

Department of Water and Sanitation

SAFPUB V02 Output 20/04/2025

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	1
K9R001	Krom River @ Kromme Riviers Poort (Kromrivier Dam)				34:00:03	24:29:35	K90B	364	Kromrivier Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	30.51	156.03	240.96	35.53	35.71		1948-09-01	Basin survey			
	30.51	156.03	242.63	35.24	35.40		2006-12-01	Basin survey			
Data							Data Period				
	10.00	Rainfall	(mm.)				2004-05-26	2024-11-21	1% missing		
	10.70	Rainfall	(mm.)	Tipping Bucket			2004-05-26	2024-11-21			
	100.00	Level	(Metres)				1948-09-01	2024-11-21	8% missing		
Components							Component Period				
	0016484	KLIPDRIFT					1948-09-01	1950-06-01			
	K9H001	Krom River @ Kromme Riviers Poort					1948-09-01				
	K9H002	Left Pipeline from Dam @ Kromme Riviers Poort					1948-09-01				
	K9E001	Kromme Riviers Poort @ Krom River Dam					1950-05-02				
K9R002	Krom River @ Elandsjagt (Impofu Dam)				34:05:42	24:41:25	K90D	844	Impofu Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	0.00	0.00	0.00	0.00	0.00		1982-10-04	Basin survey			
	51.72	76.29	637.16	107.24	107.46		1983-07-29	Original			
	51.72	76.29	637.27	106.94	107.06		1984-10-01	Basin survey			
	51.72	76.29	635.48	106.80	106.93		1999-10-01	Basin survey			
	51.72	76.29	636.59	105.76	105.83		2007-10-01	Basin survey			
Data							Data Period				
	10.00	Rainfall	(mm.)				2004-06-29	2025-01-29	2% missing		
	10.70	Rainfall	(mm.)	Tipping Bucket			2004-06-29	2025-01-29			
	100.00	Level	(Metres)				1982-10-04	2025-01-29	1% missing		
Components							Component Period				
	K9H003	Krom River @ Elandsjagt					1983-07-28				
	K9E001	Kromme Riviers Poort @ Krom River Dam					1983-07-29	1984-09-03			
	K9E002	Elandsjagt @ Impofu Dam					1984-09-03				
	K9H004	Pipeline from Treatment Works @ Elandsjagt					1985-06-09				
	K9H011	Pipeline to Woodlands Farm (Impofu Dam)					2004-09-01				
L3R001	Groot River @ Windheuvel (Beervlei Dam)				33:04:36	23:29:29	L30C	20580	Beervlei Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	10.67	704.09	1733.72	58.87	59.08		1958-01-12	Original			
	10.67	704.09	1732.70	56.19	56.19		1962-10-01	Basin survey			
	12.47	705.89	2281.49	92.20	92.20		1967-08-01	Raised			
	12.47	705.89	2291.79	89.83	89.83		1978-10-01	Basin survey			



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	2
L3R001	(continued)										
	12.43	705.89	2307.28	88.80	88.80		1984-10-01	Basin	survey		
	12.43	705.89	2302.23	85.78	85.78		2000-10-01	Basin	survey		
	12.50	705.92	2315.91	88.10	88.10		2018-10-01	Basin	survey		
Data							Data Period				
	10.00	Rainfall (mm.)					2007-04-02	2025-01-20	2% missing		
	10.70	Rainfall (mm.)	Tipping Bucket				2007-04-02	2025-01-20			
	100.00	Level (Metres)					1958-01-12	2025-01-20			
Components							Component Period				
	0050785	Volstruisleegte					1958-01-12	1959-03-01			
	L3H002	Right Canal from Dam @ Wind Heuvel					1958-01-12				
	L3E001	Windheuvel @ Beervlei Dam					1959-03-01				
L8R001	Kouga River @ Twee Rivieren (Kouga Dam)				33:44:26	24:35:15	L82H	3892	Kouga Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	54.95	149.36	554.50	129.72	130.00		1961-10-02	Original			
	54.95	149.36	554.50	128.27	128.49		1985-10-01	Basin survey			
	54.95	149.36	562.91	125.91	125.98		2008-04-01	Basin survey			
Data							Data Period				
	10.00	Rainfall (mm.)					2004-12-13	2024-11-20	1% missing		
	10.70	Rainfall (mm.)	Tipping Bucket				2004-12-13	2024-11-20			
	100.00	Level (Metres)					1961-10-02	2024-11-20			
	215.00	Tot Gates' Vol(Ml)	Gate Discharge Volume				1971-07-18	2024-11-01	11% missing		
Components							Component Period				
	L8E001	Twee Rivieren @ Kouga Dam					1961-10-02				
	L8H006	Kouga River @ Twee Rivieren					1961-10-02	1980-04-30			
	L8H004	Right Canal from Kouga Dam @ Twee Rivieren					1961-12-06				
	L8H007	Pipeline from Kouga Dam @ Twee Rivieren					1990-11-01				
L8R002	Groot River @ Haarlem (Haarlem Dam)				33:46:11	23:19:04	L82A	29	Haarlem Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	18.07	852.55	54.52	4.60	4.76		1991-07-15	Original			
Data							Data Period				
	10.03	Rainfall (mm.)	Unverified Realtime				2014-01-01	2021-05-25			
	10.55	Rainfall (mm.)	HYDRAS 3 (realtime)				2020-11-02	2024-11-14			
	100.00	Level (Metres)					1991-07-17	2025-01-24			
	138.00	Valve Dis. (Cumeecs)					1994-06-28	1996-06-01			
	138.01	Valve Dis. (Cumeecs)					1995-08-01	1996-06-01			
Components							Component Period				
	L8H008	Pipeline from Haarlem Dam @ Haarlem					1991-07-17				



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	3
L9R001	Loeriespruit River @ Loerie River (Loerie Dam)				33:51:54	25:02:20	L90C	145	Loerie Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	13.72	33.37	58.58	3.99	4.11		1969-09-01		Original		
	13.72	33.37	50.97	3.36	3.36		1984-10-01		Basin survey		
	13.72	33.37	52.06	3.29	3.29		1997-10-01		Basin survey		
	13.72	33.37	51.86	3.33	3.33		2004-08-01		Basin survey		
	13.72	33.37	51.82	3.03	3.03		2009-05-01		Basin survey		
Data							Data Period				
	10.00	Rainfall	(mm.)				2004-05-26	2025-01-01	1% missing		
	10.70	Rainfall	(mm.)	Tipping Bucket			2004-05-26	2025-01-01			
	100.00	Level	(Metres)				1969-09-01	2025-01-31			
Components							Component Period				
	L8E001	Twee Rivieren @ Kouga Dam					1969-09-01	1974-07-31			
	L9R001	Loeriespruit River @ Loerie River (Loerie Dam)					1969-09-01				
	L9H006	Left Pipeline to Treatment Works @ Loerie River					1969-09-03				
	L9H005	Inflow Canal from Kouga Dam @ Loerie River					1971-02-18				
	L9E002	Loerie River @ Loerie Dam					1974-08-01				
	L9H007	Wash-Water Pipeline(Treatment Works) @ Loerie River					1990-10-01				
M1R001	Swartkops River @ Groendal (Groendal Dam)				33:41:26	25:15:57	M10A	264	Groendal Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	144.80	144.80	92.02	11.64	11.66		1938-12-01		Original		
Data							Data Period				
	10.00	Rainfall	(mm.)				2002-11-26	2025-01-27	1% missing		
	10.70	Rainfall	(mm.)	Tipping Bucket			2002-11-26	2025-01-27			
	100.00	Level	(Metres)				1938-12-01	2025-01-27			
Components							Component Period				
	0034381	Van Stadens - Rsv					1938-12-01	1958-09-30			
	M1H006	Pipeline to Treatment Works @ Groendal					1938-12-01				
	M1H007	Compensation Water from Pipeline @ Groendal					1938-12-01				
	N2E001	Dwaas @ Darlington Dam					1938-12-01	1958-10-01			
	M1E001	Groendal @ Groendal Dam					1958-10-01	2006-11-01			
	M1E002	Kabah Purification works @ Uitenhage					2006-10-31				
M1R002	Bulk River @ Bulk River (Bulk River Dam)				33:48:03	25:10:32	M10B	31	Bulkriver Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	16.76	306.13	0.00	0.00	0.00		1968-01-01		Original		
Data							Data Period				
	100.00	Level	(Metres)				1990-11-01	1991-08-31			



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	4
M1R002	(continued)										
Components											
	M1H008	Pipeline from Bulk River Dam @ Bulk River						Component Period			
								1968-01-01 1968-01-01			
M1R003	Sand River @ Elandsfontein Annex (Sand River Dam)				33:43:42	25:05:50	M10B	51	Sand River Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	21.03	313.97	0.00	0.00	0.00			1968-01-01	Original		
Data											
	100.00	Level	(Metres)					Data Period			
								1990-11-01 1991-08-31			
Components											
	M1H009	Pipeline from Sand River Dam @ Elandsfontein Annex						Component Period			
								1968-01-01 1991-09-01			
M2R001	Van Stadens River @ Watershed				33:51:11	25:13:24	M20B	14	V. Stadens Dam-Upper		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	8.85	296.30	0.00	0.00	0.00			1968-01-01	Original		
Data											
	100.00	Level	(Metres)					Data Period			
								1980-10-01 1991-08-31	1% missing		
Components											
	M2H001	Pipeline from Treatment Works @ Watershed						Component Period			
								1968-01-01 1991-08-02			
M2R002	Van Stadens River @ Watershed				33:52:56	25:12:41	M20B	36	V.Stadens Dam-Lower		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	13.41	210.40	0.00	0.00	0.00			1968-01-01	Original		
Data											
	100.00	Level	(Metres)					Data Period			
								1990-11-01 1991-08-31			
Components											
	M2H002	Pipeline from Treatment Works @ Sunnyvale						Component Period			
								1968-01-01 1995-10-17			
N1R001	Sondags River @ Graaff-Reinet (Nqweba (V.Rynevelds))				32:14:07	24:31:43	N12C	3667	Nqweba Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	22.56	787.59	1133.30	65.12	79.03			1925-01-01	Original		
	22.56	787.59	1132.00	64.69	74.42			1931-10-01	Basin survey		
	22.56	787.59	1130.80	62.01	69.24			1935-10-01	Basin survey		
	22.56	787.59	1130.00	58.91	61.22			1946-10-01	Basin survey		
	22.56	787.59	1130.00	56.53	57.07			1957-10-01	Basin survey		
	22.74	787.77	1152.33	57.22	57.57			1961-04-01	Temporary fsl		



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	5
N1R001	(continued)										
	22.59	787.62	1133.71	55.44	55.78		1961-06-01	Temporary fsl			
	22.56	787.59	1130.00	54.35	54.59		1963-05-01	Basin survey			
	22.56	787.59	1130.00	53.01	53.06		1966-10-01	Basin survey			
	22.56	787.59	1038.10	47.43	47.43		1978-10-01	Basin survey			
	22.56	787.59	1033.68	47.22	47.22		1998-11-01	Basin survey			
	22.57	787.59	1026.16	44.72	44.72		2011-04-01	Basin survey			
	22.57	787.59	1024.67	45.38	45.38		2020-10-01	Basin survey			
Data											
	10.00	Rainfall (mm.)									
	10.70	Rainfall (mm.)	Tipping Bucket				2005-05-03	2025-01-20	5% missing		
	100.00	Level (Metres)					2005-05-03	2025-01-20			
	149.00	Combined (cumecs)					1925-01-01	2025-01-20	2% missing		
							1930-03-01	1950-07-03			
Components											
	N1H013	Mackies Puts-Eye @ Graaff-Reinet					1925-01-01				
	N1H019	Left Canal from Nqweba Dam to River @ Graaff-Reinet					1925-01-01	2003-11-24			
	N1H020	Left Canal from Pipeline @ Graaff-Reinet					1925-01-01	2003-11-24			
	N1H021	Right Canal from Pipeline @ Graaff-Reinet					1925-01-01	2003-11-24			
	N1E001	Graaff-Reinet @ Nqweba Dam (V.Ryneveldspas)					1926-03-01				
	N1H022	Pipeline from Nqweba Dam (V.Ryneveldsp) @ Graaff-Reinet					2002-01-22				
	N1H023	Pipeline from Nqweba Dam (V.Ryneveldsp) @ Graaff-Reinet					2010-04-16				
N2R001	Sondags River @ Dwaas (Darlington Dam)				33:12:22	25:08:50	N23B	16820	Darlington Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	21.03	239.88	1993.14	106.26	119.12		1923-01-01	Original			
	12.50	239.88	1993.14	106.26	119.12		1928-01-05	A01 - Adjusted			
	12.50	239.88	1733.00	77.67	77.73		1934-04-01	Basin survey			
	14.02	241.40	2131.21	104.31	104.36		1935-10-01	Raised			
	14.02	241.40	1882.00	89.15	89.15		1942-01-01	Basin survey			
	14.02	241.40	1932.00	82.66	82.66		1946-10-01	Basin survey			
	19.84	247.22	3737.40	230.65	230.65		1951-08-01	Raised			
	19.84	247.22	3593.00	208.68	208.68		1966-10-01	Basin survey			
	12.68	247.22	3413.14	192.98	192.98		1978-12-01	Basin survey			
	12.68	247.22	3459.11	188.37	188.37		1990-08-01	Basin survey			
	12.68	247.22	3360.47	180.83	180.83		2007-06-01	Basin survey			
	12.68	247.22	3363.65	179.84	179.84		2016-05-01	Basin survey			
Data											
	100.00	Level (Metres)					1923-01-01	2025-01-21	1% missing		
	215.00	Tot Gates' Vol(Ml)	Gate Discharge	Volume			1931-12-29	2025-02-01			
Components											
	N2H010	Left Canal from Dam @ Dwaas					1923-01-01				
	0054293	Glenconner - Pol					1923-10-01	1983-01-01			
	N2E001	Dwaas @ Darlington Dam					1925-10-01				
	0054253	Darlington Dam					1959-10-01				
	N2H011	Left Canal from Dam @ Dwaas					1986-10-24				
	N2H012	Pipeline from Darlington Dam @ Darlington Dam					1991-06-03	1998-07-15			
	N2H013	Pipeline from Darlington Dam @ Darlington Dam					1998-07-15				



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	6
N3R001	Blyde River @ Dassies Krantz (Blyde River Dam)				32:40:38	25:13:02	N30A	157	Blyde River Dam		
FSL Parameters	Gauge Plate (m) 9.01	Reduced Level (m) 648.43	Surface area (ha) 35.31	Net capacity (mill m**3) 0.28	Gross capacity (mill m**3) 0.28		1924-05-09	Basin survey			
Components							Component	Period			
	N3H003	Left Canal from Dam @ Dassies Krantz					1924-05-09	1951-09-30			
	N3H004	Right Canal from Dam @ Dassies Krantz					1925-05-20	1951-09-30			
N4R001	Wit River @ Slagboom (Slagboom Dam)				33:22:12	25:39:59	N40C	196	Slagboom Dam		
FSL Parameters	Gauge Plate (m) 6.70 6.70	Reduced Level (m) 190.04 189.51	Surface area (ha) 10.40 9.31	Net capacity (mill m**3) 0.47 0.22	Gross capacity (mill m**3) 0.47 0.22		1955-02-10 2006-10-01	Original Basin survey			
Data							Data Period				
	100.00	Level	(Metres)				1955-02-10	1980-06-12	1% missing		
Components							Component	Period			
	N4H008	Wit River @ Slagboom					1955-02-10	1974-07-31			
	N4H009	Pipeline from Slagboom Dam @ Slagboom					1955-02-10	1974-07-31			
	N4E001	Addo					1960-01-01				
	0055410	Zuurberg - Bos					1965-02-01				
P1R001	Nuwejaarspruit River @ Jameson (Jameson Dam)				33:18:56	26:26:15	P10A	6	Jameson Dam		
P1R002	Nuwejaars Spruit @ Jameson (Milner Dam)				33:18:42	26:25:42	P10A	10	Milner Dam		
P1R003	Nuwejaarspruit River @ New Years Drift West				33:18:12	26:06:45	P10B	533	Nuwejaars Dam		
FSL Parameters	Gauge Plate (m) 15.07 15.07	Reduced Level (m) 300.46 300.46	Surface area (ha) 0.00 97.70	Net capacity (mill m**3) 0.00 4.56	Gross capacity (mill m**3) 0.00 4.62		1978-04-26 1981-10-01	Original Basin survey			
Data							Data Period				
	10.00	Rainfall	(mm.)				2004-08-24	2025-01-23	1% missing		
	10.70	Rainfall	(mm.)	Tipping Bucket			2004-08-24	2025-01-23			
	100.00	Level	(Metres)				1978-04-26	2025-01-23			
Components							Component	Period			
	P1H004	Pipeline from Nuwejaars Dam @ New Years Drift West					1978-06-01				
P3R001	Palmiet River @ Howisonpoort Dam				33:23:15	26:29:15	P30A	33	Howisonpoort Dam		
FSL Parameters	Gauge Plate (m) 13.72	Reduced Level (m) 333.76	Surface area (ha) 0.00	Net capacity (mill m**3) 0.00	Gross capacity (mill m**3) 0.00		1966-12-01	Original			



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P3R001	(continued)										
Data	100.00	Level	(Metres)					Data Period 1966-12-01 1982-12-01	1% missing		
Components	P3E001	Thomas Baines Natres @ Howinsonspoort	Dam					Component Period 1966-12-01 1982-10-29			
P3R002	Kariega River @ Newingreen (Settlers Dam)				33:24:42	26:30:35	P30A	176	Settlers Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	13.42	288.65	0.00	0.00	0.00			1966-12-01 Original			
Data	100.00	Level	(Metres)					Data Period 1966-12-01 1982-12-01	24% missing		
Q1R001	Groot Brak River @ Klipheuveld (Grassridge Dam)				31:46:04	25:27:58	Q13A	4326	Grassridge Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	14.02	1056.89	1407.59	76.09	77.00			1924-02-09 Original			
	14.97	1057.84	1526.99	90.09	91.00			1948-10-01 Raised			
	14.96	1057.84	1526.99	90.09	91.00			1976-09-14 A01 - New plates installed			
	14.96	1057.84	1420.49	53.69	53.69			1979-10-01 Basin survey			
	14.96	1057.84	1382.23	49.47	49.47			1983-10-01 Basin survey			
	14.96	1057.84	1414.82	46.10	46.10			1998-10-01 Basin survey			
	14.96	1057.84	1417.96	44.49	44.49			2012-11-01 Basin survey			
Data	10.00	Rainfall	(mm.)					Data Period 2004-07-01 2023-11-23			
	10.70	Rainfall	(mm.)	Tipping Bucket				2004-07-01 2023-11-23			
	100.00	Level	(Metres)					1924-02-09 2023-11-23			
	138.00	Valve Dis.	(Cumecs)					1925-06-18 1937-02-04	86% missing		
Components	Q1H020	Right Canal from Grassridge Dam @ Klipheuveld						Component Period 1925-04-30 1925-12-01			
	Q1H023	Great-Brak River @ Klipheuveld						1925-12-01 1934-01-01			
	Q1E001	Klipheuveld @ Grassridge Dam						1926-01-01			
	Q1H019	Left Canal from Grassridge Dam @ Klipheuveld						1985-05-09			
	Q1H021	Left Canal from Grassridge Dam @ Klipheuveld						1985-05-09			
	Q1H022	Left Outlet to Great Brak River @ Klipheuveld						1985-06-21			
Q4R001	Tarka River @ Vrischgewaagd (Lake Arthur Dam)				32:13:34	25:49:08	Q44B	4497	Lake Arthur Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	0.00	0.00	0.00	0.00	0.00			1925-02-09 Basin survey			
	23.33	894.96	847.90	75.76	75.90			1925-04-01 Original			
	23.33	894.96	846.10	69.85	69.85			1927-10-01 Basin survey			
	23.33	894.96	845.80	60.40	60.40			1930-10-01 Basin survey			
	23.33	894.96	829.60	44.74	44.74			1934-10-01 Basin survey			



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	8
Q4R001	(continued)										
	25.16	896.79	978.58	61.15	61.15	1939-01-01	Gates installed				
	25.16	896.79	827.61	36.51	36.51	1945-10-01	Basin survey				
	26.07	897.70	946.00	40.50	40.50	1945-12-01	Raised				
	26.07	897.70	930.50	35.98	35.98	1950-10-01	Basin survey				
	26.07	897.70	865.00	30.46	30.46	1964-10-01	Basin survey				
	26.07	897.70	880.60	30.80	30.80	1970-10-01	Basin survey				
	26.07	897.70	886.70	29.25	29.25	1985-10-01	Basin survey				
	23.30	894.93	523.38	10.33	10.33	1987-01-01	Adjusted				
	23.29	894.90	535.23	11.29	11.29	2018-01-01	Basin survey				
Data							Data Period				
	100.00	Level (Metres)					1925-02-09	1997-04-02			
	215.00	Tot Gates' Vol(Ml)	Gate Discharge	Volume			1938-12-31	1974-03-02			
Components							Component Period				
	0098793	Elandsdrift					1925-04-01	1926-01-31			
	Q4H008	Tarka River @ Vrischgewaagd					1925-04-01	1996-11-01			
	Q4E001	Vrischgewaagd @ Lake Arthur Dam					1926-02-01	1996-11-01			
	Q4H006	Canal from Lake Arthur @ Vrischgewaagd					1959-08-03	1996-11-01			
	Q4H007	Right Canal from Lake Arthur @ Vrischgewaagd					1959-08-03	1996-11-01			
Q4R002	Tarka River @ Kommandodrift (Kommandodrift Dam)				32:06:31	26:02:31	Q41D	3623	Kommandodrift Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	42.37	1017.70	890.98	70.56	73.48	1956-01-01	Original				
	42.37	1017.70	892.80	69.14	69.89	1961-10-01	Basin survey				
	42.37	1017.70	892.80	67.95	68.06	1965-10-01	Basin survey				
	42.37	1017.70	892.80	66.03	66.03	1969-10-01	Basin survey				
	17.22	1017.70	880.88	59.98	59.98	1978-11-08	A01 - Adjusted				
	17.22	1017.70	878.40	58.72	58.72	1980-10-01	Basin survey				
	17.22	1017.70	877.38	58.69	58.69	1985-06-01	Basin survey				
	17.22	1017.70	880.17	57.99	57.99	1999-10-01	Basin survey				
	17.22	1017.70	874.65	55.87	55.87	2011-08-01	Basin survey				
	17.22	1017.70	874.60	55.95	55.95	2023-10-01	Basin survey				
Data							Data Period				
	10.00	Rainfall (mm.)					2004-10-18	2024-11-29			
	10.70	Rainfall (mm.)	Tipping Bucket				2004-10-18	2024-11-29			
	100.00	Level (Metres)					1956-03-01	2024-11-29	3% missing		
Components							Component Period				
	Q4E001	Vrischgewaagd @ Lake Arthur Dam					1956-01-01	1978-11-22			
	Q4H009	Main Canal from Kommandodrift Dam @ Kommandodrift					1956-01-01				
	0099102	Hartbeesleegte					1957-01-01	1978-11-22			
	Q4H011	Irrigation Canal @ Kommandodrift					1958-04-10				
	Q4H010	Return Flow Canal to River @ Kommandodrift					1978-11-08				
	Q4E002	Almondsfontein @ Kommandodrift Dam					1978-11-23				
Q5R001	Great Fish River @ Elandsdrift (Elandsdrift Dam)				32:31:48	25:45:22	Q50A	16854	Elandsdrift Dam		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	9
Q5R001	(continued)										
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	11.36	742.19	244.92	11.84	12.21		1976-08-04		Original		
	11.36	742.19	243.84	9.76	9.76		1981-10-01		Basin survey		
	11.36	742.19	231.93	7.02	7.02		1993-10-01		Basin survey		
	11.36	742.19	222.90	4.66	4.66		2003-10-01		Basin survey		
	11.36	742.19	223.17	3.55	3.55		2009-03-01		Basin survey		
	11.36	742.19	223.17	3.55	3.55		2017-10-01		Basin survey		
Data					Data Period						
	10.00	Rainfall (mm.)			2005-07-11		2025-01-07		6% missing		
	10.70	Rainfall (mm.)	Tipping Bucket		2005-07-11		2025-01-07				
	100.00	Level (Metres)			1976-08-04		2025-01-07		26% missing		
	215.00	Tot Gates' Vol(Ml)	Gate Discharge Volume		1977-06-30		1983-12-01		2% missing		
Components					Component Period						
	0076215	Oukraal			1977-01-25		1988-06-01				
	Q5H003	Sluice to River (Left) @ Elandsdrift			1977-01-25		1990-11-01				
	Q8E001	Somerset-East @ Power Station			1977-01-25		1977-08-23				
	Q5H006	Left Canal from Dam @ Elandsdrift			1977-01-26						
	Q5E001	Elandsdrift @ Elandsdrift Dam			1977-08-24						
Q8R001	Little Fish River @ Mist Kraal (De Mistkraal Dam)				32:58:02	25:40:17	Q80E	1868	De Mistkraal Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	5.97	550.96	78.72	3.07	4.07		1987-10-01		Original		
	5.97	550.96	75.09	2.46	2.68		2002-10-01		Basin survey		
	5.97	550.96	74.50	2.05	2.05		2012-05-01		Basin survey		
Data					Data Period						
	10.00	Rainfall (mm.)			2012-11-28		2025-01-08				
	10.70	Rainfall (mm.)	Tipping Bucket		2012-11-28		2025-01-08				
	100.00	Level (Metres)			1987-10-06		2025-01-08				
	138.00	Valve Dis. (Cumecs)			1987-10-01		2025-04-01				
	215.00	Tot Gates' Vol(Ml)	Gate Discharge Volume		1990-09-30		2025-04-01				
Components					Component Period						
	Q8H013	Left Canal from Dam @ Mist Kraal			1987-10-01						
	Q8E002	Mist Kraal @ De Mist Kraal Dam			1987-10-09						
	Q8H006	Little Fish River @ Wellington-Grove			2008-06-01						
Q9R001	Kat River @ Weltevreden				32:34:19	26:45:29	Q94A	265	Katrivier Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	42.09	749.95	215.25	26.67	26.97		1970-04-27		Original		
	42.09	749.95	214.78	25.35	25.39		1981-10-01		Basin survey		
	42.09	749.95	214.00	25.19	25.24		1988-10-01		Basin survey		
	42.09	749.95	214.37	25.01	25.02		1993-10-01		Basin survey		



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Q9R001	(continued)									
	42.09	749.95	212.93	24.68	24.69		2003-10-01	Basin survey		
	42.09	749.95	212.51	24.84	24.85		2013-03-01	Basin survey		
Data										
	10.00	Rainfall	(mm.)							
	10.70	Rainfall	(mm.)	Tipping Bucket			2006-02-13	2025-01-14	3% missing	
	100.00	Level	(Metres)				2010-01-01	2025-01-14		
							1970-08-29	2025-01-14		
Components										
	Q9E001	Weltevreden @ Kat River Dam					1970-08-29			
	Q9H026	Kat River @ Weltevreden					1970-08-29			
	Q9H027	Pipeline from Kat River Dam @ Weltevreden					1982-05-20	1991-02-15		
	Q9H028	Pipeline to Treatment Works @ Weltevreden					1991-01-25			
Q9R002	Brak River @ Glen Melville Dam				33:11:42	26:39:17	Q93B	57	Glen Melville Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.83	224.95	76.52	6.41	6.44		1992-01-01	Original		
	18.83	224.95	77.17	6.23	6.23		2009-05-01	First sediment survey		
Data										
	10.00	Rainfall	(mm.)							
	10.70	Rainfall	(mm.)	Tipping Bucket			2006-06-21	2025-01-23		
	100.00	Level	(Metres)				2006-06-21	2025-01-23		
							2006-05-03	2025-01-23		
R1R001	Keiskamma River @ Lower Ngqumeya (Sandile Dam)				32:43:07	27:06:21	R10B	353	Sandile Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	37.97	582.43	191.77	29.66	31.28		1985-10-01	Basin survey		
Data										
	10.00	Rainfall	(mm.)							
	10.70	Rainfall	(mm.)	Tipping Bucket			2004-11-10	2023-11-06	9% missing	
	100.00	Level	(Metres)				2004-11-10	2023-11-06		
							1985-10-01	2025-02-13		
Components										
	R1H017	Keiskamma River @ Lower Mcqumeya					1982-03-08			
	R1H019	Pipeline from Sandile Dam @ Lower Ngqumeya					1984-01-30			
	R1E003	Lower Ngqumeya @ Sandile Dam					1985-10-01			
R1R002	Cata River @ Keiskammahoek Commonage (Cata Dam)				32:37:51	27:07:01	R10B	57	Cata Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	34.02	767.00	86.21	12.18	12.19		2000-10-01	Basin survey		
	34.02	767.00	87.46	12.08	12.09		2014-06-20	Basin survey		



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R1R003	Tyume River @ Yantola Tyume Valley (Binfield Dam)				32:41:39	26:54:20	R10F	131	Binfield Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	25.88	655.09	262.62	36.83	39.18		1988-01-18	Basin	survey		
	25.88	655.09	262.62	36.83	39.18		2003-10-11	Basin	survey		
Data					Data Period						
	10.00	Rainfall	(mm.)	Tipping Bucket	2008-06-04		2021-09-09	10%	missing		
	10.70	Rainfall	(mm.)		2008-06-04		2021-09-09	2%	missing		
	100.00	Level	(Metres)		1988-01-18		2025-01-13	2%	missing		
R1R004	uMnyama River @ Mnyameni Dam				32:36:09	27:03:55	R10B	20	Mnyameni Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	18.00	909.58	18.55	1.82	1.84		2014-10-01	Basin	survey		
Data					Data Period						
	100.00	Level	(Metres)		2021-05-13		2021-05-13				
R1R005	Debe River @ Debe Dam				32:51:46	27:01:52	R10E	67	Debe Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	23.78	487.25	92.79	6.33	6.33		2005-09-01	Basin	survey		
R2R001	Buffalo River @ Tshabo Location (Laing Dam)				32:58:08	27:29:36	R20E	914	Laing Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	27.36	296.51	96.24	7.63	8.39		1949-05-01	Temporary	fsl		
	26.70	295.85	92.93	7.01	7.76		1949-11-25	Temporary	fsl		
	34.44	303.59	160.49	16.45	17.21		1950-05-18	Temporary	fsl		
	37.49	306.64	204.20	21.99	22.74		1950-10-01	Original			
	35.82	304.97	179.80	18.78	19.54		1976-02-09	Temporary	fsl		
	37.49	306.64	204.20	21.99	22.74		1976-04-07	Adjusted			
	25.10	306.64	204.20	21.99	22.74		1979-04-23	A01 - Adjusted			
	25.10	306.64	204.20	20.84	21.04		1981-10-01	Basin	survey		
	25.10	306.64	203.80	19.83	19.86		1993-10-01	Basin	survey		
	25.10	306.64	204.43	18.90	18.91		2008-12-01	Basin	survey		
Data					Data Period						
	10.00	Rainfall	(mm.)	Tipping Bucket	2005-04-18		2024-09-16	2%	missing		
	10.70	Rainfall	(mm.)		2005-04-18		2024-09-16				
	100.00	Level	(Metres)		1949-05-01		2024-09-16				
	138.00	Valve Dis.	(Cumeecs)		1993-12-16		2025-03-01				
	138.01	Valve Dis.	(Cumeecs)		1993-12-16		2025-03-01				
	149.00	Combined	(cumeecs)		1949-10-01		1980-10-01				



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R2R001	(continued)									
Components							Component Period			
	R2E002	Tshabo Location @ Laing Dam					1949-05-01			
	R2H017	Pipeline to Treatment Works @ Tshabo Location					1968-11-01			
R2R002	Buffalo River @ Quesha's Dam (Rooikrans Dam)				32:45:19	27:19:33	R20A	51	Rooikrans Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.59	506.27	66.23	4.07	4.30		1951-07-01	Basin survey		
	11.42	506.27	66.23	4.07	4.30		1952-01-01	A01 - Adjusted		
	12.67	507.52	75.77	4.96	5.18		1969-03-01	Raised		
	12.67	507.52	75.77	4.91	5.04		1981-09-01	Basin survey		
	12.67	507.51	76.30	4.80	4.93		2011-07-01	Basin survey		
Data							Data Period			
	10.00	Rainfall (mm.)					2006-03-16	2024-01-15	10% missing	
	10.70	Rainfall (mm.)	Tipping Bucket				2006-03-16	2024-01-15	8% missing	
	100.00	Level (Metres)					1951-07-01	2025-01-27		
Components							Component Period			
	0079647	Izeli					1951-07-01	1962-11-30		
	S6E001	Frachet @ Dohne					1951-07-07	1962-11-30		
	R2H019	Canal to Trout-Farmer @ Quesha's Dam					1951-07-26	1973-01-17		
	R2H020	Right Main Pipeline from Rooikrantzdam @ Quesha's Dam					1951-08-24			
	R2H022	Pipeline to Goodhope Textiles @ Quesha's Dam					1953-10-31			
	R2H023	Pipeline to Zwetitsha @ Quesha's Dam					1953-10-31	1978-04-20		
	R2H026	Pipeline to Middle Reservoir @ Quesha's Dam					1954-01-31	1986-09-30		
	R2H021	Pipeline to Beacon Hill @ Quesha's Dam					1956-10-01	1969-07-31		
	R2E003	Tyusha @ Rooikrans Dam (Quesha's Dam)					1962-12-01			
	R2H024	Pipeline to Trout Farm @ Quesha's Dam					1973-01-17	1981-05-01		
R2R003	Buffalo River @ Mdantsane (Bridle Drift Dam)				32:59:22	27:43:51	R20F	1176	Bridle Drift Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	46.99	146.96	628.24	77.57	77.63		1968-09-01	Original		
	46.99	146.96	624.18	72.94	72.94		1981-10-01	Basin survey		
	51.09	151.06	747.48	101.06	101.06		1984-10-01	Raised		
	51.09	151.06	753.84	97.92	97.92		2005-03-01	Basin survey		
Data							Data Period			
	10.00	Rainfall (mm.)					2005-01-25	2025-01-30	5% missing	
	10.70	Rainfall (mm.)	Tipping Bucket				2005-01-25	2025-01-30	13% missing	
	100.00	Level (Metres)					1968-09-01	2025-01-30	2% missing	
	138.00	Valve Dis. (Cumeecs)					1988-03-07	2002-12-31		
	138.70	Valve Dis. (Cumeecs)					1988-03-07	2001-09-01		
	149.00	Combined (cumeecs)					1968-09-01	1992-01-31	8% missing	



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R2R003	(continued)									
Components							Component	Period		
	R2H018	Pipeline from Bridle Drift Dam @ Mdantsane					1968-09-01			
	R3E001	Farm 305 @ Nahoon Dam					1968-09-01	1994-10-02		
	R2E004	Bridle Drift Dam					1994-10-02			
R3R001	Nahoon River @ Farm 305 (Nahoon Dam)				32:54:35	27:48:40	R30E	475	Nahoon Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.44	153.91	81.60	5.70	5.73		1966-06-01	Basin survey		
	29.12	164.59	238.57	21.97	21.99		1980-05-01	Raised		
	29.41	164.59	238.57	21.97	21.99		1981-01-25	A01 - Adjusted		
	29.41	164.59	237.73	20.78	20.78		1981-10-01	Basin survey		
	29.41	164.59	237.55	19.93	19.93		1992-10-01	Basin survey		
	29.41	164.59	234.61	19.24	19.24		2003-10-01	Basin survey		
	29.41	164.59	235.64	19.26	19.26		2016-04-01	Basin survey		
Data							Data Period			
	10.00	Rainfall (mm.)					2003-08-20	2025-01-28		
	10.70	Rainfall (mm.)	Tipping Bucket				2003-08-20	2025-01-28		
	100.00	Level (Metres)					1966-06-06	2025-01-30		
Components							Component	Period		
	0080569	Umzoniana					1966-06-06			
	R2E002	Tshabo Location @ Laing Dam					1966-06-06	1967-05-31		
	R3H003	Nahoon River @ Farm 305					1966-06-06			
	R3H004	Pipeline from Dam to Treatment Works @ Farm 305					1966-06-06			
	R3E001	Farm 305 @ Nahoon Dam					1967-06-01			
S1R001	White Kei River @ Kundulu				31:50:17	27:10:54	S10E	1450	Xonxa Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	17.00	931.48	1388.00	136.52	157.57		1972-04-01	Original		
	17.00	931.48	1334.90	129.41	142.92		1982-10-01	Basin survey		
	17.00	931.48	1313.20	125.90	135.08		1986-10-01	Basin survey		
	17.00	931.48	1288.10	115.86	121.10		2002-10-01	Basin survey		
Data							Data Period			
	10.00	Rainfall (mm.)					2004-10-21	2020-01-28		
	10.70	Rainfall (mm.)	Tipping Bucket				2004-10-21	2020-01-28		
	100.00	Level (Metres)					1998-06-01	2025-01-15	3% missing	
Components							Component	Period		
	S1E001	Kundulu @ Xonxa Dam					1984-05-01			
	S1H004	White Kei River @ Cacadu					2003-05-15			
S1R002	Cacadu River @ Macubeni				31:34:47	27:10:41	S10F	210	Macubeni Dam	



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S1R002	(continued)									
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	10.40	1310.15	74.13	3.37	3.37		2002-10-01		Basin survey	
S2R001	Indwe River @ Mutote Farm (Lubisi Dam)				31:47:45	27:25:49	S20C	1300	Lubisi Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	35.77	1017.42	1128.60	158.00	158.23		1965-11-07		Basin survey	
	35.77	1017.34	1008.21	113.52	113.52		2001-05-01		Basin survey	
Data									Data Period	
	10.00	Rainfall (mm.)					2007-01-31	2024-11-06	8% missing	
	10.70	Rainfall (mm.)	Tipping Bucket				2007-01-31	2024-11-06		
	100.00	Level (Metres)					1968-11-07	2024-11-06		
Components									Component Period	
	S2E001	Nqele Farm @ Lubisi Dam					1968-11-07			
	S2H005	Indwe River @ Mutote Farm					1968-11-07			
S2R002	Doorn River @ Indwe (Doornrivier Dam)				31:30:45	27:20:03	S20A	295	Doornrivier Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	10.69	1252.68	373.43	21.86	23.56		1970-12-01		Original	
	10.69	1252.68	366.83	19.62	19.63		1984-05-01		Basin survey	
	10.69	1252.68	359.25	17.95	17.95		1998-11-01		Basin survey	
	10.69	1252.68	346.53	17.10	17.10		2010-09-01		Basin survey	
Data									Data Period	
	10.00	Rainfall (mm.)					2004-10-21	2025-01-23		
	10.70	Rainfall (mm.)	Tipping Bucket				2004-10-21	2025-01-23		
	100.00	Level (Metres)					1970-12-01	2025-01-23		
Components									Component Period	
	S2E001	Nqele Farm @ Lubisi Dam					1970-12-01	1971-02-28		
	S2H006	Doorn River @ Indwe					1970-12-07			
	S2E002	Indwe @ Doorn River Dam					1971-03-01			
	S2H007	Pipeline to Indwe @ Indwe					1971-12-01			
	S2H008	Pipeline to Dam Site @ Indwe					1985-05-01			
S3R001	Klipplaat River @ Waterdown Lange Draai-Waterdown Dam				32:17:07	26:51:33	S32E	595	Waterdown Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	27.46	1170.64	260.83	37.52	38.60		1957-02-06		Original	
	27.46	1170.64	260.81	37.31	38.39		1988-10-01		Basin survey	
	27.46	1170.64	263.19	37.44	38.45		2008-10-01		Basin survey	



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Station						Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 15
S3R001	(continued)										
Data									Data Period		
	10.00	Rainfall	(mm.)						2004-12-01	2025-01-16	2% missing
	10.70	Rainfall	(mm.)	Tipping	Bucket				2004-12-01	2025-01-16	
	100.00	Level	(Metres)						1957-02-10	2025-01-16	
Components									Component Period		
	0100617	Waterdown	Dam						1957-02-06		
	S3H010	Klipplaat	River @ Waterdown						1957-02-06		
	S3E001	Waterdown	@ Waterdown Dam						1958-12-01		
	S3H011	Pipeline	from Waterdown Dam @ Lange Draai						1960-10-01		
S3R002	Bonkolo River @ Transkei (Bonkolo Dam)					31:52:38	26:54:55	S31F	114	Bonkolo Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	21.12	1137.82	0.00	0.00	0.00			1980-01-23			
	21.12	1137.82	139.60	6.94	6.94			2011-08-01	Basin	survey	
S3R003	Oskraal River @ Oskraal Kamastone (Oskraal Dam)					32:12:19	26:45:39	S32F	391	Oskraal Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	18.97	1127.00	213.10	15.68	15.68			1989-08-07	Basin	survey	
	18.97	1127.00	222.34	14.83	14.83			2012-07-01	Basin	survey	
Data									Data Period		
	10.00	Rainfall	(mm.)						2005-01-25	2023-03-29	3% missing
	10.70	Rainfall	(mm.)	Tipping	Bucket				2005-01-25	2023-03-29	
	100.00	Level	(Metres)						1989-11-09	2025-01-20	
Components									Component Period		
	S3H012	Oskraal	River @ Oskraal Kamastone						1989-08-07		
S3R004	Glen Brock Dam					32:03:26	26:31:03	S32C	21	Glen Brock Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	19.07	1335.73	14.74	0.89	0.89			2014-12-01	Basin	survey	
S3R005	Oskraal River @ Bushmanskrantz Dam					32:20:45	26:40:59	S32F	74	Boesmanskrantz Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	16.99	1310.00	57.42	4.93	5.28			1999-12-01	Basin	survey	
	16.99	1310.00	57.49	4.82	5.10			2012-10-01	Basin	survey	



Station		Latitude dd:mm:ss		Longitude dd:mm:ss		Drainage Region	Catchment Area km**2	Description	Page 16
S5R001 Tsomo River @ Famini Loc (Ncora Dam)		31:47:10		27:40:40		S50E	1173	Ncora Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity				
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)				
	29.98	1029.89	1409.37	162.34	162.34	1976-02-01		Original	
	29.98	1029.89	1396.23	154.48	154.48	1988-05-01		Basin survey	
	29.98	1029.89	1392.27	150.05	150.05	1999-05-01		Basin survey	
	29.98	1029.89	1392.02	147.28	147.28	2010-10-01		Basin survey	
	29.98	1029.89	1374.55	144.85	144.85	2022-10-01		Basin survey	
Data						Data Period			
	10.00	Rainfall (mm.)				2003-04-15	2024-07-22	3% missing	
	10.70	Rainfall (mm.)				2003-04-15	2024-07-22		
	100.00	Level (Metres)	Tipping Bucket			1998-12-30	2024-09-03	1% missing	
Components						Component Period			
	S5H004	Tsomo River @ Famini Loc				1976-03-02	1982-07-06		
	T1H011	Qumanco @ Damane				2003-12-09			
	T1H012	Irrigation Canal from Ncora Dam @ Damane				2004-03-29			
S5R002 Tsojana River @ Ncuncuzo Loc (Tsojana Dam)		31:53:18		27:38:20		S50F	86	Tsojana Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity				
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)				
	0.00	0.00	0.00	0.00	0.00	1977-08-01			
	12.04	1089.80	202.28	12.27	12.27	2003-06-01		Basin survey	
	8.16	1089.80	202.28	12.27	12.27	2012-04-23		Dam was refurbished and the old lowest outfall	
S6R001 Gubu River @ Farm 253 (Gubu Dam)		32:36:35		27:16:43		S60A	23	Gubu Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity				
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)				
	15.51	1013.41	108.37	8.64	8.97	1970-08-26		Original	
	15.51	1013.41	108.49	8.58	8.90	1981-10-01		Basin survey	
	15.51	1013.41	108.37	8.49	8.78	2001-10-01		Basin survey	
	15.51	1013.41	108.33	8.52	8.82	2019-04-01		Basin survey	
Data						Data Period			
	100.00	Level (Metres)				1970-08-26	2025-01-20		
Components						Component Period			
	0079485	Kubusie State Forest				1970-08-26			
	S6E002	Farm 253 @ Gubu Dam				1970-08-26			
	S6H004	Gubu River @ Farm 253				1971-09-22			
S6R002 Kubisi River @ Wriggleswade (Wriggleswade Dam)		32:34:42		27:33:32		S60A	455	Wriggleswade Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity				
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)				
	19.97	716.99	1000.00	91.76	93.61	1991-01-01		Basin survey	
	19.97	716.99	1000.00	91.47	93.20	1998-10-01		Basin survey	



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Station						Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 17
S6R002	(continued)										
Data									Data Period		
	10.00	Rainfall	(mm.)						2004-11-10	2025-01-22	10% missing
	10.70	Rainfall	(mm.)	Tipping	Bucket				2004-11-10	2025-01-22	
	100.00	Level	(Metres)						1991-01-26	2025-01-22	1% missing
Components									Component Period		
	S6E003	Amatola @ Wriggleswade	Dam						1986-11-01		
	R2H025	Cnl from Wriggleswade	Dam Furrow Yellowwoods @ Kei Road						1990-10-01		
	R3H005	Cnl from Wriggleswade	Dam Furr.Nahoon 0/Let @ Kei Road						1990-10-01		
	R3H006	Tunnel from Wriggleswade	Dam @ Farm 22						1990-10-01		
	S6H005	Kubisi River @ Wriggleswade							1990-10-01		
S7R001	Gcuwa River @ Butterworth (Gcuwa Dam)					32:19:11	28:08:06	S70D	715	Gcuwa Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	6.47	548.00	40.35	0.90	0.90				1979-11-01	Basin survey	
	6.38	547.91	37.91	0.60	0.60				2010-04-01	Basin survey	
	6.46	547.91	36.20	0.42	0.42				2016-06-01	Basin survey	
	6.46	547.91	38.37	0.43	0.43				2020-10-01	Received 2020 survey from Hein Lodewyk vi	
	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00				S7R001		
	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00				Date- -		
	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00				1979	1-1-	
	0.00	0.00	0.00	0.00	0.00				2010	0-4-	
	0.00	0.00	0.00	0.00	0.00				2016	0-6-	
	0.00	0.00	0.00	0.00	0.00				2020	1-0-	
	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00						
	0.00	0.00	0.00	0.00	0.00						
Data									Data Period		
	10.00	Rainfall	(mm.)						2007-09-04	2025-01-20	20% missing
	10.70	Rainfall	(mm.)	Tipping	Bucket				2007-09-04	2025-01-20	
	100.00	Level	(Metres)						1979-11-01	2025-01-20	1% missing
Components									Component Period		
	S7H001	Gcuwa River @ Butterworth							1973-02-01		
	S7E001	Butterworth @ Gcuwa Dam							1984-05-01		
	S7H005	Pipeline to Purification Works @ Butterworth							1994-07-29		
S7R002	Xilinx River @ Sihlabeni 3 Hlabeni (Xilinx Dam)					32:08:32	28:05:58	S70C	205	Xilinx Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	9.50	795.02	273.80	14.52	16.03				1984-06-01	Basin survey	
	9.50	795.02	264.65	13.82	14.83				2009-02-01	Basin survey	



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	18
S7R002	(continued)										
Data					Data Period						
	10.00	Rainfall	(mm.)	Tipping Bucket	2007-04-04		2025-01-20	7% missing			
	10.70	Rainfall	(mm.)		2007-04-04		2025-01-20	2% missing			
	100.00	Level	(Metres)		1984-06-01		2025-01-20				
Components					Component Period						
	S7E002	Ngamakwe @ Xilinx Dam				2001-01-01					
	S7H007	Pipeline to Purification Works @ Xilinx Dam				2003-04-01					
	S7H006	Canal from Xilinx Dam - Right				2003-06-03					
S7R003	Toleni River @ Transkei (Toleni Dam)				32:22:26	27:58:41	S70B	13	Toleni Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	5.85	665.35	7.20	0.21	0.21		1996-10-01	Basin	survey		
	5.47	665.61	7.59	0.18	0.18		2010-05-01	Basin	survey		
T2R001	Mtata River @ Umtata				31:33:04	28:44:28	T20B	888	Umtata Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	29.97	692.94	2544.16	252.35	258.66		1977-09-01	From	Mainframe		
	29.97	692.94	2544.16	251.62	257.48		1987-06-01	Basin	survey		
	29.97	692.94	2543.06	248.48	254.07		1998-05-01	Basin	survey		
	29.98	692.93	2539.48	244.67	249.71		2010-10-01	Basin	survey		
Data					Data Period						
	10.00	Rainfall	(mm.)	Tipping Bucket	2006-07-24		2024-07-15				
	10.70	Rainfall	(mm.)		2006-07-24		2024-07-15				
	100.00	Level	(Metres)		1978-06-19		2024-07-15				
Components					Component Period						
	T2H002	Mtata River @ Norwood				1978-06-19		2002-05-14			
	T2E003	Roodeheuveld @ Mtata Dam				1980-07-09					
	T2H008	Mtata River @ Umtata				2002-05-14					
	T2H009	Pipeline to Purification Works @ Umtata				2003-01-02					
T2R002	Mhlahlane River @ Gqogqora				31:26:48	28:33:45	T20A	10	Mabeleni Dam		
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity						
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)						
	7.68	870.76	0.00	0.00	0.00		1976-09-01	Original			
	7.68	870.76	52.10	2.10	2.10		1999-10-01	Basin	survey		
Data					Data Period						
	100.00	Level	(Metres)		1992-08-08		1995-12-01	17% missing			



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 19
T2R003	Corana River @ Corana				31:26:15	28:52:27	T20D	5	Corana Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	965.20	965.20	0.00	0.00	0.00		1977-07-01	Original		
	9.03	963.12	14.75	0.75	0.94		1997-11-01	Basin survey		
	9.03	963.12	15.04	0.73	0.88		2012-01-01	Basin survey		
Data							Data Period			
	100.00	Level	(Metres)				1983-08-12	1999-01-29	6% missing	
Components							Component Period			
	T2E004	Libode	@ Corana Dam				1984-03-12	1999-07-01		
T3R001	Mafube River @ Padock				30:09:42	28:43:16	T33A	25	Belfort Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	10.85	1570.73	11.80	0.41	0.42		2000-09-01	Basin survey		
Components							Component Period			
	T3E004	Padock	@ Belfort Dam				1992-10-03	1995-04-01		
T3R002	Ntshongweni River @ Majola				31:30:11	29:20:06	T36B	2	Majola Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	5.75	644.72	8.60	0.34	0.40		1998-10-01	Basin survey		
T3R003	Ntenetyana River @ Ntenetyana				30:46:50	28:56:28	T33G	16	Ntenetyana Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	15.99	1248.39	26.83	1.51	1.51		2004-05-25	Basin survey		
	15.99	1248.39	27.10	1.61	1.61		2012-01-01	Basin survey		
T3R004	Nqadu River @ Nqadu Forest Res.				31:24:18	28:45:37	T35K	4	Nqadu Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	8.96	1085.10	23.48	1.27	1.36		2000-03-01	Basin survey		
T6R001	Mkozi River @ Magwa Dam				31:21:57	29:39:16	T60H	6	Magwa Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	5.48	533.03	27.73	1.06	1.82		2000-04-01	Basin survey		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 20
T6R001 (continued)										
Components							Component	Period		
T6E002 Lusikisiki @ Magwa Dam							1985-02-24	1985-02-24		
T7R001 Mlanga River @ Nyandeni					31:25:55	28:55:43	T70A	14	Mlanga Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	9.99	979.92	26.21	1.60	1.94		2003-10-01	Basin survey		



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Beervlei Dam L3R001	1
Belfort Dam T3R001	19
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Boesmanskrantz Dam S3R005	15
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Bridle Drift Dam R2R003	12
Bulkrivier Dam M1R002	3
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Corana Dam T2R003	19
Darlington Dam N2R001	5
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Debe Dam R1R005	11
Doornrivier Dam S2R002	14
Elandsdrift Dam Q5R001	8
Gcuwa Dam S7R001	17
Glen Brock Dam S3R004	15
Glen Melville Dam Q9R002	10
Grassridge Dam Q1R001	7
Groendal Dam M1R001	3
Gubu Dam S6R001	16
Haarlem Dam L8R002	2
Howisonpoort Dam P3R001	6
Impofu Dam K9R002	1
Jameson Dam P1R001	6
Katrivier Dam Q9R001	9
Kommandodrift Dam Q4R002	8
Kouga Dam L8R001	2
Kromrivier Dam K9R001	1
Laing Dam R2R001	11
Lake Arthur Dam Q4R001	7
Loerie Dam L9R001	3
Lubisi Dam S2R001	14
Mabeleni Dam T2R002	18
Macubeni Dam S1R002	13
Magwa Dam T6R001	19
Majola Dam T3R002	19
Milner Dam P1R002	6
Mlanga Dam T7R001	20
Mnyameni Dam R1R004	11
Nahoon Dam R3R001	13
Ncora Dam S5R001	16
Nqadu Dam T3R004	19
Nqweba Dam N1R001	4
Ntenetyana Dam T3R003	19
Nuwejaars Dam P1R003	6
Oxkraal Dam S3R003	15
Rooskrans Dam R2R002	12
Sand River Dam M1R003	4
Sandile Dam R1R001	10
Settlers Dam P3R002	7
Slagboom Dam N4R001	6
Toleni Dam S7R003	18
Tsojana Dam S5R002	16
Umtata Dam T2R001	18
V. Stadens Dam-Upper M2R001	4
V. Stadens Dam-Lower M2R002	4
Waterdown Dam S3R001	14
Wiggleswade Dam S6R002	16
Xilinxha Dam S7R002	17
Xonxa Dam S1R001	13