

Department of Water and Sanitation

SAFPUB V02 Output 15/11/2020

Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
T4R001	30: 44: 39	29: 44: 47	T40C	146	Ludeke Dam	1
Data						
100.00	Level	(Metres)	2014-09-11	2018-12-05	15% missing	
T5R001						
T5R001	30: 43: 09	30: 09: 04	T52K	427	Gilbert Eyles Dam	
FSL Parameters						
Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)		
9.13	416.51	0.00	0.00	0.00	1960-10-01	
9.13	416.51	25.70	0.34	0.34	1984-10-01	Basin survey
9.13	416.51	25.70	0.34	0.34	1995-05-14	
Data						
100.00	Level	(Metres)	1975-05-27	2020-01-29	3% missing	
Components						
T5H012	Mzi mkhulwana River @ Horseshoe			1960-10-01		
T5E001	Horseshoe @ Gilbert Eyles Dam			1977-11-24		
T5R002						
T5R002	30: 14: 58	29: 32: 13	T51H	14	Singisi @ Singisi	
FSL Parameters						
Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)		
0.00	1436.00	0.00	0.00	0.00	1979-02-01	
Components						
T5E007	Singisi @ Singisi Dam			1985-09-04		
U2R001						
U2R001	29: 29: 42	30: 12: 05	U20C	928	Midmar Dam	
FSL Parameters						
Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)		
9.98	1031.64	809.21	29.64	29.64	1963-10-29	Basin survey
22.24	1043.90	1564.20	177.35	177.35	1964-04-20	
22.24	1043.90	1564.20	177.11	177.11	1983-10-01	Basin survey
22.24	1043.90	1564.30	175.06	175.06	1996-10-01	Basin survey
25.84	1047.50	1793.15	235.42	235.42	2002-12-31	
Data						
100.00	Level	(Metres)	1963-10-29	2020-05-28		
101.00	Cor. Lev.	(Metres)	2016-05-01	2016-08-01		
230.00	Level (m)		2005-11-22	2007-01-23		
230.01	Level (m)	MeteoSat East Coast	2006-03-01	2013-10-29	12% missing	



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
U2R001	(continued)									
Components										
	0239421	Merrivale						Component	Period	
	U2E002	Driefontein @ Cedara						1963-10-01	1964-09-09	
	U2H001	Mgeni River @ Howick						1963-10-29	1964-09-08	
	U2E003	Midmar @ Midmar Dam						1963-10-29	1968-03-10	
	U2H049	Pipeline from Midmar Dam @ Midmar						1964-10-01		
	U2H048	Mgeni River @ Midmar						1967-04-01		
	V2H015	Pipeline to Lions River @ Mearns						1968-03-11		
								1984-01-05		
U2R002	Mgeni River @ Inanda Loc.				29:35:26	30:37:39	U20G	2535	Nagle Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	103.77	403.81	156.10	23.24	24.60		1963-10-01		Basin survey	
Data					Data Period					
	100.00	Level	(Metres)		1980-12-01	2020-01-14				
	230.01	Level (m)		East Coast	2007-10-26	2014-06-25			20% missing	
	230.09	Level (m)		4 Water Cello	2016-08-09	2017-07-06			5% missing	
Components								Component	Period	
	U2E004	Inanda Loc. @ Nagle Dam						1967-08-01	1995-04-30	
	U2H052	Mgeni River @ Inanda Loc.						1969-02-01		
	U2H053	Pipeline from Nagle Dam @ Inanda Loc.						1969-02-01		
	U2E009	Nagle Dam @ Inanda Loc						1991-10-01		
U2R003	Mgeni River @ Albert-Falls				29:25:52	30:25:33	U20E	1653	Albert Falls Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	18.57	652.80	2188.10	218.93	219.92		1975-06-09		Basin survey	
	21.63	655.86	2352.00	288.43	289.41		1976-04-23			
	21.63	655.86	2352.00	288.14	289.12		1983-10-01		Basin survey	
Data					Data Period					
	100.00	Level	(Metres)		1975-06-09	2020-06-16				
	230.00	Level (m)		MeteoSat	2006-01-01	2007-01-24				
	230.01	Level (m)		East Coast	2007-01-24	2013-10-29			5% missing	
Components								Component	Period	
	U2E006	Albert Falls @ Albert Falls Dam						1975-06-09		
	U2H014	Mgeni River @ Albert Falls						1975-06-09		
	U2H021	Crammond Stream @ Crammond						1981-08-20	2000-06-07	
U2R004	Mgeni River @ Inanda Mission Res				29:42:32	30:52:01	U20L	4079	Inanda Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	31.17	147.00	1472.26	245.06	258.63		1989-04-25		Basin survey	
	31.17	147.00	1463.42	241.71	251.65		1990-10-01		Basin survey	



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
U6R001	Mlazi River @ Salem				29: 51: 41	30: 43: 09	U60C	781	Shongweni Dam	4
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	22.45	299.52	0.00	0.00	0.00		1927-01-01			
	22.45	299.52	68.40	5.20	5.20		1987-10-01	Basin survey		
	22.45	299.52	56.90	4.50	4.50		1990-10-01	Basin survey		
Data							Data Period			
	10.50	Rainfall (mm.)	MeteoSat (real time)				2006-09-20	2006-09-20		
	100.00	Level (Metres)					1983-04-29	2019-06-13	13% missing	
	230.00	Level (m)	MeteoSat				2006-01-01	2006-10-10		
	230.01	Level (m)	East Coast				2005-08-19	2013-10-27	34% missing	
Components							Component Period			
	U6E002	Salem @ Shongweni Dam						1976-11-01		
	U6H007	Pipeline from Shongweni Dam @ Salem						1983-05-01		
U7R001	Umgababa River @ Umni ni				30: 08: 53	30: 48: 34	U70E	31	Umgababa Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	9.14	30.48	31.10	1.29	1.29		1961-03-01	Basin survey		
Data							Data Period			
	100.00	Level (Metres)					1961-03-01	2020-01-30	32% missing	
	230.01	Level (m)	East Coast				2008-11-28	2009-06-08	27% missing	
Components							Component Period			
	U7H011	Pipeline from Dam @ Umni ni						1961-03-08		
	U7H010	Umgababa River @ Umni ni						1962-07-23		
U7R002	Nungwana River @ Umbumbulu				30: 00: 26	30: 44: 37	U70D	58	Nungwana Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	16.76	362.71	29.10	2.18	2.28		1977-12-07	Basin survey		
Data							Data Period			
	100.00	Level (Metres)					1977-12-07	1987-03-10		
	230.01	Level (m)	East Coast				2008-06-25	2009-04-07		
Components							Component Period			
	U7H008	Nungwana River @ Umbumbulu						1977-12-27		
	U7H009	Pipeline from Dam @ Umbumbulu						1977-12-27		
	U7E002	Umbumbulu @ Nungwana Dam						1984-01-17		
U8R001	Mzinto River @ Umzinto				30: 18: 41	30: 35: 34	U80H	51	Mzinto Dam	
Data							Data Period			
	100.00	Level (Metres)					1984-07-16	2019-08-13	1% missing	



Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description
V1R001	28: 40: 53	29: 31: 02	V11L	2475	Spi oenkop Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	37.19	1070.48	1543.10	283.22	285.99
	37.12	1070.48	1543.10	283.22	285.99
	37.12	1070.48	1538.00	277.22	279.63
	37.12	1070.48	1531.40	270.64	272.27
Data	100.00	Level (Metres)	East Coast	Data Period	
	230.01	Level (m)	UBUNTU	1971-05-17	2020-10-06
	230.11	Level (m)		2005-08-19	2013-10-29
				2013-10-17	2013-10-29
Components	V1E006	Rhenosterfontein @ Spi oenkop Dam		Component Period	
	V1H059	River Outlet (Sluice) @ Rhenosterfontein		1971-05-17	
	V1H060	Pipeline to Ladysmith @ Rhenosterfontein		1974-01-13	
	V1H057	Tugela River @ Rhenosterfontein		1977-11-01	
				1981-01-09	
V1R002	28: 45: 49	29: 17: 28	V11J	1675	Driel Barrage
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	17.40	1134.00	308.40	15.09	15.33
	17.40	1134.00	304.70	10.44	10.44
	17.40	1134.00	305.10	10.39	10.39
	17.40	1134.00	299.10	8.69	8.69
Data	100.00	Level (Metres)	East Coast	Data Period	
	138.00	Valve Dis. (Cumeecs)		1976-02-10	2020-10-06
	149.00	Combined (cumeecs)		1978-06-01	1985-10-01
	230.01	Level (m)		1978-06-01	1985-09-30
				2006-01-04	2013-10-29
Components	V1E006	Rhenosterfontein @ Spi oenkop Dam		Component Period	
	V1H061	Pipeline to Jagersrust @ Driel 1		1976-01-27	1980-06-08
	V1E008	Eendracht @ Driel Barrage		1976-08-09	1982-05-31
	V1H040	Tuva Canal @ Woodstock		1980-06-09	
	V1H062	Pipeline to Jagersrust @ Driel		1981-12-02	
	V1H047	Tributary of Tugela River @ Driel		1982-06-01	
	V1H058	Tugela River @ Driel		1985-02-26	
				1985-05-30	
V1R003	28: 45: 31	29: 14: 47	V11D	1160	Woodstock Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	39.98	1175.56	2920.56	381.47	381.59
	39.98	1175.56	2919.13	380.71	380.73
	39.98	1175.56	2916.23	373.44	373.45
	39.98	1175.56	2911.63	355.42	355.42



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
V1R003 (continued)						6
Data	100.00 230.01	Level Level (m)	(Metres) East Coast	Data Period 1983-10-31 2005-06-29	2020-10-06 2013-10-29	26% missing
Components	V1E008	Eendracht @ Driel	Barrage	Component Period 1982-03-24		
V1R004	28:35:25	29:06:15	V11C	30	Kilburn Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	55.98	1255.94	194.66	36.03	36.03	1982-01-01 Basin survey
	55.98	1255.94	194.63	35.73	35.73	1985-09-01 Basin survey
	55.98	1255.94	194.66	35.58	35.58	1993-07-01 Basin survey
	55.98	1255.94	194.31	35.56	35.56	2008-05-01 Basin survey
	55.98	1255.94	194.21	35.55	35.55	2017-12-01 Basin survey
V1R005	28:32:31	29:44:41	V12F	1580	Qedusi zi Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	20.20	1042.20	1933.00	127.79	128.00	1997-09-11 Original
Data	100.00 230.00 230.01	Level Level (m) Level (m)	(Metres) MeteoSat East Coast	Data Period 1997-09-11 2005-04-05 2006-01-27	2020-10-19 2014-01-21 2014-01-21	6% missing 75% missing 13% missing
V2R001	29:09:48	30:17:13	V20F	154	Craigie Burn Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)	
	21.33	1304.52	207.40	22.81	23.55	1962-12-01 Basin survey
	21.33	1304.52	207.30	22.69	23.43	1983-10-01 Basin survey
	21.33	1304.52	207.30	22.47	23.07	2002-10-01 Basin survey
Data	100.00	Level	(Metres)	Data Period 1962-12-17	2019-12-06	
Components	0270282	Mistley Estate		Component Period 1962-12-01	1969-07-31	
	V2H017	Lower Outlet from Dam @ Rietvlei		1962-12-01		
	V2H018	Highest Outlet from Dam @ Rietvlei		1962-12-01		
	V7E001	Estcourt		1962-12-01	1969-07-31	
	V2E002	Rietvlei @ Craigie Burn Dam		1969-08-01		
	V2H016	Mnyamvubu River @ Rietvlei		1982-09-08		
	V2H019	Pipeline to Breandown Farms @ Rietvlei		1983-01-15		



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	7
V2R002	Mooi River @ Mearns				29: 14: 47	29: 58: 14	V20D	932	Mearns Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	6.89	1381.89	231.39	5.16	5.16		2002-06-06		Basin survey		
Data	100.00 230.01	Level Level (m)	(Metres)	East Coast			2002-06-06 2006-04-11	2020-06-24 2012-12-10	18% missing		
V2R003	Mooi River @ Spring Grove Dam (Rosetta)				29: 19: 09	29: 57: 56	V20D	340	Spring Grove Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	26.40	1433.50	1021.80	139.20	139.46		2014-02-24		Basin survey		
Data	100.00	Level	(Metres)				2014-03-10	2020-05-18			
V3R001	Ngagane River @ Chelmsford				27: 57: 12	29: 56: 55	V31E	830	Ntshingwayo Dam		
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)						
	13.99 13.99 13.99 18.59 18.59 18.59	1240.51 1240.51 1240.51 1245.11 1245.11 1245.11	1917.40 1917.40 1916.00 3424.72 3439.90 3441.20	78.69 78.69 78.52 197.78 198.38 194.56	78.74 78.74 78.57 197.83 198.44 194.59		1961-08-01 1972-10-01 1979-10-01 1982-12-01 1983-10-01 2001-10-01		Basin survey Basin survey Basin survey Basin survey Basin survey Basin survey		
Data	100.00 149.00 230.01 230.04 230.11	Level Combined Level (m) Level (m) Level (m)	(Metres) (cumecs)	East Coast HYDRAS 3 UBUNTU			1961-08-01 1975-03-01 2005-07-25 2017-11-12 2013-08-05	2020-10-28 1992-06-01 2013-10-29 2020-11-10 2013-10-29	80% missing 20% missing 7% missing		
Components	0370807 V3E001 V3H027 V3H025 V3E002 V3H026	Chelmsford Dam Newcastle Ngagane River @ Chelmsford Eskom Pipeline from Dam @ Chelmsford Chelmsford @ Chelmsford Dam Water Affairs Pipeline from Dam @ Chelmsford					1961-08-01 1961-08-01 1961-08-01 1962-02-15 1964-09-01 1971-05-17		Component Period		
V3R002	Ncandu River @ Newcastle				27: 44: 17	29: 59: 08	V31J	488	Amcor Dam		
Data	100.00 230.01	Level Level (m)	(Metres)	East Coast			1979-04-19 2005-08-19	2020-10-20 2013-10-29	28% missing 20% missing		



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
V3R003	Slang River @ Zaaihoek				27: 26: 22	30: 03: 34	V31A	620	Zaaihoek Dam	8
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	29.50	1729.50	1244.13	184.99	185.29		1987-12-03		Basin survey	
	29.50	1729.50	1233.65	184.55	184.79		2001-10-01		Basin survey	
	29.50	1729.50	1233.07	184.26	184.50		2018-02-01		Basin survey	
Data					Data Period					
	100.00	Level (Metres)			1987-12-20		2020-11-10			
	230.01	Level (m)	East Coast		2007-10-16		2013-10-29		7% missing	
	230.04	Level (m)	HYDRAS 3		2017-11-14		2020-11-10		40% missing	
Components					Component Period					
	V3H029	Pipeline from Dam @ Zaaihoek			1987-12-03					
	V3E005	Zaaihoek @ Zaaihoek Dam			1988-04-12					
	V3H028	Slang River @ Zaaihoek			1988-09-14					
V7R001	Boesmans River @ Wagendrift				29: 02: 31	29: 51: 11	V70C	744	Wagendrift Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	30.46	1179.58	509.60	60.00	60.00		1962-12-04		Basin survey	
	30.46	1179.58	510.30	58.81	58.81		1971-10-01		Basin survey	
	30.46	1179.58	509.10	58.50	58.50		1983-10-01		Basin survey	
	30.46	1179.58	508.40	55.90	55.90		1999-10-01		Basin survey	
Data					Data Period					
	100.00	Level (Metres)			1965-09-15		2020-10-08			
	230.00	Level (m)	MeteoSat		2005-09-01		2008-11-19		70% missing	
	230.01	Level (m)	East Coast		2005-04-05		2013-03-19		28% missing	
Components					Component Period					
	0268631	Estcourt - Agr			1962-12-04		1973-10-31			
	V7E001	Estcourt			1962-12-04		1973-10-31			
	V7H020	Boesmans River @ Wagendrift			1962-12-12					
	V7E003	Wagendrift @ Wagendrift Dam			1973-11-01					
	V7H025	Pipeline from Dam to Estcourt @ Wagendrift			1977-06-01					
	V7H021	Pipeline (Chatwick) @ Wagendrift			1978-04-01					
	V7H022	Pipeline (Parks Board) @ Wagendrift			1978-04-01					
	V7H023	Pipeline from Dam- Basin (Drummond) @ Wagendrift			1978-04-01					
	V7H024	Pipeline from Dam- Basin(Parks Board) @ Wagendrift			1978-04-01					
W1R001	Mhlaluze River @ Mhlaluzi				28: 46: 17	31: 28: 07	W12B	1279	Goedertrouw Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	68.94	214.00	0.00	0.00	0.00		1981-09-03			
	68.94	214.00	1197.40	315.38	315.41		1981-09-04		Basin survey	
	68.94	214.00	1197.40	315.38	315.41		1984-02-01		Basin survey	
	68.94	214.00	1185.90	304.08	304.11		1987-10-01		Basin survey	
	68.94	214.00	1193.90	301.26	301.28		1999-10-01		Basin survey	



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
W1R001	(continued)									
Data								Data Period		
	100.00	Level	(Metres)					1981-09-03	2020-09-25	
	230.00	Level	(m)	MeteoSat				2006-01-01	2006-08-30	
	230.01	Level	(m)	East Coast				2005-08-19	2013-10-29	13% missing
	230.04	Level	(m)	HYDRAS 3				2017-11-12	2020-10-21	7% missing
Components								Component Period		
	W1E010	Eshowe @ Eshowe Dam						1981-09-03	1983-04-14	
	W1H028	Mhlatuze River @ Mhlatuze						1981-09-03		
	W1H030	Right Canal from Dam @ Mhlatuze						1982-11-09		
	W1H029	Left Canal from Dam @ Mhlatuze						1982-12-01		
	W1E011	Lormanshurst @ Goedertrou Dam						1983-04-15		
W1R002	Mlalazi River @ Amatikul u Eshowe				28:52:21	31:27:02	W13A	14	Eshowe Dam	
FSL Parameters	Gauge Plate	Reduced Level	Surface area	Net capacity	Gross capacity					
	(m)	(m)	(ha)	(mill m**3)	(mill m**3)					
	5.75	493.75	0.00	0.00	0.00			1978-11-30		
Data								Data Period		
	100.00	Level	(Metres)					1978-08-29	2018-06-20	3% missing
	230.01	Level	(m)	East Coast				2005-08-19	2016-01-19	33% missing
Components								Component Period		
	W1E010	Eshowe @ Eshowe Dam						1978-11-30		
W1R003	Nsezi Lake @ Empangeni				28:44:50	31:58:45	W12H	0		
Data								Data Period		
	100.00	Level	(Metres)					1987-12-18	2019-10-17	9% missing
	230.01	Level	(m)	East Coast				2007-02-14	2013-10-19	6% missing
W1R004	Msingazi Lake @ Arboretum				28:46:05	32:04:48	W12J	164		
Data								Data Period		
	100.00	Level	(Metres)					1981-06-24	2019-10-17	
	230.00	Level	(m)	MeteoSat				2005-09-01	2007-08-23	11% missing
	230.01	Level	(m)	East Coast				2005-07-01	2013-10-29	17% missing
Components								Component Period		
	W1H011	Msingazi River @ Arboretum						1968-04-12		
	W1E009	Arboretum @ Msingasi Lake						1981-06-24		
W1R005	Lake Chubu				28:50:42	31:57:19	W12F	0		
Data								Data Period		
	100.00	Level	(Metres)					2006-02-01	2018-11-15	16% missing
	230.01	Level	(m)	East Coast				2007-02-14	2012-12-14	6% missing



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page 10
W2R001	Wit Mfolozi River @ Klipfontein				27: 50: 19	30: 48: 56	W21A	340	Klipfontein Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	17.85	1090.00	298.90	18.91	18.99		1983-02-16		Basin survey	
	17.82	1090.00	298.80	18.91	18.97		1984-02-01		Basin survey	
	17.82	1090.00	295.90	18.09	18.09		1999-10-01		Basin survey	
Data										
	100.00	Level	(Metres)				Data Period			
	230.00	Level	(m)	MeteoSat			1983-09-16	2020-02-05		
	230.01	Level	(m)	East Coast			2006-05-01	2006-10-30		
	230.04	Level	(m)	HYDRAS 3			2005-08-19	2014-05-30	19% missing	
	230.09	Level	(m)	4 Water Cello			2018-04-11	2020-06-15	8% missing	
	230.11	Level	(m)	UBUNTU			2016-08-09	2016-09-24	2% missing	
							2013-08-05	2014-08-16	6% missing	
Components										
	W2E003	Vryheid @ Prison					Component Period			
	W2H030	White Mfolozi River @ Klipfontein					1983-02-16	1984-02-01		
	W2E004	Klipfontein @ Klipfontein Dam					1983-08-01			
	W2H031	Pipeline from Dam to Vryheid @ Klipfontein					1984-02-01			
							1993-03-01			
W2R002	ULUNDI WEIR AT WHITE MFOLOZI RIVER				28: 16: 46	31: 20: 26		0		
Data										
	100.00	Level	(Metres)				Data Period			
							2016-07-12	2019-02-01	19% missing	
W3R001	HI uhl uwe Ri ver @ Farm 3/7638				28: 07: 18	32: 10: 46	W32E	723	HI uhl uwe Dam	
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)					
	26.71	80.74	0.00	0.00	0.00		1965-09-05			
	26.71	80.74	363.60	29.66	29.66		1965-09-06		Basin survey	
	26.71	80.74	363.60	29.66	29.66		1977-10-01		Basin survey	
	26.71	80.74	364.20	28.77	28.77		1984-02-01		Basin survey	
	26.71	80.74	362.40	25.89	25.89		1999-10-01		Basin survey	
Data										
	100.00	Level	(Metres)				Data Period			
	230.00	Level	(m)	MeteoSat			1965-09-05	2020-02-05		
	230.01	Level	(m)	East Coast			2005-09-01	2007-02-23	26% missing	
	230.04	Level	(m)	HYDRAS 3			2005-08-19	2014-05-08	16% missing	
	230.09	Level	(m)	4 Water Cello			2017-11-12	2020-02-20	12% missing	
							2013-06-05	2017-08-07	47% missing	
Components										
	W3H022	HI uhl uwe Ri ver @ Farm 3/7638					Component Period			
	W3E003	Farm 3/7638 @ HI uhl uwe Dam					1965-09-05			
	W3H009	Pipeline from Dam @ Farm 3/7638					1966-02-01			
							1973-11-05			
W3R002	St Lucia Lake @ St Lucia				27: 58: 11	32: 22: 58	W32H	0		



Station	Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description
W4R001	27: 25: 08	32: 04: 16	W44E	7800	Pongol apoort Dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	68.24	137.20	13278.78	0.00	2501.20
	68.24	137.20	13278.30	2445.26	2445.26
	68.24	137.20	13272.81	2267.07	2267.07
Data					Data Period
	10.50	Rainfall (mm.)	MeteoSat (real time)		2006-09-20 2006-09-20
	10.51	Rainfall (mm.)	ProDesign GPRS real time		2011-09-02 2011-10-30
	100.00	Level (Metres)			1970-04-14 2020-09-15
	149.00	Combi ned (cumecs)			1989-07-19 1996-10-17
	230.00	Level (m)	MeteoSat		2006-01-01 2007-02-06
	230.01	Level (m)	East Coast		2005-08-19 2013-12-19
	230.03	Level (m)	ProDesign GPRS		2011-08-24 2011-10-30
	230.09	Level (m)	4 Water Cello		2013-06-05 2013-12-19
	230.11	Level (m)	UBUNTU		2013-08-05 2013-12-19
Components					Component Period
	W4E003	Jozi ni @ Pongol apoort Dam			1970-04-14 1992-08-01
	W4H013	Phongol o Ri ver @ Jozi ni			1983-10-06
	W4H014	Ri ght Canal from Dam @ Jozi ni			1987-03-09
	W4E006	Jozi ni @ Pongol apoort Dam			1992-08-03
	W4H015	Left Canal from Dam @ Lavumisa			1995-06-08
	W4H017	Senekal Boerdery @ Phongola Poort Dam			2002-03-01
W4R002	27: 31: 13	31: 03: 15	W41E	7831	Bi vane dam
FSL Parameters	Gauge Plate (m)	Reduced Level (m)	Surface area (ha)	Net capacity (mill m**3)	Gross capacity (mill m**3)
	41.00	744.00	0.00	114.04	115.22
	41.00	744.00	0.00	114.04	115.22
Data					Data Period
	100.00	Level (Metres)			2000-12-14 2020-01-20
	230.01	Level (m)	East Coast		2005-08-19 2014-05-14
	230.04	Level (m)	HYDRAS 3		2017-12-15 2019-04-16
	230.11	Level (m)	UBUNTU		2013-08-05 2014-12-18
W4R003	27: 07: 51	32: 16: 18	W45B	0	
Data					Data Period
	100.00	Level (Metres)			2001-09-20 2017-03-01
W4R004	26: 53: 10	32: 18: 36	W45B	0	
Data					Data Period
	100.00	Level (Metres)			2000-09-27 2019-10-09



Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description
W4R005	Mandl a Nkunzi @ Mandl a Nkunzi				26: 58: 38	32: 18: 14	W45B	0	
Data	100.00	Level	(Metres)				Data Period 2001-09-19	2017-03-01	5% mi ssi ng
W4R007	Lake Msenyeni				27: 13: 01	32: 12: 24	W45A	0	
Data	100.00	Level	(Metres)				Data Period 2004-09-30	2018-10-03	3% mi ssi ng
W7R001	Si bayi Lake @ Si bayi				27: 25: 11	32: 41: 51	W70A	60	
Data	100.00	Level	(Metres)				Data Period 1966-05-07	2017-01-25	7% mi ssi ng
Components	W7E002	Si bayi @ Rhodes Camp					Component Period 1976-11-20		
W7R002	Mgobezel eni Lake @ South Shore Sodwanabaai				27: 32: 06	32: 39: 37	W70A	1	
Data	100.00 230.01	Level Level (m)	(Metres) East Coast				Data Period 1991-02-07 2007-05-09	2020-02-13 2013-10-29	7% mi ssi ng 3% mi ssi ng
Components	W7E003	Sodwanabaai Nat. Res. @ Mgobezel eri Lake					Component Period 1987-03-18		
W7R003	Kosi Lake @ Kosi Maklangula Jetty				26: 57: 26	32: 49: 55	W70A	7	
Data	100.00	Level	(Metres)				Data Period 1977-05-13	2009-10-22	23% mi ssi ng
W7R004	Makhawul ani Lake @ Kwamazambane Kosi Lake (Mi ddl e)				26: 55: 36	32: 51: 13	W70A	3	
Data	100.00	Level	(Metres)				Data Period 1977-05-24	2009-10-22	
W7R005	Kosi Bay @ Kosi Bay Kosi Bay Channel				26: 56: 48	32: 50: 36	W70A	0	
Data	100.00	Level	(Metres)				Data Period 2001-09-21	2009-10-22	1% mi ssi ng
W7R006	Zi l onde @ Zi l onde				26: 51: 52	32: 52: 00	W70A	0	
Data	100.00	Level	(Metres)				Data Period 2002-02-20	2020-02-12	4% mi ssi ng



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Albert Falls Dam U2R003	2
Amcor Dam V3R002	7
Bivane dam W4R002	11
Chubu W1R005	9
Craigie Burn Dam V2R001	6
Driel Barrage V1R002	5
Eshowe Dam W1R002	9
Gilbert Eyles Dam T5R001	1
Goedertrouw Dam W1R001	8
Hazelmere Dam U3R001	3
Henley Dam U2R005	3
Hluhluwe Dam W3R001	10
Inanda Dam U2R004	2
Kilburn Dam V1R004	6
Klipfontein Dam W2R001	10
Kosi Bay W7R005	12
Kosi Lake W7R003	12
Lake Merthley U4R001	3
Lake Zilonde W7R006	12
Ludeke Dam T4R001	1
Makhawulani Lake W7R004	12
Mandla Nkunzi W4R005	12
Mearns Dam V2R002	7
Mgobezeleni Lake W7R002	12
Midmar Dam U2R001	1
Msenyeni W4R007	12
Msingazi Lake W1R004	9
Mzinto Dam U8R001	4
Nagle Dam U2R002	2
Nsezi Lake W1R003	9
Ntshingwayo Dam V3R001	7
Nungwana Dam U7R002	4
Nyami thi Pan W4R004	11
Pongolapoort Dam W4R001	11
Qedusi zi Dam V1R005	6
Shongweni Dam U6R001	4
Sibayi Lake W7R001	12
Singisi @ Singisi T5R002	1
Spienkop Dam V1R001	5
Spring Grove Dam V2R003	7
St Lucia Lake W3R002	10
Tete Pan W4R003	11
ULUNDI WEIR W2R002	10
Umgababa Dam U7R001	4
Wagendrift Dam V7R001	8
Woodstock Dam V1R003	5
Zaaihoek Dam V3R003	8