

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
B1E001	Witbank @ Witbank Dam	25: 53: 17	29: 17: 59	B11J	0		1
Data					Data Period		
	10.00 Rainfall (mm.)				1964-02-07	2009-04-01	1% missing
	710.50 Evap. [A] (mm.)			Daily	1993-09-03	2009-04-01	4% missing
	711.50 Evap. [S] (mm.)			Daily	1964-02-02	2009-04-01	6% missing
B1E002	Rondevalley	25: 55: 32	29: 41: 29	B12B	0		
Data					Data Period		
	10.00 Rainfall (mm.)				1977-08-24	1988-10-01	1% missing
	710.50 Evap. [A] (mm.)			Daily	1977-08-03	1986-09-30	3% missing
	711.50 Evap. [S] (mm.)			Daily	1977-08-02	1988-09-30	19% missing
B1E003	Rondebosch @ Middenburg Dam	25: 46: 32	29: 32: 44	B12C	0		
Data					Data Period		
	10.00 Rainfall (mm.)			RAIN	1979-05-31	2017-01-01	4% missing
	10.01 Rainfall (mm.)			pan 2	2006-06-28	2007-01-26	
	10.02 Rainfall (mm.)			Davis Instrumentation	2006-08-22	2007-04-17	
	2065.01 Air Temperature (°C)			AIR TEMPERATURE	2006-06-28	2008-02-20	
	2065.02 Air Temperature (°C)			Davis Instrumentation	2006-08-22	2007-04-17	
	2070.01 Relative Humidity(P)			RELATIVE HUMIDITY	2006-06-28	2008-02-20	
	2070.02 Relative Humidity(P)				2006-08-22	2007-04-17	
	490.01 Evapotranspiration				2006-06-28	2007-01-26	
	490.02 Evapotranspiration				2006-08-22	2007-04-17	
	500.01 Wind Direc (Deg)				2006-06-28	2007-05-10	
	500.03 Wind Direc (Deg)				2006-06-28	2007-05-10	
	515.01 Wind Speed (M/s)			WIND SPEED	2006-06-28	2008-02-20	
	515.02 Wind Speed (M/s)			Davis Instrumentation	2006-08-22	2007-04-17	
	710.50 Evap. [A] (mm.)			Daily	2007-01-01	2016-12-01	15% missing
	711.50 Evap. [S] (mm.)			Daily	1979-05-31	2017-01-01	5% missing
	751.01 Solar Rad. (kW/Sq.m)				2006-06-28	2007-05-10	
	751.02 Solar Rad. (kW/Sq.m)			Davis Instrumentation	2006-08-22	2007-04-17	
	816.01 Pressure (mm)			AIR PRESSURE	2006-06-28	2008-02-20	6% missing
B1E004	Rietfontein	26: 21: 28	29: 12: 59	B11D	0		
Data					Data Period		
	10.00 Rainfall (mm.)				1980-11-30	2003-11-01	
	711.50 Evap. [S] (mm.)			Daily	1980-11-30	2003-11-01	4% missing
B1E005	Naauwpoort @ Witbank Dam	25: 58: 29	29: 16: 50	B11G	0		
Data					Data Period		
	10.00 Rainfall (mm.)				1986-12-03	1993-02-01	



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	2
B1E005	(continued)	711.50	Evap. [S]	(mm.)							
				Daily			1986-12-03	1993-02-01	24% missing		
B2E001	Groenfontein @ Bronkhorstsp. Dam				25:53:32	28:43:14	B20C	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1967-10-12	2019-03-01	4% missing		
		711.50	Evap. [S]	(mm.)			1967-09-03	2019-03-01	4% missing		
B2E002	Vaal river @ Upstream of Vaal dam				26:18:56	28:55:07	B20E	0			
B3E001	Kopje Alleen				24:51:02	28:40:59	B31E	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1935-07-31	1950-10-23			
		711.50	Evap. [S]	(mm.)			1935-06-03	1950-11-01	3% missing		
B3E002	Loskop Nat. Res. @ Loskop Dam				25:24:47	29:21:59	B32C	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1935-09-08	1958-02-01			
		711.50	Evap. [S]	(mm.)			1935-09-03	1958-02-01	10% missing		
B3E003	Loskop Nat. Res. @ Loskop Dam				25:25:17	29:21:29	B32A	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1935-08-31	2019-10-01	2% missing		
		711.50	Evap. [S]	(mm.)			1935-08-03	2019-10-01	4% missing		
B3E004	Rust De Winter Res. @ Rust De Winter Dam				25:13:17	28:30:59	B31D	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1965-09-30	2019-10-01	5% missing		
		710.50	Evap. [A]	(mm.)			1965-11-03	2011-10-01	4% missing		
		711.50	Evap. [S]	(mm.)			1965-10-02	2019-10-01	6% missing		
B3E005	Moses River Mouth				24:59:28	29:21:04	B32H	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1979-05-25	1984-12-01			
		711.50	Evap. [S]	(mm.)			1979-05-03	1984-12-01	1% missing		
B3E006	Loskop Nat. Res. @ Oudestad Exp. Farm				25:11:02	29:19:59	B32H	0			
Data							Data Period				
		10.00	Rainfall	(mm.)			1979-12-31	1980-10-01			
		710.50	Evap. [A]	(mm.)			1979-12-31	1980-09-30			



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B3E007	Rhenosterkop @ Rhenosterkop Dam					25: 06: 02	28: 54: 59	B31G	0			
Data									Data Period			
	10.00	Rainfall	(mm.)						1980-10-01	2019-10-01	6%	missing
	711.50	Evap. [S]	(mm.)	Daily					1984-12-03	2019-10-01	9%	missing
B4E001	Lydenburg					25: 06: 02	30: 27: 59	B42B	0			
Data									Data Period			
	10.00	Rainfall	(mm.)						1962-09-30	1992-10-01		
	710.50	Evap. [A]	(mm.)	Daily					1962-09-01	1992-09-30	22%	missing
	710.51	Evap. [A]	(mm.)						1988-05-02	1992-09-30	6%	missing
	711.50	Evap. [S]	(mm.)	Daily					1966-07-02	1992-09-30	2%	missing
	711.51	Evap. [S]	(mm.)						1966-07-02	1992-09-30	74%	missing
B4E002	Mapochsgronde @ Tontel doos Dam					25: 16: 47	29: 56: 29	B41C	0			
Data									Data Period			
	10.00	Rainfall	(mm.)						1968-10-27	1971-10-01		
	711.50	Evap. [S]	(mm.)	Daily					1968-10-03	1971-09-30	7%	missing
B4E003	Buffel skloof @ Buffel skloof Dam					24: 57: 30	30: 15: 49	B42G	0			
Data									Data Period			
	10.00	Rainfall	(mm.)						1971-10-01	2019-10-01	6%	missing
	711.50	Evap. [S]	(mm.)	Daily					1972-07-03	2019-10-01	6%	missing
B4E004	Roosenekal					25: 11: 44	29: 55: 33	B41C	0			
Data									Data Period			
	10.00	Rainfall	(mm.)						1971-09-07	2019-03-01	6%	missing
	711.50	Evap. [S]	(mm.)	Daily					1971-09-03	2019-03-01	6%	missing
B4E005	De Berg					25: 13: 32	30: 08: 60	B41G	0			
Data									Data Period			
	10.70	Rainfall	(mm.)	Intermittent	Real time				2002-08-22	2007-10-21		
	10.90	Rainfall	(mm.)	Daily Total					2001-02-05	2007-10-23		
B4E006	De Hoop @ De Hoop dam					24: 58: 00	29: 55: 32		0			
Data									Data Period			
	10.00	Rainfall	(mm.)						2016-02-01	2019-10-01	18%	missing
	10.70	Rainfall	(mm.)						2015-10-31	2016-08-01		
	711.50	Evap. [S]	(mm.)	RAIN LOGGER Daily					2016-02-01	2019-10-01	44%	missing
B5E001	Zebedi el a					24: 19: 04	29: 18: 59	B51G	0			



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B5E001	(continued)									4
Data								Data Period		
	10.00	Rainfall	(mm.)					1935-09-27	2006-10-01	
	710.50	Evap. [A]	(mm.)	Daily				1963-09-03	2006-10-01	22% missing
	711.50	Evap. [S]	(mm.)	Daily				1935-09-02	2006-10-01	8% missing
B5E002	Amsterdam @ Crecy				24:40:02	28:48:59	B51E	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1957-06-30	1966-08-01	
	710.50	Evap. [A]	(mm.)	Daily				1957-06-30	1966-08-01	2% missing
B5E003	Klavervalley @ Klavervalley Dam				24:37:02	29:00:59	B51E	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1966-08-01	1971-09-09	
	711.50	Evap. [S]	(mm.)	Daily				1969-10-03	1971-09-30	2% missing
B5E004	Tambotiboom @ Arabie Dam				24:46:47	29:25:11	B51E	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1990-11-30	2019-10-01	10% missing
	711.50	Evap. [S]	(mm.)	Daily				1990-12-02	2019-10-01	31% missing
B6E001	Rozenkranz @ Ohrigstaddamnatres				24:56:15	30:37:46	B60E	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1955-05-19	2019-10-01	7% missing
	710.50	Evap. [A]	(mm.)	Daily				1963-11-03	2019-10-01	7% missing
	711.50	Evap. [S]	(mm.)	Daily				1955-05-02	2019-10-01	7% missing
B6E002	Grootfonteinberg				24:57:02	30:42:59	B60A	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1957-06-30	1963-04-01	
	710.50	Evap. [A]	(mm.)	Daily				1957-06-30	1963-04-01	1% missing
B6E003	Bluyderi v. Poortnatres @ Bluyderi v. Poort Dam				24:32:15	30:47:51	B60D	0		
Data								Data Period		
	10.00	Rainfall	(mm.)					1971-06-30	2019-10-01	8% missing
	711.50	Evap. [S]	(mm.)	Daily				1971-07-03	2019-10-01	12% missing
B6E004	Mogolologo				24:32:16	30:52:16	B60J	0		



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B6E005	Crystal Springs					24: 52: 57	30: 39: 56	B60F	0			
Data										Data Period		
	10.70	Rainfall	(mm.)	Intermittent	Real time					2002-08-22	2007-10-19	
	10.90	Rainfall	(mm.)	Daily Total						2001-02-05	2007-10-23	
B7E001	Fleur De Lys @ Klaserie Dam					24: 32: 02	31: 01: 59	B73A	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1957-06-30	2017-03-01	91% missing
	710.50	Evap. [A]	(mm.)	Daily						1957-06-30	1962-08-01	2% missing
	711.50	Evap. [S]	(mm.)	Daily						2017-01-01	2017-03-01	100% missing
B7E002	Wegsteek @ Phalaborwa-Station					23: 59: 03	31: 06: 59	B72K	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1958-04-30	1967-06-01	
	710.50	Evap. [A]	(mm.)	Daily						1958-04-30	1967-06-01	1% missing
B7E003	Guernsey @ Klaserie Dam					24: 31: 17	31: 04: 00	B73A	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1963-10-23	2019-10-01	9% missing
	710.50	Evap. [A]	(mm.)	Daily						1963-11-03	2015-06-01	27% missing
	711.50	Evap. [S]	(mm.)	Daily						1963-10-02	2019-10-01	33% missing
B7E004	Sheila @ Phalaborwa Barrage					24: 03: 17	31: 08: 59	B72D	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1967-02-02	2007-05-01	1% missing
	710.50	Evap. [A]	(mm.)	Daily						1967-02-01	2007-05-01	2% missing
	711.50	Evap. [S]	(mm.)	Daily						1981-10-02	2007-05-01	6% missing
B7E005	Phalaborwa Airtport					23: 56: 03	31: 08: 59	B73C	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1967-06-30	1980-10-01	
	710.50	Evap. [A]	(mm.)	Daily						1967-06-30	1980-10-01	16% missing
B7E006	Tours @ Tours Dam					24: 05: 56	30: 15: 31	B72E	0			
Data										Data Period		
	10.00	Rainfall	(mm.)							1992-07-31	2019-10-01	6% missing
	710.50	Evap. [A]	(mm.)	Daily						1992-08-03	2008-10-01	11% missing
	711.50	Evap. [S]	(mm.)	Daily						1992-08-02	2019-10-01	14% missing
B7E008	Fleur De Lys					24: 31: 02	31: 02: 59	B73B	0			



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Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page
B7E008	(continued)									6
Data								Data Period		
	10.00	Rainfall	(mm.)	Daily				1976-03-31	1977-03-01	9% missing
	710.50	Evap. [A]	(mm.)					1976-04-30	1977-03-01	20% missing
B8E001	Onverwacht @ Ebenezer Dam				23:56:22	29:59:04	B81B		0	
Data								Data Period		
	10.00	Rainfall	(mm.)	Daily				1960-07-09	2020-03-01	1% missing
	711.50	Evap. [S]	(mm.)					1960-07-01	2020-03-01	9% missing
B8E002	Letsitele				23:52:03	30:25:44	B81E		0	
Data								Data Period		
	10.00	Rainfall	(mm.)	Daily				1968-08-11	1995-10-23	28% missing
	710.50	Evap. [A]	(mm.)					1968-08-03	1995-11-01	35% missing
	711.50	Evap. [S]	(mm.)	Daily				1968-07-31	1995-11-01	31% missing
B8E003	Doornhoek @ Tzaneen Dam				23:47:49	30:10:06	B81B		0	
Data								Data Period		
	10.00	Rainfall	(mm.)					1969-11-24	2020-03-01	3% missing
	10.02	Rainfall	(mm.)	Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	20.02	Rainfall Intensity		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2058.02	THW		Davis Instrumentation				2014-06-07	2015-08-10	
	2059.02	THW		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2065.02	Air Temperature (°C)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2066.02	Maximum Air Temperature		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2067.02	Minimum Air Temperature		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2069.02	Dew Point (°C)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2096.02	Out Hum		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	2099.02	HI		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	302.02	Solar Current		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	500.02	Wind Direc (Deg)		Davis Instrumentation				2014-04-01	2015-08-10	7% missing
	515.02	Wind Speed (M/s)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	517.02	High Speed		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	518.02	Hi Dir		Davis Instrumentation				2014-04-01	2015-08-10	7% missing
	519.02	Wind Chill		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	520.02	Wind Run		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	710.50	Evap. [A]	(mm.)	Daily				1969-11-01	2020-03-01	16% missing
	711.50	Evap. [S]	(mm.)	Daily				1969-11-01	2020-03-01	13% missing
	712.02	Evap. [S]	(mm.)	Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	741.02	Solar Rad. (mW/Sq. cm)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	753.02	Hi Sol Rad. (wh/Sq. m)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
	816.02	Pressure (mm)		Davis Instrumentation				2014-04-01	2015-08-10	2% missing
B8E004	Woodbush Forest Res @ Dap Naude Dam				23:48:47	29:57:55	B81A		0	
Data								Data Period		
	10.00	Rainfall	(mm.)					1977-05-24	2020-01-01	4% missing



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B8E004	(continued)										
		710.50	Evap. [A]	(mm.)				1977-05-01	2020-01-01	34% missing	
		711.50	Evap. [S]	(mm.)				1977-05-01	2020-01-01	56% missing	
B8E005	Turksvygbult @ Magoebaskloof Dam				23:49:09	30:03:12	B81B		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1976-08-16	2020-03-01		
		710.50	Evap. [A]	(mm.)				2005-07-01	2005-11-01	1% missing	
		711.50	Evap. [S]	(mm.)				1976-07-01	2020-03-01	13% missing	
B8E006	Tzaneen				23:50:03	30:08:59	B81C		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1979-02-28	1980-10-01		
		710.50	Evap. [A]	(mm.)				1979-02-28	1980-09-30		
B8E007	State Land @ Middle Letaba Dam				23:16:26	30:24:15	B82D		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1985-06-01	1994-11-25	7% missing	
		710.50	Evap. [A]	(mm.)				1985-06-01	1994-11-01	9% missing	
		711.50	Evap. [S]	(mm.)				1985-06-01	1994-12-01	11% missing	
B8E008	State Land @ Nsami Dam				23:15:48	30:45:56	B82H		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1994-11-26	2020-03-01		
		710.50	Evap. [A]	(mm.)				1995-04-03	2012-03-01	28% missing	
		711.50	Evap. [S]	(mm.)				1995-05-01	2020-03-01	31% missing	
B8E009	Modjadjes 424 Lt @ Modjadjie Dam				23:35:20	30:21:11	B81G		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1997-12-12	2020-03-01	3% missing	
		710.50	Evap. [A]	(mm.)				1997-12-01	2014-09-01	35% missing	
		711.50	Evap. [S]	(mm.)				1997-12-01	2020-03-01	52% missing	
B9E001	Kruger National Park @ Shingwazi				23:06:03	31:25:59	B90H		0		
Data								Data Period			
		10.00	Rainfall	(mm.)				1961-08-18	1972-09-01	1% missing	
		710.50	Evap. [A]	(mm.)				1961-08-03	1972-09-01	27% missing	
		711.50	Evap. [S]	(mm.)				1961-08-02	1972-08-01	21% missing	



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Mogol ogo	B6E004	4
Amsterdam @ Crecy	B5E002	4
Blyderiv. Poortnatres	B6E003	4
Buffelskloof D	B4E003	3
Crystal Springs	B6E005	5
De Berg	B4E005	3
De Hoop @ De Hoop	B4E006	3
Doornhoek @ Tzaneen	B8E003	6
Fleur De Lys @ Klase	B7E001	5
Fleur De Lys	B7E008	5
Groenfontein @ Bronk	B2E001	2
Grootfonteinberg	B6E002	4
Guernsey @ Klaserie	B7E003	5
Klavervalley D	B5E003	4
Kopje Alleen	B3E001	2
Kruger @ Shingwizi	B9E001	7
Leandra Police Sta.	B2E002	2
Letsitele	B8E002	6
Loskop Nat. Res. @ L	B3E002	2
Loskop Nat. Res. @ L	B3E003	2
Loskop Nat. Res. @ O	B3E006	2
Lydenburg	B4E001	3
Mapochsgronde @ Tont	B4E002	3
Modjadjes 424 Lt @ M	B8E009	7
Moses R Mouth	B3E005	2
Naaupoort @ Witbank	B1E005	1
Onverwacht @ Ebeneze	B8E001	6
Phalaborwa Airport	B7E005	5
Rhenosterkop D	B3E007	3
Rietfontein	B1E004	1
Rondebosch @ Middelh	B1E003	1
Rondevalley	B1E002	1
Roosenekal	B4E004	3
Rozenkranz @ Ohrigst	B6E001	4
Rust De Winter Res.	B3E004	2
Sheila @ Phalaborwa	B7E004	5
State Land @ Middle	B8E007	7
State Land @ Nsami D	B8E008	7
Tambotieboom @ Arabi	B5E004	4
Tours D	B7E006	5
Turksvylgbult @ Magoe	B8E005	7
Tzaneen	B8E006	7
Wegsteek @ Phalaborw	B7E002	5
Witbank D	B1E001	1
Woodbush Forest Res	B8E004	6
Zebediela	B5E001	3