

Appendix 2

Weather Tables

Average Maximum Temperatures (Degrees Celsius) for Weather Stations: Thabazimbi, Lephalale (Ellisras) and Bela-Bela (Warmbaths)

THABAZIMBI - (1960 - 1963) and (1983 - 2009)

Average Maximum Temperatures (C) Data for station [0587697 2] - THABAZIMBI -24.6170 27.4000 1026 m (1960-1963)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1960	32.5	30.6	30.2	27.3	23.8	21.8	21.7	26.6	29.4	31.9	29.3	29.9	27.9
1961	30.8	30.0	28.9	27.6	25.4	21.4	22.4	23.9	30.6	32.4	30.1	30.2	27.8
1962	32.5	32.8	31.3	26.9	24.4	24.0	23.4	26.5	30.8	32.3	30.1	30.3	28.8
1963	30.0	32.2	30.2	26.0	23.1	20.2	20.6	24.3	30.2	32.2	29.8	30.1	27.4
Average (1960-1963)	31.5	31.4	30.2	27.0	24.2	21.9	22.0	25.3	30.3	32.2	29.8	30.1	
Average Maximum Temperatures (C) Data for station [0587697 2] - THABAZIMBI -24.6170 27.4000 1026 m (1983-2009)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1983	32.0	31.6	30.2	28.1	25.6	23.0	22.9	23.6	30.3	29.8	32.5	30.4	28.3
1984	33.2	33.1	29.7	27.3	25.6	21.1	21.5	25.2	29.7	30.8	29.0	31.1	28.1

1985	31.4	30.7	30.2	27.4	24.5	22.5	22.1	25.6	27.2	30.6	31.6	29.9	27.8
1986	31.6	30.4	30.0	26.0	25.8	22.2	22.7	26.0	27.3	28.1	28.1	30.4	27.4
1987	32.0	32.9	30.7	30.4	27.3	21.8	21.7	24.1	26.3	29.4	30.9	30.5	28.2
1988	32.7	30.1	30.2	28.1	24.7	21.8	23.0	26.1	28.4	28.8	30.4	28.1	27.7
1989	30.4	28.0	29.6	25.2	25.1	22.4	22.6	27.1	28.9	29.6	29.4	31.1	27.5
1990	30.9	29.6	29.9	27.6	24.1	23.1	24.3	25.2	28.7	31.0	33.2	32.2	28.3
1991	30.8	30.2	27.6	26.9	25.4	22.2	22.7	25.7	29.2	31.6	30.5	30.5	27.8
1992	33.7	34.9	31.1	29.7	26.4	23.9	23.7	23.8	29.7	31.4	31.3	31.6	29.3
1993	32.0	31.6	28.0	27.1	26.9	23.0	23.0	26.2	31.3	30.4	29.6	31.3	28.4
1994	29.7	29.5	31.7	29.7	26.6	22.1	21.6	25.4	30.9	30.2	32.4	32.9	28.6
1995	33.4	33.9	29.7	28.1	23.8	22.3	23.6	26.4	30.8	32.9	32.1	30.0	28.9
1996	30.2	28.9	28.7	26.1	24.1	22.9	21.3	25.1	30.2	33.0	30.7	31.7	27.7
1997	31.2	32.0	27.9	26.4	23.7	23.0	22.7	27.0	28.5	30.4	31.6	31.6	28.0
1998	32.1	34.5	31.6	27.3	26.0	24.7	26.2	30.7	30.9	31.4	31.3	31.6	29.9
1999	32.0	33.0	34.0	32.3	30.0	25.9	23.0	26.5	28.1	31.4	31.3	31.6	29.9
2000	28.1	29.9	29.7	26.5	23.9	23.1	23.2	25.2	30.5	34.6	32.0	34.6	28.4
2001	37.6	30.5	30.6	29.1	25.8	23.2	22.3	27.4	28.8	31.2	27.8	30.8	28.8
2002	33.6	32.9	32.1	30.3	26.5	22.0	23.8	26.9	29.3	32.3	33.9	33.2	29.7
2003	34.9	34.5	34.1	32.1	26.6	22.7	23.5	25.2	30.9	33.2	31.6	35.0	30.4
2004	32.0	29.9	27.9	27.0	25.2	21.8	22.0	27.6	28.8	32.4	34.3	30.6	28.3
2005	32.5	33.7	31.0	27.7	27.6	26.1	24.7	28.7	32.9	34.5	33.7	31.5	30.4
2006	29.8	29.5	27.2	27.0	23.2	22.6	24.8	24.7	29.5	32.9	30.8	33.6	28.0
2007	33.9	35.5	34.1	29.2	24.4	23.7	22.9	27.0	32.2	29.2	31.3	29.6	29.4
2008	29.2	31.0	28.8	27.6	26.2	24.2	23.8	28.2	31.6	34.7	32.1	33.1	29.2
2009	31.9	30.5	28.8	29.1	26.0	23.4	21.6	25.6	31.3	30.8	31.7	33.6	28.7
Average (1983-2009)	32.0	31.6	30.2	28.1	25.6	23.0	23.0	26.2	29.7	31.4	31.3	31.6	

Average Summer	(November - February)	31.2
Average Winter	(May - August)	24.3
Average Spring	(September - October)	30.6
Average Autumn	(March - April)	29.1

LEPHALALE (ELLISRAS) - (1993 - 2009)

Average Maximum Temperatures (C) Data for station [0674341 8] - LEPHALALE (ELLISRAS) -23.6800 27.7000 839 m (1993-2009)

YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1993	32.4	32.6	30.9	29.0	26.3	24.2	23.8	27.0	31.5	31.4	29.8	31.2	29.2
1994	30.4	30.5	32.5	29.9	27.3	22.9	22.3	25.5	30.3	29.8	32.7	32.9	28.9
1995	33.6	33.3	30.4	28.7	24.1	23.5	24.5	27.1	31.2	33.7	32.6	31.1	29.5
1996	31.0	29.9	29.8	27.6	25.4	24.3	22.3	25.1	30.1	33.1	31.3	31.7	28.5
1997	32.0	31.6	28.8	27.8	25.0	24.9	23.5	27.9	29.3	31.1	32.1	34.2	29.0
1998	33.1	34.3	34.6	31.5	28.4	26.4	24.8	25.9	30.4	30.1	31.1	29.9	30.0
1999	31.7	33.0	31.5	30.1	26.8	24.7	23.7	27.1	28.0	30.4	31.7	32.4	29.3
2000	29.9	32.4	28.2	25.9	24.3	22.7	22.9	26.6	29.7	31.5	31.5	33.4	28.3
2001	34.8	30.9	29.8	28.2	26.4	24.5	23.2	28.2	30.0	30.3	27.7	31.3	28.8
2002	34.7	34.0	33.9	31.0	27.7	23.1	25.1	27.7	29.3	32.5	34.7	35.1	30.7
2003	36.6	36.4	35.0	32.2	27.7	22.9	24.5	26.5	30.8	32.7	33.5	35.3	31.2
2004	32.6	30.5	28.1	27.7	25.9	23.1	23.7	28.1	29.5	32.2	35.0	31.3	29.0
2005	33.6	34.7	32.1	28.7	28.0	26.3	24.9	28.4	32.4	33.4	32.8	30.5	30.5
2006	31.1	30.9	27.2	27.6	24.5	23.9	25.3	25.2	29.4	33.0	31.9	34.1	28.7
2007	32.6	35.3	33.2	28.4	26.1	24.0	23.2	27.3	31.9	28.8	30.3	28.8	29.2
2008	29.7	33.4	30.6	29.2	27.4	25.3	24.1	28.4	31.5	33.9	31.5	32.4	29.8
2009	31.6	30.8	28.9	29.4	26.5	24.3	22.5	26.3	31.2	31.9	33.3	35.8	29.4
Average (1960-2009)	32.4	32.6	30.9	29.0	26.3	24.2	23.8	27.0	30.4	31.8	32.0	32.4	

Average Summer	(November - February)	32.4
Average Winter	(May - August)	25.3
Average Spring	(September - October)	31.1
Average Autumn	(March - April)	30.0

BELA-BELA (WARMBATHS) - (1960 - 2009)

Average Maximum Temperatures (C) Data for station [0589594 1] - BELA-BELA (WARMBAD) TOWOOMBA -24.9000 28.3300 1143 m (1960 - 2009)													
YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Average (Year)
1960	31.2	30.4	29.4	25.8	23.1	20.9	20.8	25.6	28.4	30.8	27.2	28.2	26.8
1961	29.0	29.1	27.6	26.7	24.8	20.8	21.3	22.6	29.7	31.7	28.7	29.2	26.8
1962	31.4	31.7	30.1	26.7	23.1	23.2	21.5	25.1	30.5	31.7	28.4	29.9	27.8
1963	28.6	31.1	29.5	25.4	22.7	19.0	19.5	23.6	29.2	29.8	28.6	30.7	26.5
1964	29.9	32.1	31.5	27.4	23.9	20.2	19.6	23.7	28.8	27.4	29.5	27.3	26.8
1965	29.4	32.1	29.9	25.7	24.5	19.4	21.7	25.5	27.2	28.5	28.7	32.0	27.1
1966	32.3	28.5	30.4	26.0	24.6	21.3	22.5	24.9	26.8	29.1	30.0	28.7	27.1
1967	29.3	26.7	27.1	24.0	22.9	19.8	19.2	22.3	28.1	29.6	29.1	29.8	25.7
1968	31.7	30.4	26.2	24.1	21.7	17.8	22.8	25.1	28.1	30.6	26.9	29.9	26.3
1969	32.0	30.4	26.2	26.1	22.2	21.6	21.5	23.8	27.4	27.4	29.0	28.2	26.3
1970	31.4	29.5	29.9	27.5	25.0	21.0	22.1	25.7	29.4	29.1	30.2	30.0	27.6
1971	27.6	26.9	29.2	26.5	21.9	20.7	21.2	24.6	28.7	28.5	28.7	29.9	26.2
1972	28.2	28.5	26.3	26.0	22.8	20.6	21.7	24.3	29.1	30.7	29.7	33.1	26.8
1973	32.1	29.1	31.2	24.5	24.3	21.1	21.5	24.1	28.7	28.1	27.6	26.6	26.6
1974	27.9	27.8	27.5	23.6	22.7	21.1	20.6	23.7	26.4	31.1	27.4	28.8	25.7
1975	28.6	26.7	25.6	24.2	23.5	20.5	21.4	23.7	28.6	29.2	30.2	27.9	25.8
1976	26.8	27.5	26.6	24.6	21.5	20.8	22.0	24.0	28.4	28.1	28.6	29.5	25.7
1977	31.4	29.8	25.6	26.3	23.9	22.3	21.7	23.9	27.0	30.4	31.2	30.0	27.0
1978	28.3	27.1	27.4	25.5	24.3	20.3	21.6	28.1	27.5	29.4	29.3	31.0	26.7
1979	29.9	30.4	29.3	28.3	24.4	20.8	19.6	24.7	28.4	30.5	28.1	29.4	27.0
1980	28.6	27.8	27.8	26.8	25.2	20.4	20.2	23.1	25.8	30.8	28.8	29.0	26.2
1981	29.4	27.1	27.0	27.0	22.6	20.9	21.6	21.6	26.1	24.3	25.3	31.8	25.4
1982	30.0	30.9	29.4	24.9	24.7	21.6	21.5	24.9	28.7	28.3	30.5	32.0	27.3
1983	32.1	32.6	29.5	27.9	24.6	21.9	21.8	22.6	29.9	28.4	29.9	28.7	27.5
1984	31.0	31.9	28.6	26.3	24.5	19.6	20.3	24.3	29.2	29.8	28.1	30.8	27.0
1985	30.3	29.1	28.9	27.2	23.7	21.8	21.6	25.1	27.0	30.6	30.8	29.2	27.1

1986	30.7	29.9	29.2	25.8	25.5	21.8	22.5	26.1	27.4	28.0	27.6	29.0	27.0
1987	29.8	31.8	28.9	29.1	26.7	20.6	21.0	23.5	24.9	28.1	29.3	29.2	26.9
1988	31.1	29.4	28.3	26.7	24.2	21.3	22.3	25.0	27.2	27.9	28.5	28.0	26.7
1989	29.4	26.8	28.2	23.7	23.8	21.2	21.4	26.3	28.0	29.1	28.3	29.1	26.3
1990	29.8	28.7	28.6	26.9	23.0	22.2	23.4	24.3	28.1	30.4	32.4	31.1	27.4
1991	30.0	29.2	26.5	26.0	24.4	21.2	22.1	25.1	28.8	30.7	29.9	29.1	26.9
1992	33.2	33.8	30.3	29.2	25.3	22.2	22.0	22.7	31.0	31.1	28.5	29.9	28.3
1993	31.1	28.8	27.8	27.1	26.3	21.8	22.4	24.0	30.0	28.5	27.4	30.3	27.1
1994	28.0	27.5	29.7	27.5	25.0	20.6	20.0	24.0	29.1	28.0	29.8	30.5	26.6
1995	30.9	31.6	28.5	26.2	22.2	20.6	22.4	25.0	29.5	30.9	29.8	28.2	27.2
1996	28.5	27.3	26.9	25.1	23.0	21.4	19.9	23.6	28.8	31.3	28.5	28.8	26.1
1997	29.5	30.1	25.8	24.4	21.7	21.6	21.1	25.2	27.0	27.9	29.5	30.4	26.2
1998	29.4	30.9	31.3	29.5	25.5	24.2	23.0	24.3	28.8	28.8	28.8	27.6	27.7
1999	28.7	30.7	29.8	28.3	24.8	22.4	21.8	25.2	27.2	29.8	31.3	29.1	27.4
2000	26.4	25.8	27.0	24.3	21.8	20.9	20.7	24.7	27.8	29.5	28.3	29.5	25.6
2001	32.2	29.0	28.5	26.9	23.6	22.2	21.3	26.7	28.7	29.5	27.6	29.4	27.1
2002	32.1	30.5	31.1	28.9	25.9	21.0	22.6	25.7	27.2	30.0	30.7	30.1	28.0
2003	31.1	32.3	32.1	30.3	25.4	21.7	22.7	24.6	29.5	31.3	30.5	32.4	28.7
2004	29.4	28.8	26.8	25.7	24.2	20.9	20.7	26.3	27.8	31.0	33.2	30.2	27.1
2005	31.5	32.6	29.0	26.4	26.5	25.8	23.5	29.5	32.8	34.1	32.2	31.5	29.6
2006	28.7	29.0	26.4	25.7	20.7	21.5	24.0	23.2	28.5	32.0	30.6	32.9	26.9
2007	33.3	34.7	32.8	28.6	25.4	22.2	21.4	25.8	31.2	26.9	29.4	28.3	28.3
2008	28.1	30.9	28.0	26.7	25.2	23.4	22.8	26.9	30.1	33.5	30.4	31.4	28.1
2009	30.9	29.8	29.1	29.2	25.8	23.3	21.3	25.7	31.7	31.6	30.1	32.2	28.4
Average (1960-2009)	30.0	29.7	28.6	26.5	24.0	21.3	21.5	24.7	28.5	29.7	29.3	29.8	

Average Summer	(November - February)	29.7
Average Winter	(May - August)	22.9
Average Spring	(September - October)	29.1
Average Autumn	(March - April)	27.5

Values in red indicate missing data replaced by average month values

Average Minimum Temperatures (Degrees Celsius) for Weather Stations: Thabazimbi, Lephalale (Ellisras) and Bela-Bela (Warmbaths)

THABAZIMBI - (1960 - 1963) and (1983 - 2009)

Average Minimum Temperatures (C) Data for station [0587697 2] - THABAZIMBI -24.6170 27.4000 1026 m (1960-1963)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1960	20.2	19.3	17.6	13.7	7.2	5.3	5.0	10.4	15.3	19.3	17.6	17.4	14.0
1961	17.9	18.7	17.0	14.5	10.3	6.8	6.0	7.9	15.4	16.9	17.7	17.2	13.9
1962	19.6	19.9	17.9	13.1	7.9	4.7	4.0	9.0	16.8	19.9	18.9	19.3	14.3
1963	19.7	20.0	17.9	13.7	8.4	5.8	5.4	8.1	15.1	18.7	18.1	18.0	14.1
Average (1960-1963)	19.4	19.5	17.6	13.8	8.5	5.7	5.1	8.9	15.7	18.7	18.1	18.0	
Average Minimum Temperatures (C) Data for station [0587697 2] - THABAZIMBI -24.6170 27.4000 1026 m (1983-2009)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1983	19.5	18.9	17.2	12.6	6.5	3.1	2.6	4.2	10.7	15.8	18.4	18.7	12.4
1984	19.3	19.1	17.0	10.6	4.9	2.1	4.0	6.3	12.5	16.9	16.4	18.0	12.3
1985	19.1	18.1	16.4	9.3	4.5	1.8	1.2	7.2	12.5	17.2	18.5	18.7	12.0

1986	19.2	17.5	16.9	13.8	7.4	2.3	2.5	6.5	12.4	15.0	16.2	18.7	12.4
1987	18.9	20.0	17.1	13.5	6.1	1.0	1.0	5.7	12.4	14.9	16.5	18.6	12.1
1988	18.8	18.3	17.2	12.6	4.5	0.7	2.2	4.2	10.2	14.6	15.6	16.8	11.3
1989	17.6	16.9	14.6	10.7	5.8	4.1	0.5	7.0	10.0	14.0	14.8	16.2	11.0
1990	17.8	15.4	15.4	11.7	4.9	1.2	4.4	5.7	12.1	16.8	19.9	19.6	12.1
1991	19.7	18.2	17.9	9.2	5.5	3.3	0.5	5.4	14.1	16.0	17.0	17.6	12.0
1992	19.5	19.6	16.6	13.3	4.7	2.4	2.0	5.0	12.5	16.7	18.0	18.9	12.4
1993	19.5	18.9	16.5	12.9	10.3	3.1	2.2	6.3	13.5	18.1	17.8	20.0	13.3
1994	19.4	19.5	17.1	12.8	5.8	3.1	-0.1	7.1	12.2	16.2	19.3	19.3	12.6
1995	20.8	20.4	18.4	13.1	9.8	2.7	3.3	8.9	14.4	18.3	19.1	17.9	13.9
1996	19.9	18.8	15.7	12.5	8.0	2.7	2.3	9.0	12.8	18.5	17.8	19.0	13.1
1997	19.5	19.2	17.4	10.3	5.5	1.4	2.7	5.5	13.5	15.7	17.0	18.9	12.2
1998	19.5	18.9	19.6	12.7	6.2	2.1	3.4	5.9	14.0	17.2	18.2	18.9	13.1
1999	19.5	20.5	19.4	16.6	13.3	5.7	4.4	6.5	12.4	16.7	18.0	18.9	14.3
2000	18.2	20.8	19.7	13.5	5.7	7.2	3.9	1.9	15.2	18.6	19.8	21.0	13.8
2001	22.9	19.6	18.6	16.1	4.9	2.4	2.4	7.4	12.4	17.2	17.6	18.7	13.4
2002	19.6	19.6	16.7	12.9	6.7	4.3	1.7	9.4	12.1	16.5	18.3	19.5	13.1
2003	19.9	20.2	16.9	15.8	7.0	5.9	1.3	5.6	12.8	18.0	19.3	20.6	13.6
2004	19.5	18.6	17.6	13.6	6.8	3.0	1.3	6.9	10.3	16.1	19.0	18.9	12.6
2005	20.2	18.8	16.7	13.2	7.5	4.6	1.8	9.4	14.2	18.5	19.6	18.1	13.6
2006	20.2	19.1	16.8	11.5	4.4	1.6	2.4	6.3	10.3	16.5	17.6	20.1	12.2
2007	18.6	18.5	17.9	13.4	2.7	3.6	1.9	5.4	14.0	16.1	17.5	18.1	12.3
2008	19.0	18.2	17.0	9.5	7.4	3.2	2.8	7.1	11.7	18.6	19.9	21.2	13.0
2009	20.7	19.6	16.1	11.3	7.8	5.6	1.0	5.2	13.0	16.8	18.3	19.1	12.9
Average (1983-2009)	19.5	18.9	17.2	12.6	6.5	3.1	2.2	6.3	12.5	16.7	18.0	18.9	

Average Summer	(November - February)	18.8
Average Winter	(May - August)	4.9
Average Spring	(September - October)	15.0
Average Autumn	(March - April)	15.0

LEPHALALE (ELLISRAS) - (1993 - 2009)

Average Minimum Temperatures (C) Data for station [0674341 8] – LEPHALALE (ELLISRAS) -23.6800 27.7000 839 m (1993-2009)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1993	20.4	20.1	18.6	14.4	9.5	6.3	5.0	8.9	13.8	18.7	18.7	19.6	14.5
1994	19.3	19.6	18.4	14.9	8.0	4.8	2.3	7.5	12.6	15.2	19.8	19.7	13.5
1995	20.6	20.5	19.3	15.1	12.1	5.3	5.9	10.3	14.5	19.3	19.7	19.0	15.1
1996	21.2	20.1	17.5	13.6	10.8	5.9	3.8	9.3	13.0	17.9	18.7	19.7	14.3
1997	20.4	19.3	18.4	12.2	8.0	4.3	5.9	8.5	15.0	16.6	18.2	20.5	13.9
1998	20.9	20.9	20.9	16.3	9.1	5.7	6.7	8.9	13.8	17.6	19.0	19.2	14.9
1999	20.0	19.5	18.9	14.9	11.3	6.3	7.3	9.0	12.6	15.2	19.6	19.9	14.5
2000	19.4	21.0	19.4	14.6	8.1	8.8	4.7	7.8	13.3	16.9	17.9	19.5	14.3
2001	20.0	20.0	18.3	15.3	9.5	6.5	6.0	10.4	13.5	16.1	17.5	20.1	14.4
2002	21.2	20.6	19.1	15.5	10.0	7.1	4.2	11.6	12.9	17.9	19.2	22.2	15.1
2003	22.4	23.3	19.9	16.6	10.4	9.4	5.6	8.4	13.5	17.9	20.7	21.3	15.8
2004	21.2	20.0	19.3	15.6	10.1	6.4	3.7	9.1	11.8	16.7	20.2	19.8	14.5
2005	21.1	20.4	18.3	15.9	10.7	7.6	5.4	11.5	14.4	17.4	19.4	18.3	15.0
2006	20.3	20.0	17.2	13.1	6.9	5.4	5.7	7.1	11.5	17.1	18.1	19.8	13.5
2007	18.6	19.0	17.6	13.4	6.1	4.4	2.7	6.4	13.6	15.2	15.8	17.3	12.5
2008	19.2	18.7	17.9	11.8	10.4	6.4	5.8	8.9	12.0	17.6	19.3	19.9	14.0
2009	20.5	19.3	17.0	12.3	9.8	6.8	4.1	6.9	13.9	17.6	19.5	21.9	14.1
Average (1993-2009)	20.4	20.1	18.6	14.4	9.5	6.3	5.0	8.9	13.3	17.1	18.9	19.9	

Average Summer	(November - February)	19.8
Average Winter	(May - August)	7.4
Average Spring	(September - October)	15.2
Average Autumn	(March - April)	16.5

BELA-BELA (WARMBATHS) - (1960-2009)

Average Minimum Temperatures (C) Data for station [0589594 1] - BELA-BELA (WARMBAD) TOWOOMBA -24.9000 28.3300 1143 m (1960 - 2009)													
YEAR	MONTH												Average (Year)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1960	15.4	16.6	15.3	11.9	6.3	3.6	2.5	8.1	11.2	15.3	14.9	16.0	11.4
1961	15.3	16.4	15.2	12.7	8.8	6.2	5.3	5.1	11.6	13.5	15.9	16.1	11.8
1962	17.5	18.0	15.3	11.9	6.9	4.3	3.3	7.1	11.7	15.6	16.5	16.3	12.0
1963	17.4	16.7	15.4	12.2	7.2	5.5	4.6	5.6	11.6	15.0	16.9	16.9	12.1
1964	17.0	18.0	17.1	13.1	6.7	1.6	0.3	5.9	11.3	14.9	15.9	16.3	11.5
1965	16.7	16.5	14.8	11.9	6.7	2.0	2.8	7.2	10.4	12.0	16.2	17.4	11.2
1966	18.9	17.4	14.8	11.7	6.8	5.6	3.5	6.0	11.0	14.4	16.4	17.4	12.0
1967	17.9	16.5	14.9	12.9	8.1	3.6	1.2	5.2	10.4	14.1	16.4	16.2	11.5
1968	17.5	16.3	14.9	10.4	7.6	0.6	4.3	6.6	10.2	13.8	13.8	17.5	11.1
1969	18.3	18.6	16.0	12.3	7.2	4.3	3.7	6.1	9.5	13.9	15.1	15.7	11.7
1970	17.5	15.4	14.5	10.7	6.7	3.8	3.1	7.1	10.8	13.1	16.2	16.5	11.3
1971	16.9	15.8	14.9	12.2	5.8	2.9	2.5	4.1	11.1	12.7	14.0	15.5	10.7
1972	17.0	15.2	15.0	11.2	4.9	1.0	1.9	4.4	8.6	14.1	14.5	17.3	10.4
1973	18.0	16.6	17.3	11.2	6.2	3.9	2.7	6.2	10.0	14.5	14.8	16.3	11.5
1974	17.5	16.7	14.9	11.2	5.5	3.2	2.9	4.7	8.1	13.9	15.5	15.8	10.8
1975	16.7	16.1	14.1	11.0	6.6	2.9	1.6	5.1	11.2	12.4	15.1	15.7	10.7
1976	16.2	15.3	14.9	10.5	5.9	2.5	1.6	2.3	10.1	12.3	14.0	15.2	10.1
1977	17.0	16.1	14.1	10.8	4.5	1.7	0.9	4.5	10.5	13.8	14.8	16.7	10.5
1978	17.6	16.6	14.8	9.7	5.6	0.1	2.8	8.7	10.1	13.2	14.9	16.0	10.8
1979	16.2	16.5	14.5	12.1	7.1	2.7	2.7	6.7	9.2	14.7	15.2	16.2	11.2
1980	16.1	16.7	14.1	9.3	5.2	1.1	1.0	5.2	9.4	12.4	14.4	15.6	10.0
1981	17.4	15.6	13.7	10.5	5.2	0.8	2.0	4.4	8.9	9.6	15.8	15.5	10.0
1982	16.2	16.2	14.6	10.6	5.4	1.9	3.2	5.4	10.3	13.2	15.2	16.9	10.8
1983	17.6	16.9	16.4	13.1	8.3	4.9	4.1	5.0	10.0	13.8	16.2	16.6	11.9
1984	16.5	16.3	15.9	10.4	5.8	3.5	4.5	6.3	11.0	15.0	14.5	16.2	11.3
1985	17.7	17.1	15.3	9.8	6.9	3.5	2.6	7.6	11.3	14.7	15.5	16.3	11.5

1986	17.5	16.3	15.1	13.1	7.7	3.9	3.8	8.2	10.5	13.7	14.9	16.2	11.7
1987	16.9	18.4	15.8	12.4	8.0	2.1	2.2	5.6	11.7	13.1	16.7	17.7	11.7
1988	17.4	17.6	16.5	14.8	6.0	3.3	2.9	6.4	10.2	13.8	14.5	16.1	11.6
1989	17.2	16.9	14.8	11.1	7.9	6.1	2.9	8.2	8.9	13.1	14.6	15.8	11.5
1990	17.1	15.6	15.4	12.5	6.5	3.3	3.7	4.8	8.7	13.7	16.1	17.1	11.2
1991	17.9	17.0	15.7	9.3	6.6	4.3	2.6	5.9	11.7	14.5	15.5	16.2	11.4
1992	17.5	18.1	15.4	12.9	6.0	3.7	3.3	5.6	14.2	14.6	15.3	17.6	12.0
1993	17.2	16.9	14.7	11.6	7.6	2.7	4.8	5.5	10.8	15.7	14.9	17.5	11.7
1994	17.2	16.6	15.0	11.3	5.4	2.2	0.2	5.6	10.1	12.4	16.1	16.8	10.7
1995	17.5	17.4	16.3	11.8	8.7	2.4	3.4	7.6	11.5	15.4	16.7	15.4	12.0
1996	17.8	17.3	14.0	10.3	7.8	3.3	1.9	6.2	10.0	14.6	15.8	16.2	11.3
1997	17.5	16.9	15.5	9.7	5.8	3.0	3.1	6.0	11.6	12.6	14.8	16.7	11.1
1998	17.2	17.2	16.2	12.2	5.5	2.7	3.6	4.4	10.8	14.1	14.8	16.1	11.2
1999	16.5	16.1	15.2	11.6	8.1	3.1	4.5	5.4	9.2	12.0	16.7	16.7	11.3
2000	16.1	17.1	16.4	11.1	5.2	4.9	1.5	5.3	9.7	13.7	14.1	15.8	10.9
2001	16.5	16.5	14.7	12.4	6.4	3.4	2.6	7.3	10.4	14.5	16.2	16.5	11.5
2002	18.0	17.1	14.8	12.0	7.1	3.9	0.9	8.2	9.8	12.7	13.8	17.3	11.3
2003	17.0	18.2	14.8	13.2	6.6	4.6	1.9	4.8	10.2	14.7	17.7	18.7	11.9
2004	18.6	16.8	16.0	13.1	6.8	2.9	1.1	6.5	7.9	13.9	16.5	17.0	11.4
2005	18.4	17.4	15.1	12.2	7.4	5.8	2.2	8.0	11.6	14.6	17.1	17.1	12.2
2006	18.6	18.0	15.6	11.4	5.0	3.0	3.1	4.1	7.7	13.7	14.9	17.1	11.0
2007	15.8	16.2	15.4	11.9	4.9	3.5	1.7	3.8	12.0	13.2	14.8	14.9	10.7
2008	15.8	15.1	14.0	8.1	6.3	2.9	2.0	5.3	7.6	14.3	15.9	16.6	10.3
2009	17.9	17.3	15.2	11.0	7.8	6.1	1.7	5.4	11.8	15.3	15.5	16.8	11.8
Average (1960-2009)	17.2	16.8	15.2	11.5	6.6	3.3	2.7	5.9	10.4	13.8	15.5	16.5	

Average Summer	(November - February)	16.5
Average Winter	(May - August)	4.6
Average Spring	(September - October)	12.1
Average Autumn	(March - April)	13.4

Values in red indicate missing data replaced by average month values

Average Rainfall for Weather Stations: Thabazimbi, Lephalale (Ellisras), Bela-Bela (Warmbaths), Tom Burke SAPS, Mookgophong (Naboomspruit), Modimolle (Nylstroom), Vaalwater and Dwaalboom

THABAZIMBI - (1960-2009)

Average Yearly Rainfall (mm) Data for station [0587697 2] - THABAZIMBI -24.6170 27.4000 1026 m (1960 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1960	35.8	98.5	79.5	74.5	14.0	0.0	1.0	18.1	1.5	18.6	187.0	127.6	656.1	54.7
1961	50.5	78.7	55.0	75.9	32.4	10.5	1.0	0.0	2.5	22.0	123.7	101.7	553.9	46.2
1962	86.5	30.5	23.0	77.5	0.0	3.5	0.0	2.5	0.0	21.0	97.5	76.3	418.3	34.9
1963	78.5	35.4	1.9	55.1	9.1	51.3	0.5	0.0	0.0	57.5	86.8	67.6	443.7	37.0
1964	143.0	39.5	4.0	42.0	0.0	1.0	0.0	0.0	5.5	151.0	68.0	103.5	557.5	46.5
1965	60.0	46.5	11.0	64.0	0.0	0.0	0.0	0.0	2.0	0.0	91.0	35.5	310.0	25.8
1966	90.5	67.0	9.0	24.0	2.5	32.0	0.0	0.0	63.5	53.5	41.0	111.0	494.0	41.2
1967	326.5	198.5	100.5	158.0	0.0	0.0	0.0	16.5	0.0	20.0	89.5	35.2	944.7	78.7
1968	147.5	50.5	88.0	78.5	38.0	0.0	0.0	0.0	0.0	9.0	103.0	84.5	599.0	49.9
1969	38.0	83.5	138.0	21.5	27.0	0.0	0.0	1.5	0.0	52.5	57.0	233.5	652.5	54.4
1970	144.0	36.0	35.5	10.5	11.0	8.0	7.5	0.0	13.5	55.0	89.5	109.0	519.5	43.3
1971	202.0	120.0	47.0	38.5	20.0	0.0	0.0	0.0	15.5	46.0	152.0	68.0	709.0	59.1

1972	227.0	50.5	143.0	16.0	6.0	0.0	0.0	0.0	4.0	12.5	92.0	66.0	617.0	51.4
1973	62.5	166.5	57.5	40.0	1.5	0.0	0.0	0.0	15.0	94.5	83.0	169.0	689.5	57.5
1974	98.5	54.5	120.5	32.0	4.0	0.0	0.0	6.5	18.0	20.5	92.0	165.5	612.0	51.0
1975	205.0	144.0	30.0	131.5	41.5	5.0	0.0	0.0	0.0	10.0	46.5	189.5	803.0	66.9
1976	127.0	122.5	108.5	30.0	32.5	0.0	0.0	0.0	17.5	60.0	107.5	148.5	754.0	62.8
1977	192.0	55.0	100.5	79.0	0.0	0.0	0.0	18.5	98.0	48.0	45.5	204.0	840.5	70.0
1978	325.0	108.0	98.0	41.0	0.0	0.0	0.0	3.0	20.0	54.0	58.5	57.5	765.0	63.8
1979	59.5	95.5	108.0	22.0	40.0	0.0	2.0	23.0	11.0	76.0	174.0	55.0	666.0	55.5
1980	151.5	103.5	53.0	23.5	0.0	0.0	0.0	0.0	29.5	30.5	112.0	157.5	661.0	55.1
1981	141.0	71.0	85.0	18.0	0.0	9.0	0.0	22.0	16.5	8.0	124.5	58.5	553.5	46.1
1982	152.0	54.5	120.5	13.0	17.0	0.0	10.0	0.0	0.0	77.0	53.5	158.9	656.4	54.7
1983	65.4	16.0	90.0	44.0	2.0	9.0	0.0	20.0	15.0	27.5	130.0	135.2	554.1	46.2
1984	14.5	24.0	126.0	0.0	0.0	41.0	29.0	0.0	10.0	96.0	96.0	172.9	609.4	50.8
1985	133.1	63.0	53.0	0.0	2.0	0.0	0.0	10.0	6.0	58.5	26.5	152.1	504.2	42.0
1986	68.5	72.5	80.5	56.0	1.0	0.0	0.0	4.0	29.5	88.0	130.0	102.5	632.5	52.7
1987	68.5	87.5	104.5	14.0	0.0	0.0	0.0	18.0	8.5	34.0	144.0	98.5	577.5	48.1
1988	103.0	163.5	140.5	54.5	0.0	1.0	0.0	8.0	37.0	92.5	32.0	144.0	776.0	64.7
1989	54.5	240.5	43.5	42.5	0.0	7.8	0.0	6.5	0.0	37.9	103.7	135.6	672.5	56.0
1990	78.6	111.2	94.0	57.0	0.0	0.0	0.0	0.0	10.3	22.1	18.0	69.2	460.4	38.4
1991	268.3	141.3	206.9	0.0	0.0	6.5	0.0	0.0	4.0	34.0	115.0	148.0	924.0	77.0
1992	34.5	46.7	82.6	34.6	0.0	2.5	0.0	0.0	0.0	38.0	131.7	80.5	451.1	37.6
1993	53.9	143.2	159.7	43.4	0.0	0.0	0.5	0.0	18.0	74.4	76.3	136.7	706.1	58.8
1994	115.9	107.5	12.7	3.8	0.0	0.0	0.0	0.0	0.8	50.3	30.1	119.1	440.2	36.7
1995	76.8	46.8	110.5	19.1	19.0	0.0	0.0	5.5	1.0	52.0	123.4	144.6	598.7	49.9
1996	127.8	324.4	52.5	42.0	7.3	0.0	1.9	0.0	0.4	47.8	77.4	148.7	830.2	69.2
1997	261.1	20.6	133.4	11.0	49.3	1.0	1.1	0.3	42.7	22.0	76.6	96.8	715.9	59.7
1998	115.1	55.2	17.7	0.0	0.0	0.0	0.0	2.0	2.9	29.7	78.9	251.2	552.7	46.1
1999	95.1	18.9	24.7	26.8	71.5	0.5	0.0	0.0	2.7	42.4	24.0	265.3	571.9	47.7
2000	308.0	237.8	119.9	27.0	23.0	15.9	1.3	0.0	0.0	74.4	90.1	64.5	961.9	80.2
2001	11.1	148.7	36.3	48.0	35.8	2.3	0.0	0.0	19.1	129.3	176.1	66.0	672.7	56.1
2002	26.1	35.8	35.6	36.4	1.0	44.3	0.0	2.0	11.0	60.7	0.7	207.8	461.4	38.5
2003	111.3	75.1	17.4	3.4	0.0	17.3	0.0	0.0	0.0	42.2	134.3	122.5	523.5	43.6

2004	130.2	159.8	196.1	63.9	0.0	0.7	13.7	0.0	0.0	2.1	67.3	83.6	717.4	59.8
2005	84.3	18.7	72.5	35.3	0.0	0.0	0.0	0.0	0.0	0.0	165.9	110.5	487.2	40.6
2006	256.2	326.8	54.3	0.0	4.0	4.1	0.0	6.9	0.0	76.5	56.7	116.8	902.3	75.2
2007	73.9	10.8	0.5	33.8	0.0	0.0	4.3	0.0	52.0	92.5	21.8	176.3	465.9	38.8
2008	194.4	37.6	104.3	0.0	14.0	3.0	3.4	0.0	0.0	1.2	122.7	72.3	552.9	46.1
2009	169.8	100.4	62.4	0.0	11.7	64.2	0.0	0.6	35.0	111.4	45.8	2.5	603.8	50.3
Average (1960-2009)	124.9	94.9	77.0	37.3	10.8	6.8	1.5	3.9	12.8	48.7	89.4	120.1	628.1	

Average Summer	(November - February)	107.3
Average Winter	(May - August)	5.8
Average Spring	(September - October)	30.7
Average Autumn	(March - April)	57.1

LEPHALALE (ELLISRAS) - (1993-2009)

Average Yearly Rainfall (mm) Data for station [0674341 8] – LEPHALALE (ELLISRAS) -23.6800 27.7000 839 m (1993 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1993	77.7	52.0	50.3	26.2	12.2	4.2	1.3	0.2	0.4	50.0	81.4	115.8	471.7	39.3
1994	71.0	60.8	26.0	4.2	0.0	0.0	0.0	0.0	0.4	15.2	55.0	76.8	309.4	25.8
1995	90.6	43.6	94.8	27.2	26.4	0.0	0.0	0.0	0.0	24.8	61.8	157.0	526.2	43.9
1996	105.2	172.2	36.0	1.2	14.6	0.0	17.0	0.0	0.8	32.8	108.6	62.0	550.4	45.9
1997	180.0	35.4	93.6	2.6	38.8	0.0	0.0	0.0	7.6	10.4	73.8	28.8	471.0	39.3
1998	32.2	17.2	28.0	24.0	0.0	0.0	0.0	0.0	3.6	27.2	75.0	197.8	405.0	33.8
1999	24.4	57.0	32.0	12.0	20.0	0.0	0.6	0.0	1.6	21.2	90.6	86.4	345.8	28.8
2000	86.0	64.4	104.8	102.4	9.4	9.0	0.2	0.0	0.2	0.0	25.8	62.6	464.8	38.7
2001	21.4	74.4	16.8	11.2	7.2	21.4	0.0	0.2	0.2	18.2	142.0	104.6	417.6	34.8
2002	26.0	9.0	8.6	107.2	43.0	5.6	0.8	0.6	3.0	47.0	0.4	57.2	308.4	25.7
2003	83.6	31.0	9.2	0.4	0.0	22.8	0.0	0.0	1.6	21.0	20.2	48.0	237.8	19.8

2004	98.4	94.8	121.4	41.0	9.0	0.0	0.0	0.0	0.0	9.0	14.4	107.4	495.4	41.3
2005	9.8	17.4	3.2	35.2	0.0	0.0	0.0	0.0	0.0	0.0	73.4	42.4	181.4	15.1
2006	143.6	68.8	52.2	12.4	11.0	0.0	0.0	2.0	1.6	3.2	42.0	81.4	418.2	34.9
2007	11.8	24.2	47.4	36.6	0.0	0.2	1.4	0.0	30.2	90.2	113.4	74.6	430.0	35.8
2008	142.4	0.0	60.8	1.2	11.0	0.0	1.0	0.0	0.0	15.2	166.2	80.8	478.6	39.9
2009	116.8	62.0	69.8	0.6	4.8	8.4	0.2	0.0	0.0	42.6	74.6	85.4	465.2	38.8
Average (1993-2009)	77.7	52.0	50.3	26.2	12.2	4.2	1.3	0.2	3.0	25.2	71.7	86.4	410.4	

Average Summer	(November - February)	72.0
Average Winter	(May - August)	4.5
Average Spring	(September - October)	14.1
Average Autumn	(March - April)	38.3

BELA-BELA (WARMBATHS) - (1960-2009)

Average Yearly Rainfall (mm) Data for station [0589594 1] - WARMBAD (BELA-BELA) TOWOOMBA -24.9000 28.3300 1143 m (1960 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1960	38.0	30.5	88.0	64.3	8.0	0.1	0.1	12.4	0.9	30.5	214.9	158.2	645.9	53.8
1961	60.5	67.3	62.1	51.9	29.2	12.0	0.4	0.6	19.2	36.7	123.9	78.3	542.1	45.2
1962	79.8	31.9	34.4	47.7	0.1	1.3	0.0	6.3	0.0	39.8	114.4	54.2	409.9	34.2
1963	89.0	27.7	11.5	37.9	2.0	56.8	10.3	0.0	0.0	62.3	65.1	136.4	499.0	41.6
1964	176.2	23.5	45.9	31.0	1.9	0.0	0.0	0.0	2.5	180.2	21.6	173.1	655.9	54.7
1965	79.1	49.7	18.1	41.6	2.0	0.2	0.0	0.9	10.3	5.1	74.5	76.3	357.8	29.8
1966	72.2	96.2	4.2	17.4	1.1	12.5	0.0	0.0	22.5	63.6	194.9	130.7	615.3	51.3
1967	147.8	212.4	74.8	162.5	10.6	0.0	3.3	10.7	1.5	28.2	116.8	63.8	832.4	69.4
1968	91.1	45.1	108.9	49.6	17.4	0.0	0.0	2.0	0.0	47.3	109.8	119.3	590.5	49.2
1969	68.3	85.7	140.8	12.2	25.5	0.0	0.0	2.5	9.9	64.5	123.4	146.6	679.4	56.6
1970	25.5	34.8	35.1	10.8	8.7	0.2	13.5	0.0	5.7	77.7	79.9	152.2	444.1	37.0

1971	221.2	125.5	34.2	60.3	26.0	0.1	0.0	0.0	16.8	42.9	106.2	76.0	709.2	59.1
1972	160.5	60.1	107.4	18.4	4.1	0.0	0.0	0.1	14.2	6.8	87.8	87.2	546.6	45.6
1973	118.7	45.7	16.1	37.5	0.0	0.2	0.0	0.0	38.8	79.9	106.7	200.5	644.1	53.7
1974	104.3	76.2	82.4	65.9	1.6	2.0	6.4	5.5	20.3	31.0	79.5	143.2	618.3	51.5
1975	212.8	279.3	61.1	90.9	14.9	6.0	0.0	1.0	0.0	15.2	111.4	158.6	951.2	79.3
1976	200.1	146.7	110.1	41.9	33.0	0.0	0.0	0.0	19.2	45.3	156.5	134.9	887.7	74.0
1977	86.4	54.4	181.0	22.6	7.6	0.5	0.0	16.0	60.2	70.2	103.2	97.7	699.8	58.3
1978	246.7	88.9	61.9	16.3	0.2	0.0	2.3	3.2	15.9	66.2	117.3	13.0	631.9	52.7
1979	148.9	88.7	102.1	12.4	3.0	0.0	1.6	12.5	6.7	61.0	158.6	67.0	662.5	55.2
1980	146.7	114.6	24.5	19.4	0.0	0.0	0.0	0.0	50.9	19.6	134.6	103.9	614.2	51.2
1981	181.5	48.7	80.7	21.5	3.0	3.9	0.0	16.5	11.4	70.5	72.5	79.8	590.0	49.2
1982	194.8	41.6	39.0	41.0	0.0	0.0	6.4	0.0	0.0	63.1	40.2	92.4	518.5	43.2
1983	155.7	44.0	118.1	23.1	2.9	11.3	5.8	25.7	1.3	90.1	137.7	159.5	775.2	64.6
1984	122.8	16.7	138.6	1.8	1.0	25.0	12.6	0.0	0.0	80.7	50.7	143.0	592.9	49.4
1985	118.6	101.4	84.0	1.0	14.2	0.0	4.0	15.6	22.6	65.5	39.6	149.8	616.3	51.4
1986	44.9	76.4	69.4	49.9	0.0	4.9	0.0	0.3	4.0	98.1	140.9	290.9	779.7	65.0
1987	122.3	125.7	67.0	1.6	0.0	0.0	0.0	8.0	71.3	33.4	167.4	163.3	760.0	63.3
1988	39.0	88.3	107.2	43.9	0.0	6.3	0.0	1.9	36.2	133.0	18.4	75.0	549.2	45.8
1989	32.4	155.9	101.7	64.5	0.0	26.2	0.0	26.8	0.0	40.8	138.6	264.6	851.5	71.0
1990	44.2	81.6	92.8	48.7	11.0	0.0	5.0	0.0	6.2	27.4	30.2	97.9	445.0	37.1
1991	131.8	118.7	132.4	0.0	2.0	4.6	0.0	4.8	6.7	80.1	69.9	130.4	681.4	56.8
1992	24.0	83.6	41.4	7.0	0.0	18.0	0.0	0.6	0.0	51.3	75.8	154.4	456.1	38.0
1995	116.8	39.0	111.6	52.2	35.0	0.0	0.0	0.0	0.0	48.9	109.5	136.5	649.5	54.1
1996	159.2	213.1	38.5	2.1	42.6	0.0	22.3	0.0	0.0	48.6	122.2	154.8	803.4	67.0
1997	49.8	114.2	239.5	29.6	73.9	2.0	1.0	2.2	25.6	81.5	107.6	106.7	833.6	69.5
1998	174.6	39.6	52.7	12.2	0.0	0.0	0.0	0.0	23.9	78.1	188.1	244.4	813.6	67.8
1999	92.7	13.6	35.0	18.4	43.1	2.3	0.0	0.0	3.5	12.8	45.4	209.9	476.7	39.7
2000	169.1	207.8	112.4	78.4	16.0	14.4	0.0	1.3	0.0	27.1	136.2	151.6	914.3	76.2
2001	28.6	79.3	14.1	57.6	26.0	8.6	0.0	0.0	10.3	55.8	121.2	38.9	440.4	36.7
2002	32.4	71.6	10.0	32.0	28.3	1.0	0.0	49.3	4.0	79.9	14.6	138.2	461.3	38.4
2003	68.2	28.4	12.0	16.0	0.0	0.0	0.0	0.0	4.3	0.0	52.0	108.7	289.6	24.1
2004	110.8	128.6	196.5	23.9	18.5	0.0	0.0	0.0	0.0	12.5	48.8	91.1	630.7	52.6

2005	54.9	69.3	58.0	46.8	11.7	0.0	0.0	0.0	0.0	0.0	102.3	40.2	383.2	31.9
2006	219.2	137.5	93.8	0.0	0.0	0.0	0.0	6.0	0.0	32.0	48.8	87.6	624.9	52.1
2007	28.2	0.0	0.0	34.6	0.0	27.4	7.2	0.0	36.6	116.4	138.6	81.6	470.6	39.2
2008	298.4	25.2	94.0	9.2	20.4	1.2	0.0	0.0	0.0	13.4	123.2	64.8	649.8	54.2
2009	169.8	97.6	182.4	0.0	17.0	33.2	3.4	0.0	16.6	59.0	70.4	125.6	775.0	64.6
Average (1960-2009)	115.8	84.0	77.7	33.9	11.7	5.9	2.2	4.8	12.5	53.6	100.2	124.0	626.5	

Average Summer	(November - February)	106.0
Average Winter	(May - August)	6.2
Average Spring	(September - October)	33.1
Average Autumn	(March - April)	55.8

TOM BURKE SAPS - (1960-2009)

Average Yearly Rainfall (mm) Data for station [0718874 2] - TOM BURKE SAPS -23.0700 28.0000 829 m (1960 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1960	13.8	60.3	64.7	39.2	2.8	0.7	0.0	7.7	0.7	8.0	91.9	179.3	469.1	39.1
1961	31.9	84.6	31.0	33.0	19.8	7.6	0.0	0.0	0.0	2.7	26.8	47.5	284.9	23.7
1962	63.2	7.1	49.2	58.8	1.4	0.0	0.0	0.0	0.0	0.0	114.7	81.3	375.7	31.3
1963	233.3	11.0	21.1	58.4	15.3	4.7	2.5	0.0	0.0	94.1	17.1	106.2	563.7	47.0
1964	66.8	1.6	2.8	0.4	0.0	0.0	0.0	6.4	0.0	64.8	90.2	35.9	268.9	22.4
1965	8.4	24.9	3.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	42.3	14.4	101.8	8.5
1966	86.0	70.2	1.3	12.0	0.0	3.0	0.0	0.3	0.8	29.6	121.4	63.5	388.1	32.3
1967	150.2	106.4	39.7	34.5	7.3	0.0	0.0	0.0	0.0	59.0	19.5	0.0	416.6	34.7
1968	21.0	34.2	55.3	67.4	20.0	1.3	0.0	0.0	0.0	11.3	136.0	75.7	422.2	35.2
1969	37.8	50.3	193.6	37.5	19.9	0.0	0.0	0.0	4.5	81.3	44.3	157.6	626.8	52.2
1970	0.0	60.8	36.1	0.0	0.0	21.5	3.7	0.0	0.0	19.2	43.8	129.8	314.9	26.2
1971	170.5	50.5	9.0	16.1	33.5	0.0	0.0	0.0	15.0	30.2	223.5	56.3	604.6	50.4
1972	313.8	87.1	59.5	6.0	4.0	0.0	0.0	0.0	20.2	1.5	69.3	25.4	586.8	48.9

1973	45.5	46.7	20.2	40.2	1.8	0.0	0.0	0.0	50.9	60.5	73.0	117.5	456.3	38.0
1974	121.5	84.0	16.2	11.0	0.0	2.3	1.9	2.5	8.6	32.0	64.0	84.5	428.5	35.7
1975	170.7	55.1	16.0	91.5	27.0	0.0	0.0	0.0	0.0	0.0	24.0	191.5	575.8	48.0
1976	17.5	152.4	91.5	2.5	29.0	0.0	0.0	0.0	4.5	22.0	88.5	110.0	517.9	43.2
1977	79.5	131.0	109.5	71.3	0.0	0.0	0.0	0.0	77.5	0.0	0.0	67.9	536.7	44.7
1978	171.5	100.0	20.0	24.5	0.0	0.0	0.0	3.5	25.5	87.5	74.0	75.0	581.5	48.5
1979	65.5	14.5	0.0	25.0	9.0	0.0	0.0	55.0	0.0	59.0	21.0	0.0	249.0	20.8
1980	153.0	124.0	17.0	0.0	0.0	0.0	0.0	0.0	28.5	47.5	163.5	36.5	570.0	47.5
1981	243.0	66.5	0.0	14.5	0.0	0.0	0.0	0.0	0.0	23.5	43.9	27.0	418.4	34.9
1982	66.5	92.5	14.5	21.5	0.0	0.0	0.0	0.0	0.0	89.0	40.5	44.7	369.2	30.8
1983	38.5	3.0	110.5	12.0	0.0	0.0	0.0	30.0	0.0	17.5	62.0	36.0	309.5	25.8
1984	30.5	18.5	94.0	0.0	0.0	3.0	14.0	0.0	53.0	26.5	56.0	7.0	302.5	25.2
1985	185.5	44.0	58.0	0.0	10.5	0.0	0.0	17.5	2.0	37.0	8.0	59.0	421.5	35.1
1986	23.0	41.5	36.5	78.5	0.0	0.0	0.0	0.0	8.0	77.0	69.0	52.5	386.0	32.2
1987	45.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0	20.0	32.5	144.0	314.5	26.2
1988	178.0	109.5	116.5	75.0	0.0	6.0	0.0	0.0	22.0	58.5	60.5	25.0	651.0	54.3
1989	45.5	92.0	18.0	43.5	0.0	18.0	0.0	0.0	0.0	0.0	73.5	58.8	349.3	29.1
1990	106.0	47.5	24.5	10.0	0.0	0.0	0.0	0.0	0.0	11.5	43.5	104.5	347.5	29.0
1991	131.7	107.5	72.0	2.5	32.5	6.0	0.0	0.0	0.0	0.0	19.5	89.0	460.7	38.4
1992	65.5	10.5	10.5	0.0	0.0	0.0	0.0	0.0	9.0	28.0	88.5	84.5	296.5	24.7
1993	17.9	51.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	92.0	125.0	293.4	24.5
1994	21.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	30.0	56.5	183.5	15.3
1995	89.5	102.0	68.3	20.0	0.0	0.0	0.0	0.0	0.0	27.0	66.0	97.0	469.8	39.2
1996	178.0	77.0	51.0	0.0	2.0	0.0	57.0	0.0	4.0	32.0	64.5	108.0	573.5	47.8
1997	83.0	89.0	117.5	13.0	14.5	0.0	0.0	0.0	13.5	45.2	44.0	4.0	423.7	35.3
1998	51.5	21.0	37.0	15.0	0.0	0.0	0.0	0.0	6.0	12.5	46.0	166.5	355.5	29.6
1999	56.5	35.0	13.0	20.0	0.0	0.0	15.0	0.0	3.0	9.5	63.5	104.0	319.5	26.6
2000	165.0	271.0	129.0	47.0	37.5	13.0	0.0	0.0	0.0	56.0	45.0	61.0	824.5	68.7
2001	25.0	88.0	26.5	48.0	10.0	14.0	0.0	0.0	0.0	22.0	202.5	28.5	464.5	38.7
2002	48.0	28.0	7.0	35.5	2.0	2.7	0.0	0.0	9.0	35.5	0.0	64.0	231.7	19.3
2003	10.1	196.5	0.0	0.0	0.0	13.0	0.0	0.0	0.0	14.0	9.5	57.5	300.6	25.1
2004	96.0	36.5	65.5	0.0	0.0	0.0	0.0	0.0	0.0	38.5	20.0	96.0	352.5	29.4

2005	68.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.0	39.0	298.0	24.8
2006	101.5	167.0	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5	87.0	443.5	37.0
2007	16.0	6.0	37.0	47.5	0.0	0.0	0.0	0.0	0.0	138.0	71.0	153.0	468.5	39.0
2008	0.0	20.5	26.5	6.0	0.0	0.0	0.0	0.0	0.0	12.0	44.0	64.5	173.5	14.5
2009	135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	36.0	104.2	317.7	26.5
Average (1960-2009)	86.8	65.4	40.7	22.9	6.0	2.3	1.9	2.5	8.6	32.0	64.0	76.1	409.2	

Average Summer	(November - February)	73.1
Average Winter	(May - August)	3.2
Average Spring	(September - October)	20.3
Average Autumn	(March - April)	31.8

MOOKGOPHONG (NABOOMSPRUIT) - (1960-2009)

Average Yearly Rainfall (mm) Data for station [0590361 X] - NABOOMSPRUIT (MOOKGOPHONG) -24.5200 28.7200 1113 m (1960 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1960	28.2	33.5	46.3	63.9	14.5	4.0	11.0	8.0	1.5	11.3	213.7	257.2	693.1	57.8
1961	19.4	167.2	100.0	31.0	18.3	6.4	0.0	0.0	36.4	55.5	51.5	107.0	592.7	49.4
1962	67.3	21.0	80.0	58.6	0.0	0.2	0.0	0.5	0.1	75.2	222.1	175.5	700.5	58.4
1963	73.8	33.5	42.0	65.5	2.0	12.0	5.5	0.0	0.0	49.5	31.0	110.2	425.0	35.4
1964	87.2	115.0	8.7	49.6	0.0	0.0	0.0	0.0	0.0	159.2	56.7	145.8	622.2	51.9
1965	130.7	39.0	1.5	39.9	4.5	0.0	0.0	0.5	32.5	0.0	75.5	42.5	366.6	30.6
1966	27.5	39.0	0.0	27.0	0.0	14.0	0.0	0.0	10.5	33.0	86.8	129.1	366.9	30.6
1967	106.9	154.0	66.9	70.1	9.0	0.0	0.0	8.0	13.5	16.3	82.9	89.2	616.8	51.4
1968	72.9	0.0	32.5	82.9	18.0	0.0	0.0	0.0	0.0	54.5	138.8	129.0	528.6	44.1
1969	45.5	67.9	65.0	37.5	0.0	0.0	0.0	0.0	15.0	43.0	138.5	143.5	555.9	46.3
1970	7.9	27.5	36.0	0.0	32.5	0.0	15.5	0.0	4.0	42.5	86.6	93.8	346.3	28.9
1971	163.5	86.0	9.5	64.5	12.5	11.0	0.0	0.0	9.5	45.0	113.2	54.0	568.7	47.4

1972	201.0	69.5	127.5	50.0	0.0	0.0	0.0	0.0	13.5	17.5	132.0	65.4	676.4	56.4
1973	115.0	139.0	56.2	144.6	0.0	0.0	0.0	0.0	74.5	60.3	87.6	255.3	932.5	77.7
1974	203.0	58.5	8.0	83.5	0.0	0.0	12.5	0.0	5.2	35.0	64.0	194.0	663.7	55.3
1975	270.8	127.5	37.0	118.1	13.0	20.0	0.0	0.0	0.0	21.2	61.0	252.6	921.2	76.8
1976	123.0	212.0	121.0	31.0	22.0	0.0	0.0	0.0	39.5	59.0	75.5	52.5	735.5	61.3
1977	114.0	83.5	157.0	15.0	4.5	0.0	0.0	0.0	64.5	40.5	45.0	129.0	653.0	54.4
1978	300.9	135.0	62.7	15.0	4.5	0.0	0.0	1.0	30.0	57.5	57.5	104.0	768.1	64.0
1979	90.4	56.0	33.3	35.0	0.0	0.0	0.0	19.0	0.0	95.5	202.5	96.5	628.2	52.4
1980	169.5	111.5	33.5	9.0	0.0	0.0	0.0	0.0	45.3	8.3	182.5	53.5	613.1	51.1
1981	181.5	143.5	37.5	3.0	0.0	0.0	0.0	0.0	16.5	37.0	26.8	37.7	483.5	40.3
1982	189.2	104.5	21.5	21.5	0.0	0.0	0.0	0.0	15.0	52.0	53.0	60.0	516.7	43.1
1983	86.0	16.0	151.0	38.0	0.0	0.0	0.0	25.0	0.0	55.5	235.0	85.0	691.5	57.6
1984	63.5	25.0	150.0	0.0	0.0	21.0	23.0	0.0	5.0	111.0	54.5	19.5	472.5	39.4
1985	66.5	197.5	143.0	3.5	26.5	0.0	0.0	0.0	10.5	39.0	95.0	124.0	705.5	58.8
1986	28.5	67.5	24.0	21.0	0.0	0.0	0.0	0.0	19.0	57.0	72.0	192.0	481.0	40.1
1987	116.5	55.5	57.0	4.0	0.0	0.0	0.0	0.0	103.0	74.5	221.0	209.5	841.0	70.1
1988	53.5	23.5	86.0	47.0	0.0	15.0	0.0	5.0	25.0	87.5	32.0	81.2	455.7	38.0
1989	0.0	83.0	58.8	0.0	0.0	54.5	0.1	0.0	0.0	43.5	85.0	44.1	369.0	30.8
1990	84.6	21.0	97.5	39.5	0.0	0.0	0.0	0.0	0.0	7.5	59.8	112.9	422.8	35.2
1991	82.5	132.0	153.5	0.0	14.5	5.0	0.0	0.0	5.0	10.0	42.0	64.0	508.5	42.4
1992	111.0	34.5	71.6	16.0	0.0	10.0	0.0	0.0	0.0	5.0	41.7	256.5	546.3	45.5
1993	108.5	114.0	90.0	43.0	0.0	0.0	0.0	3.0	3.0	104.5	75.0	109.1	650.1	54.2
1994	79.0	132.0	91.0	0.0	0.0	0.0	0.0	0.0	4.0	79.5	67.0	55.0	507.5	42.3
1995	116.0	63.0	77.0	102.0	0.0	0.0	0.0	2.7	28.0	33.1	138.3	178.8	738.9	61.6
1996	265.7	181.3	90.5	5.5	13.0	0.0	0.0	0.0	0.0	57.0	95.0	250.0	958.0	79.8
1997	40.0	36.0	96.0	43.5	65.0	1.5	0.0	0.0	20.0	113.0	115.0	0.0	530.0	44.2
1998	52.4	5.6	34.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	31.0	149.4	12.5
1999	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	29.0	84.0	109.0	252.0	21.0
2000	23.0	273.5	0.0	0.0	0.0	24.0	0.0	1.8	15.8	50.3	102.4	119.2	610.0	50.8
2001	21.0	266.0	7.0	59.0	20.0	0.0	0.0	0.0	2.0	71.5	271.0	211.0	928.5	77.4
2002	75.5	99.5	17.0	41.0	28.0	0.0	5.0	1.5	0.0	79.0	12.0	148.5	507.0	42.3
2003	133.0	68.5	10.5	17.5	0.0	13.5	0.0	1.8	24.0	44.5	47.5	113.0	473.8	39.5

2004	142.0	157.0	202.5	70.5	3.0	0.0	1.5	0.0	0.0	17.5	72.0	194.0	860.0	71.7
2005	110.5	74.0	84.5	42.5	0.0	0.0	0.0	0.0	0.0	3.0	96.0	82.0	492.5	41.0
2006	120.0	219.0	105.0	28.0	0.0	0.0	0.0	10.0	0.0	76.5	133.0	96.0	787.5	65.6
2007	13.0	13.0	43.0	24.0	0.0	0.0	17.0	0.0	63.5	75.0	206.0	88.0	542.5	45.2
2008	225.0	31.0	76.5	0.0	11.5	0.0	0.0	0.0	0.0	30.0	152.0	106.0	632.0	52.7
2009	143.0	130.5	51.0	0.0	20.0	26.0	3.0	0.0	22.0	94.0	205.0	105.0	799.5	66.6
Average (1960-2009)	103.0	91.2	65.0	35.2	7.1	4.8	1.9	1.8	15.8	50.3	102.4	119.2	597.8	

Average Summer	(November - February)	104.0
Average Winter	(May - August)	3.9
Average Spring	(September - October)	33.1
Average Autumn	(March - April)	50.1

MODIMOLLE (NYLSTROOM) - (1960-2009)

Average Yearly Rainfall (mm) Data for station [0589732A5] - NYLSTROOM (MODIMOLLE) -24.7050 28.4210 1164 m (1960 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1960	49.5	20.5	77.5	53.0	11.5	0.0	0.0	9.0	0.0	22.5	250.8	123.9	618.2	51.5
1961	89.0	113.8	80.8	72.5	25.5	3.0	0.0	0.0	13.6	34.0	76.9	125.0	634.1	52.8
1962	114.5	53.5	54.3	44.8	0.0	0.0	0.0	3.0	0.0	33.5	105.1	78.5	487.2	40.6
1963	64.5	7.0	55.0	32.0	5.5	43.5	9.0	0.0	0.0	39.5	106.5	92.0	454.5	37.9
1964	158.8	55.0	29.0	25.5	0.5	0.0	0.0	0.0	0.0	98.0	50.0	87.5	504.3	42.0
1965	89.0	42.0	5.0	44.0	0.0	0.0	0.0	0.0	13.5	3.5	50.0	56.7	303.7	25.3
1966	137.8	53.6	3.2	18.8	0.0	23.8	0.0	0.0	29.0	33.5	52.5	116.1	468.3	39.0
1967	187.9	103.2	60.5	81.2	3.5	0.0	0.0	6.5	9.5	62.0	86.7	94.0	695.0	57.9
1968	94.0	28.8	122.5	92.0	19.5	0.0	0.0	3.6	0.0	27.5	100.7	73.2	561.8	46.8
1969	26.5	63.9	136.1	16.5	12.0	0.0	0.0	0.0	21.5	21.5	86.5	123.0	507.5	42.3
1970	64.1	78.0	60.6	25.5	6.5	9.5	3.5	0.0	10.0	103.5	90.7	96.0	547.9	45.7

1971	185.0	98.6	33.0	30.5	37.0	0.0	0.0	0.0	8.5	55.0	178.0	52.5	678.1	56.5
1972	248.5	99.0	92.0	22.5	17.0	0.0	0.0	0.0	14.0	11.5	93.5	81.5	679.5	56.6
1973	105.5	61.5	42.4	87.5	0.0	0.0	0.0	0.0	33.0	106.7	84.0	222.3	742.9	61.9
1974	136.5	53.0	28.0	85.9	0.0	0.0	17.2	3.0	18.5	1.5	206.8	114.0	664.4	55.4
1975	271.5	173.8	42.8	113.8	8.1	5.0	0.0	0.0	14.0	22.0	106.7	190.0	947.7	79.0
1976	149.8	180.5	40.4	34.0	14.0	0.0	0.0	0.0	10.8	38.0	124.9	97.5	689.9	57.5
1977	83.5	113.0	186.0	47.5	1.5	0.0	0.0	5.5	29.0	62.0	65.0	95.5	688.5	57.4
1978	296.7	108.0	70.5	23.0	3.0	0.0	0.0	8.0	24.0	50.5	75.0	97.0	755.7	63.0
1979	90.0	106.5	108.0	23.0	3.0	0.0	5.0	18.0	16.0	61.0	202.0	38.0	670.5	55.9
1980	176.0	137.0	34.0	26.0	1.5	0.0	0.0	0.0	29.5	24.5	165.5	138.0	732.0	61.0
1981	107.0	69.5	35.5	25.0	5.0	2.0	0.0	17.0	9.0	44.5	78.2	74.7	467.4	39.0
1982	147.0	34.5	48.2	32.5	0.0	0.0	8.5	0.0	0.0	64.0	32.5	90.7	457.9	38.2
1983	152.5	34.0	48.5	44.0	25.0	12.5	0.0	13.0	0.0	37.7	218.5	78.5	664.2	55.4
1984	39.0	54.0	119.0	1.0	0.0	38.0	18.7	0.0	19.5	120.5	45.5	133.9	589.1	49.1
1985	75.5	127.7	108.5	0.0	0.0	0.0	0.0	0.0	11.7	62.0	42.0	139.2	566.6	47.2
1986	74.8	55.3	55.5	50.5	0.0	0.0	0.0	0.0	0.0	76.2	128.0	209.7	650.0	54.2
1987	76.0	67.2	61.5	2.0	0.0	0.0	0.0	2.0	62.5	35.2	217.5	130.9	654.8	54.6
1988	76.5	49.2	96.4	96.0	0.0	0.0	0.0	15.0	11.5	88.9	9.6	80.0	523.1	43.6
1989	86.0	86.0	12.0	66.5	8.0	7.3	0.0	7.0	0.0	25.5	83.9	74.5	456.7	38.1
1990	27.0	121.0	98.0	64.7	27.0	0.0	3.5	0.0	6.0	41.5	70.0	132.5	591.2	49.3
1991	194.4	175.0	149.2	0.0	25.0	9.0	0.0	0.0	0.0	44.3	30.1	97.0	724.0	60.3
1992	114.5	69.4	56.3	23.3	0.0	0.0	0.0	0.0	0.0	42.2	86.0	123.5	515.2	42.9
1993	53.8	197.1	83.0	19.0	0.0	0.0	0.0	3.6	30.5	60.1	55.8	144.5	647.4	54.0
1994	110.7	103.2	70.7	12.0	0.0	0.0	0.0	0.0	0.0	62.3	46.6	202.2	607.7	50.6
1995	133.0	31.8	84.4	73.2	38.9	0.0	0.0	0.0	0.0	23.6	77.9	190.4	653.2	54.4
1996	121.1	334.7	61.0	0.0	15.0	0.0	6.4	6.4	1.2	60.5	82.0	132.5	820.8	68.4
1997	37.0	139.1	147.5	71.1	57.5	2.6	0.0	0.0	44.3	93.3	87.0	110.8	790.2	65.9
1998	136.0	81.1	42.0	0.0	0.0	0.0	0.0	0.0	27.0	61.0	115.0	248.5	710.6	59.2
1999	103.9	0.0	12.0	60.6	19.5	0.0	0.0	0.0	0.0	15.4	35.8	111.0	358.2	29.9
2000	216.6	256.9	163.2	115.4	0.0	17.0	0.0	5.0	0.0	47.5	65.5	131.0	1018.1	84.8
2001	28.0	148.0	37.0	0.0	31.0	20.0	0.0	0.0	0.0	78.7	277.6	166.0	786.3	65.5
2002	0.0	67.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.3	277.6	127.4	540.8	45.1

2003	144.2	93.9	70.9	38.0	9.2	4.8	1.8	2.6	12.3	48.9	105.1	120.2	651.9	54.3
2004	102.0	107.0	209.7	53.2	0.0	0.0	0.0	0.0	0.0	17.0	56.7	185.1	730.7	60.9
2005	66.5	88.9	85.1	35.4	0.0	0.0	0.0	0.0	0.0	0.0	173.7	71.2	520.8	43.4
2006	197.8	168.0	43.9	0.0	0.0	0.0	3.5	0.0	0.0	26.8	105.1	120.2	665.3	55.4
2007	118.4	93.9	0.0	19.0	0.0	9.5	12.0	0.0	58.5	87.5	93.5	95.5	587.8	49.0
2008	245.5	19.0	79.5	0.0	0.0	0.0	0.0	0.0	0.0	19.3	81.5	113.2	558.0	46.5
2009	117.9	72.3	106.5	0.0	27.0	34.5	0.0	0.0	27.5	82.0	119.0	181.5	768.2	64.0
Average (1960-2009)	118.4	93.9	70.9	38.0	9.2	4.8	1.8	2.6	12.3	48.9	105.1	120.2	626.2	

Average Summer	(November - February)	109.4
Average Winter	(May - August)	4.6
Average Spring	(September - October)	30.6
Average Autumn	(March - April)	54.5

VAALWATER - (1964-2009)

Average Yearly Rainfall (mm) Data for station [0632198 1] - VAALWATER - POLOKWANE -24.2930 28.1130 1200 m (1964 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1964	117.4	94.6	77.2	35.8	3.0	2.5	0.0	0.0	5.5	101.5	42.5	120.5	600.5	50.0
1965	57.5	48.0	29.0	60.0	0.0	0.0	0.0	0.0	15.0	0.0	65.0	20.0	294.5	24.5
1966	88.0	40.0	5.0	9.0	0.0	0.0	0.0	0.0	0.0	20.0	75.0	118.3	355.3	29.6
1967	230.0	179.3	53.0	67.0	0.0	0.0	0.0	12.0	0.0	16.5	82.2	120.3	760.3	63.4
1968	78.3	24.5	76.5	110.5	37.5	0.0	0.0	2.5	0.0	29.0	128.2	123.0	610.0	50.8
1969	37.0	33.0	111.0	5.5	28.5	0.0	0.0	0.0	5.5	20.0	80.5	170.7	491.7	41.0
1970	52.5	51.5	54.0	31.5	0.0	3.6	9.5	0.0	5.2	60.2	96.0	202.5	566.5	47.2
1971	218.8	172.8	13.0	57.8	17.2	0.0	0.0	0.0	12.2	75.5	131.0	63.4	761.7	63.5
1972	160.2	132.9	89.2	25.0	0.0	0.0	0.0	0.0	1.5	27.5	99.5	81.0	616.8	51.4
1973	58.7	79.2	19.0	110.0	6.0	0.0	0.0	0.0	45.7	33.2	88.2	144.1	584.1	48.7

1974	231.8	104.2	31.0	55.2	0.0	0.0	35.0	0.0	23.0	8.7	117.6	102.5	709.0	59.1
1975	302.7	257.5	29.5	111.0	17.5	5.5	0.0	0.0	0.0	7.5	28.5	149.5	909.2	75.8
1976	85.1	226.9	166.0	37.0	6.2	0.0	0.0	0.0	17.5	50.0	67.5	126.5	782.7	65.2
1977	81.6	98.0	145.2	13.0	0.0	0.0	0.0	2.2	108.5	23.0	28.5	131.2	631.2	52.6
1978	213.1	49.9	67.5	13.0	0.0	0.0	0.0	0.0	26.0	45.8	58.2	89.5	563.0	46.9
1979	38.5	73.5	68.0	26.5	31.0	0.0	0.5	27.0	0.0	73.0	111.1	11.0	460.1	38.3
1980	176.0	194.5	82.7	15.5	0.0	0.0	0.0	0.0	31.1	12.0	150.8	130.0	792.6	66.1
1981	222.0	81.5	26.0	35.0	0.0	0.0	0.0	12.0	40.5	4.0	74.7	21.2	516.9	43.1
1982	46.0	21.0	132.0	43.0	19.0	0.0	7.5	0.0	0.0	54.0	77.5	26.0	426.0	35.5
1983	109.5	9.0	92.0	13.0	22.0	11.8	0.0	15.0	3.0	29.5	125.7	90.7	521.2	43.4
1984	110.5	33.0	62.5	4.0	1.0	46.5	117.1	0.0	6.0	102.0	83.0	43.0	608.6	50.7
1985	134.0	178.0	109.0	0.0	20.0	0.0	0.0	21.0	5.0	81.0	27.5	104.5	680.0	56.7
1986	75.5	140.0	98.6	59.0	0.0	0.7	0.0	0.0	7.0	74.7	130.0	92.0	677.5	56.5
1987	132.0	28.5	90.5	65.5	0.0	0.0	0.0	9.0	63.0	37.5	112.5	208.0	746.5	62.2
1988	30.5	54.5	120.7	57.5	0.0	16.5	0.0	0.0	36.0	126.5	78.0	85.0	605.2	50.4
1989	90.5	164.0	71.5	79.0	0.0	33.5	0.0	0.0	0.0	57.0	102.0	171.0	768.5	64.0
1990	32.5	109.5	73.0	82.5	25.0	0.0	0.0	0.0	0.1	2.0	69.0	55.0	448.6	37.4
1991	109.5	143.0	112.5	0.0	7.5	13.0	0.0	0.0	0.0	24.0	93.0	213.5	716.0	59.7
1992	45.0	57.5	17.0	15.0	0.0	7.0	0.0	0.0	12.0	59.0	47.0	147.5	407.0	33.9
1993	42.5	62.0	40.7	6.0	6.0	0.0	0.0	0.0	0.0	113.0	64.5	62.0	396.7	33.1
1994	190.0	75.5	70.0	11.0	0.0	0.0	0.0	0.0	0.0	31.0	47.6	24.0	449.1	37.4
1995	109.0	18.0	101.5	3.5	5.0	0.0	0.0	6.7	9.0	30.0	157.0	306.4	746.1	62.2
1996	159.0	178.0	115.0	25.0	35.0	2.0	7.0	0.0	0.0	57.0	99.3	114.7	792.0	66.0
1997	72.5	46.0	195.5	6.0	0.0	0.0	0.0	0.5	47.4	46.6	72.1	69.5	556.1	46.3
1998	91.7	52.4	23.7	0.0	0.0	0.0	0.0	0.0	2.4	7.0	214.9	147.5	539.6	45.0
1999	115.0	95.0	88.0	0.0	34.0	21.0	0.0	0.0	0.0	31.0	102.3	84.5	570.8	47.6
2000	190.5	138.0	75.5	0.0	0.0	7.0	0.0	0.0	0.0	101.0	26.0	0.0	538.0	44.8
2001	0.0	49.7	5.0	38.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	102.7	8.6
2002	117.4	94.6	77.2	35.8	8.0	5.2	4.1	3.3	12.6	42.6	0.0	55.2	456.0	38.0
2003	130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5	49.1	85.0	354.6	29.6
2004	60.5	142.5	283.7	121.0	0.0	3.7	0.0	0.0	0.0	21.3	15.1	237.8	885.6	73.8
2005	94.0	102.2	62.6	75.4	0.0	0.0	0.0	0.0	0.0	0.5	108.5	49.0	492.2	41.0

2006	158.0	306.6	137.8	8.9	2.5	0.0	0.0	40.7	0.8	8.1	106.7	98.2	868.3	72.4
2007	30.0	17.6	32.6	54.5	0.0	5.0	0.0	0.0	0.0	39.6	164.1	187.1	530.5	44.2
2008	167.0	7.3	71.3	26.9	26.5	0.0	1.5	0.0	0.0	40.5	188.2	40.5	569.7	47.5
2009	309.5	48.0	49.5	0.0	9.0	43.0	2.5	0.0	39.5	86.0	52.5	80.0	719.5	60.0
Average (1964-2009)	117.4	94.6	77.2	35.8	8.0	5.2	4.0	3.3	12.6	42.6	85.6	104.4	590.8	

Average Summer	(November - February)	100.5
Average Winter	(May - August)	5.1
Average Spring	(September - October)	27.6
Average Autumn	(March - April)	56.5

DWAALBOOM - (1963-2009)

Average Yearly Rainfall (mm) Data for station [0586523 X] - DWAALBOOM - POLOKWANE -24.7340 26.8120 1065 m (1963 - 2009)														
YEAR	MONTH												Total Ave Rainfall (Year) - mm	Average (Year) - mm
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1963	113.6	89.3	71.0	37.5	13.1	5.5	0.5	3.2	15.7	43.9	73.8	34.3	501.4	41.8
1964	131.5	30.5	40.0	18.7	0.0	0.0	0.0	0.0	0.0	87.5	5.0	63.0	376.2	31.4
1965	150.5	0.0	34.5	65.0	0.0	0.0	0.0	0.0	17.0	0.0	46.0	18.0	331.0	27.6
1966	100.7	137.5	0.0	0.0	6.0	22.0	0.0	0.0	19.7	51.5	64.2	87.4	489.0	40.8
1967	120.5	164.2	129.7	235.2	19.5	0.0	0.0	17.5	44.5	20.5	76.0	37.5	865.1	72.1
1968	38.7	32.0	146.8	115.2	43.5	0.0	0.0	5.5	0.0	6.3	86.7	77.5	552.2	46.0
1969	96.5	81.3	69.4	228.6	73.7	0.0	0.0	2.0	5.5	55.0	21.0	133.0	766.0	63.8
1970	75.5	59.0	15.2	12.5	14.5	10.7	9.0	0.0	5.2	22.9	75.5	159.3	459.3	38.3
1971	285.7	31.5	19.0	100.5	12.0	0.0	0.0	0.0	22.0	33.0	155.1	68.5	727.3	60.6
1972	194.0	33.5	49.5	33.5	0.0	0.0	0.0	0.0	0.0	20.6	33.1	107.0	471.2	39.3
1973	63.1	87.5	21.5	50.0	0.0	0.0	0.0	0.0	44.0	139.0	69.0	140.0	614.1	51.2
1974	140.5	73.3	184.0	33.5	0.0	0.0	0.0	10.0	33.5	28.3	177.9	150.4	831.4	69.3
1975	106.2	223.7	32.6	122.3	44.5	12.0	0.0	6.5	0.0	18.0	44.5	128.0	738.3	61.5

1976	132.0	61.5	143.5	84.0	26.5	0.0	0.0	0.0	0.0	32.5	62.0	128.0	181.0	851.0	70.9
1977	94.5	86.5	161.5	0.0	0.0	0.0	0.0	15.0	85.5	77.0	25.5	107.5		653.0	54.4
1978	265.0	121.5	38.0	29.5	0.0	0.0	0.0	6.5	21.0	47.0	16.5	35.0		580.0	48.3
1979	82.0	67.5	124.0	21.0	18.0	0.0	0.0	19.0	0.0	75.0	138.0	101.0		645.5	53.8
1980	69.5	92.0	0.0	0.0	0.0	0.0	4.7	0.0	47.0	0.0	74.0	76.7		363.9	30.3
1981	184.0	87.6	127.4	17.5	0.0	0.0	0.0	15.0	0.0	33.0	71.7	120.0		656.2	54.7
1982	163.0	92.0	66.0	35.0	0.0	0.0	2.0	0.0	0.0	120.0	78.2	69.7		625.9	52.2
1983	74.5	52.0	30.2	5.0	0.0	0.0	0.0	3.5	8.0	29.5	57.0	78.0		337.7	28.1
1984	18.0	45.0	87.0	2.0	0.0	21.0	5.0	0.0	4.0	43.0	25.5	39.0		289.5	24.1
1985	63.0	11.0	12.0	0.0	10.0	0.0	0.0	5.5	13.5	43.0	8.0	48.5		214.5	17.9
1986	63.0	26.0	51.5	37.0	0.0	0.0	0.0	14.0	14.0	57.0	110.0	113.5		486.0	40.5
1987	125.0	83.5	49.0	0.0	0.0	0.0	0.0	0.0	43.5	0.0	90.5	160.7		552.2	46.0
1988	33.5	177.6	117.0	0.0	0.0	0.0	0.0	2.0	33.0	104.5	0.0	68.0		535.6	44.6
1989	77.0	213.0	0.0	94.0	0.0	14.0	0.0	5.0	0.0	39.5	102.0	148.5		693.0	57.8
1990	60.3	119.5	69.0	68.0	21.5	0.0	0.0	0.0	9.0	42.0	43.5	46.7		479.5	40.0
1991	109.5	67.0	53.0	0.0	0.0	14.5	0.0	0.0	13.5	42.0	87.6	75.5		462.6	38.6
1992	84.0	67.5	24.0	22.5	0.0	0.0	0.0	0.0	0.0	36.5	106.6	201.6		542.7	45.2
1993	18.5	141.0	40.5	31.0	0.0	0.0	0.0	0.0	4.0	118.5	33.5	134.0		521.0	43.4
1994	151.0	101.0	51.0	10.5	0.0	0.0	0.0	0.0	0.0	21.5	11.5	150.6		497.1	41.4
1995	97.0	95.8	85.2	33.0	29.5	0.0	0.0	0.0	7.0	17.5	112.5	151.0		628.5	52.4
1996	154.5	248.5	24.5	18.0	12.0	0.0	0.0	0.0	0.0	32.0	92.0	50.0		631.5	52.6
1997	180.5	50.5	238.5	14.0	91.0	0.0	0.0	3.5	86.7	13.0	104.0	42.5		824.2	68.7
1998	198.7	79.0	50.0	0.0	0.0	0.0	0.0	0.0	9.5	39.5	140.0	220.5		737.2	61.4
1999	52.0	12.5	80.0	43.0	43.0	0.0	0.0	0.0	0.0	30.5	62.0	159.7		482.7	40.2
2000	143.5	287.5	165.5	15.5	49.0	35.0	0.0	0.0	0.0	61.5	62.0	65.5		885.0	73.8
2001	50.0	192.0	38.5	0.0	53.0	10.0	0.0	0.0	0.0	94.5	188.5	38.5		665.0	55.4
2002	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	22.0	0.0	70.5		115.5	9.6
2003	55.5	40.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	41.0	190.5	34.0		373.2	31.1
2004	94.0	66.9	147.5	59.5	0.0	0.0	0.0	0.0	0.0	28.0	19.0	154.0		568.9	47.4
2005	30.0	41.0	90.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0	71.6		329.6	27.5
2006	272.5	152.0	43.0	40.0	5.0	1.0	0.0	17.0	0.0	0.0	62.0	71.0		663.5	55.3
2007	88.0	20.0	17.0	0.0	13.0	22.0	0.0	0.0	38.0	129.0	49.0	103.0		479.0	39.9

2008	286.0	36.0	230.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	93.0	4.7	662.7	55.2
2009	151.0	120.0	60.0	18.0	6.0	66.0	0.0	0.0	63.0	35.0	74.0	95.6	688.6	57.4
Average (1963-2009)	113.6	89.3	71.0	37.5	13.1	5.5	0.5	3.2	15.7	43.9	73.8	95.6	562.6	

Average Summer	(November - February)	93.1
Average Winter	(May - August)	5.6
Average Spring	(September - October)	29.8
Average Autumn	(March - April)	54.3

Values in red indicate missing data replaced by average month values