



METEOROLOGICAL DATA OF MIZORAM

1986 - 2015



**State Meteorological Centre
Directorate of Science & Technology
Government of Mizoram**

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PREFACE

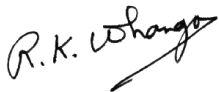
This is the first publication of Meteorological data of Mizoram compiled by the State Meteorological Centre, Directorate of Science and Technology covering the last thirty years i.e. 1986 – 2015 recorded at various locations within the state. District-wise meteorological data have been compiled to represent the state of Mizoram.

One of the first and foremost important inputs needed for the success of any developmental works is the meteorological data of the region, such as rainfall, temperature, humidity, wind direction, wind velocity, sun shine hour, etc. Availability of such information in a ready reckoner is necessary for the concerned organizations or personnel. Thus keeping this in mind, three major parameters such as rainfall, temperature and relative humidity data were collected from various sources and are compiled in this booklet.

Though the above being said, there are some parameters which are not available or missing for some Districts. There are also certain gaps in the time series data even for some of the available parameters. Nevertheless, I believe it will serve its purpose to give a representation of the meteorological condition of Mizoram for the aforementioned time frame.

I would like to acknowledge the effort of Pu K. Lalrammuana, Scientific Officer and Pi Lalhmunsiami, Field Assistant, State Meteorological Centre, Directorate of Science and Technology, Government of Mizoram, Pu Lalthanpuia and Pu James Lalnunzira Hrahsel, Project Scientists, State Climate Change Cell. I would also like to thank the organizations from where data have been collected, such as Department of Agriculture, Government of Mizoram, Department of Economics and Statistics, Government of Mizoram and Border Road Task Force (BRTF), Project Pushpak, Zemabawk, Aizawl, Mizoram.

Dated Aizawl
The 29th June, 2016.


(Dr. RK LALLIANTHANGA)
Chief Scientific Officer
Directorate of Science and Technology

MIZORAM

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	10.0	7.8	24.1	241.2	144.5	415.0	441.9	454.6	348.8	282.8	150.8	61.0	2582.5
1987	12.5	26.3	53.9	147.9	130.8	463.4	449.6	389.6	432.1	218.7	103.6	19.2	2447.6
1988	0.0	25.3	65.2	134.5	381.8	462.5	459.8	419.5	342.6	299.3	60.6	2.0	2653.2
1989	0.0	22.8	23.3	103.6	189.8	399.9	494.5	467.7	430.6	389.5	7.9	0.8	2530.4
1990	0.5	34.7	198.5	264.7	282.9	386.9	371.0	413.8	407.8	126.6	124.7	60.5	2672.7
1991	28.4	27.3	65.6	263.2	529.3	457.2	309.6	335.2	367.4	286.5	31.0	30.7	2731.2
1992	4.4	77.5	17.1	86.1	203.5	407.9	462.3	448.6	326.0	273.0	44.4	7.2	2358.1
1993	15.2	141.7	85.8	95.2	427.1	479.2	492.3	409.9	325.4	213.1	17.7	0.0	2702.5
1994	4.3	15.9	214.6	165.2	148.4	300.8	390.6	369.5	194.3	106.2	35.2	0.0	1945.0
1995	4.4	14.6	43.9	44.1	353.1	424.5	370.8	577.9	297.3	193.5	209.2	0.0	2533.3
1996	1.7	26.8	246.1	93.1	280.0	309.8	383.2	420.2	446.5	220.2	30.7	4.3	2462.6
1997	7.0	11.4	174.9	107.7	262.2	377.8	832.3	323.2	459.0	81.6	25.7	54.4	2717.2
1998	36.5	33.1	128.0	141.4	491.1	380.8	519.7	426.0	303.5	141.2	22.5	0.0	2623.8
1999	0.0	0.0	37.0	34.3	434.3	456.0	470.3	387.0	384.6	255.9	32.9	35.4	2527.7
2000	15.8	16.3	123.3	260.0	541.8	370.6	261.4	607.8	387.3	238.6	53.8	0.0	2876.6
2001	0.0	40.5	39.8	87.7	372.7	551.3	368.2	377.8	344.5	289.7	100.9	0.9	2574.1
2002	20.8	1.2	61.7	127.0	610.6	401.3	617.6	418.4	235.8	128.4	88.7	1.8	2713.4
2003	0.6	6.1	72.1	124.7	296.8	760.6	306.5	344.9	373.7	225.2	0.0	34.4	2545.6
2004	0.5	0.0	12.6	350.8	262.4	565.3	637.1	352.0	359.7	119.9	3.6	0.0	2663.9
2005	1.6	9.7	137.7	114.2	270.5	213.9	386.0	381.3	305.6	212.6	31.9	8.0	2073.0
2006	0.0	2.5	2.0	86.0	422.8	609.8	447.8	317.8	226.2	118.9	6.8	0.3	2240.9
2007	3.8	41.7	15.5	225.3	367.1	519.2	465.0	503.4	604.7	202.1	133.9	0.0	3081.6
2008	67.9	43.9	38.3	53.5	237.3	343.8	397.6	447.8	355.4	174.9	14.3	0.0	2174.8
2009	0.4	1.8	26.5	109.9	172.8	356.2	282.8	453.7	300.0	155.6	49.1	0.0	1908.7
2010	0.0	3.3	102.5	191.3	356.0	429.0	400.1	537.1	454.7	245.0	12.5	51.2	2782.7
2011	9.1	1.3	54.7	104.4	422.3	404.3	308.7	438.0	338.1	137.7	0.9	0.0	2219.3
2012	24.2	15.4	19.8	340.7	238.9	503.4	289.7	453.4	351.7	215.4	63.9	0.0	2516.3
2013	0.0	2.4	3.6	74.9	547.0	344.3	372.6	546.5	500.1	181.9	0.0	0.0	2573.3
2014	0.0	21.6	24.7	46.6	326.2	326.5	335.8	266.1	406.1	132.8	4.7	0.7	1891.7
2015	12.0	8.2	25.0	262.6	148.3	279.6	436.4	423.2	289.3	171.3	8.0	2.8	2066.8
Average	9.4	22.7	71.3	149.4	328.4	423.4	425.4	423.7	363.3	201.3	49.0	12.5	2479.7

Table 1: Average monthly rainfall (mm) of Mizoram (1986 - 2015)

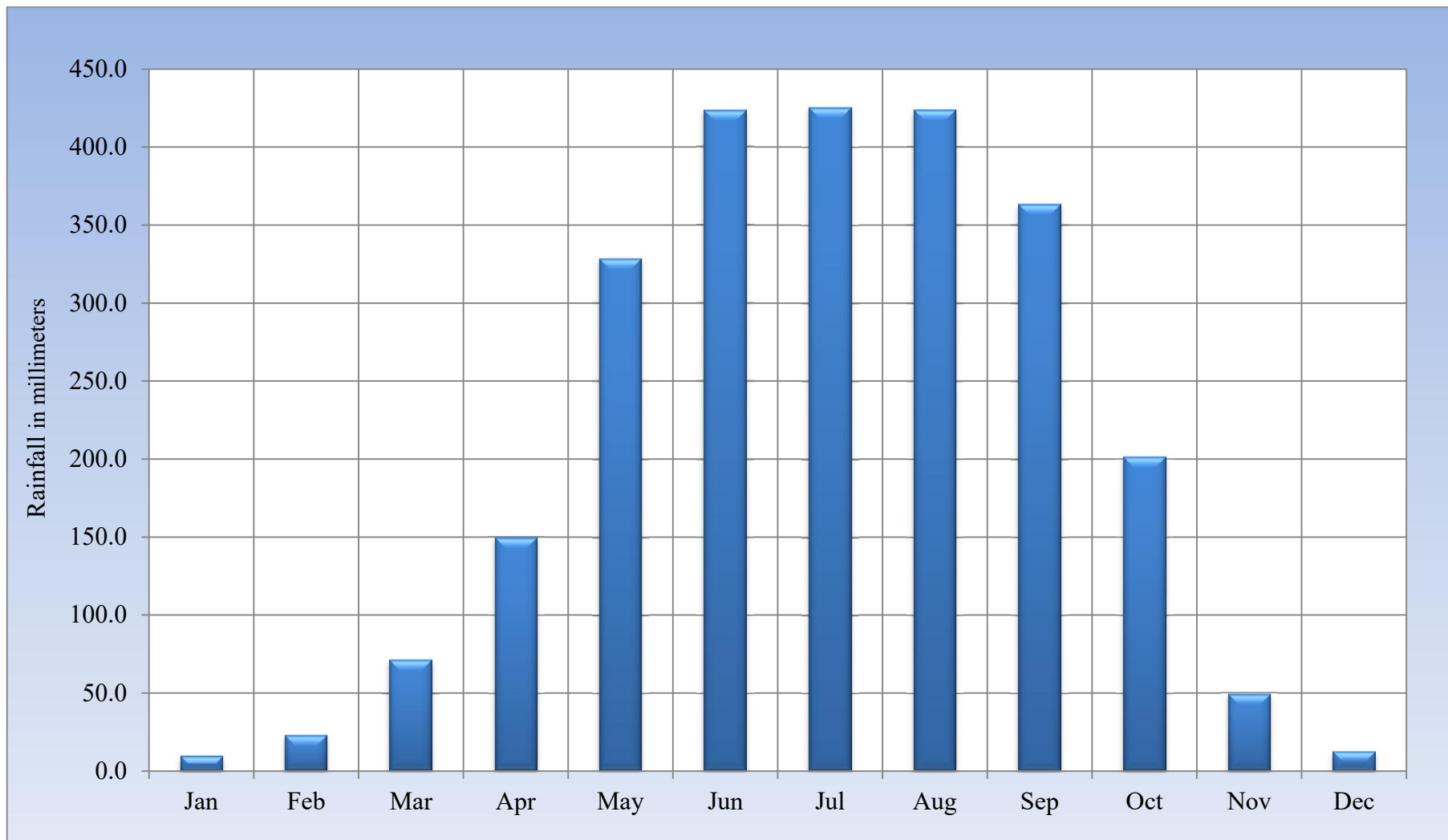


Figure 1: Average monthly rainfall (mm) of Mizoram (1986 – 2015)

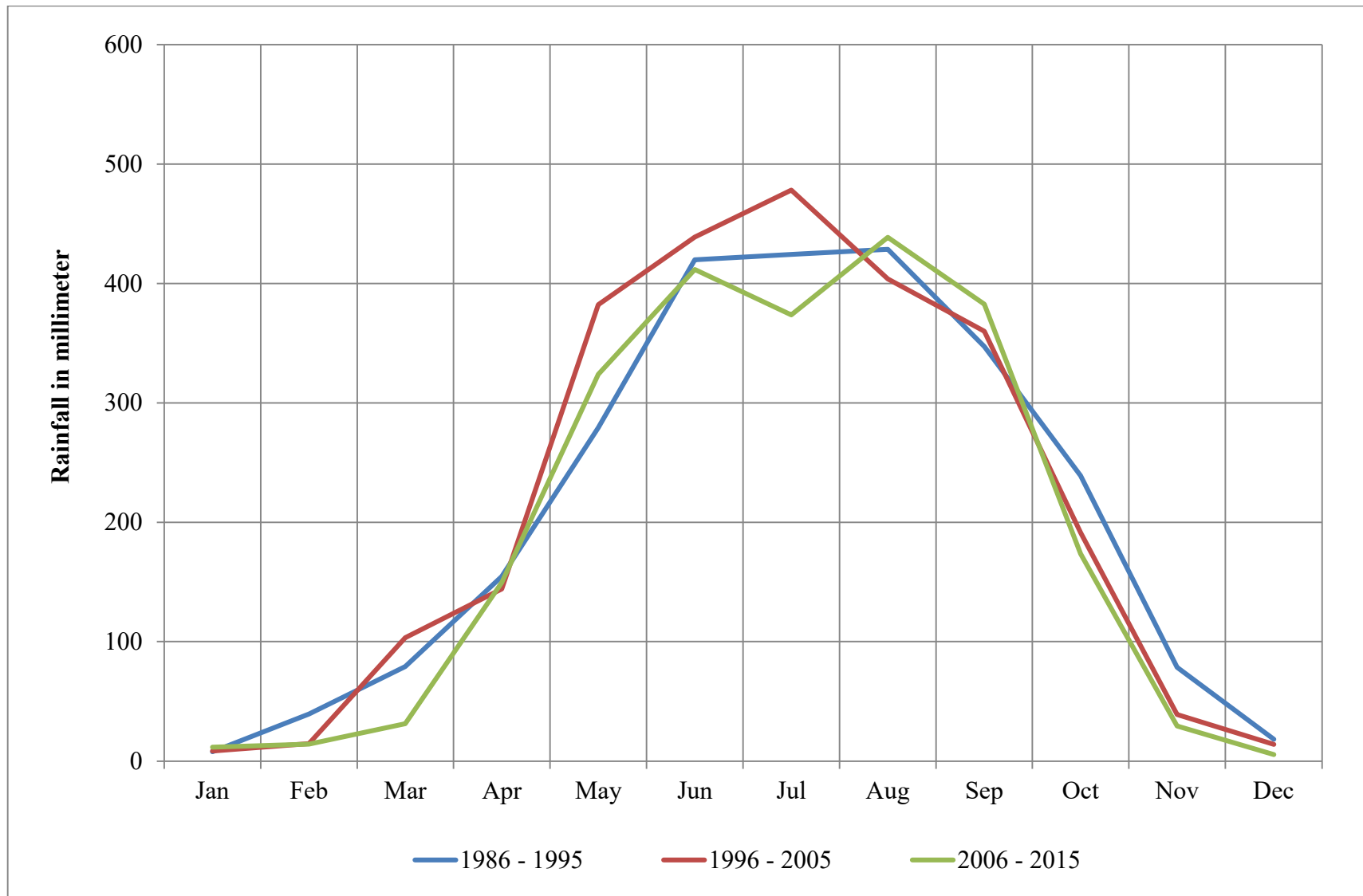


Figure 2: Decadal changes of Rainfall (mm) of Mizoram (1986 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1985	NA	43.8	68.3	87.5	91.3	89.2	83.7	82.6	83.1	72.4	58.8	59.7
1986	57.8	48.0	55.8	70.2	69.6	79.0	87.5	86.8	85.7	74.8	69.9	71.3
1987	87.1	55.0	60.6	69.5	69.7	85.3	84.9	86.7	85.2	85.6	72.9	61.5
1988	NA	54.0	57.7	55.1	75.5	75.9	86.1	83.5	85.6	84.8	67.3	63.9
1989	56.2	55.0	53.1	63.3	74.7	85.5	90.4	89.6	85.2	85.3	59.1	50.5
1990	62.9	63.5	66.6	77.2	81.8	87.8	85.9	NA	87.5	77.3	76.9	69.0
1991	64.9	65.6	64.6	72.9	81.1	89.6	89.2	90.0	91.9	85.7	69.8	71.4
1992	78.2	91.2	78.3	69.8	75.7	87.9	92.0	91.0	87.4	83.9	72.4	66.4
1993	58.9	67.0	56.2	84.4	86.5	92.0	90.9	90.4	88.5	82.8	74.4	NA
1994	69.2	64.8	72.7	67.4	82.9	87.0	92.7	93.5	90.1	78.1	73.2	67.0
1995	68.1	65.4	52.1	65.6	85.8	74.5	76.6	94.5	88.2	78.6	84.1	79.8
1996	74.4	63.2	72.8	77.6	81.9	86.2	91.5	92.0	90.3	83.7	74.4	NA
1997	75.5	68.8	72.2	77.8	82.0	90.9	95.1	NA	90.6	82.1	75.4	83.6
1998	76.3	73.4	66.6	77.2	83.3	87.0	93.1	89.1	87.0	85.2	78.0	65.4
1999	62.9	51.5	51.9	69.1	81.5	89.3	91.1	88.0	87.0	84.4	87.2	69.9
2000	54.1	55.6	84.2	88.2	91.0	91.6	87.3	92.9	89.3	78.7	72.5	73.7
2001	68.4	71.7	73.2	68.3	82.9	86.8	91.1	89.2	90.7	89.8	79.8	65.6
2002	70.3	57.3	57.8	84.5	85.8	89.0	95.3	92.8	89.6	86.0	85.2	81.8
2003	79.1	81.4	90.1	70.2	81.1	91.5	84.8	87.4	87.5	85.5	80.7	83.2
2004	73.8	63.4	70.9	84.5	87.6	92.3	93.4	89.5	89.7	82.9	78.3	73.2
2005	74.8	71.6	77.0	78.2	84.1	88.2	91.3	91.1	85.4	77.8	76.3	74.8
2006	66.8	71.5	69.9	79.3	84.6	90.3	91.5	89.1	88.6	84.1	75.7	69.4
2007	66.2	67.8	58.7	77.5	83.0	86.9	94.1	94.7	91.2	85.7	81.8	70.6
2008	69.6	64.9	68.9	66.1	82.3	89.7	94.5	96.4	89.1	87.1	75.1	73.9
2009	65.8	54.4	51.6	68.4	77.8	87.7	88.1	92.1	87.3	89.4	74.5	70.5
2010	55.9	50.2	49.7	70.8	82.5	91.7	92.2	91.8	90.8	84.6	78.0	62.1
2011	68.8	61.7	59.3	71.2	88.0	92.2	92.8	93.2	91.2	82.9	69.8	67.9
2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Avg Humidity %	68.2	63.0	65.2	73.8	82.0	87.6	89.9	90.3	88.3	82.9	74.9	69.8

Table 2: Average Monthly Relative Humidity (%) of Mizoram (1985 – 2015)

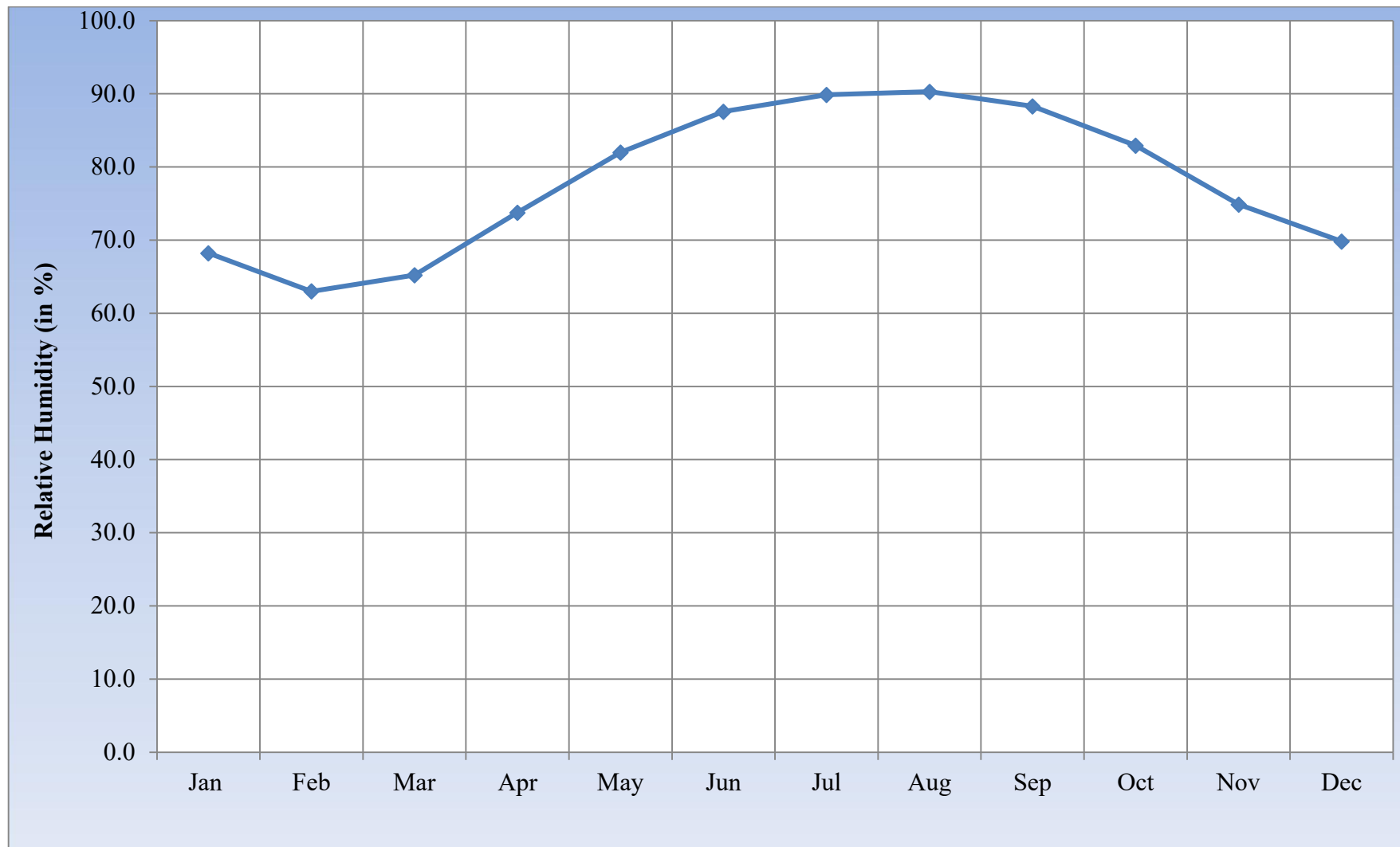


Figure 3: Average Monthly Relative Humidity of Mizoram (1985 – 2015)

	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
Year	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1986	24.1	10.1	27.0	10.7	30.0	13.5	30.1	16.1	31.1	17.2	32.3	19.2	31.3	17.7	31.0	18.6	30.0	17.7	29.6	14.8	28.3	13.6	26.6	10.1
1987	26.6	9.3	29.2	11.1	31.0	13.5	31.7	13.9	33.3	15.1	32.5	18.9	30.5	19.5	29.5	20.2	28.2	19.9	29.6	17.9	28.1	14.2	24.4	11.0
1988	24.5	10.3	26.7	11.8	29.9	14.9	34.5	16.4	30.2	17.3	32.0	19.4	29.1	19.1	28.8	18.9	29.4	18.7	30.0	17.3	28.6	15.0	25.0	11.7
1989	20.9	6.8	23.7	10.1	30.1	14.8	33.4	15.2	32.9	18.8	32.1	19.5	29.8	18.4	29.3	19.0	29.9	20.1	28.8	18.3	25.6	13.0	23.2	8.3
1990	24.0	8.8	24.8	11.4	28.2	10.9	28.6	12.9	31.0	16.4	30.3	18.4	30.2	19.0	30.0	19.0	30.4	19.0	30.1	15.6	28.8	14.0	24.0	10.1
1991	22.8	8.0	27.3	11.4	31.1	15.0	31.4	14.5	28.5	16.2	29.4	18.0	31.1	19.2	31.0	19.4	28.9	18.5	28.7	17.1	25.2	14.1	22.4	6.8
1992	22.7	7.3	23.9	9.4	31.8	13.5	33.1	16.2	32.1	16.2	32.8	17.9	31.1	18.8	30.8	17.7	31.0	17.5	28.9	16.7	27.7	12.3	25.0	9.4
1993	24.8	7.7	26.6	10.0	28.7	13.6	31.2	16.0	30.0	15.7	28.8	16.9	29.3	18.1	28.9	18.7	29.9	19.0	29.6	16.7	25.8	14.2	23.4	10.5
1994	25.1	9.2	26.8	10.4	29.6	13.9	33.0	15.2	32.7	19.0	30.8	18.4	30.7	19.6	29.9	19.3	30.8	19.7	30.3	17.5	28.2	13.8	26.6	11.8
1995	24.3	9.5	25.5	12.6	32.0	15.1	33.5	15.9	32.3	18.5	32.8	19.3	31.5	19.9	31.0	20.4	30.6	21.1	30.0	19.9	28.4	14.1	24.2	10.6
1996	24.1	9.8	27.1	12.7	31.1	15.8	33.0	17.2	32.4	17.4	33.8	20.0	31.6	20.6	31.3	20.5	33.6	19.4	31.8	17.9	28.9	13.7	25.9	9.3
1997	23.9	7.0	26.2	9.0	31.2	13.4	31.9	13.3	34.4	16.8	32.3	17.9	31.0	19.0	31.4	19.0	30.4	18.3	29.5	15.8	28.7	12.9	25.2	8.7
1998	23.2	7.7	26.0	10.5	29.5	11.5	31.7	15.2	34.1	17.4	32.4	19.5	31.2	19.4	30.5	19.6	31.5	19.8	31.4	17.2	29.3	14.6	25.3	10.3
1999	25.9	9.5	31.1	11.9	31.3	13.7	35.5	16.9	34.7	16.8	32.5	18.8	30.8	19.3	31.7	19.9	31.0	19.1	31.4	18.8	28.8	12.9	26.5	9.2
2000	25.3	8.1	27.1	9.1	32.0	11.9	33.0	15.7	33.0	16.4	32.8	18.1	31.5	19.9	32.0	19.2	31.2	19.9	31.5	18.9	29.7	13.3	23.6	11.5
2001	24.2	7.4	28.4	11.0	32.5	15.6	34.8	17.0	33.1	17.1	31.9	19.2	31.8	19.9	32.2	20.2	31.9	19.0	29.9	16.3	26.9	11.6	25.0	9.9
2002	24.7	9.4	29.1	10.0	33.0	13.7	33.1	13.8	33.7	16.7	31.8	19.6	31.2	18.1	31.8	18.6	31.8	18.5	31.4	16.2	30.2	13.2	24.6	8.4
2003	24.1	8.2	27.7	10.8	30.2	11.1	33.0	14.9	32.8	17.3	32.1	18.7	31.4	21.1	30.8	20.4	30.0	20.1	29.5	18.0	26.7	12.5	23.9	9.8
2004	23.2	8.6	27.2	8.8	31.2	12.7	30.7	14.4	33.3	16.9	31.6	18.6	30.8	18.9	32.0	19.5	30.6	18.8	30.9	16.7	27.0	12.4	24.7	10.5
2005	24.6	8.7	27.0	11.0	29.5	13.1	32.1	15.7	31.7	16.8	32.9	19.1	30.5	19.5	30.7	19.2	31.9	18.9	29.9	17.7	26.9	13.6	24.7	10.9
2006	24.4	10.0	28.1	13.3	30.2	17.2	32.2	17.1	33.6	17.4	31.0	17.8	31.7	19.5	30.9	19.9	30.5	18.8	30.3	18.7	28.5	12.7	24.1	9.8
2007	23.4	8.1	24.4	10.7	29.5	13.9	31.2	14.9	35.4	15.4	35.1	19.1	33.0	19.2	34.5	19.7	33.6	19.6	33.0	16.9	30.3	13.9	26.0	9.7
2008	26.9	8.4	25.5	7.9	29.1	12.2	32.5	14.6	33.0	18.1	32.7	19.1	31.2	18.6	30.6	17.4	31.5	19.2	30.9	17.6	27.7	12.6	25.2	11.4
2009	24.2	10.4	27.1	12.3	29.0	17.9	30.2	18.9	30.4	22.0	29.5	22.2	28.2	21.4	26.4	20.9	27.6	19.8	29.2	16.9	25.9	15.6	22.1	10.4
2010	24.5	12.0	25.5	14.2	30.4	18.1	31.7	18.7	31.7	18.6	30.4	17.8	30.6	18.4	32.0	18.9	30.4	19.7	31.2	17.9	28.7	13.8	25.5	10.5
2011	25.1	7.9	28.7	11.2	32.5	14.1	33.7	18.5	32.8	20.0	31.8	21.5	32.5	20.7	32.3	21.1	32.4	20.5	31.5	17.6	29.3	14.6	26.9	12.0
2012	23.2	12.8	26.1	14.2	28.7	17.0	27.4	17.1	28.4	19.6	26.7	19.9	27.4	20.0	27.8	20.0	27.4	19.8	25.3	18.5	24.4	15.2	24.2	11.9
2013	22.8	10.4	27.5	14.7	30.1	17.4	29.6	17.9	26.4	17.2	27.9	20.1	27.4	19.6	26.2	19.4	26.8	19.2	25.9	18.1	28.3	15.4	23.4	11.7
2014	25.0	11.2	26.4	10.2	29.6	13.4	32.1	16.3	28.6	15.8	27.8	17.3	28.6	17.4	26.8	16.6	27.2	16.1	27.9	15.6	27.0	13.0	25.5	10.1
2015	24.1	8.4	25.9	9.0	29.2	12.8	26.8	12.6	27.6	14.4	27.4	15.6	26.8	15.6	26.8	15.6	27.5	15.6	27.1	14.3	27.2	11.7	23.0	8.1
Avg	24.2	9.0	26.8	11.0	30.4	14.2	31.9	15.8	31.8	17.3	31.3	18.9	30.5	19.2	30.3	19.2	30.3	19.0	29.8	17.2	27.8	13.6	24.7	10.1
AvMean	16.6		18.9		22.3		23.8		24.6		25.1		24.8		24.8		24.7		23.5		20.7		17.4	

Table 3: Monthly Average, Maximum and Minimum Temperature Data for Mizoram (1986 - 2015)

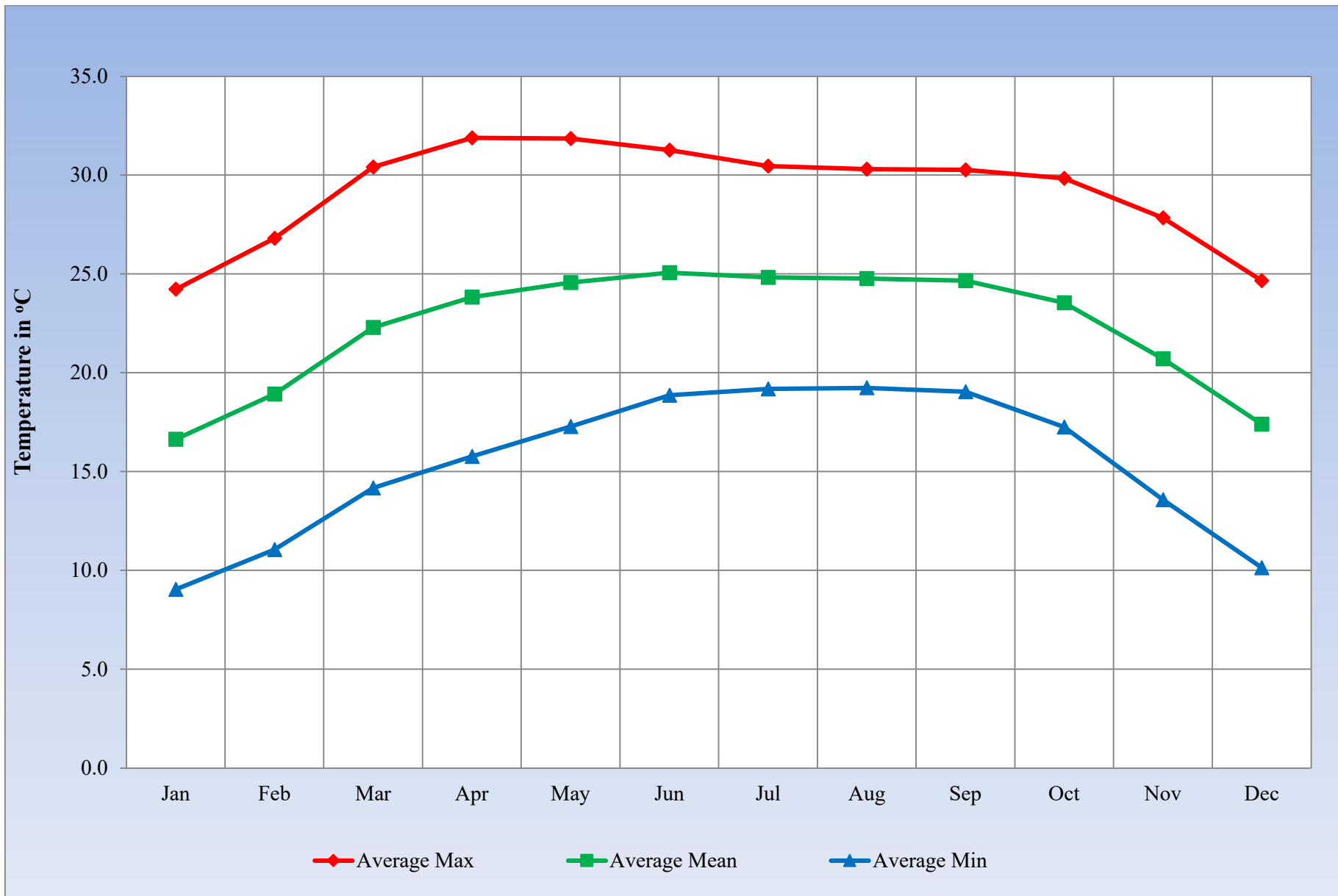


Figure 4: Average monthly mean, average max and average min temperature of Mizoram (1986 – 2015)

AIZAWL DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
1986	5.7	21.3	58.3	360.3	247.3	343.3	490.7	399.7	320.0	204.3	188.7	62.7	2702.3
1987	15.0	40.7	64.3	148.3	162.3	480.3	438.7	481.7	477.0	134.0	134.0	102.7	2679.0
1988	0.0	53.7	80.7	185.0	488.0	380.3	439.3	429.7	320.0	279.7	58.7	4.3	2719.3
1989	0.0	32.3	34.3	148.3	138.3	498.3	499.3	479.3	459.7	396.7	3.3	5.7	2695.6
1990	1.3	55.3	290.7	339.3	297.0	393.0	353.3	456.0	338.3	193.0	138.3	79.7	2935.3
1991	26.7	55.0	46.0	375.0	523.7	441.0	292.7	368.3	279.0	333.7	36.7	25.0	2802.6
1992	2.0	49.7	40.0	124.0	253.7	375.7	393.3	456.0	479.3	363.3	31.0	12.7	2580.6
1993	10.7	98.7	90.0	135.3	427.3	534.7	502.3	419.7	315.7	192.7	12.7	0.0	2739.6
1994	14.3	14.0	191.0	220.0	140.7	371.0	434.3	482.0	248.7	137.7	24.7	0.0	2278.3
1995	0.0	42.0	131.3	88.3	427.0	597.7	399.0	654.0	319.3	230.0	297.3	0.0	3186.0
1996	10.7	26.0	367.7	131.7	291.0	377.7	475.0	426.7	569.0	155.7	37.3	0.0	2868.3
1997	8.7	24.7	226.3	117.3	320.0	334.3	797.3	362.0	555.3	69.7	45.3	82.7	2943.6
1998	63.0	33.3	147.0	169.0	456.0	306.3	575.3	496.7	303.3	125.7	55.0	0.0	2730.6
1999	0.0	0.0	33.5	30.5	578.3	488.2	532.0	493.8	540.8	259.8	23.7	14.3	2995.0
2000	22.2	28.5	152.7	303.2	517.2	336.3	258.7	657.7	330.7	268.3	28.3	0.0	2903.6
2001	0.0	57.3	67.7	103.7	398.7	525.7	390.7	410.7	407.7	328.0	120.0	0.0	2810.0
2002	24.7	0.5	68.0	179.8	587.0	363.0	505.7	519.0	273.2	188.8	78.3	0.5	2788.5
2003	2.8	15.0	130.6	166.2	333.2	833.6	374.6	469.2	399.0	186.6	0.0	59.8	2970.6
2004	0.0	0.0	18.0	379.3	262.0	535.8	865.5	450.0	395.3	195.8	6.5	0.0	3108.3
2005	9.8	11.3	179.1	86.6	405.5	178.7	545.4	337.4	386.9	241.8	43.0	10.9	2436.4
2006	0.0	2.2	2.7	67.4	578.8	685.5	491.3	346.9	393.7	144.4	4.4	0.0	2717.3
2007	0.0	70.7	28.0	343.9	411.9	548.2	452.0	562.5	686.5	147.2	124.5	0.0	3375.4
2008	49.3	10.6	40.5	50.8	260.8	416.6	433.5	497.2	354.8	195.7	20.3	0.0	2330.1
2009	0.0	0.5	36.5	153.0	203.4	331.9	339.4	478.8	278.1	196.5	29.3	0.0	2047.4
2010	0.0	10.9	131.2	298.0	407.4	496.7	387.4	466.7	462.9	276.3	15.4	59.6	3012.5
2011	19.3	0.5	99.6	125.6	453.5	477.8	349.6	534.0	399.0	118.6	0.0	0.0	2577.5
2012	22	15.2	27.1	438	258	536	391	496.2	465	186	104	0	2938.6
2013	Nil	4.1	4.5	91.1	634.2	399.6	445.4	586.6	383.4	159.3	Nil	Nil	2708.2
2014	Nil	21.8	37.3	86.4	466.4	320.7	447.3	313.3	481.6	106	2.8	0	2283.6
2015	27.9	15.6	35.7	374.8	245.1	412.0	504.3	589.1	303.1	219.6	4.2	0.8	2732.1
Average	12.0	27.0	95.3	194.0	372.5	444.0	460.1	470.7	474.7	253.9	60.2	28.3	2756.5

Table 4: Average monthly rainfall (mm) of Aizawl District (1986 - 2015)

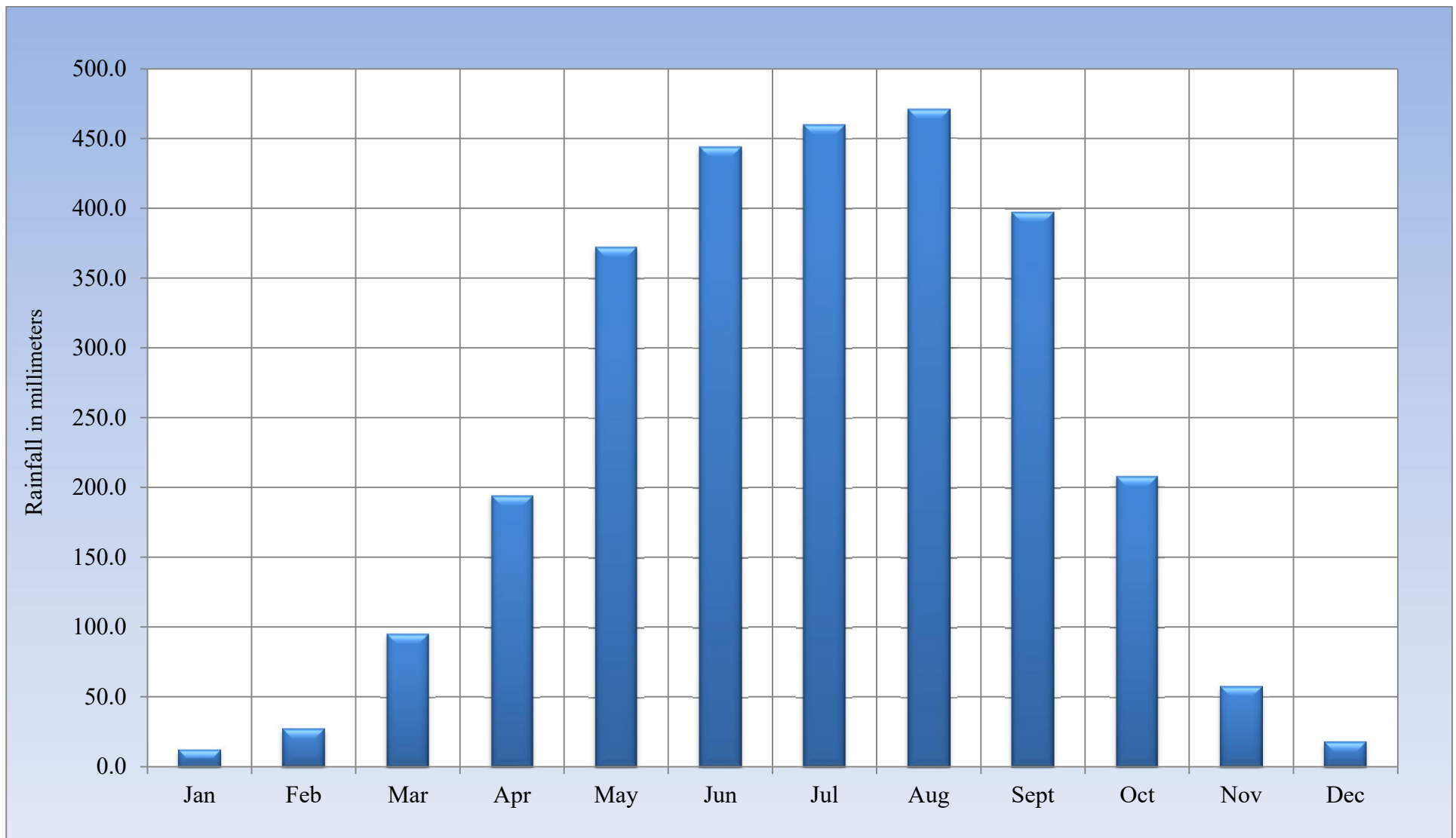


Figure 5: Average monthly rainfall (mm) of Aizawl District (1986 – 2015)

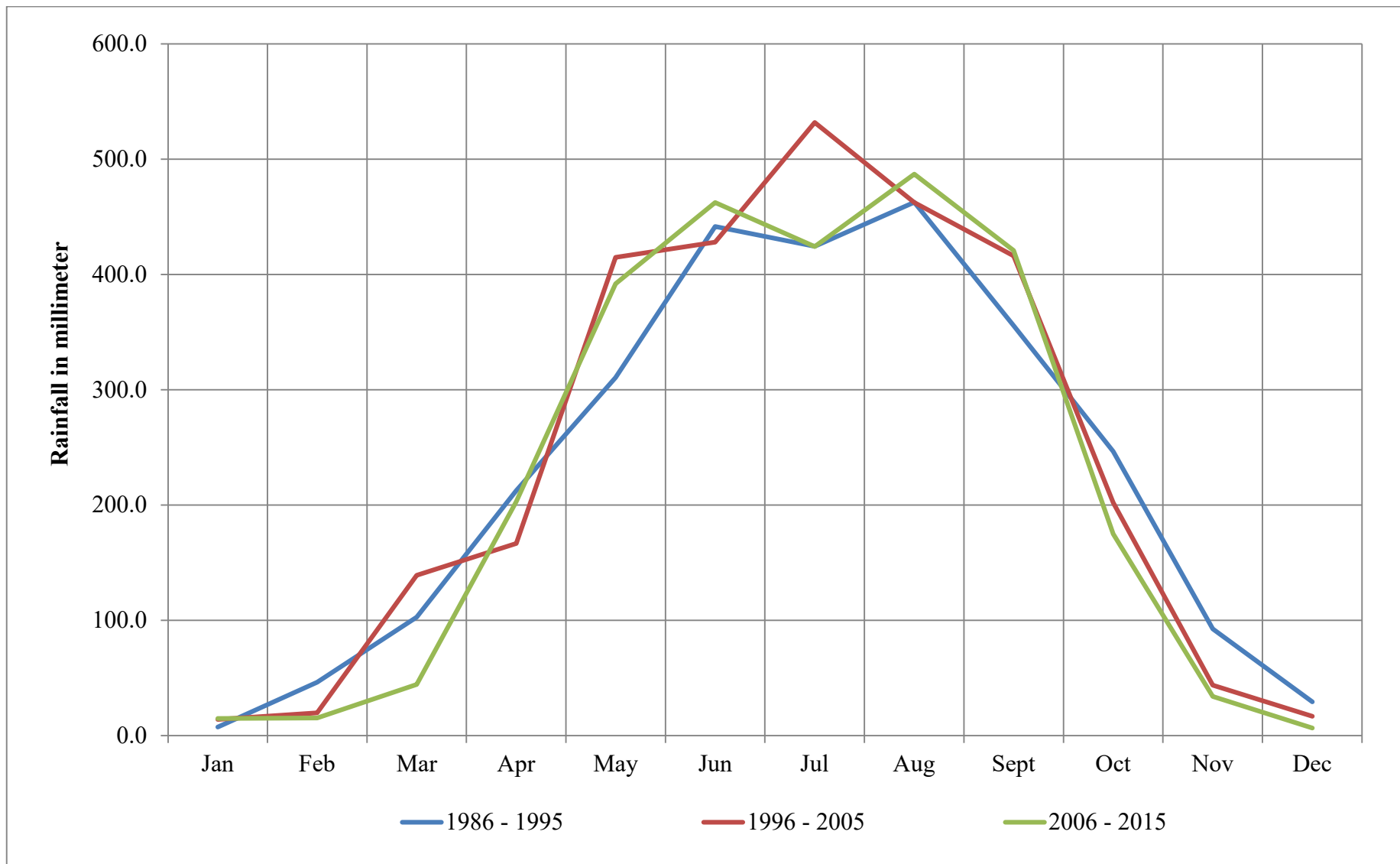


Figure 6: Decadal changes of Rainfall (mm) of Aizawl District (1986 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1985	NA	43.75	68.34	87.53	91.25	89.20	83.65	82.62	83.14	72.39	58.80	59.65
1986	57.81	48.00	55.75	70.20	69.55	78.97	87.49	86.84	85.74	74.84	69.90	71.26
1987	87.07	55.00	60.57	69.53	69.73	85.27	84.88	86.68	85.20	85.55	72.87	61.49
1988	NA	54.00	57.65	55.07	75.52	75.87	86.09	83.46	85.60	84.78	67.30	63.91
1989	56.23	55.04	53.07	63.27	74.65	85.50	90.36	89.59	85.17	85.33	59.13	50.46
1990	62.94	63.50	66.62	77.20	81.78	87.80	85.88	NA	87.50	77.33	76.87	68.97
1991	64.91	65.58	64.55	72.93	81.13	89.60	89.20	90.04	91.90	85.71	69.83	71.42
1992	78.19	91.24	78.32	69.83	75.68	87.93	91.97	91.03	87.43	83.90	72.43	66.35
1993	58.90	67.04	56.19	84.43	86.45	92.03	90.90	90.35	88.53	82.77	74.43	NA
1994	69.19	64.78	72.67	67.37	82.93	86.97	92.70	93.54	90.06	78.13	73.23	67.02
1995	68.09	65.43	52.10	65.55	85.84	74.47	76.55	94.45	88.17	78.61	84.06	79.77
1996	74.39	63.24	72.77	77.63	81.87	86.17	91.51	92.03	90.27	83.74	74.37	NA
1997	75.52	68.79	72.23	77.80	82.04	90.87	95.06	NA	90.60	82.09	75.40	83.59
1998	76.33	73.36	66.59	77.17	83.33	87.00	93.09	89.07	87.00	85.23	78.00	65.39
1999	62.88	51.54	51.91	69.10	81.46	89.30	91.09	87.97	86.97	84.39	87.23	69.91
2000	54.09	55.59	84.23	88.17	90.97	91.57	87.26	92.87	89.27	78.65	72.46	73.68
2001	68.36	71.65	73.23	68.33	82.88	86.76	91.09	89.22	90.73	89.81	79.80	65.59
2002	70.28	57.25	57.84	84.50	85.80	89.00	95.29	92.80	89.63	86.00	85.16	81.80
2003	79.09	81.42	90.09	70.2	81.09	91.53	84.83	87.35	87.53	85.54	80.73	83.22
2004	73.77	63.44	70.93	84.47	87.58	92.33	93.38	89.48	89.73	82.87	78.33	73.16
2005	74.77	71.57	76.97	78.23	84.09	88.17	91.26	91.12	85.4	77.77	76.33	74.77
2006	66.80	71.53	69.93	79.26	84.61	90.26	91.54	89.12	88.6	84.06	75.66	69.41
2007	66.16	67.75	58.67	77.5	83	86.86	94.06	94.67	91.2	85.67	81.76	70.64
2008	69.58	64.89	68.87	66.1	82.25	89.7	94.48	96.43	89.13	87.09	75.13	73.9
2009	65.84	54.39	51.61	68.4	77.81	87.73	88.13	92.06	87.3	89.42	74.47	70.48
2010	58.23	56.46	51.48	79	86.35	91.67	93	93.88	93.17	82.74	77.57	68.16
2011	68.81	61.68	59.29	71.17	87.97	92.17	92.77	93.19	91.17	82.9	69.77	67.9
2012	60.69	45.47	52.21	67.74	72.56	83.44	80.67	83.08	82.75	85.76	77.39	58.31
2013	57.30	47.06	48.53	59.88	69.97	76.10	78.48	78.40	77.81	74.40	55.09	57.36
2014	51.25	51.46	47.75	46.98	69.96	74.59	74.77	77.90	76.14	72.21	69.27	59.07
2015	62.06	48.76	46.97	81.98	70.32	75.48	93.05	93.35	93.02	91.56	90.03	90.42
Avg Humidity%	66.88	61.90	62.99	72.30	80.31	86.17	89.03	89.64	87.76	82.96	75.13	69.91

Table 5: Average Monthly Relative Humidity (%) of Aizawl District (1985 – 2015)



Figure 7: Average Monthly Relative Humidity of Aizawl District (1985 – 2015)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1986	25.0	9.1	27.7	10.2	33.2	12.4	31.8	12.4	31.4	13.6	32.9	17.0	32.4	16.7	31.9	17.4	29.2	16.4	29.9	14.5	27.5	12.6	26.9	9.4
1987	26.6	7.8	28.1	9.4	30.7	10.0	32.4	11.7	33.0	15.2	31.5	18.9	30.5	18.9	30.4	19.2	29.8	18.4	32.4	16.4	29.9	12.4	23.4	10.9
1988	24.0	10.4	27.2	11.2	30.6	13.4	34.6	14.2	29.6	15.8	32.0	18.2	29.4	18.0	30.6	16.6	31.6	15.8	30.4	17.8	28.6	16.2	25.6	11.8
1989	23.0	5.8	27.2	8.2	32.2	14.8	34.4	14.6	33.2	16.6	31.6	18.8	31.8	18.6	30.0	19.0	30.2	19.2	30.3	17.2	26.0	13.8	23.4	9.3
1990	25.8	9.4	25.4	10.0	28.6	11.2	27.4	12.4	30.2	15.6	28.8	17.8	27.4	19.0	NA	NA	30.3	18.6	31.3	15.4	27.3	13.6	25.2	11.0
1991	26.4	8.2	28.0	11.0	31.8	13.4	33.8	12.4	30.2	14.0	29.8	17.6	31.0	19.2	32.0	19.0	29.0	18.0	31.0	16.2	26.4	12.0	24.6	5.4
1992	23.0	7.4	23.4	9.4	32.6	10.2	33.0	13.0	33.8	13.4	33.6	17.4	31.2	18.2	31.4	18.0	32.2	17.8	30.0	15.4	31.0	12.0	24.4	9.6
1993	24.6	6.8	27.6	8.4	30.6	12.4	32.6	11.6	32.0	13.8	29.0	15.0	30.2	17.6	28.9	18.0	31.8	17.4	30.0	15.2	27.2	13.8	NA	NA
1994	29.8	8.4	29.6	8.4	31.4	11.6	34.0	12.7	34.0	17.2	31.7	17.2	31.2	19.2	30.2	18.8	30.9	18.7	31.3	17.5	30.7	15.2	26.0	13.7
1995	27.8	11.7	28.7	14.7	34.4	17.2	34.7	16.5	32.7	19.7	32.1	19.7	29.7	18.4	31.5	20.2	31.1	21.2	30.9	20.2	29.7	13.0	25.9	11.3
1996	24.3	8.3	27.5	12.2	31.3	17.8	33.9	18.2	32.3	19.7	30.9	20.9	30.5	21.9	30.5	22.8	33.9	23.8	32.5	21.2	29.7	16.3	NA	NA
1997	25.1	7.0	26.3	8.4	30.9	12.7	30.9	13.2	33.3	16.1	30.7	16.8	30.1	19.5	NA	NA	30.0	17.9	30.0	17.0	29.9	13.8	24.5	9.0
1998	24.1	8.4	27.5	9.3	30.3	11.0	31.2	14.1	32.6	17.2	32.3	18.5	30.0	19.3	29.3	18.8	31.2	19.1	30.5	15.2	30.1	16.2	26.7	12.3
1999	27.0	9.4	32.9	11.3	33.1	13.4	36.7	16.0	35.3	15.4	30.9	16.5	29.7	18.6	30.9	18.7	29.1	18.7	30.0	17.7	28.4	13.7	25.3	10.4
2000	26.1	7.0	27.1	10.5	31.5	11.5	32.1	12.9	33.1	13.9	31.9	17.5	30.5	18.0	30.7	16.9	29.7	17.1	31.1	15.8	29.6	10.0	23.4	9.7
2001	26.5	6.5	30.5	10.0	33.8	12.4	35.1	13.3	32.8	12.9	32.3	16.9	31.2	17.2	31.4	20.4	30.6	19.4	30.4	17.9	28.0	13.2	25.6	12.0
2002	28.2	10.0	31.2	10.0	32.6	13.0	31.5	11.2	31.8	14.0	29.7	18.2	28.5	19.4	30.2	19.2	30.6	19.0	31.0	16.4	30.2	12.8	26.2	9.0
2003	26.2	8.6	27.8	11.4	30.4	10.6	32.4	14.4	33.3	14.9	31.6	19.4	31.0	20.6	30.8	19.0	30.2	19.0	29.0	18.0	28.0	14.2	25.4	9.0
2004	26.0	9.0	28.0	7.8	32.2	11.8	29.6	13.2	32.6	16.0	30.0	18.0	29.2	17.2	31.2	19.2	29.7	18.2	30.5	16.7	28.8	13.8	28.2	9.2
2005	28.2	7.7	29.4	10.2	29.7	12.7	32.0	13.6	30.0	13.2	31.0	15.7	30.0	18.2	29.5	18.2	33.1	17.2	31.2	16.2	29.0	12.5	28.7	10.2
2006	29.5	8.9	30.0	12.2	32.1	13.7	33.3	12.4	32.3	14.2	30.5	15.2	33.2	18.0	32.2	18.6	31.8	18.5	30.7	18.2	28.7	11.2	27.4	10.9
2007	26.9	9.1	27.0	9.7	31.7	12.8	32.7	12.3	33.2	15.7	30.8	18.2	29.8	19.0	31.5	19.5	32.0	19.5	31.7	18.2	29.7	13.4	28.5	10.2
2008	27.1	7.7	28.3	7.3	30.8	11.2	34.0	11.7	31.7	16.7	32.3	17.2	29.7	19.1	30.7	10.6	31.8	19.1	32.9	14.7	30.2	13.8	27.1	10.6
2009	26.5	10.5	30.5	12.4	32.7	14.7	32.1	14.5	33.5	15.3	30.7	17.5	31.6	19.9	30.4	19.2	32.7	19.3	32.1	18.0	32.8	14.1	26.5	10.1
2010	28.7	11.2	27.8	11.1	34.1	13.3	33.7	14.9	30.1	16.5	29.3	17.7	30.3	19.3	30.2	19.3	30.7	19.1	33.1	17.3	30.2	13.3	27.4	9.3
2011	27.3	6.2	29.9	11.7	32.0	12.5	33.0	14.7	30.9	16.2	30.2	18.9	31.2	19.2	32.3	19.2	33.2	19.3	31.3	16.5	31.4	13.8	27.6	10.7
2012	23.2	12.8	26.1	14.2	28.7	17.0	27.4	17.1	28.4	19.6	26.7	19.9	27.4	20.0	27.8	20.0	27.4	19.8	25.3	18.5	24.4	15.2	24.2	11.9
2013	22.8	10.4	27.5	14.7	30.1	17.4	29.6	17.9	26.4	17.2	27.9	20.1	27.4	19.6	26.2	19.4	26.8	19.2	25.9	18.1	28.3	15.4	23.4	11.7
2014	25.0	11.2	26.4	10.2	29.6	13.4	32.1	16.3	28.6	15.8	27.8	17.3	28.6	17.4	26.8	16.6	27.2	16.1	27.9	15.6	27.0	13.0	25.5	10.1
2015	24.1	8.4	25.9	9.0	29.2	12.8	26.8	12.6	27.6	14.4	27.4	15.6	26.8	15.6	26.8	15.6	27.5	15.6	27.1	14.3	27.2	11.7	23.0	8.1
Average	26.0	8.8	28.0	10.5	31.4	13.1	32.3	13.9	31.7	15.7	30.6	17.8	30.0	18.7	30.2	18.5	30.5	18.5	30.4	16.9	28.9	13.5	25.7	10.2
Avg Mean	17.4		19.2		22.2		23.1		23.7		24.2		24.4		24.4		24.5		23.6		21.2		18.0	

Table 6: Monthly Average, Maximum and Minimum Temperature Data for Aizawl District (1986 - 2015)

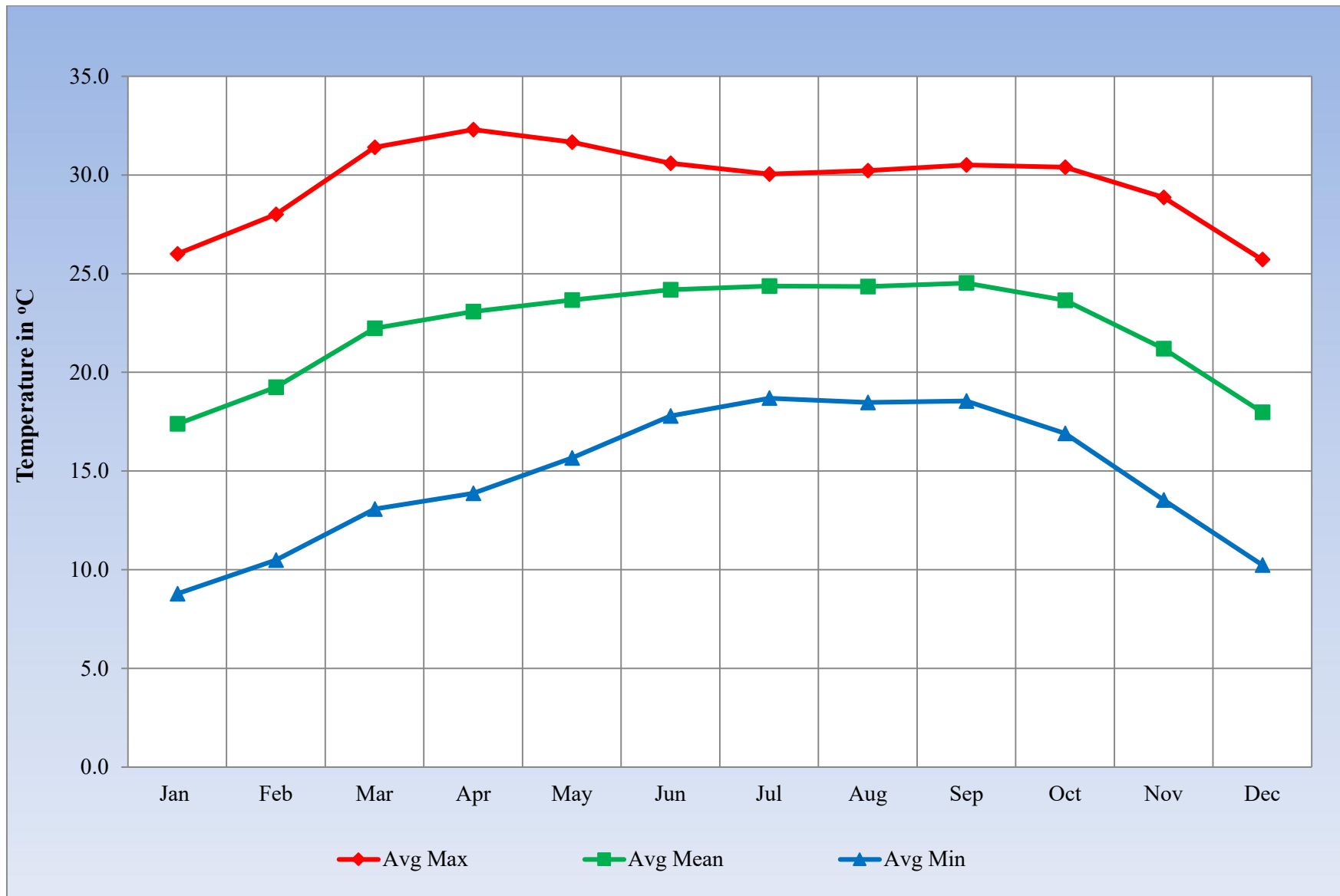


Figure 8: Average monthly mean, average max and average min temperature of Aizawl District (1986 – 2015)

CHAMPHAI DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	19.5	9	39	213.5	192	410	431.5	366.5	356	348.5	376	87.5	2849.0
1987	17.5	34.5	66	150.5	127.5	467.5	394.5	35.5	435.5	245	110	0	2084.0
1988	0	27	53	158	355	500	433.5	432	408.5	394	53	7	2821.0
1989	0	24.5	32.5	123	193	428	493	476	353	430.5	33	0	2586.5
1990	0	44	208	229.5	138.5	414.5	265	317.5	336.5	122	112.5	74.5	2262.5
1991	21	7.5	42.5	169	331	368	309	379	275.5	242	28	15.5	2188.0
1992	0	38	25	106	183.5	369.5	511.5	446.5	242.5	225.5	36.5	5.5	2190.0
1993	22.5	128.5	28.5	53	309	401.5	450	420	240.5	208.5	14	0	2276.0
1994	2	17	164	139	169	307	214	308	172	80	36	0	1608.0
1995	10	3	52	63	297	430	227	402	289	189	149	0	2111.0
1996	0	14.5	325.5	70.5	172.5	157	339.5	544.5	383	141.5	40.5	0	2189.0
1997	14.5	4.5	101.5	83.5	188.5	267	607.5	241.5	338	90	35.5	51.5	2023.5
1998	43	27.5	131	136	314	278	280.5	442.5	230.5	128.5	3.5	0	2015.0
1999	0	0	20	51.7	328.3	286.7	428	297	459.3	267	48.3	42	2228.3
2000	18.7	15.3	90	163.3	415.7	189.3	222	382	351	136.3	51	0	2034.6
2001	0	28.3	21	58	317	315	230.3	260	204	370	111	0	1914.6
2002	51.3	8	NA	137.3	317.7	268.7	407	303.7	303.7	100.3	134.7	0	2032.4
2003	1.3	10	55.3	103.3	195.3	499.3	212.7	340.3	277	160.3	0	29.3	1884.1
2004	0.7	0	16	284	138	380	439	276	406	86	2	0	2027.7
2005	1	0.7	127	82.7	213.5	169.3	259.3	281.7	204.3	282.7	5.7	14.3	1642.2
2006	0	3.3	NA	24.3	407	674.3	263	175.8	244.8	122	0	0	1914.5
2007	0	57.8	8	192.8	303.8	447	423.8	400.3	467.7	175.7	133	0	2609.9
2008	51.3	27.3	24.7	28	196.7	249.4	278.6	430.5	392.3	106.8	13.7	0	1799.3
2009	0	0	14	112.5	136.8	344.3	250.8	396.3	297.8	145.6	25.2	0	1723.3
2010	0	0	148.1	203.6	239	294.75	423.6	339.7	480.1	219.7	17.5	58.1	2424.2
2011	18	0.1	54.9	96.78	250.5	352.3	319.9	307.6	187	146.3	2.9	0	1736.3
2012	22	15.2	27.1	438	258	536	391	496.25	465	186	104	0	2938.6
2013	Nil	4.1	4.5	91.1	634.2	399.6	445.4	586.6	383.4	159.3	Nil	Nil	2708.2
2014	Nil	21.8	37.3	86.4	466.4	320.7	447.3	313.3	481.6	106	2.8	0	2283.6
2015	8.4	4.2	29.1	253.0	103.2	177.5	449.7	426.0	238.9	168.1	4.6	2.3	1864.9
Average	11.5	19.2	69.5	136.7	263.1	356.7	361.6	360.8	330.1	192.8	58.1	13.4	2173.4

Table 7: Average Monthly Rainfall (mm) of Champhai District (1986 - 2015)

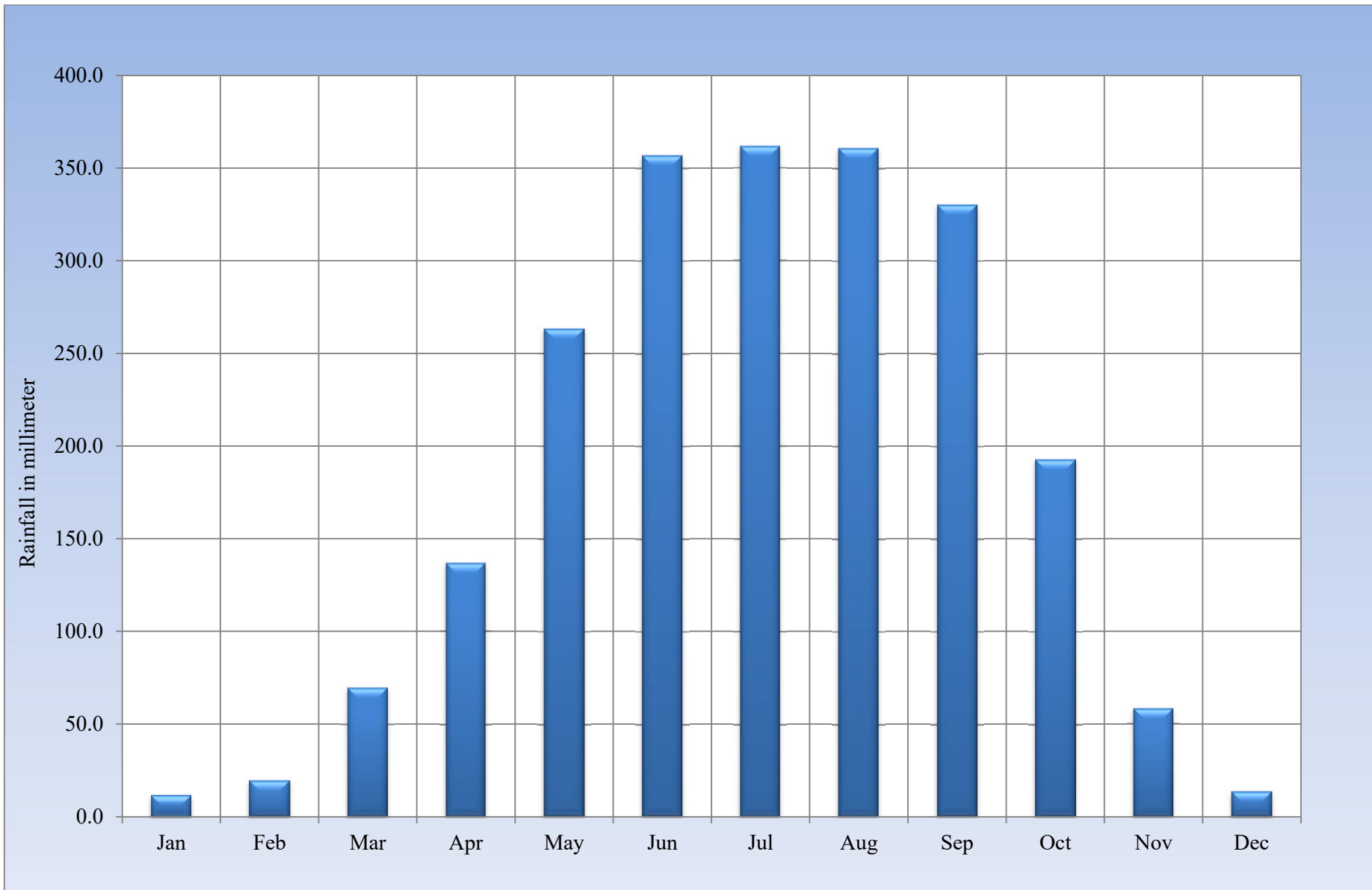


Figure 9: Average monthly rainfall (in mm) of Champhai District (1986 – 2015)

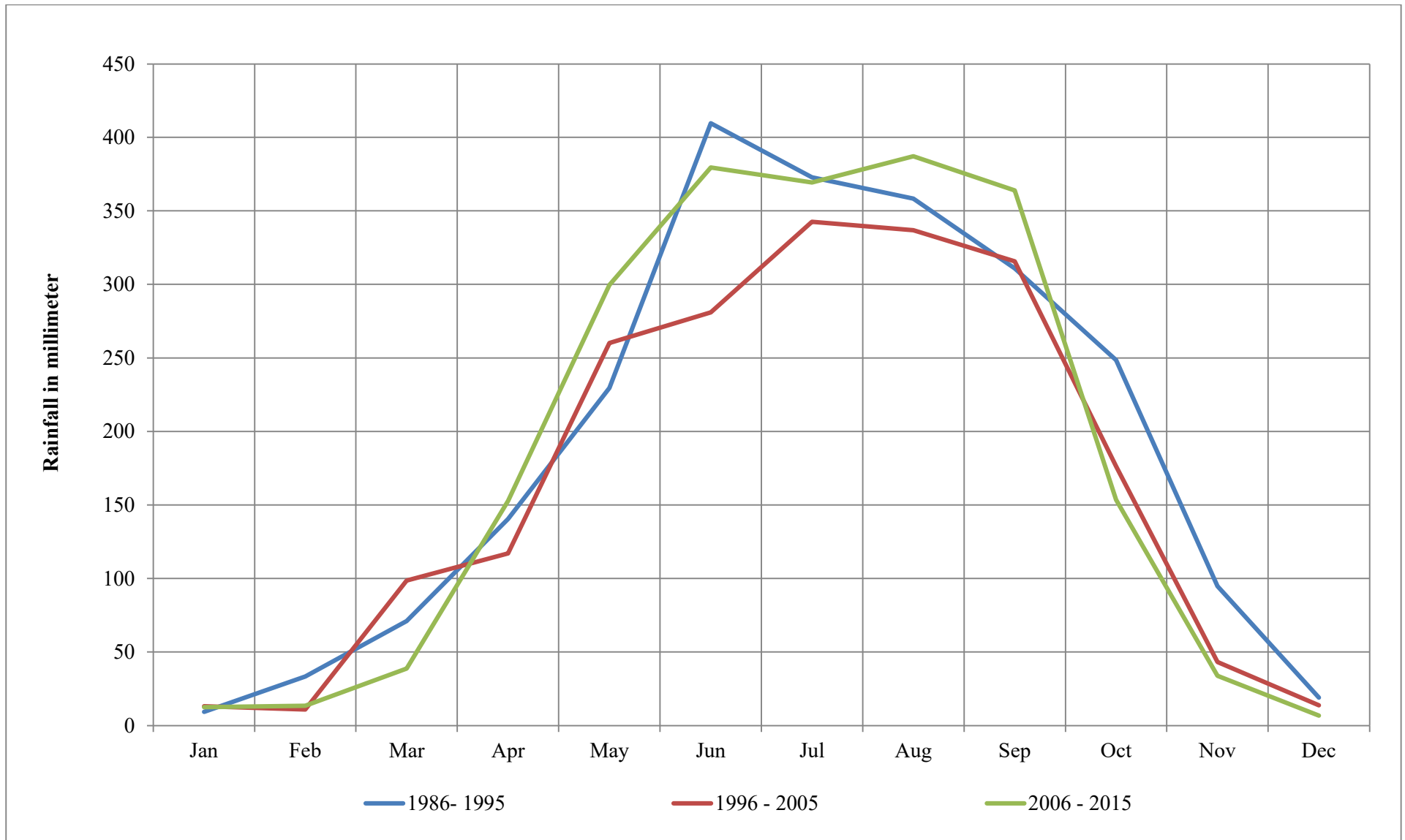


Figure 10: Decadal changes of Rainfall of Champhai District (1986 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	50.4	49.1	48.1	69.1	81.4	90.6	90.8	90.1	86.8	80.7	67.2	47.1
Avg Humidity %	50.4	49.1	48.1	69.1	81.4	90.6	90.8	90.1	86.8	80.7	67.2	47.1

Table 8: Average Monthly Relative Humidity (%) of Champhai District (2010)

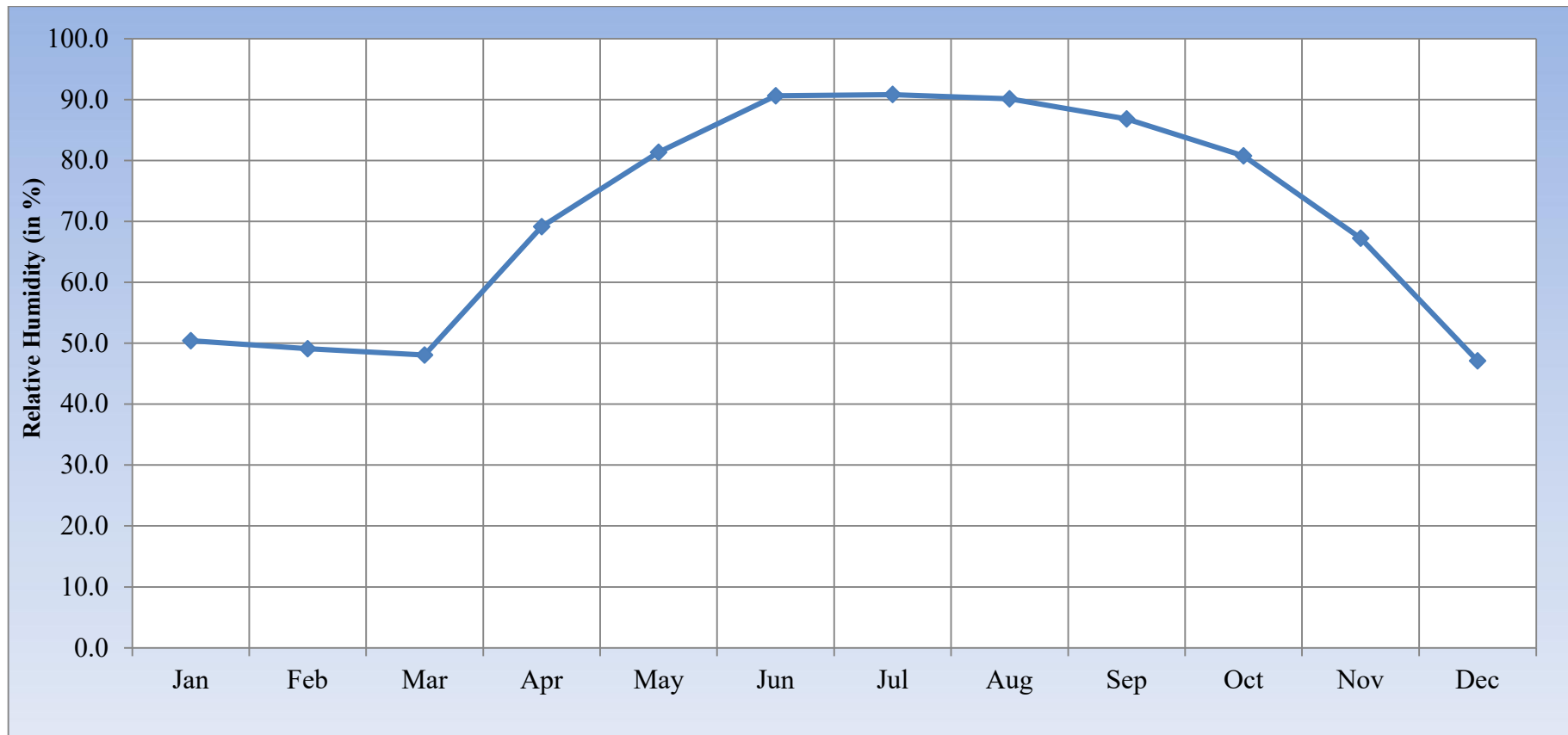


Figure 11: Average Monthly Relative Humidity (%) of Champhai District (2010)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1988	29.0	11.0	30.0	11.0	32.0	15.0	40.0	15.0	32.0	15.0	35.0	18.0	30.0	18.0	30.0	18.0	31.0	18.0	36.0	14.0	35.0	13.0	23.0	10.0
1989	22.0	4.0	22.0	8.0	31.0	12.0	36.5	14.0	35.0	19.0	35.0	19.0	31.0	19.0	29.0	20.0	30.5	21.0	30.5	18.0	27.0	12.0	25.0	5.0
1990	25.0	8.0	26.0	11.0	31.0	11.0	31.0	12.0	34.0	16.0	33.0	18.0	35.0	19.0	32.0	19.0	32.0	18.0	31.0	13.0	29.0	12.0	25.0	9.0
1991	24.0	7.0	30.0	10.0	32.0	12.0	32.0	13.0	29.0	15.0	29.0	16.0	30.0	19.0	30.0	19.0	29.0	17.0	28.0	15.0	24.0	14.0	20.0	7.0
1992	27.0	6.0	27.0	7.0	35.0	12.0	35.0	10.0	31.0	12.0	34.0	11.0	30.0	12.0	30.0	12.0	32.0	14.0	31.0	14.0	29.0	8.0	33.0	7.5
1993	33.0	6.0	32.0	8.0	33.0	12.0	33.0	15.0	32.0	14.0	30.0	14.0	31.0	18.0	32.0	19.0	31.0	19.0	33.0	15.0	26.0	12.0	26.0	9.0
1994	27.0	7.0	30.0	9.5	32.0	11.0	35.0	13.0	34.0	15.0	32.0	16.0	32.0	18.0	31.0	18.0	31.0	18.0	30.0	16.0	28.0	9.0	32.0	9.0
1995	28.0	6.0	26.0	9.0	33.0	12.0	34.0	13.0	34.0	17.0	32.0	18.0	30.0	18.0	30.0	18.0	29.0	18.0	29.0	17.0	27.0	11.0	22.0	9.0
1996	22.0	8.0	25.5	10.5	30.0	12.0	32.0	13.0	29.0	12.0	40.0	16.0	35.0	17.5	34.0	18.0	34.0	17.0	34.0	11.5	30.0	4.5	26.0	1.5
1997	24.0	0.0	24.0	0.0	28.0	7.5	30.5	8.0	34.0	13.5	34.0	15.0	33.0	18.0	33.0	17.5	32.0	16.0	31.0	11.0	29.5	7.0	26.5	1.5
1998	21.0	0.0	24.0	3.0	30.0	3.0	32.0	9.0	36.0	11.0	35.0	16.0	35.0	18.0	34.0	19.0	33.0	19.0	32.0	13.0	29.0	8.0	24.0	4.0
1999	27.0	5.0	29.5	6.0	26.0	4.5	36.0	11.0	36.0	16.0	38.0	18.0	34.5	17.0	36.0	20.0	37.0	20.0	35.0	19.0	33.0	9.0	30.0	5.0
2000	26.0	4.0	28.0	5.0	34.5	6.0	36.5	15.0	35.0	16.0	34.0	18.0	34.0	18.0	35.0	16.0	33.0	18.0	34.0	14.0	34.0	5.0	21.0	2.0
2001	22.0	0.5	26.5	2.0	30.0	6.0	34.0	9.5	34.0	12.0	35.0	16.0	34.0	19.0	36.0	18.0	33.0	15.0	28.0	3.0	22.0	1.5	22.0	1.5
2002	23.0	0.0	26.0	1.0	30.0	4.0	32.0	10.0	35.0	12.0	33.0	17.0	33.0	18.0	34.0	18.0	34.0	16.0	32.0	11.0	29.0	6.0	23.0	0.0
2003	21.0	0.0	26.0	2.0	29.0	3.0	33.0	4.0	33.0	15.0	36.0	14.0	35.0	19.0	34.0	19.0	33.0	18.0	31.0	11.0	26.0	5.0	26.0	3.0
2004	24.0	0.0	27.0	0.0	35.0	6.0	31.0	9.0	35.0	11.0	33.0	18.0	34.0	18.0	36.0	19.0	34.0	18.0	34.0	11.0	25.0	5.0	22.0	3.0
2005	22.0	4.2	24.5	6.6	29.7	10.4	29.9	12.7	31.9	15.9	32.0	18.2	30.4	19.0	32.4	19.1	30.4	18.5	29.4	14.2	25.2	8.5	22.0	6.0
2006	22.0	4.0	25.0	7.0	29.0	10.0	30.0	11.0	32.0	13.0	32.0	13.0	33.0	18.0	30.0	18.0	30.0	15.0	29.0	16.0	27.0	5.0	22.0	2.0
2007	21.0	1.0	22.0	4.0	27.0	6.0	28.0	6.0	31.0	8.0	36.0	17.0	35.0	18.0	36.0	19.0	34.0	19.0	33.0	13.0	29.0	9.0	22.0	0.0
2008	23.0	1.0	25.0	0.0	29.0	8.0	32.0	10.0	34.0	14.0	32.0	16.0	32.0	14.0	32.0	17.0	32.0	18.0	32.0	14.0	23.0	2.0	22.0	2.0
2009	22.0	2.0	26.0	1.0	30.0	13.0	30.0	13.0	32.0	16.0	31.0	14.0	27.0	13.0	28.0	14.0	26.0	13.0	30.0	7.0	29.0	5.0	26.0	3.0
2010	27.0	4.0	28.0	8.0	30.0	14.0	32.0	16.0	31.0	17.0	29.0	15.0	32.0	16.0	31.0	16.0	30.0	16.0	30.0	14.0	29.0	10.0	24.0	3.0
2011	24.0	3.0	27.0	4.0	30.0	13.0	31.0	14.0	31.0	16.0	30.0	14.0	29.0	14.0	30.0	15.0	30.0	14.0	30.0	10.0	29.0	7.0	30.0	15.0
Average	24.4	3.8	26.5	5.6	30.7	9.3	32.8	11.5	33.0	14.2	33.3	16.1	32.3	17.3	32.3	17.7	31.7	17.2	31.4	13.1	28.1	7.9	24.8	4.9
Avg Mean	14.1		16.1		20.0		22.2		23.6		24.7		24.8		25.0		24.5		22.3		18.0		14.9	

Table 9: Monthly Average, Maximum and Minimum Temperature Data for Champhai District (1988 - 2011)

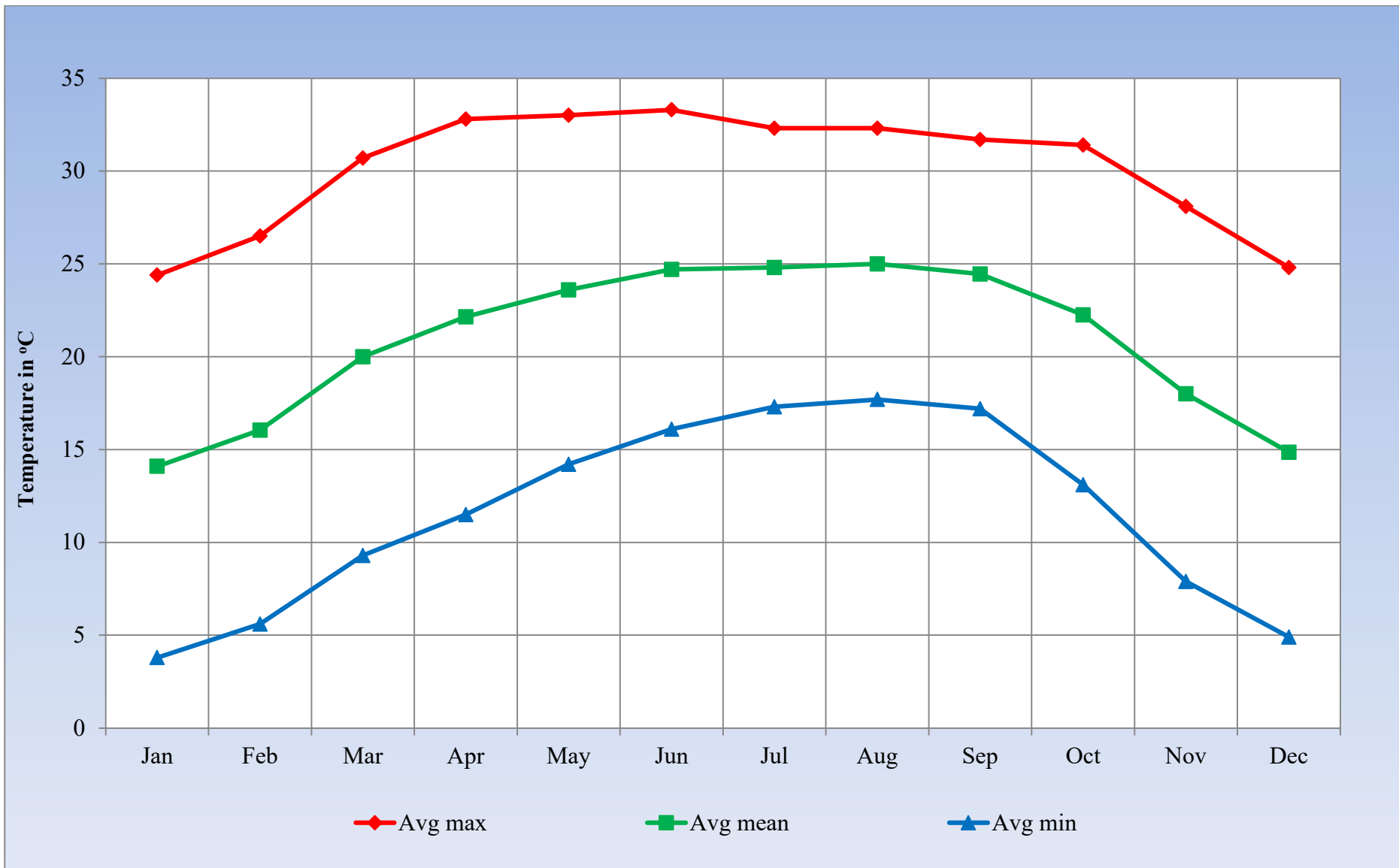


Figure 12: Averaged mean, maximum and minimum temperature (in degree Celsius) of Champhai District (1986 – 2011)

KOLASIB DISTRICT

Year	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1986	13	24	21	292	142	430	455	449	377	339	124	3	2669
1987	15	9	73	146	162	487	451	411	435	328	58	5	2580
1988	0	41	115	178	438	445	432	411	238	211	67	0	2576
1989	0	21	28	98	241	448	491	491	442	368	0	0	2628
1990	2	36	236	256	355	438	413	324	361	182	84	21	2708
1991	40	103	165	364	432	406	223	323	314	260	0	119	2749
1992	10	65	19	180	264	263	397	483	320	248	21	6	2276
1993	3	142	121	188	522	500	511	427	283	157	7	0	2861
1994	14	40	256	247	174	535	601	417	184	148	5	0	2621
1995	8	39	50	58	359	491	310	852	357	150	187	0	2861
1996	1	88	338	60	250	471	348	589	489	201	27	0	2862
1997	6	34	185	140	333	306	852	515	748	66	0	71	3256
1998	42	44	215	138	221	643	226	359	212	156	50	0	2306
1999	0	0	49	19	493	249	488	318	329	186	7	0	2138
2000	19	12	248	398	264	272	214	568	508	236	3	0	2742
2001	0	120	106	153	320	818	667	518	620	279	142	0	3743
2002	6	0	45	235	606	347	442	582	178	203	86	2	2732
2003	0	6	81	212	234	570	332	379	400	157	0	59	2430
2004	3	0	10	486	217	390	642	520	264	84	0	0	2616
2005	0	53.3	187.8	95.8	454.7	220.7	589	444.6	336.6	207.1	0	0	2589.6
2006	0	2.3	8.4	206.9	446.03	554.4	518.7	383.1	225.8	132.3	2.8	0	2480.73
2007	0	74	21.1	312.6	319.4	398.9	280.3	525.8	597.5	216.8	73.9	0	2820.3
2008	29.6	17.4	53.5	33.6	103.4	377.2	384	610	254	245	0	0	2107.7
2009	0	14	39.4	165.2	202.8	301.3	327.6	111.2	313.7	101.6	6.7	0	1583.5
2010	0	0.4	91.6	501.1	473.6	515	575.8	815.5	584.1	179.3	11	89	3836.4
2011	3	0	56.3	73.9	396.8	405.3	331.4	511.4	376.2	159.9	0	0	2314.2
2012	37.9	36.6	14.8	692	264.3	447.8	302.6	563.5	524.4	229	30.8	0	3143.7
2013	Nil	4.1	6.4	104.8	889.8	339.6	522.4	510.1	391.3	123.9	Nil	Nil	2892.4
2014	Nil	14.2	40.8	75.6	234.5	286.3	530.3	244.8	457.1	117.7	2.2	0	2003.5
2015	5.9	14.8	16.3	273.3	263.7	313.1	359.6	350.2	213.1	165.1	16.2	6.9	1998.2
Average	9.2	35.2	96.6	212.8	335.9	422.3	440.6	466.9	377.8	194.6	34.9	13.2	2639.7

Table 10: Average Monthly Rainfall (in mm) of Kolasib District (1986 – 2015)

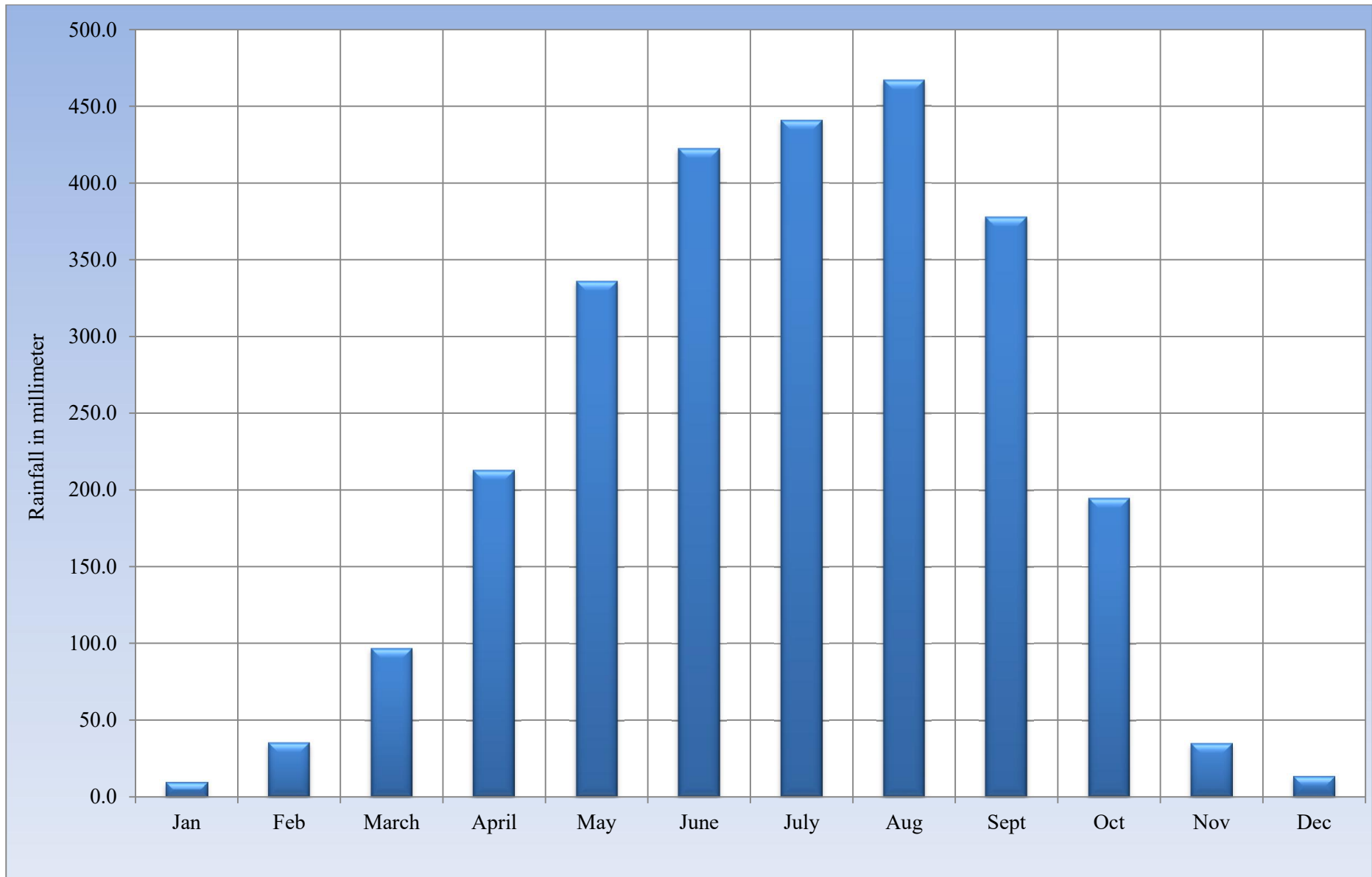


Figure 13: Average monthly rainfall (in mm) of Kolasib District (1986 – 2015)

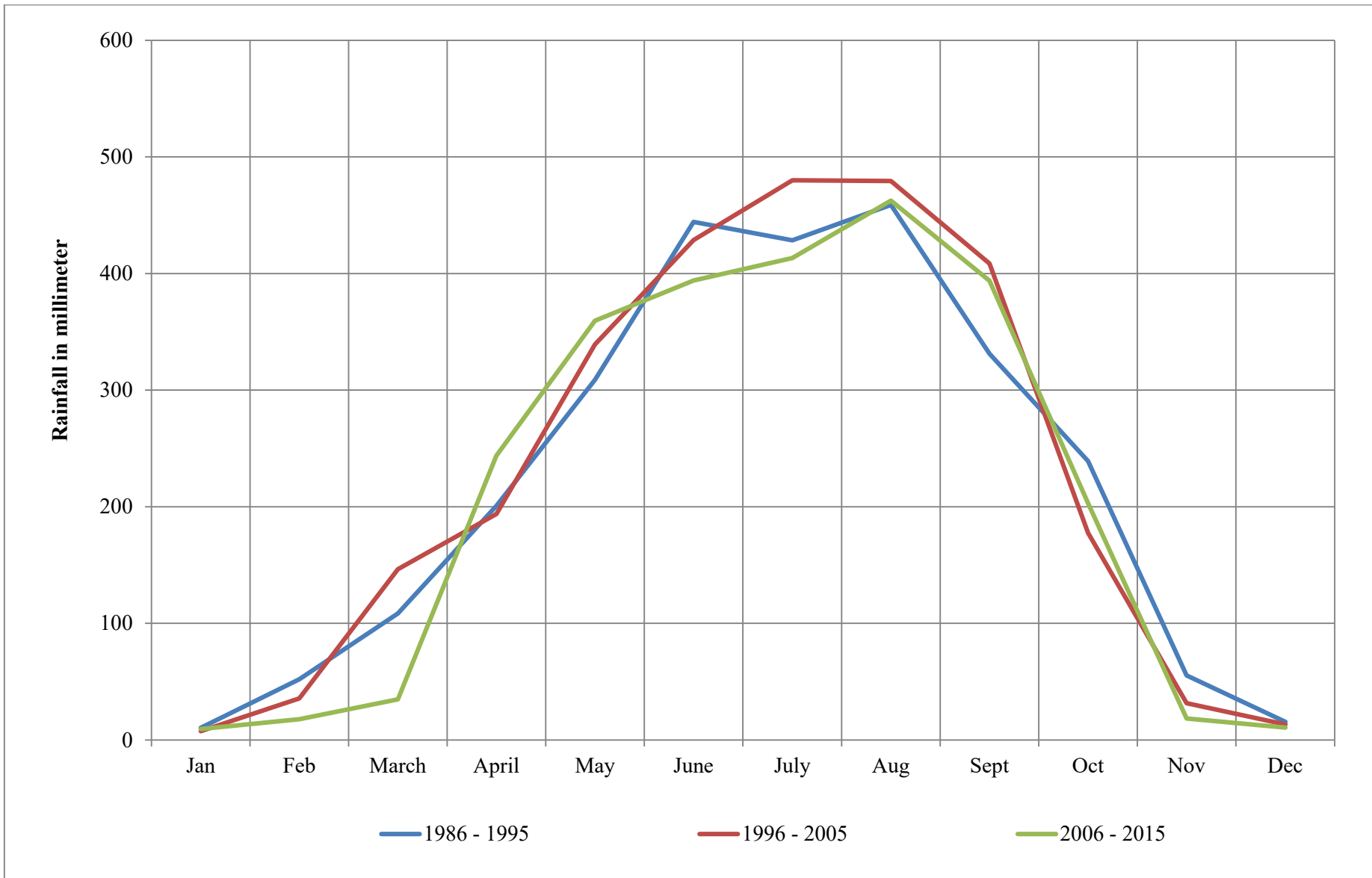


Figure 14: Decadal changes Rainfall of Kolasib District (1986 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	61.8	50.4	51.7	73.8	82.0	88.7	90.0	91.8	91.6	87.7	81.5	73.3
2011	68.7	55.3	57.1	63.2	81.2	87.4	89.3	92.5	91.5	87.5	81.5	68.8
Avg Humidity %	65.2	52.8	54.4	68.5	81.6	88.1	89.7	92.2	91.6	87.6	81.5	71.1

Table 11: Average Monthly Relative Humidity (%) of Kolasib District (2010 – 2011)

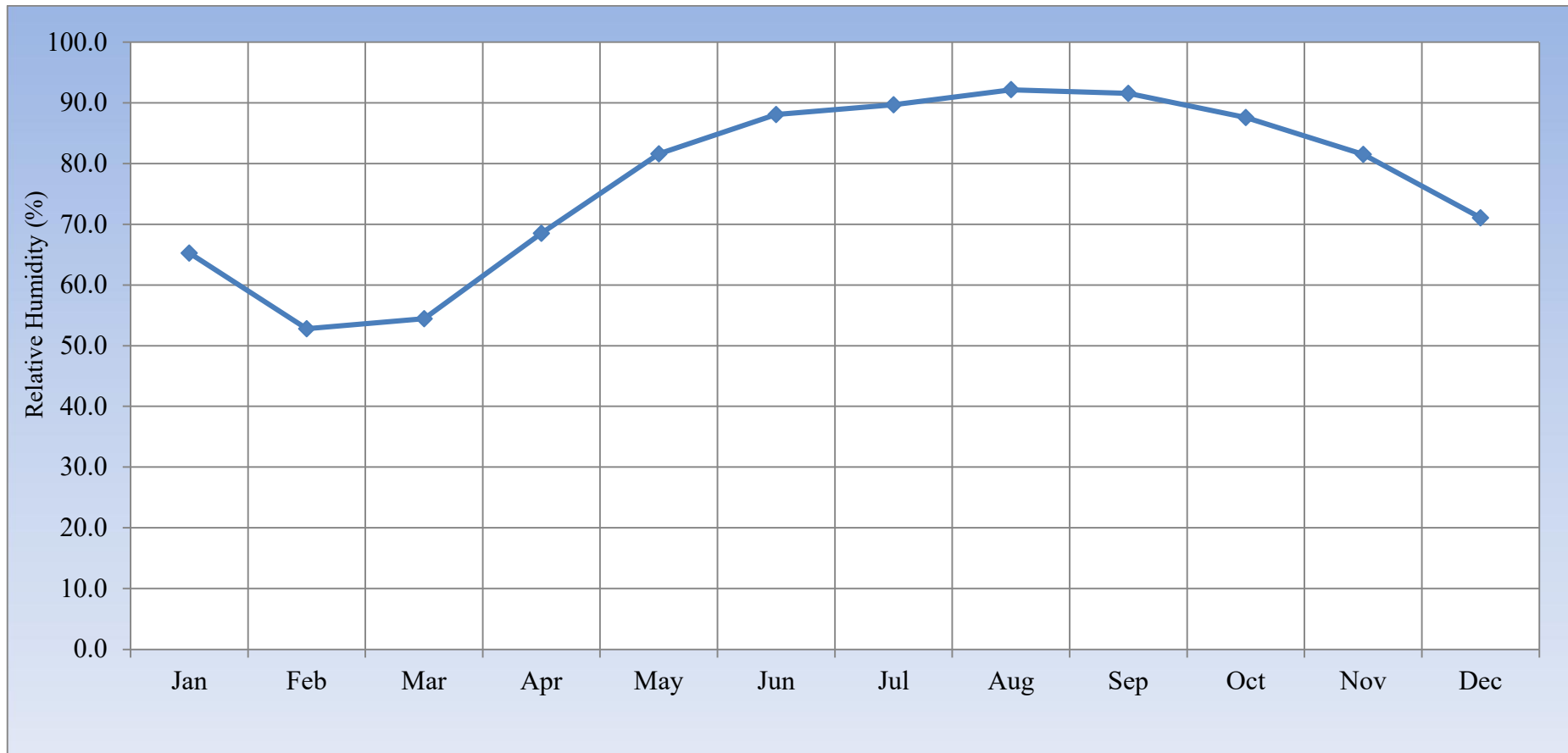


Figure 15: Average monthly Relative Humidity (%) of Kolasib District during 2010 – 2011

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1986	21.4	13.1	24.4	14.0	27.9	18.2	29.1	19.8	30.9	20.9	31.9	23.5	30.0	20.5	31.2	22.5	28.9	21.7	28.8	20.0	27.3	17.1	24.9	14.0
1987	25.1	12.2	27.9	14.8	27.8	17.4	28.3	20.1	30.9	21.2	30.5	22.8	31.1	22.7	30.1	22.4	29.8	22.4	29.3	20.4	27.5	18.1	24.9	14.0
1988	25.0	13.0	26.8	14.9	28.2	17.0	30.5	20.4	29.2	21.2	31.2	23.3	28.9	22.5	29.7	22.2	29.2	22.8	28.7	20.5	27.6	18.6	25.3	15.9
1989	20.7	12.4	22.7	14.3	27.1	18.4	30.6	20.0	30.4	21.5	28.7	22.1	29.5	21.8	30.2	19.2	30.8	21.3	28.6	21.8	25.2	18.1	22.4	13.9
1990	22.3	13.8	22.9	15.6	24.3	16.6	26.1	17.4	29.9	20.2	29.2	20.9	30.6	21.8	30.1	21.1	30.3	23.3	30.0	20.8	31.1	20.4	23.7	14.4
1991	19.8	11.6	24.1	15.8	29.7	18.6	26.7	20.4	24.8	20.6	28.6	22.4	33.3	22.8	27.9	23.8	27.7	23.0	26.8	21.3	24.2	18.4	22.1	13.8
1992	20.7	12.0	21.3	12.1	26.5	19.7	29.3	22.0	27.5	21.5	26.6	23.3	31.1	23.8	31.9	23.9	30.8	24.2	25.7	23.3	23.9	21.1	19.4	16.4
1993	18.7	15.0	21.9	18.4	24.2	20.8	27.3	23.2	26.1	22.9	27.1	24.5	27.9	24.9	27.7	24.8	27.7	24.5	26.3	22.4	23.8	20.0	21.2	17.4
1994	19.7	15.5	20.6	15.8	24.1	19.9	26.9	22.2	28.8	24.8	28.4	25.4	28.5	25.3	28.5	25.5	29.3	25.2	29.7	22.5	28.0	20.9	27.2	16.6
1995	20.5	14.3	21.3	16.5	27.6	21.3	29.4	23.9	29.7	25.4	29.2	25.7	29.2	25.4	29.4	24.4	29.4	25.1	28.0	23.4	26.0	20.5	23.0	14.0
1996	21.1	13.9	23.7	16.8	26.0	20.3	29.1	23.8	29.7	22.3	30.0	25.2	28.5	24.8	28.1	24.8	29.2	25.0	27.6	22.7	25.9	20.7	23.4	16.2
1997	22.6	11.8	24.8	15.7	31.2	18.7	30.0	18.2	31.5	22.3	30.6	21.6	30.0	21.5	29.7	22.6	28.2	19.8	27.3	18.2	25.3	16.5	21.2	13.1
1998	20.2	11.3	23.7	16.2	24.0	17.5	27.3	21.1	29.7	21.6	29.6	23.0	28.2	21.6	28.1	21.4	29.3	21.7	29.6	19.7	27.3	16.8	22.9	12.1
1999	22.4	11.1	28.2	16.0	29.5	17.7	30.7	21.4	29.3	22.7	30.7	21.3	29.8	21.9	28.6	22.9	29.0	23.0	29.2	19.5	26.8	15.7	25.2	12.4
2000	22.5	10.6	24.2	11.1	28.9	15.2	29.3	17.7	29.1	18.3	30.0	23.0	27.8	25.6	27.5	23.9	28.3	25.2	28.5	25.6	25.0	20.4	20.7	24.9
2001	18.4	12.9	23.9	18.2	27.5	22.4	29.8	22.1	29.7	23.6	28.0	24.3	28.7	24.5	29.5	24.8	28.8	24.7	28.2	24.5	26.5	16.4	23.4	13.9
2002	22.4	15.9	25.2	17.9	32.2	17.7	31.2	17.9	32.9	20.5	31.5	23.8	30.3	23.1	30.8	16.6	31.5	19.3	31.2	20.8	33.8	19.3	24.7	12.1
2003	25.3	11.6	26.6	15.8	28.4	17.7	28.7	20.1	27.6	21.6	26.9	23.9	27.8	24.8	28.0	24.9	27.0	24.5	26.4	23.2	22.4	18.5	19.2	16.8
2004	19.9	14.8	24.0	18.4	23.0	18.8	27.8	22.0	30.9	24.6	28.9	24.1	27.8	24.3	28.8	23.1	26.4	22.7	27.1	22.7	24.0	19.3	22.1	18.2
2005	20.0	14.8	24.0	18.4	24.9	19.3	29.5	23.3	28.8	22.9	31.7	25.8	30.2	24.1	29.7	23.9	30.9	23.7	28.8	23.9	25.5	21.1	23.6	18.1
2006	21.7	15.9	25.7	21.1	23.1	22.5	29.6	24.0	29.6	23.8	28.6	23.6	30.4	23.3	30.2	25.1	29.5	23.6	29.0	23.4	25.7	20.1	23.0	17.2
2007	21.2	14.6	23.2	16.8	26.8	19.5	28.2	21.2	29.6	23.1	28.5	23.2	27.4	22.9	28.8	23.1	28.0	22.7	27.2	21.5	25.9	19.9	22.3	15.3
2008	27.4	14.5	22.3	15.2	26.9	21.0	31.3	24.3	31.4	25.0	30.2	25.5	30.1	25.7	30.3	25.5	30.9	25.1	28.8	22.3	27.3	19.1	24.8	17.4
2009	23.5	13.5	27.0	17.1	22.4	25.0	24.9	25.1	21.3	30.6	23.6	30.5	23.5	29.9	23.4	29.1	23.3	28.8	28.0	21.7	18.6	24.7	21.8	14.7
2010	14.7	22.7	16.4	24.1	21.4	29.9	24.9	24.7	31.3	21.3	31.2	20.6	31.7	22.0	31.4	23.3	30.7	23.1	30.6	22.9	27.8	19.1	25.8	15.9
2011	23.5	13.1	27.1	16.4	28.0	19.3	30.3	21.0	27.7	22.0	30.3	30.3	30.1	23.0	30.5	23.2	28.2	22.4	28.8	21.3	27.6	19.0	22.9	15.2
Average	21.6	13.7	24.0	16.4	26.6	19.6	28.7	21.4	29.2	22.5	29.3	24.0	29.3	23.6	29.2	23.4	29.0	23.4	28.4	21.9	26.1	19.2	23.1	15.5
Avg. Mean	17.6		20.2		23.1		25.1		25.9		26.6		26.5		26.3		26.2		25.2		22.7		19.3	

Table 12: Monthly Average, Maximum and Minimum Temperature Data for Kolasib District (1986 - 2011)

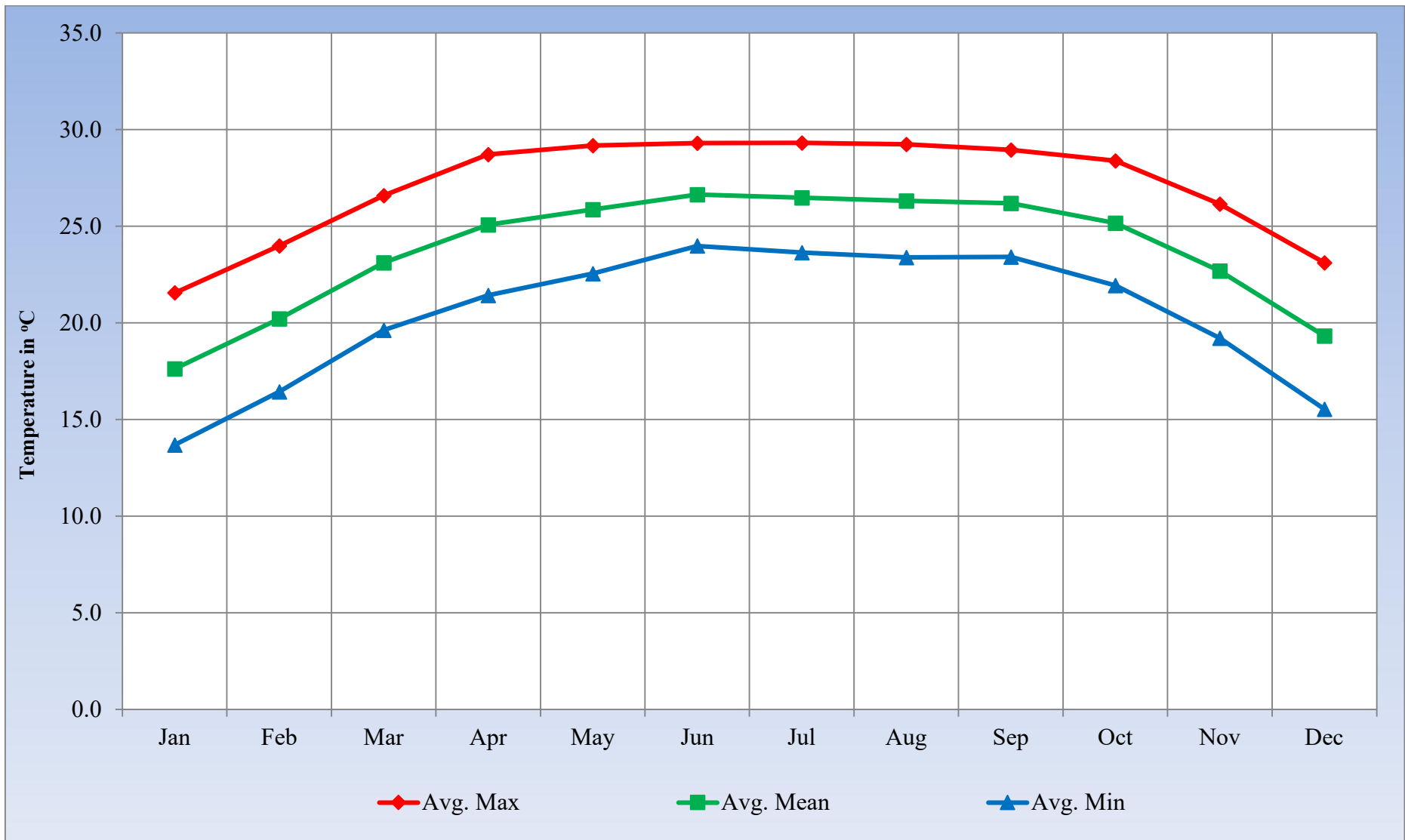


Figure 16: Monthly Average, Maximum and Minimum Temperature of Kolasib District (1986 - 2011)

LAWNGTLAI DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	0	0	33	268	25	546	417	582	291	326	106	0	2594
1987	5	0	20	124	66	480	431	442	429	165	138	0	2300
1988	0	0	34	127	345	490	500	392	308	180	97	0	2473
1989	0	27	0	128	99	407	500	447	465	405	0	0	2478
1990	0	17	118	288	332	439	481	498	474	68	155	26	2896
1991	62	0	34	211	689	561	331	305	455	318	24	10	3000
1992	6	162	4	94	179	415	489	405	355	297	64	21	2491
1993	22	192	70	53	390	511	470	372	312	276	50	0	2718
1994	0	0	260	57	162	127	479	365	175	132	79	0	1836
1995	0	0	0	9	300	442	517	480	331	245	162	0	2486
1996	0	5	190	16	131	242	303	250	534	306	0	0	1977
1997	9	0	151	191	326	333	1070	225	300	42	0	30	2677
1998	12	3	62	60	673	412	830	432	385	76	1	0	2946
1999	0	0	2	20	468	642	421	399	325	404	32	49	2762
2000	10	5	20	203	611	518	261	524	297	222	80	0	2751
2001	0	0	0	74	311	424	312	361	348	233	81	0	2144
2002	13	0	41	55	698	701	892	377	253	74	99	0	3203
2003	0	0	42	27	462	916	323	269	365	367	0	0	2771
2004	0	0	0	525	234	577	554	233	202	115	0	0	2440
2005	0	0	89	160	140	457	416.4	582.1	302	217	97.7	0	2461.2
2006	0	0	0	35	461	557	481	265	149	153	35	0	2136
2007	0	35	11	86	423	519.5	525.5	421.1	579.5	195.5	36	0	2832.1
2008	121	18.5	12	0	162	314.5	419	340	327	158	0	0	1872
2009	0	0	12	123.2	181	439.9	401	552.7	562.3	151	48.1	0	2471.2
2010	0	0	0	33	261.4	423.9	352.3	482.2	271.2	170.3	32	14.7	2041
2011	6.5	6.5	21	66	388	436	376	153	394	42.6	3.9	0	1893.5
2012	NA	NA	NA	NA	NA	NA	NA	368.7	279	245	9	0	901.7
2013	0	0	0	50.5	330.5	254.7	254.8	428	399	201	0	0	1918.5
2014	0	0	26	2.5	218	388.6	167.7	226.1	320.7	185.7	6	0	1541.3
2015	9	0	29	109.2	45.5	291.2	260.2	360.4	238.6	127	2.1	1.2	1473.4
Average	9.5	16.2	44.2	110.2	314.2	457.4	456.4	384.6	347.5	203.2	47.9	5.1	2396.43

Table 13: Average Monthly Rainfall (mm) of Lawngtlai District (1986 – 2015)

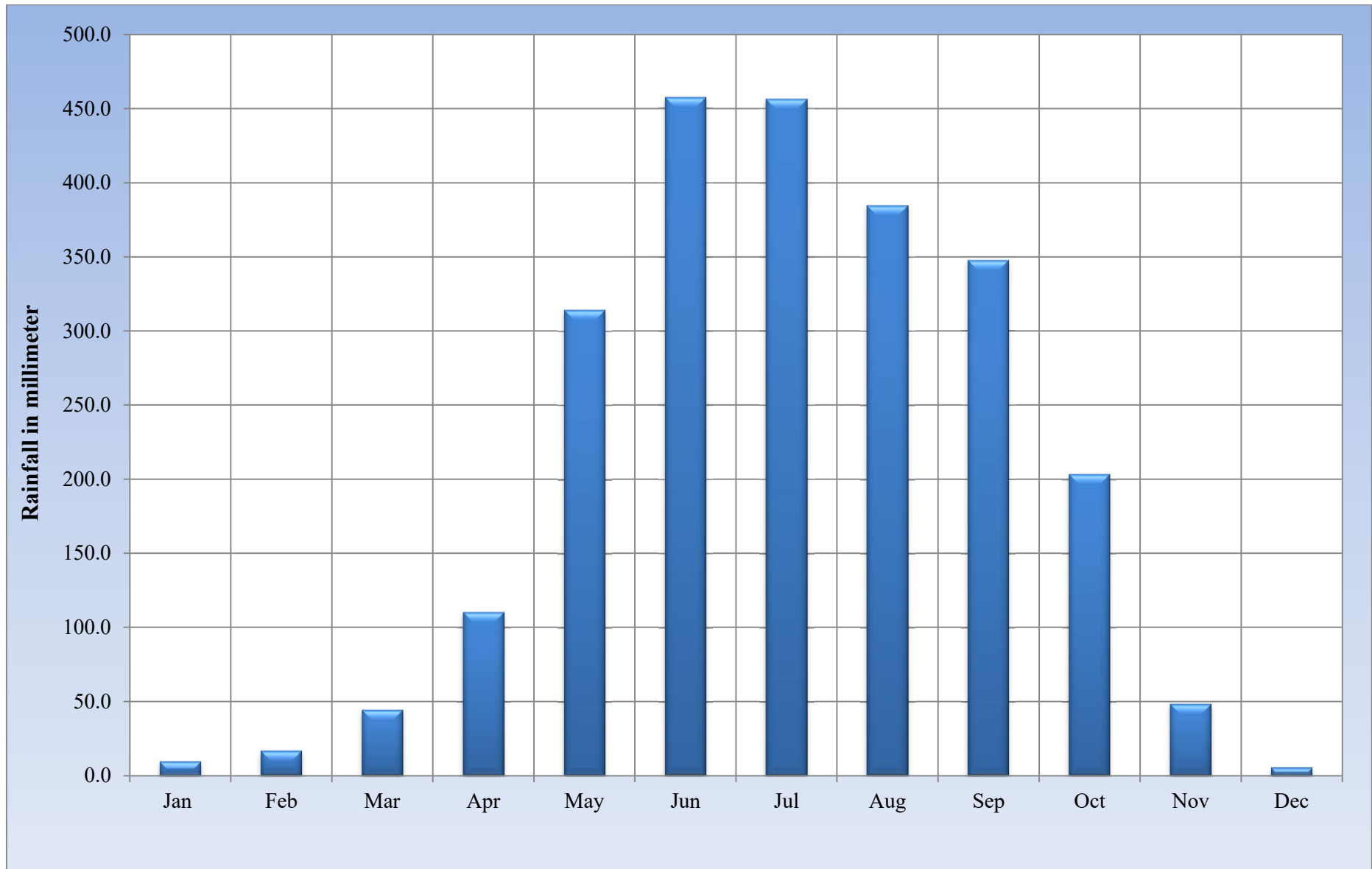


Figure 17: Average Monthly Rainfall (mm) of Lawngtlai District (1986 – 2015)

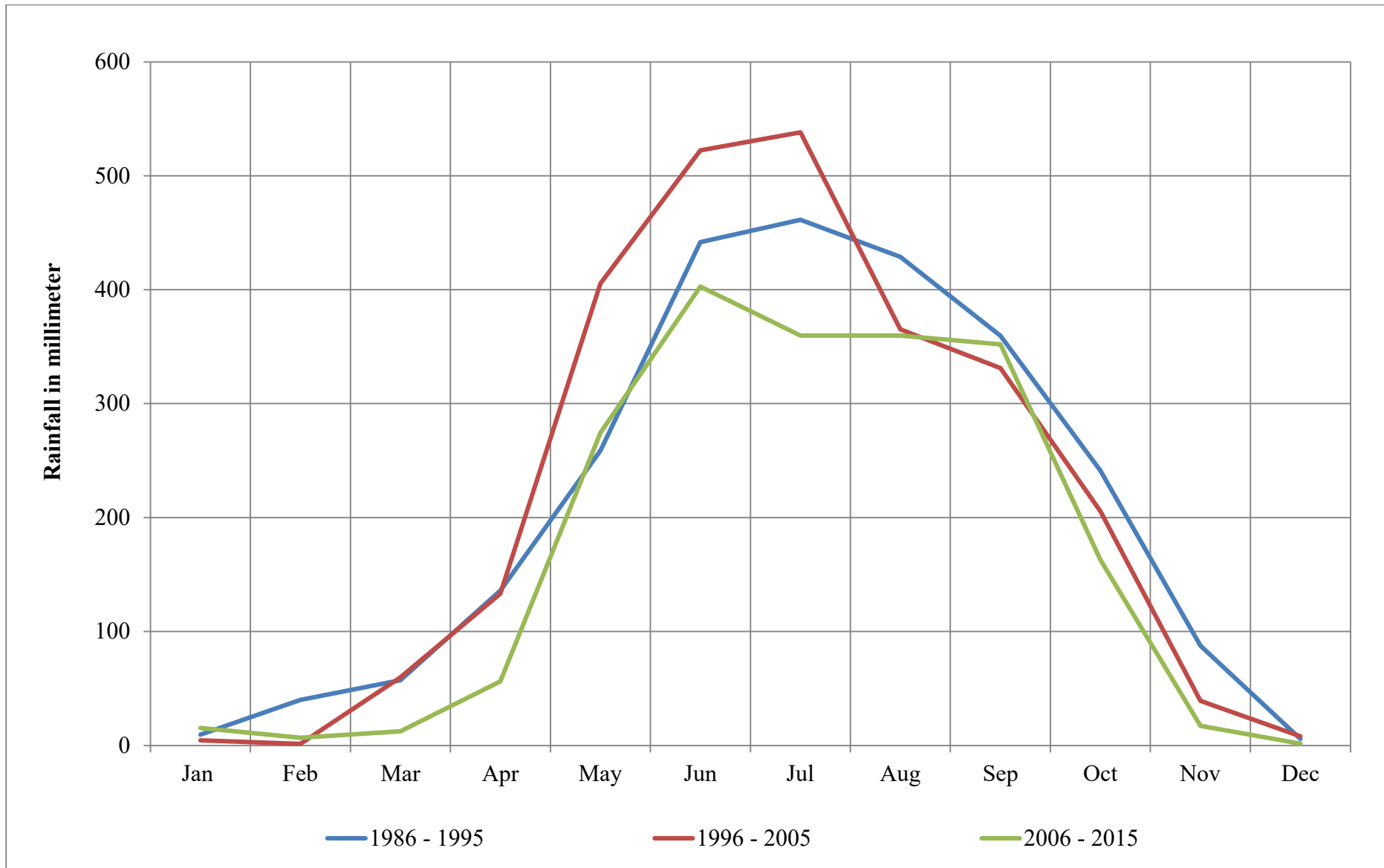


Figure 18: Decadal changes Rainfall (mm) of Lawngtlai District (1986 – 2015)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1986	26.0	8.0	29.0	8.0	29.0	10.0	29.5	16.0	31.0	17.0	32.0	17.0	31.5	16.0	30.0	16.0	32.0	15.0	30.0	10.0	30.0	11.0	28.0	7.0
1987	28.0	8.0	31.5	9.0	34.5	13.0	34.5	10.0	36.0	9.0	35.5	15.0	30.0	17.0	28.0	19.0	25.0	19.0	27.0	17.0	27.0	12.0	25.0	8.0
1988	20.0	7.0	23.0	10.0	29.0	14.0	33.0	16.0	30.0	17.0	30.0	18.0	28.0	18.0	25.0	19.0	26.0	18.0	25.0	17.0	23.0	12.0	26.0	9.0
1989	18.0	5.0	23.0	10.0	30.0	14.0	32.0	12.0	33.0	18.0	33.0	18.0	27.0	14.0	28.0	18.0	28.0	19.0	26.0	16.0	24.0	8.0	22.0	5.0
1990	23.0	4.0	25.0	9.0	29.0	5.0	30.0	10.0	30.0	14.0	30.0	17.0	28.0	16.0	28.0	17.0	29.0	16.0	28.0	13.0	28.0	10.0	22.0	6.0
1991	21.0	5.0	27.0	9.0	31.0	16.0	33.0	12.0	30.0	15.0	30.0	16.0	30.0	16.0	34.0	16.0	30.0	16.0	29.0	16.0	26.0	12.0	23.0	1.0
1992	20.0	4.0	24.0	9.0	33.0	12.0	35.0	20.0	36.0	18.0	37.0	20.0	32.0	21.0	30.0	17.0	29.0	14.0	29.0	14.0	27.0	8.0	23.0	4.0
1993	23.0	3.0	25.0	5.0	27.0	9.0	32.0	14.0	30.0	12.0	29.0	14.0	28.0	12.0	27.0	13.0	29.0	15.0	29.0	14.0	26.0	11.0	23.0	5.0
1994	24.0	6.0	27.0	8.0	31.0	13.0	36.0	13.0	34.0	19.0	31.0	15.0	31.0	16.0	30.0	15.0	32.0	17.0	30.0	14.0	26.0	10.0	21.0	8.0
1995	21.0	6.0	26.0	10.0	33.0	10.0	36.0	10.0	33.0	12.0	38.0	14.0	37.0	18.0	33.0	19.0	33.0	20.0	32.0	19.0	31.0	12.0	26.0	8.0
1996	27.0	9.0	27.0	11.0	33.0	14.0	34.0	15.0	34.0	15.0	33.0	18.0	31.0	19.0	31.0	18.0	36.0	12.0	31.0	16.0	29.0	12.0	26.0	8.5
1997	23.0	7.0	26.0	10.0	32.0	12.0	33.0	13.0	35.0	13.0	32.0	17.0	30.0	18.0	30.0	18.0	30.0	18.0	28.0	15.0	28.0	13.0	25.0	10.0
1998	24.0	9.0	26.0	11.0	30.0	12.0	32.0	15.0	33.0	18.0	30.0	19.0	30.0	19.0	28.0	19.0	30.0	19.0	30.0	18.0	28.0	15.0	25.0	10.0
1999	25.0	11.0	30.0	13.0	33.0	15.0	35.0	17.0	35.0	12.0	30.0	18.0	28.0	18.0	30.0	18.0	28.0	17.0	29.0	18.0	26.0	12.0	24.0	10.0
2000	25.0	11.0	27.0	11.0	32.0	15.0	33.0	18.0	32.0	19.0	33.0	18.0	33.0	20.0	30.0	20.0	31.0	20.0	30.0	20.0	28.0	14.0	25.0	10.0
2001	26.0	8.0	29.0	13.0	35.0	18.0	37.0	20.0	33.0	19.0	30.0	20.0	32.0	20.0	32.0	20.0	32.0	18.0	30.0	17.0	29.0	13.0	26.0	10.0
2002	23.0	10.0	31.0	10.0	35.0	16.0	35.0	16.0	34.0	20.0	31.0	19.0	30.0	10.0	31.0	18.0	30.0	17.0	30.0	15.0	28.0	14.0	23.0	10.0
2003	22.0	10.0	28.0	11.0	30.0	11.0	35.0	16.0	33.0	15.0	30.0	17.0	29.0	19.0	28.0	18.0	28.0	18.0	28.0	18.0	26.0	11.0	21.0	8.0
2004	21.0	8.0	27.0	8.0	31.0	12.0	30.0	12.0	33.0	16.0	30.0	16.0	30.0	17.0	31.0	18.0	28.0	17.0	29.0	16.0	26.0	10.0	23.0	10.0
2005	26.0	8.0	29.0	10.0	31.0	13.0	33.0	15.0	33.0	16.0	33.0	18.0	29.0	18.0	29.0	17.0	31.0	17.0	29.0	17.0	26.0	11.0	24.0	10.0
2006	24.0	9.0	30.0	13.0	33.0	20.0	33.0	18.0	39.0	16.0	30.0	17.0	30.0	18.0	30.0	18.0	30.0	18.0	30.0	17.0	28.0	13.0	23.0	9.0
2007	23.0	8.0	25.0	10.0	32.0	16.0	33.0	18.0	35.0	18.0	34.0	18.0	30.0	17.0	31.0	18.0	31.0	18.0	30.0	15.0	25.0	11.0	22.0	8.0
2008	22.0	7.0	23.0	7.0	26.0	7.0	32.0	15.0	35.0	18.0	36.0	20.0	32.0	17.0	30.0	16.0	30.0	17.0	30.0	18.0	28.0	11.0	22.0	10.0
2009	20.0	10.0	22.0	12.0	29.0	19.0	33.0	23.0	35.0	27.0	33.0	24.0	33.0	21.0	24.0	19.0	30.0	18.0	29.0	18.0	25.0	16.0	17.0	9.0
2010	24.0	12.0	26.0	18.0	32.0	22.0	33.0	23.0	34.0	22.0	33.0	17.0	33.0	18.0	36.0	19.0	30.0	17.0	32.0	17.0	29.0	13.0	22.0	14.0
2011	18.0	7.0	26.0	11.0	33.0	16.0	36.0	19.0	35.0	19.0	30.0	18.0	34.0	18.0	29.0	19.0	31.0	17.0	29.0	18.0	26.0	16.0	19.0	11.0
Average	23.0	7.7	26.6	10.2	31.3	13.6	33.4	15.6	33.5	16.7	32.1	17.6	30.6	17.3	29.7	17.8	30.0	17.2	29.2	16.3	27.0	12.0	23.3	8.4
Avg Mean	15.4		18.4		22.5		24.3		25.1		24.9		24.0		23.9		23.6		22.8		19.5		15.9	

Table 14: Average Mean, Average Max and Average Min Temperature of Lawngtlai District (1986 – 2011)

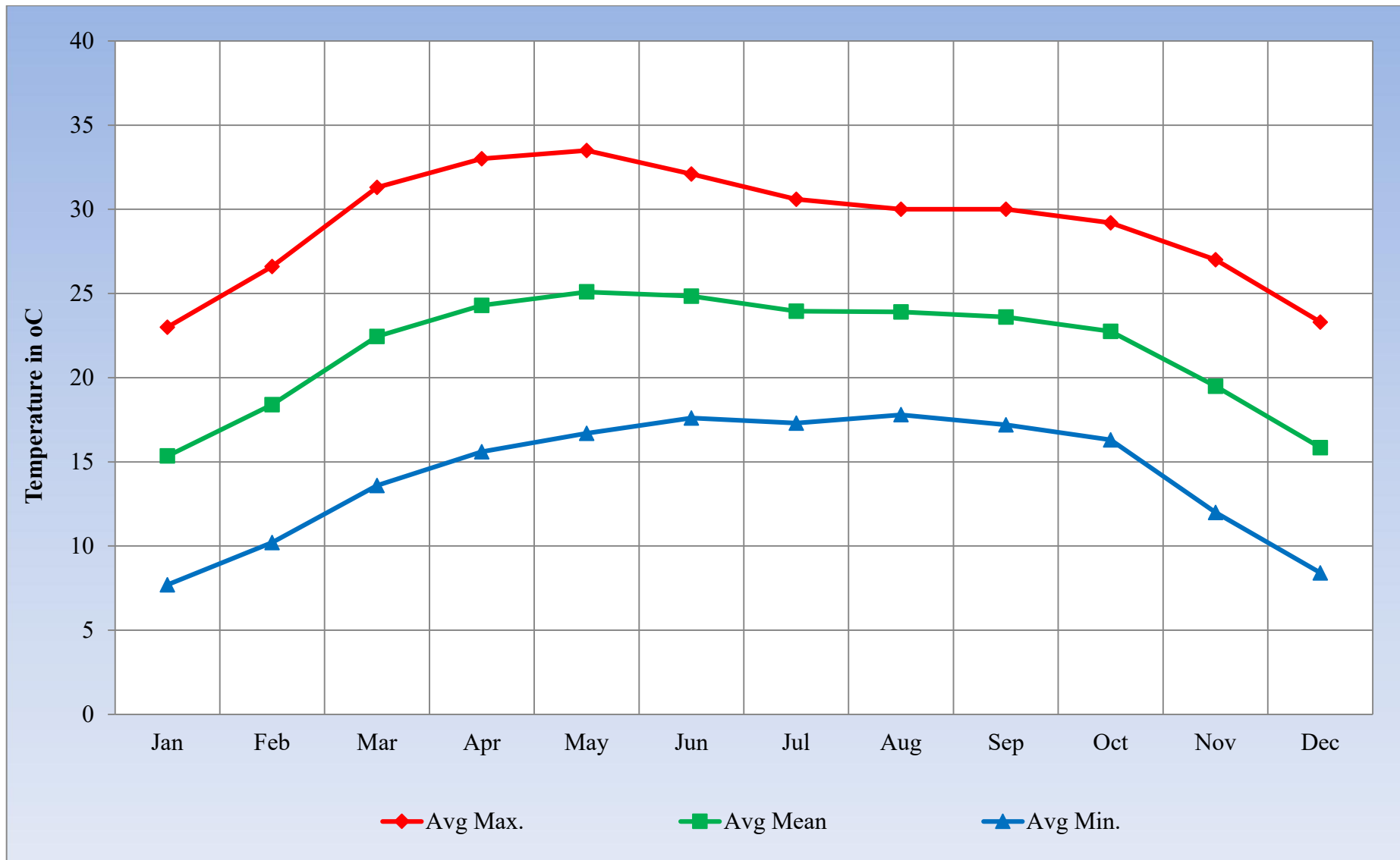


Figure 19: Average Mean, Average Max and Average Min Temperature of Lawngtlai District (1986 – 2011)

LUNGLEI DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	0	0	7.5	182.5	106.5	461.5	330	478	438.5	249.5	0	0	2254.0
1987	0	0	54.7	145.3	182	421	441	467	472	237	55	0	2475.0
1988	0	21.3	59	117.3	363.3	446.3	467	381.6	336	464.3	35.7	0	2691.8
1989	0	14	20	63	267	287	478	440.7	430.7	431	0	0	2431.4
1990	0	20.9	195	256.4	286.8	354.5	448.9	406.8	409.6	102.4	35.4	61.4	2578.1
1991	32.1	4.6	44.4	207.3	391.1	491.1	415.5	290	327.6	275.8	25	22.4	2526.9
1992	1.6	41.8	21	35.6	130.2	432.1	489.4	415	327.4	250.3	30.3	2.4	2177.1
1993	10	146.9	81.8	119.7	438.8	451	507.5	385.9	315.9	229.5	14.7	0	2701.7
1994	0	0	194	131.7	121.7	110.3	269	330.3	143.3	97.3	13.7	0	1411.3
1995	0.7	3.3	11.3	19	245.7	178.3	319	587.3	295	167.7	242.7	0	2070.0
1996	0	25.3	155.3	156	349.7	407.7	455.7	483.3	296.1	294.3	12	0	2635.4
1997	6.7	9.3	199	106.7	309	589.7	1088.3	402.7	451	65.7	17.3	39.3	3284.7
1998	16	43	130	166.3	652.3	382.6	636.3	510.3	393	178.7	6.3	0	3114.8
1999	0	0	27.6	13.6	321	623	552.2	335.2	386.2	214.2	6.6	27.2	2506.8
2000	6.8	3	109.6	207	660	509.4	360.8	793.8	349.2	184.6	71.2	0	3255.4
2001	0	5.4	7.6	51.4	428.8	517.6	379	344.4	261.8	245.8	101.6	0	2343.4
2002	15	0	77.2	66	447	341	695.4	352.4	286	69.8	86.8	0	2436.6
2003	0	0.3	46	68.8	195.8	878.5	334.3	330.3	306.3	155.5	0	15.5	2331.3
2004	0	0	11.8	230	194	884.5	641.3	367.8	377.5	130.8	12.5	0	2850.2
2005	0.5	0	62.3	67	167.7	147.2	311.1	447.6	372.6	264.5	10.3	13	1863.8
2006	0	0	0.7	27.9	432.6	582.9	512.8	360.4	301.5	146.3	0	0	2365.1
2007	0	53.9	7.2	189.6	344.1	359.2	559	579.8	766.9	182.4	92	0	3134.1
2008	75.3	14.6	17.1	13.0	193.0	209.4	399.5	445.0	253.3	86.7	0.0	0.0	1706.9
2009	0.0	0.0	24.0	0.7	132.4	214.6	288.8	638.7	416.0	174.4	116.0	0.0	2005.6
2010	0	0.3	81.9	80.5	272	509.7	438.5	563.25	486.2	338	12	80	2862.4
2011	10.9	0	56.3	73.9	396.8	405.3	331.4	511.4	376.2	159.9	0	0	2322.1
2012	0	16.8	25.3	274	245	618	276	520.1	403	270	65.8	0	2714.0
2013	0	1.6	0.4	88.3	482.5	405.6	377.4	484.8	533.1	209.9	0	0	2583.6
2014	0	36.3	16.7	20.2	290.4	323.6	245	370.3	432.3	131.3	10.4	5.3	1881.8
2015	15.2	0.8	26.7	189.6	73.1	326.0	530.7	490.9	417.6	206.7	9.8	0	2287.1
Average	7.1	15.4	59.0	112.3	304.0	429.0	452.6	450.5	378.7	207.1	37.3	9.5	2462.7

Table 15: Average Monthly Rainfall (in mm) of Lunglei District (1986 – 2015)

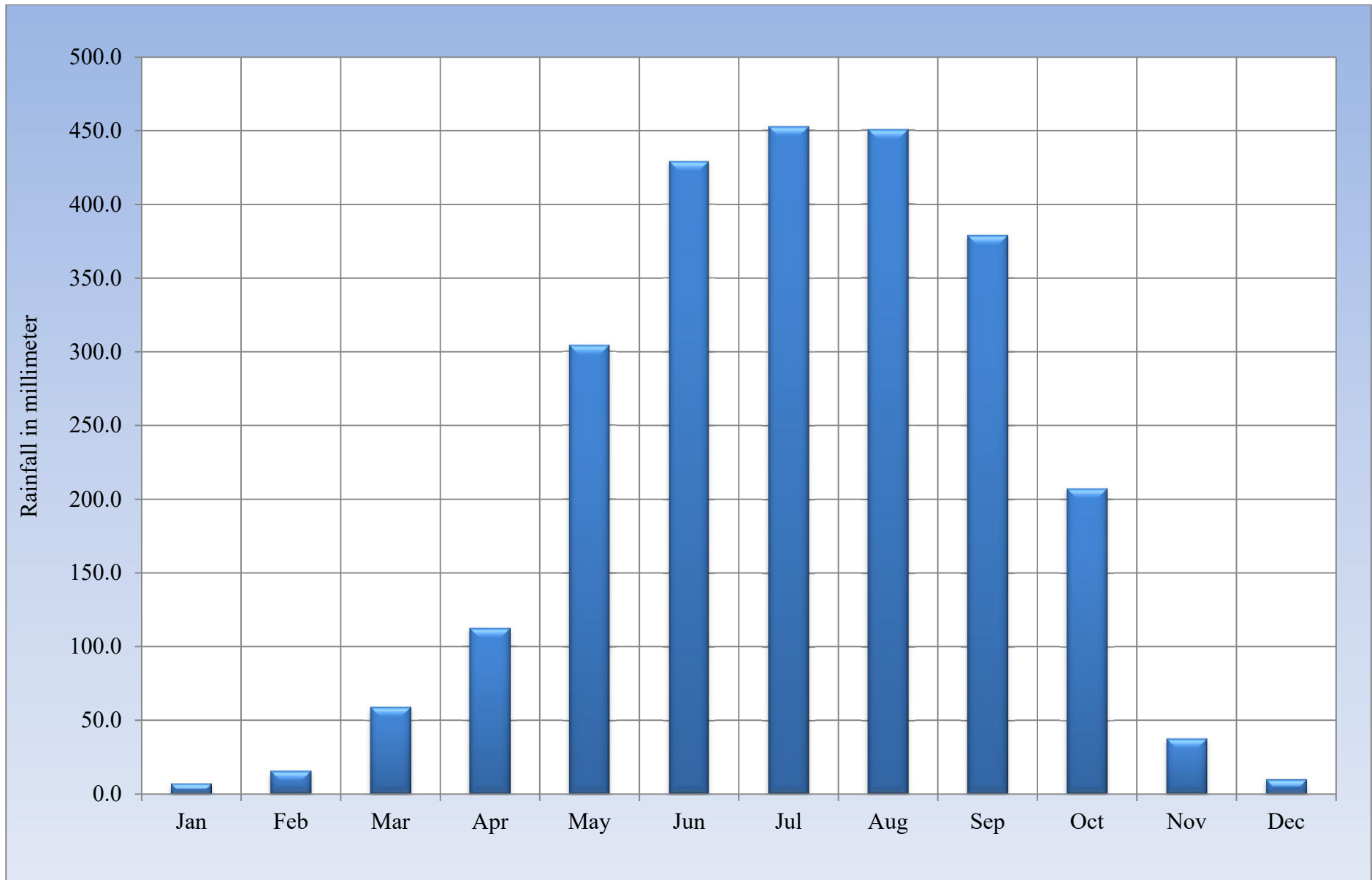


Figure 20: Average Monthly Rainfall (in mm) of Lunglei District (1986 – 2015)

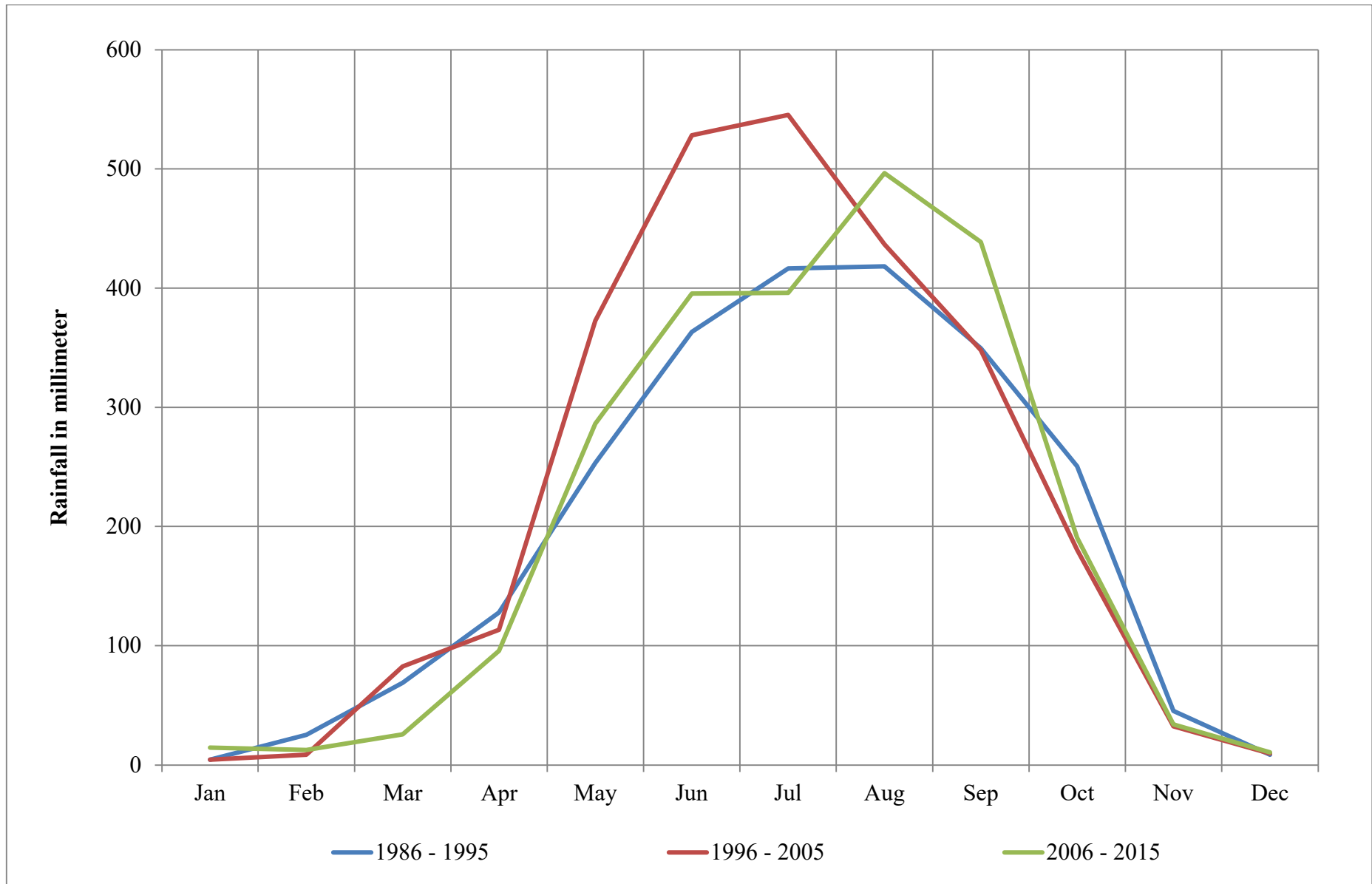


Figure 21: Decadal changes Rainfall (mm) of Lunglei District (1986 – 2015)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1996	26	10	32	13	35	15	36	16	37	18	35	20	33	20	33	19	35	19	34	18	30	15	28	11
1997	25	9	30	11	34	16	35	14	38	19	34	19	32	18	33	18	32	20	31	18	31	14	29	10
1998	27	10	29	13	33	14	36	17	39	19	35	21	33	19	33	20	34	20	35	20	32	17	28	13
1999	28	11	35	13	35	18	39	19	38	18	33	20	32	21	33	20	32	17	34	20	30	14	28	8
2000	27	8	29	8	33	12	34	15	36	15	35	14	32	18	37	19	34	19	34	19	32	17	28	11
2001	28	9	32	12	36	19	38	20	36	18	34	19	33	19	32	18	35	18	33	19	29	14	28	12
2002	27	11	32	11	35	18	36	14	35	17	34	20	34	20	33	21	33	21	33	18	30	14	26	11
2003	26	11	30	14	33	13	36	20	37	20	36	19	34	22	33	21	32	21	33	20	31	14	28	12
2004	25	11	30	10	35	15	35	16	35	17	36	17	33	18	33	18	35	18	34	17	31	14	28	12
2005	27	9	28	10	32	10	36	14	35	16	37	18	33	18	33	18	34	18	31	17	29	15	25	10
2006	25	12	30	13	34	20	35	20	35	20	34	20	32	20	32	20	31	19	33	19	33	14	25	10
2007	25	8	25	13	30	15	34	17	48	12	46	19	43	19	45	19	43	19	43	17	42	16	35	15
2008	35	12	29	10	33	14	33	12	33	17	33	17	32	17	30	18	33	17	31	19	30	17	30	17
2009	29	16	30	19	31	18	31	19	30	21	29	25	26	23	26	23	26	20	27	20	24	18	19	15
2010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011	29.0	9	31	12	36	12	36	21	36	24	35	24	37	25	36	25	36	25	35	20	30	16	31	10
Average	27.2	10.4	30.1	12.1	33.7	15.3	35.3	16.9	36.5	18.1	35.1	19.5	33.3	19.8	33.5	19.8	33.7	19.4	33.4	18.7	30.9	15.3	27.7	11.8
Avg Mean	18.8		21.1		24.5		26.1		27.3		27.3		26.5		26.6		26.5		26.1		23.1		19.8	

Table 16: Average Mean, Maximum and Minimum Temperature of Lunglei District (1996 - 2011)

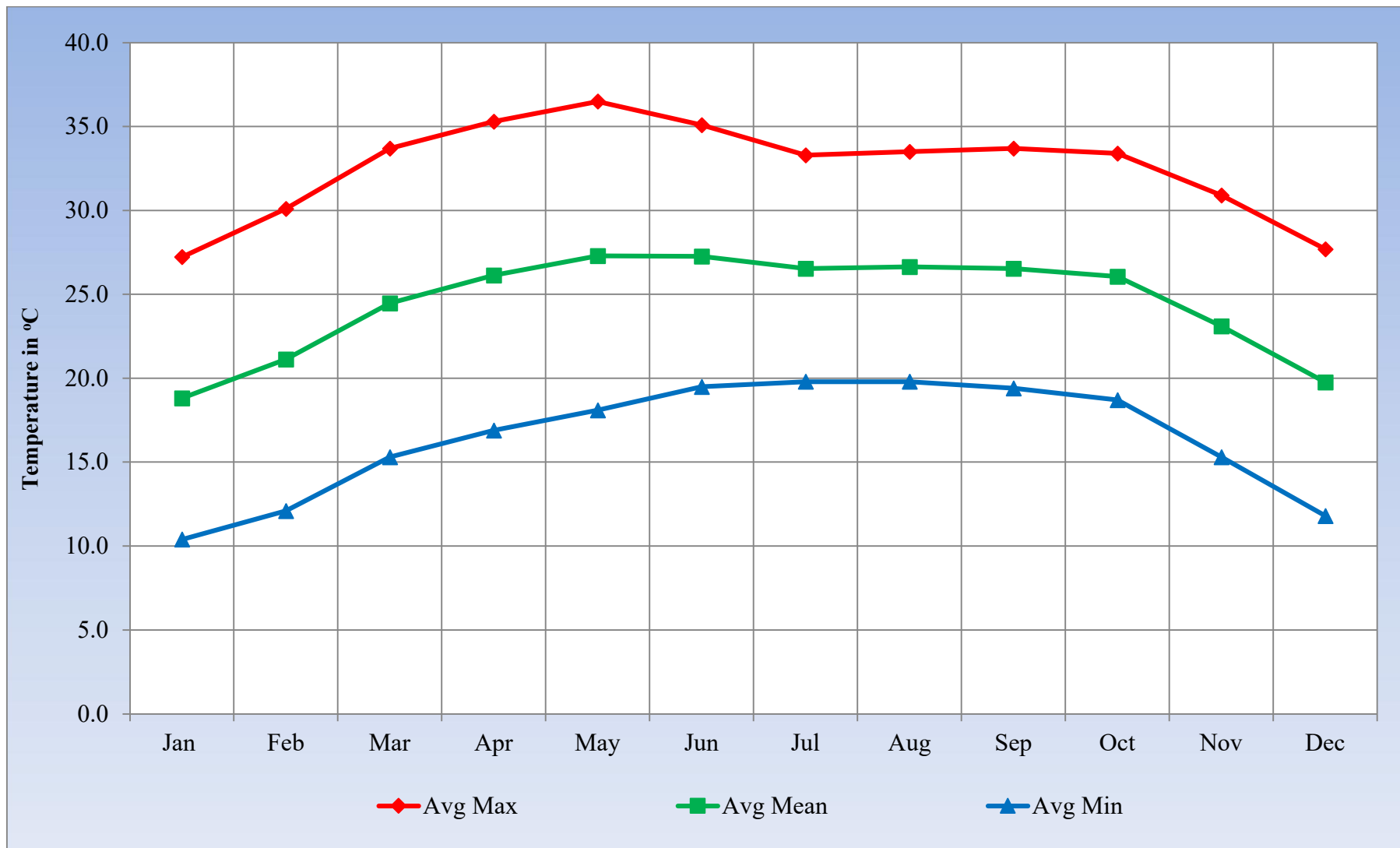


Figure 22: Average Mean, Maximum and Minimum Temperature for Lunglei District (1996 - 2011)

MAMIT DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1999	0	0	63	47.7	413.7	253.3	335	447.3	346.3	219.3	9.7	2.3	2137.6
2000	23	35.8	166.3	261.3	596.8	349.5	189.8	553.5	360.3	277.8	6.5	0	2820.6
2001	0	84.3	88.8	123.8	461.5	547	368.8	251.3	185.8	263.3	39.8	0	2414.4
2002	7.3	1.3	88.5	198.3	701	318	411.8	509	167.8	158	51.3	1	2613.3
2003	1	13.8	119.5	214	329.3	589.5	298	380.5	471	136	0	75	2627.6
2004	0	0	11.3	460.3	377.8	528.5	631	425	353.5	125.8	0	0	2913.2
2005	1.5	12.5	245.7	221.8	339.6	144.3	412.1	191.3	310	76.8	13.1	0	1968.7
2006	0	12.5	NA	267.8	338.9	579.2	739.2	588.7	203.1	33.3	0	0	2762.7
2007	30	11.9	38	396.3	391.3	552.5	303	408	701.9	246.2	80.4	0	3159.5
2008	42.9	13.6	111	258.1	291.7	534.1	364	463	555	368.4	0	0	3001.8
2009	3.5	0	46	212.6	300.2	430.8	281.3	586.4	164.8	226.4	47	0	2299
2010	0	14.57	138.2	269.8	489.9	444.9	301	523.8	370.4	203.1	5.7	20	2781.33
2011	0.7	3.3	70.5	165.2	453.1	471.6	301	436.2	265.1	176.6	0	0	2343.3
2012	38.9	15.8	24.4	406	210	521	134	403.9	312	160	29.7	0	2255.7
2013	0	0	9.5	95.8	656.1	324.8	312.5	574.1	422.3	114.2	0	0	2509.3
2014	0	4.8	22.2	54.5	431.6	249.1	433.3	197.6	359.1	64.9	0	0	1817.1
2015	6.0	20.1	24.5	398.7	346.5	219.3	327.2	361.7	270.1	154.3	Nil	Nil	2128.4
Average	9.1	14.4	79.2	238.4	419.4	415.1	361.4	429.5	342.3	176.7	17.7	6.1	2509.21

Table 17: Average Monthly Rainfall (mm) of Mamit District (1999 – 2015)

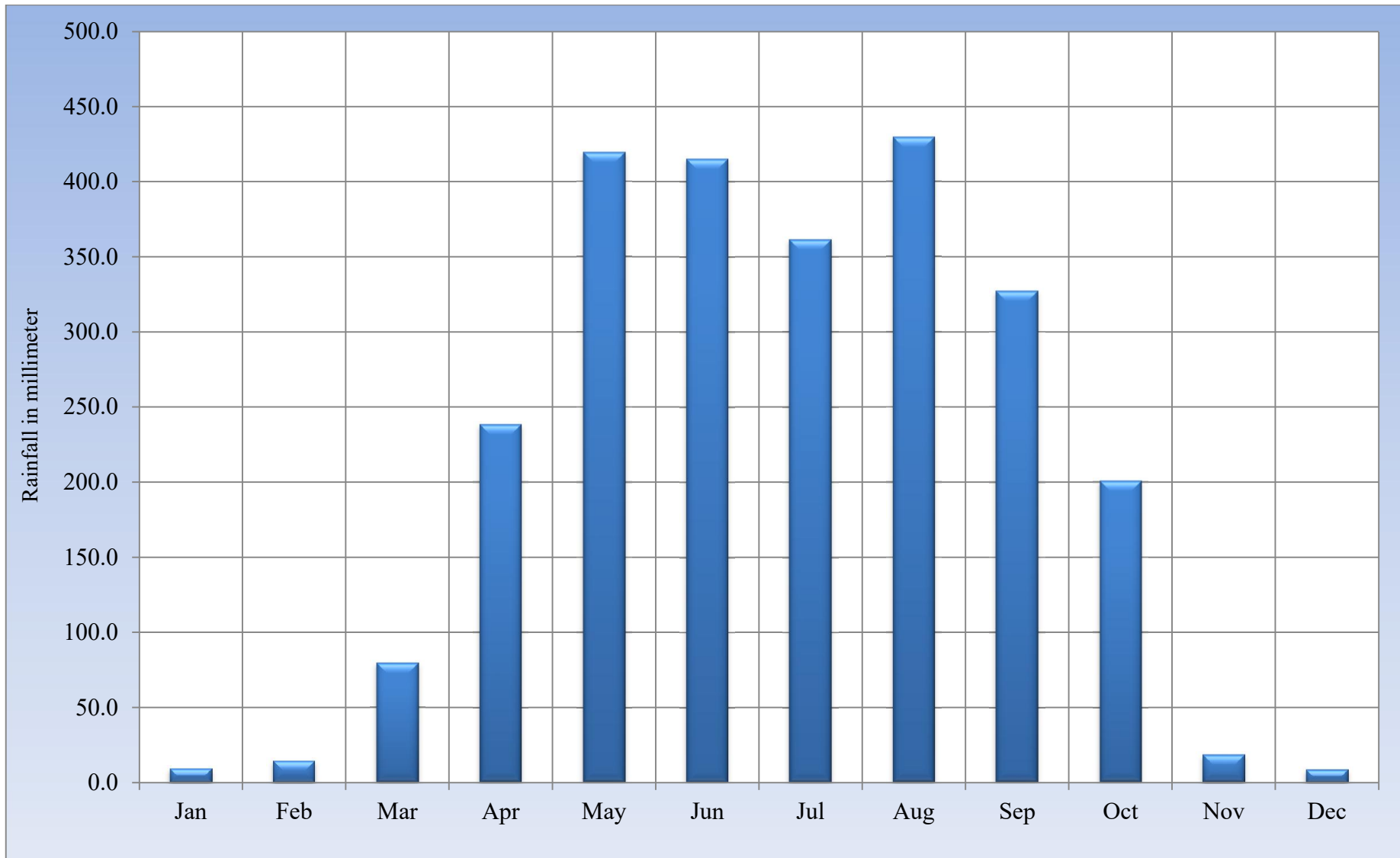


Figure 23: Average Monthly Rainfall (mm) of Mamit District (1999 – 2015)

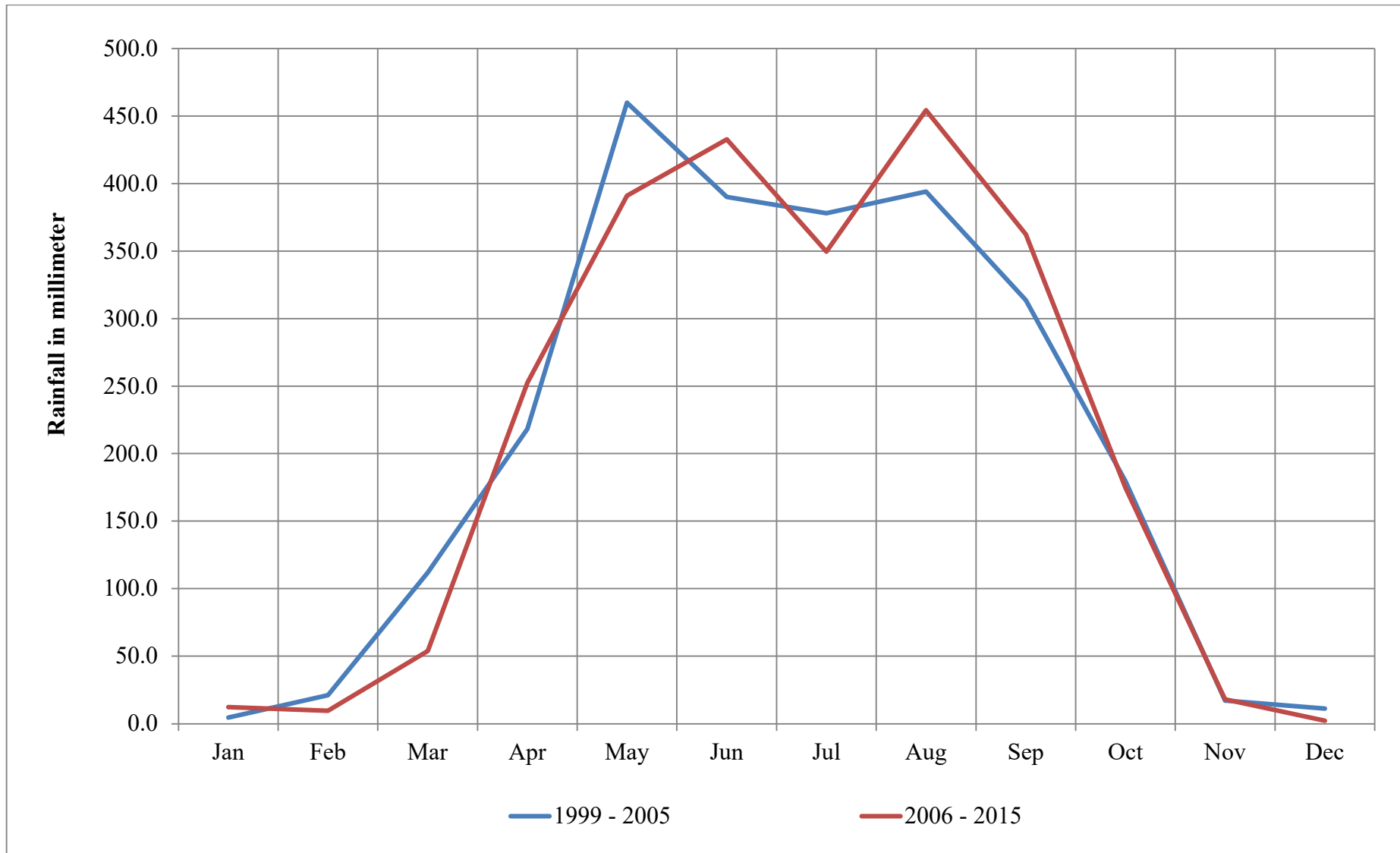


Figure 24: Decadal changes Rainfall (mm) of Mamit District (1999 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	58.3	51.1	52.3	77.1	85.5	95.7	97.0	92.4	NA	NA	NA	73.0
Avg Humidity %	58.3	51.1	52.3	77.1	85.5	95.7	97.0	92.4	NA	NA	NA	73.0

Table 18: Averaged Monthly Relative Humidity (%) of Mamit District (2010)

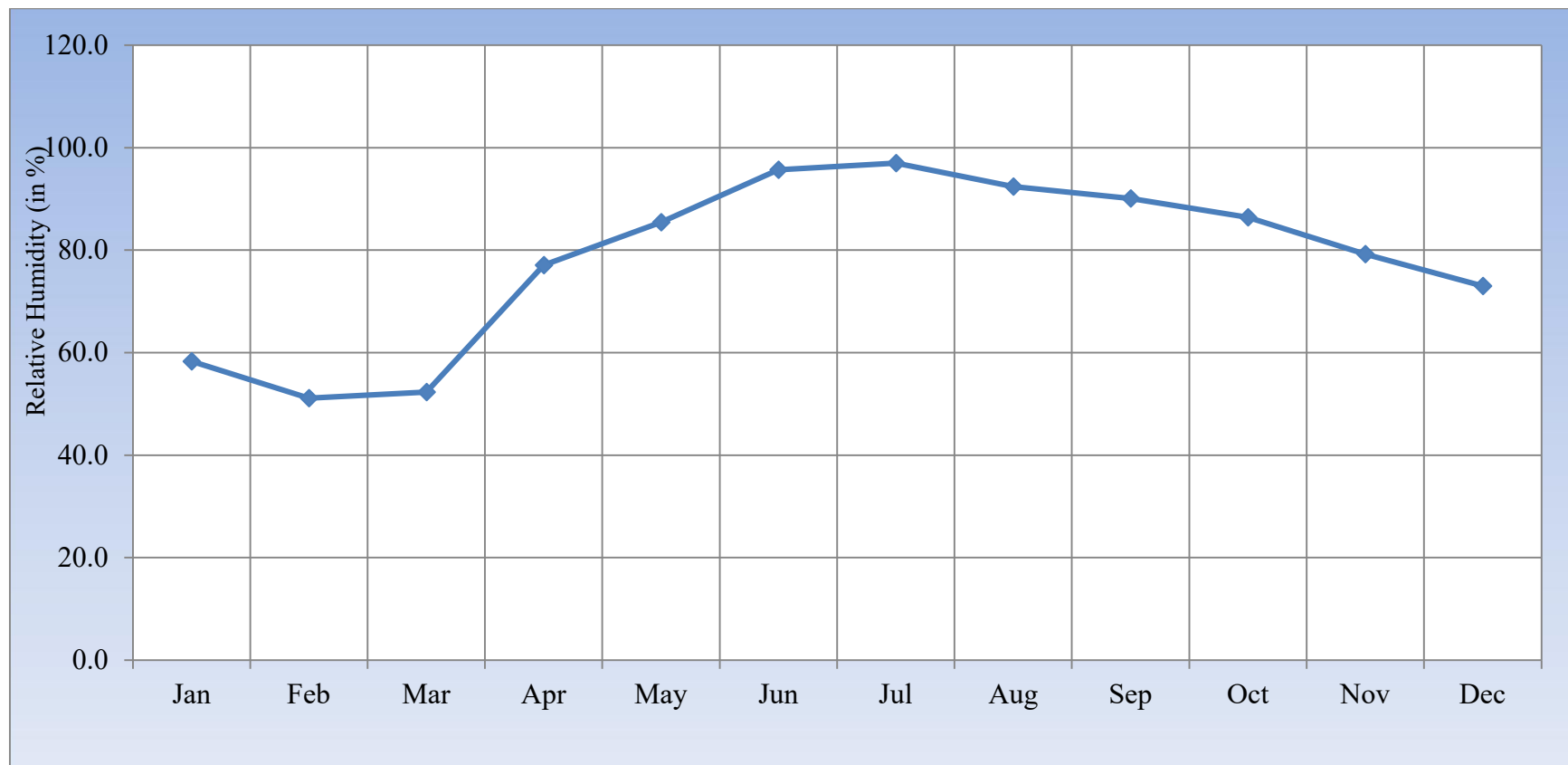


Figure 25: Averaged Monthly Relative Humidity (%) of Mamit District (2010)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
2010	26	11	26.0	12	32	15	33	16	31	18	30.3	17.8	29	20.6	40.0	21	NA	NA	NA	NA	NA	NA	NA	NA
Avg. Mean	18.7		19.1		23.7		24.4		24.2		24.0		25.0		30.4		NA		NA		NA		NA	

Table 19: Monthly Mean, Maximum and Minimum Temperature of Mamit District (2010)

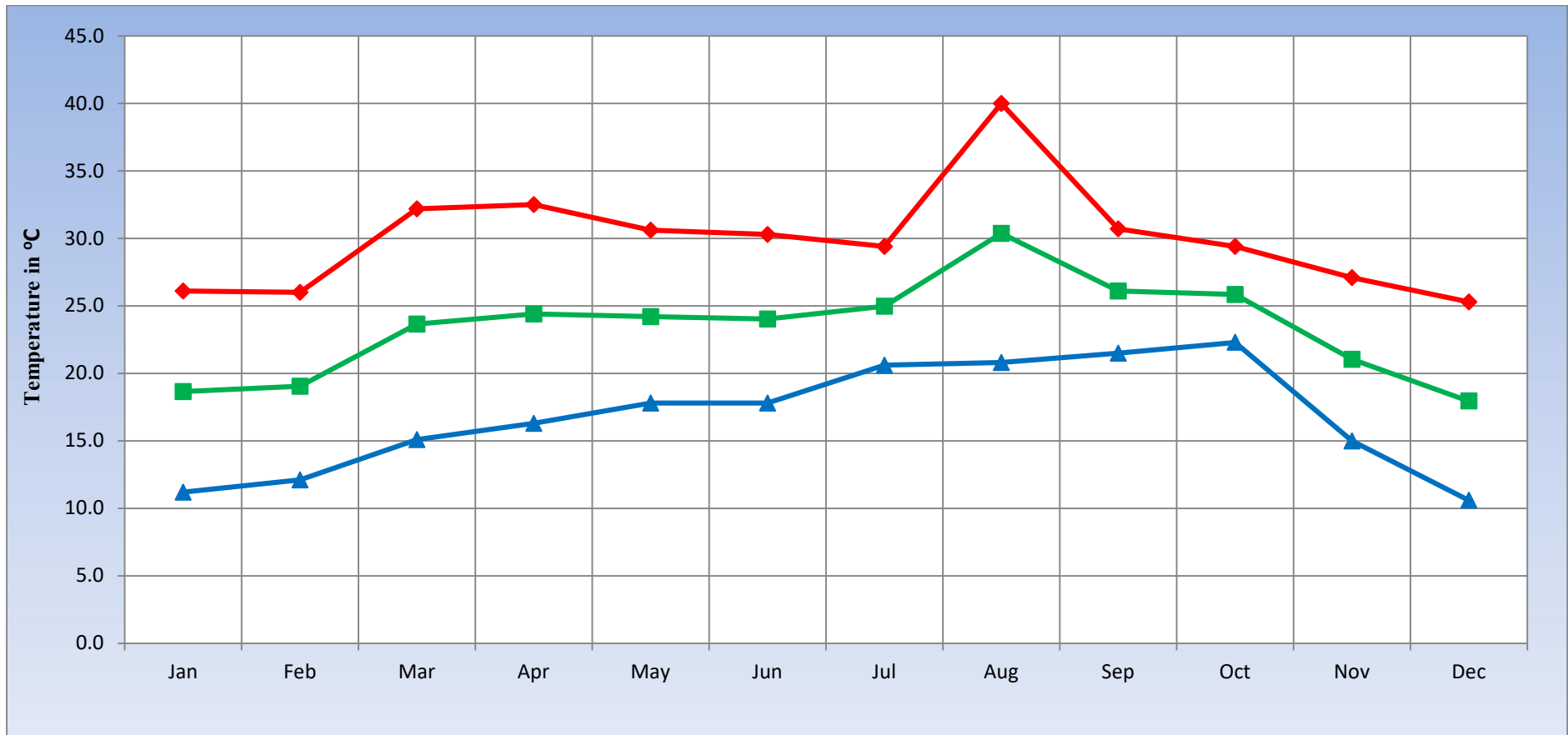


Figure 26: Monthly Mean, Maximum and Minimum Temperature of Mamit District (2010)

SERCHHIP DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	8.0	0.0	10.0	260.0	115.0	360.0	495.0	495.0	300.0	158.0	173.0	274.0	2648.0
1987	18.0	57.0	65.0	172.0	167.0	423.0	497.0	472.0	352.0	189.0	109.0	15.0	2536.0
1988	0.0	23.0	80.0	99.0	402.0	480.0	490.0	460.0	350.0	341.0	68.0	3.0	2796.0
1989	0.0	22.0	29.0	82.0	184.0	458.0	500.0	460.0	409.0	397.0	19.0	0.0	2560.0
1990	0.0	47.0	260.0	273.0	302.0	350.0	282.0	540.0	442.0	157.0	108.0	81.0	2842.0
1991	17.0	21.0	69.0	277.0	650.0	550.0	329.0	302.0	347.0	232.0	91.0	15.0	2900.0
1992	0.0	71.0	8.0	29.0	283.0	562.0	521.0	406.0	409.0	341.0	78.0	3.0	2711.0
1993	30.0	163.0	94.0	89.0	436.0	512.0	588.0	410.0	433.0	229.0	4.0	0.0	2988.0
1994	0.0	4.0	235.0	188.0	91.0	298.0	337.0	349.0	257.0	57.0	51.0	0.0	1867.0
1995	11.0	11.0	50.0	38.0	439.0	445.0	428.0	547.0	165.0	158.0	247.0	0.0	2539.0
1996	0.0	14.0	238.0	119.0	434.0	232.0	507.0	389.0	517.0	217.0	43.0	30.0	2740.0
1997	2.0	4.0	256.0	43.0	204.0	407.0	703.0	272.0	485.0	154.0	58.0	58.0	2646.0
1998	41.0	55.0	143.0	100.0	518.0	273.0	469.0	380.0	202.0	67.0	14.0	0.0	2262.0
1999	0.0	0.0	100.0	47.0	428.0	407.0	486.0	343.0	302.0	177.0	28.0	32.0	2350.0
2000	16.0	19.0	158.0	216.0	465.0	273.0	201.0	733.0	429.0	242.0	110.0	0.0	2862.0
2001	0.0	29.0	27.0	76.0	305.0	537.0	252.0	413.0	189.0	284.0	141.0	0.0	2253.0
2002	22.0	0.0	71.0	99.0	837.0	280.0	555.0	311.0	193.0	51.0	87.0	0.0	2506.0
2003	0.0	4.0	80.5	152.0	279.0	976.0	226.0	252.5	379.5	187.0	0.0	24.5	2561.0
2004	0.0	0.0	9.0	293.5	203.0	534.5	665.0	280.5	407.0	110.0	0.0	0.0	2502.5
2005	0.0	0.0	93.5	77.0	236.6	150.5	165.3	257.7	220.1	161.9	0.0	3.1	1365.7
2006	0.0	0.0	0.0	46.2	369.3	526.0	228.1	206.6	164.0	117.5	0.0	2.0	1659.7
2007	0.0	30.5	11.0	99.5	396.0	593.0	546.1	395.0	536.5	264.1	119.3	0.0	2991.0
2008	0.0	3.5	22.5	12.5	268.5	293.5	414.0	444.0	362.4	147.0	21.5	0.0	1989.4
2009	0.0	0.0	22.7	33.2	73.5	258.4	292.2	420.4	120.4	132.2	34.2	0.0	1387.2
2010	0.0	0.0	77.2	100.6	365.9	445.0	337.4	429.0	443.0	227.0	6.0	63.0	2494.1
2011	0.3	0.0	71.8	83.4	340.0	393.3	187.4	384.6	351.0	41.4	0.0	0.0	1853.2
2012	Nil	8	3.6	117	98	666	384	301.6	209	227	148	Nil	2162.2
2013	Nil	Nil	Nil	27.5	353	253	272.1	406.2	268.2	108.1	Nil	Nil	1688.1
2014	Nil	19.75	17.5	18.1	225.8	342.2	207	247.4	265.4	88.5	13.6	0	1445.2
2015	0.3	1.8	17.3	322.5	76.6	189.6	431.8	352.4	275.3	117.5	7.0	Nil	1791.8
Average	6.1	20.9	80.0	119.7	318.2	415.6	399.9	388.7	326.1	179.3	61.3	22.4	2329.9

Table 20: Average Monthly Rainfall (mm) of Serchhip District (1986 – 2015)

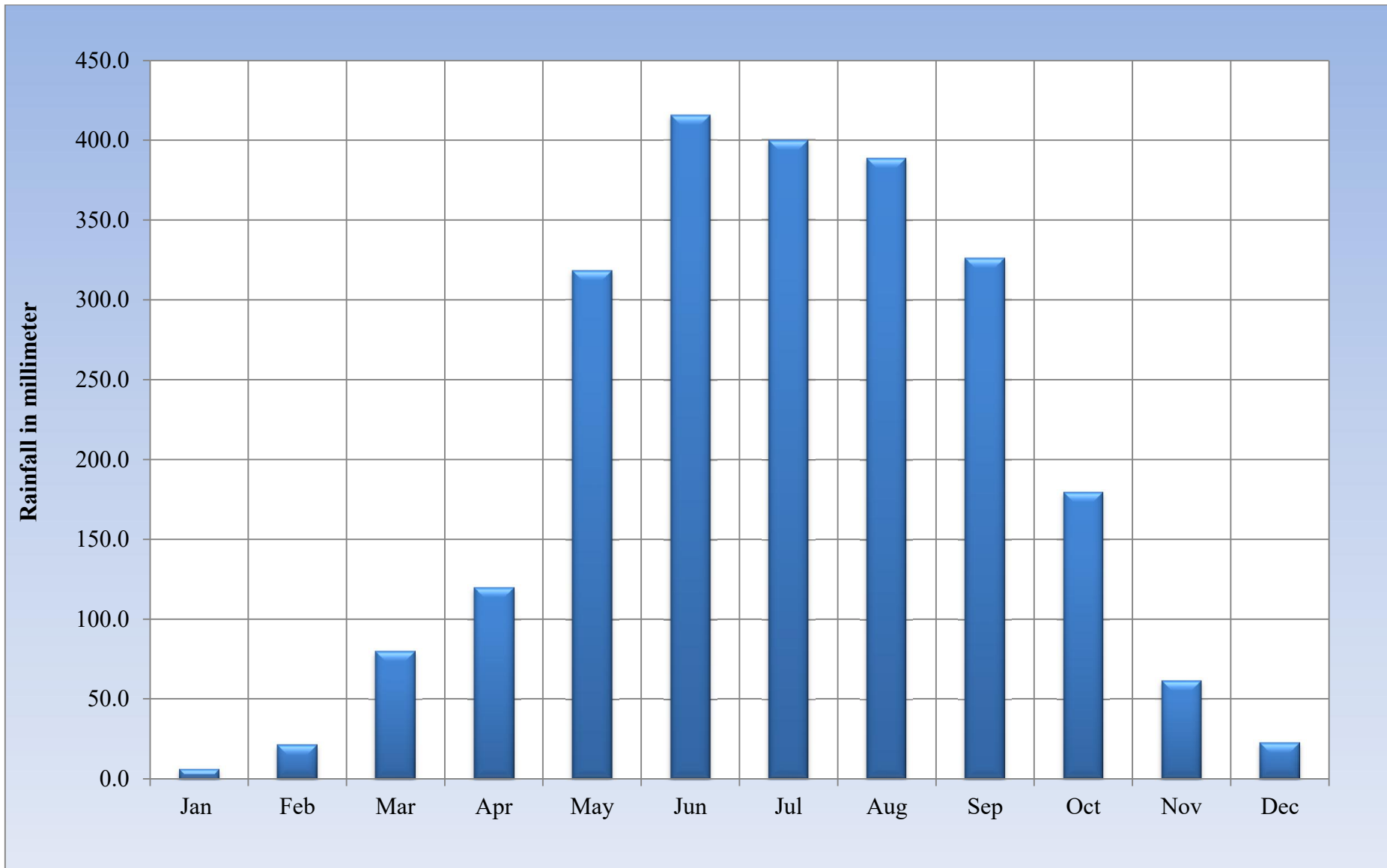


Figure 27: Average Monthly Rainfall (mm) of Serchhip District (1986 – 2015)

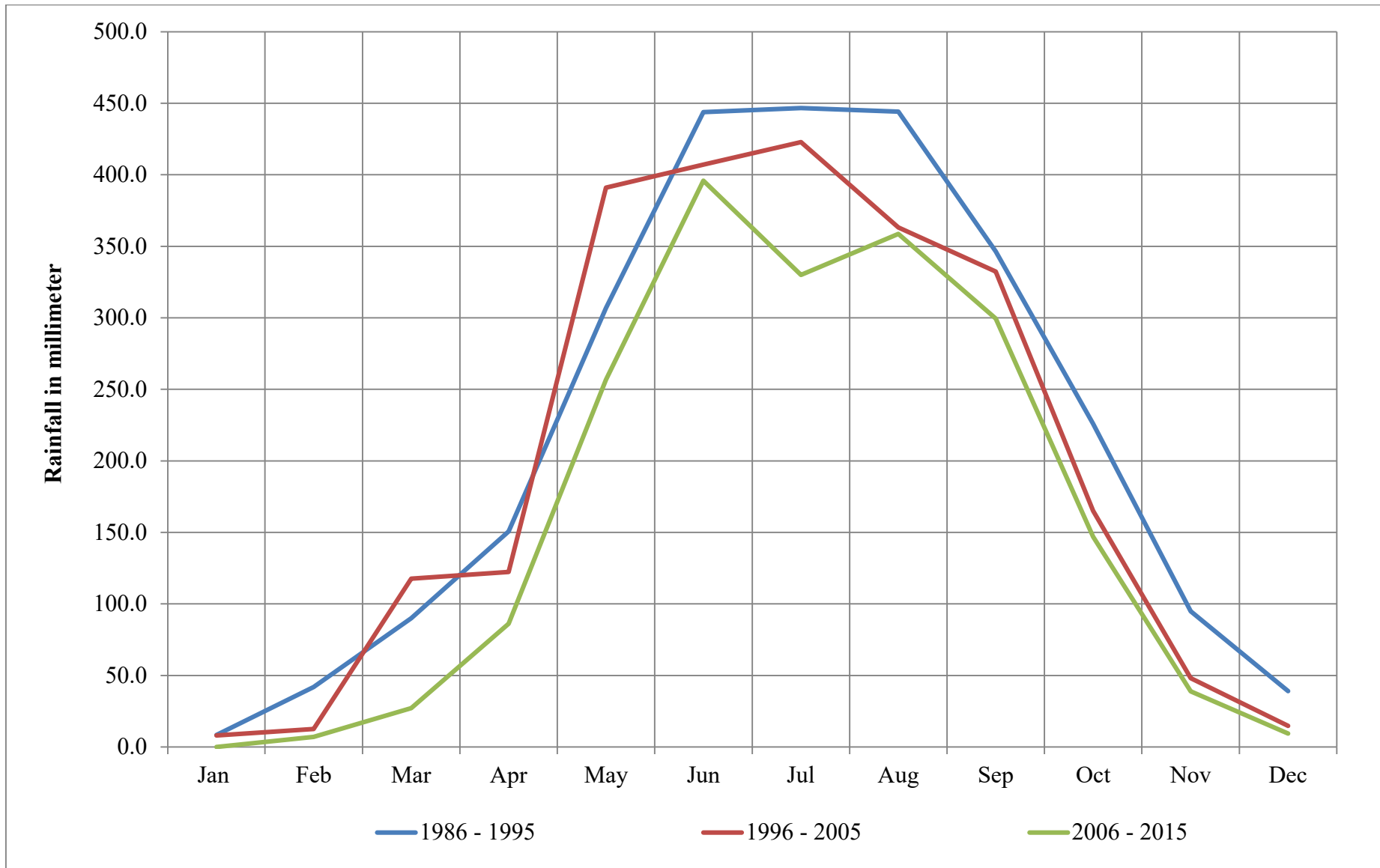


Figure 28: Decadal changes Rainfall (mm) of Serchhip District (1986 – 2015)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
2011	29	9	31	12	36	12	36	21	36	23	35.0	24.0	34	25.0	36.0	25	36.0	25	35	20	32	16	31	10
Avg. Mean	19.5		22.8		27.0		28.2		29.7		29.5		29.3		28.6		28.9		28.9		24.6		20.2	

Table 21: Averaged Mean, Maximum and Minimum Temperature (in degree Celsius) of Serchhip District (2011)

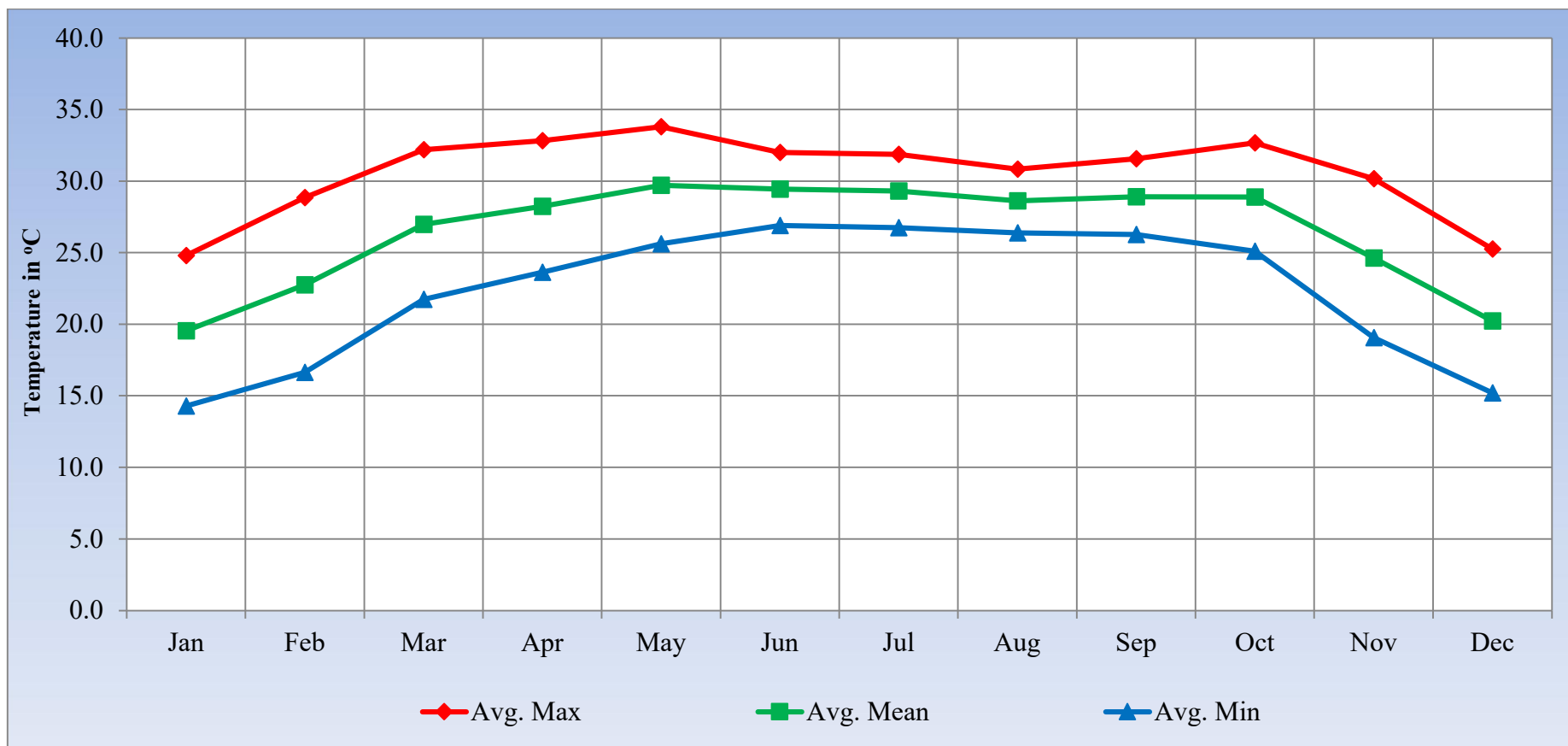


Figure 29: Averaged Mean, Maximum and Minimum Temperature (in degree Celsius) of Serchhip District (2011)

SIAHA DISTRICT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1986	24	0	0	112	184	354	474	412	359	354	88	0	2361.0
1987	17	43	34	149	49	485	494	418	424	233	121	12	2479.0
1988	0	11	35	77	281	496	457	430	438	225	45	0	2495.0
1989	0	19	19	83	206	273	500	480	455	298	0	0	2333.0
1990	0	23	82	211	269	319	354	354	493	62	240	80	2487.0
1991	0	0	58	239	688	383	267	379	574	344	12	8	2952.0
1992	11	115	3	34	131	438	435	529	149	186	50	0	2081.0
1993	8.5	120.5	115	28.5	466.5	444.5	417.5	434.5	377.5	199	21.5	0	2633.5
1994	0	36	202	173.5	180.5	357.5	400	335.5	180	91.5	37	0	1993.5
1995	1	4	12.5	33.5	404	387.5	395.5	523	325	214.5	179.5	0	2480.0
1996	0	15	108	98.5	332	281.5	254	259	337.5	226	55	0	1966.5
1997	2	3	105.5	72.5	155	407.5	708	244.5	336	83.5	24	48	2189.5
1998	38.5	26	68	220.5	603.5	370.5	621	361.5	398.5	256.5	28	0	2992.5
1999	0	0	1	45	444	699	520	463	388	320	108	116	3104.0
2000	10.5	11.5	41.5	328.5	804.5	517.5	384	650.5	473.5	341.5	80	0	3643.5
2001	0	0	0	62	440	726.5	346	464	540	314.5	70.5	7	2970.5
2002	27	0	41.5	45.5	691	592	1032	393	232	182.5	86.5	11	3334.0
2003	0	0	21.5	54	346	822	351	338.5	391.5	452.5	NA	12	2789.0
2004	0	0	25	148	473	692	659	264	472	112	8	0	2853.0
2005	0	0	117.0	122.5	206.5	243.5	389	508	312.3	249	85.5	23	2256.3
2006	0	0	0.0	12.5	349	719	348.5	215.5	128	102.5	12.5	0	1887.5
2007	0	0	0.0	182	347	735	630	734.3	501	189	412	0	3730.3
2008	174	246	25.0	32	422.5	355.7	488	353	344	92	59	0	2591.2
2009	0	0	17.0	79	152	528	81	445	247	117	86	0	1752.0
2010	0	0	152.0	44	339	302	385	676.6	540	346	0	25	2809.6
2011	14	0	7.0	150.4	699.4	293	272.5	665.4	356	256.4	0	0	2714.1
2012	0	0	16.0	20	339	199	149	477	156	220	19.9	0	1595.9
2013	0	3.1	0.0	49.8	395.4	377.7	350.8	795.8	1219.9	379.4	0	0	3571.9
2014	0	54	0.0	28.9	276.5	381	208.1	216.2	450.8	262.1	0	0	1877.6
2015	23.3	Nil	21.4	179.8	33.0	307.8	628	455.3	357.8	212.1	12.3	Nil	2230.8
Average	11.7	25.2	44.3	103.9	356.9	449.6	433.3	442.5	398.5	230.7	66.9	11.8	2575.3

Table 22: Average Monthly Rainfall (mm) of Siaha District (1986 – 2015)

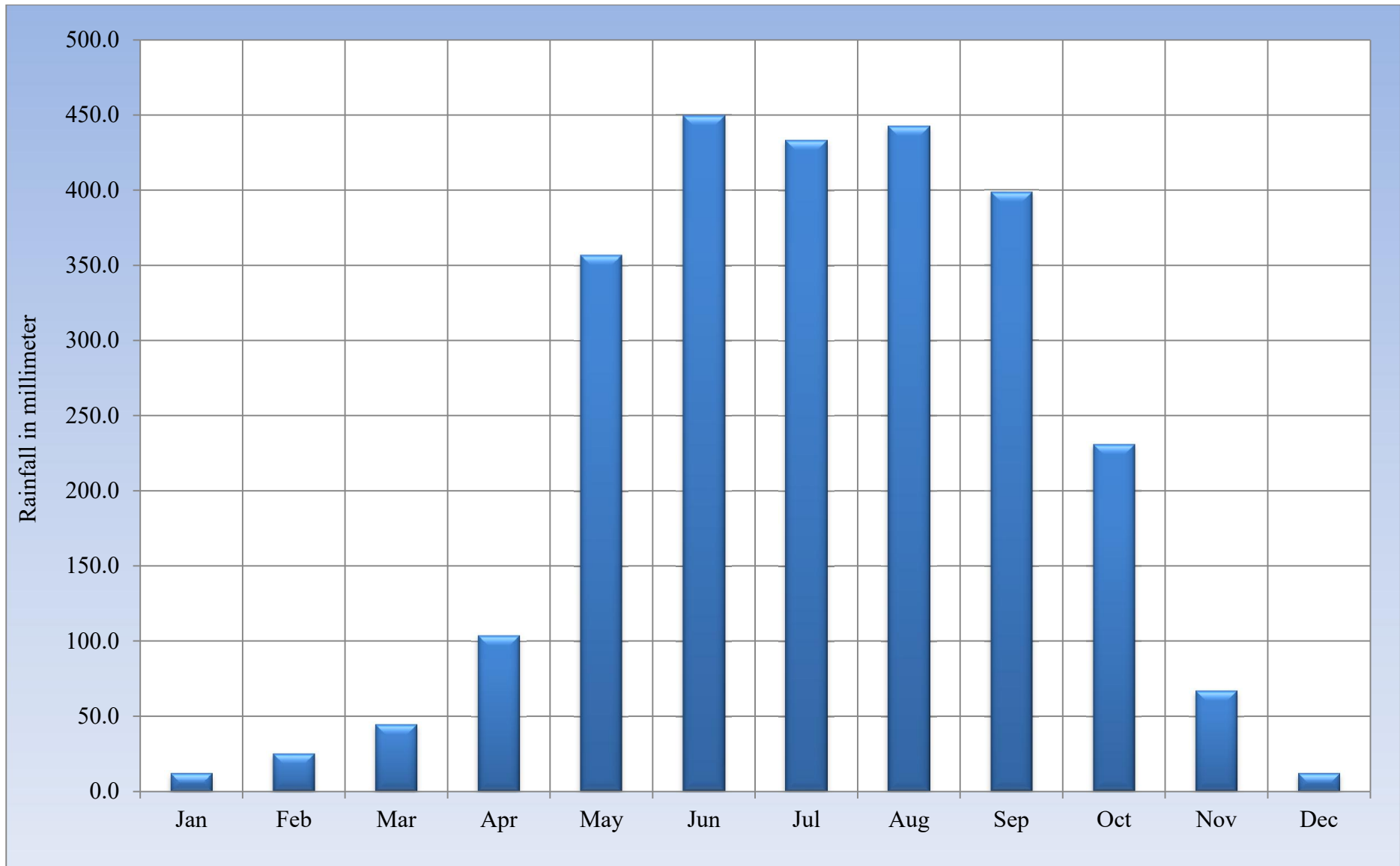


Figure 30: Average Monthly Rainfall (mm) of Siaha District (1986 – 2015)

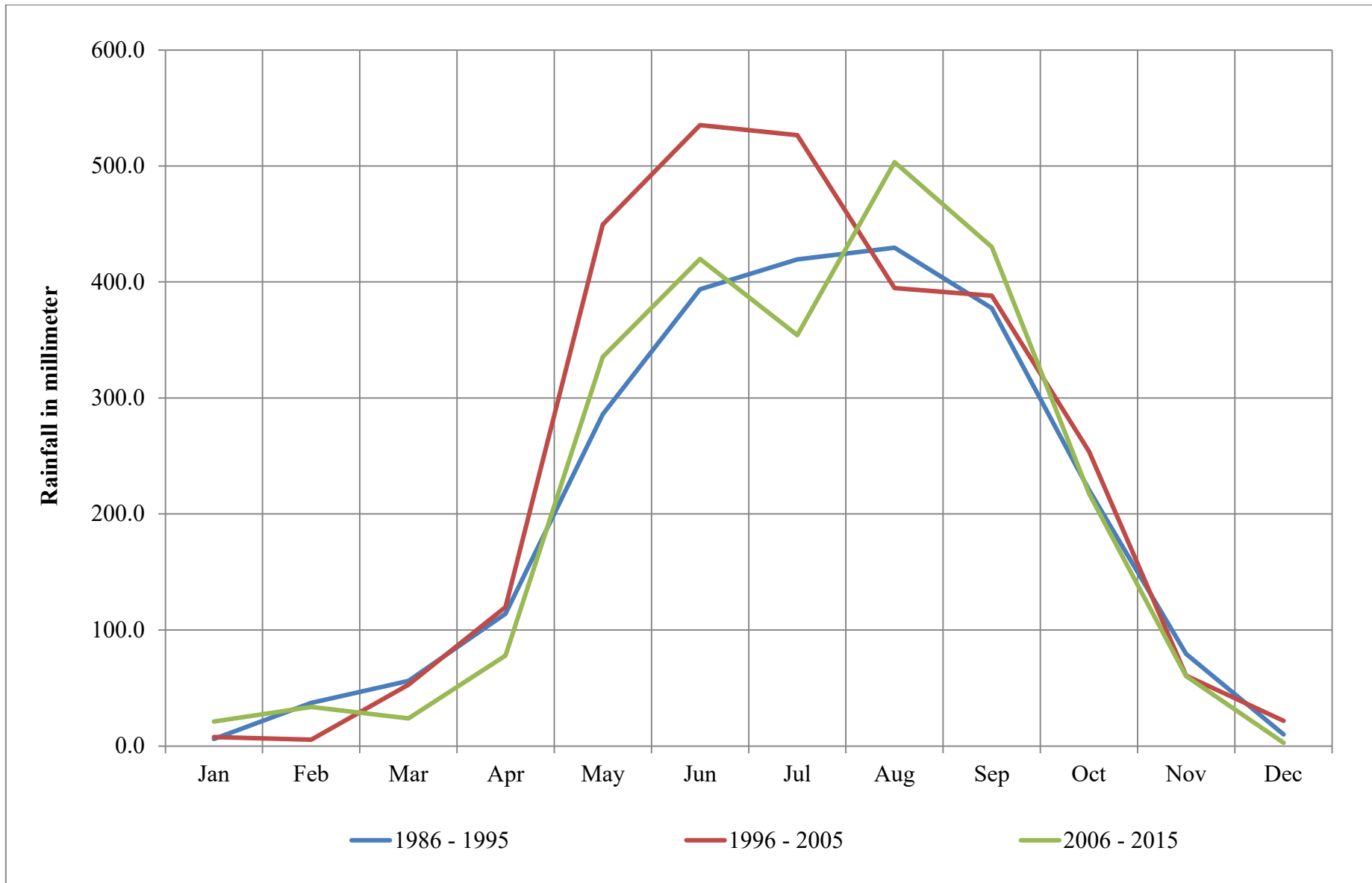


Figure 31: Decadal changes Rainfall (mm) of Siahha District (1986 – 2015)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2010	50.7	44.1	45.0	54.9	77.4	91.9	89.9	90.7	91.8	87.4	85.7	48.7
Avg Humidity %	50.7	44.1	45.0	54.9	77.4	91.9	89.9	90.7	91.8	87.4	85.7	48.7

Table 23: Average Monthly Relative Humidity (%) of Siaha District (2010)

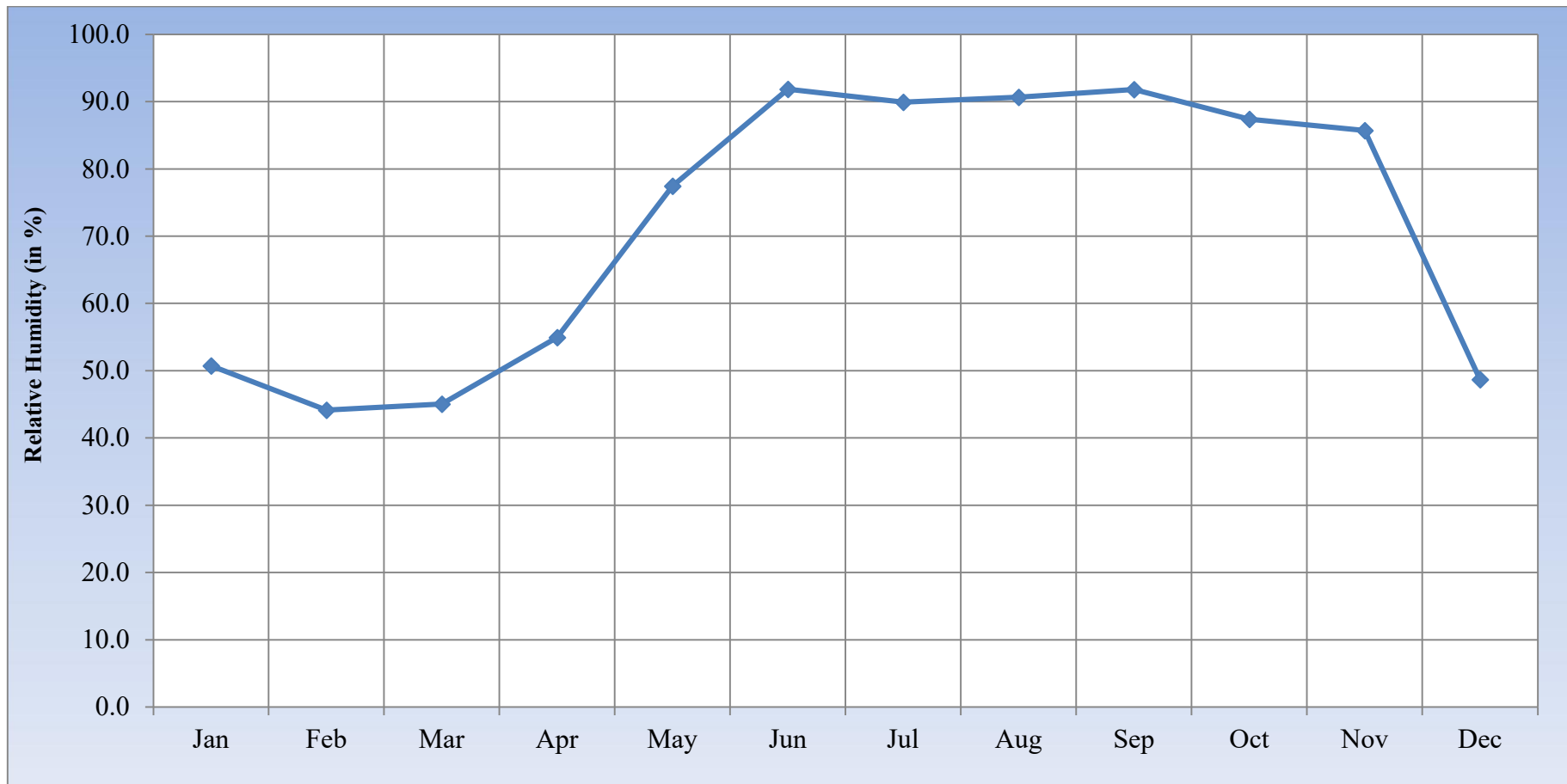


Figure 32: Average Monthly Relative Humidity (%) of Siaha District (2010)

Year	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
2010	26.3	11.1	28.6	12	33.0	14.6	34	17	33	17.0	30	19	27	15	23.7	15.2	30.7	23.1	30	19	27	14	28	11
Avg. Mean	18.7		20.2		23.8		25.5		25.2		24.2		21.0		19.4		26.9		24.4		20.6		19.3	

Table 24: Monthly Mean, Maximum and Minimum Temperature of Siaha District (2010)

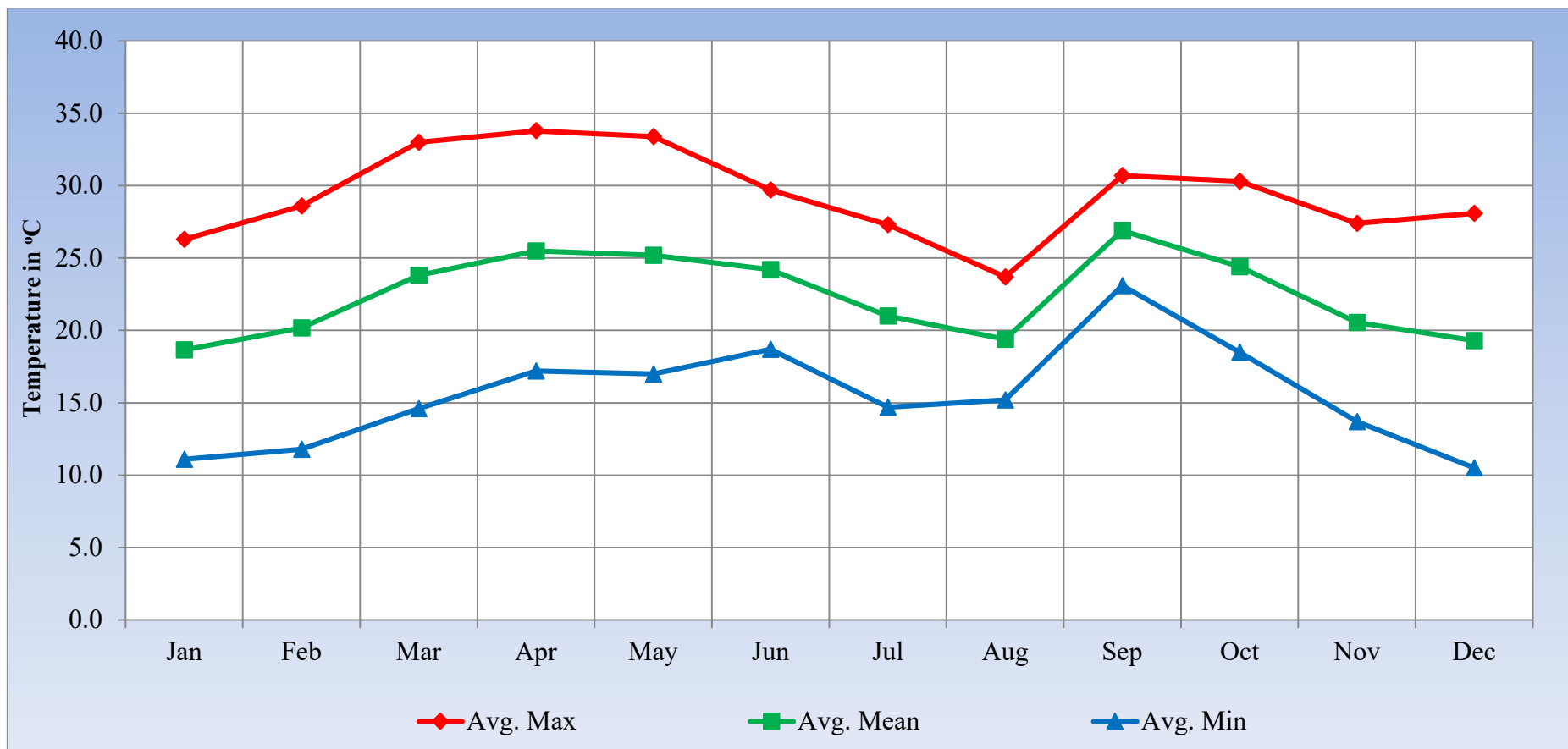


Figure 33: Averaged Mean, Maximum and Minimum Temperature (in degree Celsius) of Siaha District (2010)