

CHAPTER VI

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APPENDICES

ANNEX L. T-test Result

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	SQLBLC – SQLAFLC	-.48	2.42	9.23E-02	-.67	-.30	-5.242	685	.000
Pair 2	WQLBLC - WQAFTLC	.36	2.49	9.57E-02	.17	.55	3.762	677	.000
Pair 3	SQNBLC – SQNAFLC	-.20	2.61	9.95E-02	-.40	-4.40E-03	-2.008	685	.045
Pair 4	WQNBLC - WQNAFRLC	.26	2.49	9.59E-02	7.50E-02	.45	2.746	675	.006
Pair 5	WPROBLC - WPROBALC	-.36	2.89	.11	-.58	-.14	-3.238	679	.001
Pair 6	SPROBBLC - SPROBALC	-1.10	2.60	9.97E-02	-1.29	-.90	-11.00	681	.000
Pair 7	HEALTHB - HEALTHA	.53	2.61	9.99E-02	.34	.73	5.343	681	.000
Pair 8	INBEF – INAFT	.31	3.32	.13	5.82E-02	.56	2.422	682	.016
Pair 9	CROPB – CROPA	8.82E-03	2.69	.10	-.19	.21	.085	679	.932
Pair 10	TREESB – TREESA	.70	2.31	8.82E-02	.53	.87	7.950	682	.000
Pair 11	SEEDB – SEEDA	.18	2.06	8.20E-02	1.94E-02	.34	2.200	631	.028

ANNEX C. Cagayan de Oro Rainfall (mm) Record

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
1961	86.4	62.2	45.2	48.1	215.6	200.8	193.3	192.4	71.9	296.5	81.4	60.1	1499.9
1962	78.4	189.3	71.7	5.9	130.8	62.2	151.8	196.3	278.7	176.3	165.9	123.5	1630.8
1963	116.2	147.1	74.0	42.7	53.3	235.4	239.8	288.8	247.4	58.2	23.2	17.1	1543.2
1964	44.5	138.3	2.7	76.9	210.8	174.5	137.1	128.3	372.7	152.3	326.2	155.6	1919.9
1965	452.0	70.9	90.7	42.1	99.0	357.4	129.2	204.0	302.0	90.7	158.0	19.8	2015.8
1966	11.2	4.1	2.6	12.0	231.8	148.9	412.8	265.9	57.1	245.4	57.9	63.5	1513.2
1967	114.2	135.6	21.0	15.8	12.2	269.3	185.5	328.2	227.9	157.3	175.6	20.0	1662.6
1968	89.8	161.1	18.6	18.5	12.0	164.7	65.7	302.7	203.7	161.2	51.8	165.3	1415.1
1969	14.7	5.0	11.6	34.3	57.0	121.3	180.8	109.0	219.9	170.6	118.7	65.6	1108.5
1970	21.5	121.1	33.6	9999	103.2	273.1	179.3	275.2	169.7	232.3	99.5	34.7	1543.2
1971	68.0	130.4	158.6	20.2	54.5	350.8	127.0	249.2	343.8	219.5	188.7	62.3	1973.0
1972	124.6	34.5	114.4	4.3	90.9	183.3	65.1	251.3	275.7	70.3	53.8	241.4	1509.6
1973	9999	6.0	1.6	27.7	40.9	218.1	340.4	331.4	231.1	244.6	371.5	226.7	2040.0
1974	114.1	86.1	48.2	34.5	122.5	161.4	267.2	219.0	126.0	315.6	99.6	133.9	1728.1
1975	307.3	20.2	61.1	79.0	111.7	296.1	364.5	164.8	277.6	213.2	75.9	23.5	1995.7
1976	158.4	26.1	9.9	31.8	46.5	215.0	78.0	85.0	190.8	72.9	130.0	93.1	1137.5
1977	27.7	187.3	16.2	9999	79.0	72.0	457.5	410	35.9	66.6	130.5	7.3	1490.6
1978	62.6	9.8	187.7	45.5	129.5	147.0	156.0	257.3	315.3	133.1	87.1	128.2	1659.1
1979	7.5	6.3	6.4	23.7	198.7	177.4	279.1	62.8	147.2	156.2	112.4	93.4	1271.1
1980	83.5	55.1	12.2	60.8	13.8	232.2	101.9	290.0	138.2	398.7	79.2	155.9	1621.5
1981	400.2	50.4	9.1	1.2	64.4	155.7	285.7	36.8	220.9	101.9	139.0	79.5	1544.8
1982	207.2	139.3	82.4	3.0	39.6	128.8	148.5	250.6	100.8	204.6	35.7	22.1	1362.6
1983	1.2	9999	1.2	0.0	4.0	162.7	231.5	217.7	322.9	238.5	111.2	40.3	1331.2
1984	46.3	78.3	145.7	152.2	96.8	243.3	258.3	130.2	214.2	211.3	80.1	91.7	1748.4
1985	183.7	3.0	5.1	114.8	62.1	186.0	281.1	160.7	346.9	289.1	124.5	175.9	1932.9
1986	253.9	6.4	33.3	22.9	75.8	296.2	174.3	166.7	166.8	253.2	134.7	80.2	1664.4
1987	24.9	58.1	17.4	0.3	11.5	190.4	259.8	173.3	61.1	124.1	122.4	76.2	1119.5
1988	5.9	17.4	52.7	46.9	85.0	146.6	143.4	146.2	313.3	266.5	215.1	102.3	1541.3
1989	37.4	43.6	85.2	59.4	234.7	366.8	157.5	241.5	219.6	170.7	79.1	103.8	1799.3
1990	35.3	15.2	1.5	4.9	195.7	233.2	245.5	122.8	154.8	180.0	486.9	41.9	1717.7
1991	69.7	19.7	55.9	98.1	21.2	121.4	326.1	90.5	95.0	207.7	54.2	10.9	1170.4
1992	4.1	0.2	3.0	0.3	37.0	254.4	236.9	233.2	152.0	204.0	17.9	75.0	1218.0
1993	38.8	123.2	24.4	31.1	9.5	88.1	187.4	174.8	256.9	197.3	104.6	115.0	1351.1
1994	28.4	93.5	57.2	119.6	52.9	429.8	152.9	342.0	128.3	98.9	23.4	34.0	1560.9
1995	87.3	34.9	47.7	14.9	81.5	258.0	252.6	166.5	272.6	167.9	55.0	288.2	1727.1
1996	72.1	137.1	19.9	188.5	103.3	125.9	146.1	121.6	163.3	143.9	186.9	20.6	1429.2
1997	100.2	47.0	93.0	25.0	33.6	192.3	207.9	88.7	262.6	163.2	39.5	27.5	1280.5
1998	16.0	1.6	9999	0.0	23.8	130.6	50.5	187.7	197.0	87.2	267.1	74.0	1035.5
1999	185.1	256.9	110.3	118.2	188.2	132.7	235.8	246.5	156.0	192.7	153.1	211.5	2187.0
2000	62.8	88.4	85.3	45.4	213.7	329.0	164.2	152.0	113.8	305.1	186.3	96.9	1842.9
2001	12.8	84.2	58.9	38.3	210.4	312.7	181.6	380.7	114.0	318.8	339.2	97.1	2148.7
2002	48.2	92.6	28.2	29.4	31.4	306.6	185.6	254.7	258.3	108.7	46.1	38.3	1428.1
2003	38.1	13.2	4.7	1.0	137.5	278.2	350.8	227.4	182.4	150.6	58.7	413.4	1856.0
2004	34.4	122.6	28.1	1.3	132.9	222.5	109.3	56.0	97.7	142.4	21.4	65.5	
TOTAL	3942.2	3000.7	2010.1	1739.2	4027.3	9131.1	8571.2	8697.6	8523.7	7866.8	5588.9	3793.8	
MEAN	91.7	69.8	46.7	40.4	93.7	212.4	204.1	207.1	202.9	187.3	133.1	90.3	
NORM	106.0	66.9	48.6	34.3	96.1	205.7	208.1	208.6	211.8	189.0	137.2	90.9	

Note: 9999 is nil

Source: Cagayan de Oro, PAGASA, 2006