

Supporting Report for “Chapter 2 Water Resources Potential and Development Plan”

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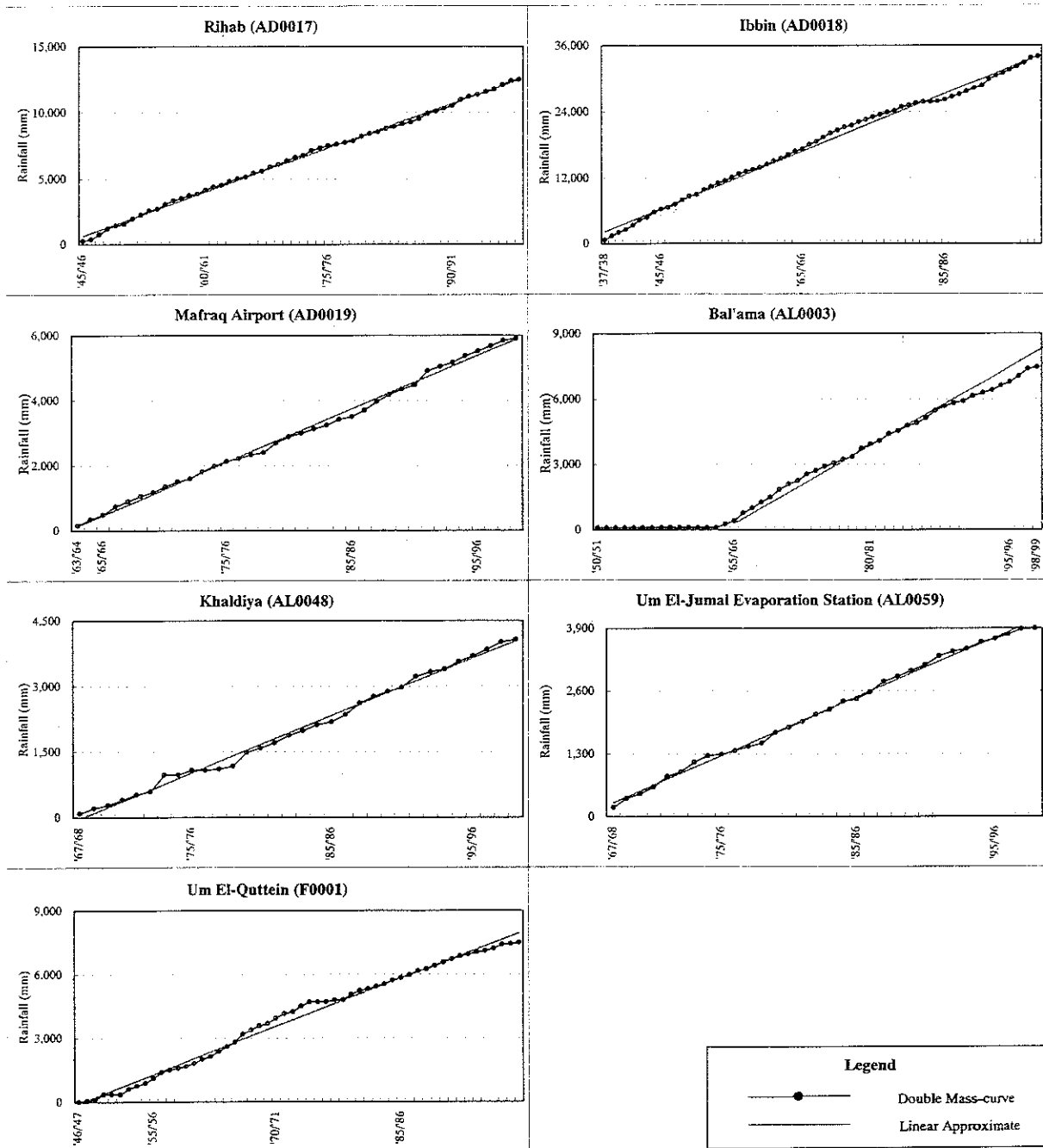


Fig.2.1.1-5(1) Double Mass-curves of Annual Rainfall (Mafraq Governorate)

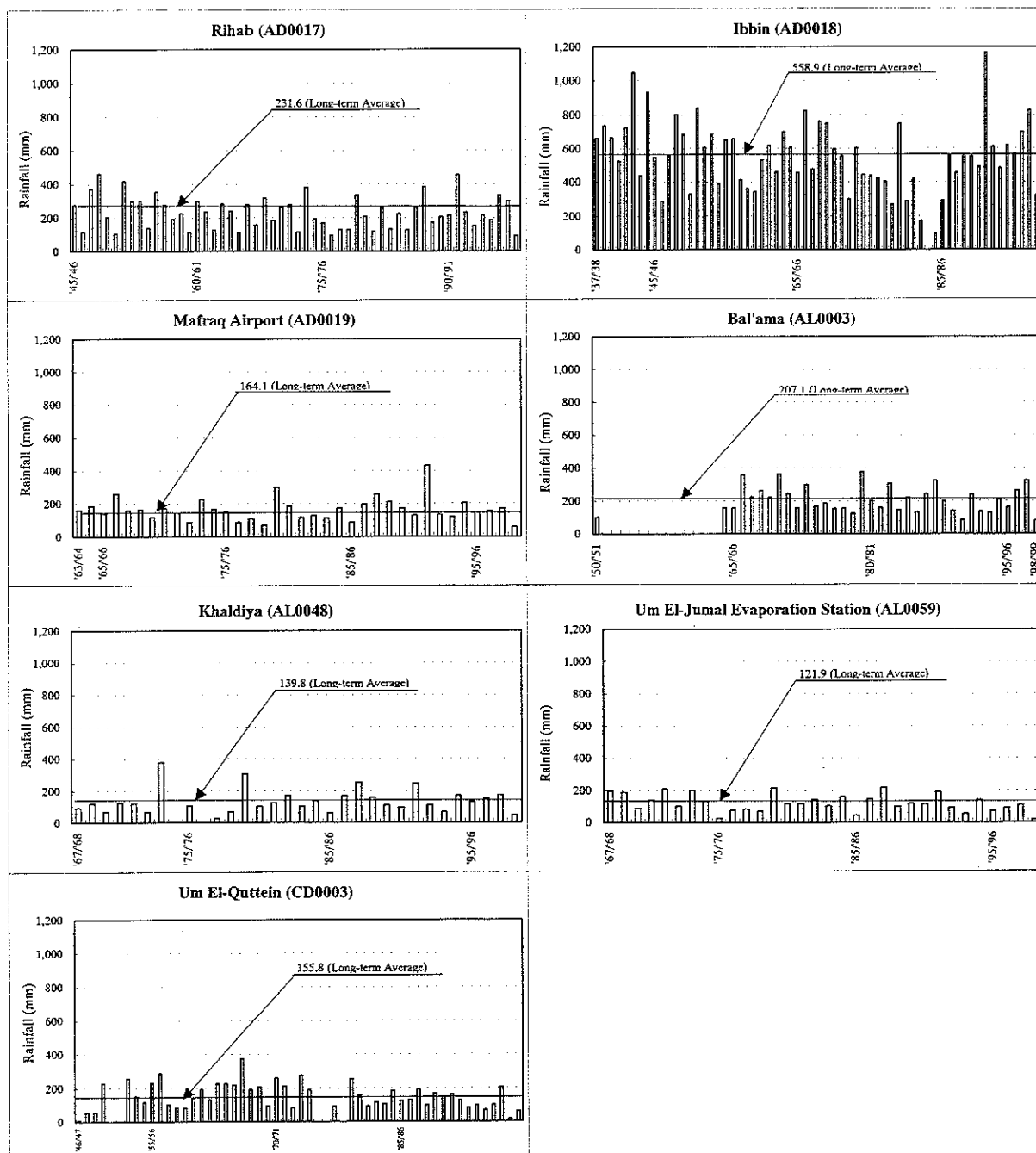


Fig.2.1.1-5(2) Long-term Average and Annual Rainfall (Mafraq Governorate)

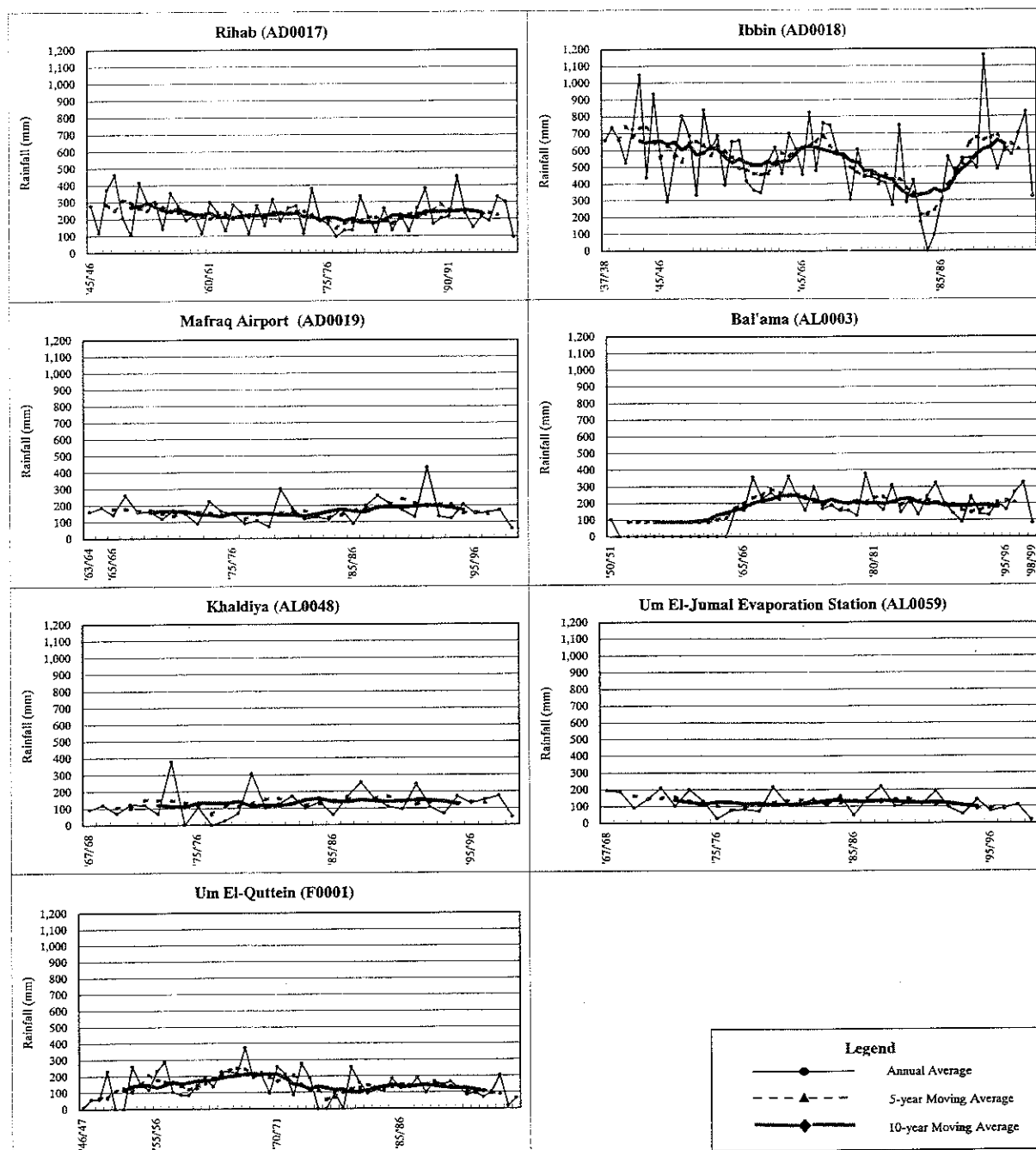


Fig.2.1.1-5(3) Annual Rainfall Moving Averages (Mafraq Governorate)

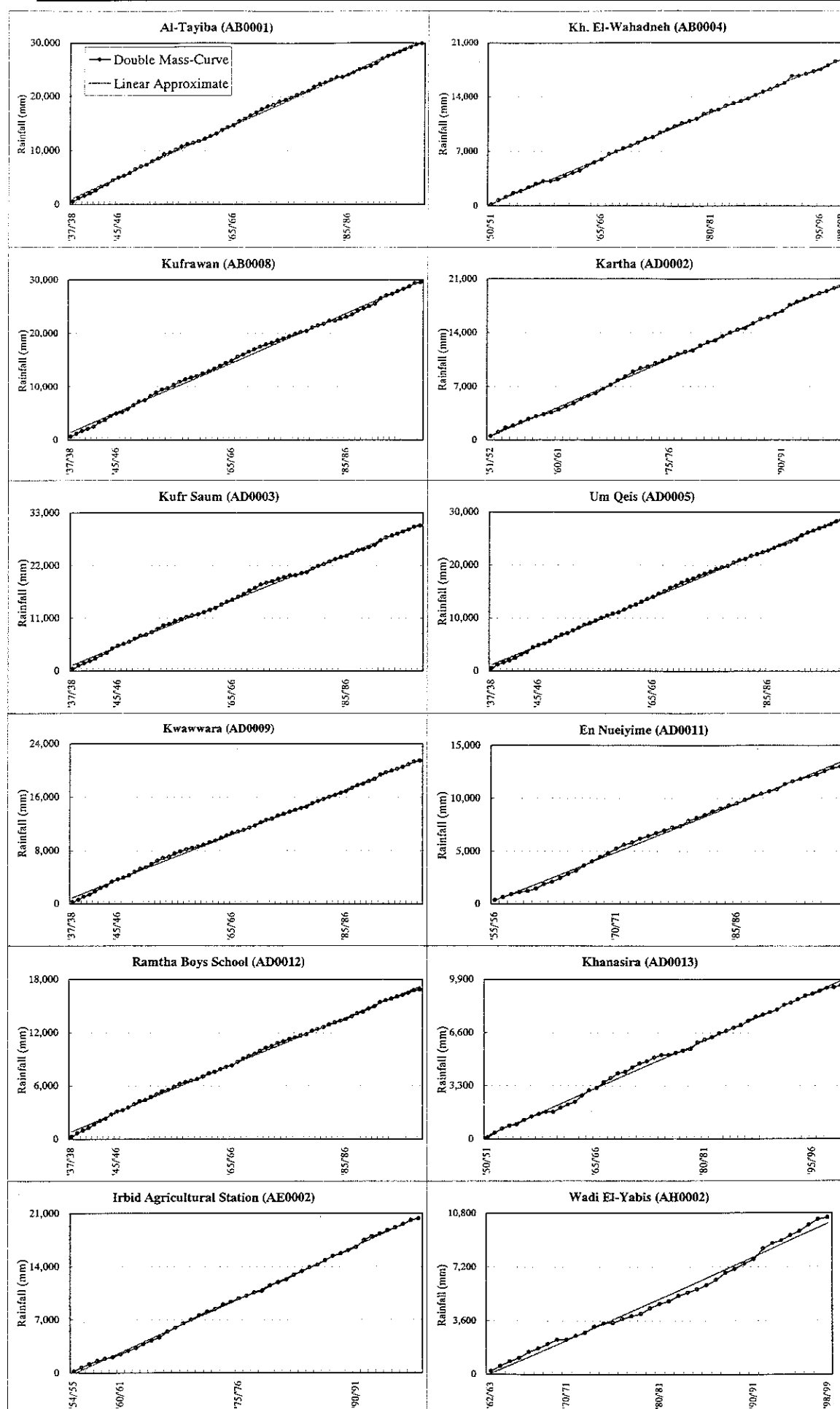


Fig.2.1.1-6(1) Double Mass-curves of Annual Rainfall (Irbid Governorate)

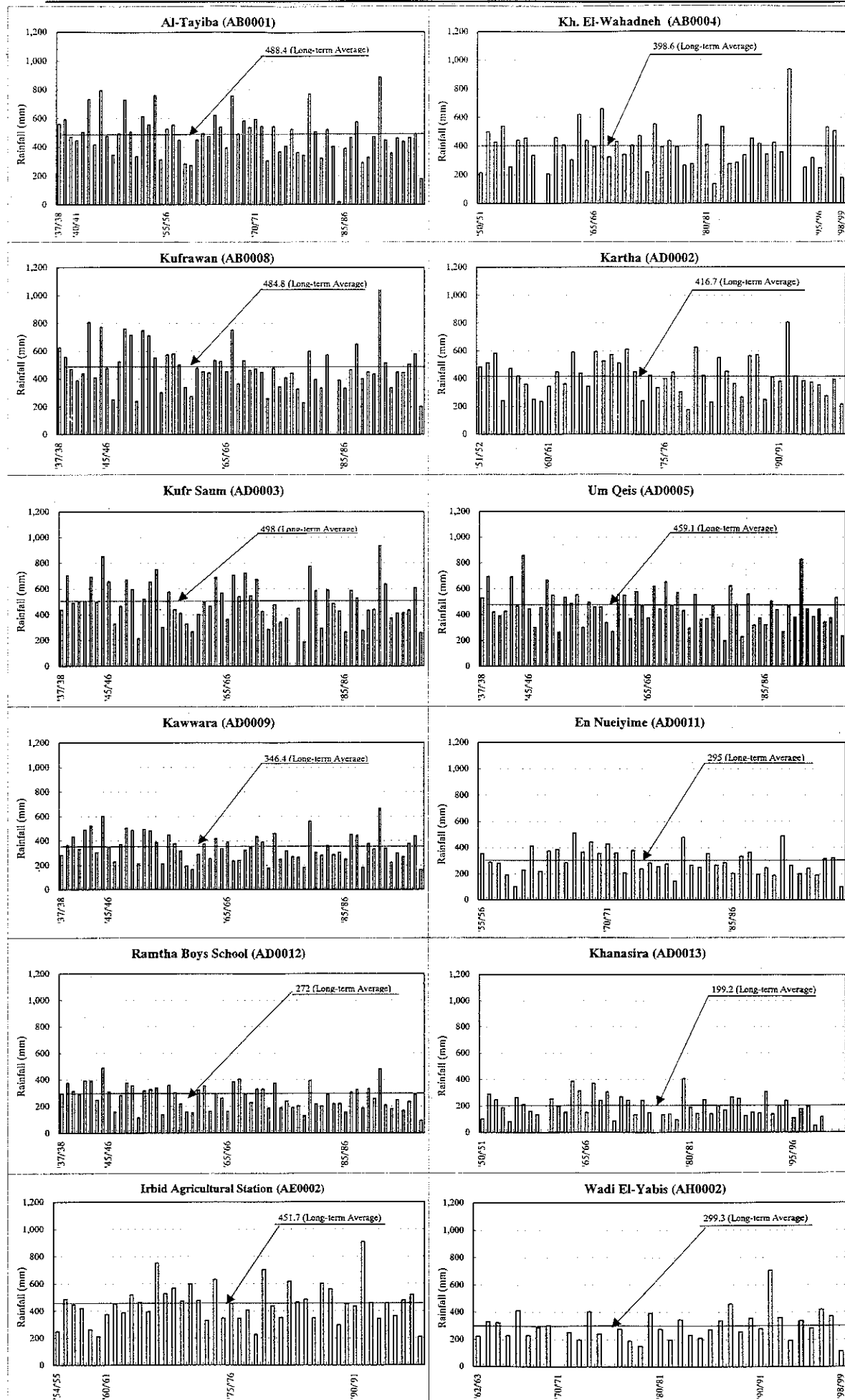


Fig.2.1.1-6(2) Long-term Average and Annual Rainfall (Irbid Governorate)

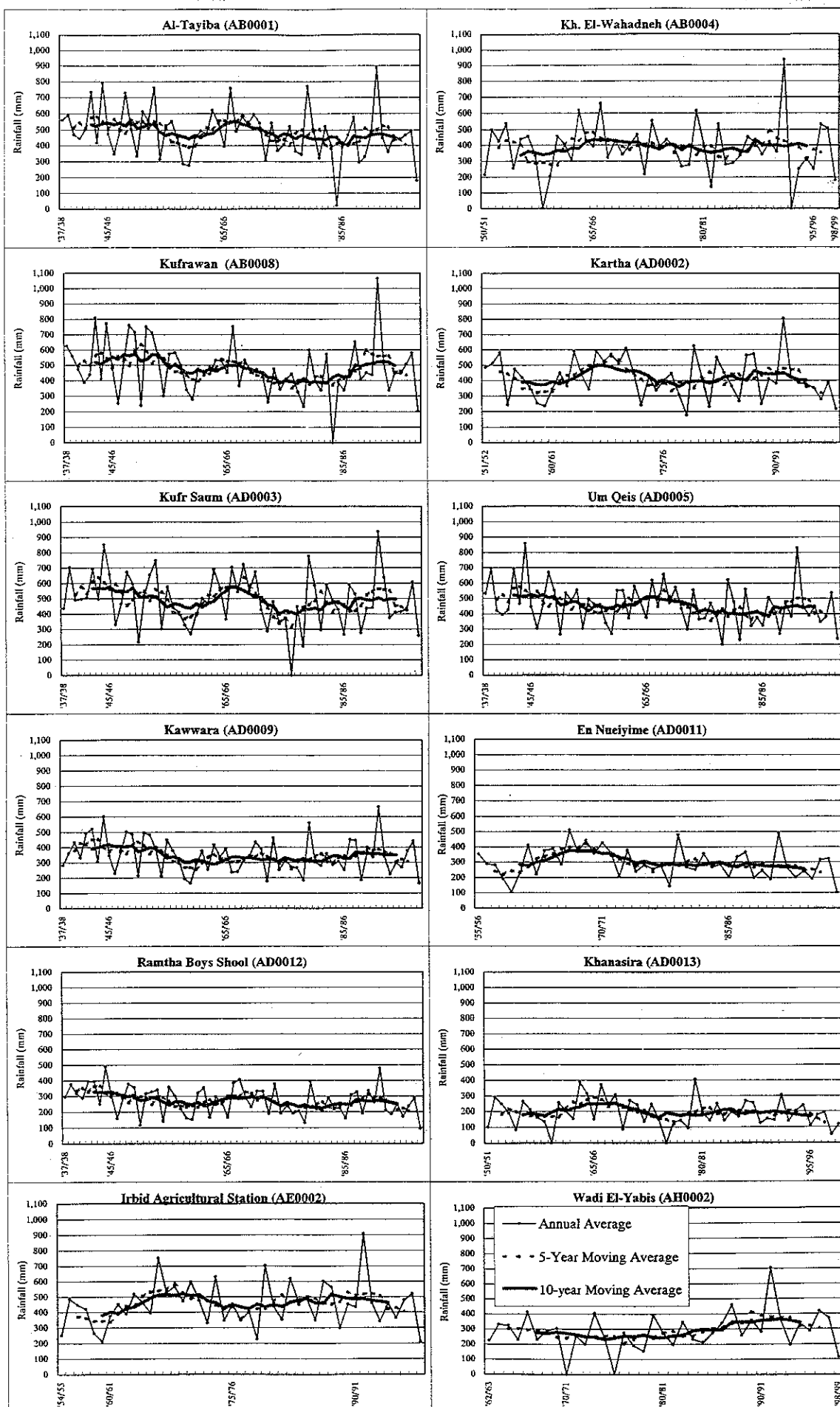


Fig.2.1.1-6(3) Annual Rainfall Moving Averages (Irbid Governorate)

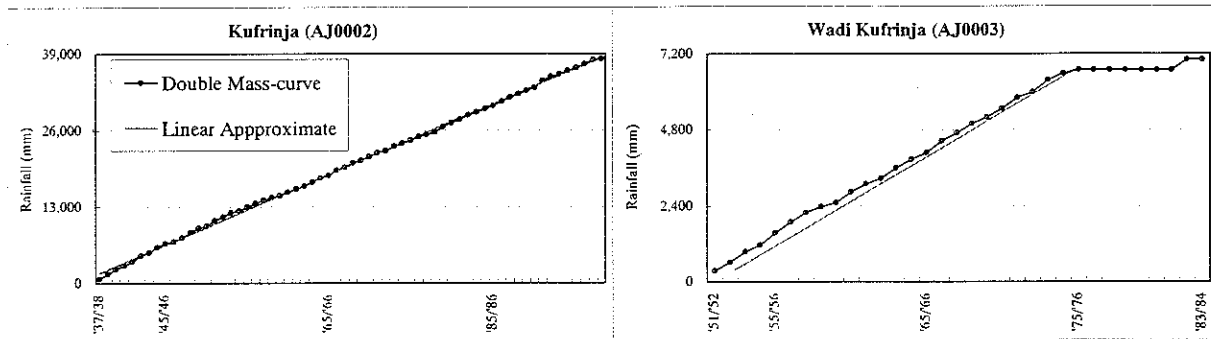


Fig.2.1.1-7(1) Double Mass-curve of Annual Rainfall (Ajloun Governorate)

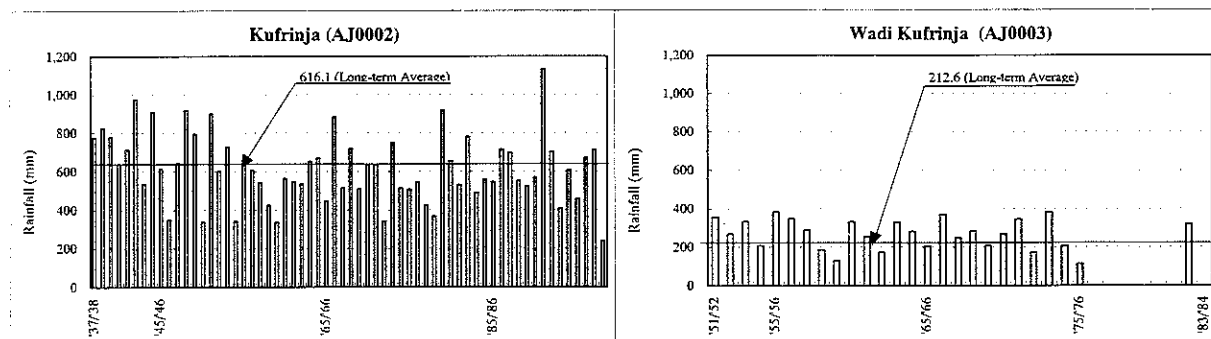


Fig.2.1.1-7(2) Long-term Average and Annual Rainfall (Ajloun Governorate)

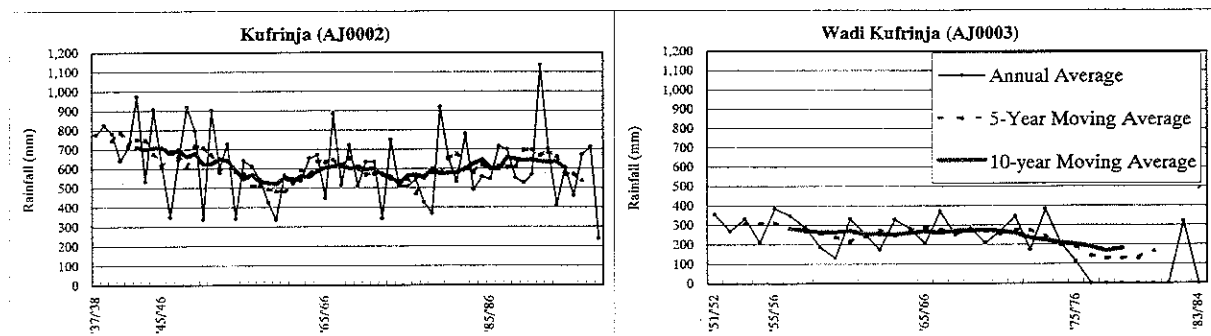


Fig.2.1.1-7(3) Annual Rainfall Moving Averages (Ajloun Governorate)

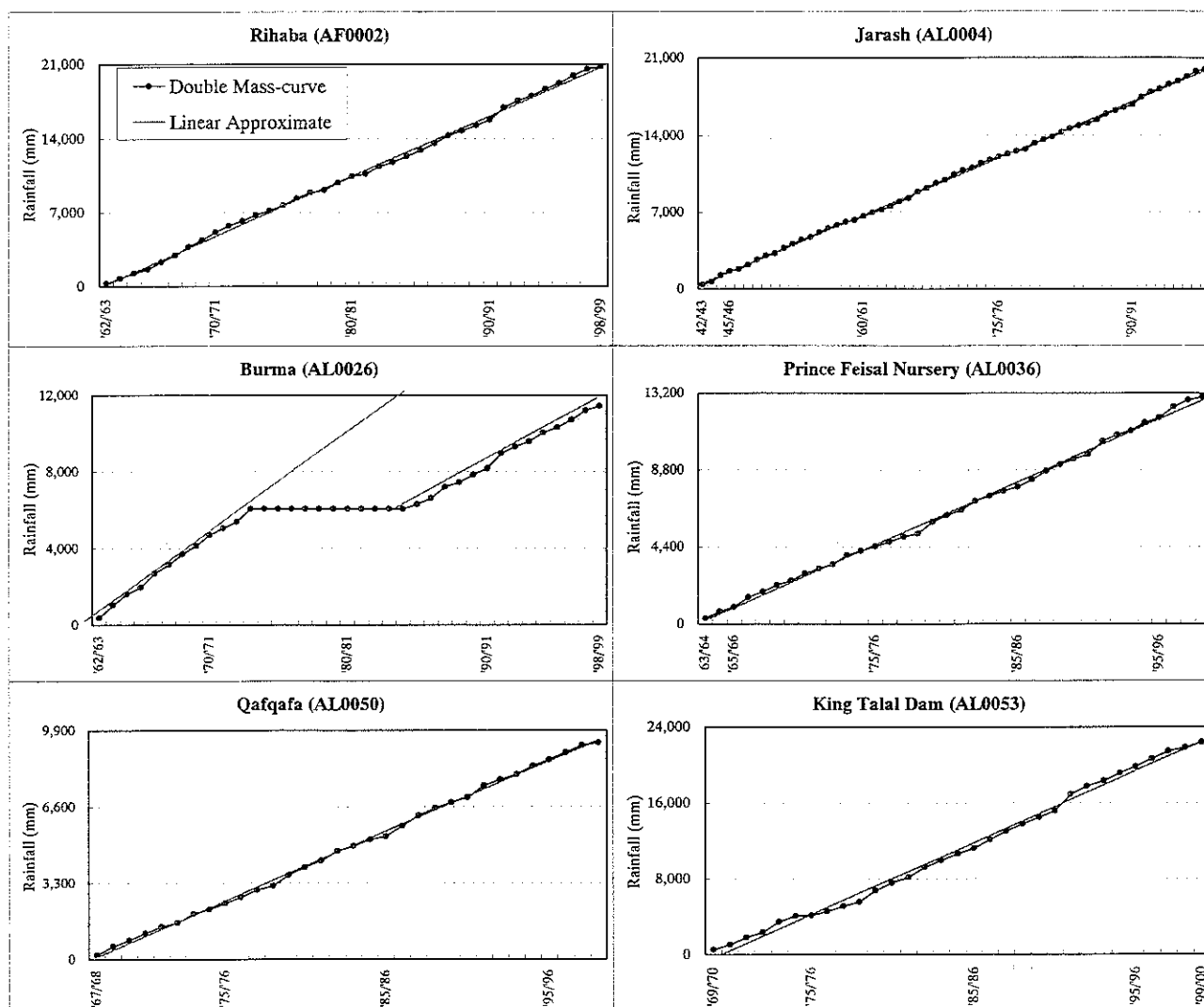


Fig.2.1.1-8(1) Double Mass-Curves of Annual Rainfall (Jarash Governorate)

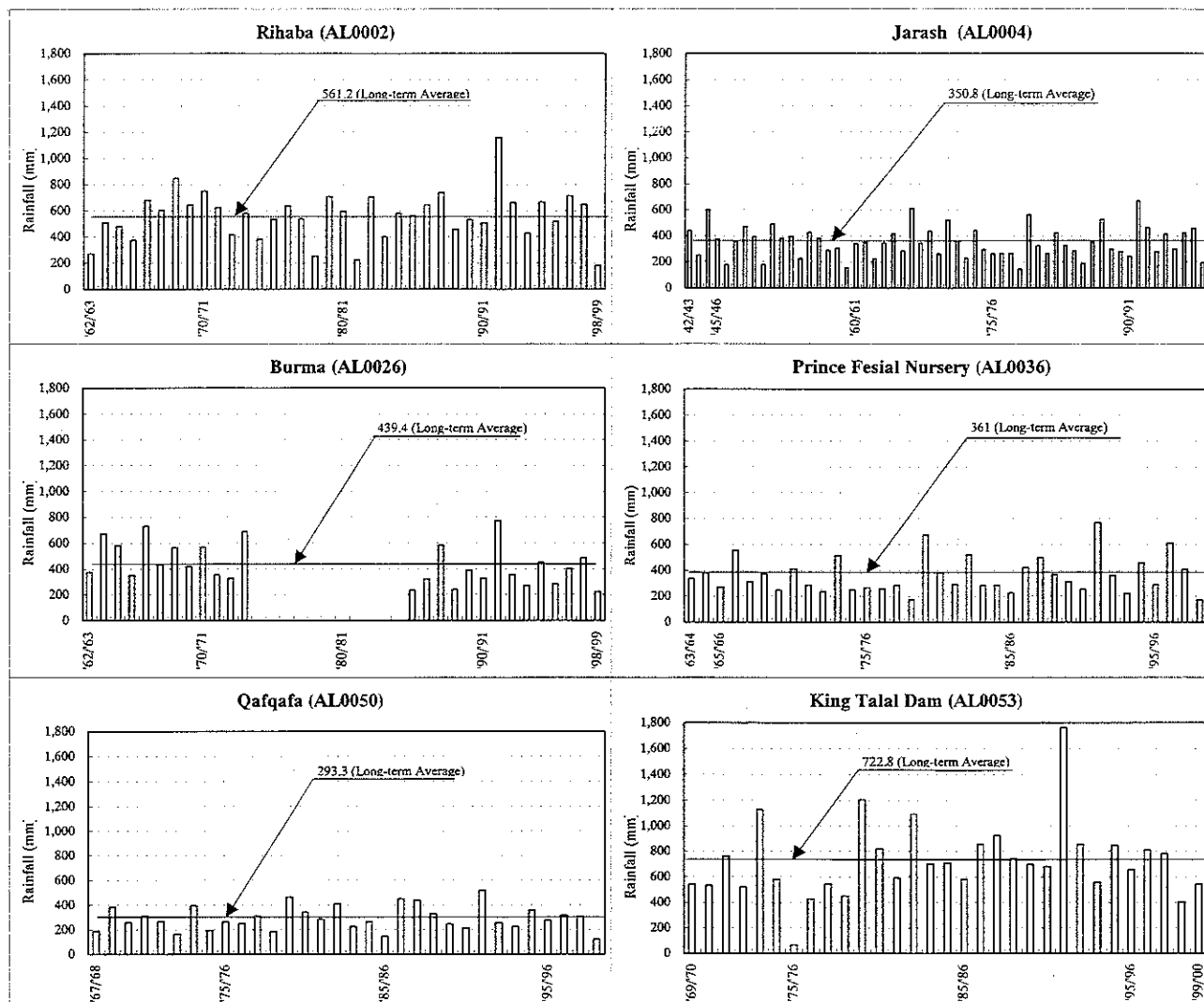


Fig.2.1.1-8(2) Long-term Average and Annual Rainfall (Jarash Governorate)

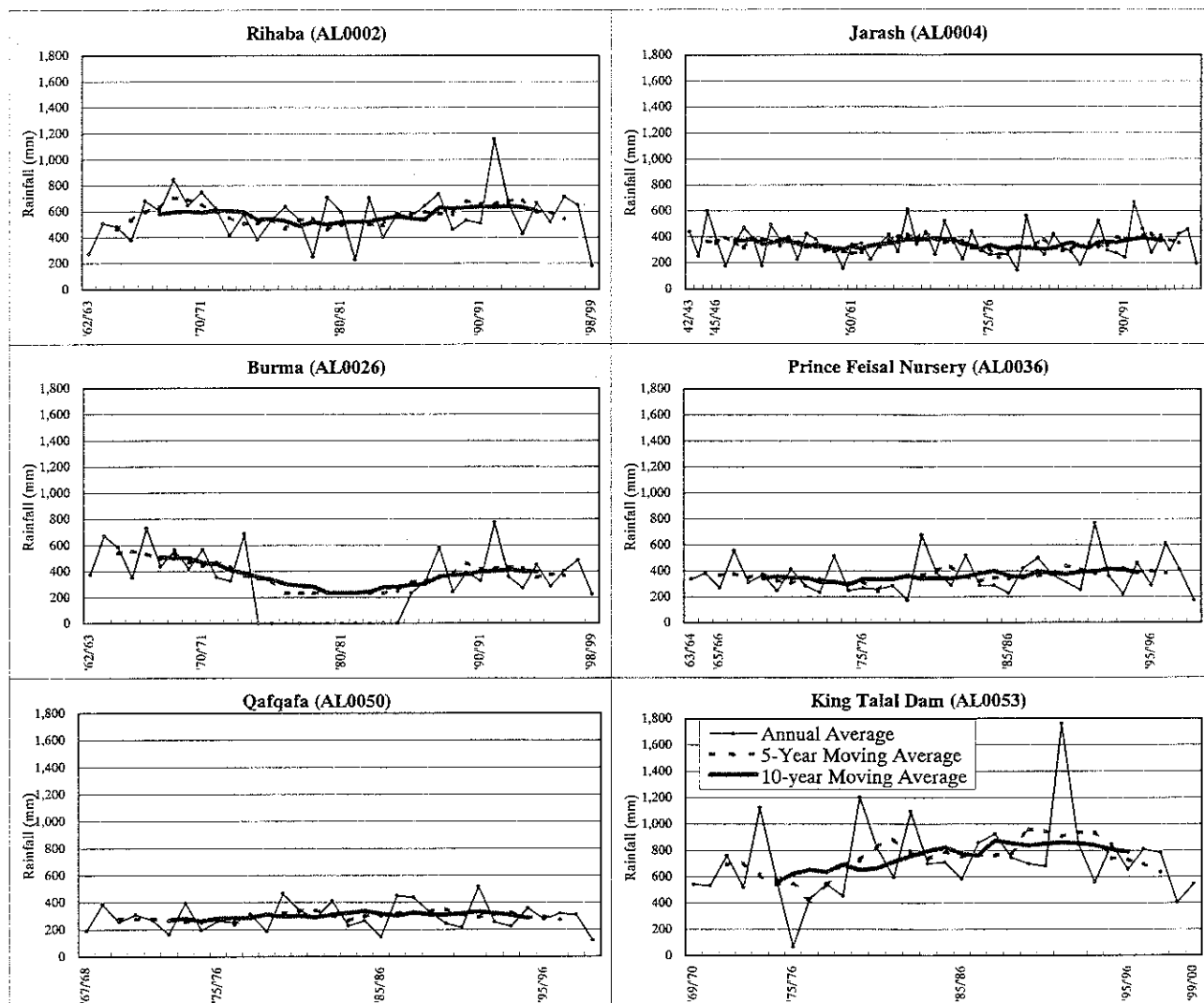


Fig.2.1.1-8(3) Annual Rainfall Moving Averages (Jarash Governorate)

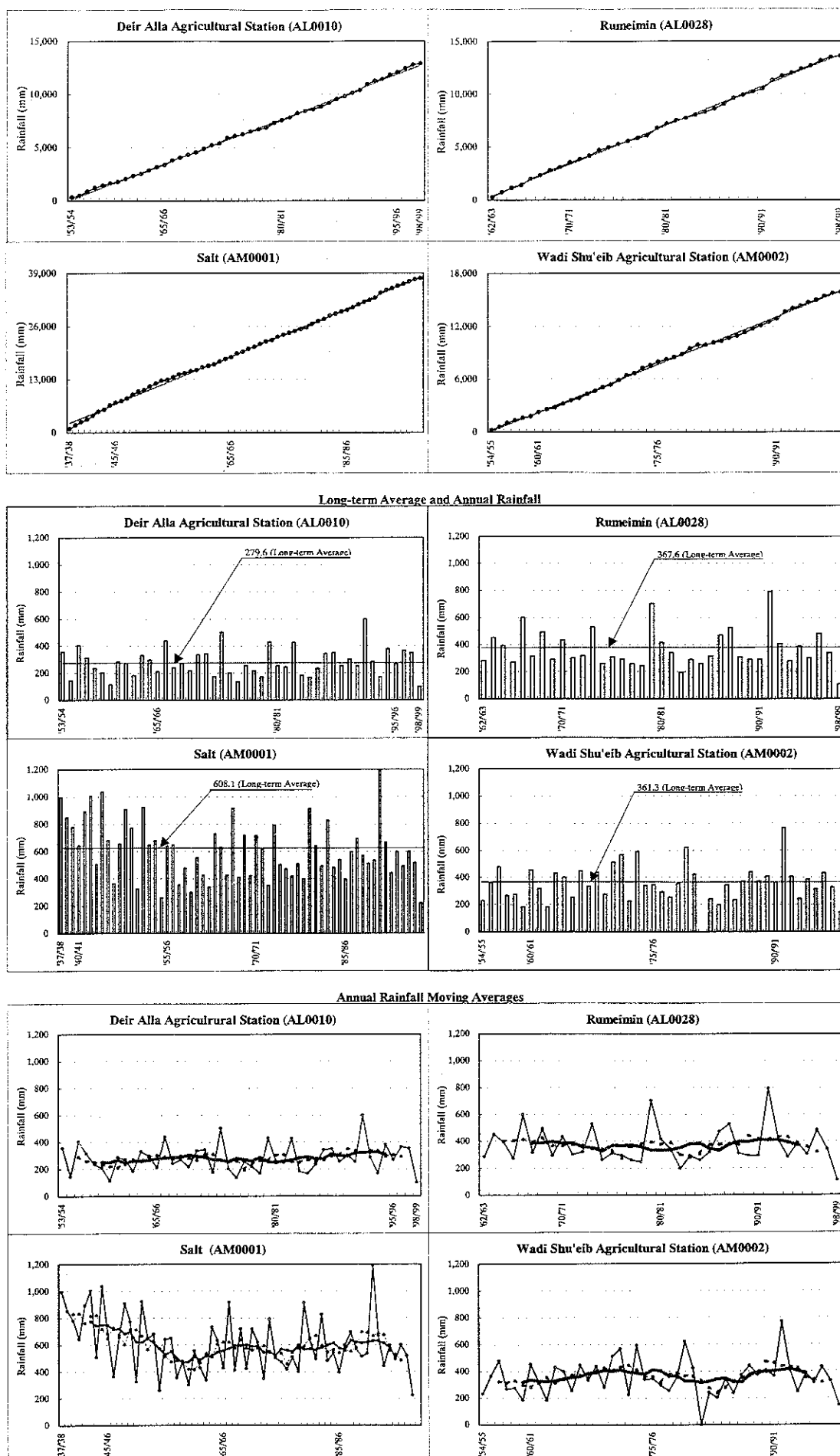


Fig.2.1.1-9 Annual Rainfall Analysis Results (Balqa Governorate)

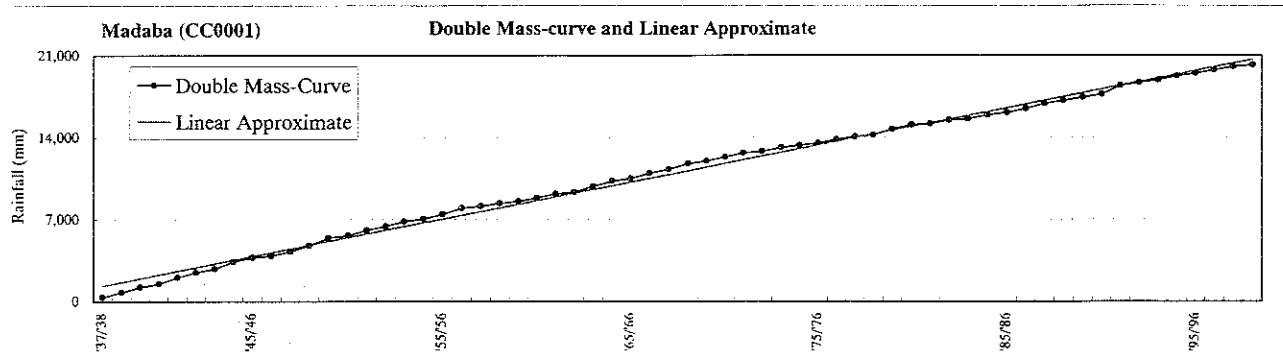


Fig.2.1.1-10(1) Double Mass-curve of Annual Rainfall (Madaba Governorate)

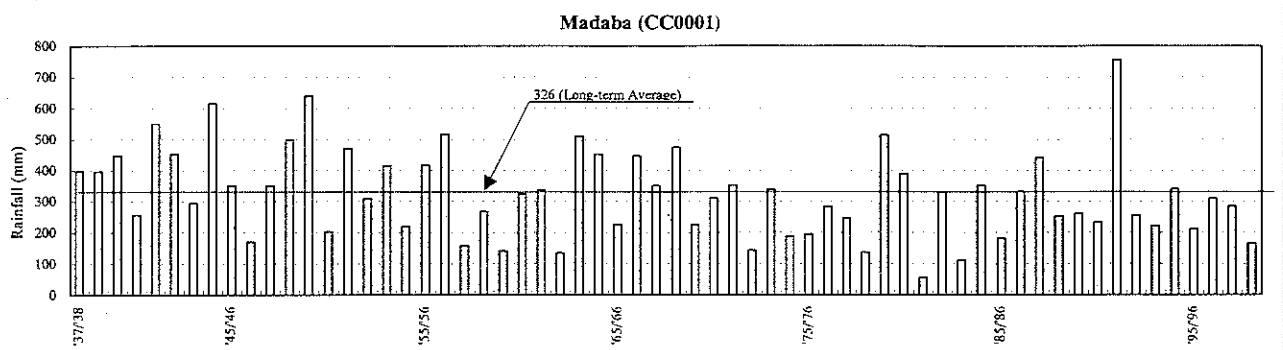


Fig.2.1.1-10(2) Long-term Average and Annual Rainfall (Madaba Governorate)

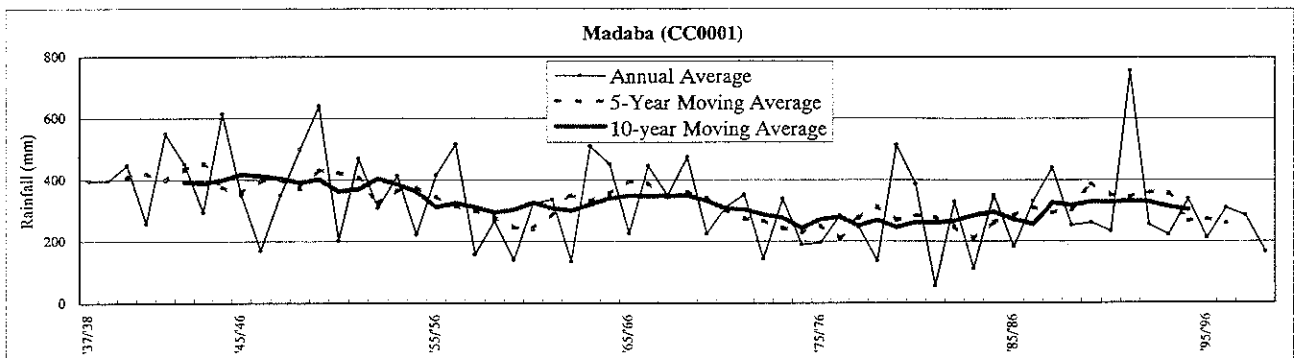


Fig.2.1.1-10(3) Annual Rainfall Moving Average (Madaba Governorate)

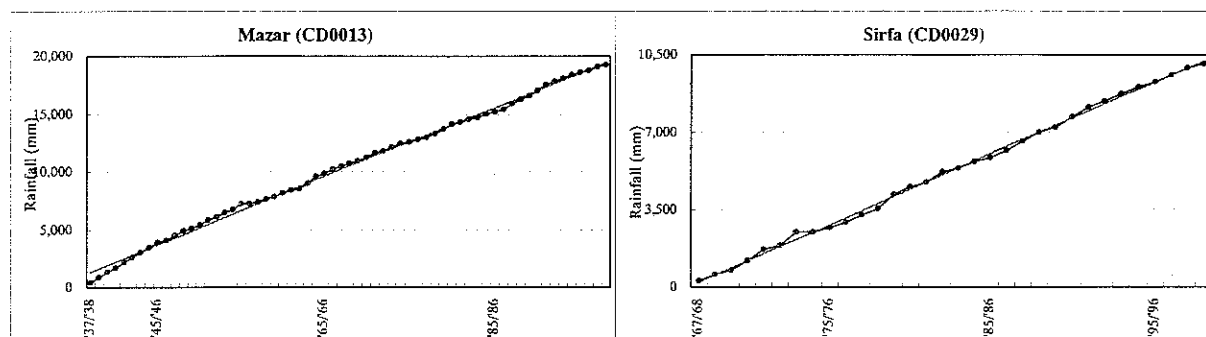


Fig.2.1.1-11(1) Double Mass-curves of Annual Rainfall (Karak Governorate)

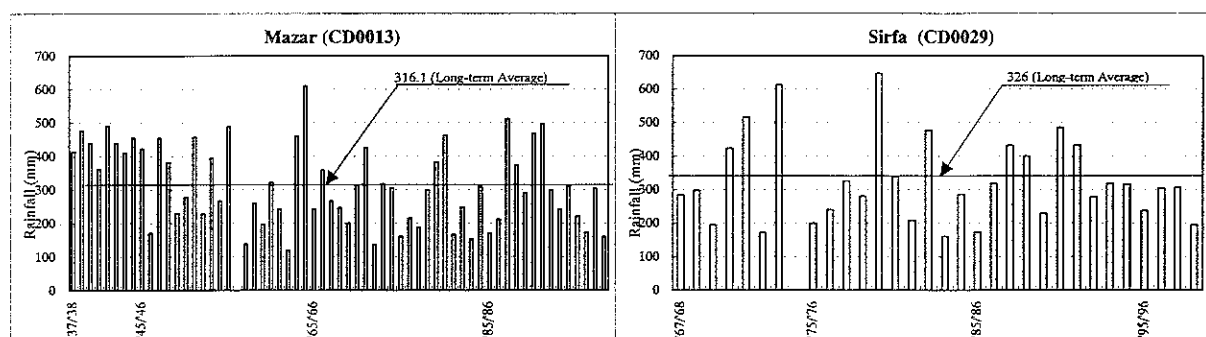


Fig.2.1.1-11(2) Long-term Average and Annual Rainfall (Karak Governorate)

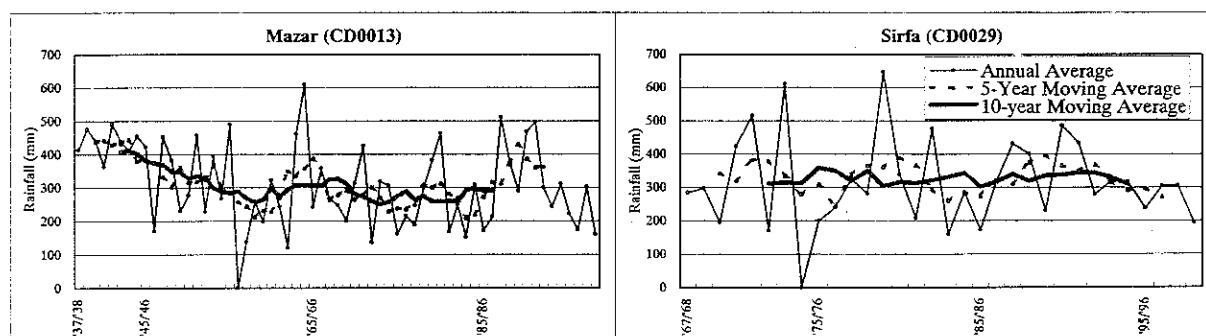


Fig.2.1.1-11(3) Annual Rainfall Moving Averages (Karak Governorate)

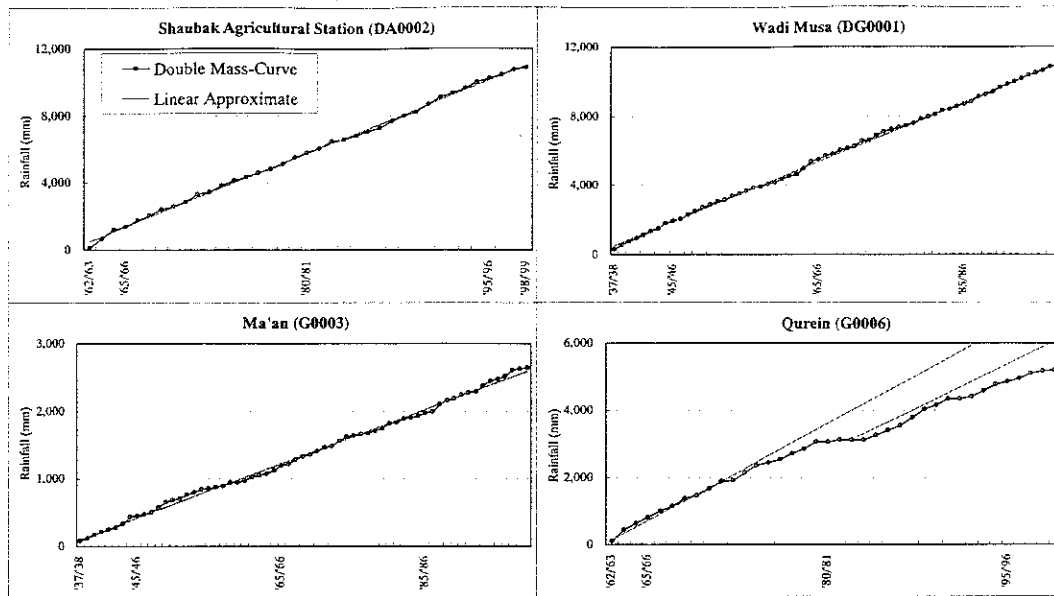


Fig.2.1.1-12(1) Double Mass-curves of Annual Rainfall (Ma'an Governorate)

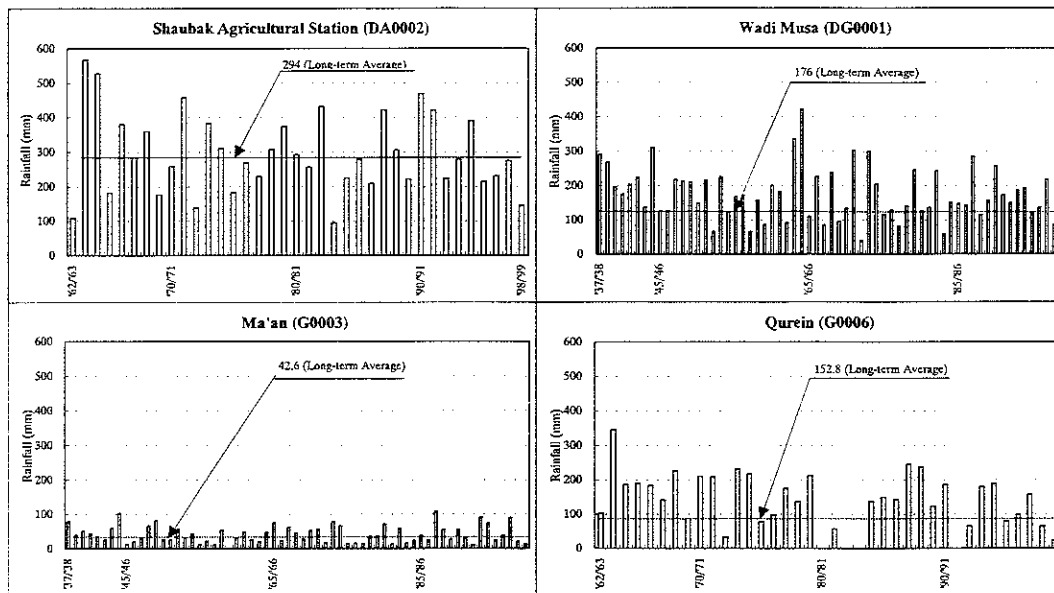


Fig.2.1.1-12(2) Long-term Average and Annual Rainfall (Ma'an Governorate)

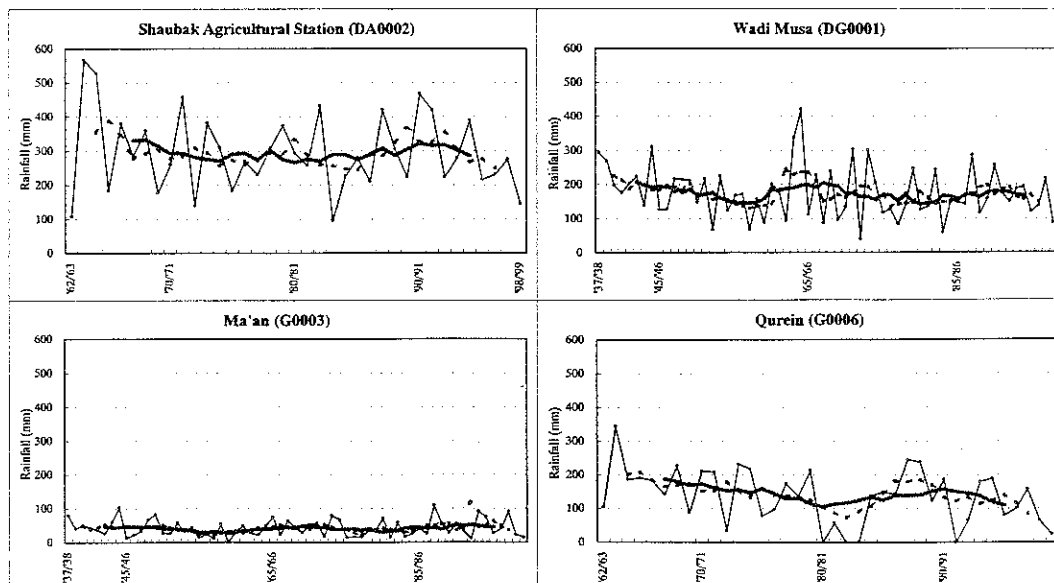


Fig.2.1.1-12(3) Annual Rainfall Moving Averages (Ma'an Governorate)

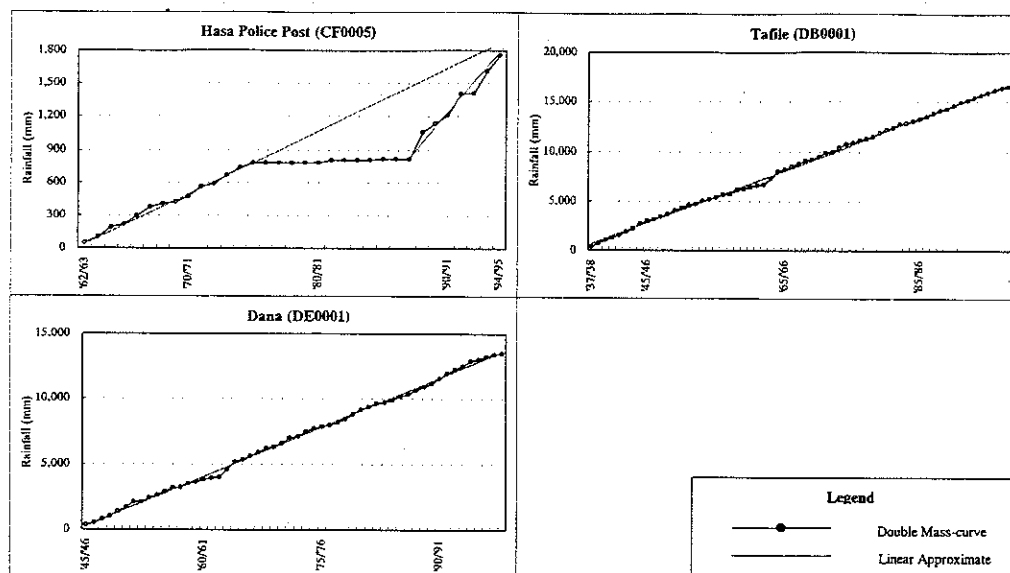


Fig.2.1.1-13(1) Double Mass-curve of Annual Rainfall (Tafelah Governorate)

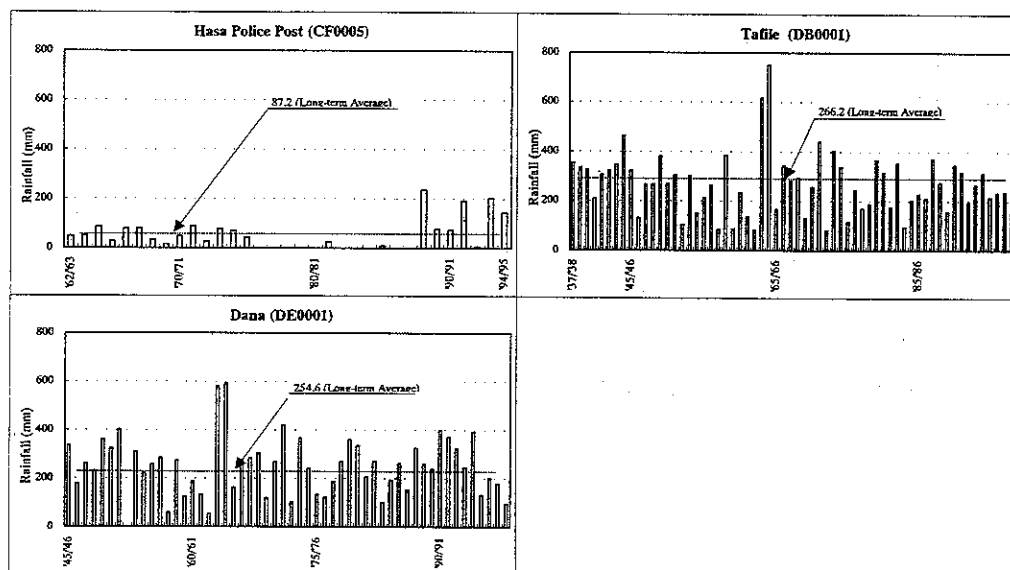


Fig.2.1.1-13(2) Long-term Average and Annual Rainfall (Tafelah Governorate)

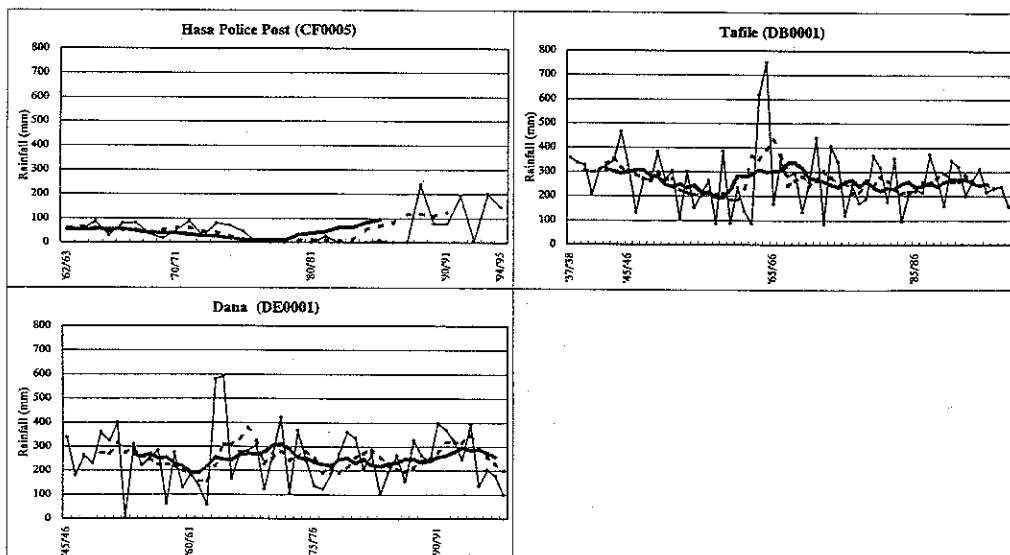


Fig.2.1.1-13(3) Annual Rainfall Moving Averages (Tafelah Governorate)

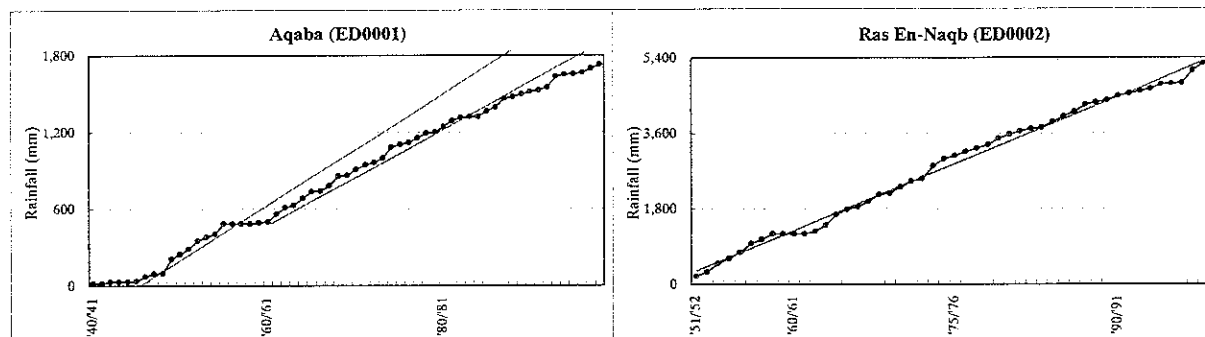


Fig.2.1.1-14(1) Double Mass-curves of Annual Rainfall (Aqaba Governorate)

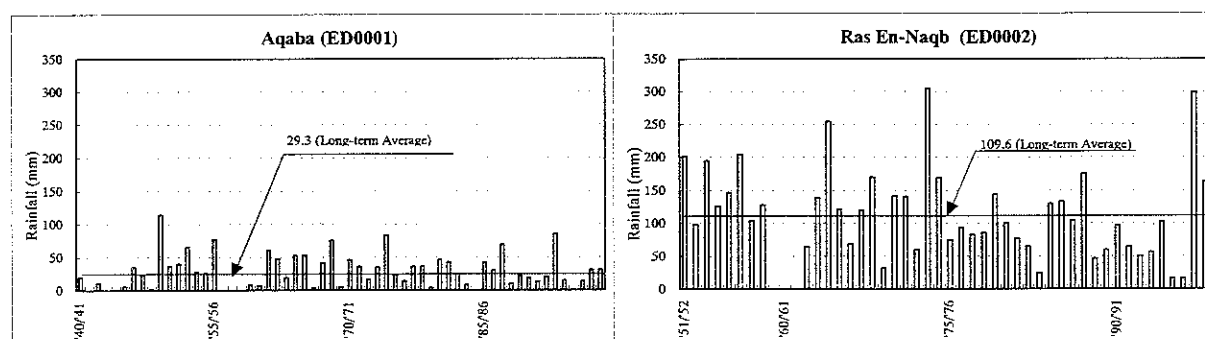


Fig.2.1.1-14(2) Long-term Average and Annual Rainfall (Aqaba Governorate)

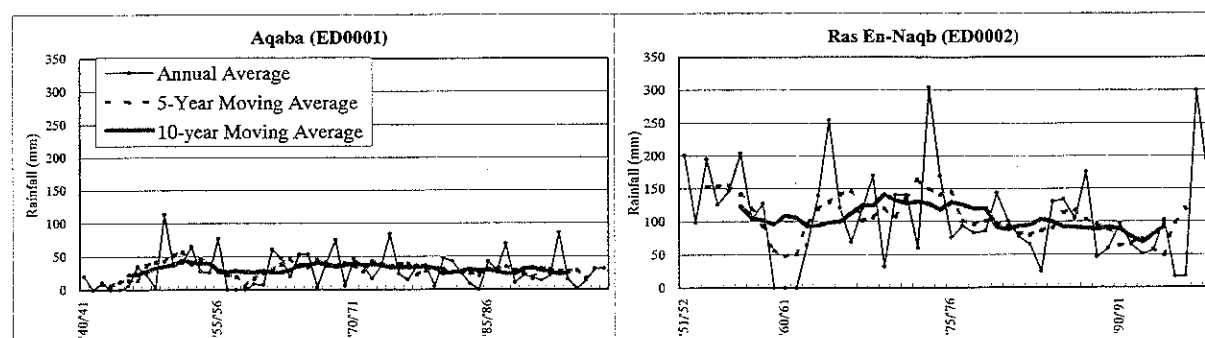


Fig.2.1.1-14(3) Annual Rainfall Moving Averages (Aqaba Governorate)

Note: ☐ means data records available.
Source: WIS Database of MWI

Fig.2.1.1-17 Available Discharge Records at the Representative Gauging Stations

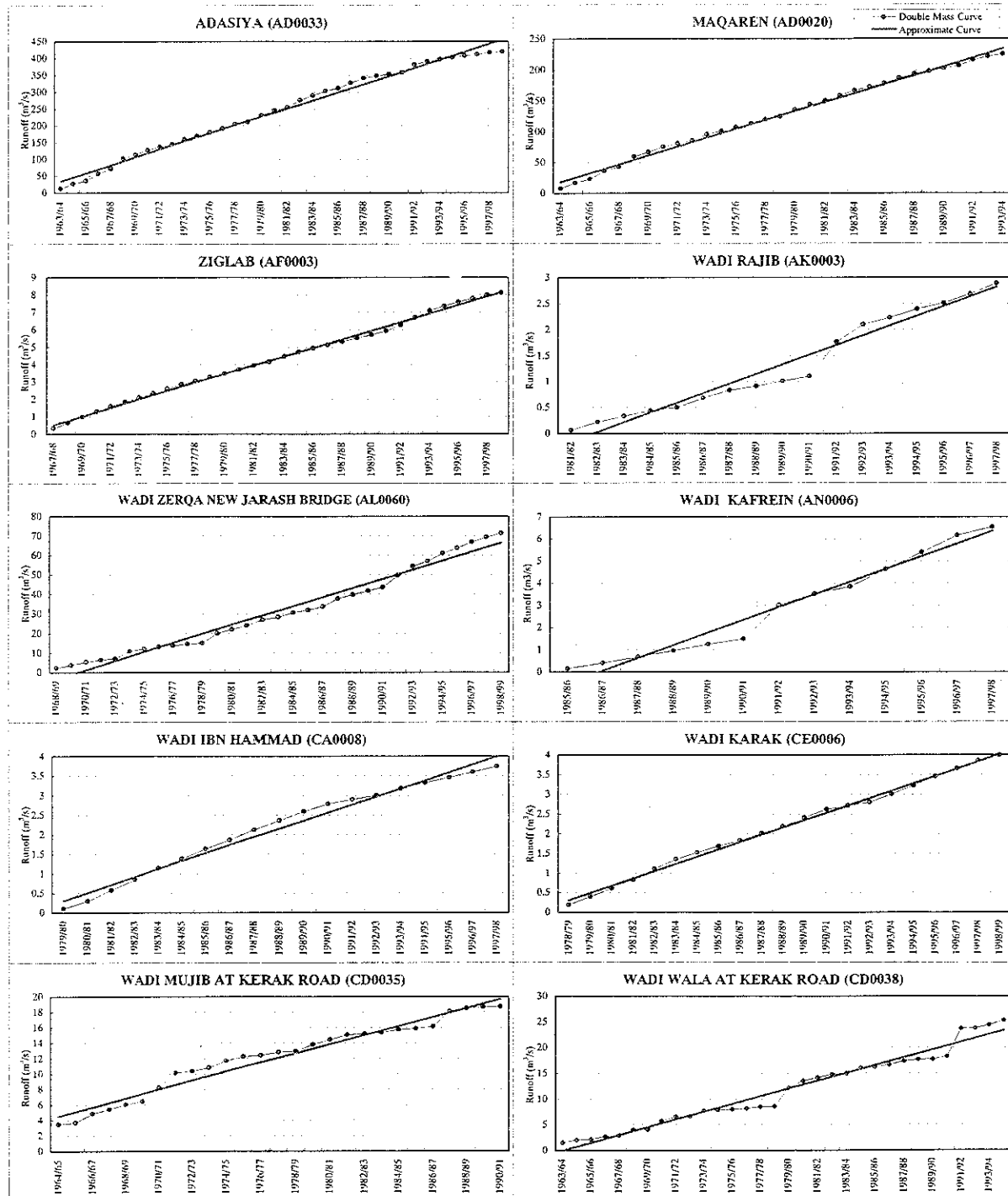


Fig. 2.1.1-18 Double Mass-curves of Annual Runoff at the Representative Gauging Stations

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Table A2.1.1-1(1) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : **Jubeiha** ID No.: **AL0018**

Hydrological Year	Wet Season								Dry Season						Sub-total	Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.			
1937 / 38	0.0	28.2	52.2	152.7	182.0	87.0	0.0	502.1	27.5	0.0	0.0	0.0	0.0	27.5	529.6	
1938 / 39	0.0	157.0	56.0	23.0	125.0	130.0	13.0	504.0	0.0	0.0	0.0	0.0	0.0	0.0	504.0	
1939 / 40	0.5	120.5	32.5	201.0	4.0	52.5	38.0	449.0	0.0	0.0	0.0	0.0	0.0	0.0	449.0	
1940 / 41	8.0	58.0	88.5	116.5	17.5	74.5	10.0	373.0	0.0	0.0	0.0	0.0	0.0	0.0	373.0	
1941 / 42	3.0	30.0	244.0	48.0	90.5	136.5	2.0	554.0	0.0	0.0	0.0	0.0	0.0	0.0	554.0	
1942 / 43	90.2	45.6	17.6	173.1	132.0	172.5	59.0	690.0	0.0	0.0	0.0	0.0	0.0	0.0	690.0	
1943 / 44	0.0	0.0	20.0	214.5	30.5	35.0	24.0	324.0	21.5	0.0	0.0	0.0	0.0	21.5	345.5	
1944 / 45	0.0	156.6	157.8	153.0	166.5	34.0	10.5	678.4	20.5	0.0	0.0	0.0	0.0	20.5	698.9	
1945 / 46	0.0	88.5	79.0	29.0	197.0	38.0	0.0	431.5	26.5	0.0	0.0	0.0	0.0	26.5	458.0	
1946 / 47	0.0	6.5	50.0	129.5	20.0	39.0	10.0	255.0	1.5	0.0	0.0	0.0	0.0	1.5	256.5	
1947 / 48	0.0	54.5	24.0	155.5	127.5	161.0	21.5	544.0	0.0	0.0	0.0	0.0	0.0	0.0	544.0	
1948 / 49	4.0	35.2	87.5	115.0	181.5	200.0	97.5	720.7	0.0	0.0	0.0	0.0	0.0	0.0	720.7	
1949 / 50	0.0	0.0	162.0	134.0	72.0	41.0	10.5	419.5	12.0	0.0	0.0	0.0	0.0	12.0	431.5	
1950 / 51	14.0	11.0	16.0	52.5	126.5	41.0	3.0	264.0	0.0	0.0	0.0	0.0	0.0	0.0	264.0	
1951 / 52	6.0	31.0	305.0	62.5	123.0	109.5	0.0	637.0	0.0	0.0	0.0	0.0	0.0	0.0	637.0	
1952 / 53	10.0	7.0	24.5	82.0	144.0	231.5	3.5	502.5	0.0	0.0	0.0	0.0	0.0	0.0	502.5	
1953 / 54	0.0	155.0	98.0	39.5	154.0	19.5	43.0	509.0	0.0	0.0	0.0	0.0	0.0	0.0	509.0	
1954 / 55	0.0	44.7	116.0	19.3	26.0	30.9	12.1	249.0	0.0	0.0	0.0	0.0	0.0	0.0	249.0	
1955 / 56	0.0	118.3	100.4	115.9	29.6	115.9	19.2	499.3	0.0	0.0	0.0	0.0	0.0	0.0	499.3	
1956 / 57	0.0	19.8	87.9	157.0	128.9	124.5	20.6	538.7	28.6	0.0	0.0	0.0	0.0	28.6	567.3	
1957 / 58	0.0	33.5	106.2	146.7	14.7	5.4	15.0	321.5	0.0	0.0	0.0	0.0	0.0	0.0	321.5	
1958 / 59	0.0	0.0	4.9	103.2	181.6	54.3	10.8	354.8	0.0	0.0	0.0	0.0	0.0	0.0	354.8	
1959 / 60	0.0	14.2	18.3	60.0	15.3	89.6	7.5	204.9	0.0	0.0	0.0	0.0	0.0	0.0	204.9	
1960 / 61	0.0	48.3	32.4	123.9	137.5	20.1	28.1	390.3	6.2	0.0	0.0	0.0	0.0	6.2	396.5	
1961 / 62	5.5	10.2	210.3	150.5	93.8	3.0	11.0	484.3	0.8	0.0	0.0	0.0	0.0	0.8	485.1	
1962 / 63	2.6	0.0	38.5	55.7	144.2	60.1	14.0	315.1	54.1	0.0	0.0	0.0	0.0	54.1	369.2	
1963 / 64	8.6	24.4	204.7	127.7	156.2	79.7	2.0	603.3	3.0	0.0	0.0	0.0	0.0	3.0	606.3	
1964 / 65	0.0	84.9	57.1	139.0	71.8	57.6	59.2	469.6	0.0	0.0	0.0	0.0	0.0	0.0	469.6	
1965 / 66	10.0	21.4	62.6	38.1	68.4	133.3	0.0	333.8	0.0	0.0	0.0	0.0	0.0	0.0	333.8	
1966 / 67	25.8	8.5	222.3	217.4	46.4	202.2	2.4	725.0	0.0	0.0	0.0	0.0	0.0	0.0	725.0	
1967 / 68	12.2	86.1	46.6	170.9	37.4	31.6	23.2	408.0	0.0	0.0	0.0	0.0	0.0	0.0	408.0	
1968 / 69	22.9	21.4	90.7	162.3	35.9	233.8	25.3	592.3	0.0	0.0	0.0	0.0	0.0	0.0	592.3	
1969 / 70	0.0	0.0	0.0	109.4	40.0	143.6	25.8	318.8	0.0	0.0	0.0	0.0	0.0	0.0	318.8	
1970 / 71	0.0	3.6	65.9	33.7	85.0	76.3	268.4	532.9	0.0	0.0	0.0	0.0	0.0	0.0	532.9	
1971 / 72	1.9	26.5	194.9	60.8	79.8	65.3	25.4	454.6	4.7	0.0	0.0	0.0	0.0	4.7	459.3	
1972 / 73	0.6	48.9	5.0	149.0	29.8	80.5	2.0	315.8	2.0	0.0	0.0	0.0	0.0	2.0	317.8	
1973 / 74	0.0	73.0	65.0	312.0	173.7	10.6	36.8	671.1	0.0	0.0	0.0	0.0	0.0	0.0	671.1	
1974 / 75	0.0	41.5	51.3	35.8	211.2	64.0	9.2	413.0	0.0	0.0	0.0	0.0	0.0	0.0	413.0	
1975 / 76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1976 / 77	2.8	42.3	3.5	120.7	54.8	102.8	101.8	428.7	0.0	0.0	0.0	0.0	0.0	0.0	428.7	
1977 / 78	101.0	11.6	159.9	72.5	56.3	130.4	13.0	544.7	0.0	0.0	0.0	0.0	0.0	0.0	544.7	
1978 / 79	7.5	2.8	86.9	83.8	13.6	85.0	3.5	283.1	0.0	0.0	0.0	0.0	0.0	0.0	283.1	
1979 / 80	4.7	174.5	164.7	117.9	130.1	160.0	20.0	771.9	0.0	0.0	0.0	0.0	0.0	0.0	771.9	
1980 / 81	0.0	6.9	244.4	73.5	116.8	100.0	16.3	557.9	0.0	0.0	0.0	0.0	0.0	0.0	557.9	
1981 / 82	0.0	51.8	12.0	113.5	77.4	43.3	16.3	314.3	0.0	0.0	0.0	0.0	0.0	0.0	314.3	
1982 / 83	8.9	68.8	26.1	208.5	186.7	135.2	8.2	642.4	26.0	0.0	0.0	0.0	0.0	26.0	668.4	
1983 / 84	0.0	45.5	8.6	144.5	55.0	179.3	0.0	432.9	0.0	0.0	0.0	0.0	0.0	0.0	432.9	
1984 / 85	0.0	22.3	30.0	44.4	297.4	38.0	0.0	432.1	0.0	0.0	0.0	0.0	0.0	0.0	432.1	
1985 / 86	20.5	10.0	40.0	53.9	126.0	28.0	10.2	288.6	12.5	0.0	0.0	0.0	0.0	12.5	301.1	
1986 / 87	50.0	204.5	83.6	104.1	44.9	72.6	0.0	559.7	0.0	0.0	0.0	0.0	0.0	0.0	559.7	
1987 / 88	20.2	7.0	175.8	89.7	213.0	103.2	16.3	625.2	0.0	0.0	0.0	0.0	0.0	0.0	625.2	
1988 / 89	12.4	27.8	228.2	100.8	56.0	115.2	0.0	540.4	0.0	0.0	0.0	0.0	0.0	0.0	540.4	
1989 / 90	3.5	40.8	29.7	140.5	78.2	82.1	40.0	414.8	0.0	0.0	0.0	0.0	0.0	0.0	414.8	
1990 / 91	5.5	18.9	3.7	199.3	89.0	120.4	14.2	451.0	0.0	0.0	0.0	0.0	0.0	0.0	451.0	
1991 / 92	6.8	83.0	392.7	298.6	306.1	53.1	2.5	1,142.8	8.0	0.0	0.0	0.0	0.0	8.0	1,150.8	
1992 / 93	0.0	97.2	186.1	141.4	84.0	25.0	0.0	533.7	12.7	0.0	0.0	0.0	0.0	12.7	546.4	
1993 / 94	16.0	20.7	25.9	179.5	44.6	82.6	5.8	375.1	0.0	0.0	0.0	0.0	0.0	0.0	375.1	
1994 / 95	16.0	196.0	170.0	13.3	90.2	32.0	15.5	533.0	0.0	0.0	0.0	0.0	0.0	0.0	533.0	
1995 / 96	0.0	36.2	28.9	182.3	21.8	135.7	9.5	414.4	0.0	0.0	0.0	0.0	0.0	0.0	414.4	
1996 / 97	17.7	14.0	51.4	102.4	204.0	95.8	7.0	492.3	5.0	0.0	0.0	0.0	0.0	5.0	497.3	
1997 / 98	11.2	42.7	91.2	110.2	60.5	121.0	1.8	438.6	1.2	0.0	0.0	0.0	0.0	1.2	439.8	
1998 / 99	0.8	0.0	7.5	60.8	116.7	30.0	9.5	225.3	0.0	0.0	0.0	0.0	0.0	0.0	225.3	
1999 / 00	0.7	2.0	14.0	201.3	52.5	74.2	0.8	345.5	0.0	0.0	0.0	0.0	0.0	0.0	345.5	
Max.	101.0	204.5	392.7	312.0	306.1	233.8	268.4	1,142.8	54.1	0.0	0.0	0.0	0.0	54.1	1,150.8	
Min.	0.0	0.0	0.0	13.3	4.0	3.0	0.0	204.9	0.0	0.0	0.0	0.0	0.0	0.0	204.9	
Mean	8.6	47.4	89.7	118.2	101.2	87.6	20.6	473.3	4.4	0.0	0.0	0.0	0.0	4.4	477.7	
Note: "-" data not available. Source: WIS database of MWI														Std. Dev.	158.5	

Note: "-" data not available. Source: WIS database of MWI.

Table A2.1.1-1(2) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Amman Airport		ID No.: AL0019													
Hydrological	Wet Season								Dry Season						Annual
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1937 / 38	4.6	14.0	1.1	97.0	132.8	66.4	1.3	317.2	24.1	0.0	0.0	0.0	0.0	24.1	341.3
1938 / 39	0.2	121.5	28.2	24.8	79.4	84.8	4.3	343.2	0.0	0.0	0.0	0.0	0.0	0.0	343.2
1939 / 40	3.3	71.8	20.4	124.1	5.2	30.0	31.4	286.2	0.0	0.0	0.0	0.0	0.0	0.0	286.2
1940 / 41	8.4	42.7	59.0	61.6	22.4	24.0	6.2	224.3	0.0	0.0	0.0	0.0	0.0	0.0	224.3
1941 / 42	2.2	3.5	155.1	56.9	86.6	96.9	0.3	401.5	0.0	0.0	0.0	0.0	0.0	0.0	401.5
1942 / 43	54.6	27.8	18.6	105.4	50.5	86.7	34.3	377.9	2.3	0.0	0.0	0.0	0.0	2.3	380.2
1943 / 44	4.5	0.6	18.2	141.7	12.6	20.2	11.7	209.5	13.0	0.0	0.0	0.0	0.0	13.0	222.5
1944 / 45	0.0	136.8	94.0	100.2	105.5	19.3	4.6	460.4	19.6	0.0	0.0	0.0	0.0	19.6	480.0
1945 / 46	0.0	33.7	60.4	15.3	120.3	26.1	0.9	256.7	30.6	0.0	0.0	0.0	0.0	30.6	287.3
1946 / 47	0.2	3.5	29.2	65.0	8.2	21.0	8.6	135.7	1.4	0.0	0.0	0.0	0.0	1.4	137.1
1947 / 48	0.0	22.2	21.0	92.8	69.1	76.1	12.8	294.0	1.3	0.0	0.0	0.0	0.0	1.3	295.3
1948 / 49	2.1	12.4	44.3	74.9	123.9	116.0	52.5	426.1	2.0	0.0	0.0	0.0	0.0	2.0	428.1
1949 / 50	0.0	0.0	92.3	74.1	77.3	31.5	11.5	286.7	15.4	0.0	0.0	0.0	0.0	15.4	302.1
1950 / 51	0.0	16.7	8.2	28.1	60.3	15.4	0.3	129.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0
1951 / 52	0.9	19.9	179.8	35.6	79.7	46.9	0.1	363.2	0.0	0.0	0.0	0.0	0.0	0.0	363.2
1952 / 53	8.5	3.9	12.3	29.3	81.3	168.5	1.8	305.6	0.0	0.0	0.0	0.0	0.0	0.0	305.6
1953 / 54	1.5	91.2	60.5	17.7	90.3	12.8	16.2	290.2	0.0	0.0	0.0	0.0	0.0	0.0	290.2
1954 / 55	3.2	37.1	67.5	13.7	15.8	17.4	4.5	159.2	0.0	0.0	0.0	0.0	0.0	0.0	159.2
1955 / 56	0.4	91.0	62.0	67.1	16.2	68.2	24.4	329.3	2.4	0.0	0.0	0.0	0.0	2.4	331.7
1956 / 57	0.0	2.4	37.1	101.3	93.1	96.0	7.5	337.4	21.0	0.0	0.0	0.0	0.0	21.0	358.4
1957 / 58	0.0	21.4	64.0	107.0	15.6	2.7	8.9	219.6	0.0	0.0	0.0	0.0	0.0	0.0	219.6
1958 / 59	1.0	0.0	0.4	67.3	99.1	34.1	3.1	205.0	0.8	0.0	0.0	0.0	0.0	0.8	205.8
1959 / 60	0.0	6.2	11.5	30.7	8.0	42.5	5.3	104.2	0.2	0.0	0.0	0.0	0.0	0.2	104.4
1960 / 61	0.0	41.1	17.6	86.9	80.2	10.5	8.4	244.7	4.3	0.0	0.0	0.0	0.0	4.3	249.0
1961 / 62	1.8	14.5	130.9	31.7	63.8	0.0	4.2	246.9	0.0	0.0	0.0	0.0	0.0	0.0	246.9
1962 / 63	4.8	0.0	20.3	6.9	59.0	13.1	13.3	117.4	23.3	0.0	0.0	0.0	0.0	23.3	140.7
1963 / 64	22.1	24.1	107.7	67.5	76.5	38.0	4.2	340.1	1.1	0.0	0.0	0.0	0.0	1.1	341.2
1964 / 65	0.0	39.8	30.4	98.3	34.1	25.0	44.7	272.3	0.0	0.0	0.0	0.0	0.0	0.0	272.3
1965 / 66	12.9	18.6	34.6	21.5	20.2	110.0	0.1	217.9	0.0	0.0	0.0	0.0	0.0	0.0	217.9
1966 / 67	20.2	31.2	121.8	106.3	25.9	156.2	0.0	461.6	0.3	0.0	0.0	0.0	0.0	0.3	461.9
1967 / 68	11.1	28.4	42.7	123.3	25.4	11.3	7.0	249.2	5.2	0.0	0.0	0.0	0.0	5.2	254.4
1968 / 69	1.6	13.6	55.4	73.6	17.4	144.3	16.9	322.8	0.0	0.0	0.0	0.0	0.0	0.0	322.8
1969 / 70	18.2	13.1	10.5	45.5	24.8	53.5	10.5	176.1	0.0	0.0	0.0	0.0	0.0	0.0	176.1
1970 / 71	1.5	5.2	37.4	18.4	34.7	51.1	145.6	293.9	0.0	0.0	0.0	0.0	0.0	0.0	293.9
1971 / 72	0.0	13.9	122.5	32.7	53.7	38.5	43.7	305.0	6.6	0.0	0.0	0.0	0.0	6.6	311.6
1972 / 73	0.0	31.1	6.0	107.5	17.9	31.4	1.2	195.1	0.0	0.0	0.0	0.0	0.0	0.0	195.1
1973 / 74	0.4	49.9	31.7	235.2	98.9	12.3	19.5	447.9	0.0	0.0	0.0	0.0	0.0	0.0	447.9
1974 / 75	0.0	34.1	24.7	17.5	125.7	33.2	5.1	240.3	0.0	0.0	0.0	0.0	0.0	0.0	240.3
1975 / 76	0.0	21.3	23.7	29.2	42.9	68.6	9.3	195.0	0.0	0.0	0.0	0.0	0.0	0.0	195.0
1976 / 77	1.1	10.5	1.0	43.4	24.3	52.5	57.6	190.4	0.0	0.0	0.0	0.0	0.0	0.0	190.4
1977 / 78	28.2	6.4	73.3	41.3	27.2	66.7	5.5	248.6	0.0	0.0	0.0	0.0	0.0	0.0	248.6
1978 / 79	1.9	1.4	42.6	42.0	7.1	35.3	0.6	130.9	3.3	0.0	0.0	0.0	0.0	3.3	134.2
1979 / 80	35.0	133.2	87.9	77.3	76.4	77.8	16.2	503.8	0.2	0.0	0.0	0.0	0.0	0.2	504.0
1980 / 81	2.0	7.3	175.0	48.2	37.0	20.5	11.1	301.1	0.0	0.0	0.0	0.0	0.0	0.0	301.1
1981 / 82	0.0	23.9	0.8	57.9	56.4	43.3	12.6	194.9	0.0	0.0	0.0	0.0	0.0	0.0	194.9
1982 / 83	10.2	23.6	18.6	118.6	200.6	46.1	3.1	420.8	1.2	0.0	0.0	0.0	0.0	1.2	422.0
1983 / 84	0.0	23.8	3.7	62.0	25.8	78.5	6.4	200.2	0.0	0.0	0.0	0.0	0.0	0.0	200.2
1984 / 85	15.5	15.1	30.5	25.3	148.4	42.3	2.4	279.5	0.0	0.0	0.0	0.0	0.0	0.0	279.5
1985 / 86	0.0	5.1	27.3	0.0	62.6	6.2	0.0	101.2	7.8	0.0	0.0	0.0	0.0	7.8	109.0
1986 / 87	38.8	102.3	20.9	46.4	16.4	39.4	0.0	264.2	0.0	0.0	0.0	0.0	0.0	0.0	264.2
1987 / 88	33.2	4.0	69.2	50.1	126.3	63.4	13.1	359.3	0.0	0.0	0.0	0.0	0.0	0.0	359.3
1988 / 89	8.0	14.6	123.6	43.7	22.0	31.8	0.0	243.7	0.0	0.0	0.0	0.0	0.0	0.0	243.7
1989 / 90	0.0	0.0	13.9	0.0	55.2	65.9	21.2	156.2	0.0	0.0	0.0	0.0	0.0	0.0	156.2
1990 / 91	1.8	3.7	2.5	90.9	47.2	43.5	6.2	195.8	2.1	0.0	0.0	0.0	0.0	2.1	197.9
1991 / 92	4.7	35.0	166.4	112.1	200.0	15.7	0.0	533.9	6.0	0.0	0.0	0.0	0.0	6.0	539.9
1992 / 93	0.0	39.6	71.5	67.5	49.5	17.1	0.0	245.2	11.6	0.0	0.0	0.0	0.0	11.6	256.8
1993 / 94	0.0	22.1	16.8	74.3	17.6	29.0	0.7	160.5	0.0	0.0	0.0	0.0	0.0	0.0	160.5
1994 / 95	12.6	97.3	99.5	1.7	36.2	27.3	4.2	278.8	0.0	0.0	0.0	0.0	0.0	0.0	278.8
1995 / 96	0.0	1.8	0.0	81.3	18.4	66.9	9.8	178.2	0.0	0.0	0.0	0.0	0.0	0.0	178.2
1996 / 97	0.7	32.1	28.2	66.1	82.4	54.8	3.6	267.9	0.8	0.0	0.0	0.0	0.0	0.8	268.7
1997 / 98	16.5	10.7	59.4	60.8	34.0	75.0	1.9	258.3	0.3	0.0	0.0	0.0	0.0	0.3	258.6
1998 / 99	0.4	0.7	3.6	29.2	57.7	11.7	3.9	107.2	0.0	0.0	0.0	0.0	0.0	0.0	107.2
Max.	54.6	136.8	179.8	235.2	200.6	168.5	145.6	533.9	30.6	0.0	0.0	0.0	0.0	30.6	539.9
Min.	0.0	0.0	0.0	0.0	5.2	0.0	0.0	101.2	0.0	0.0	0.0	0.0	0.0	0.0	104.4
Mean	6.5	28.6	50.0	62.5	59.4	48.6	12.4	267.9	3.4	0.0	0.0	0.0	0.0	3.4	271.2
Source: WIS database of MWI.														Std. Dev.	100.7

Table A2.1.1-1(3) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Amman Hussein College									ID No.: AL0022						
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1950 / 51	9.0	6.4	12.0	34.0	91.9	22.9	0.0	176.2	0.0	0.0	0.0	0.0	0.0	0.0	176.2
1951 / 52	0.0	16.5	203.1	37.6	91.0	71.3	0.0	419.5	0.0	0.0	0.0	0.0	0.0	0.0	419.5
1952 / 53	0.0	2.4	10.7	46.1	103.7	197.0	2.2	362.1	0.0	0.0	0.0	0.0	0.0	0.0	362.1
1953 / 54	0.0	117.7	74.3	25.3	114.6	11.5	19.8	363.2	0.0	0.0	0.0	0.0	0.0	0.0	363.2
1954 / 55	0.0	40.7	81.4	14.7	18.0	19.2	5.5	179.5	0.0	0.0	0.0	0.0	0.0	0.0	179.5
1955 / 56	0.0	79.6	69.8	75.7	14.6	99.9	18.6	358.2	0.0	0.0	0.0	0.0	0.0	0.0	358.2
1956 / 57	0.0	3.7	73.3	93.2	101.2	87.1	17.4	375.9	18.4	0.0	0.0	0.0	0.0	18.4	394.3
1957 / 58	0.0	24.8	99.0	110.8	9.3	2.5	2.3	248.7	0.4	0.0	0.0	0.0	0.0	0.4	249.1
1958 / 59	0.0	0.0	0.1	69.8	117.5	43.1	0.0	230.5	0.0	0.0	0.0	0.0	0.0	0.0	230.5
1959 / 60	0.0	9.5	23.8	45.0	8.4	48.7	7.5	142.9	0.0	0.0	0.0	0.0	0.0	0.0	142.9
1960 / 61	0.0	47.0	13.3	97.9	129.3	16.8	14.0	318.3	2.0	0.0	0.0	0.0	0.0	2.0	320.3
1961 / 62	3.6	7.4	173.6	52.8	81.5	0.0	4.5	323.4	0.0	0.0	0.0	0.0	0.0	0.0	323.4
1962 / 63	2.7	0.0	28.1	13.4	78.7	43.0	18.5	184.4	26.0	0.0	0.0	0.0	0.0	26.0	210.4
1963 / 64	19.0	20.0	157.4	80.0	101.7	51.8	4.5	434.4	3.4	0.0	0.0	0.0	0.0	3.4	437.8
1964 / 65	0.0	59.4	38.4	125.2	39.0	50.5	48.1	360.6	0.0	0.0	0.0	0.0	0.0	0.0	360.6
1965 / 66	3.0	17.4	29.7	22.0	22.9	62.6	0.0	157.6	0.0	0.0	0.0	0.0	0.0	0.0	157.6
1966 / 67	13.0	17.2	195.4	184.4	35.8	203.8	1.5	651.1	0.0	0.0	0.0	0.0	0.0	0.0	651.1
1967 / 68	12.5	50.2	53.1	183.2	19.9	16.0	9.4	344.3	3.3	0.0	0.0	0.0	0.0	3.3	347.6
1968 / 69	0.8	14.0	94.9	147.1	34.5	237.0	16.3	544.6	0.0	0.0	0.0	0.0	0.0	0.0	544.6
1969 / 70	12.6	13.2	14.4	87.1	40.7	113.3	13.5	294.8	0.0	0.0	0.0	0.0	0.0	0.0	294.8
1970 / 71	3.9	10.2	73.2	41.2	66.0	80.3	268.6	543.4	0.0	0.0	0.0	0.0	0.0	0.0	543.4
1971 / 72	0.0	24.4	181.1	51.7	80.0	48.4	32.8	418.4	12.2	0.0	0.0	0.0	0.0	12.2	430.6
1972 / 73	0.2	40.7	8.3	149.8	33.1	58.7	1.1	291.9	0.0	0.0	0.0	0.0	0.0	0.0	291.9
1973 / 74	0.0	75.3	41.8	355.0	152.4	20.2	30.6	675.3	0.0	0.0	0.0	0.0	0.0	0.0	675.3
1974 / 75	0.0	49.6	41.4	28.5	216.1	58.8	5.5	399.9	0.0	0.0	0.0	0.0	0.0	0.0	399.9
1975 / 76	0.0	33.6	45.8	46.1	78.9	96.0	14.7	315.1	0.0	0.0	0.0	0.0	0.0	0.0	315.1
1976 / 77	2.9	29.2	1.4	99.4	47.5	79.3	90.5	350.2	0.0	0.0	0.0	0.0	0.0	0.0	350.2
1977 / 78	38.8	5.5	136.1	62.0	50.2	113.6	12.3	418.5	0.0	0.0	0.0	0.0	0.0	0.0	418.5
1978 / 79	2.1	2.6	80.3	60.9	12.0	71.5	3.1	232.5	0.0	0.0	0.0	0.0	0.0	0.0	232.5
1979 / 80	26.1	135.2	108.0	87.1	163.2	132.9	18.6	671.1	0.0	0.0	0.0	0.0	0.0	0.0	671.1
1980 / 81	0.0	7.9	225.5	83.8	54.4	22.7	19.1	413.4	0.0	0.0	0.0	0.0	0.0	0.0	413.4
1981 / 82	0.0	50.4	4.4	67.7	153.7	115.8	2.3	394.3	68.2	0.0	0.0	0.0	0.0	68.2	462.5
1982 / 83	1.4	30.5	31.6	203.2	181.3	142.0	3.5	593.5	0.0	0.0	0.0	0.0	0.0	0.0	593.5
1983 / 84	0.0	37.0	2.7	119.6	59.5	14.0	0.0	232.8	0.0	0.0	0.0	0.0	0.0	0.0	232.8
1984 / 85	15.0	22.9	65.7	12.2	282.6	27.7	12.2	438.3	1.1	0.0	0.0	0.0	0.0	1.1	439.4
1985 / 86	1.2	7.0	35.3	34.6	83.8	11.5	3.4	176.8	10.1	0.0	0.0	0.0	0.0	10.1	186.9
1986 / 87	35.0	157.6	59.6	57.6	20.3	50.1	0.0	380.2	0.0	0.0	0.0	0.0	0.0	0.0	380.2
1987 / 88	26.9	5.0	123.1	76.1	201.3	88.2	13.5	534.1	0.0	0.0	0.0	0.0	0.0	0.0	534.1
1988 / 89	6.4	24.5	134.6	55.8	28.1	64.5	0.0	313.9	0.0	0.0	0.0	0.0	0.0	0.0	313.9
1989 / 90	0.5	17.2	18.8	115.0	1.9	77.6	34.0	265.0	0.0	0.0	0.0	0.0	0.0	0.0	265.0
1990 / 91	5.0	8.5	2.5	121.8	105.8	103.4	4.6	351.6	3.4	0.0	0.0	0.0	0.0	3.4	355.0
1991 / 92	16.4	57.5	305.9	102.5	390.4	28.6	3.5	904.8	3.5	0.0	0.0	0.0	0.0	3.5	908.3
1992 / 93	0.0	73.5	119.2	120.7	79.7	26.6	0.0	419.7	13.4	0.0	0.0	0.0	0.0	13.4	433.1
1993 / 94	12.0	32.6	20.0	147.4	44.5	66.8	1.3	324.6	0.0	0.0	0.0	0.0	0.0	0.0	324.6
1994 / 95	8.9	129.7	146.0	5.0	55.5	39.6	8.0	392.7	0.0	0.0	0.0	0.0	0.0	0.0	392.7
1995 / 96	0.0	31.0	18.5	141.9	17.0	113.3	10.5	332.2	0.0	0.0	0.0	0.0	0.0	0.0	332.2
1996 / 97	7.7	12.5	35.8	104.0	140.0	86.0	2.0	388.0	0.5	0.0	0.0	0.0	0.0	0.5	388.5
1997 / 98	8.0	17.0	90.5	58.0	51.3	165.7	0.0	390.5	0.0	0.0	0.0	0.0	0.0	0.0	390.5
1998 / 99	0.5	0.0	2.8	54.0	89.0	25.9	4.0	176.2	0.0	0.0	0.0	0.0	0.0	0.0	176.2
Max.	38.8	157.6	305.9	355.0	390.4	237.0	268.6	904.8	68.2	0.0	0.0	0.0	0.0	68.2	908.3
Min.	0.0	0.0	0.1	5.0	1.9	0.0	0.0	142.9	0.0	0.0	0.0	0.0	0.0	0.0	142.9
Mean	6.0	34.2	73.6	85.9	85.6	70.0	16.4	371.6	3.4	0.0	0.0	0.0	0.0	3.4	375.0
Source: WIS database of MWI.														Std. Dev.	149.9

Table A2.1.1-1(4) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Wadi Es-Sir		ID No.: AN0002													
Hydrological	Wet Season								Dry Season						Annual
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1942 / 43	63.0	35.5	12.8	234.5	110.0	116.0	43.0	614.8	10.0	0.0	0.0	0.0	0.0	10.0	624.8
1943 / 44	1.6	0.0	39.2	253.1	22.5	26.5	25.2	368.1	0.0	0.0	0.0	0.0	0.0	0.0	368.1
1944 / 45	0.0	205.4	147.9	151.4	143.5	30.2	17.9	696.3	57.8	0.0	0.0	0.0	0.0	57.8	754.1
1945 / 46	0.0	127.0	95.5	30.3	135.3	31.1	20.0	439.2	0.0	0.0	0.0	0.0	0.0	0.0	439.2
1946 / 47	0.6	1.2	74.8	124.2	24.0	68.5	7.0	300.3	0.0	0.0	0.0	0.0	0.0	0.0	300.3
1947 / 48	0.0	36.5	28.0	162.2	115.4	168.7	4.5	515.3	1.3	0.0	0.0	0.0	0.0	1.3	516.6
1948 / 49	2.8	32.8	107.9	145.9	172.2	199.6	97.0	758.2	0.0	0.0	0.0	0.0	0.0	0.0	758.2
1949 / 50	0.0	0.0	196.9	175.8	93.2	23.5	14.5	503.9	32.5	0.0	0.0	0.0	0.0	32.5	536.4
1950 / 51	13.0	1.8	11.4	45.1	77.4	49.4	6.9	205.0	0.0	0.0	0.0	0.0	0.0	0.0	205.0
1951 / 52	0.0	31.1	332.9	92.5	106.0	111.5	0.0	674.0	0.0	0.0	0.0	0.0	0.0	0.0	674.0
1952 / 53	2.5	3.8	13.3	93.9	142.5	229.1	5.1	490.2	0.0	0.0	0.0	0.0	0.0	0.0	490.2
1953 / 54	0.0	163.8	121.7	63.3	171.4	17.4	47.8	585.4	0.0	0.0	0.0	0.0	0.0	0.0	585.4
1954 / 55	0.0	54.0	150.9	14.0	8.0	38.7	11.5	277.1	2.0	0.0	0.0	0.0	0.0	2.0	279.1
1955 / 56	0.3	103.1	139.5	146.4	22.8	139.6	30.6	582.3	0.0	0.0	0.0	0.0	0.0	0.0	582.3
1956 / 57	0.0	20.3	105.9	197.5	144.4	146.2	40.1	654.4	21.2	0.0	0.0	0.0	0.0	21.2	675.6
1957 / 58	0.0	29.3	133.4	166.9	18.5	2.5	15.0	365.6	0.3	0.0	0.0	0.0	0.0	0.3	365.9
1958 / 59	2.3	0.0	4.2	109.1	189.4	72.3	1.5	378.8	4.2	0.0	0.0	0.0	0.0	4.2	383.0
1959 / 60	0.0	18.2	25.1	81.6	14.1	94.5	11.0	244.5	0.0	0.0	0.0	0.0	0.0	0.0	244.5
1960 / 61	0.0	78.2	32.8	140.6	205.4	5.7	12.2	474.9	0.0	0.0	0.0	0.0	0.0	0.0	474.9
1961 / 62	1.5	12.1	255.5	71.4	54.6	0.0	13.6	408.7	0.0	0.0	0.0	0.0	0.0	0.0	408.7
1962 / 63	5.0	0.0	40.9	38.4	131.7	55.4	19.1	290.5	43.0	0.0	0.0	0.0	0.0	43.0	333.5
1963 / 64	15.1	45.4	228.8	111.9	115.7	87.4	7.6	611.9	1.6	0.0	0.0	0.0	0.0	1.6	613.5
1964 / 65	0.0	110.7	73.4	324.5	67.0	67.2	59.0	701.8	0.0	0.0	0.0	0.0	0.0	0.0	701.8
1965 / 66	38.8	23.7	76.8	51.8	64.9	149.9	0.0	405.9	0.0	0.0	0.0	0.0	0.0	0.0	405.9
1966 / 67	39.2	3.0	243.8	226.1	66.8	244.8	3.0	826.7	0.0	0.0	0.0	0.0	0.0	0.0	826.7
1967 / 68	26.0	79.0	76.0	223.9	64.4	11.5	17.0	497.8	2.6	0.0	0.0	0.0	0.0	2.6	500.4
1968 / 69	8.0	27.0	168.4	167.3	39.7	334.8	14.5	759.7	0.0	0.0	0.0	0.0	0.0	0.0	759.7
1969 / 70	13.4	18.3	20.5	159.2	38.8	163.9	26.4	440.5	0.0	0.0	0.0	0.0	0.0	0.0	440.5
1970 / 71	0.0	0.0	56.3	52.4	99.3	85.8	332.1	625.9	0.0	0.0	0.0	0.0	0.0	0.0	625.9
1971 / 72	0.0	51.3	231.6	97.0	98.7	95.3	44.9	618.8	0.0	0.0	0.0	0.0	0.0	0.0	618.8
1972 / 73	0.0	71.2	16.8	209.8	44.6	75.9	3.1	421.4	0.0	0.0	0.0	0.0	0.0	0.0	421.4
1973 / 74	12.2	114.2	44.2	388.2	211.4	38.3	53.2	861.7	0.0	0.0	0.0	0.0	0.0	0.0	861.7
1974 / 75	0.0	63.9	70.2	45.9	218.7	76.4	11.2	486.3	0.0	0.0	0.0	0.0	0.0	0.0	486.3
1975 / 76	0.0	23.8	86.5	94.3	126.5	110.1	21.8	463.0	5.8	0.0	0.0	0.0	0.0	5.8	468.8
1976 / 77	3.8	65.2	12.2	186.2	58.4	115.2	117.4	558.4	0.0	0.0	0.0	0.0	0.0	0.0	558.4
1977 / 78	38.9	4.4	213.4	112.7	61.0	122.2	15.0	567.6	0.0	0.0	0.0	0.0	0.0	0.0	567.6
1978 / 79	10.2	27.2	132.6	137.4	19.2	115.7	5.0	447.3	0.0	0.0	0.0	0.0	0.0	0.0	447.3
1979 / 80	40.5	228.8	231.0	144.6	161.9	136.8	16.5	960.1	0.0	0.0	0.0	0.0	0.0	0.0	960.1
1980 / 81	0.5	17.2	309.6	141.7	71.8	78.4	25.5	644.7	0.0	0.0	0.0	0.0	0.0	0.0	644.7
1981 / 82	0.0	54.8	14.5	139.2	127.2	103.7	13.9	453.3	12.5	0.0	0.0	0.0	0.0	12.5	465.8
1982 / 83	0.0	50.3	30.8	187.9	224.3	163.1	9.5	665.9	2.0	0.0	0.0	0.0	0.0	2.0	667.9
1983 / 84	0.0	21.4	0.8	139.0	47.5	132.0	48.5	389.2	0.0	0.0	0.0	0.0	0.0	0.0	389.2
1984 / 85	15.7	18.2	46.5	36.0	315.0	49.0	16.0	496.4	0.0	0.0	0.0	0.0	0.0	0.0	496.4
1985 / 86	21.4	10.5	59.3	38.0	125.0	19.5	26.2	299.9	15.1	0.0	0.0	0.0	0.0	15.1	315.0
1986 / 87	61.0	230.5	94.0	127.8	34.5	64.0	0.0	611.8	0.0	0.0	0.0	0.0	0.0	0.0	611.8
1987 / 88	41.5	5.0	195.1	94.4	276.3	78.3	11.8	702.4	0.0	0.0	0.0	0.0	0.0	0.0	702.4
1988 / 89	18.4	19.6	199.9	31.0	59.0	125.0	0.0	452.9	0.0	0.0	0.0	0.0	0.0	0.0	452.9
1989 / 90	0.0	0.0	81.5	148.0	71.4	58.8	68.0	427.7	0.0	0.0	0.0	0.0	0.0	0.0	427.7
1990 / 91	10.4	14.0	2.2	144.1	73.6	177.0	6.8	428.1	6.5	0.0	0.0	0.0	0.0	6.5	434.6
1991 / 92	6.6	87.1	399.8	227.2	380.7	62.6	2.0	1,166.0	10.8	0.0	0.0	0.0	0.0	10.8	1,176.8
1992 / 93	0.0	95.7	201.3	108.3	163.0	31.7	0.0	600.0	8.3	0.0	0.0	0.0	0.0	8.3	608.3
1993 / 94	0.0	0.0	25.2	133.6	94.2	65.5	1.0	319.5	0.0	0.0	0.0	0.0	0.0	0.0	319.5
1994 / 95	35.0	227.6	172.2	16.0	56.5	29.8	17.2	554.3	0.0	0.0	0.0	0.0	0.0	0.0	554.3
1995 / 96	0.0	26.9	30.2	183.9	23.9	146.5	12.5	423.9	0.0	0.0	0.0	0.0	0.0	0.0	423.9
1996 / 97	18.7	7.3	62.1	146.3	164.2	105.4	7.7	511.7	0.0	0.0	0.0	0.0	0.0	0.0	511.7
1997 / 98	5.6	12.3	124.4	141.1	54.2	120.1	0.0	457.7	0.0	0.0	0.0	0.0	0.0	0.0	457.7
1998 / 99	1.2	0.0	5.7	76.0	127.1	27.8	8.7	246.5	0.0	0.0	0.0	0.0	0.0	0.0	246.5
Max.	63.0	230.5	399.8	388.2	380.7	334.8	332.1	1,166.0	57.8	0.0	0.0	0.0	0.0	57.8	1,176.8
Min.	0.0	0.0	0.8	14.0	8.0	0.0	0.0	205.0	0.0	0.0	0.0	0.0	0.0	0.0	205.0
Mean	10.1	49.3	107.2	132.1	107.9	92.9	25.7	525.2	4.2	0.0	0.0	0.0	0.0	4.2	529.3
Source: WIS database of MWI.														Std. Dev.	181.4

Table A2.1.1-1(5) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Na'ur		ID No.: AN0003													
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1942 / 43	60.2	33.0	26.0	149.0	112.0	125.0	40.0	545.2	0.0	0.0	0.0	0.0	0.0	0.0	545.2
1943 / 44	0.0	0.0	23.0	220.0	19.0	22.2	21.0	305.2	0.0	0.0	0.0	0.0	0.0	0.0	305.2
1944 / 45	0.0	246.6	163.1	148.1	183.4	41.9	19.8	802.9	0.0	0.0	0.0	0.0	0.0	0.0	802.9
1945 / 46	0.0	139.9	99.1	44.3	188.0	33.0	0.0	504.3	0.0	0.0	0.0	0.0	0.0	0.0	504.3
1946 / 47	0.0	0.0	78.0	125.0	25.5	70.6	9.0	308.1	0.0	0.0	0.0	0.0	0.0	0.0	308.1
1947 / 48	0.0	78.4	28.7	177.6	101.3	164.0	21.0	571.0	0.0	0.0	0.0	0.0	0.0	0.0	571.0
1948 / 49	0.0	40.8	87.6	140.6	181.8	201.3	105.1	757.2	0.0	0.0	0.0	0.0	0.0	0.0	757.2
1949 / 50	0.0	0.0	164.5	198.0	177.0	20.0	10.5	570.0	34.0	0.0	0.0	0.0	0.0	34.0	604.0
1950 / 51	14.0	7.8	10.5	28.7	84.5	29.5	3.7	178.7	0.5	0.0	0.0	0.0	0.0	0.5	179.2
1951 / 52	0.0	15.3	257.0	101.4	99.3	107.2	1.5	581.7	0.0	0.0	0.0	0.0	0.0	0.0	581.7
1952 / 53	2.5	11.1	18.0	73.1	132.4	165.2	13.3	415.6	0.0	0.0	0.0	0.0	0.0	0.0	415.6
1953 / 54	0.0	189.9	145.1	64.8	170.7	23.6	44.7	638.8	0.0	0.0	0.0	0.0	0.0	0.0	638.8
1954 / 55	0.0	78.8	137.3	18.4	32.8	31.9	11.6	310.8	1.8	0.0	0.0	0.0	0.0	1.8	312.6
1955 / 56	0.0	127.9	151.2	159.8	25.7	143.8	30.5	638.9	0.0	0.0	0.0	0.0	0.0	0.0	638.9
1956 / 57	0.0	28.6	81.1	118.5	191.1	154.5	30.0	603.8	17.5	0.0	0.0	0.0	0.0	17.5	621.3
1957 / 58	5.0	30.7	97.8	156.5	17.0	0.0	19.0	326.0	0.0	0.0	0.0	0.0	0.0	0.0	326.0
1958 / 59	5.0	3.1	11.9	99.0	213.6	93.6	1.3	427.5	2.6	0.0	0.0	0.0	0.0	2.6	430.1
1959 / 60	0.0	21.0	29.0	61.6	16.0	112.0	14.0	253.6	0.0	0.0	0.0	0.0	0.0	0.0	253.6
1960 / 61	0.0	2.0	35.6	145.0	175.0	30.5	49.0	437.1	4.0	0.0	0.0	0.0	0.0	4.0	441.1
1961 / 62	4.0	12.5	243.6	75.0	102.5	0.0	7.5	445.1	0.0	0.0	0.0	0.0	0.0	0.0	445.1
1962 / 63	1.5	0.0	20.5	15.6	50.1	25.0	8.0	120.7	11.0	0.0	0.0	0.0	0.0	11.0	131.7
1963 / 64	18.5	29.0	259.0	61.5	141.5	92.5	7.0	609.0	1.5	0.0	0.0	0.0	0.0	1.5	610.5
1964 / 65	0.0	105.5	45.7	205.2	56.8	74.1	74.7	562.0	0.0	0.0	0.0	0.0	0.0	0.0	562.0
1965 / 66	57.3	27.5	57.5	52.0	63.0	124.0	0.0	381.3	0.0	0.0	0.0	0.0	0.0	0.0	381.3
1966 / 67	111.0	2.7	180.6	238.2	59.4	208.3	3.0	803.2	0.3	0.0	0.0	0.0	0.0	0.3	803.5
1967 / 68	9.0	73.6	57.4	202.1	55.5	22.0	16.2	435.8	5.7	0.0	0.0	0.0	0.0	5.7	441.5
1968 / 69	12.5	28.5	117.0	142.0	43.0	240.0	16.0	599.0	0.0	0.0	0.0	0.0	0.0	0.0	599.0
1969 / 70	12.5	16.0	33.0	126.0	44.0	150.0	26.0	407.5	0.0	0.0	0.0	0.0	0.0	0.0	407.5
1970 / 71	8.0	11.5	96.8	62.5	61.5	85.5	252.0	577.8	0.0	0.0	0.0	0.0	0.0	0.0	577.8
1971 / 72	0.0	56.0	229.5	74.0	91.0	95.0	36.5	582.0	8.0	0.0	0.0	0.0	0.0	8.0	590.0
1972 / 73	0.0	52.5	20.5	163.0	27.0	88.1	1.1	352.2	0.0	0.0	0.0	0.0	0.0	0.0	352.2
1973 / 74	2.0	85.5	28.4	395.2	132.7	30.7	67.5	742.0	0.0	0.0	0.0	0.0	0.0	0.0	742.0
1974 / 75	0.0	50.0	60.9	39.0	179.0	57.0	10.5	396.4	0.0	0.0	0.0	0.0	0.0	0.0	396.4
1975 / 76	2.5	50.5	65.5	66.5	105.8	83.0	23.0	396.8	5.0	0.0	0.0	0.0	0.0	5.0	401.8
1976 / 77	0.0	39.8	6.0	124.9	65.6	86.0	83.8	406.1	0.0	0.0	0.0	0.0	0.0	0.0	406.1
1977 / 78	56.7	5.2	100.5	77.0	49.0	112.6	10.0	411.0	0.0	0.0	0.0	0.0	0.0	0.0	411.0
1978 / 79	18.0	5.0	105.0	110.0	14.2	87.2	3.2	342.6	0.0	0.0	0.0	0.0	0.0	0.0	342.6
1979 / 80	19.0	212.0	207.0	104.5	123.4	117.0	23.0	805.9	0.0	0.0	0.0	0.0	0.0	0.0	805.9
1980 / 81	1.5	1.0	273.0	126.0	72.5	61.0	0.0	535.0	0.0	0.0	0.0	0.0	0.0	0.0	535.0
1981 / 82	0.0	0.0	11.2	75.6	168.8	105.0	12.2	372.8	0.0	0.0	0.0	0.0	0.0	0.0	372.8
1982 / 83	2.0	47.8	46.6	217.0	204.0	149.0	7.0	673.4	3.5	0.0	0.0	0.0	0.0	3.5	676.9
1983 / 84	0.0	51.0	5.0	157.0	57.5	132.0	50.5	453.0	0.0	0.0	0.0	0.0	0.0	0.0	453.0
1984 / 85	17.5	30.7	29.0	34.0	208.0	40.0	8.0	367.2	1.0	0.0	0.0	0.0	0.0	1.0	368.2
1985 / 86	35.0	6.0	35.0	43.5	82.0	11.0	10.0	222.5	16.3	0.0	0.0	0.0	0.0	16.3	238.8
1986 / 87	35.0	217.8	52.2	22.2	38.9	42.1	1.0	409.2	0.0	0.0	0.0	0.0	0.0	0.0	409.2
1987 / 88	32.4	5.8	144.3	81.0	171.4	72.5	0.0	507.4	0.0	0.0	0.0	0.0	0.0	0.0	507.4
1988 / 89	14.9	29.8	143.0	65.5	62.0	86.0	0.0	401.2	0.0	0.0	0.0	0.0	0.0	0.0	401.2
1989 / 90	16.0	26.5	35.5	117.2	72.9	54.8	46.3	369.2	0.0	0.0	0.0	0.0	0.0	0.0	369.2
1990 / 91	0.0	11.9	2.5	100.1	56.6	99.7	4.7	275.5	0.0	0.0	0.0	0.0	0.0	0.0	275.5
1991 / 92	0.0	72.1	348.5	128.3	183.3	37.8	0.0	770.0	4.3	0.0	0.0	0.0	0.0	4.3	774.3
1992 / 93	0.0	76.0	114.1	64.2	115.3	18.8	0.0	388.4	2.0	0.0	0.0	0.0	0.0	2.0	390.4
1993 / 94	0.0	5.9	8.5	23.9	97.3	29.7	1.0	166.3	0.0	0.0	0.0	0.0	0.0	0.0	166.3
1994 / 95	9.5	132.5	34.4	4.0	26.5	4.5	5.4	216.8	0.0	0.0	0.0	0.0	0.0	0.0	216.8
1995 / 96	0.0	10.0	8.0	60.7	0.0	69.5	2.0	150.2	0.0	0.0	0.0	0.0	0.0	0.0	150.2
1996 / 97	5.3	4.0	41.9	90.0	154.4	98.4	0.0	394.0	0.0	0.0	0.0	0.0	0.0	0.0	394.0
1997 / 98	25.0	35.0	35.5	152.2	42.0	59.0	0.0	348.7	0.0	0.0	0.0	0.0	0.0	0.0	348.7
1998 / 99	0.0	0.0	3.5	38.5	70.5	8.8	7.0	128.3	0.0	0.0	0.0	0.0	0.0	0.0	128.3
Max.	111.0	246.6	348.5	395.2	213.6	240.0	252.0	805.9	34.0	0.0	0.0	0.0	0.0	34.0	805.9
Min.	0.0	0.0	2.5	4.0	0.0	0.0	0.0	120.7	0.0	0.0	0.0	0.0	0.0	0.0	120.7
Mean	10.8	47.1	86.9	108.1	96.4	79.4	22.3	450.9	2.1	0.0	0.0	0.0	0.0	2.1	453.0
Source: WIS database of MWI.														Std. Dev.	175.6

Table A2.1.1-1(6) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Sahab		ID No.: CD0001													
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1957 / 58	0.0	15.0	48.8	84.0	9.0	0.0	0.0	156.8	0.0	0.0	0.0	0.0	0.0	0.0	156.8
1958 / 59	0.0	0.0	0.0	55.0	130.5	40.0	0.0	225.5	0.0	0.0	0.0	0.0	0.0	0.0	225.5
1959 / 60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1960 / 61	0.0	46.5	13.3	50.0	69.6	13.5	14.3	207.2	0.0	0.0	0.0	0.0	0.0	0.0	207.2
1961 / 62	0.0	5.7	125.8	46.4	100.0	0.0	11.6	289.5	0.0	0.0	0.0	0.0	0.0	0.0	289.5
1962 / 63	0.0	0.0	9.0	6.0	61.5	43.0	0.0	119.5	17.0	0.0	0.0	0.0	0.0	17.0	136.5
1963 / 64	4.5	5.0	142.5	93.0	69.0	47.0	0.0	361.0	3.0	0.0	0.0	0.0	0.0	3.0	364.0
1964 / 65	0.0	30.0	60.5	128.0	20.5	20.0	65.0	324.0	0.0	0.0	0.0	0.0	0.0	0.0	324.0
1965 / 66	2.0	17.5	36.0	30.5	15.5	116.0	0.0	217.5	0.0	0.0	0.0	0.0	0.0	0.0	217.5
1966 / 67	40.5	28.0	96.0	183.0	25.0	147.5	0.0	520.0	0.0	0.0	0.0	0.0	0.0	0.0	520.0
1967 / 68	0.0	54.5	25.0	126.0	21.5	3.0	4.0	234.0	0.0	0.0	0.0	0.0	0.0	0.0	234.0
1968 / 69	0.0	22.5	78.5	117.0	49.0	133.0	19.0	419.0	0.0	0.0	0.0	0.0	0.0	0.0	419.0
1969 / 70	8.0	2.3	5.5	44.5	22.5	59.5	10.0	152.3	0.0	0.0	0.0	0.0	0.0	0.0	152.3
1970 / 71	0.0	0.0	21.8	25.2	18.0	7.5	162.5	235.0	0.0	0.0	0.0	0.0	0.0	0.0	235.0
1971 / 72	0.0	11.6	108.7	26.0	53.0	40.8	10.1	250.2	0.0	0.0	0.0	0.0	0.0	0.0	250.2
1972 / 73	0.0	30.3	10.8	53.0	16.5	30.6	0.0	141.2	0.0	0.0	0.0	0.0	0.0	0.0	141.2
1973 / 74	2.7	35.0	31.7	208.0	66.9	15.2	20.0	379.5	0.0	0.0	0.0	0.0	0.0	0.0	379.5
1974 / 75	0.0	25.0	11.9	9.8	105.3	38.0	2.2	192.2	0.0	0.0	0.0	0.0	0.0	0.0	192.2
1975 / 76	0.0	16.1	26.7	29.9	57.0	86.9	23.7	240.3	0.0	0.0	0.0	0.0	0.0	0.0	240.3
1976 / 77	3.4	10.2	1.3	58.4	34.8	37.7	52.7	198.5	0.0	0.0	0.0	0.0	0.0	0.0	198.5
1977 / 78	7.8	3.5	91.7	32.7	17.0	60.2	5.5	218.4	0.0	0.0	0.0	0.0	0.0	0.0	218.4
1978 / 79	0.0	0.0	63.2	18.2	8.6	14.5	0.0	104.5	0.0	0.0	0.0	0.0	0.0	0.0	104.5
1979 / 80	17.2	86.7	78.1	57.7	68.3	61.3	16.0	385.3	0.0	0.0	0.0	0.0	0.0	0.0	385.3
1980 / 81	0.0	4.5	122.6	40.0	49.7	17.5	2.0	236.3	0.0	0.0	0.0	0.0	0.0	0.0	236.3
1981 / 82	0.0	16.0	0.0	63.8	54.0	39.7	9.4	182.9	0.0	0.0	0.0	0.0	0.0	0.0	182.9
1982 / 83	5.3	72.3	23.8	158.5	129.5	88.7	0.0	478.1	0.0	0.0	0.0	0.0	0.0	0.0	478.1
1983 / 84	0.0	54.6	3.8	63.8	12.0	59.0	0.0	193.2	0.0	0.0	0.0	0.0	0.0	0.0	193.2
1984 / 85	19.0	23.4	70.5	37.5	165.5	75.0	3.0	393.9	0.0	0.0	0.0	0.0	0.0	0.0	393.9
1985 / 86	4.3	6.0	59.5	35.5	66.2	6.7	5.7	183.9	3.5	0.0	0.0	0.0	0.0	3.5	187.4
1986 / 87	17.5	46.8	11.0	69.5	16.0	69.0	0.0	229.8	0.0	0.0	0.0	0.0	0.0	0.0	229.8
1987 / 88	17.0	3.0	94.6	93.3	152.8	99.0	23.0	482.7	0.0	0.0	0.0	0.0	0.0	0.0	482.7
1988 / 89	1.0	9.5	172.7	62.0	55.0	44.0	0.0	344.2	0.0	0.0	0.0	0.0	0.0	0.0	344.2
1989 / 90	0.0	15.7	23.0	106.5	67.7	86.5	44.0	343.4	0.0	0.0	0.0	0.0	0.0	0.0	343.4
1990 / 91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991 / 92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992 / 93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993 / 94	10.0	10.2	17.5	73.1	59.1	25.0	2.0	196.9	0.0	0.0	0.0	0.0	0.0	0.0	196.9
1994 / 95	0.0	113.5	130.8	0.0	19.0	2.0	4.0	269.3	0.0	0.0	0.0	0.0	0.0	0.0	269.3
1995 / 96	0.0	16.5	13.5	97.3	19.0	90.3	2.0	238.6	0.0	0.0	0.0	0.0	0.0	0.0	238.6
1996 / 97	0.5	8.0	40.0	108.0	84.5	40.5	0.0	281.5	0.0	0.0	0.0	0.0	0.0	0.0	281.5
1997 / 98	19.5	0.0	91.5	65.2	37.0	47.5	0.0	260.7	0.0	0.0	0.0	0.0	0.0	0.0	260.7
1998 / 99	0.0	0.0	1.0	5.0	57.0	28.0	1.0	92.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0
Max.	40.5	113.5	172.7	208.0	165.5	147.5	162.5	520.0	17.0	0.0	0.0	0.0	0.0	17.0	520.0
Min.	0.0	0.0	0.0	0.0	8.6	0.0	0.0	92.0	0.0	0.0	0.0	0.0	0.0	0.0	92.0
Mean	4.7	22.2	51.6	67.4	54.8	48.3	13.5	262.6	0.6	0.0	0.0	0.0	0.0	0.6	263.2
Note: "-" data not available. Source: WIS database of MWI.														Std. Dev.	104.0

Table A2.1.1-1(7) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : El-Muwaqqar									ID No.: CD0003						
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1939 / 40	1.0	0.0	0.0	0.0	0.0	13.0	31.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
1940 / 41	10.0	32.0	27.0	38.0	0.0	36.5	0.0	143.5	0.0	0.0	0.0	0.0	0.0	0.0	143.5
1941 / 42	0.0	0.0	21.0	0.0	0.0	52.0	0.0	73.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0
1942 / 43	12.0	11.5	11.0	50.9	17.0	62.0	0.0	164.4	0.0	0.0	0.0	0.0	0.0	0.0	164.4
1943 / 44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1944 / 45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1945 / 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946 / 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1947 / 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1948 / 49	0.0	6.0	15.0	64.0	205.0	155.0	50.0	495.0	0.0	0.0	0.0	0.0	0.0	0.0	495.0
1949 / 50	0.0	0.0	64.0	145.0	0.0	0.0	0.0	209.0	0.0	0.0	0.0	0.0	0.0	0.0	209.0
1950 / 51	5.0	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	-
1951 / 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1952 / 53	0.0	0.0	8.0	9.5	58.5	59.0	0.0	135.0	0.0	0.0	0.0	0.0	0.0	0.0	135.0
1953 / 54	0.0	56.1	99.5	9.0	106.0	13.0	14.0	297.6	0.0	0.0	0.0	0.0	0.0	0.0	297.6
1954 / 55	0.0	18.0	46.0	9.0	9.0	0.0	5.0	87.0	0.0	0.0	0.0	0.0	0.0	0.0	87.0
1955 / 56	0.0	48.0	53.0	51.0	0.0	0.0	0.0	152.0	0.0	0.0	0.0	0.0	0.0	0.0	152.0
1956 / 57	0.0	16.0	25.0	66.0	84.0	87.0	3.0	281.0	11.0	0.0	0.0	0.0	0.0	11.0	292.0
1957 / 58	0.0	7.0	31.0	58.0	3.0	0.0	0.0	99.0	0.0	0.0	0.0	0.0	0.0	0.0	99.0
1958 / 59	0.0	4.0	0.0	45.0	45.0	71.0	0.0	165.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0
1959 / 60	0.0	4.0	5.0	18.0	8.7	27.5	1.0	64.2	0.0	0.0	0.0	0.0	0.0	0.0	64.2
1960 / 61	0.0	21.0	8.4	63.8	79.0	5.5	12.0	189.7	3.0	0.0	0.0	0.0	0.0	3.0	192.7
1961 / 62	3.0	7.5	100.0	15.0	27.0	0.0	3.0	155.5	0.0	0.0	0.0	0.0	0.0	0.0	155.5
1962 / 63	0.0	2.0	10.0	3.0	32.5	21.0	12.0	80.5	10.5	0.0	0.0	0.0	0.0	10.5	91.0
1963 / 64	4.0	1.0	124.0	84.0	28.0	32.0	0.0	273.0	0.0	0.0	0.0	0.0	0.0	0.0	273.0
1964 / 65	0.0	19.5	27.5	100.5	3.0	16.5	33.5	200.5	0.0	0.0	0.0	0.0	0.0	0.0	200.5
1965 / 66	0.0	8.5	13.0	37.0	15.5	82.5	0.0	156.5	0.0	0.0	0.0	0.0	0.0	0.0	156.5
1966 / 67	14.0	22.0	59.0	59.0	17.0	72.0	0.0	243.0	0.0	0.0	0.0	0.0	0.0	0.0	243.0
1967 / 68	10.0	38.0	21.0	43.0	6.0	23.0	5.0	146.0	0.0	0.0	0.0	0.0	0.0	0.0	146.0
1968 / 69	5.5	22.0	35.5	30.5	11.5	77.0	15.5	197.5	0.0	0.0	0.0	0.0	0.0	0.0	197.5
1969 / 70	12.0	3.0	0.0	35.5	33.0	47.0	0.0	130.5	0.0	0.0	0.0	0.0	0.0	0.0	130.5
1970 / 71	0.0	12.0	21.5	30.0	8.0	20.0	136.5	228.0	0.0	0.0	0.0	0.0	0.0	0.0	228.0
1971 / 72	0.0	8.0	93.5	18.0	33.5	32.0	14.0	199.0	0.0	0.0	0.0	0.0	0.0	0.0	199.0
1972 / 73	0.0	34.0	9.0	32.0	6.0	19.5	0.0	100.5	0.0	0.0	0.0	0.0	0.0	0.0	100.5
1973 / 74	0.0	31.0	25.0	192.0	29.0	22.0	12.0	311.0	0.0	0.0	0.0	0.0	0.0	0.0	311.0
1974 / 75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1975 / 76	0.0	15.0	25.6	30.5	44.5	56.0	17.5	189.1	0.0	0.0	0.0	0.0	0.0	0.0	189.1
1976 / 77	8.0	4.0	3.0	40.0	15.0	24.0	35.0	129.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0
1977 / 78	5.0	3.0	50.0	29.5	26.0	32.0	0.0	145.5	0.0	0.0	0.0	0.0	0.0	0.0	145.5
1978 / 79	0.0	0.0	36.0	16.0	6.8	29.0	0.0	87.8	0.0	0.0	0.0	0.0	0.0	0.0	87.8
1979 / 80	-	-	-	-	-	53.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-
1980 / 81	0.0	8.0	110.0	21.0	22.0	18.5	13.7	193.2	0.0	0.0	0.0	0.0	0.0	0.0	193.2
1981 / 82	0.0	19.0	0.0	42.0	40.0	22.0	15.0	138.0	0.0	0.0	0.0	0.0	0.0	0.0	138.0
1982 / 83	0.0	31.0	0.0	23.0	42.0	33.0	0.0	129.0	0.0	0.0	0.0	0.0	0.0	0.0	129.0
1983 / 84	0.0	0.0	0.0	13.0	4.0	45.0	0.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0
1984 / 85	23.0	7.3	13.5	6.0	71.5	27.0	0.0	148.3	0.0	0.0	0.0	0.0	0.0	0.0	148.3
1985 / 86	0.0	2.0	18.4	11.0	33.0	3.5	5.0	72.9	3.0	0.0	0.0	0.0	0.0	3.0	75.9
1986 / 87	0.0	40.5	5.5	24.5	7.0	13.5	0.0	91.0	0.0	0.0	0.0	0.0	0.0	0.0	91.0
1987 / 88	11.8	3.0	38.5	35.0	53.4	65.5	2.5	209.7	0.0	0.0	0.0	0.0	0.0	0.0	209.7
1988 / 89	0.0	0.0	46.0	35.5	43.5	15.0	0.0	140.0	0.0	0.0	0.0	0.0	0.0	0.0	140.0
1989 / 90	0.0	2.0	8.0	40.0	32.0	32.9	18.8	133.7	0.0	0.0	0.0	0.0	0.0	0.0	133.7
1990 / 91	5.0	0.0	4.0	25.0	13.0	32.8	1.2	81.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
1991 / 92	1.5	15.9	108.3	32.9	130.4	12.6	0.0	301.6	0.0	0.0	0.0	0.0	0.0	0.0	301.6
1992 / 93	0.0	35.0	39.1	25.4	24.9	0.0	0.0	124.4	0.0	0.0	0.0	0.0	0.0	0.0	124.4
1993 / 94	4.0	0.0	4.0	42.2	30.0	38.5	0.0	118.7	0.0	0.0	0.0	0.0	0.0	0.0	118.7
1994 / 95	2.6	83.0	53.2	1.0	11.8	0.0	5.0	156.6	0.0	0.0	0.0	0.0	0.0	0.0	156.6
1995 / 96	0.0	18.0	10.6	33.7	9.6	75.0	0.0	146.9	0.0	0.0	0.0	0.0	0.0	0.0	146.9
1996 / 97	2.5	15.5	20.9	57.0	29.5	25.7	0.0	151.1	0.0	0.0	0.0	0.0	0.0	0.0	151.1
1997 / 98	8.2	1.0	15.2	32.3	14.0	20.0	0.0	90.7	0.0	0.0	0.0	0.0	0.0	0.0	90.7
1998 / 99	0.0	0.0	0.0	12.1	37.7	4.5	1.2	55.5	0.0	0.0	0.0	0.0	0.0	0.0	55.5
Max.	23.0	83.0	124.0	192.0	205.0	155.0	136.5	495.0	11.0	0.0	0.0	0.0	0.0	11.0	495.0
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0
Mean	2.8	14.4	30.6	37.9	31.5	33.2	8.9	159.2	0.5	0.0	0.0	0.0	0.0	0.5	159.7
Note: "-" data not available. Source: WIS database of MWI.														Std. Dev.	80.8

Table A2.1.1-1(8) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Jiza		ID No.: CD0005													
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1938 / 39	0.0	72.0	29.0	17.0	115.0	69.0	0.0	302.0	0.0	0.0	0.0	0.0	0.0	0.0	302.0
1939 / 40	0.0	35.0	13.0	47.0	6.0	12.0	23.0	136.0	0.0	0.0	0.0	0.0	0.0	0.0	136.0
1940 / 41	4.5	21.0	20.5	20.0	5.0	0.0	0.0	71.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0
1941 / 42	0.0	0.0	71.0	31.0	39.0	101.0	0.0	242.0	0.0	0.0	0.0	0.0	0.0	0.0	242.0
1942 / 43	10.0	18.0	6.0	41.0	33.0	78.0	13.0	199.0	0.0	0.0	0.0	0.0	0.0	0.0	199.0
1943 / 44	0.0	0.0	6.5	92.0	6.0	9.5	12.5	126.5	0.0	0.0	0.0	0.0	0.0	0.0	126.5
1944 / 45	0.0	94.0	94.5	94.0	83.0	15.0	2.5	383.0	0.0	0.0	0.0	0.0	0.0	0.0	383.0
1945 / 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1946 / 47	0.0	1.0	7.5	29.5	3.0	15.3	3.0	59.3	0.0	0.0	0.0	0.0	0.0	0.0	59.3
1947 / 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1948 / 49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1949 / 50	0.0	0.0	71.0	25.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0
1950 / 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1951 / 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1952 / 53	0.0	0.0	4.5	5.0	38.0	47.0	0.0	94.5	0.0	0.0	0.0	0.0	0.0	0.0	94.5
1953 / 54	0.0	81.0	100.0	10.0	140.0	17.0	12.0	360.0	0.0	0.0	0.0	0.0	0.0	0.0	360.0
1954 / 55	5.0	45.0	101.0	12.0	15.0	25.0	0.0	203.0	0.0	0.0	0.0	0.0	0.0	0.0	203.0
1955 / 56	0.0	30.0	26.0	25.0	16.0	71.0	2.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0	170.0
1956 / 57	0.0	9.5	29.0	107.0	53.0	90.3	0.0	288.8	15.0	0.0	0.0	0.0	0.0	15.0	303.8
1957 / 58	0.0	12.0	21.0	78.0	6.0	0.0	0.0	117.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0
1958 / 59	0.0	37.0	0.0	46.0	88.5	48.5	0.0	220.0	0.0	0.0	0.0	0.0	0.0	0.0	220.0
1959 / 60	0.0	8.5	3.5	13.5	7.0	62.7	4.0	99.2	0.0	0.0	0.0	0.0	0.0	0.0	99.2
1960 / 61	0.0	19.0	23.0	95.0	78.0	6.0	18.0	239.0	2.0	0.0	0.0	0.0	0.0	2.0	241.0
1961 / 62	0.0	5.0	96.0	27.5	90.0	0.0	4.0	222.5	0.0	0.0	0.0	0.0	0.0	0.0	222.5
1962 / 63	4.5	0.0	2.0	0.0	54.0	13.0	6.0	79.5	25.0	0.0	0.0	0.0	0.0	25.0	104.5
1963 / 64	2.5	3.0	133.5	49.5	24.5	34.0	1.5	248.5	0.0	0.0	0.0	0.0	0.0	0.0	248.5
1964 / 65	0.0	23.0	51.0	117.0	12.0	19.5	50.0	272.5	0.0	0.0	0.0	0.0	0.0	0.0	272.5
1965 / 66	19.0	10.5	12.0	20.5	24.0	102.0	0.0	188.0	0.0	0.0	0.0	0.0	0.0	0.0	188.0
1966 / 67	16.0	7.0	65.0	74.0	23.0	150.0	0.0	335.0	0.0	0.0	0.0	0.0	0.0	0.0	335.0
1967 / 68	1.0	30.0	36.5	46.5	27.5	8.5	3.0	153.0	1.0	0.0	0.0	0.0	0.0	1.0	154.0
1968 / 69	0.0	19.8	27.0	66.6	15.0	84.5	26.0	238.9	0.0	0.0	0.0	0.0	0.0	0.0	238.9
1969 / 70	11.0	4.0	0.0	37.0	10.5	39.0	6.0	107.5	0.0	0.0	0.0	0.0	0.0	0.0	107.5
1970 / 71	0.0	11.0	16.0	19.0	7.5	41.5	161.0	256.0	0.0	0.0	0.0	0.0	0.0	0.0	256.0
1971 / 72	0.0	22.5	99.0	18.0	32.0	33.0	4.0	208.5	1.0	0.0	0.0	0.0	0.0	1.0	209.5
1972 / 73	0.0	13.0	12.0	51.0	14.0	14.0	0.0	104.0	0.0	0.0	0.0	0.0	0.0	0.0	104.0
1973 / 74	0.0	17.0	18.0	159.0	27.5	22.0	13.0	256.5	0.0	0.0	0.0	0.0	0.0	0.0	256.5
1974 / 75	0.0	16.0	16.0	4.0	86.9	18.0	1.0	141.9	0.0	0.0	0.0	0.0	0.0	0.0	141.9
1975 / 76	0.0	0.0	11.0	6.5	33.5	32.0	3.0	86.0	0.0	0.0	0.0	0.0	0.0	0.0	86.0
1976 / 77	3.0	9.0	5.0	36.5	4.5	8.5	15.5	82.0	0.0	0.0	0.0	0.0	0.0	0.0	82.0
1977 / 78	0.0	0.0	42.5	20.0	22.0	40.0	2.0	126.5	0.0	0.0	0.0	0.0	0.0	0.0	126.5
1978 / 79	1.0	0.0	16.0	54.0	21.5	15.0	0.0	107.5	0.0	0.0	0.0	0.0	0.0	0.0	107.5
1979 / 80	2.0	52.0	86.0	22.0	19.0	0.0	0.0	181.0	0.0	0.0	0.0	0.0	0.0	0.0	181.0
1980 / 81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1981 / 82	0.0	0.0	0.0	28.0	19.0	10.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0
1982 / 83	0.0	4.0	0.0	57.0	50.0	46.0	0.0	157.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0
1983 / 84	0.0	0.0	0.0	35.0	24.0	41.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1984 / 85	14.0	0.0	14.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
1985 / 86	0.0	0.0	4.0	2.0	48.0	0.0	0.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0
1986 / 87	3.0	49.0	32.0	8.0	9.1	10.0	0.0	111.1	0.0	0.0	0.0	0.0	0.0	0.0	111.1
1987 / 88	6.0	4.0	43.0	31.7	58.6	41.6	8.1	193.0	0.0	0.0	0.0	0.0	0.0	0.0	193.0
1988 / 89	0.5	0.0	11.0	22.0	19.0	21.0	0.0	73.5	0.0	0.0	0.0	0.0	0.0	0.0	73.5
1989 / 90	0.0	0.0	12.0	35.5	24.0	22.5	16.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0
1990 / 91	1.0	0.0	0.0	28.5	10.0	36.0	0.0	75.5	0.0	0.0	0.0	0.0	0.0	0.0	75.5
1991 / 92	3.1	30.9	91.3	50.0	93.3	18.6	0.0	287.2	0.0	0.0	0.0	0.0	0.0	0.0	287.2
1992 / 93	0.0	30.2	29.4	27.5	24.0	0.0	0.0	111.1	0.0	0.0	0.0	0.0	0.0	0.0	111.1
1993 / 94	5.2	10.5	12.3	35.5	23.0	9.0	3.5	99.0	0.0	0.0	0.0	0.0	0.0	0.0	99.0
1994 / 95	2.9	57.3	53.5	1.0	14.8	2.0	4.0	135.5	0.0	0.0	0.0	0.0	0.0	0.0	135.5
1995 / 96	0.0	6.0	7.0	28.0	0.0	44.0	0.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0
1996 / 97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1997 / 98	18.5	2.0	30.6	40.8	20.4	14.3	0.0	126.6	0.0	0.0	0.0	0.0	0.0	0.0	126.6
1998 / 99	0.0	0.0	0.0	12.6	30.5	2.5	4.0	49.6	0.0	0.0	0.0	0.0	0.0	0.0	49.6
Max.	19.0	94.0	133.5	159.0	140.0	150.0	161.0	383.0	25.0	0.0	0.0	0.0	0.0	25.0	383.0
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
Mean	2.5	17.0	31.7	38.1	32.4	30.7	7.8	160.3	0.8	0.0	0.0	0.0	0.0	0.8	161.1
Note: "-" data not available. Source: WIS database of MWI.														Std. Dev.	85.9

Table A2.1.1-1(9) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Dhiban		ID No.: CD0007													
Hydrological	Wet Season								Dry Season						Annual
Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1938 / 39	0.0	62.7	7.4	24.2	106.2	38.8	6.8	246.1	0.0	0.0	0.0	0.0	0.0	0.0	246.1
1939 / 40	6.0	92.0	32.0	158.0	6.0	27.0	34.0	355.0	0.0	0.0	0.0	0.0	0.0	0.0	355.0
1940 / 41	9.2	22.8	72.2	25.0	8.5	64.0	1.5	203.2	0.0	0.0	0.0	0.0	0.0	0.0	203.2
1941 / 42	0.0	0.0	208.5	89.2	53.3	112.4	0.0	463.4	0.0	0.0	0.0	0.0	0.0	0.0	463.4
1942 / 43	5.7	10.5	10.0	65.4	49.8	142.8	30.0	314.2	0.0	0.0	0.0	0.0	0.0	0.0	314.2
1943 / 44	0.0	0.0	24.0	176.0	20.0	26.0	38.5	284.5	10.5	0.0	0.0	0.0	0.0	10.5	295.0
1944 / 45	0.0	79.1	116.3	126.2	96.6	19.0	22.5	459.7	0.0	0.0	0.0	0.0	0.0	0.0	459.7
1945 / 46	0.0	68.2	42.0	51.5	76.3	23.0	0.0	261.0	0.0	0.0	0.0	0.0	0.0	0.0	261.0
1946 / 47	0.0	0.9	18.2	43.0	3.4	28.5	10.5	104.5	0.0	0.0	0.0	0.0	0.0	0.0	104.5
1947 / 48	0.0	6.7	3.0	98.5	40.3	81.9	13.0	243.4	0.0	0.0	0.0	0.0	0.0	0.0	243.4
1948 / 49	0.0	14.4	37.4	108.4	86.2	169.9	52.1	468.4	0.0	0.0	0.0	0.0	0.0	0.0	468.4
1949 / 50	0.0	0.0	98.3	137.0	75.5	22.0	8.0	340.8	28.2	0.0	0.0	0.0	0.0	28.2	369.0
1950 / 51	0.0	0.0	6.0	36.7	95.0	22.0	12.5	172.2	0.0	0.0	0.0	0.0	0.0	0.0	172.2
1951 / 52	0.0	10.0	195.5	51.0	138.0	91.0	4.0	489.5	0.0	0.0	0.0	0.0	0.0	0.0	489.5
1952 / 53	5.0	0.0	6.0	4.0	102.5	76.5	0.0	194.0	0.0	0.0	0.0	0.0	0.0	0.0	194.0
1953 / 54	0.0	104.0	64.5	11.0	110.0	43.0	19.0	351.5	0.0	0.0	0.0	0.0	0.0	0.0	351.5
1954 / 55	0.0	33.0	75.0	11.0	37.0	4.0	13.0	173.0	0.0	0.0	0.0	0.0	0.0	0.0	173.0
1955 / 56	0.0	60.2	67.5	57.9	17.5	119.5	11.5	334.1	0.0	0.0	0.0	0.0	0.0	0.0	334.1
1956 / 57	0.0	26.0	60.0	86.1	64.1	105.0	5.5	346.7	16.5	0.0	0.0	0.0	0.0	16.5	363.2
1957 / 58	0.0	18.7	5.5	71.0	6.0	0.8	0.0	102.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0
1958 / 59	0.0	0.0	7.9	51.4	146.0	52.5	2.0	259.8	0.0	0.0	0.0	0.0	0.0	0.0	259.8
1959 / 60	0.0	10.5	13.5	29.2	1.5	71.0	4.0	129.7	0.0	0.0	0.0	0.0	0.0	0.0	129.7
1960 / 61	0.0	24.0	14.7	102.0	88.0	3.0	12.0	243.7	0.0	0.0	0.0	0.0	0.0	0.0	243.7
1961 / 62	3.0	20.8	73.8	40.0	45.0	0.0	17.0	199.6	0.0	0.0	0.0	0.0	0.0	0.0	199.6
1962 / 63	0.0	0.0	7.6	8.5	66.5	22.0	9.5	114.1	0.0	0.0	0.0	0.0	0.0	0.0	114.1
1963 / 64	6.2	5.0	198.3	25.3	43.1	7.6	0.0	285.5	0.0	0.0	0.0	0.0	0.0	0.0	285.5
1964 / 65	0.0	39.2	32.0	161.6	11.3	33.0	61.0	338.1	0.0	0.0	0.0	0.0	0.0	0.0	338.1
1965 / 66	37.5	20.0	6.0	18.0	10.5	37.5	0.0	129.5	0.0	0.0	0.0	0.0	0.0	0.0	129.5
1966 / 67	13.5	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	13.5
1967 / 68	0.0	63.0	28.5	141.5	10.3	22.0	18.5	283.8	8.0	0.0	0.0	0.0	0.0	8.0	291.8
1968 / 69	10.2	39.7	58.5	65.1	6.2	134.2	40.0	353.9	0.0	0.0	0.0	0.0	0.0	0.0	353.9
1969 / 70	3.5	5.0	16.5	54.0	5.5	65.5	21.0	171.0	0.0	0.0	0.0	0.0	0.0	0.0	171.0
1970 / 71	0.0	11.0	38.6	25.9	8.0	35.9	228.0	347.4	0.0	0.0	0.0	0.0	0.0	0.0	347.4
1971 / 72	0.0	22.7	201.2	44.0	60.6	49.5	20.0	398.0	1.1	0.0	0.0	0.0	0.0	1.1	399.1
1972 / 73	0.0	39.0	3.0	85.6	3.0	18.9	0.6	150.1	0.0	0.0	0.0	0.0	0.0	0.0	150.1
1973 / 74	0.0	2.0	14.5	265.2	53.0	16.0	40.5	391.2	0.0	0.0	0.0	0.0	0.0	0.0	391.2
1974 / 75	0.0	8.7	51.2	13.9	157.7	29.7	1.5	262.7	0.0	0.0	0.0	0.0	0.0	0.0	262.7
1975 / 76	0.0	18.5	20.0	14.9	47.5	24.0	7.8	132.7	0.0	0.0	0.0	0.0	0.0	0.0	132.7
1976 / 77	0.0	16.2	3.0	101.8	15.7	13.5	82.2	232.4	0.0	0.0	0.0	0.0	0.0	0.0	232.4
1977 / 78	0.0	26.0	57.2	70.1	21.0	59.0	13.7	247.0	0.0	0.0	0.0	0.0	0.0	0.0	247.0
1978 / 79	0.0	0.0	51.5	78.4	10.6	41.2	12.2	193.9	0.0	0.0	0.0	0.0	0.0	0.0	193.9
1979 / 80	5.4	89.0	115.0	51.5	60.1	87.9	3.0	411.9	0.2	0.0	0.0	0.0	0.0	0.2	412.1
1980 / 81	4.6	0.2	40.0	32.0	14.0	22.7	0.0	113.5	0.0	0.0	0.0	0.0	0.0	0.0	113.5
1981 / 82	0.0	78.0	24.5	20.0	55.5	16.0	19.0	213.0	0.0	0.0	0.0	0.0	0.0	0.0	213.0
1982 / 83	0.0	78.0	19.0	64.5	77.5	62.5	2.5	304.0	0.0	0.0	0.0	0.0	0.0	0.0	304.0
1983 / 84	0.0	11.6	0.0	54.9	13.4	94.4	0.0	174.3	0.0	0.0	0.0	0.0	0.0	0.0	174.3
1984 / 85	0.0	14.4	27.6	2.0	154.0	44.0	0.0	242.0	0.0	0.0	0.0	0.0	0.0	0.0	242.0
1985 / 86	0.0	5.0	19.0	33.5	50.8	0.0	0.0	108.3	2.0	0.0	0.0	0.0	0.0	2.0	110.3
1986 / 87	0.0	77.6	69.6	15.6	5.8	38.0	0.0	206.6	0.0	0.0	0.0	0.0	0.0	0.0	206.6
1987 / 88	0.0	0.0	67.6	113.8	172.2	92.5	9.2	455.3	0.0	0.0	0.0	0.0	0.0	0.0	455.3
1988 / 89	0.4	0.4	67.0	81.0	78.0	104.5	0.0	331.3	0.0	0.0	0.0	0.0	0.0	0.0	331.3
1989 / 90	0.0	4.0	19.7	79.8	57.9	20.2	75.0	256.6	0.0	0.0	0.0	0.0	0.0	0.0	256.6
1990 / 91	3.0	4.0	14.0	94.0	42.5	146.0	0.0	303.5	0.0	0.0	0.0	0.0	0.0	0.0	303.5
1991 / 92	0.0	37.0	112.0	72.2	158.5	3.5	0.0	383.2	0.0	0.0	0.0	0.0	0.0	0.0	383.2
1992 / 93	0.0	43.2	46.5	42.0	25.5	21.0	0.0	178.2	18.0	0.0	0.0	0.0	0.0	18.0	196.2
1993 / 94	4.0	0.0	18.0	59.0	43.5	17.5	6.0	148.0	0.0	0.0	0.0	0.0	0.0	0.0	148.0
1994 / 95	17.0	156.0	76.0	0.0	27.1	5.0	0.0	281.1	0.0	0.0	0.0	0.0	0.0	0.0	281.1
1995 / 96	0.0	0.0	7.3	50.5	0.0	111.0	0.0	168.8	0.0	0.0	0.0	0.0	0.0	0.0	168.8
1996 / 97	0.0	7.0	10.0	62.0	93.5	29.0	0.0	201.5	0.0	0.0	0.0	0.0	0.0	0.0	201.5
1997 / 98	26.5	0.0	40.0	59.0	31.5	13.0	0.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0	170.0
1998 / 99	0.0	14.0	0.0	36.0	50.0	9.0	8.0	117.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0
Max.	37.5	156.0	208.5	265.2	172.2	169.9	228.0	489.5	28.2	0.0	0.0	0.0	0.0	28.2	489.5
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	13.5
Mean	2.6	26.2	46.6	63.1	52.7	47.4	16.3	255.0	1.4	0.0	0.0	0.0	0.0	1.4	256.4
Source: WIS database of MWI.														Std. Dev.	108.7

Table A2.1.1-1(10) Monthly Average and Annual Rainfall in Amman Governorate

Station Name : Dhaba' Nursery		ID No.: CD0015													
Hydrological Year	Wet Season								Dry Season						Annual
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Sub-total	May	Jun.	Jul.	Aug.	Sep.	Sub-total	
1962 / 63	0.0	0.0	2.6	9.5	44.4	4.8	18.2	79.5	4.5	0.0	0.0	0.0	0.0	4.5	84.0
1963 / 64	2.0	2.2	88.0	49.5	13.6	21.0	0.0	176.3	0.0	0.0	0.0	0.0	0.0	0.0	176.3
1964 / 65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1965 / 66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1966 / 67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1967 / 68	1.0	45.6	15.0	105.7	30.1	8.3	3.0	208.7	6.7	0.0	0.0	0.0	0.0	6.7	215.4
1968 / 69	0.7	16.8	38.0	61.8	4.0	84.6	24.9	230.8	4.0	0.0	0.0	0.0	0.0	4.0	234.8
1969 / 70	9.8	9.4	9.1	25.0	5.1	73.8	7.7	139.9	0.0	0.0	0.0	0.0	0.0	0.0	139.9
1970 / 71	0.0	9.0	31.3	0.0	0.0	0.0	0.0	40.3	0.0	0.0	0.0	0.0	0.0	0.0	40.3
1971 / 72	0.0	0.0	126.5	21.9	42.2	33.5	0.0	224.1	0.0	0.0	0.0	0.0	0.0	0.0	224.1
1972 / 73	0.0	19.6	0.0	51.0	0.0	8.1	0.0	78.7	0.0	0.0	0.0	0.0	0.0	0.0	78.7
1973 / 74	0.0	7.7	9.0	157.0	40.8	21.6	33.2	269.3	0.0	0.0	0.0	0.0	0.0	0.0	269.3
1974 / 75	0.0	24.0	41.2	9.4	74.8	14.2	1.3	164.9	0.0	0.0	0.0	0.0	0.0	0.0	164.9
1975 / 76	0.0	10.5	18.0	3.0	27.7	30.8	9.9	99.9	5.6	0.0	0.0	0.0	0.0	5.6	105.5
1976 / 77	5.5	5.5	3.5	49.6	8.5	11.1	33.4	117.1	0.0	0.0	0.0	0.0	0.0	0.0	117.1
1977 / 78	4.3	9.0	50.2	20.0	14.3	29.5	1.2	128.5	0.0	0.0	0.0	0.0	0.0	0.0	128.5
1978 / 79	3.0	0.0	16.7	30.5	11.5	15.1	0.0	76.8	0.0	0.0	0.0	0.0	0.0	0.0	76.8
1979 / 80	0.0	44.0	71.3	36.4	38.7	34.5	0.0	224.9	0.0	0.0	0.0	0.0	0.0	0.0	224.9
1980 / 81	4.5	0.0	73.4	25.1	6.7	9.3	0.7	119.7	0.0	0.0	0.0	0.0	0.0	0.0	119.7
1981 / 82	0.0	1.5	2.8	33.6	44.5	31.1	0.0	113.5	2.8	0.0	0.0	0.0	0.0	2.8	116.3
1982 / 83	0.4	43.2	13.4	56.8	43.7	23.0	0.0	180.5	0.0	0.0	0.0	0.0	0.0	0.0	180.5
1983 / 84	0.0	4.0	4.9	15.8	5.5	44.3	0.0	74.5	0.0	0.0	0.0	0.0	0.0	0.0	74.5
1984 / 85	23.8	15.2	17.4	13.2	72.5	44.0	4.0	190.1	1.5	0.0	0.0	0.0	0.0	1.5	191.6
1985 / 86	0.0	0.0	33.4	11.9	34.2	2.5	0.0	82.0	0.4	0.0	0.0	0.0	0.0	0.4	82.4
1986 / 87	0.0	46.5	12.2	23.9	14.3	48.5	0.0	145.4	0.0	0.0	0.0	0.0	0.0	0.0	145.4
1987 / 88	19.6	2.8	30.9	60.8	28.6	39.0	4.8	186.5	0.0	0.0	0.0	0.0	0.0	0.0	186.5
1988 / 89	0.8	3.2	55.7	17.5	16.0	20.5	0.0	113.7	0.0	0.0	0.0	0.0	0.0	0.0	113.7
1989 / 90	0.0	11.4	4.0	40.1	24.7	25.0	21.0	126.2	0.0	0.0	0.0	0.0	0.0	0.0	126.2
1990 / 91	3.2	0.0	4.5	34.1	10.6	39.7	0.0	92.1	0.0	0.0	0.0	0.0	0.0	0.0	92.1
1991 / 92	0.0	18.5	74.3	46.7	127.4	17.8	0.0	284.7	0.0	0.0	0.0	0.0	0.0	0.0	284.7
1992 / 93	0.0	31.5	29.1	39.1	29.8	0.0	0.0	129.5	0.0	0.0	0.0	0.0	0.0	0.0	129.5
1993 / 94	2.5	2.5	17.5	51.2	10.7	16.5	0.0	100.9	0.0	0.0	0.0	0.0	0.0	0.0	100.9
1994 / 95	7.4	53.3	52.4	0.0	0.0	0.0	0.0	113.1	0.0	0.0	0.0	0.0	0.0	0.0	113.1
1995 / 96	0.0	11.5	13.6	40.7	21.9	56.5	0.0	144.2	0.0	0.0	0.0	0.0	0.0	0.0	144.2
1996 / 97	0.6	3.0	7.2	19.6	12.6	5.2	0.0	48.2	0.0	0.0	0.0	0.0	0.0	0.0	48.2
1997 / 98	5.0	1.0	16.4	36.0	23.7	21.0	5.5	108.6	0.0	0.0	0.0	0.0	0.0	0.0	108.6
1998 / 99	0.0	0.0	0.6	4.6	3.8	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
Max.	23.8	53.3	126.5	157.0	127.4	84.6	33.4	284.7	6.7	0.0	0.0	0.0	0.0	6.7	284.7
Min.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
Mean	2.8	13.3	28.9	35.3	26.1	24.6	5.0	135.9	0.8	0.0	0.0	0.0	0.0	0.8	136.7
Note: "-" data not available. Source: WIS database of MWI.														Std. Dev.	63.7