

Department of Water and Sanitation

SAFPUB V02 Output 16/11/2025

Station					Latitude dd:mm:ss	Longitude dd:mm:ss	Drainage Region	Catchment Area km**2	Description	Page	1
W5E001	Piet Retief				27:00:02	30:47:59	W51D	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1935-06-13	1979-09-30		
	710.50	Evap. [A]	(mm.)	Daily				1957-08-31	1979-10-01	5% missing	
	711.50	Evap. [S]	(mm.)	Daily				1935-06-02	1976-09-30	1% missing	
W5E004	Jericho @ Jericho Dam				26:39:31	30:28:50	W53B	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1968-05-13	2025-11-01	2% missing	
	711.50	Evap. [S]	(mm.)	Daily				1968-05-03	2025-11-01	3% missing	
W5E005	Westoe @ Westoe Dam				26:30:33	30:37:32	W53C	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1969-05-03	2025-10-01		
	711.50	Evap. [S]	(mm.)	Daily				1969-05-03	2025-10-01		
W5E007	Kemp				26:56:17	30:45:59	W51C	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1977-05-09	1997-05-30		
	711.50	Evap. [S]	(mm.)	Daily				1977-05-03	1997-06-01	9% missing	
W5E008	Morgenstond @ Morgenstond Dam				26:42:46	30:32:26	W53A	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1980-07-31	2025-10-01		
	711.50	Evap. [S]	(mm.)	Daily				1981-06-03	2025-10-01	1% missing	
W5E009	Sobbeken @ Heyshope Dam				26:59:57	30:31:41	W51B	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1985-11-02	2025-09-01		
	710.50	Evap. [A]	(mm.)	Daily				2024-07-01	2024-09-01	100% missing	
	711.50	Evap. [S]	(mm.)	Daily				1985-11-03	2025-09-01	1% missing	
X1E002	Carolina				26:04:02	30:06:59	X11B	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1958-07-31	1980-10-01		
	710.50	Evap. [A]	(mm.)	Daily				1958-07-31	1980-09-30	6% 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	2
X1E003	Nooitgedacht @ Nooitgedacht Dam				25:57:02	30:04:44	X11C	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1961-08-02	2025-09-01		
	711.50	Evap.[S]	(mm.)	Daily				1961-08-03	2023-09-01	18% missing	
X1E004	Duurstede @ Shiyalongubo Dam				25:45:32	31:15:59	X14B	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1963-09-30	1975-03-01	6% missing	
	711.50	Evap.[S]	(mm.)	Daily				1963-09-30	1975-03-01	6% missing	
X1E005	One Treehill @ Lomati (Kaalrug)				25:33:02	31:37:59	X14	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1967-07-15	1991-02-19		
	710.50	Evap.[A]	(mm.)	Daily				1967-07-03	1991-03-01	6% missing	
	711.50	Evap.[S]	(mm.)	Daily				1967-07-31	1991-03-01	18% missing	
X1E006	Vygeboom @ Vygeboom Dam				25:53:02	30:36:14	X11H	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1970-07-31	2025-09-30		
	711.50	Evap.[S]	(mm.)	Daily				1970-07-31	2024-04-01	8% missing	
X1E007	Schoemansdal @ Driekoppies Dam				25:42:48	31:32:05	X14G	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					2004-11-06	2025-06-30		
	711.50	Evap.[S]	(mm.)	Daily				2004-11-01	2025-06-30		
X1E008	Breyton @ SAPS				26:18:08	29:59:10		0			
X1E009					26:04:17	30:07:12		0			
X2E001	Nelspruit				25:27:02	30:57:59	X22J	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1934-09-14	1973-05-22	2% missing	
	710.50	Evap.[A]	(mm.)	Daily				1960-07-31	1973-05-01		
	711.50	Evap.[S]	(mm.)	Daily				1934-08-03	1973-05-01	1% missing	
X2E002	Machadodorp				25:40:02	30:16:59	X21F	0			
Data								Data Period			
	10.00	Rainfall	(mm.)					1955-06-30	1961-06-01	1% missing	
	711.50	Evap.[S]	(mm.)	Daily				1955-06-30	1961-06-01	1% 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	3
X2E003	Rietfontein @ Alkmaar				25:26:02	30:48:59	X22C	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1963-09-01	1968-08-30			
	710.50	Evap. [A]	(mm.)	Daily			1963-09-03	1968-09-01	1% missing		
X2E004	Tenbosch				25:23:02	31:56:59	X24H	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1968-12-01	1980-09-29	39% missing		
	710.50	Evap. [A]	(mm.)	Daily			1969-01-31	1980-09-30	40% missing		
X2E005	Mhlati				25:29:02	31:33:59	X24E	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1968-02-29	1999-04-30	25% missing		
	710.50	Evap. [A]	(mm.)	Daily			1968-02-29	1999-05-01	62% missing		
	711.50	Evap. [S]	(mm.)	Daily			1968-04-30	1998-06-01	36% missing		
X2E006	Uitzoek				25:17:17	30:34:59	X22A	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1970-01-31	1996-03-25	1% missing		
	710.50	Evap. [A]	(mm.)	Daily			1970-01-31	1996-04-01	12% missing		
	711.50	Evap. [S]	(mm.)	Daily			1969-12-31	1996-03-31	25% missing		
X2E007	De Goede Hoop @ My Own				25:42:32	30:45:44	X23C	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1966-08-20	1997-07-01	9% missing		
	710.50	Evap. [A]	(mm.)	Daily			1966-08-03	1997-07-01	12% missing		
X2E008	Nelspruit				25:27:02	30:58:19	X22J	0			
X2E009	Barberton @ Katoen Researchst.				25:47:02	31:01:59	X23F	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1967-11-30	1972-12-01			
	710.50	Evap. [A]	(mm.)	Daily			1967-11-30	1972-12-01			
X2E010	Witklip Forest Res @ Witklip Dam				25:14:17	30:53:59	X22E	0			
Data							Data Period				
	10.00	Rainfall	(mm.)				1970-07-31	2025-10-01			
	710.50	Evap. [A]	(mm.)	Daily			1970-07-31	2023-07-01	10% missing		
	711.50	Evap. [S]	(mm.)	Daily			1970-06-30	2025-10-01	2% 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	4
X2E011	Friedenheim @ Nelspruit					25:26:47	31:00:29	X22J	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1973-05-03	1993-02-28			
	710.50	Evap. [A]	(mm.)	Daily				1973-06-30	1993-03-01	56% missing		
	711.50	Evap. [S]	(mm.)	Daily				1973-05-02	1993-03-01	3% missing		
X2E012	Primkop @ Primkop Dam					25:23:17	31:04:29	X22H	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1973-10-11	2023-08-14	3% missing		
	711.50	Evap. [S]	(mm.)	Daily				1973-10-03	2023-01-30	39% missing		
X2E013	Elandspruit @ Kwena Dam					25:21:17	30:22:44	X21E	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1979-12-02	2025-10-01			
	711.50	Evap. [S]	(mm.)	Daily				1979-12-03	2024-01-01	1% missing		
X2E014	Mauchberg					25:08:56	30:37:10	X22A	0			
Data								Data Period				
	10.70	Rainfall	(mm.)	Intermittent	Realtime			2002-08-22	2007-10-21			
	10.71	Rainfall	(mm.)	Intermittent	Realtime			2001-02-05	2007-10-23			
	10.90	Rainfall	(mm.)	Daily	Total			2001-02-05	2007-10-23			
	10.91	Rainfall	(mm.)	Daily	Total			2001-02-04	2007-10-23			
X3E001	Kruger National Park @ Skukuza					24:59:23	31:36:32	X31M	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1960-04-30	2009-11-01	7% missing		
	710.50	Evap. [A]	(mm.)	Daily				1960-04-30	2009-11-01	60% missing		
	711.50	Evap. [S]	(mm.)	Daily				1960-03-31	2009-11-01	11% missing		
X3E002	Burgershall @ Research Station					25:07:02	31:05:59	X31J	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1968-12-31	1995-11-27			
	710.50	Evap. [A]	(mm.)	Daily				1968-12-31	1997-07-01	6% missing		
X3E004	Etna @ Da Gama Dam					25:08:02	31:01:59	X31J	0			
Data								Data Period				
	10.00	Rainfall	(mm.)					1973-03-03	2025-10-01	9% missing		
	711.50	Evap. [S]	(mm.)	Daily				1973-03-03	2025-10-01	13% missing		
X3E005	Inyaka @ Inyaka Dam					24:53:06	31:05:10	X31E	0			



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	5
X3E005		(continued)										
Data						Data Period						
	10.00	Rainfall	(mm.)					2002-07-31	2025-10-01			
	710.50	Evap.[A]	(mm.)	Daily				2013-06-01	2023-07-01	26% missing		
	711.50	Evap.[S]	(mm.)	Daily				2002-08-01	2023-07-01	23% missing		
X3E006	Bakenkop					25:08:07	30:52:43	X31H	0			
X4E001	Kruger National Park @ Satara					24:23:47	31:46:59	X40A	0			
Data						Data Period						
	10.00	Rainfall	(mm.)					1961-06-20	1993-10-01	16% missing		
	711.50	Evap.[S]	(mm.)	Daily				1961-06-03	1993-10-01	28% missing		



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Bakenkop	X3E006	5
Barberton @ Katoen R	X2E009	3
Burgershall @ Resear	X3E002	4
Carolina	X1E002	1
De Goede Hoop @ My O	X2E007	3
Duurstede @ Shiyalon	X1E004	2
Elandspruit @ Kwena	X2E013	4
Etna @ Da Gama D	X3E004	4
Friedenheim @ Nelspr	X2E011	4
Inyaka D	X3E005	4
Jericho D	W5E004	1
Kemp	W5E007	1
Kruger @ Satara	X4E001	5
Kruger @ Skukuza	X3E001	4
Machadodorp	X2E002	2
Mauchberg	X2E014	4
Mhlati	X2E005	3
Morgenstond D	W5E008	1
Nelspruit	X2E001	2
Nelspruit	X2E008	3
Nooitgedacht D	X1E003	2
One Treehill @ Lomat	X1E005	2
Piet Retief	W5E001	1
Primkop D	X2E012	4
Rietfontein @ Alkmaa	X2E003	3
Schoemansdal @ Driek	X1E007	2
Sobbeken @ Heyshope	W5E009	1
Tenbosch	X2E004	3
Uitzoek	X2E006	3
Vygeboom D	X1E006	2
Westoe D	W5E005	1
Witklip Forest Res @	X2E010	3
X1E008		2
X1E009		2