

ANNEX C6: CLIMATOLOGICAL CHARACTERISTIC ALONG THE PROJECT CORRIDOR

Table 1: Annual Minimum Temperature for selected stations along the proposed project route

Station	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Q.A.I.Airport	-5.4	-2.8	-3.0	-4.6	-5.4	-2.2	-2.8	-1.7	-6.0	-3.4	-4.0
Al Rabbah	-3.6	-2.2	-4.0	-5.2	-2.8	-0.4	-1.2	-0.4	-3.6	-1.8	-0.2
Mu`tah University	-5.0	-3.0	-5.5	-6.0	-5.0	-2.0	-2.0	1.0	-5.0	-3.0	0.0
Qetraneh	-6.0	-4.0	-3.4	-6.4	-4.0	-3.0	-3.5	-3.0	-3.4	-1.2	-5.0
Hasanat/Tafiela	-5.2	-3.3	-6.0	-5.0	-3.5	-2.0	-2.0	-2.2	-5.0	-3.0	-0.5
Al Jafer	-7.0	-4.6	-5.0	-6.8	-7.6	-4.4	-2.4	-3.5	-6.0	-3.5	-6.0
Ma`an	-7.2	-5.2	-4.4	-4.0	-7.4	-4.2	-2.4	-2.8	-6.5	-3.4	-3.5
Dhab`ah	-4.0	-3.0	-1.0	-4.0	-1.8	0.0	0.9	1.0	-3.0	-	3.0
Aqaba Airport	2.0	5.6	4.5	2.0	3.8	5.0	5.0	6.0	3.5	5.0	6.5

Table 2: Annual Maximum Temperature for selected stations along the proposed project route

Station	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Q.A.I.Airport	39.6	40.0	37.5	40.2	40.5	41.4	40.0	41.0	38.1	43.8	39.2
Al Rabbah	35.4	36.8	35.8	37.4	37.8	39.6	37.0	39.2	35.4	40.4	38.0
Mu`tah University	34.0	36.0	36.0	37.0	38.0	39.9	37.5	37.0	37.0	40.0	36.5
Qetraneh	37.6	38.4	38.2	39.8	40.0	41.0	40.0	41.0	37.6	43.2	38.6
Hasanat/Tafiela	36.6	36.5	35.5	36.5	38.0	37.6	37.2	38.0	35.5	39.8	37.0
Al Jafer	40.2	39.6	40.0	39.6	40.0	41.4	40.3	41.0	39.5	44.6	40.5
Ma`an	38.6	38.5	39.0	37.6	38.0	40.0	38.6	39.5	37.4	41.5	39.0
Dhab`ah	39.0	39.0	36.0	38.8	39.0	39.8	39.4	40.0	37.0	-	25.0
Aqaba Airport	44.6	43.2	43.0	44.4	46.0	43.5	45.3	46.0	43.6	44.0	44.2

Table 3: Annual Mean Temperature for selected stations along the proposed project route

Station	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Q.A.I.Airport	16.0	16.4	16.4	14.9	16.2	16.7	16.4	16.9	15.9	17.3	17.3
Al Rabbah	15.9	16.0	16.0	14.8	16.1	16.3	16.3	16.7	15.9	17.3	17.6
Mu`tah University	15.2	15.8	15.5	14.3	16.2	15.9	17.3	17.4	15.4	16.8	16.9
Qetraneh	16.6	16.9	17.0	15.9	17.0	17.3	17.1	17.6	16.8	18.2	18.0
Hasanat/Tafiela	15.6	16.1	15.6	14.4	16.4	15.6	16.1	16.6	15.5	17	17.4
Al Jafer	18.2	18.4	18.4	17.2	18.4	18.6	18.6	19.1	17.9	19.5	19.0
Ma`an	17.2	17.4	17.4	16.1	17.4	17.5	17.6	18.4	17.0	18.7	18.4
Dhab`ah	16.7	17.2	17.1	15.7	17.9	18.2	17.4	18.1	17.0	-	11.7
Aqaba Airport	23.8	24.2	24.2	23.2	24.1	24.5	24.1	24.7	24.0	25.2	25.0

Table 4: Annual Rainfall for Selected Stations Within the Project Area

Station (Rainfall)	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Q.A.I.Airport	99.0	156.0	197.0	275.0	123.0	224.0	56.9	157.7	193.0	83.1	57.5
Al Rabbah	342.0	304.0	639.0	575.0	239.0	518.0	1240	286.2	410.0	243.9	163.0
Mu`tah University	304.0	313.0	624.0	653.0	205.0	522.0	130.0	188.6	385.0	247.7	183.0
Qetraneh	79.5.0	89.8	122.0	135.0	92.3	137.0	22.3	89.3	86.9	103.7	23.5
Hasanat/Tafiela	126.0	159.0	407.0	306.0	87.8	395.0	86.0	189.0	251.0	161.1	110.0
Al Jafer	33.4	24.9.0	42.2	16.4	27.7	68.9	17.6	42.7	35.6	17.4	14.7
Ma`an	35.0	34.1	57.2	27.7	56.8	91.0	24.2	53.0	77.7	47.4	18.7
Dhab`ah	98.1	104.0	146.0	219	84.9	186.0	47.3	143.3	106.0	-	-
Aqaba Airport	-	48.3	38.9	15.2	46.9	52.7	11.1	2.1	41.1	8.7	30.9