7.92	6/24/85	3.90	7/24/85	3.90	8/24/85	3.30	9/24/85	4.82	10/24/85	2.15	11/24/85	4.25	12/24/85	4.79
1/25/85	3.72	2/25/85	26.59	3/25/85	13.26	4/25/85		5/25/85	6.04	6/25/85	3.81	7/25/85	3.81	8/25/85	4.13	9/25/85	4.38	10/25/85	2.59	11/25/85	9.66	12/25/85	7.37
1/26/85	2.63	2/26/85	26.64	3/26/85	12.63	4/26/85		5/26/85	6.52	6/26/85	3.91	7/26/85	3.91	8/26/85	5.56	9/26/85	3.50	10/26/85	3.40	11/26/85	7.86	12/26/85	7.26
1/27/85	2.90	2/27/85	29.35	3/27/85	32.33	4/27/85		5/27/85	6.88	6/27/85	3.80	7/27/85	3.80	8/27/85	4.05	9/27/85	3.70	10/27/85	4.78	11/27/85	6.08	12/27/85	7.12
1/28/85	4.33	2/28/85	27.06	3/28/85	21.33	4/28/85		5/28/85	6.44	6/28/85	4.44	7/28/85	4.44	8/28/85	2.52	9/28/85	3.31	10/28/85	5.05	11/28/85	4.82	12/28/85	4.28
1/29/85	2.86			3/29/85	17.95	4/29/85		5/29/85	7.25	6/29/85	4.46	7/29/85	4.46	8/29/85	3.86	9/29/85	4.12	10/29/85	3.29	11/29/85	4.12	12/29/85	3.57
1/30/85	2.36			3/30/85	15.96	4/30/85		5/30/85	8.60	6/30/85	4.12	7/30/85	4.12	8/30/85	3.97	9/30/85	5.33	10/30/85	7.27	11/30/85	5.89	12/30/85	3.00
1/31/85	3.06			3/31/85	11.03	4/31/85		5/31/85	2.72	6/31/85	2.72	7/31/85	2.72	8/31/85	3.46			10/31/85	12.36			12/31/85	3.01
Min.	2.36	Min.	2.11	Min.	11.03	Min.	8.46	Min.	3.79	Min.	2.58	Min.	2.06	Min.	1.95	Min.	1.95	Min.	2.15	Min.	3.39	Min.	3.00
Max.	21.47	Max.	456.08	Max.	43.22	Max.	14.13	Max.	8.60	Max.	6.42	Max.	5.56	Max.	5.94	Max.	5.94	Max.	12.36	Max.	17.11	Max.	17.04
Ave.	6.38	Ave.	69.40	Ave.	19.83	Ave.	10.66	Ave.	5.85	Ave.	4.24	Ave.	3.53	Ave.	4.09	Ave.	4.09	Ave.	3.75	Ave.	6.07	Ave.	6.29

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (7)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)						
1/1/86	8.73	2/1/86	6.05	3/1/86	3.81	4/1/86	4.93	5/1/86	4.89	6/1/86	5.57	7/1/86	3.74	8/1/86	3.83	9/1/86	3.90	10/1/86	3.80	11/1/86	4.38	12/1/86	2.60
1/2/86	9.27	2/2/86	9.62	3/2/86	6.61	4/2/86	3.30	5/2/86	6.25	6/2/86	5.64	7/2/86	3.75	8/2/86	3.81	9/2/86	3.94	10/2/86	4.21	11/2/86	3.71	12/2/86	2.40
1/3/86	4.08	2/3/86	9.19	3/3/86	6.57	4/3/86	2.96	5/3/86	6.22	6/3/86	3.74	7/3/86	3.79	8/3/86	3.79	9/3/86	3.87	10/3/86	3.15	11/3/86	3.74	12/3/86	15.85
1/4/86	3.55	2/4/86	4.90	3/4/86	2.89	4/4/86	4.05	5/4/86	6.05	6/4/86	4.43	7/4/86	4.32	8/4/86	4.32	9/4/86	3.13	10/4/86	3.02	11/4/86	3.07	12/4/86	17.29
1/5/86	32.79	2/5/86	15.96	3/5/86	2.88	4/5/86	4.11	5/5/86	5.53	6/5/86	4.98	7/5/86	4.36	8/5/86	4.36	9/5/86	3.16	10/5/86	3.55	11/5/86	2.23	12/5/86	8.75
1/6/86	29.44	2/6/86	18.57	3/6/86	3.67	4/6/86	4.02	5/6/86	4.22	6/6/86	6.09	7/6/86	3.78	8/6/86	3.98	9/6/86	3.19	10/6/86	4.96	11/6/86	2.11	12/6/86	7.50
1/7/86	15.16	2/7/86	12.66	3/7/86	5.32	4/7/86	6.20	5/7/86	4.95	6/7/86	4.49	7/7/86	3.88	8/7/86	3.88	9/7/86	3.06	10/7/86	3.76	11/7/86	1.97	12/7/86	6.91
1/8/86	11.78	2/8/86	9.97	3/8/86	4.98	4/8/86	3.39	5/8/86	4.46	6/8/86	5.27	7/8/86	3.79	8/8/86	3.79	9/8/86	2.97	10/8/86	3.42	11/8/86	2.39	12/8/86	6.14
1/9/86	9.61	2/9/86	8.89	3/9/86	5.19	4/9/86	4.06	5/9/86	5.10	6/9/86	6.68	7/9/86	3.71	8/9/86	3.71	9/9/86	3.54	10/9/86	3.60	11/9/86	2.41	12/9/86	3.85
1/10/86	7.59	2/10/86	8.37	3/10/86	6.98	4/10/86	3.97	5/10/86	5.10	6/10/86	4.05	7/10/86	4.05	8/10/86	3.09	9/10/86	3.36	10/10/86	3.28	11/10/86	2.51	12/10/86	2.73
1/11/86	6.71	2/11/86	4.61	3/11/86	4.57	4/11/86	2.90	5/11/86	4.55	6/11/86	4.44	7/11/86	4.44	8/11/86	3.00	9/11/86	3.67	10/11/86	3.34	11/11/86	3.39	12/11/86	2.48
1/12/86	5.31	2/12/86	6.64	3/12/86	18.43	4/12/86	4.42	5/12/86	5.96	6/12/86	4.72	7/12/86	3.36	8/12/86	2.75	9/12/86	3.50	10/12/86	3.56	11/12/86	3.20	12/12/86	3.96
1/13/86	7.50	2/13/86	5.48	3/13/86	13.95	4/13/86	7.84	5/13/86	4.53	6/13/86	3.72	7/13/86	3.45	8/13/86	3.25	9/13/86	2.92	10/13/86	3.69	11/13/86	2.90	12/13/86	3.72
1/14/86	5.81	2/14/86	8.55	3/14/86	9.43	4/14/86	8.09	5/14/86	3.86	6/14/86	3.70	7/14/86	3.53	8/14/86	3.69	9/14/86	2.77	10/14/86	3.97	11/14/86	2.26	12/14/86	3.62
1/15/86	3.66	2/15/86	14.19	3/15/86	8.36	4/15/86	6.00	5/15/86	3.50	6/15/86	4.34	7/15/86	3.64	8/15/86	4.21	9/15/86	4.09	10/15/86	3.91	11/15/86	2.26	12/15/86	5.06
1/16/86	13.70	2/16/86	9.29	3/16/86	7.86	4/16/86	8.48	5/16/86	3.37	6/16/86	4.40	7/16/86	3.67	8/16/86	3.90	9/16/86	4.97	10/16/86	3.13	11/16/86	3.09	12/16/86	4.07
1/17/86	19.69	2/17/86	8.88	3/17/86	13.42	4/17/86	13.43	5/17/86	3.64	6/17/86	4.22	7/17/86	3.41	8/17/86	3.41	9/17/86	3.68	10/17/86	3.06	11/17/86	2.62	12/17/86	10.01
1/18/86	12.60	2/18/86	8.95	3/18/86	16.15	4/18/86	10.99	5/18/86	6.11	6/18/86	4.16	7/18/86	3.44	8/18/86	3.44	9/18/86	3.26	10/18/86	3.07	11/18/86	2.18	12/18/86	15.55
1/19/86	13.00	2/19/86	8.05	3/19/86	13.88	4/19/86	7.93	5/19/86	7.82	6/19/86	3.98	7/19/86	3.80	8/19/86	3.40	9/19/86	3.34	10/19/86	2.71	11/19/86	1.99	12/19/86	12.92
1/20/86	18.15	2/20/86	6.59	3/20/86	9.84	4/20/86	13.45	5/20/86	5.38	6/20/86	3.90	7/20/86	3.38	8/20/86	3.01	9/20/86	4.39	10/20/86	3.53	11/20/86	2.24	12/20/86	7.15
1/21/86	18.45	2/21/86	6.35	3/21/86	7.60	4/21/86	16.24	5/21/86	5.38	6/21/86	3.39	7/21/86	3.30	8/21/86	3.53	9/21/86	4.09	10/21/86	3.89	11/21/86	1.83	12/21/86	5.97
1/22/86	13.96	2/22/86	5.47	3/22/86	6.66	4/22/86	12.14	5/22/86	5.27	6/22/86	3.49	7/22/86	3.47	8/22/86	3.71	9/22/86	4.67	10/22/86	2.85	11/22/86	2.27	12/22/86	5.75
1/23/86	10.66	2/23/86	5.48	3/23/86	8.01	4/23/86	10.33	5/23/86	4.39	6/23/86	4.18	7/23/86	4.24	8/23/86	4.45	9/23/86	2.91	10/23/86	2.29	11/23/86	1.54	12/23/86	4.90
1/24/86	11.35	2/24/86	8.06	3/24/86	7.81	4/24/86	8.24	5/24/86	4.46	6/24/86	3.62	7/24/86	4.54	8/24/86	4.21	9/24/86	3.26	10/24/86	2.21	11/24/86	1.34	12/24/86	7.11
1/25/86	10.53	2/25/86	6.79	3/25/86	4.01	4/25/86	6.50	5/25/86	4.65	6/25/86	3.64	7/25/86	2.89	8/25/86	3.78	9/25/86	3.69	10/25/86	1.84	11/25/86	1.48	12/25/86	9.83
1/26/86	14.63	2/26/86	4.68	3/26/86	5.73	4/26/86	6.68	5/26/86	5.17	6/26/86	3.97	7/26/86	3.34	8/26/86	3.99	9/26/86	3.72	10/26/86	1.58	11/26/86	1.62	12/26/86	7.37
1/27/86	11.27	2/27/86	4.31	3/27/86	6.26	4/27/86	6.80	5/27/86	4.64	6/27/86	3.70	7/27/86	3.57	8/27/86	4.10	9/27/86	4.73	10/27/86	1.59	11/27/86	2.16	12/27/86	6.92
1/28/86	8.73	2/28/86	4.44	3/28/86	5.83	4/28/86	6.23	5/28/86	4.09	6/28/86	3.60	7/28/86	3.74	8/28/86	5.12	9/28/86	5.80	10/28/86	3.29	11/28/86	3.35	12/28/86	17.31
1/29/86	5.39	2/29/86	7.87	3/29/86	7.87	4/29/86	5.05	5/29/86	3.08	6/29/86	3.91	7/29/86	4.23	8/29/86	4.23	9/29/86	3.37	10/29/86	4.43	11/29/86	3.97	12/29/86	22.31
1/30/86	6.16	2/30/86	7.23	3/30/86	5.10	4/30/86	5.10	5/30/86	2.71	6/30/86	3.64	7/30/86	3.93	8/30/86	3.93	9/30/86	3.66	10/30/86	5.83	11/30/86	2.64	12/30/86	14.54
1/31/86	5.09	2/31/86	5.67	3/31/86	5.67	4/31/86	5.67	5/31/86	5.07	6/31/86	4.11	7/31/86	4.65	8/31/86	4.11	9/31/86	4.65	10/31/86	3.11	11/31/86	3.11	12/31/86	10.18
Min.	3.55	Min.	4.31	Min.	2.88	Min.	2.90	Min.	2.71	Min.	3.39	Min.	2.89	Min.	2.75	Min.	2.77	Min.	1.58	Min.	1.34	Min.	2.40
Max.	32.79	Max.	18.57	Max.	18.43	Max.	16.24	Max.	7.82	Max.	6.68	Max.	4.65	Max.	5.12	Max.	5.80	Max.	5.83	Max.	4.38	Max.	22.31
Ave.	11.43	Ave.	8.25	Ave.	7.66	Ave.	6.93	Ave.	4.85	Ave.	4.32	Ave.	3.77	Ave.	3.77	Ave.	3.67	Ave.	3.34	Ave.	2.56	Ave.	8.22

Data source: Water Resources Department

Mbuluzi River Flow at Manhivini (8)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)						
1/1/87	8.57	2/1/87	5.46	3/1/87	1.21	4/1/87	19.07	5/1/87	3.25	6/1/87	3.23	7/1/87	2.31	8/1/87	1.30	9/1/87	3.17	10/1/87	10/1/87	11/1/87	4.38	12/1/87	5.32
1/2/87	6.53	2/2/87	5.44	3/2/87	2.30	4/2/87	8.74	5/2/87	2.72	6/2/87	2.99	7/2/87	2.23	8/2/87	1.31	9/2/87	2.92	10/2/87	10/2/87	11/2/87	4.20	12/2/87	4.53
1/3/87	6.13	2/3/87	4.20	3/3/87	3.26	4/3/87	5.94	5/3/87	2.98	6/3/87	2.31	7/3/87	2.03	8/3/87	1.60	9/3/87	2.39	10/3/87	10/3/87	11/3/87	4.11	12/3/87	4.54
1/4/87	6.06	2/4/87	3.13	3/4/87	2.92	4/4/87	5.44	5/4/87	3.37	6/4/87	2.28	7/4/87	1.68	8/4/87	0.94	9/4/87	1.86	10/4/87	10/4/87	11/4/87	3.92	12/4/87	4.75
1/5/87	4.96	2/5/87	3.59	3/5/87	3.25	4/5/87	4.15	5/5/87	2.74	6/5/87	2.49	7/5/87	1.65	8/5/87	1.17	9/5/87	1.83	10/5/87	10/5/87	11/5/87	3.64	12/5/87	26.48
1/6/87	4.94	2/6/87	2.94	3/6/87	6.26	4/6/87	3.81	5/6/87	2.57	6/6/87	2.15	7/6/87	1.98	8/6/87	1.22	9/6/87	1.90	10/6/87	10/6/87	11/6/87	3.06	12/6/87	194.76
1/7/87	4.57	2/7/87	1.93	3/7/87	11.94	4/7/87	3.32	5/7/87	2.66	6/7/87	1.90	7/7/87	3.03	8/7/87	1.22	9/7/87	3.92	10/7/87	10/7/87	11/7/87	2.79	12/7/87	57.03
1/8/87	4.00	2/8/87	1.65	3/8/87	7.71	4/8/87	2.54	5/8/87	2.73	6/8/87	2.58	7/8/87	2.20	8/8/87	0.89	9/8/87	4.84	10/8/87	10/8/87	11/8/87	2.22	12/8/87	25.12
1/9/87	4.98	2/9/87	3.14	3/9/87	7.61	4/9/87	2.33	5/9/87	2.35	6/9/87	2.53	7/9/87	1.63	8/9/87	0.53	9/9/87	3.81	10/9/87	10/9/87	11/9/87	2.49	12/9/87	17.88
1/10/87	5.93	2/10/87	3.05	3/10/87	3.69	4/10/87	4.40	5/10/87	3.06	6/10/87	2.35	7/10/87	1.52	8/10/87	0.38	9/10/87	3.11	10/10/87	10/10/87	11/10/87	3.24	12/10/87	14.16
1/11/87	4.44	2/11/87	2.41	3/11/87	6.42	4/11/87	24.04	5/11/87	5.01	6/11/87	2.40	7/11/87	1.45	8/11/87	0.37	9/11/87	3.12	10/11/87	10/11/87	11/11/87	3.84	12/11/87	9.98
1/12/87	6.29	2/12/87	1.98	3/12/87	3.10	4/12/87	20.16	5/12/87	3.36	6/12/87	2.24	7/12/87	1.42	8/12/87	0.94	9/12/87	3.30	10/12/87	10/12/87	11/12/87	3.54	12/12/87	10.70
1/13/87	5.25	2/13/87	1.69	3/13/87	2.96	4/13/87	13.64	5/13/87	2.46	6/13/87	2.13	7/13/87	2.42	8/13/87	0.91	9/13/87	3.17	10/13/87	10/13/87	11/13/87	5.13	12/13/87	9.98
1/14/87	3.27	2/14/87	2.11	3/14/87	2.86	4/14/87	10.57	5/14/87	2.56	6/14/87	1.88	7/14/87	2.42	8/14/87	1.02	9/14/87	2.88	10/14/87	10/14/87	11/14/87	12.22	12/14/87	10.77
1/15/87	3.82	2/15/87	3.98	3/15/87	2.75	4/15/87	5.35	5/15/87	2.50	6/15/87	2.49	7/15/87	1.84	8/15/87	0.70	9/15/87	2.80	10/15/87	10/15/87	11/15/87	9.13	12/15/87	10.19
1/16/87	3.63	2/16/87	3.80	3/16/87	4.10	4/16/87	5.81	5/16/87	2.30	6/16/87	3.13	7/16/87	1.48	8/16/87	0.78	9/16/87	2.32	10/16/87	10/16/87	11/16/87	6.15	12/16/87	9.25
1/17/87	4.32	2/17/87	2.90	3/17/87	2.99	4/17/87	5.46	5/17/87	2.43	6/17/87	2.79	7/17/87	1.60	8/17/87	1.20	9/17/87	1.68	10/17/87	10/17/87	11/17/87	4.61	12/17/87	9.53
1/18/87	4.49	2/18/87	2.30	3/18/87	1.74	4/18/87	4.59	5/18/87	1.82	6/18/87	2.80	7/18/87	1.49	8/18/87	1.18	9/18/87	1.70	10/18/87	10/18/87	11/18/87	4.90	12/18/87	10.85
1/19/87	5.05	2/19/87	2.84	3/19/87	2.45	4/19/87	3.96	5/19/87	2.70	6/19/87	2.57	7/19/87	1.33	8/19/87	1.47	9/19/87	1.65	10/19/87	10/19/87	11/19/87	5.66	12/19/87	11.04
1/20/87	8.85	2/20/87	2.31	3/20/87	3.59	4/20/87	4.04	5/20/87	2.26	6/20/87	2.28	7/20/87	1.56	8/20/87	1.50	9/20/87	1.59	10/20/87	10/20/87	11/20/87	4.29	12/20/87	7.24
1/21/87	17.11	2/21/87	2.55	3/21/87	4.38	4/21/87	4.14	5/21/87	2.07	6/21/87	2.30	7/21/87	2.55	8/21/87	1.11	9/21/87	1.46	10/21/87	10/21/87	11/21/87	4.57	12/21/87	7.54
1/22/87	10.77	2/22/87	2.28	3/22/87	7.02	4/22/87	3.48	5/22/87	2.17	6/22/87	3.16	7/22/87	2.21	8/22/87	1.03	9/22/87	2.94	10/22/87	10/22/87	11/22/87	6.75	12/22/87	6.43
1/23/87	6.03	2/23/87	1.85	3/23/87	10.31	4/23/87	2.83	5/23/87	1.92	6/23/87	2.69	7/23/87	2.15	8/23/87	1.59	9/23/87	2.75	10/23/87	10/23/87	11/23/87	6.53	12/23/87	5.85
1/24/87	9.21	2/24/87	1.60	3/24/87	28.52	4/24/87	3.55	5/24/87	1.43	6/24/87	2.41	7/24/87	2.10	8/24/87	1.36	9/24/87	2.94	10/24/87	10/24/87	11/24/87	4.48	12/24/87	5.10
1/25/87	44.85	2/25/87	1.83	3/25/87	15.85	4/25/87	3.63	5/25/87	1.42	6/25/87	2.44	7/25/87	1.72	8/25/87	1.36	9/25/87	2.72	10/25/87	10/25/87	11/25/87	4.42	12/25/87	8.08
1/26/87	18.58	2/26/87	1.89	3/26/87	6.48	4/26/87	5.11	5/26/87	2.45	6/26/87	2.35	7/26/87	1.48	8/26/87	5.31	9/26/87	3.89	10/26/87	10/26/87	11/26/87	4.50	12/26/87	6.76
1/27/87	12.61	2/27/87	1.50	3/27/87	7.76	4/27/87	4.74	5/27/87	2.85	6/27/87	2.01	7/27/87	1.27	8/27/87	10.78	9/27/87	12.86	10/27/87	10/27/87	11/27/87	4.49	12/27/87	6.50
1/28/87	8.63	2/28/87	1.26	3/28/87	4.48	4/28/87	3.85	5/28/87	2.63	6/28/87	1.93	7/28/87	1.56	8/28/87	5.84	9/28/87	13.57	10/28/87	10/28/87	11/28/87	4.59	12/28/87	6.63
1/29/87	5.06	2/29/87	1.26	3/29/87	7.04	4/29/87	3.46	5/29/87	2.46	6/29/87	2.17	7/29/87	1.34	8/29/87	4.04	9/29/87	131.77	10/29/87	10/29/87	11/29/87	4.68	12/29/87	3.33
1/30/87	4.35	2/30/87	1.26	3/30/87	5.19	4/30/87	3.41	5/30/87	2.24	6/30/87	2.46	7/30/87	1.42	8/30/87	3.46	9/30/87	86.80	10/30/87	10/30/87	11/30/87	5.08	12/30/87	2.70
1/31/87	5.48	2/31/87	1.26	3/31/87	8.58	4/31/87	1.97	5/31/87	1.97	6/31/87	2.46	7/31/87	1.28	8/31/87	3.40	9/31/87	86.80	10/31/87	10/31/87	11/31/87	4.36	12/31/87	3.19
Min.	3.27	Min.	1.26	Min.	1.21	Min.	2.33	Min.	1.42	Min.	1.88	Min.	1.27	Min.	0.37	Min.	1.46	Min.	1.46	Min.	2.22	Min.	2.70
Max.	44.85	Max.	5.46	Max.	28.52	Max.	24.04	Max.	5.01	Max.	3.23	Max.	3.03	Max.	10.78	Max.	131.77	Max.	131.77	Max.	6.75	Max.	194.76
Ave.	8.02	Ave.	2.70	Ave.	6.09	Ave.	6.52	Ave.	2.56	Ave.	2.45	Ave.	1.82	Ave.	1.93	Ave.	10.52	Ave.	10.52	Ave.	5.21	Ave.	16.65

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (9)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)						
1/1/88	2.63	2/1/88	4.78	3/1/88	6.37	4/1/88	4.92	5/1/88	7.89	6/1/88	5.22	7/1/88	7.27	8/1/88	3.41	9/1/88	2.71	10/1/88	2.71	11/1/88	3.41	12/1/88	2.71
1/2/88	2.54	2/2/88	3.92	3/2/88	6.46	4/2/88	6.33	5/2/88	8.24	6/2/88	5.00	7/2/88	6.18	8/2/88	3.65	9/2/88	3.76	10/2/88	3.76	11/2/88	3.65	12/2/88	3.76
1/3/88	4.92	2/3/88	2.89	3/3/88	7.14	4/3/88	6.09	5/3/88	7.54	6/3/88	4.71	7/3/88	6.04	8/3/88	3.05	9/3/88	8.21	10/3/88	8.21	11/3/88	3.05	12/3/88	8.21
1/4/88	5.01	2/4/88	2.97	3/4/88	12.70	4/4/88	5.82	5/4/88	6.92	6/4/88	4.87	7/4/88	5.91	8/4/88	2.81	9/4/88	7.53	10/4/88	7.53	11/4/88	2.81	12/4/88	7.53
1/5/88	3.57	2/5/88	2.91	3/5/88	12.44	4/5/88	5.94	5/5/88	6.81	6/5/88	4.49	7/5/88	5.79	8/5/88	3.01	9/5/88	6.68	10/5/88	6.68	11/5/88	3.01	12/5/88	6.68
1/6/88	2.25	2/6/88	2.67	3/6/88	10.71	4/6/88	5.27	5/6/88	6.73	6/6/88	4.64	7/6/88	6.25	8/6/88	3.06	9/6/88	4.42	10/6/88	4.42	11/6/88	3.06	12/6/88	4.42
1/7/88	2.43	2/7/88	2.54	3/7/88	9.42	4/7/88	4.85	5/7/88	6.47	6/7/88	4.60	7/7/88	4.96	8/7/88	2.38	9/7/88	4.54	10/7/88	4.54	11/7/88	2.38	12/7/88	4.54
1/8/88	2.69	2/8/88	2.55	3/8/88	6.05	4/8/88	4.17	5/8/88	5.73	6/8/88	3.70	7/8/88	5.14	8/8/88	3.12	9/8/88	4.80	10/8/88	4.80	11/8/88	3.12	12/8/88	4.80
1/9/88	2.63	2/9/88	2.93	3/9/88	6.17	4/9/88	4.66	5/9/88	6.80	6/9/88	3.69	7/9/88	5.16	8/9/88	3.41	9/9/88	5.44	10/9/88	5.44	11/9/88	3.41	12/9/88	5.44
1/10/88	2.94	2/10/88	4.46	3/10/88	6.87	4/10/88	19.32	5/10/88	6.43	6/10/88	3.88	7/10/88	5.15	8/10/88	3.21	9/10/88	4.76	10/10/88	4.76	11/10/88	3.21	12/10/88	4.76
1/11/88	2.74	2/11/88	16.19	3/11/88	8.64	4/11/88	19.77	5/11/88	6.13	6/11/88	3.96	7/11/88	5.07	8/11/88	3.11	9/11/88	4.27	10/11/88	4.27	11/11/88	3.11	12/11/88	4.27
1/12/88	3.06	2/12/88	13.49	3/12/88	8.39	4/12/88	12.12	5/12/88	6.10	6/12/88	3.58	7/12/88	4.24	8/12/88	3.04	9/12/88	4.33	10/12/88	4.33	11/12/88	3.04	12/12/88	4.33
1/13/88	4.02	2/13/88	7.36	3/13/88	7.86	4/13/88	10.66	5/13/88	5.92	6/13/88	3.30	7/13/88	4.17	8/13/88	2.78	9/13/88	4.13	10/13/88	4.13	11/13/88	2.78	12/13/88	4.13
1/14/88	3.70	2/14/88	6.20	3/14/88	8.78	4/14/88	9.77	5/14/88	5.66	6/14/88	5.66	7/14/88	4.50	8/14/88	2.63	9/14/88	3.89	10/14/88	3.89	11/14/88	2.63	12/14/88	3.89
1/15/88	3.72	2/15/88	5.96	3/15/88	7.71	4/15/88	9.74	5/15/88	6.23	6/15/88	4.92	7/15/88	4.42	8/15/88	3.04	9/15/88	3.46	10/15/88	3.46	11/15/88	3.04	12/15/88	3.46
1/16/88	3.12	2/16/88	5.79	3/16/88	6.70	4/16/88	9.99	5/16/88	5.93	6/16/88	3.56	7/16/88	4.38	8/16/88	3.61	9/16/88	3.49	10/16/88	3.49	11/16/88	3.61	12/16/88	3.49
1/17/88	2.63	2/17/88	5.73	3/17/88	30.40	4/17/88	9.28	5/17/88	4.63	6/17/88	2.95	7/17/88	4.36	8/17/88	3.02	9/17/88	4.38	10/17/88	4.38	11/17/88	3.02	12/17/88	4.38
1/18/88	3.53	2/18/88	5.63	3/18/88	22.49	4/18/88	8.57	5/18/88	4.29	6/18/88	2.83	7/18/88	4.30	8/18/88	2.80	9/18/88	4.46	10/18/88	4.46	11/18/88	2.80	12/18/88	4.46
1/19/88	3.36	2/19/88	5.69	3/19/88	12.76	4/19/88	8.05	5/19/88	4.82	6/19/88	2.56	7/19/88	4.02	8/19/88	3.04	9/19/88	5.53	10/19/88	5.53	11/19/88	3.04	12/19/88	5.53
1/20/88	3.17	2/20/88	5.66	3/20/88	10.41	4/20/88	8.05	5/20/88	6.27	6/20/88	3.03	7/20/88	3.73	8/20/88	2.63	9/20/88	4.38	10/20/88	4.38	11/20/88	2.63	12/20/88	4.38
1/21/88	3.93	2/21/88	5.69	3/21/88	8.92	4/21/88	8.89	5/21/88	5.93	6/21/88	3.10	7/21/88	3.72	8/21/88	3.61	9/21/88	4.06	10/21/88	4.06	11/21/88	3.61	12/21/88	4.06
1/22/88	3.57	2/22/88	6.06	3/22/88	8.70	4/22/88	9.56	5/22/88	4.99	6/22/88	3.19	7/22/88	3.89	8/22/88	3.85	9/22/88	4.07	10/22/88	4.07	11/22/88	3.85	12/22/88	4.07
1/23/88	4.85	2/23/88	5.45	3/23/88	9.34	4/23/88	8.19	5/23/88	5.62	6/23/88	3.52	7/23/88	4.37	8/23/88	3.41	9/23/88	4.07	10/23/88	4.07	11/23/88	3.41	12/23/88	4.07
1/24/88	8.05	2/24/88	5.99	3/24/88	7.86	4/24/88	7.82	5/24/88	5.47	6/24/88	4.20	7/24/88	3.66	8/24/88	3.33	9/24/88	3.98	10/24/88	3.98	11/24/88	3.33	12/24/88	3.98
1/25/88	4.98	2/25/88	5.92	3/25/88	6.69	4/25/88	8.59	5/25/88	5.29	6/25/88	3.43	7/25/88	3.41	8/25/88	3.32	9/25/88	3.66	10/25/88	3.66	11/25/88	3.32	12/25/88	3.66
1/26/88	3.58	2/26/88	6.51	3/26/88	5.53	4/26/88	8.80	5/26/88	4.94	6/26/88	2.60	7/26/88	3.58	8/26/88	2.60	9/26/88	4.50	10/26/88	4.50	11/26/88	2.60	12/26/88	4.50
1/27/88	3.37	2/27/88	6.76	3/27/88	5.53	4/27/88	7.90	5/27/88	4.78	6/27/88	2.67	7/27/88	3.49	8/27/88	3.36	9/27/88	4.27	10/27/88	4.27	11/27/88	3.36	12/27/88	4.27
1/28/88	3.69	2/28/88	6.74	3/28/88	6.87	4/28/88	7.82	5/28/88	4.48	6/28/88	2.74	7/28/88	3.29	8/28/88	3.75	9/28/88	4.12	10/28/88	4.12	11/28/88	3.75	12/28/88	4.12
1/29/88	3.56	2/29/88	6.79	3/29/88	5.36	4/29/88	7.77	5/29/88	4.92	6/29/88	2.60	7/29/88	3.20	8/29/88	3.80	9/29/88	3.80	10/29/88	3.80	11/29/88	3.80	12/29/88	3.80
1/30/88	3.55	2/30/88	4.92	3/30/88	4.92	4/30/88	7.67	5/30/88	5.41	6/30/88	6.10	7/30/88	3.18	8/30/88	3.64	9/30/88	3.36	10/30/88	3.36	11/30/88	3.64	12/30/88	3.36
1/31/88	4.21	2/31/88	4.92	3/31/88	4.92	4/31/88	4.92	5/31/88	5.54	6/31/88	5.54	7/31/88	3.26	8/31/88	2.88	9/31/88	2.88	10/31/88	2.88	11/31/88	2.88	12/31/88	2.88
Min.	2.25	Min.	2.54	Min.	4.92	Min.	4.17	Min.	4.29	Min.	2.56	Min.	3.18	Min.	2.38	Min.	2.71	Min.	2.71	Min.	2.38	Min.	2.71
Max.	8.05	Max.	16.19	Max.	30.40	Max.	19.77	Max.	8.24	Max.	6.10	Max.	7.27	Max.	3.85	Max.	8.21	Max.	8.21	Max.	3.85	Max.	8.21
Ave.	3.61	Ave.	5.73	Ave.	9.13	Ave.	8.55	Ave.	5.90	Ave.	3.79	Ave.	4.52	Ave.	3.17	Ave.	4.50	Ave.	4.50	Ave.	3.17	Ave.	4.50

Data source: Water Resources Department

Mbuluzi River Flow at Maphiveni (10)

Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)	Date	River Flow (m ³ /sec.)
1/1/89	4.90	3/1/89	14.17	4/1/89	8.42	5/1/89	6.86	6/1/89	2.69	7/1/89	6.96	8/1/89	4.76	9/1/89	3.76		
1/2/89	5.84	3/2/89	13.89	4/2/89	8.99	5/2/89	6.35	6/2/89	2.57	7/2/89	7.15	8/2/89	4.62	9/2/89	3.94		
1/3/89	3.84	3/3/89	13.57	4/3/89	9.76	5/3/89	6.12	6/3/89	4.50	7/3/89	7.83	8/3/89	4.49	9/3/89	4.01		
1/4/89	3.83	3/4/89	13.41	4/4/89	8.67	5/4/89	6.06	6/4/89	6.57	7/4/89	7.41	8/4/89	4.30	9/4/89	3.47		
1/5/89	4.62	3/5/89	13.49	4/5/89	8.37	5/5/89	5.82	6/5/89	23.34	7/5/89	6.80	8/5/89	4.28	9/5/89	4.04		
1/6/89	5.33	3/6/89	13.25	4/6/89	8.32	5/6/89	5.17	6/6/89	17.07	7/6/89	6.80	8/6/89	4.73	9/6/89	4.35		
1/7/89	5.77	3/7/89	12.33	4/7/89	8.31	5/7/89	5.21	6/7/89	11.51	7/7/89	6.93	8/7/89	4.54	9/7/89	4.23		
1/8/89	7.54	3/8/89	11.88	4/8/89	8.50	5/8/89	5.73	6/8/89	9.74	7/8/89	6.61	8/8/89	4.41	9/8/89	3.54		
1/9/89	6.29	3/9/89	10.01	4/9/89	9.44	5/9/89	4.43	6/9/89	9.00	7/9/89	6.69	8/9/89	4.30	9/9/89	2.50		
1/10/89	5.63	3/10/89	9.28	4/10/89	9.18	5/10/89	4.67	6/10/89	9.05	7/10/89	6.62	8/10/89	4.17	9/10/89	3.03		
1/11/89	5.26	3/11/89	9.09	4/11/89	8.78	5/11/89	5.33	6/11/89	9.20	7/11/89	5.85	8/11/89	4.06	9/11/89	4.77		
1/12/89	5.33	3/12/89	9.01	4/12/89	8.37	5/12/89	4.55	6/12/89	9.33	7/12/89	7.09	8/12/89	4.20	9/12/89	4.97		
1/13/89	6.61	3/13/89	8.86	4/13/89	8.82	5/13/89	5.07	6/13/89	8.81	7/13/89	8.46	8/13/89	4.50	9/13/89	4.44		
1/14/89	8.35	3/14/89	10.68	4/14/89	8.93	5/14/89	5.13	6/14/89	8.39	7/14/89	7.51	8/14/89	4.24	9/14/89	3.71		
1/15/89	15.64	3/15/89	9.91	4/15/89	8.94	5/15/89	6.30	6/15/89	7.48	7/15/89	6.77	8/15/89	4.44	9/15/89	3.24		
1/16/89	1.59	3/16/89	9.71	4/16/89	9.43	5/16/89	5.04	6/16/89	9.14	7/16/89	7.01	8/16/89	4.49	9/16/89	3.38		
1/17/89	9.94	3/17/89	9.62	4/17/89	8.82	5/17/89	4.80	6/17/89	6.40	7/17/89	6.50	8/17/89	4.44	9/17/89	3.42		
1/18/89	10.52	3/18/89	9.51	4/18/89	9.69	5/18/89	5.41	6/18/89	7.38	7/18/89	6.32	8/18/89	4.09	9/18/89	3.59		
1/19/89	10.70	3/19/89	9.53	4/19/89	8.99	5/19/89	5.70	6/19/89	9.45	7/19/89	6.20	8/19/89	4.04	9/19/89	4.49		
1/20/89	12.57	3/20/89	9.40	4/20/89	7.61	5/20/89	5.59	6/20/89	7.51	7/20/89	6.68	8/20/89	4.01	9/20/89	4.12		
1/21/89	12.99	3/21/89	9.18	4/21/89	8.49	5/21/89	5.70	6/21/89	7.70	7/21/89	6.84	8/21/89	4.30	9/21/89	4.06		
1/22/89	15.40	3/22/89	9.17	4/22/89	8.27	5/22/89	5.73	6/22/89	8.10	7/22/89	6.95	8/22/89	4.31	9/22/89	3.85		
1/23/89	4.86	3/23/89	9.07	4/23/89	7.44	5/23/89	5.39	6/23/89	7.74	7/23/89	6.83	8/23/89	4.12	9/23/89	3.92		
1/24/89	4.88	3/24/89	8.95	4/24/89	6.73	5/24/89	5.20	6/24/89	7.64	7/24/89	6.66	8/24/89	4.03	9/24/89	4.56		
1/25/89	4.88	3/25/89	8.92	4/25/89	6.21	5/25/89	5.35	6/25/89	7.12	7/25/89	6.46	8/25/89	3.48	9/25/89	5.17		
1/26/89	4.79	3/26/89	9.11	4/26/89	5.81	5/26/89	4.45	6/26/89	7.26	7/26/89	5.83	8/26/89	3.59	9/26/89	5.27		
1/27/89	3.67	3/27/89	8.80	4/27/89	5.56	5/27/89	4.85	6/27/89	7.10	7/27/89	5.81	8/27/89	3.59	9/27/89	5.88		
1/28/89	3.27	3/28/89	8.57	4/28/89	5.78	5/28/89	4.08	6/28/89	7.33	7/28/89	5.06	8/28/89	4.58	9/28/89	5.29		
1/29/89	4.33	3/29/89	8.21	4/29/89	5.72	5/29/89	4.10	6/29/89	7.10	7/29/89	5.01	8/29/89	4.31	9/29/89	4.14		
1/30/89	7.67	3/30/89	9.71	4/30/89	6.03	5/30/89	3.70	6/30/89	6.77	7/30/89	5.34	8/30/89	4.00	9/30/89	3.65		
1/31/89	7.16	3/31/89	8.77							7/31/89	5.47	8/31/89	3.44				
Min.	3.27	Min.	8.21	Min.	5.56	Min.	3.09	Min.	2.57	Min.	5.01	Min.	3.44	Min.	2.50		
Max.	7.67	Max.	14.17	Max.	9.76	Max.	6.86	Max.	23.34	Max.	8.46	Max.	4.76	Max.	5.88		
Ave.	5.06	Ave.	10.29	Ave.	8.08	Ave.	5.19	Ave.	8.37	Ave.	6.60	Ave.	4.22	Ave.	4.09		

ムブルジ川流量
(Maphiveni地点)

- 平均流量=6.62m³/sec.
(1980~1989年)
- 最小流量=0.37m³/sec.
(1987年8月11日発生)
- 最大流量=470.06m³/sec.
(1981年2月6日発生)

<添付技術資料>

Mbuluzi 川水質試験表 (Source: Water Resources Laboratory その1)

Sample: Mbuluzi River (Sampling point: Maphiveni)

Date	08/08/94	31/08/94	19/10/94	14/11/94	14/12/94	30/01/95	15/02/95
	03/04/95						
Time	14:48 13:35	14:08	13:11	11:50	12:42	13:15	12:30
Turb. (NTU)	6	5	27	5	90	17	25
E. Con. (/cm)	205 390	300	440	255	260	320	375
D. Solids (ppm)	126 200	130	240	103	129	ND	ND
S. Solids (ppm)	100 ND	174	167	135	313	ND	ND
T. Solids (ppm)	226 ND	304	408	238	442	ND	372
Temp (C)	18 28	21	22	35	23	31	29
PH	7.5 7.8	7.4	7.1	7.4	7.1	7.4	7.4
Ca (ppm)	40.4 95.6?	ND	ND	62.0	52.0	60.8	68.0
Mg (ppm)	ND ND	ND	ND	ND	ND	ND	ND
Cl (ppm)	44 60	70	115	53	80	78	ND
SO4 (ppm)	2.0 ND	0.5?	12.5	3.8	ND	ND	ND
Fe (ppm)	ND ND	ND	ND	ND	ND	ND	ND
COD (ppm)	8	ND	79	64	ND	ND	16
NO3 (ppm)	ND ND	ND	ND	ND	ND	ND	ND
Mn (ppm)	ND ND	ND	ND	ND	ND	ND	ND
PO4 (ppm)	ND ND	ND	ND	ND	ND	ND	ND
NH4 (ppm)	ND ND	ND	ND	ND	ND	ND	ND
TA (ppm)	135 93	71	ND	ND	67	72	90
TH (ppm)		85	102	139	144	95	150
	135	ND					

(Note)

ND : Not detected. ? : Result questionable

Mbuluzi 川水質試験表 (Source: Water Resources Laboratory その2)

Sample: Mbuluzi River (Sampling point: Maphiveni)

Date	19/05/95	19/06/95	02/08/95	30/08/95	09/10/95	06/11/95	06/12/95
	29/01/96						
Time	12:25 14:18	13:19	14:28	13:06	12:50	13:05	12:37
Turb. (NTU)	7 75	2	5	Nil	4	5	Nil
E. Con. (/cm)	370 240	375	350	260	260	220	320
D. Solids (ppm)	190 120	194	181	130	130	110	160
S. Solids (ppm)	ND ND	ND	189	290	248	220	310
T. Solids (ppm)	ND ND	ND	370	400	378	330	470
Temp (C)	22	-	-	26	25	24	25
PH	7.1 7.8	7.4	7.6	8.4	7.6	7.1	8.2
Ca (ppm)	42.0 69.6	92.8	-	-	140.0	61.6	?
Mg (ppm)	ND ND	ND	ND	ND	ND	ND	ND
Cl (ppm)	94 105	93	103	130	120	99	170
SO4 (ppm)	ND 10.5	ND	ND	8.0	3.8	10.5	10.0
Fe (ppm)	ND ND	ND	ND	ND	ND	ND	ND
COD (ppm)	ND	-	-	64	-	-	24
NO3 (ppm)	ND ND	ND	ND	ND	ND	ND	ND
Mn (ppm)	ND ND	ND	ND	ND	ND	ND	ND
PO4 (ppm)	ND ND	ND	ND	ND	1.03	ND	ND
NH4 (ppm)	ND ND	ND	ND	ND	ND	ND	ND
TA (ppm)	55 185	-	-	-	110?	158	250
TH (ppm)		172	220	140	210	215	154
	208?	-					

(Note)

ND : Not detected. ? : Result questionable

Mbuluzi 川水質試験表 (Source: Water Resources Laboratory その3)

Sample: Mbuluzi River (Sampling point: Maphiveni)

Date	28/02/96	10/04/96	20/05/96	19/06/96	31/08/96	23/09/96	21/10/96
	25/11/96						
Time	14:38 12:40	13:10	14:15	12:48	13:25	14:00	14:18
Turb. (NTU)	100	40	40	25	10	6	6

E. Con. (/cm)	80 380	110	110	110	150	220	190	
D. Solids (ppm)	40 190	55	55	55	75	171?	95	
S. Solids (ppm)	300 340	147	177	155	141	171?	107	
T. Solids (ppm)	340 530	202	232	210	216	342	202	
Temp (C)	28 25	22	22	17	16	21	22	
PH	7.1 7.6	7.2	7.2	7.5	7.3	7.4	8.2	
Ca (ppm)	25.2	36.0	36.0	-	-	75.6	-	-
Mg (ppm)	ND	ND	ND	ND	ND	-	-	-
Cl (ppm)	48 16	-	-	30	50	75	49	
SO4 (ppm)	-	-	-	-	-	-	-	-
Fe (ppm)	ND	ND	ND	ND	ND	ND	-	-
COD (ppm)	- 39	-	-	-	-	20	-	-
NO3 (ppm)	ND	ND	ND	ND	ND	ND	-	-
Mn (ppm)	ND	ND	ND	ND	ND	ND	-	-
PO4 (ppm)	ND 2.7	ND	ND	ND	ND	ND	-	-
NH4 (ppm)	ND	ND	ND	ND	ND	ND	-	-
TA (ppm)	60	90	93	-	-	228	-	-
TH (ppm)		46	-	-	71	144	153	
	130	230						

(Note)

ND : Not detected. ? : Result questionable

Mbuluzi 川水質試験表 (Source: Water Resources Laboratory その4)

Sample: Mbuluzi River (Sampling point: Maphiveni)

	Date	15/01/97	19/03/97	28/04/97	04/06/97	07/09/97	13/09/97	15/09/97	
Time		12:31 13:25	14:15	13:50	11:45	13:50	13:45	12:40	
Turb. (NTU)				20	15	8	8	Nil	5
E. Con. (/cm)				120	160	160	170	170	
		180							
D. Solids (ppm)									
S. Solids (ppm)									
T. Solids (ppm)									
Temp (C)		26 26	28	24	17	15	20	22	
PH		7.6 7.4	7.4	7.4	7.2	7.5	7.4	7.2	
Ca (ppm)				34.0	43.6	45.2	48.0	57.6	
		48.0							
Mg (ppm)									
Cl (ppm)		60							
SO4 (ppm)									
Fe (ppm)				Nil					
COD (ppm)				42	20	Nil	-	-	
		17							
NO3 (ppm)									
Mn (ppm)									
PO4 (ppm)			3.4	1.6	2.2	Nil	2.0	2.0	
		ND							
NH4 (ppm)									
TA (ppm)		151 138			110	134	134	145	
TH (ppm)			130			92	104	100	
		122	131						

(Note)

ND : Not detected. ? : Result questionable

Mbuluzi 川水質試験表 (Source: Water Resources Laboratory その5)

Sample: Mbuluzi River (Sampling point: Maphiveni)

	Date	12/11/97	10/12/97	21/01/98	18/02/98	25/03/98	29/04/98
Time		13:05	13:15	12:45	15:30	13:05	
Turb. (NTU)		100	25	5	-	-	-
E. Con. (/cm)		140	150	130	-	145	150
D. Solids (ppm)							
S. Solids (ppm)							
T. Solids (ppm)							
Temp (C)		24	27	29	23	27	
pH		-	7.6	7.7	7.8	7.8	7.6
Ca (ppm)		36.4	36.8	30.0	-	34.8	44.4
Mg (ppm)							
Cl (ppm)		42	58	-			
SO4 (ppm)							
Fe (ppm)							
COD (ppm)		105	4	-	9	-	
NO3 (ppm)							
Mn (ppm)							
PO4 (ppm)		1.3	2.9	3.1	-	-	-
NH4 (ppm)							
TA (ppm)			108	107	100		106
TH (ppm)				108	91	-	145

(Note)

ND : Not detected. ? : Result questionable

Mbuluzi 川水質試験表 (Source: Laboratory of Rural Water Supply Branch)

Sample: Mbuluzi River (Sampling point: Maphiveni)

	Date	29/04/97	05/10/98
PH		6.70	6.2
Turb. (FTU)		3	Nil
Col.		22	Nil
Cond. (/cm)		2,000	196
SO4 (ppm)		13	13
Cl (ppm)		12.5	97
NO3 (ppm)		0.27	4.4
NO2 (ppm)		Nil	0.029
Fe (ppm)		0.06	0.10
Mn (ppm)		0.80	0.001
F (ppm)		Nil	Nil
Alk (ppm)		95	385
HCO3 (ppm)		58	235
Hard (ppm)		Nil	157
TDS (ppm)		1,000	109
TC		Nil	-
FC		Nil	-

<技術資料> 第1次地方給水計画、75本建設井戸の水質データ(1)

No	県	コミュニティ	採水日時	pH	Turbidity	Col	Cond (mg/l)	SO ₄ (mg/l)	Cl ⁻ (mg/l)	NO ₃ (mg/l)	NO ₂ (mg/l)	T-Fe (mg/l)	Mn ⁺⁺ (mg/l)	F ⁻ (mg/l)	Alkal (mg/l)	HCO ₃ (mg/l)	Hard. (mg/l)	TDS (mg/l)	TC (mg/l)	PC (mg/l)	
1	Hohho	Mbashedi 1	1997/8/20	7.3	3	18	609	1.0	16.9	0.05	0.02	0.01	Nil	0.55	230	140.3	47.0	341.0	Nil	Nil	
2	Hohho	Mbashedi 2	1997/8/20	6.9	9	51	501	4.0	11.9	0.04	0.05	0.02	Nil	0.78	145	88.4	48.0	281.0	Nil	Nil	
3	Hohho	Ngobodzi	1997/7/22	7.0	4	15	548	1.0	17.0	0.49	0.01	0.04	0.01	Nil	275	167.8	84.0	307.0	Nil	Nil	
4	Hohho	Zinyane 1	1997/10/15	7.1	14	85	673	13.0	63.9	1.86	29.50	0.57	2.70	0.50	290	176.9	105.0	376.0	Nil	Nil	
5	Hohho	Zinyane 2	1997/10/13	6.9	Nil	1	924	Nil	96.5	0.7	3.28	0.06	0.30	1.10	325	198.0	113.0	517.4	Nil	Nil	
6	Hohho	Zinyane 3	1997/10/13	7.3	21	123	842	8.0	51.5	0.62	32.80	0.44	1.10	2.20	385	234.8	122.0	471.5	Nil	Nil	
7	Hohho	Zinyane 4	1997/10/14	7.2	1	10	584	29.0	66.5	2.48	9.84	0.04	0.30	0.69	160	97.6	77.0	327.0	Nil	Nil	
8	Hohho	Zinyane 5	1997/7/5	7.1	28	163	1,366	9.0	118.0	1.68	0.01	0.03	Nil	1.47	450	274.5	82.0	765.0	Nil	Nil	
9	Hohho	Nsangwini 1	1997/8/5	7.2	2	12	45	1.0	5.0	0.18	Nil	0.04	0.00	0.18	85	52.0	Nil	25.2	Nil	Nil	
10	Hohho	Nsangwini 2	1997/7/15	6.0	Nil	4	90	Nil	10.5	0.4	0.02	0.01	0.00	0.01	440	268.4	Nil	50.4	Nil	Nil	
11	Hohho	Nsangwini 3	1997/8/6	7.1	6	35	61	3.0	5.0	0.3	0.01	0.17	0.00	0.01	95	57.9	28.0	34.2	Nil	Nil	
12	Hohho	Mcuba 1	1997/10/7	7.4	Nil	19	579	1.0	46.5	0.09	0.01	0.08	0.02	0.07	250	153.0	75.0	324.0	Nil	Nil	
13	Hohho	Mcuba 2	1997/10/6	7.3	Nil	16	548	1.0	45.5	Nil	Nil	0.03	0.02	0.05	200	122.0	107.0	306.0	Nil	Nil	
14	Hohho	Nyakatho 1	1997/7/18	6.8	Nil	Nil	1,528	17.0	250.0	0.49	0.09	0.01	0.00	1.83	260	158.6	98.0	855.0	Nil	Nil	
15	Hohho	Nyakatho 2	1997/7/16	6.7	Nil	8	1,551	1.0	212.0	0.58	0.05	0.04	0.00	Nil	210	128.1	168.0	868.0	Nil	Nil	
16	Hohho	Nyakatho 3	1997/7/18	6.8	Nil	3	937	27.0	89.0	2.26	0.99	0.02	0.00	Nil	400	244.0	9.8	524.7	Nil	Nil	
17	Hohho	Nyakatho 4	1997/10/10	7.2	4	18	1,252	1.0	187.0	0.18	3.28	0.08	0.00	0.01	325	198.0	90.0	701.0	Nil	Nil	
18	Hohho	Nyakatho 5	1997/12/2	7.2	2	7	147	32.0	138.0	12.8	0.33	0.05	0.00	0.20	560	342.0	168.0	82.3	Nil	Nil	
19	Manzini	Mbekweni 1	1997/4/15	6.7	4	30	100	1.0	10.0	0.40	2.40	0.08	0.00	<0.01	100	61.0	Nil	160	21	21	
20	Manzini	Mbekweni 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Manzini	Mbekweni 3	1997/4/15	6.7	14	94	55	4.0	5.5	0.40	1.50	0.28	0.02	<0.01	85	519.0	Nil	Nil	13	2	
22	Manzini	Ludzeludze 1	1997/4/15	6.7	Nil	2	169	<0.01	12.0	0.27	0.60	0.03	0.00	<0.01	80	48.8	8.4	5.9	31	2	
23	Manzini	Ludzeludze 2	1997/4/15	6.7	12	76	199	5.0	20.5	0.66	1.80	0.27	0.01	<0.01	100	61.0	16.8	11.0	86	30	
24	Manzini	Mahlabane 1	1997/5/8	6.7	2	12	650	1.0	419.0	0.49	0.90	0.01	0.38	<0.01	315	192.0	154.0	423.0	Nil	Nil	
25	Manzini	Mahlabane 2	1997/5/12	6.9	Nil	Nil	455	21.0	44.5	0.98	0.60	0.05	0.00	<0.01	80	48.8	61.6	296.0	Nil	Nil	
26	Manzini	Mahlabane 3	1997/5/6	6.6	Nil	Nil	497	<0.01	28.5	0.62	0.90	0.03	0.03	<0.01	260	158.6	106.0	323.0	Nil	Nil	

(注)、出典：第1次地方給水計画、水質分析資料(水質基準値を超えるものは原資料の検討及び再検査の必要あり)

<技術資料> 第1次地方給水計画、75本建設井戸の水質データ(2)

No	県	コミュニティ	採水日時	pH	Turbidity	Col	Cond (mg/l)	SO ₄ (mg/l)	Cl ⁻ (mg/l)	NO ₃ (mg/l)	NO ₂ (mg/l)	T-Fe (mg/l)	Mn ⁺⁺ (mg/l)	F ⁻ (mg/l)	Alkal (mg/l)	HCO ₃ (mg/l)	Hard. (mg/l)	TDS (mg/l)	TC (mg/l)	FC (mg/l)	
27	Manzini	Mbhadlane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Manzini	Emnyokantoka	1997/7/21	7.0	2	4	803	Nil	11.5	0.09	0.01	0.02	0.00	Nil	300	183.0	53.2	450	Nil	Nil	
29	Manzini	Emsindza 1	1997/5/12	7.0	Nil	Nil	820	Nil	80.0	0.75	0.60	0.03	0.15	<0.01	360	219.6	99.4	553	Nil	Nil	
30	Manzini	Emsindza 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Manzini	Eihunzini	1997/10/20	7.2	Nil	5	535	1.0	53.0	0.27	3.28	0.05	0.20	0.72	230	140.0	59.0	347	Nil	Nil	
32	Manzini	Sihhoye 1	1997/11/25	7.1	Nil	5	410	19.0	372.0	22.00	0.24	0.02	0.06	0.08	500	305.0	324.0	279	Nil	Nil	
33	Manzini	Sihhoye 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Manzini	Sihhoye 3	1997/11/12	6.9	Nil	Nil	200	3.0	204.4	4.48	0.02	0.02	Nil	Nil	115	70.2	350.0	112	Nil	Nil	
35	Manzini	Sihhoye 4	1997/5/12	7.0	40	17	1,192	Nil	Nil	1.37	1.20	0.06	0.10	<0.01	335	204.4	133.0	681	Nil	Nil	
36	Manzini	Emnjoli 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Manzini	Emnjoli 2	1997/11/12	7.2	9	53	1,957	19.0	246.9	24.20	0.41	0.01	0.00	Nil	1,050	640.0	235.0	1096	Nil	Nil	
38	Manzini	Manzana	1997/10/27	7.2	8	44	2,010	66.0	288.0	2.57	9.84	Nil	0.69	Nil	325	198.3	170.0	1306	50	30	
39	Lubombo	Mahlabatsini	1997/12/8	7.2	Nil	Nil	192	33.0	226.0	66.00	0.07	0.05	0.01	0.26	500	305.0	259.0	108	Nil	Nil	
40	Lubombo	Bhelebane	1997/5/12	6.7	30	7	1,048	15.0	15.0	0.87	0.90	0.06	0.39	<0.01	250	153.0	18.0	681	Nil	Nil	
41	Lubombo	Mampembeni	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Lubombo	Mahhoshe	1997/10/22	6.9	25	143	1,455	75.0	247.0	0.84	16.40	1.41	1.20	0.62	370	225.7	220.0	946	Nil	Nil	
43	Lubombo	Letindze	1997/10/8	7.4	9	67	1,105	15.0	134.9	0.18	3.28	0.04	Nil	0.03	325	198.2	130.0	618	Nil	Nil	
44	Lubombo	Lomvovo 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Lubombo	Lomvovo 2	1997/10/1	7.2	Nil	Nil	1,074	34.0	76.97	0.08	1.08	0.02	Nil	2.20	405	247.1	98.0	601	Nil	Nil	
46	Lubombo	Lomvovo 3	1997/10/10	7.3	12	86	1,931	5.0	249.90	0.27	9.84	0.08	0.03	0.02	505	308.0	110.0	1081	Nil	Nil	
47	Lubombo	Lomvovo 4	1997/10/1	6.9	Nil	Nil	833	Nil	63.98	Nil	0.05	Nil	Nil	1.12	325	198.3	161.0	466	63	9	
48	Lubombo	Nokwane	1997/10/22	7.0	2	12	1,492	30.0	123.50	0.97	6.56	0.04	0.20	0.32	620	378.0	266.0	970	Nil	Nil	
49	Lubombo	Sagula	1997/11/6	7.2	5	19	1,829	3.0	159.00	11.80	0.02	0.01	0.06	0.15	600	366.0	100.0	1024	Nil	Nil	
50	Lubombo	Shewula 1	1997/1/13	6.5	50	284	316	12.0	245.00	20.10	0.10	0.48	0.08	0.89	240	146.0	58.0	205	Nil	Nil	
51	Lubombo	Shewula 2	1997/5/12	6.5	6	32	288	20.0	17.80	0.31	0.90	1.43	0.00	<0.01	105	64.0	Nil	187	Nil	Nil	
52	Lubombo	Shewula 3	1997/5/12	6.9	81	434	175	22.0	25.90	2.61	6.90	1.07	0.09	<0.01	90	54.9	Nil	114	Nil	Nil	

(注)、出典：第1次地方給水計画、水質分析資料(水質基準値を超えるものは原資料の検討及び再検査の必要あり)

<技術資料> 第1次地方給水計画、75本建設井戸の水質データ(3)

No	県	コミュニティ	採水日時	pH	Turbidity	Col	Cond (mg/l)	SO ₄ (mg/l)	Cl ⁻ (mg/l)	NO ₃ (mg/l)	NO ₂ (mg/l)	T-Fe (mg/l)	Mn ⁺⁺ (mg/l)	F ⁻ (mg/l)	Alkal (mg/l)	HCO ₃ (mg/l)	Hard. (mg/l)	TDS (mg/l)	TC (mg/l)	FC (mg/l)
53	Shiselweni	Makhava	1997/9/23	7.2	19	7	1173	7.0	147.0	0.13	0.10	0.10	0.10	0.13	475	289.8	75.0	658	22	Nil
54	Shiselweni	Mszanani 1	1997/11/12	7.1	Nil	3	1,894	43.0	145.0	22.00	0.03	0.02	Nil	0.67	510	311.0	267.0	1231	Nil	Nil
55	Shiselweni	Mszanani 2	1997/11/12	7.2	5	33	2,120	35.0	231.0	4.40	0.03	0.66	Nil	0.54	500	305.0	249.0	1378	Nil	Nil
56	Shiselweni	Mszanani 3	1997/11/12	7.1	2	14	2,200	32.0	247.0	22.00	0.06	0.06	Nil	0.56	550	336.0	275.0	1430	Nil	Nil
57	Shiselweni	Mszanani 4	1997/11/12	7.0	Nil	Nil	2,430	75.0	263.0	22.00	0.08	0.01	Nil	0.73	540	329.0	280.0	1580	Nil	Nil
58	Shiselweni	Bambitje 1	1997/9/22	7.2	10	58	3,99	27.0	246.9	0.62	0.54	1.07	2.30	Nil	275	167.8	126.0	223	Nil	Nil
59	Shiselweni	Bambitje 2	1997/9/22	7.3	12	73	1,143	20.0	94.5	0.88	0.03	0.04	0.60	1.55	200	122.0	90.0	640	36	Nil
60	Shiselweni	Bambitje 3	1997/9/22	7.3	2	15	251	1.0	34.5	0.77	0.03	0.06	0.80	2.20	150	91.5	63.0	1406	Nil	Nil
61	Shiselweni	Bambitje 4	1997/8/20	7.1	Nil	1	1,973	1.0	171.9	0.02	0.10	0.02	Nil	0.91	460	280.6	148.0	1105	Nil	Nil
62	Shiselweni	Bambitje 5	1997/8/13	7.1	5	30	1,705	33.0	176.9	0.18	0.07	0.17	0.01	<0.01	630	384.3	135.0	955	35	10
63	Shiselweni	Bambitje 6	1997/8/13	7.0	4	25	1,990	46.0	96.9	0.22	0.07	0.28	0.00	<0.01	600	366.0	241.0	1114	65	Nil
64	Shiselweni	Bambitje 7	1997/8/13	6.8	11	64	1,963	38.0	246.9	0.13	0.07	0.52	0.01	<0.01	600	366.0	276.0	1099	46	Nil
65	Shiselweni	Bambitje 8	1997/8/13	7.1	3	20	1,838	34.0	406.8	1.02	0.03	0.04	0.01	1.59	450	274.0	174.0	1029	27	8
66	Shiselweni	Bambitje 9	1997/8/20	7.1	Nil	3	1,564	Nil	99.4	0.01	0.03	0.02	Nil	0.26	430	262.3	382.0	876	26	13
67	Shiselweni	Sigwe 1	1997/5/27	7.4	1	9	1450	31.0	115.0	0.13	0.02	0.05	0.01	0.24	500	305.0	322.0	812	Nil	Nil
68	Shiselweni	Sigwe 2	1997/10/1	7.2	Nil	Nil	1,115	Nil	117.0	0.04	0.02	0.01	Nil	0.52	370	225.7	140.0	624	10	Nil
69	Shiselweni	Sigwe 3	1997/5/20	7.2	5	27	1,006	27.0	42.5	0.18	0.21	0.36	0.20	0.24	450	275.0	154.0	563	Nil	Nil
70	Shiselweni	Ndlambuti	1997/10/20	7.1	Nil	Nil	1,584	26.0	245.0	1.06	9.84	Nil	Nil	0.24	50	30.5	235.0	887	Nil	Nil
71	Shiselweni	Ngamudze 1	1997/10/20	7.1	Nil	Nil	1,438	Nil	141.9	0.18	9.84	0.55	0.10	0.43	120	73.2	17.5	805	Nil	Nil
72	Shiselweni	Ngamudze 2	1997/7/22	8.2	57	305	1,044	14.0	31.5	0.49	0.23	0.08	0.09	Nil	160	97.6	Nil	585	Nil	Nil
73	Shiselweni	Ngamudze 3	1997/8/27	7.5	1	1	1221	19.0	22.4	0.22	0.21	0.09	0.00	1.26	85	51.9	47.0	684	Nil	Nil
74	Shiselweni	Ngamudze 4	1997/8/27	7.3	3	17	1,308	2.0	29.9	0.66	0.03	0.07	0.00	0.62	95	58.0	50.0	732	Nil	Nil
75	Shiselweni	Ngamudze 5	1997/7/31	7.2	1	5	1,930	9.0	557.0	0.22	0.10	0.30	0.01	0.41	455	277.6	420.0	1080	Nil	Nil

(注) 出典: 第1次地方給水計画、水質分析資料(水質基準値を超えるものは原資料の検封及び再検査の必要あり)

7. 収集資料リスト

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— 収集資料リスト —

No.	資料名	部数	オリジナル ・コピー	入手先
1	Government of Swaziland, Health Statistical Report 199	1	コピー	Statistical Unit
2	Guidelines for Drinking Water Quality in Rural Areas, November 1998	1	コピー	Sector Coordination Committee
3	Rural Water Supply Branch, Motor Vehicle and Plant Inventory	1	オリジナル	RWSB
4	Groundwater Resources Unit Annual Report, 1998. January to December 31, 1998	1	コピー	Department of Geological Survey and Mines
5	Procedures for the Approval of Rural Water Schemes in Swaziland, November 1998	1	コピー	Sector Coordination Committee
6	Government of Swaziland-UNICEF, Mid-Term Review Report, April 1998, Volume-Main Report (Draft)	1	コピー	UNICEF
7	Government of Swaziland-UNICEF, Mid-Term Review Report, April 1998, Volume-2, ANNEX	1	コピー	UNICEF
8	Tender No.12 1999/2000	1	コピー	RWSB
9	Environmental Audit, Assessment and Review, Guidelines, June 1999	1	コピー	Swaziland Environment Authority
10	Legal Notice No.58 of 1996, The Swaziland Environment Authority Act, 1996, The Environmental Audit, Assessment and Review Regulations, 1996	1	コピー	Swaziland Environment Authority
11	VLOMAX	1	コピー	Tri-Manzi (Pty)LTD
12	The Zimbabwe Bush Pump, A Manual for the Installation Dismantling and Maintenance of the "B"	1	コピー	Tri-Manzi (Pty)LTD
13	Mbuluzi River Flow Data, 1980-1989	1	コピー	Water Resources Branch
14	Lomahasha Wellfield Report, 1999	1	コピー	Department of Geological Survey and Mines
15	Design and Construction Manual	1	コピー	RWSB
16	Rural Water Supply Branch, Annual Budget	1	コピー	RWSB
17	Rural Water Supplies, Project Duration, Project Budget	1	コピー	RWSB
18	National Development Strategy (NDS) "A Twenty-Five Year Vision "	1	コピー	RWSB
19	Database of Rural Water Supply Schemes in Swaziland	1	コピー	RWSB
20	Results of Chemical and Physical Tests, River Samples	1	コピー	Water Resources Laboratory
21	Swaziland Meteorological Field Network, Rainfall Data	1	コピー	Meteorological Services, Ministry of Public Works and Transport
22	Swaziland Topographic Map, (Scale:1:250,000)	1	オリジナル	Surveyer General Office
23	North Lubombo Area, Topographic Map (Scale: 1:50,000)	1	オリジナル	RWSB