

TABLES

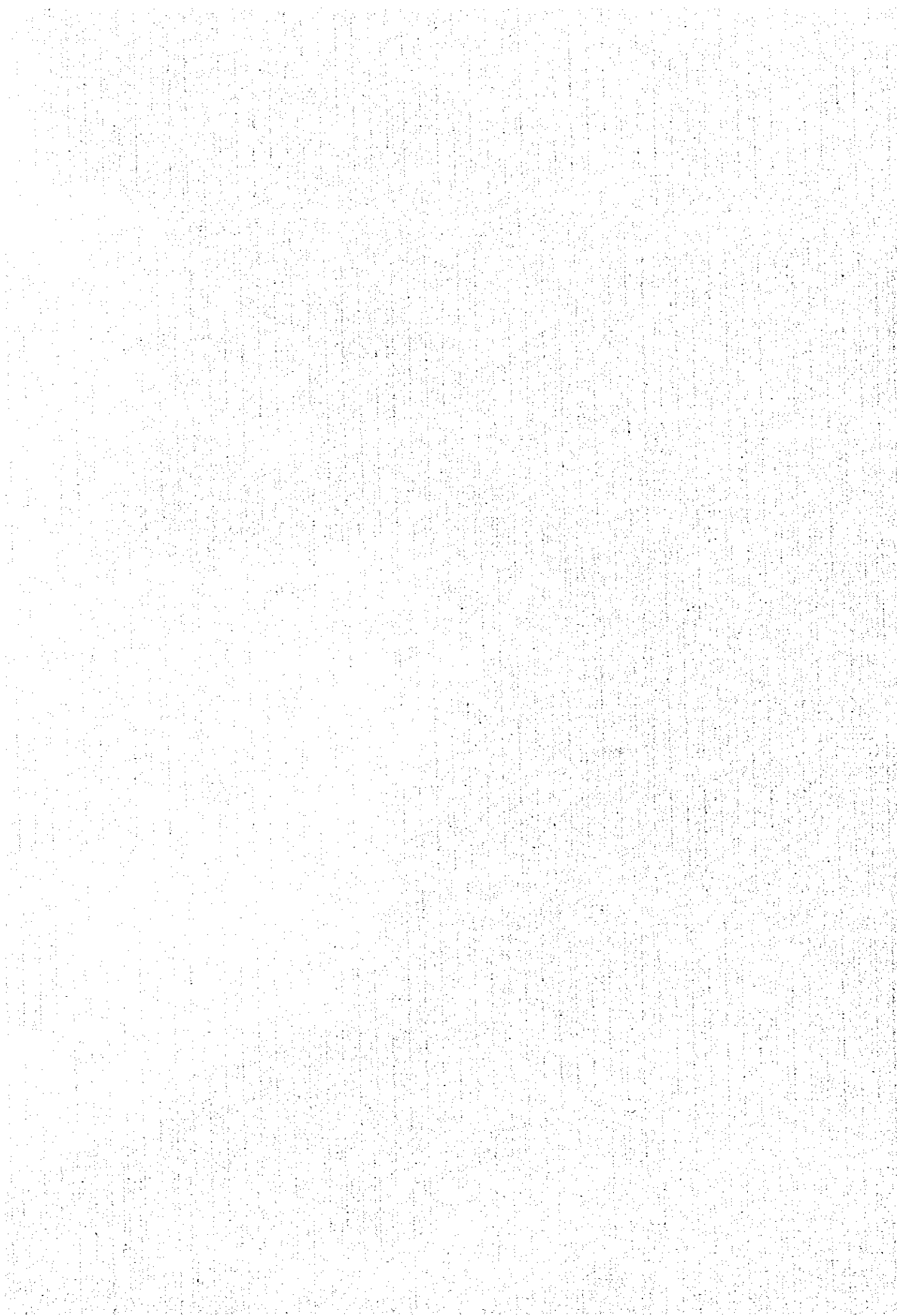


Table-A.1 Some Characteristic Values of the Dams Located in Küçük Menderes Basin

NAME OF DAM	CATCHMENT AREA (km ²)	AVR EL. OF CATCHMENT AREA (m)	CREST EL. (m)	THALWEG EL. (m)	NORMAL OPER. LEVEL (m)	LENGTH OF MAIN CHANNEL (km)	TOTAL VOL. (10 ⁹ m ³)	ACTIVE VOL. (10 ⁹ m ³)	ANNUAL AVR. PREC. ISOH. METHOD (mm)	ANNUAL AVR. FLOW (10 ⁶ m ³)
ULADI	66.0	570				14.0			829.3	16.48
ERGENLI	98.0	710				15.0			618.1	24.47
BURGAZ	91.0	550				20.0			561.9	22.81
AKTAŞ	58.7	730				14.3			690.7	12.80
ÖDEMİŞ	64.6	760				12.0			892.2	24.71
BIRGI	12.6	1160				5.5			974.8	5.68
BUCAK	18.0	470				5.3			698.3	8.18
BEYDAĞ	444.0	780				35.0			654.0	76.12
PIRINÇI	51.3	1020				13.4			835.5	19.11
SARILAR	30.9	670				9.3			694.2	11.45
YENİŞEHİR	15.0	800				8.1			735.7	5.98
EGRİDERE	21.8	1030				4.6			817.8	8.12
AKYURT	24.2	410				7.0			926.2	6.10

Note : Catchment Area of Küçük Menderes River = 3510 km²

Table-A.2 Mean Monthly and Annual Precipitation Amounts of the Meteorological Stations within and Nearby the Catchment Area of Kiliçık Menderes River

(Unit : mm)

Station	Elevation	Observation		Aylar / Months												Annual
		Period	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII		
A) Within the Catchment Area																
SELÇUK	17	1964-1993	119.4	106.2	85.9	47.5	23.8	8.3	1.9	1.8	14.0	38.2	89.7	147.6	684.3	
BOĞAZIÇI	50	1970-1984	160.6	136.4	93.5	57.7	33.2	11.8	8.5	1.1	16.8	59.4	110.5	153.8	843.3	
TORBALI	40	1932-1933 1954-1981 1985-1993	132.7	92.5	74.6	45.4	28.4	9.7	3.0	1.2	10.6	43.0	83.9	157.2	682.2	
DAĞKIZILCA	200	1968-1993	141.8	122.5	90.9	56.7	35.3	15.7	7.7	3.2	13.2	47.7	113.7	185.8	834.2	
BAYINDIR	100	1930-1934 1956-1982 1984	121.6	94.5	71.2	53.2	35.7	15.1	3.0	1.1	14.4	43.3	70.3	140.5	663.9	
TİRE	100	1959-1993	142.5	110.2	82.9	58.4	36.0	13.2	3.9	2.7	13.7	41.2	91.3	174.5	770.5	
ÖDEMİŞ	118	1930 1945-1952 1957-1993	107.0	86.9	69.9	49.3	35.0	17.2	6.1	2.7	14.3	39.3	79.4	130.2	637.3	
OVAKENT	250	1964-1992	103.3	92.3	71.5	50.4	31.7	15.3	3.5	6.2	13.3	34.6	78.1	120.3	620.5	
KIKAZ	310	1964-1981 1989-1993	94.2	85.5	61.5	42.4	33.0	13.3	2.4	2.6	13.3	25.7	62.9	114.5	551.3	
BEYDAĞ (Dsl)	250	1963-1993	136.7	120.3	90.5	58.8	42.1	13.8	9.7	9.4	11.6	40.2	92.9	180.3	806.3	
B) Nearby the Catchment Area																
İZMİR	25	1930-1993	131.6	98.6	73.2	43.2	32.5	8.6	3.0	2.2	11.3	44.0	88.9	146.0	683.1	
BORNOVA	10	1963-1993	108.0	85.6	69.0	48.0	32.2	9.6	2.7	2.2	10.7	35.9	79.3	123.1	606.3	
KEMALPAŞA	200	1938-1945 1947-1951 1953-1982 1985-1993	221.4	160.1	120.9	73.3	44.2	18.1	4.5	3.1	14.3	47.1	127.1	245.1	1079.2	
TURGUTLU	69	1932-1972 1974-1993	100.5	83.7	65.2	44.5	35.5	12.6	6.1	2.7	31.7	38.0	72.0	119.8	612.3	
SALİHLİ	111	1940-1993	75.4	65.7	58.4	24.5	33.3	16.4	5.6	4.4	9.9	33.6	55.0	81.1	463.3	
ALAŞEHİR	189	1932-1975 1977-1979 1983-1993	71.7	68.5	55.7	33.4	35.5	17.1	7.9	4.3	9.1	34.2	56.2	82.5	476.1	
NAZILLI	60	1930-1953 1957-1968 1972-1993	107.3	80.0	62.9	41.3	33.8	14.4	7.7	3.2	10.3	41.3	69.9	117.6	589.7	
KUYUCAK	100	1962-1992	96.8	77.6	58.8	46.3	35.0	16.2	6.1	7.4	9.7	31.8	63.9	107.4	557.0	
SULTANHİSAR	70	1961-1993	111.8	93.0	66.2	47.1	31.1	13.2	4.7	4.8	11.2	35.5	72.3	125.2	616.1	
UMURLU	70	1938-1939 1949-1954 1965-1984 1986-1990	127.6	100.8	79.3	42.2	35.9	24.8	2.1	1.0	10.9	44.0	89.2	128.6	686.4	
AYDIN	57	1930-1993	116.7	93.7	70.4	45.5	33.1	14.8	3.4	2.2	13.6	57.0	74.3	132.7	657.4	
GERMENÇİK	45	1961 1963-1985 1988-1993	125.7	99.7	79.0	63.8	28.6	10.5	1.4	1.7	14.8	42.8	92.8	158.6	719.4	
KUŞADASI	22	1930-1953 1957-1993	125.2	97.3	74.8	39.2	23.5	5.2	0.9	0.9	12.8	46.6	84.8	143.5	654.7	
DEĞİRMENDERE	200	1965-1993	187.0	139.3	103.0	57.3	27.6	14.3	4.4	1.9	9.1	45.0	129.9	221.3	940.1	
BOZDAĞ (Dsl)	1150	1962-1993	241.7	185.6	142.8	101.6	67.0	33.0	12.2	6.6	19.9	61.0	151.7	264.6	1282.7	
DOĞANLAR (Dsl)	450	1970-1993	104.6	83.9	73.6	48.8	32.0	20.0	6.1	8.4	9.1	38.5	78.0	113.7	616.7	
ÖREN (Dsl)	940	1961-1993	89.9	94.5	77.8	57.8	55.2	22.9	11.2	4.4	15.3	42.7	95.3	136.1	703.1	
AŞ ÖRENÇİK (Dsl)	700	1971-1993	122.5	112.5	75.8	53.2	37.4	17.3	5.8	4.1	7.0	44.2	104.7	139.6	724.1	
KAYRAN (Dsl)	600	1970-1993	137.2	106.0	87.6	63.9	40.2	17.3	7.2	8.1	9.2	39.8	100.6	124.7	741.8	
HASKÖY (Dsl)	450	1962-1993	137.7	105.2	82.2	53.6	36.5	16.4	8.2	6.5	11.1	37.9	89.4	148.2	732.9	
BAŞÇAYIR (Dsl)	380	1971-1993	151.4	114.7	91.3	66.0	39.2	20.7	4.7	5.6	8.8	43.4	116.6	151.6	814.0	
SOMAK (Dsl)	550	1969-1993	119.1	100.2	86.7	65.9	37.8	20.9	4.3	3.0	14.2	50.8	104.4	132.7	740.0	
ÇINARDIŞI	730	1962-1993	156.8	129.5	108.6	78.3	47.7	14.2	4.0	2.2	17.4	53.3	109.2	204.2	925.4	

Table-A.3 Seasonal Distribution Of Mean Annual Precipitation Of Meteorological Stations Within The Catchment Area Of KUÇUK Menderes River

Station Name	Mean Annual Precip. (mm)	Spring <March-May>		Summer <June-Augus>		Autumn <September-November>		Winter <December-February>	
		(mm)	(%)	(mm)	(%)	(mm)	(%)	(mm)	(%)
SELÇUK	684.3	157.2	23	12.0	2	141.9	21	373.2	54
BOĞAZIÇI	843.3	184.4	22	21.4	3	186.7	22	450.8	53
TORBALI	682.2	148.4	22	13.9	2	137.5	20	382.4	56
DAĞKIZILCA	834.2	182.9	22	26.6	3	174.6	21	450.1	54
BAYINDIR	663.9	160.1	24	19.2	3	128.0	19	356.6	54
TIRE	770.5	177.3	23	19.8	3	146.2	19	427.2	55
ÖDEMiŞ	637.3	154.2	24	26.0	4	133.0	21	324.1	51
OVAKENT	620.5	153.6	25	25.0	4	126.0	20	315.9	51
KIRAZ	551.3	136.9	25	18.3	3	101.9	18	294.2	53
BEYDAĞ	806.3	191.4	24	32.9	4	144.7	18	437.3	54
BOZDAĞ	1287.7	311.4	24	51.8	4	232.6	18	691.9	54

Table-A.4 Mean Monthly Temperature Values Of Selçuk Meteorological Station

Year	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Mean
1964	4.3	7.6	11.4	15.0	18.4	24.5	25.9	25.1	20.3	17.5	12.7	11.0	16.1
1965	8.4	8.0	10.8	13.9	17.6	24.4	25.8	23.6	20.9	14.2	13.1	11.7	16.0
1966	9.6	11.4	11.4	15.6	18.4	23.2	25.9	25.6	20.8	18.9	16.2	10.4	17.3
1967	7.8	5.9	9.3	14.1	19.5	23.3	26.3	26.5	21.1	16.6	11.5	10.5	16.0
1968	7.3	9.6	9.8	15.7	21.4	23.7	26.6	23.1	20.9	16.0	12.9	9.9	16.4
1969	6.5	10.6	10.5	12.2	20.3	24.2	25.1	24.8	22.4	16.0	12.7	12.1	16.5
1970	10.5	11.3	12.3	15.7	18.3	24.2	26.0	25.7	20.9	15.7	12.6	8.6	16.8
1971	11.0	8.3	11.6	14.1	20.1	24.1	25.6	26.0	20.7	14.5	12.4	7.6	16.3
1972	6.5	8.2	10.4	16.4	19.3	24.1	25.3	25.6	22.3	15.6	12.2	5.5	16.0
1973	6.6	10.6	9.8	13.6	19.6	23.8	26.8	25.1	21.8	16.8	10.6	10.8	16.3
1974	4.4	9.6	11.4	13.4	18.7	24.0	27.5	24.9	21.5	18.7	12.3	7.7	16.2
1975	6.7	7.2	12.5	14.7	19.2	23.0	26.4	24.5	22.7	16.8	11.7	7.5	16.1
1976	7.4	6.9	10.2	14.4	19.2	23.0	24.7	23.3	19.4	16.5	12.3	8.8	15.5
1977	8.2	11.7	9.8	14.5	20.5	24.1	26.6	25.3	20.5	13.9	14.8	8.0	16.5
1978	8.5	10.9	11.5	14.7	19.8	24.0	26.5	23.9	19.3	15.9	9.2	10.3	16.2
1979	9.2	10.3	12.1	14.0	19.0	24.8	25.6	25.2	21.1	17.0	12.7	9.9	16.7
1980	7.0	7.5	10.1	13.5	18.5	23.1	26.0	25.1	20.1	18.1	14.5	10.2	16.1
1981	8.2	8.1	12.2	14.5	17.6	24.6	25.2	25.0	20.9	18.7	10.7	13.1	16.6
1982	9.1	6.5	9.8	14.3	17.6	22.9	24.6	24.2	21.9	16.4	10.4	9.6	15.6
1983	5.6	6.7	10.1	15.4	19.8	22.7	26.1	24.7	20.3	15.3	12.1	10.3	15.8
1984	9.0	9.2	10.5	13.0	19.6	22.9	25.5	23.5	21.1	16.9	13.2	7.8	16.0
1985	10.8	6.3	10.4	15.4	20.8	23.4	25.9	25.4	21.3	14.1	14.2	9.4	16.5
1986	10.3	10.4	10.7	16.1	19.5	23.8	26.0	25.7	22.2	16.2	9.2	7.2	16.4
1987	10.5	9.6	7.1	12.9	17.3	23.6	26.5	24.6	21.7	15.4	12.1	8.8	15.8
1988	8.7	8.4	10.3	14.2	19.4	23.7	28.2	25.2	21.3	15.7	9.6	9.3	16.2
1989	4.6	7.8	12.4	16.9	18.7	22.3	26.6	25.5	22.0	15.5	11.4	9.1	16.1
1990	5.3	8.4	11.4	15.0	18.9	23.8	26.5	25.0	20.9	17.1	15.1	11.2	16.6
1991	7.7	9.9	12.7	14.6	17.4	24.3	26.1	25.9	20.6	16.8	12.4	5.5	16.2
1992	4.7	5.3	9.6	14.5	18.3	23.9	25.6	25.7	20.8	19.0	11.6	6.4	15.5
1993	6.4	6.6	10.1	14.1	18.5	24.0	26.3	25.3	21.0	17.9	11.5	11.0	16.0
Or./Avt.	7.7	8.6	10.7	14.5	19.0	23.7	26.1	25.0	21.1	16.5	12.3	9.3	16.2

Table-A.5 Mean Monthly Temperature Values Of Torbalı Meteorological Station

Year	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Mean
	(°C)												
1977	8.2	11.6	11.4	13.9	21.3	26.2	28.1	28.3	24.0	18.2	15.6	8.1	17.9
1978	8.3	10.4	11.9	15.0	20.7	25.3	27.8	26.2	21.2	17.8	10.8	9.8	17.1
1979	8.3	10.3	12.4	14.9	20.9	26.7	27.6	29.6	24.6	18.4	13.8	9.6	18.1
1980	6.6	7.6	10.7	14.2	19.6	25.0	28.2	30.9	22.1	19.1	14.8	10.1	17.4
1981	8.0	8.1	13.4	15.9	19.0	26.9	29.9	27.8	23.6	20.3	12.4	8.4	17.8
1985	10.0	5.6	11.1	16.2	22.1	25.1	27.5	28.1	23.9	16.3	14.3	9.6	17.5
1986	9.2	9.1	10.8	16.4	19.4	23.6	26.1	26.9	22.9	16.4	9.4	6.8	16.4
1987	8.5	8.6	6.4	12.6	17.9	23.8	27.3	25.4	23.7	16.2	11.2	7.9	15.8
1988	7.7	7.5	9.2	14.1	19.6	24.4	29.2	26.6	22.4	16.4	9.0	8.4	16.2
1989	4.9	7.6	12.3	16.9	18.2	22.5	26.4	25.8	22.5	15.8	10.9	7.4	15.9
1990	5.9	9.2	11.4	14.6	18.6	23.6	27.5	26.0	21.6	18.2	12.4	9.7	16.6
1991	7.2	8.5	12.6	15.4	18.1	25.6	27.4	27.7	23.1	18.0	12.7	5.4	16.8
1992	5.3	5.5	9.8	15.2	20.0	25.2	27.1	28.2	23.1	26.5	11.6	6.3	17.0
1993	8.3	7.6	11.1	15.9	19.6	23.6	26.1	28.1	23.6	17.8	14.8	9.6	17.2
Or./Avr.	7.6	8.4	11.0	15.1	19.6	24.8	27.6	27.5	23.0	18.2	12.4	8.4	17.0

Table-A.6 Mean Monthly Temperature Values Of Dağkızılca Meteorological Station

Year	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Mean
	(°C)												
1985	8.7	4.0	10.1	14.9	20.8	23.2	25.8	27.0	22.5	15.9	14.2	9.7	16.4
1986	8.8	7.9	10.2	15.8	17.1	22.9	25.8	27.1	23.2	16.9	10.3	7.4	16.1
1987	8.2	8.0	5.4	11.5	16.8	23.2	27.7	25.4	23.8	15.5	11.1	7.8	15.4
1988	7.8	6.8	8.6	12.9	18.8	23.3	27.9	26.6	22.4	15.5	8.6	8.0	15.6
1989	4.6	7.3	11.2	16.7	17.1	21.9	26.0	26.0	22.0	15.5	11.0	7.8	15.6
1990	5.3	6.6	11.6	13.6	18.1	22.5	26.2	25.8	21.4	18.1	14.3	9.3	16.1
1991	6.1	7.0	11.3	12.7	15.1	22.6	24.7	25.0	21.7	16.9	11.9	3.9	14.9
1992	4.8	3.9	7.6	12.9	17.3	22.5	24.0	26.9	20.9	19.4	11.5	4.8	14.7
1993	5.7	4.2	8.2	11.9	17.3	23.2	25.2	25.4	21.9	19.4	10.2	9.9	15.2
Or./Avr.	6.7	6.2	9.4	13.7	17.6	22.8	25.9	26.1	22.2	17.0	11.5	7.6	15.6

Table-A.7 Mean Monthly Temperature Values Of Bayındır Meteorological Station

Year	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Mean
1964	5.1	7.9	12.0	16.0	19.8	25.7	27.4	26.5	22.1	19.9	13.7	11.5	17.3
1965	9.1	7.8	12.0	14.4	18.8	25.8	28.0	25.9	24.0	16.8	13.7	11.4	17.3
1966	9.5	12.5	12.0	16.8	19.8	24.5	28.1	28.1	23.1	21.5	16.6	10.7	18.6
1967	8.1	7.2	11.0	15.3	20.3	24.1	27.9	29.3	24.0	19.5	13.3	10.5	17.5
1968	7.2	10.6	11.3	17.9	24.1	25.2	28.5	25.8	23.2	17.9	14.2	10.4	18.0
1969	6.9	10.6	11.4	13.0	21.7	25.5	26.0	27.0	24.7	18.4	15.0	11.1	17.6
1970	10.2	11.1	12.7	17.3	19.2	26.0	28.0	28.1	23.5	17.0	14.1	9.2	18.0
1971	11.7	8.9	11.7	15.0	21.6	25.6	26.8	28.0	24.0	17.4	14.1	8.5	17.8
1972	7.7	9.1	12.3	17.4	20.9	25.8	27.0	27.1	24.2	17.0	13.9	8.2	17.6
1973	7.8	10.9	10.9	14.6	22.1	24.9	28.7	27.1	25.3	19.6	12.7	11.3	18.0
1974	5.9	10.2	13.0	14.6	19.9	25.6	25.3	27.2	24.5	21.7	13.7	9.0	17.6
1975	8.0	7.8	13.4	16.8	20.6	24.6	28.3	27.0	25.4	19.7	13.5	8.3	17.8
1976	8.1	7.3	11.9	15.3	21.2	24.6	26.6	25.0	22.5	19.0	13.8	9.1	17.0
1977	8.5	11.9	11.6	15.8	22.0	26.0	28.6	27.9	22.6	16.3	15.2	8.4	17.9
1978	8.6	10.6	12.3	15.3	21.1	25.7	28.5	26.1	21.2	18.0	11.8	10.6	17.5
1979	8.5	10.2	13.0	15.1	20.3	26.5	27.6	27.1	24.6	19.0	13.7	10.1	18.0
1980	7.2	8.2	10.7	14.4	19.5	25.1	28.3	27.4	22.6	20.2	15.2	10.0	17.4
1981	7.8	8.3	13.4	16.2	18.6	26.9	26.8	27.4	23.9	21.3	11.6	12.5	17.9
1982	9.1	7.2	10.3	15.0	19.5	24.8	25.8	26.4	24.6	18.6	12.4	10.3	17.0
1983	6.0	7.4	11.2	16.7	20.5	23.7	26.9	25.7	21.9	16.3	12.6	10.6	16.6
1984	9.2	9.8	10.8	13.6	21.5	24.5	26.9	25.4	23.8	19.7	13.6	8.4	17.3
1985	10.3	6.1	11.5	16.7	22.1	25.0	27.3	27.3	23.2	15.6	15.2	9.7	17.5
1986	10.4	10.6	11.8	17.6	20.1	25.2	27.6	27.8	23.7	17.2	10.0	7.7	17.5
1987	10.3	9.8	7.2	14.1	19.3	25.5	28.9	26.9	24.8	17.0	12.4	8.5	17.0
1988	8.9	8.3	9.7	14.9	20.6	26.3	29.6	28.2	21.7	16.5	9.7	7.3	16.8
1989	3.1	6.3	12.2	17.4	19.4	24.7	29.4	28.4	23.8	15.2	8.9	6.8	16.3
1990	4.4	7.0	12.2	13.7	20.7	26.1	29.6	27.4	22.9	18.7	15.2	11.0	17.4
1991	3.5	5.0	6.8	14.0	19.7	25.8	27.5	29.7	22.9	19.8	11.0	5.4	15.9
1992	6.7	9.0	13.2	14.7	18.0	25.7	27.6	27.5	21.6	18.4	11.8	5.1	16.6
Or./Avr.	7.9	8.9	11.5	15.5	20.4	25.4	27.7	27.2	23.5	18.4	13.2	9.4	17.4

Note: Mean monthly temperature values of Bayındır meteorological station for the years 1964/1983 and 1986-1992 are obtained from the linear correlation with the mean monthly temperature values of Tire meteorological station.

Table-A.8 Mean Monthly Temperature Values Of Tire Meteorological Station

Year	Months												Annual Mean
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	4.5	7.3	11.4	15.4	19.2	25.1	26.8	25.9	21.5	19.3	13.1	10.9	16.7
1965	8.3	7.9	11.4	14.4	18.3	25.4	27.0	25.1	23.3	15.8	13.7	11.4	16.8
1966	9.5	12.2	11.7	16.3	19.3	24.2	27.3	27.6	22.3	20.7	16.0	9.6	18.1
1967	7.5	6.0	10.1	14.7	20.0	24.0	27.5	28.3	22.8	17.5	11.5	10.1	16.7
1968	7.0	9.8	10.4	17.3	23.6	25.1	28.2	25.2	22.1	16.4	12.8	9.7	17.3
1969	6.7	10.4	11.3	12.7	22.0	25.5	26.1	26.8	24.2	17.3	13.8	11.4	17.4
1970	10.1	11.3	12.6	17.4	19.0	25.4	27.4	27.6	22.9	16.5	13.3	8.8	17.7
1971	11.6	8.2	11.9	14.8	21.4	25.4	26.3	27.5	23.0	16.2	13.3	7.8	17.3
1972	7.0	8.5	11.7	17.2	20.5	25.3	26.7	26.9	23.5	16.0	12.8	6.8	16.9
1973	7.0	10.7	10.5	14.3	21.4	24.5	28.1	26.5	24.3	18.7	11.4	10.6	17.3
1974	4.6	9.8	12.4	14.1	19.6	25.1	28.0	26.4	23.1	20.3	12.4	7.5	16.9
1975	6.8	7.2	12.9	16.0	20.1	24.0	27.9	26.1	23.9	17.8	12.1	7.3	16.8
1976	7.4	6.7	11.1	15.2	20.4	24.0	25.9	24.1	21.5	18.1	13.0	8.9	16.4
1977	8.0	11.8	11.1	15.4	21.5	25.5	28.1	27.4	22.0	15.4	15.1	7.8	17.4
1978	8.2	10.8	12.0	14.9	20.7	25.2	28.1	25.5	20.6	17.1	10.6	10.1	17.0
1979	8.8	10.2	13.1	14.8	19.7	25.3	26.8	26.8	23.6	18.3	12.6	9.3	17.4
1980	6.6	7.6	10.4	14.0	19.5	24.5	27.7	26.8	21.6	19.4	14.2	10.2	16.9
1981	7.6	8.2	13.1	15.9	18.8	26.7	26.8	26.9	23.0	20.4	10.7	12.7	17.6
1982	9.0	6.7	10.1	15.0	19.0	24.6	25.5	26.0	24.0	17.6	10.8	9.6	16.5
1983	5.4	6.8	10.6	16.1	19.9	23.1	26.3	25.1	21.3	15.7	12.0	10.0	16.0
1984	8.2	8.9	10.5	12.9	20.6	23.8	25.7	24.5	22.8	17.9	12.5	7.2	16.3
1985	10.2	5.7	11.0	15.8	21.6	24.3	26.7	26.7	22.6	15.0	14.6	9.1	16.9
1986	9.8	10.0	11.2	17.0	19.5	24.6	27.0	27.2	23.1	16.6	9.4	7.1	16.9
1987	9.7	9.2	6.6	13.5	18.7	24.9	28.3	26.3	24.2	16.4	11.8	7.9	16.5
1988	8.3	7.7	9.1	14.3	20.0	25.7	29.0	27.6	21.1	15.9	9.1	6.7	16.2
1989	2.5	5.7	11.6	16.8	18.8	24.1	28.8	27.8	23.2	14.6	8.3	6.2	15.7
1990	3.8	6.4	11.6	13.1	20.1	25.5	29.0	26.8	22.3	18.1	14.6	10.4	16.8
1991	2.9	4.4	6.2	13.4	19.1	25.2	26.9	29.1	22.3	19.2	10.4	4.8	15.3
1992	6.1	8.4	12.6	14.1	17.4	25.1	27.0	26.9	21.0	17.8	11.2	4.5	16.0

Ort./Avr.	7.4	8.4	11.0	15.1	20.0	24.9	27.3	26.6	22.7	17.4	12.3	8.8	16.8
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Table-A.9 Mean Monthly Temperature Values Of Ovakent Meteorological Station

Year	Months												Annual Mean
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	7.2	9.7	13.4	16.9	20.3	25.6	27.1	26.3	22.4	20.4	14.9	12.9	18.1
1965	10.6	10.3	13.4	16.1	19.5	25.8	27.3	25.6	24.0	17.3	15.4	13.4	18.2
1966	11.7	14.1	13.7	17.7	20.4	24.8	27.5	27.8	23.1	21.7	17.5	11.8	19.3
1967	9.9	8.6	12.2	16.3	21.0	24.6	27.7	28.4	23.5	18.8	13.5	12.2	18.1
1968	9.5	12.0	12.5	18.6	24.2	25.6	28.3	25.7	22.9	17.8	14.6	11.9	18.6
1969	9.2	12.5	13.3	14.5	22.8	25.9	26.5	27.1	24.8	18.6	15.5	13.4	18.7
1970	12.2	13.3	14.5	18.7	20.1	25.8	27.6	27.8	23.6	17.9	15.1	11.1	19.0
1971	13.6	10.5	13.8	16.4	22.3	25.8	26.6	27.7	23.7	17.7	15.1	10.2	18.6
1972	9.5	10.8	13.7	18.5	21.5	25.8	27.0	27.2	24.2	17.5	14.6	9.3	18.3
1973	9.5	12.8	12.6	16.0	22.3	25.0	28.2	26.8	24.9	19.9	13.4	12.7	18.7
1974	7.3	12.0	14.3	15.8	20.7	25.6	28.2	26.7	23.8	21.3	14.3	9.9	18.3
1975	9.3	9.7	14.7	17.5	21.1	24.6	28.1	26.5	24.5	19.1	14.0	9.7	18.2
1976	9.8	9.2	13.1	16.8	21.4	24.6	26.3	24.7	22.4	19.3	14.8	11.2	17.8
1977	10.4	13.7	13.1	16.9	22.4	25.9	28.2	27.6	22.8	16.9	16.7	10.2	18.7
1978	10.5	12.9	13.9	16.5	21.7	25.7	28.2	25.9	21.6	18.5	12.7	12.2	18.4
1979	11.1	12.3	14.9	16.4	20.8	25.8	27.1	27.1	24.2	19.5	14.5	11.5	18.8
1980	9.1	10.0	12.5	15.7	20.6	25.0	27.9	27.1	22.5	20.5	15.9	12.3	18.3
1981	10.0	10.5	14.9	17.4	20.0	27.0	27.1	27.2	23.7	21.4	12.8	14.5	18.9
1982	11.3	9.2	12.2	16.6	20.1	25.1	25.9	26.4	24.6	18.9	12.9	11.8	17.9
1983	8.0	9.3	12.7	17.6	20.9	23.8	26.6	25.6	22.2	17.2	13.9	12.1	17.5
1984	10.5	11.2	12.6	14.7	21.6	24.4	26.1	25.0	23.5	19.2	14.4	9.7	17.7
1985	12.3	8.3	13.0	17.3	22.5	24.9	27.0	27.0	23.4	16.6	16.2	11.3	18.3
1986	12.0	12.1	13.2	18.4	20.6	25.1	27.3	27.4	23.8	18.0	11.6	9.6	18.3
1987	11.9	11.4	9.1	15.3	19.9	25.4	28.4	26.6	24.8	17.8	13.7	10.3	17.9
1988	8.7	8.0	7.2	15.3	17.8	26.5	30.5	28.5	23.9	17.2	9.8	8.9	16.9
1989	5.3	8.6	13.0	19.5	20.1	24.6	28.1	28.2	23.4	16.2	11.7	13.2	17.7
1990	5.8	8.4	13.3	15.4	21.0	25.3	29.5	27.7	22.6	19.0	15.0	9.9	17.7
1991	6.3	7.6	11.4	17.8	22.0	23.6	28.7	28.1	24.1	18.6	12.4	11.9	17.7
1992	7.6	8.1	12.4	18.7	19.6	22.8	29.4	27.5	23.2	19.1	11.8	9.2	17.5
1993	6.6	7.4	11.8	17.3	20.4	25.2	26.9	27.3	23.6	18.7	14.3	10.2	17.5

Oct./Avr.	9.6	10.5	12.9	16.9	21.0	25.2	27.6	27.0	23.5	18.7	14.1	11.3	18.2
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Note : Mean monthly temperature values of Ovakent meteorological station between the years 1964-1987 are obtained from the linear correlation with the mean monthly temperature values of Tire meteorological station.

Table-A.10 Mean Monthly Temperature Values Of Ödemiş Meteorological Station

Year	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Mean
1915	7.0	5.7	7.8	13.9	23.3	25.6	28.9	28.5	23.3	15.7	13.3	8.9	16.8
1916	7.5	7.5	9.7	15.9	19.9	25.7	29.5	30.0	26.3	15.8	14.6	10.1	17.7
1917	6.1	10.5	14.0	17.6	21.6	25.9	29.2	28.2	23.5	16.0	13.2	11.3	18.1
1918	10.3	7.5	7.9	14.7	19.8	23.4	28.4	29.3	23.5	17.3	10.7	4.0	16.4
1919	6.1	6.1	8.8	12.8	21.7	24.1	26.8	26.0	21.3	17.5	15.1	9.4	16.3
1950	3.9	7.5	10.6	17.0	19.9	26.0	29.5	28.0	25.3	16.9	12.3	11.6	17.4
1951	9.4	10.2	12.2	15.6	21.1	25.5	28.1	29.0	23.7	14.8	12.0	6.9	17.4
1959	6.9	4.5	11.1	15.5	20.6	24.9	29.0	27.8	21.6	15.3	11.8	10.5	16.6
1960	7.9	8.9	10.7	14.6	20.3	24.4	27.7	27.5	23.3	20.1	14.6	12.3	17.7
1961	7.2	7.5	11.6	17.5	19.7	24.7	28.3	28.5	22.3	17.2	13.2	9.5	17.3
1962	8.5	7.2	12.0	14.1	20.9	25.0	27.6	28.1	22.9	17.5	15.3	10.1	17.4
1963	8.3	10.7	9.0	14.4	18.6	24.6	28.2	28.3	24.0	17.3	13.0	9.6	17.2
1964	3.2	7.0	11.0	14.9	19.0	25.0	27.6	26.2	21.2	17.9	12.1	10.1	16.3
1965	7.9	7.0	10.7	13.6	17.9	25.0	27.4	25.5	22.8	14.5	12.1	10.4	16.2
1966	8.5	10.8	10.7	15.5	18.7	24.0	27.7	27.6	21.5	19.4	15.2	9.3	17.4
1967	7.0	5.7	9.8	14.3	19.5	23.6	27.7	28.0	22.1	17.0	11.1	9.3	16.3
1968	6.3	9.3	10.1	16.8	23.3	24.7	28.1	25.0	21.7	16.2	12.6	9.3	17.0
1969	6.3	9.9	10.9	12.5	21.5	24.6	25.7	26.6	23.7	16.6	13.0	10.9	16.9
1970	9.7	10.3	11.8	16.1	18.3	24.8	27.0	26.6	21.8	15.0	11.9	7.9	16.8
1971	10.2	7.6	10.7	13.7	20.1	24.4	26.0	26.8	22.0	14.9	11.9	7.1	16.3
1972	6.1	7.6	10.9	16.3	20.0	24.5	26.4	25.9	22.5	15.1	11.1	5.2	16.0
1973	5.9	9.8	9.6	13.5	20.9	24.2	27.8	26.4	23.5	17.4	10.0	9.9	16.6
1974	4.2	9.0	11.9	13.3	18.6	24.4	27.7	26.2	22.3	19.0	11.3	6.9	16.2
1975	5.9	6.8	11.8	15.0	19.2	23.4	27.4	25.4	23.2	16.5	10.9	6.9	16.0
1976	6.5	6.2	10.6	14.3	19.8	23.8	25.6	23.8	20.5	17.5	12.2	8.1	15.7
1977	7.1	10.5	10.2	14.7	21.1	25.1	27.8	26.8	21.3	14.0	13.8	7.4	16.7
1978	7.8	10.3	11.1	14.2	19.9	24.6	27.7	24.8	19.8	16.6	9.3	9.2	16.3
1979	8.1	9.4	12.0	13.7	19.1	25.0	26.5	25.8	22.6	17.3	11.8	8.8	16.7
1980	6.2	7.1	9.4	13.3	18.6	23.6	27.2	26.0	20.9	18.1	13.5	8.9	16.1
1981	7.4	7.5	12.3	14.9	17.9	25.7	26.3	26.3	21.8	19.1	10.0	12.0	16.8
1982	8.1	6.2	9.6	14.3	18.9	24.4	25.1	25.6	23.4	16.7	10.2	9.0	16.0
1983	5.2	6.1	10.3	15.8	19.9	22.9	26.3	25.3	21.4	15.7	11.5	9.4	15.8
1984	8.1	9.1	10.4	12.7	20.7	24.0	26.2	24.5	22.4	17.8	12.1	7.5	16.3
1985	9.6	5.1	10.7	15.5	21.4	24.7	27.1	27.3	22.6	14.7	13.8	8.9	16.8
1986	9.1	9.4	10.9	16.7	19.5	24.7	27.6	27.7	23.4	16.2	9.2	6.8	16.8
1987	8.6	9.0	6.7	13.0	18.3	25.1	28.6	26.2	23.9	15.8	11.3	8.2	16.2
1988	7.6	7.7	9.1	14.4	20.9	25.5	29.7	26.8	22.1	16.0	9.0	8.7	16.5
1989	4.4	7.8	12.3	18.4	19.4	23.8	27.5	26.5	22.2	14.9	10.8	8.1	16.3
1990	5.1	7.9	12.2	14.9	20.0	24.5	28.5	26.1	21.1	17.4	13.6	9.5	16.7
1991	6.6	7.8	12.5	14.7	17.3	25.4	26.6	26.7	21.7	17.2	11.9	4.9	16.1
1992	4.1	4.7	9.1	14.5	19.6	24.5	26.0	27.3	21.5	19.2	10.5	5.4	15.5
1993	5.5	5.6	9.8	13.9	18.7	25.0	27.1	27.5	21.8	18.6	11.1	9.7	16.2
Ort./Avr.	6.9	7.9	10.6	14.8	20.7	24.6	26.1	27.6	22.5	16.7	12.1	8.7	16.6

Table-A.11 Monthly Mean, Maximum And Minimum Temperature Values For Some Meteorological Stations Within And Nearby The Catchment Area Of Küçük Menderes River

Station	Elevation	Observation Period	Months												Annual	
			I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII		
A) Within the Catchment Area																
ÖDEMiŞ	118	1944-1951 1959-1993	Max.	22.6	25.4	30.4	44.0	45.0	45.0	46.5	45.0	40.8	37.5	31.4	23.0	46.5
			Mean	6.9	7.9	10.6	14.8	20.7	24.6	26.1	27.6	26.1	22.5	16.7	12.1	8.7
			Min.	-10.0	-9.1	-5.7	-1.4	1.7	5.6	10.2	8.0	4.9	-2.0	-7.0	-9.0	-10.0
OVAKENT	250	1987-1993	Max.	20.3	22.4	25.0	31.5	38.3	38.4	42.5	39.2	37.0	33.4	28.8	21.6	42.5
			Mean	6.7	8.0	11.5	17.3	20.2	24.7	28.9	27.8	23.7	18.0	12.5	10.3	17.5
			Min.	-4.5	-3.2	-0.2	3.0	4.9	8.5	18.0	12.4	10.0	-1.0	-1.6	-3.0	-4.5
TIRE	100	1964-1992	Max.	23.2	24.0	31.3	34.2	39.8	42.3	44.3	42.7	40.3	37.0	29.3	23.6	44.3
			Mean	7.4	8.4	11.0	15.1	20.0	24.9	27.3	26.6	22.7	17.4	12.0	8.8	16.8
			Min.	-8.0	-6.8	-5.4	0.8	4.2	8.8	11.0	10.6	7.2	0.0	-3.8	-5.6	-8.0
BAYINDIR	100	1965-1982 1984-1985	Max.	23.5	24.6	31.5	34.0	38.5	40.6	43.4	41.0	39.2	37.2	28.0	24.0	43.4
			Mean	8.5	9.3	11.9	15.5	20.7	25.3	27.5	27.0	23.8	18.9	13.8	9.9	17.7
			Min.	-8.5	-5.9	-3.4	1.0	6.5	11.0	13.5	13.5	8.5	0.5	-2.7	-5.5	-8.5
TORBALI	40	1977-1981 1985-1993	Max.	20.5	23.2	28.0	31.0	39.4	41.0	45.1	42.4	39.5	37.6	30.5	23.4	45.1
			Mean	7.6	8.4	11.0	15.1	19.6	24.8	27.6	27.5	23.0	18.2	12.4	8.4	17.0
			Min.	-5.3	-5.9	-5.0	3.0	6.1	7.2	13.0	14.1	10.2	2.2	-3.0	-4.8	-5.9
DAĞKIZILCA	200	1985-1993	Max.	19.2	20.6	27.0	31.0	37.6	37.8	42.1	41.2	38.6	36.0	28.4	21.0	42.1
			Mean	6.7	6.2	9.4	13.7	17.6	22.8	25.9	26.1	22.2	17.0	11.5	7.6	15.6
			Min.	-6.4	-10.0	-5.0	2.8	4.0	10.2	13.0	15.4	11.8	-1.2	-2.6	-5.0	-10.0
B) Nearby the Catchment Area																
SEFERİHİSAR	30	1972-1993	Max.	18.8	22.0	27.0	28.6	33.2	38.6	42.4	40.0	37.9	34.3	25.9	21.0	42.4
			Mean	7.9	8.4	10.6	14.2	18.7	23.5	26.1	25.5	22.0	17.3	12.7	9.4	16.4
			Min.	-6.2	-5.4	-3.8	0.2	3.2	8.7	11.5	12.2	8.7	1.7	-2.1	-3.6	-6.2
KUŞADASI	22	1939-1952 1964-1993	Max.	22.5	23.6	30.0	32.5	35.0	39.5	41.5	40.4	37.4	33.5	34.0	27.5	41.5
			Mean	8.7	9.5	11.2	14.8	18.8	23.1	25.1	24.6	21.5	17.4	13.7	10.5	16.6
			Min.	-10.0	-9.5	-9.1	-0.5	3.0	7.7	11.0	12.6	6.0	2.6	-3.2	-6.0	-10.0
SALİHLİ	111	1966-1993	Max.	24.2	24.1	28.0	37.2	38.6	41.0	43.2	41.6	39.5	37.6	29.8	24.5	43.2
			Mean	6	7.4	10.3	15.3	20.2	27.4	26.7	26.1	22.1	16.5	11.1	7.7	16.4
			Min.	1-8.0	-8.6	-5.4	0.0	2.4	7.8	10.7	9.8	6.0	-0.3	-5.2	-8.6	

Table-A.12 Monthly Total Evaporation Values Of Selçuk Meteorological Station

Year	Months												Annual Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1966	Δ	Δ	Δ	125.9	196.6	249.3	255.9	229.5	141.3	109.3	102.9	91.6	1502.3
1967	Δ	Δ	Δ	105.2	162.6	232.9	259.1	251.4	86.2	92.1	60.1	Δ	1249.6
1968	Δ	Δ	Δ	133.6	172.3	207.7	268.2	183.7	152.9	91.9	49.9	69.3	1329.5
1969	62.5	Δ	Δ	93.4	107.4	199.8	232.2	196.6	178.3	133.9	109.4	109.4	1422.9
1970	69.3	Δ	Δ	148.0	91.6	207.7	240.4	270.1	186.6	126.4	61.2	Δ	1401.3
1971	Δ	Δ	Δ	125.2	177.1	212.7	209.6	232.7	160.8	120.6	82.6	Δ	1321.3
1972	Δ	Δ	Δ	138.3	160.3	212.6	186.9	222.5	162.4	90.4	75.6	Δ	1249.0
1973	Δ	Δ	Δ	115.7	158.8	235.9	228.3	218.9	176.2	119.8	63.6	Δ	1317.2
1974	Δ	Δ	Δ	115.8	178.5	210.1	279.1	181.5	168.4	123.3	66.0	Δ	1322.7
1975	Δ	Δ	Δ	98.7	112.9	144.4	171.9	182.5	218.8	142.8	89.6	Δ	1161.6
1976	Δ	Δ	Δ	106.8	133.4	199.4	201.6	178.7	157.9	101.8	70.2	Δ	1149.8
1977	Δ	Δ	Δ	132.9	188.7	213.6	222.6	225.4	141.7	83.5	81.5	Δ	1292.9
1978	Δ	Δ	Δ	94.5	155.1	185.9	225.7	188.7	111.0	43.7	63.6	Δ	1068.2
1979	Δ	Δ	Δ	146.4	110.3	178.6	212.4	183.1	164.0	103.0	75.3	Δ	1173.1
1980	Δ	Δ	Δ	101.6	177.0	182.5	206.1	189.3	159.1	131.7	53.9	Δ	1201.2
1981	Δ	Δ	Δ	122.6	130.1	176.4	171.9	183.7	133.9	118.0	63.6	Δ	1100.2
1982	Δ	Δ	Δ	70.3	89.8	150.6	179.6	159.6	136.7	87.2	27.2	Δ	901.0
1983	Δ	Δ	Δ	163.2	146.8	163.1	186.8	177.9	141.2	102.4	27.8	Δ	1109.2
1984	Δ	Δ	Δ	61.1	159.6	187.2	194.2	168.2	153.8	122.6	27.6	Δ	1074.3
1985	Δ	Δ	Δ	115.9	133.3	168.1	227.2	174.8	173.1	108.6	93.7	Δ	1194.7
1986	Δ	Δ	Δ	135.9	163.6	159.3	191.3	168.9	149.1	135.0	21.6	Δ	1124.7
1987	Δ	Δ	Δ	91.3	132.6	166.4	173.6	169.3	153.8	127.9	78.9	Δ	1093.8
1988	Δ	Δ	Δ	90.4	142.8	166.4	196.6	161.8	171.9	122.0	18.2	Δ	1070.1
1989	Δ	Δ	Δ	144.1	142.1	174.9	207.8	178.5	171.6	87.3	35.2	Δ	1141.5
1990	Δ	Δ	Δ	115.7	139.9	193.8	202.5	177.8	130.7	91.7	88.6	56.0	1196.7
Ort./Avr.	5.3	-	-	115.7	146.5	191.2	213.3	194.2	155.3	108.7	63.6	13.0	1206.8

Δ: Frost/Dou

Table-A.13 Monthly Total Evaporation Values Of Tire Meteorological Station

(Unit : mm)

Year	Months												Annual Total	
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII		
1964	Δ	23.4	69.0	113.5	155.7	221.3	240.2	230.2	181.3	156.8	87.9	63.5	1542.8	
1965		34.5	30.1	69.0	102.4	145.7	224.7	242.4	221.3	201.3	117.9	94.6	69.0	1552.9
1966		47.9	77.9	72.3	123.5	156.8	211.3	245.8	249.1	190.2	172.4	120.1	49.0	1716.3
1967		25.6	9.0	54.6	105.7	164.6	209.1	248.0	256.9	195.7	136.8	70.1	51.6	1530.7
1968		20.1	51.2	57.9	134.6	204.6	221.3	255.8	222.4	188.0	124.6	84.6	50.1	1615.2
1969		16.8	57.9	67.9	83.4	186.8	225.8	232.4	240.2	211.3	134.6	95.7	69.0	1621.8
1970		54.6	67.9	82.3	135.7	153.5	224.6	246.9	249.1	196.9	125.7	90.1	40.1	1667.4
1971		71.2	33.4	74.6	106.8	180.2	224.6	234.7	248.0	198.0	122.4	90.1	29.0	1613.0
1972		20.1	36.8	72.3	133.5	170.2	223.5	239.1	241.3	203.5	120.1	84.6	17.9	1562.9
1973		20.1	61.2	59.0	101.2	180.2	214.6	254.7	236.9	212.4	150.2	69.0	60.1	1619.6
1974	Δ	51.2	80.1	99.0	160.2	221.3	253.6	235.8	199.1	168.0	80.1	25.6	1574.0	
1975		17.9	22.3	85.7	120.1	165.7	209.1	252.4	232.4	208.0	140.2	76.8	23.4	1554.0
1976		24.5	16.7	65.7	111.2	169.1	209.1	230.2	210.2	181.3	143.5	86.8	41.2	1489.5
1977		31.2	73.4	65.7	113.5	181.3	225.8	254.7	246.9	186.8	113.5	110.1	29.0	1631.9
1978		33.4	62.3	75.7	107.9	172.4	222.4	254.7	225.8	171.3	132.4	60.1	54.5	1572.9
1979		40.1	55.7	87.9	101.9	128.7	203.8	264.3	242.7	196.9	107.8	41.0	45.6	1516.4
1980		15.6	26.8	57.9	97.9	115.4	238.5	268.4	249.5	196.5	189.6	151.8	55.7	1666.6
1981		26.8	33.4	87.9	119.0	183.3	216.9	254.9	249.2	198.5	186.1	61.8	83.5	1701.3
1982		42.3	16.8	54.6	109.0	199.2	220.1	248.5	246.6	205.4	187.5	62.3	49.0	1641.3
1983		2.3	17.9	60.1	121.3	217.6	215.7	248.0	247.4	208.0	172.0	41.9	53.4	1605.6
1984		33.4	41.2	59.0	85.7	195.4	214.0	255.6	198.5	176.6	167.1	50.2	40.9	1517.6
1985		55.7	5.6	64.6	117.9	173.5	206.7	252.1	269.1	170.8	78.9	48.5	43.4	1486.8
1986		51.2	53.4	66.8	131.3	164.7	210.8	267.1	255.4	207.0	175.1	99.9	21.2	1703.9
1987		50.1	44.5	15.6	92.4	127.9	197.7	244.8	228.4	179.8	92.1	42.9	30.1	1346.3
1988		34.5	27.9	43.4	101.2	161.8	198.8	246.6	227.2	181.6	87.0	43.8	16.8	1370.6
1989	Δ	5.6	71.2	129.1	171.4	210.0	251.2	229.6	187.8	90.1	56.0	11.2	1413.2	
1990	Δ	13.4	71.2	87.9	174.6	207.4	254.8	199.0	177.0	101.4	57.0	57.9	1401.6	
1991	Δ	Δ	11.2	91.3	154.6	222.4	241.3	265.8	190.2	155.7	57.9	Δ	1390.4	
1992		10.1	35.7	82.3	99.0	135.7	221.3	242.4	241.3	175.7	140.2	66.8	Δ	1450.5
Or/Avr.		26.9	36.3	65.0	109.5	167.3	216.3	249.2	237.8	192.3	137.6	75.4	40.8	1554.4

Note: Monthly total evaporation values of Tire meteorological station between the years 1964-1978, 1991 and 1992 are obtained from the linear correlation between temperature and evaporation.

Δ: Frost/Don

Table-A.14 Results Of Correlation Studies To Calculate Monthly Total Evaporation Values Of Damsites

Dependent Variable, Y_A	Independent Variable, X_B	Years Included In Correlation	Correlation Coefficient, R	Regression Equation
Tire	Tire		R= 0.92	$Y_A = -57.73946 + 11.11766 X_B$
Buharlaşma	Sıcaklık	1979-1990		
Evaporation	Temperature		R= 0.90	$Y_A = 0.206174 + 1.526535 \text{ Log } X_B$
Ovakent	Tire		R= 0.97	$Y_A = 3.23987 + 0.88966 X_B \text{ Log}$
Sıcaklık	Sıcaklık	1988-1992		
Temperature	Temperature		R= 0.95	$Y_A = 0.3880596 + 0.7156448 \text{ Log } X_B$
Ödemiş	Tire		R= 0.99	$Y_A = -0.16295 + 0.98541 X_B \text{ Log}$
Sıcaklık	Sıcaklık	1964-1992		
Temperature	Temperature		R= 0.97	$Y_A = 0.032888 + 0.962624 \text{ Log } X_B$
Bayındır	Tire		R= 0.99	$Y_A = 0.63079 + 0.99709 X_B \text{ Log}$
Sıcaklık	Sıcaklık	1965-1985		
Temperature	Temperature		R= 0.99	$Y_A = 0.0722606 + 0.9541374 \text{ Log } X_B$

Table-A.15 Monthly Total Evaporation Values Of Ovakent Meteorological Station

Year	Months												Annual Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	22.8	50.4	91.0	130.6	168.2	226.5	243.3	234.4	191.0	169.2	107.8	86.1	1721.3
1965	60.3	56.5	91.0	120.7	159.3	229.5	245.3	226.5	208.8	134.6	113.8	91.0	1737.3
1966	72.2	98.9	94.0	139.5	169.2	217.6	248.3	251.2	198.9	183.1	136.5	73.2	1882.6
1967	52.5	37.7	78.2	123.7	176.1	215.6	250.3	258.2	203.8	151.4	92.0	78.2	1717.7
1968	47.6	75.2	81.1	149.4	211.8	226.5	257.2	227.5	196.9	140.5	104.9	74.2	1792.8
1969	44.6	81.1	90.0	103.9	195.9	230.6	236.4	243.3	217.6	149.4	114.8	91.0	1798.6
1970	78.2	90.0	102.9	150.4	166.2	229.6	249.3	251.2	204.8	141.5	109.8	65.3	1839.2
1971	93.0	59.4	96.0	124.7	190.0	229.6	238.4	250.3	205.8	138.5	109.8	55.4	1790.9
1972	47.6	62.3	94.0	148.4	181.1	228.5	242.3	244.3	210.8	136.5	104.9	45.5	1746.2
1973	47.5	84.1	82.1	119.7	190.0	220.7	256.2	240.4	218.7	163.3	91.0	83.1	1796.8
1974	23.8	75.2	100.9	117.7	172.2	226.5	255.2	239.4	206.8	179.1	100.9	52.4	1750.1
1975	45.6	49.6	105.9	136.5	177.1	215.6	254.2	236.4	214.6	154.4	97.9	50.4	1738.2
1976	51.5	44.6	88.1	128.6	180.1	215.6	234.4	216.6	191.0	157.3	106.9	66.3	1681.0
1977	57.5	95.0	88.1	130.6	191.0	230.5	256.2	249.3	195.9	130.6	127.6	55.4	1807.7
1978	59.5	85.1	97.0	125.7	183.1	227.6	256.2	230.5	182.1	147.4	83.1	78.2	1755.5
1979	65.3	79.1	107.8	124.7	173.2	228.6	243.3	243.3	211.8	159.3	102.9	70.2	1809.5
1980	43.5	53.4	81.1	116.8	171.2	220.7	252.2	243.3	192.0	170.2	118.7	79.1	1742.2
1981	53.4	59.5	107.8	135.6	164.3	242.3	243.3	244.3	205.8	180.1	84.1	103.9	1824.4
1982	67.3	44.6	78.2	126.6	166.2	221.7	230.6	235.4	215.6	152.4	85.1	73.2	1696.9
1983	31.7	45.5	83.1	137.5	175.1	206.8	238.4	226.5	189.0	133.6	97.0	77.2	1641.4
1984	59.4	66.3	82.1	105.9	182.1	213.6	232.4	220.7	203.8	155.3	101.9	49.6	1673.1
1985	79.1	34.7	87.1	134.6	192.0	218.6	242.3	242.3	201.9	126.6	122.7	68.3	1750.2
1986	75.2	77.2	89.0	146.4	171.2	221.6	245.3	247.3	206.8	142.5	71.2	48.6	1742.3
1987	74.2	69.2	43.6	111.8	163.3	224.6	258.2	238.4	217.6	140.5	95.0	56.5	1692.9
1988	39.0	31.2	22.3	112.4	140.1	236.9	281.3	259.1	208.0	133.5	51.2	41.2	1556.2
1989	1.2	37.9	86.8	159.0	165.7	215.8	254.7	255.8	202.4	122.4	72.3	89.0	1663.0
1990	6.8	35.7	90.1	113.5	175.7	223.6	270.2	250.2	193.5	153.5	109.0	52.3	1674.1
1991	12.3	26.8	69.0	140.2	186.8	204.6	261.3	254.7	210.2	149.0	80.1	74.6	1669.6
1992	26.8	32.3	80.1	150.2	160.2	195.7	269.1	248.0	200.2	154.6	73.5	44.5	1635.2
Oct/Avr.	49.6	59.9	85.8	129.8	175.8	222.3	249.9	241.7	203.7	150.0	98.8	68.1	1735.4

Table-A.16 Monthly Total Evaporation Values From The Reservoir Water Surface Of Beydağ, Piriñçel, Sarılar, Yenişehir And Eğridere Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
1965	118.4	75.5	60.3	42.2	39.6	63.7	84.5	111.5	160.7	171.7	158.6	145.6	1232.3
1966	94.2	79.7	63.7	50.5	69.2	65.8	97.7	118.4	152.3	173.8	175.8	139.2	1280.3
1967	128.2	95.6	51.2	36.8	26.4	54.7	86.6	123.3	150.9	175.2	180.7	142.7	1252.3
1968	106.0	64.4	54.7	33.3	52.6	56.8	104.6	148.3	158.6	180.0	159.3	137.8	1256.4
1969	98.4	73.4	51.9	31.2	56.8	63.0	72.7	137.1	161.4	165.5	170.3	152.3	1234.0
1970	104.6	80.4	63.7	54.7	63.0	72.0	105.3	116.3	160.7	174.5	175.8	143.4	1314.4
1971	99.1	76.9	45.7	65.1	41.6	67.2	87.3	133.0	160.7	165.9	175.2	144.1	1262.8
1972	97.0	76.9	38.8	33.3	43.6	65.8	103.9	126.8	160.0	169.6	171.0	147.6	1234.3
1973	95.6	73.4	31.9	33.3	58.9	57.5	83.8	133.0	154.5	179.3	168.3	153.1	1222.6
1974	114.3	63.7	58.2	16.7	52.6	70.6	82.4	120.5	158.6	178.6	167.6	144.8	1228.6
1975	125.4	70.6	36.7	31.9	34.7	74.1	95.6	124.0	150.9	177.9	165.5	150.2	1237.5
1976	108.1	68.5	35.3	36.1	31.2	61.7	90.0	126.1	150.9	163.9	151.6	133.7	1157.1
1977	110.1	74.8	46.4	40.3	66.5	61.7	91.4	133.7	161.4	179.3	174.5	137.1	1277.2
1978	91.4	89.3	38.8	41.7	59.6	67.9	88.0	128.2	159.3	179.3	142.5	127.5	1213.5
1979	103.2	58.2	54.7	45.7	55.4	75.5	87.3	121.2	160.0	170.3	170.3	148.3	1250.1
1980	111.5	72.0	49.1	30.5	37.4	56.8	81.8	119.8	154.5	176.5	170.3	134.4	1194.6
1981	119.1	83.1	55.4	37.4	41.7	75.5	94.9	115.0	169.6	170.3	171.0	144.1	1277.1
1982	126.1	58.9	72.7	47.1	31.2	54.7	88.6	116.3	155.2	161.4	164.8	150.9	1227.9
1983	106.7	59.6	51.2	22.2	31.9	58.2	96.3	122.6	144.8	166.9	158.6	132.3	1151.3
1984	93.5	67.9	54.0	41.6	46.4	57.5	74.1	127.5	149.5	162.7	154.5	142.7	1171.9
1985	108.7	71.3	34.7	55.4	24.3	61.0	94.2	134.4	153.0	169.6	169.6	141.3	1217.5
1986	88.6	85.9	47.8	52.6	54.0	62.3	102.5	119.8	155.1	171.7	173.1	144.8	1258.2
1987	99.8	49.8	34.0	51.9	48.4	30.5	78.3	114.3	157.2	180.7	166.9	152.3	1164.1
1988	98.4	66.5	39.6	27.3	21.8	15.6	78.7	98.1	165.8	196.9	181.4	145.6	1135.7
1989	93.5	35.8	28.8	0.8	26.5	60.8	111.3	116.0	151.1	178.3	179.1	141.7	1123.7
1990	85.7	50.6	62.3	4.8	25.0	63.1	79.5	123.0	156.5	189.1	175.1	135.5	1150.2
1991	107.5	76.3	36.6	8.6	18.8	48.3	98.1	130.8	143.2	182.9	178.3	147.1	1176.5
1992	104.3	56.1	52.2	18.8	22.6	56.1	105.1	112.1	137.0	188.4	173.6	140.1	1166.4
Ort/Avr.	104.9	69.8	48.2	35.4	42.2	59.9	90.9	123.3	155.5	175.0	168.7	142.9	1216.7

Note: Values given in this table are determined by multiplying the evaporation values of Ovakent station given in Table: 3.15 by 0.7 pan evaporation coefficient.

Table-A.17 Monthly Net Evaporation Values From The Reservoir Water Surface Of Beydağ, Piriñçel, Sarılar, Yenişehir And Eğridere Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
Avr.Evap.	104.9	69.8	48.2	35.4	42.2	59.9	90.9	123.3	155.5	175.0	168.7	142.9	1216.7
Avr.Rain.	43.3	94.9	175.6	138.1	119.5	89.2	56.5	41.7	15.1	9.6	10.1	11.8	805.4
NetEvap.	61.6	-	-	-	-	-	34.4	81.6	140.4	165.4	158.6	131.1	773.1

Note: Rainfall values are taken from Beydağ meteorological station.

Table-A.18 Monthly Total Evaporation Values From The Reservoir Water Surface Of Akyurt Dam

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
1965	109.8	61.5	44.5	24.2	21.1	48.3	71.7	102.0	157.3	169.7	154.9	140.9	1105.9
1966	82.5	66.2	48.3	33.5	54.5	50.6	86.5	109.8	147.9	172.1	174.4	133.1	1159.4
1967	120.7	84.1	34.3	17.9	6.3	38.2	74.0	115.2	146.4	173.6	179.8	137.0	1127.5
1968	95.8	49.1	38.2	14.1	35.8	40.5	94.2	143.2	154.9	179.1	155.7	131.6	1132.2
1969	87.2	59.2	35.1	11.8	40.5	47.5	58.4	130.8	158.1	162.7	168.1	147.9	1107.3
1970	94.2	67.0	48.3	38.2	47.5	57.6	95.0	107.5	157.2	172.8	174.4	137.8	1197.5
1971	88.0	63.1	28.1	49.8	23.4	52.2	74.8	126.1	157.2	164.3	173.6	138.6	1139.2
1972	85.7	63.1	0.3	14.1	25.8	50.6	93.5	119.1	156.5	167.4	168.9	142.5	1107.5
1973	84.1	59.2	12.5	14.1	42.8	41.3	70.8	126.1	150.2	178.3	165.8	148.7	1093.9
1974	105.1	48.3	42.1	Δ	35.8	56.1	69.3	112.1	154.9	177.5	165.1	139.4	1105.7
1975	117.6	56.1	17.9	12.5	15.6	60.0	84.1	116.0	146.4	176.7	162.7	145.6	1111.2
1976	98.1	53.8	16.4	17.2	11.7	46.0	77.8	118.4	146.4	161.1	147.1	126.9	1020.9
1977	100.5	60.8	28.8	21.8	51.4	46.0	79.5	126.9	158.1	178.3	172.8	130.8	1155.7
1978	79.5	77.1	20.3	23.4	43.6	53.0	75.5	120.7	155.7	178.3	158.1	119.9	1105.1
1979	92.7	42.1	38.2	28.1	39.0	61.5	71.3	90.1	142.7	185.0	169.9	137.8	1098.4
1980	75.5	28.7	31.9	10.9	18.8	40.5	68.5	80.8	167.0	187.9	174.7	137.6	1022.8
1981	132.7	108.4	39.0	18.0	23.4	61.5	83.3	128.3	151.8	178.4	174.4	139.0	1239.0
1982	130.3	43.3	58.5	29.6	11.8	38.2	76.3	139.4	154.1	174.0	172.6	143.8	1171.9
1983	131.3	43.6	34.3	1.6	12.5	42.1	84.9	152.3	151.0	173.6	173.2	145.6	1146.0
1984	120.4	29.3	37.4	23.4	28.8	41.3	60.0	136.8	149.8	178.9	139.0	123.6	1068.7
1985	117.0	35.1	28.6	39.0	3.9	45.2	82.5	121.5	141.7	176.5	188.4	119.6	1102.0
1986	55.2	34.0	30.4	35.8	37.4	46.8	91.9	115.3	147.6	187.0	178.8	144.9	1105.1
1987	122.6	69.9	14.8	35.1	31.2	10.9	64.7	89.5	138.4	171.4	159.9	125.9	1034.3
1988	64.5	30.0	21.1	24.2	19.5	30.4	70.8	113.3	139.2	172.6	159.0	127.1	971.7
1989	60.9	30.7	11.8	Δ	3.9	49.8	90.4	120.0	147.0	175.8	160.7	131.5	982.5
1990	63.1	39.2	7.8	Δ	9.4	49.8	61.5	122.2	145.2	178.4	139.3	123.9	939.8
1991	71.0	39.9	40.5	Δ	Δ	7.8	63.9	108.2	155.7	168.9	186.1	133.1	975.1
1992	109.0	40.5	ost Don	7.1	25.0	57.6	69.3	95.0	154.9	169.7	168.9	123.0	1020.0
Orl./Avr.	96.2	53.0	29.6	19.5	25.7	45.4	76.6	117.4	151.3	174.6	166.7	134.9	1090.9

Note : Values given in this table are determined by multiplying the evaporation values of Tire station given in Table: 3.13 by 0.7 pan evaporation coefficient.

Δ: Frost/Don

Table-A.19 Monthly Net Evaporation Values From The Reservoir Water Surface Of Akyurt Dam

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
Avr. Evap.	96.2	53.0	29.6	19.5	25.7	45.4	76.6	117.4	151.3	174.6	166.7	134.9	1090.9
Avr. Rain.	59.4	104.8	164.9	161.3	133.2	93.6	55.4	34.9	11.1	8.0	1.0	15.8	843.4
Net Evap.	36.8	-	-	-	-	-	21.2	82.5	140.2	166.6	165.7	119.1	732.1

Note : Rainfall values are taken from Boğaziçi meteorological station.

Table-A.20 Monthly Total Evaporation Values Of Ödemiş Meteorological Station

(Unit : mm)

Year	Months												Annual Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	Δ	20.1	61.5	107.9	153.5	220.2	249.1	233.5	178.0	141.3	76.8	54.5	1499.4
1965	30.1	20.1	61.2	93.5	141.3	220.2	246.9	225.8	195.7	103.5	76.8	57.9	1473.0
1966	36.8	62.3	61.2	114.6	150.2	209.1	250.2	249.1	181.3	157.9	111.3	45.6	1629.6
1967	20.1	5.6	51.2	101.2	159.1	204.6	250.2	253.6	188.0	131.3	65.7	45.6	1476.2
1968	12.3	45.7	54.6	129.0	201.3	216.9	254.7	220.2	183.5	122.4	82.3	45.6	1568.5
1969	12.3	52.3	63.4	81.2	181.3	215.8	228.0	238.0	205.8	126.8	86.8	63.4	1555.1
1970	50.1	56.8	73.5	121.2	145.7	218.0	242.4	238.0	184.6	109.0	74.6	30.1	1544.0
1971	55.7	26.8	61.2	94.6	165.7	213.5	231.3	240.2	186.8	107.9	74.6	21.2	1479.5
1972	10.1	26.8	63.4	123.5	164.6	214.6	235.8	230.2	192.4	110.1	65.7	0.1	1437.3
1973	7.9	51.2	49.0	92.4	174.6	211.3	251.3	235.8	203.5	135.7	53.4	52.3	1518.4
1974	Δ	42.3	74.6	90.1	149.1	213.5	250.2	233.5	190.2	153.5	67.9	19.0	1483.9
1975	7.8	17.9	73.5	109.0	155.7	202.4	246.9	224.7	200.2	125.7	63.4	19.0	1446.2
1976	14.5	11.2	60.1	101.2	162.4	206.9	226.9	206.9	170.2	136.8	77.9	32.3	1407.3
1977	21.2	59.0	55.7	105.7	176.8	221.3	251.3	240.2	179.1	97.9	95.7	24.5	1528.4
1978	29.0	56.8	65.7	100.1	163.5	215.8	250.2	218.0	162.4	126.8	45.6	44.5	1478.4
1979	32.3	46.8	75.7	94.6	154.6	220.2	236.9	229.1	193.5	134.6	73.4	40.1	1531.8
1980	11.2	21.2	46.8	90.1	149.0	204.6	244.7	231.3	174.6	143.5	92.4	41.2	1450.6
1981	24.5	25.6	79.0	107.9	141.3	228.0	234.7	234.7	184.6	154.6	53.4	75.7	1544.0
1982	32.3	11.2	49.0	101.2	152.4	213.5	221.3	226.9	202.4	127.9	55.7	42.3	1436.1
1983	0.1	10.1	56.8	117.9	163.5	196.8	234.7	223.5	180.2	116.8	70.1	46.8	1417.3
1984	32.3	43.4	57.9	83.5	172.4	209.1	233.5	214.6	191.3	140.2	76.8	25.6	1480.6
1985	49.0	Δ	61.2	114.6	180.2	216.9	243.5	245.8	193.5	105.7	95.7	41.2	1547.3
1986	43.4	46.8	63.4	127.9	159.1	216.9	249.1	250.2	202.4	122.4	44.5	17.9	1544.0
1987	37.9	42.3	16.7	86.8	145.7	221.3	260.2	233.5	208.0	117.9	68.0	33.4	1471.7
1988	26.7	27.9	43.4	102.4	174.6	225.8	272.5	240.2	188.0	120.1	42.3	39.0	1502.9
1989	Δ	29.0	79.0	146.8	157.9	206.9	248.0	236.9	189.1	107.9	62.3	32.3	1496.1
1990	Δ	30.1	77.9	107.9	164.6	214.6	259.1	232.4	176.8	135.7	93.5	47.9	1540.5
1991	15.6	29.0	81.2	105.7	134.6	224.6	238.0	239.1	183.5	133.5	74.6	Δ	1459.4
1992	Δ	Δ	43.4	103.5	160.2	214.6	231.3	245.8	181.3	155.7	59.0	2.3	1397.1
Ort/Avr.	21.1	31.7	60.8	105.4	160.5	214.4	243.9	233.5	188.0	127.7	71.7	35.9	1494.6

Δ: Frost/Don

Table-A.21 Monthly Total Evaporation Values From The Reservoir Water Surface Of Aktaş, Ödemiş, Birgi And Bucak Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
1965	98.9	53.8	38.2	21.1	14.1	42.8	65.5	98.9	154.1	172.8	158.1	137.0	1055.3
1966	72.5	53.8	40.5	25.8	43.6	42.8	80.2	105.1	146.4	175.1	174.4	126.9	1087.1
1967	110.5	77.9	31.9	14.1	3.9	35.8	70.8	111.4	143.2	175.1	177.5	131.6	1083.7
1968	91.9	46.0	31.9	8.6	32.0	38.2	90.3	140.9	151.8	178.3	154.1	128.5	1092.5
1969	85.7	57.6	31.9	8.6	36.6	44.4	56.8	126.9	151.1	159.6	166.6	144.1	1069.9
1970	88.8	60.8	44.4	35.1	39.8	51.5	81.8	102.0	152.6	169.7	166.6	129.2	1125.3
1971	76.3	52.2	21.1	39.0	18.8	42.8	66.2	116.0	149.5	161.9	168.1	130.8	1042.7
1972	75.5	52.2	14.8	7.1	18.8	44.4	86.5	115.2	150.2	165.1	161.1	134.7	1025.6
1973	77.1	46.0	0.1	5.5	35.8	34.3	64.7	122.2	147.9	175.9	165.1	142.5	1017.1
1974	95.0	37.4	36.6	Don	29.6	52.2	63.1	104.4	149.5	175.1	163.5	133.1	1039.5
1975	107.5	47.5	13.3	5.5	12.5	51.5	76.3	109.0	141.7	172.8	157.3	140.1	1035.0
1976	88.0	44.4	13.3	10.2	7.8	42.1	70.8	113.7	144.8	158.8	144.8	119.1	957.8
1977	95.8	54.5	22.6	14.8	41.3	39.0	74.0	123.8	154.9	175.9	168.1	125.4	1090.1
1978	68.5	67.0	17.2	20.3	39.8	46.0	70.1	114.5	151.1	175.1	152.6	113.7	1035.9
1979	88.8	31.9	31.2	22.6	32.8	53.0	66.2	108.2	154.1	165.8	160.4	135.5	1050.6
1980	94.2	51.4	28.1	7.8	14.8	32.8	63.1	104.3	143.2	157.3	161.9	122.2	981.1
1981	100.5	64.7	28.8	17.2	17.9	55.3	75.5	98.9	159.6	164.3	164.3	129.2	1076.2
1982	108.2	37.4	53.0	22.6	7.8	34.3	70.8	106.7	149.5	154.9	158.8	141.7	1045.7
1983	89.5	39.0	29.6	0.1	7.1	39.8	82.5	114.5	137.8	164.3	156.5	126.1	986.8
1984	81.8	49.1	32.8	22.6	30.4	40.5	58.5	120.7	146.4	163.5	150.2	133.9	1030.4
1985	98.1	53.8	17.9	34.3	Don	42.8	80.2	126.1	151.8	170.5	172.1	135.5	1083.1
1986	74.0	67.0	28.8	30.4	32.8	44.4	89.5	111.4	151.8	174.4	175.1	141.7	1121.3
1987	85.7	31.2	12.5	26.5	29.6	11.7	60.8	102.0	154.9	182.1	163.5	145.6	1006.1
1988	82.5	47.6	23.4	18.7	19.5	30.4	71.7	122.2	158.1	190.8	168.1	131.6	1064.6
1989	84.1	29.6	27.3	Don	20.3	55.3	102.8	110.5	144.8	173.6	165.8	132.4	1046.5
1990	75.5	43.6	22.6	Don	21.1	54.5	75.5	115.2	150.2	181.4	162.7	123.8	1026.1
1991	95.0	65.5	33.5	10.9	20.3	56.8	74.0	94.2	157.2	166.6	167.4	128.5	1069.9
1992	93.5	52.2	Don	Don	Don	30.4	72.5	112.1	150.2	161.9	172.1	126.9	971.8
Ort./Avr.	88.7	50.5	26.0	15.3	22.5	42.5	73.7	112.5	149.9	170.1	163.5	131.8	1047.0

Note: Values given in this table are determined by multiplying the monthly evaporation values of Ödemiş station given in Table: 3.20 by 0.7 pan evaporation factor.

Table-A.22 Monthly Net Evaporation Values From The Reservoir Water Surface Of Aktaş, Ödemiş, Birgi And Bucak Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
Avr.Evap.	88.7	50.5	26.0	15.3	22.5	42.5	73.7	112.5	149.9	170.1	163.5	131.8	1047.0
Avr.Rain.	37.1	72.9	130.2	106.5	83.0	69.3	47.8	33.9	16.4	6.2	2.8	11.6	617.7
NetEvap.	51.6	-	-	-	-	-	25.9	78.6	133.5	163.9	160.7	120.2	734.4

Note: Rainfall values are taken from Ödemiş meteorological station.

Table-A.23 Monthly Total Evaporation Values Of Bayındır Meteorological Station

(Unit : mm)

Year	Months												Annual Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	Δ	30.2	75.7	120.0	162.1	227.5	246.3	236.4	187.6	163.2	94.5	70.1	1613.6
1965	43.4	29.0	75.7	102.3	151.3	229.1	253.6	230.2	209.1	129.0	94.6	69.0	1616.3
1966	47.9	81.2	75.7	129.0	162.4	214.6	251.7	254.7	199.1	181.3	126.8	61.2	1788.6
1967	32.3	22.3	64.6	112.4	167.9	210.2	252.4	268.0	209.1	159.1	90.1	59.0	1647.4
1968	22.3	60.1	67.9	141.3	210.2	222.4	259.1	229.1	200.2	141.3	100.1	57.9	1711.9
1969	19.0	60.1	69.0	85.8	183.5	225.8	231.3	242.4	216.9	146.8	109.0	65.7	1656.3
1970	55.7	65.7	83.4	134.6	155.7	231.3	253.6	254.7	203.5	131.3	99.0	44.5	1713.0
1971	72.3	41.2	72.3	109.0	182.4	226.9	240.2	253.6	209.1	135.7	99.0	36.8	1678.5
1972	27.9	43.4	79.0	135.7	174.6	229.1	242.4	243.6	211.3	131.3	96.8	33.4	1648.5
1973	29.0	63.4	63.4	104.6	188.0	219.1	261.3	243.6	223.5	160.2	83.4	67.9	1707.4
1974	7.8	55.7	86.8	104.6	163.5	226.9	223.5	244.7	214.6	183.5	94.6	42.3	1648.5
1975	31.2	29.0	91.2	129.0	171.3	215.8	256.9	242.4	224.6	161.3	92.4	34.5	1679.6
1976	32.3	23.4	74.6	112.4	177.9	215.8	238.0	220.2	192.4	153.5	95.7	43.4	1579.6
1977	36.8	74.6	71.2	117.9	186.8	231.3	260.2	252.4	193.5	123.5	111.3	35.7	1695.2
1978	37.9	60.1	79.0	112.4	176.8	228.0	259.1	232.4	177.9	142.4	73.5	60.1	1639.6
1979	36.8	55.7	86.8	110.1	167.9	236.9	249.1	243.6	215.7	153.5	94.6	54.5	1705.2
1980	22.3	33.4	61.2	102.4	159.1	221.3	256.9	246.9	193.5	166.8	111.3	53.4	1628.5
1981	29.0	34.5	91.2	122.4	149.1	241.3	240.2	246.9	208.0	179.1	71.2	81.2	1694.1
1982	43.4	22.3	56.8	109.0	159.1	218.0	229.1	235.8	215.7	149.0	80.1	56.8	1575.1
1983	9.2	24.6	66.8	127.7	169.8	205.3	240.8	227.5	185.4	123.4	82.3	60.1	1522.9
1984	44.5	51.2	62.3	93.5	181.3	214.6	241.3	224.6	206.9	161.3	93.5	35.7	1610.7
1985	56.8	10.1	70.1	127.9	188.0	220.2	245.2	245.2	199.8	115.6	111.1	50.1	1640.1
1986	57.9	60.1	73.4	137.7	165.4	222.0	248.5	250.8	205.3	133.3	53.4	28.0	1635.8
1987	56.8	51.2	22.4	98.9	156.6	225.3	263.0	240.8	217.5	131.0	80.1	36.9	1580.5
1988	41.3	34.7	50.1	107.8	170.9	234.2	270.8	255.2	183.2	125.5	50.1	23.5	1547.3
1989	Δ	12.4	77.9	135.5	157.7	216.4	268.6	257.5	206.4	111.1	41.3	18.0	1502.8
1990	Δ	20.2	77.9	94.5	172.1	232.0	270.8	246.3	196.5	149.9	111.1	64.6	1635.9
1991	Δ	Δ	18.0	97.8	161.1	228.7	247.4	271.9	196.5	162.1	64.5	2.5	1450.5
1992	16.9	42.4	88.9	105.6	142.2	227.5	248.6	247.4	182.1	146.6	73.4	Δ	1521.6

Ort./Avt.	31.4	41.1	70.1	114.6	169.5	224.1	250.1	244.5	202.9	146.6	88.9	46.4	1630.2
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Δ: Frost/Don

Table-A:24 Monthly Total Evaporation Values From The Reservoir Water Surfaces Of Uladı, Ergenli And Burgaz Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
1965	114.2	66.2	49.1	30.4	20.3	53.0	71.6	105.9	160.4	177.5	161.1	146.4	1156.1
1966	90.3	66.2	48.3	33.5	56.8	53.0	90.3	113.7	150.2	178.3	178.3	139.4	1198.3
1967	126.9	88.8	42.8	22.6	15.6	45.2	78.7	117.5	147.1	176.7	187.6	146.4	1195.9
1968	111.4	63.1	41.3	15.6	42.1	47.5	98.9	147.1	155.7	181.4	160.4	140.1	1204.6
1969	98.9	70.1	40.5	13.3	42.1	48.3	60.8	128.5	158.1	161.9	169.7	151.8	1141.0
1970	102.8	76.3	46.0	39.0	46.0	58.4	94.2	109.0	161.9	177.5	178.3	142.5	1231.9
1971	91.9	69.3	31.2	50.6	28.8	50.6	76.3	127.7	158.8	168.1	177.5	146.4	1177.2
1972	95.0	69.3	25.8	19.5	30.4	55.3	95.0	122.2	160.4	169.7	170.5	147.9	1161.0
1973	91.9	67.8	23.4	20.3	44.4	44.4	73.2	131.6	153.4	182.9	170.5	156.5	1160.3
1974	112.1	58.4	47.5	5.5	39.0	60.8	73.2	114.5	158.8	156.5	171.3	150.2	1147.8
1975	128.5	66.2	29.6	21.8	20.3	63.8	90.3	119.9	151.1	179.8	169.7	157.2	1198.2
1976	112.9	64.7	24.2	22.6	16.4	52.2	78.7	124.5	151.1	166.6	154.1	134.7	1102.7
1977	107.5	67.0	30.4	25.8	52.2	49.8	82.5	130.8	161.9	182.1	176.7	135.5	1202.2
1978	86.5	77.9	25.0	26.5	42.1	55.3	78.7	123.8	159.6	181.4	162.7	124.5	1144.0
1979	99.7	51.5	42.1	25.8	39.0	60.8	77.1	117.5	165.8	174.4	170.5	151.0	1175.2
1980	107.5	66.2	38.2	15.6	23.4	42.8	71.7	111.4	154.9	179.8	172.8	135.5	1119.8
1981	116.8	77.9	37.4	20.3	24.2	63.8	85.7	104.4	168.9	168.1	172.8	145.6	1185.9
1982	125.4	49.8	56.8	30.4	15.6	39.8	76.3	111.4	152.6	160.4	165.1	151.0	1134.6
1983	104.3	56.1	39.8	6.4	17.2	46.8	89.4	118.9	143.7	168.6	159.3	129.8	1080.3
1984	86.4	57.6	42.1	31.2	35.8	43.6	65.5	126.9	150.2	168.9	157.2	144.8	1110.2
1985	112.9	65.5	25.0	39.8	7.1	49.1	89.5	131.6	151.1	171.6	171.6	139.9	1157.7
1986	80.9	77.8	35.1	40.5	42.1	51.4	96.4	115.8	155.4	174.0	175.6	143.7	1188.7
1987	93.3	37.4	19.6	39.8	35.8	15.7	69.2	109.6	157.7	181.1	168.6	152.3	1083.1
1988	91.7	56.1	25.8	28.9	24.3	35.1	75.5	119.6	163.9	189.6	178.6	128.2	1117.3
1989	87.9	35.1	16.5	Don	8.7	54.5	94.9	110.4	151.5	188.0	180.3	141.5	1072.3
1990	77.8	28.9	12.6	Don	14.1	54.5	66.2	120.5	162.4	189.6	172.4	137.6	1036.6
1991	104.9	77.8	45.2	Don	Don	12.6	68.5	112.8	160.1	173.2	190.3	137.6	1083.0
1992	113.5	45.2	1.8	11.8	29.7	62.2	73.9	99.5	159.3	174.0	173.2	127.5	1071.6
Ort./Avr.	102.6	62.7	33.7	22.8	29.0	48.9	80.1	118.8	156.8	175.2	171.3	142.4	1144.3

Note: Values given in this table are determined by multiplying the monthly evaporation values of Bayındır station given in Table: 3.23 by 0.7 pan evaporation factor.

Table-A.25 Monthly Net Evaporation Values From The Reservoir Water Surfaces Of Ergenli And Burgaz Dams

(Unit : mm)

WaterYear	Months												Annual Total
	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX	
Avr.Evap.	102.6	62.7	33.7	22.8	29.0	48.9	80.1	118.8	156.8	175.2	171.3	142.4	1144.3
Avr.Rain.	45.5	85.3	148.7	123.2	97.9	72.6	53.2	35.5	15.0	3.2	1.2	16.0	697.3
NetEvap.	57.1	-	-	-	-	-	26.9	83.3	141.8	172.0	170.1	126.4	777.6

Note: Rainfall values are taken from Bayındır meteorological station.

Table-A.26 Maximum Wind Velocity and Its Direction at Tire, Ödemiş and Selçuk Meteorological Stations

<Tire Meteorological Station> (Unit : mm)

	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
Max Speed	6.6	6.9	8.6	6.0	4.8	5.0	5.1	4.4	5.8	5.8	13.5	7.4	13.5
Dir.	SSW	SW	SE	SSW	WSW	WNW	NNE	WSW	ENE	ENE	NW	S	NW

Hakim Rüzgar Yönü / Main Direction of Wind : SW

Gözlem Süresi / Observation Period: 1979 - 1987

<Ödemiş Meteorological Station> (Unit : mm)

	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
Max Speed	25.9	22.5	24.0	20.4	17.1	26.7	21.3	22.3	16.0	16.8	17.8	21.1	26.7
Yön/Dir.	SSW	N	WSW	NW	NW	NE	NNW	ENE	NNE	N	NNW	WSW	NE

Hakim Rüzgar Yönü / Main Direction of Wind : NW

Gözlem Süresi / Observation Period: 1946 - 1993

<Selçuk Meteorological Station> (Unit : mm)

	Months												Annual
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
Max Speed	35.4	32.0	32.0	25.6	24.1	24.2	20.9	20.3	20.7	28.8	30.3	31.4	32.3
Dir.	S	NW	WSW	SSE	S	SSE	SE	WNW	SSE	W	S	SE	WSW

Hakim Rüzgar Yönü / Main Direction of Wind : SSE

Gözlem Süresi / Observation Period: 1967 - 1993

Table-A.27 Mean Monthly Relative Humidity Values Of Selçuk Meteorological Station

(Unit : %)

Year	Months												Annual Mean
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	63	72	72	57	61	56	52	51	68	70	74	73	64
1965	75	71	74	71	71	52	54	66	77	76	68	71	69
1966	75	72	70	73	64	73	70	60	66	73	68	70	70
1967	66	73	65	70	61	47	52	51	67	73	71	73	64
1968	69	68	67	60	57	51	46	68	75	68	79	73	65
1969	68	66	73	71	60	48	45	55	60	59	64	67	61
1970	78	84	89	72	70	80	79	73	69	68	78	77	76
1971	80	75	70	65	57	43	48	47	59	64	73	72	63
1972	74	71	70	62	58	47	53	51	56	74	72	72	63
1973	65	66	67	71	58	49	52	52	58	68	65	77	62
1974	71	73	76	66	59	50	41	56	58	70	73	70	64
1975	69	65	64	71	66	56	52	59	53	62	64	64	62
1976	65	61	63	61	56	50	50	53	59	69	68	67	60
1977	63	62	61	56	49	45	44	48	57	64	68	64	57
1978	65	61	61	62	48	46	46	51	64	69	63	63	58
1979	61	60	62	53	59	46	44	51	55	62	64	62	57
1980	60	61	61	63	52	47	47	52	56	56	60	59	56
1981	69	61	60	58	55	49	53	55	59	61	61	66	59
1982	65	62	60	65	66	50	45	56	62	73	70	72	62
1983	71	69	70	66	64	58	59	60	68	70	75	76	67
1984	76	76	71	73	62	57	55	62	64	64	70	74	67
1985	77	63	75	66	65	57	51	62	58	67	73	75	66
1986	74	70	73	63	56	61	57	63	65	64	67	70	65
1987	67	68	68	67	65	57	59	58	61	63	70	69	64
1988	71	70	70	70	64	59	51	57	56	64	67	69	64
1989	63	60	66	61	61	60	53	60	61	68	70	71	63
1990	68	66	62	64	57	50	52	57	59	65	63	68	61
1991	65	65	67	65	66	55	56	56	62	66	66	68	63
1992	65	59	62	63	58	57	52	59	53	65	64	66	60
1993	64	60	64	65	66	49	49	60	59	61	63	68	61
Avr.	69	67	68	65	60	53	52	57	61	66	68	70	63

Table-A.28 Mean Monthly Relative Humidity Values Of Ödemiş Meteorological Station

(Unit: %)

Year	Months												Annual Mean
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1945	80	75	67	60	48	47	41	38	55	65	70	73	60
1946	71	76	71	67	62	51	45	47	52	71	75	78	64
1947	75	74	67	58	56	50	45	43	46	57	72	73	60
1948	70	68	58	68	64	58	47	49	55	58	61	71	61
1949	73	70	72	64	57	52	51	54	55	58	71	80	63
1950	72	71	64	68	69	44	37	38	50	57	74	77	60
1951	78	76	75	65	55	45	43	44	59	77	80	78	65
1959	73	59	61	61	58	53	49	43	50	68	75	82	61
1960	75	74	71	71	62	51	45	44	50	55	75	80	63
1961	79	70	53	57	56	52	42	41	45	61	71	78	59
1962	81	76	62	55	47	47	40	42	50	73	81	80	61
1963	77	79	73	71	76	60	53	55	61	73	77	67	69
1964	71	75	73	52	53	49	47	50	65	58	73	77	62
1965	75	75	74	73	69	50	46	54	58	62	70	76	65
1966	79	72	72	72	58	56	54	54	66	65	73	78	67
1967	71	69	66	76	70	60	62	59	62	69	71	77	68
1968	75	75	69	61	56	54	48	59	64	73	81	82	66
1969	78	76	76	67	58	54	55	54	59	67	67	80	66
1970	78	76	70	64	62	54	54	53	58	68	77	75	66
1971	78	73	70	66	56	49	56	52	61	66	74	75	65
1972	78	72	68	72	61	56	58	58	62	77	75	74	68
1973	71	73	70	72	56	51	54	54	57	67	67	78	64
1974	74	77	78	72	66	52	49	58	58	70	82	78	68
1975	79	74	70	71	70	62	58	62	59	70	73	77	69
1976	76	71	74	72	65	55	56	59	61	74	79	80	69
1977	76	76	70	67	56	54	52	56	66	67	74	74	66
1978	78	76	73	74	61	54	52	56	70	76	72	78	68
1979	77	74	74	67	71	58	57	61	61	70	76	75	68
1980	77	74	72	71	64	58	53	60	60	64	74	73	67
1981	75	73	68	63	62	53	56	56	60	65	70	73	65
1982	73	66	69	69	64	51	50	55	58	67	64	70	63
1983	69	67	65	61	59	51	51	51	57	64	76	78	62
1984	78	77	70	70	54	48	49	54	58	61	71	74	64
1985	75	64	70	63	59	49	47	53	54	67	76	79	63
1986	79	75	75	61	56	55	48	52	60	61	66	74	64
1987	77	77	74	74	63	53	48	47	54	67	76	76	66
1988	74	76	78	75	60	52	52	54	57	64	73	76	66
1989	67	62	70	61	61	57	51	55	58	68	75	78	64
1990	72	69	62	70	50	52	52	53	58	66	72	79	63
1991	70	75	73	68	62	58	55	54	60	67	74	73	66
1992	72	62	65	66	59	59	56	56	53	64	68	73	63
1993	71	67	67	68	66	50	48	53	57	63	68	77	63
Avr.	73	72	70	67	60	53	50	52	58	66	73	76	64

Table-A.29 Mean Monthly Relative Humidity Values Of Tire Meteorological Station

(Unit : %)

Year	Months												Annual Mean
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
1964	68	73	72	55	59	56	54	53	60	53	70	74	62
1965	71	67	66	66	66	49	48	55	54	58	64	71	61
1966	74	66	65	66	56	55	52	51	62	65	73	76	63
1967	68	69	64	68	60	48	46	47	55	67	71	75	62
1968	70	71	66	57	55	50	38	52	58	69	81	78	62
1969	73	72	74	65	58	53	52	50	53	59	62	76	62
1970	74	67	63	57	54	47	46	41	50	61	70	70	58
1971	72	69	61	60	51	44	48	46	54	59	66	67	58
1972	68	61	58	60	55	49	50	44	51	65	61	64	57
1973	62	63	60	62	50	43	43	48	49	54	59	72	55
1974	64	62	65	57	52	44	37	49	45	60	73	66	56
1975	67	65	60	61	60	51	43	49	44	56	60	66	57
1976	63	60	63	60	56	49	48	51	52	67	71	68	59
1977	64	62	59	55	46	40	41	43	52	56	61	64	54
1978	71	64	62	62	50	42	41	48	60	69	60	73	59
1979	70	63	64	57	66	49	47	46	45	60	72	70	59
1980	70	66	63	60	56	48	43	50	52	55	66	65	58
1981	75	66	59	51	55	45	47	43	52	59	61	65	57
1982	66	56	64	65	63	55	52	57	59	64	65	72	62
1983	74	74	70	62	61	64	64	57	63	67	76	77	67
1984	77	75	68	69	57	50	47	50	54	56	65	71	62
1985	69	59	68	60	59	50	44	46	48	57	63	65	57
1986	66	65	66	58	54	55	49	51	55	56	58	65	58
1987	62	65	66	62	58	50	50	49	49	56	64	70	58
1988	76	80	80	71	61	44	46	54	56	61	70	70	64
1989	56	57	71	67	59	52	43	42	47	62	70	66	58
1990	62	41	54	58	52	40	40	42	54	58	68	72	53
1991	66	67	68	64	64	47	54	49	59	62	65	67	61
1992	63	62	64	63	55	55	50	39	49	54	61	64	67
1993	64	60	64	65	66	49	49	60	59	61	63	68	61
Avr.	68	65	65	61	57	49	47	48	53	60	66	70	59

Table-A.31 Monthly Flows of 6-01 Küçük Menderes Nehri-Beydağ Köprüsü Station

													(Unit : 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1964	5.16	2.39	6.17	2.58	5.52	9.94	2.43	2.02	2.31	1.46	1.01	1.20	42.19
1965	0.52	0.79	14.20	9.10	25.10	24.60	43.90	39.80	3.46	1.90	0.93	0.32	164.62
1966	3.28	4.17	9.76	60.69	12.37	27.81	11.59	5.11	2.20	1.22	1.10	1.12	140.42
1967	1.16	1.53	32.73	27.73	10.15	6.93	6.13	4.17	1.67	1.10	1.10	1.99	96.39
1968	2.42	2.75	6.42	59.77	18.66	26.84	5.46	2.41	1.59	1.10	1.10	1.30	129.85
1969	1.75	3.22	13.20	28.24	24.37	21.52	17.81	9.78	2.48	1.12	0.57	0.53	124.59
1970	1.34	2.48	16.93	19.89	42.10	40.67	13.55	5.66	2.67	0.96	0.57	0.55	147.37
1971	2.45	2.86	3.60	6.39	11.90	28.40	10.40	3.69	2.11	0.93	0.56	1.29	74.58
1972	1.49	2.19	4.83	2.29	5.16	4.54	3.69	2.40	1.31	0.80	0.35	0.29	29.34
1973	2.70	1.64	1.34	1.86	6.10	6.02	5.15	1.99	0.41	0.74	0.09	0.02	28.06
1974	0.63	1.36	3.89	2.50	17.16	26.00	9.09	4.44	1.63	0.69	0.67	0.63	68.69
1975	1.40	2.42	6.89	11.06	14.77	12.27	8.47	8.31	4.15	0.89	0.67	0.63	71.93
1976	0.79	1.97	5.05	6.03	9.45	6.09	9.88	5.81	2.10	0.69	1.53	0.59	49.98
1977	2.20	1.97	7.92	9.96	15.10	10.96	6.19	2.91	0.85	0.61	0.57	0.55	59.79
1978	0.98	2.20	4.15	15.55	39.45	20.34	17.91	6.44	1.65	0.75	0.59	0.69	110.70
1979	2.40	2.65	4.42	29.87	20.40	10.74	6.42	3.91	2.08	0.77	0.75	0.71	85.12
1980	1.24	4.03	7.48	23.15	12.35	15.36	10.19	6.03	2.56	0.83	0.75	0.71	84.68
1981	6.90	16.30	43.00	38.40	24.80	23.10	12.50	10.10	1.20	0.58	0.00	8.90	185.78
1982	4.30	11.20	48.20	28.00	16.10	16.40	17.90	9.60	2.00	0.63	0.12	0.04	154.49
1983	2.30	1.80	3.20	5.00	8.20	7.60	8.70	2.90	2.20	1.30	1.00	0.96	45.16
1984	1.30	7.90	7.30	21.00	45.10	31.70	15.30	6.30	1.10	0.23	0.14	0.11	137.48
1985	0.05	0.54	0.38	9.14	6.68	7.44	6.73	2.40	0.61	0.23	0.05	0.00	34.25
1986	1.57	2.90	1.49	10.60	16.62	16.78	7.60	2.44	0.97	0.29	0.29	0.29	61.84
1987	1.37	2.76	5.17	12.60	8.88	12.00	11.60	4.42	1.47	0.76	0.05	0.00	61.08
1988	0.14	0.71	1.66	1.62	2.32	10.57	6.83	2.16	0.54	0.21	0.26	0.04	27.06
1989	0.35	2.00	6.27	2.66	1.63	2.39	0.84	1.04	0.84	0.21	0.00	0.00	18.23
1990	0.00	2.60	7.05	3.65	5.07	4.81	6.51	3.92	1.04	0.41	0.00	0.06	35.12
1991	0.00	1.17	8.60	2.07	2.03	3.23	3.07	2.34	1.51	0.16	0.00	0.00	24.18
1992	0.00	0.00	0.73	0.78	0.58	0.73	3.15	0.28	0.18	0.13	0.03	0.00	6.59
1993	0.74	1.38	2.49	1.56	4.25	10.11	10.82	7.81	1.95	0.00	0.00	0.00	41.11
1994	0.00	0.34	1.86	2.20	3.67	6.21	3.82	0.77	0.27	0.00	0.00	0.00	19.14

Average	1.61	2.97	9.24	14.71	14.07	14.58	9.79	5.53	1.65	0.70	0.48	0.76	76.12
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Note: The monthly flows for the period 1964-1965/1971-1973/1981-1991 given in this table are the values measured at the station site, whereas those for the period 1966-1970/1974-1980 have been calculated by linear correlation the flows of station No. 6-01 and 7-30.

Table-A.32 Monthly Flows of 6-03 Küçük Menderes Nehri-Ranmanlar Köprüsü Station

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1959	0.38	1.16	36.11	53.94	12.50	4.70	3.55	1.47	0.79	0.10	0.00	0.00	114.70
1960	0.04	1.07	12.80	38.20	7.08	23.90	13.90	7.23	3.66	0.84	0.00	0.05	108.77
1961	0.17	0.72	53.60	82.80	133.00	23.50	11.20	5.62	4.18	0.68	0.18	0.26	315.91
1962	1.42	2.03	5.06	17.40	78.90	82.60	36.00	5.61	1.67	0.60	0.01	0.11	231.41
1963	0.25	1.46	78.80	105.00	138.00	61.10	30.20	29.60	12.80	0.73	0.03	0.83	458.80
1964	3.09	3.16	12.70	6.74	12.18	21.16	5.83	2.08	1.09	0.00	0.00	0.00	68.03
1965	0.00	0.50	30.30	26.30	92.00	66.70	96.30	87.30	12.10	4.28	0.67	0.03	416.48
1966	1.96	3.91	45.14	159.53	63.67	77.72	46.99	19.16	7.58	0.58	0.00	0.76	427.00
1967	1.66	2.98	46.69	69.21	25.27	18.96	17.70	16.59	5.75	0.00	0.00	0.00	204.81
1968	0.05	0.88	8.22	103.46	56.56	80.12	20.20	7.14	4.07	0.00	0.00	0.83	281.53
1969	1.80	4.14	17.52	57.63	45.09	32.01	23.17	10.88	2.53	0.00	0.00	0.00	194.77
1970	0.00	0.00	33.63	47.02	73.97	89.58	33.00	10.34	4.66	0.00	0.00	0.00	292.20
1971	0.54	1.63	6.14	13.55	42.28	71.45	31.04	8.14	5.24	0.00	0.00	0.00	180.01
1972	0.00	1.38	21.09	5.66	25.85	12.56	7.77	4.51	0.89	0.00	0.00	0.00	79.71
1973	0.01	0.00	0.00	1.32	16.23	17.06	6.06	1.20	0.00	0.00	0.00	0.00	41.88
1974	0.00	0.00	2.03	0.00	38.80	61.49	12.84	5.55	0.95	0.00	0.00	0.00	121.66
1975	0.00	2.73	17.96	35.91	30.73	23.51	13.70	12.79	5.09	0.00	0.00	0.00	142.42
1976	0.00	5.56	26.11	8.96	13.56	7.56	26.59	8.85	1.86	0.00	0.00	0.00	99.05
1977	5.65	0.74	14.39	22.96	27.74	17.21	7.59	2.34	0.00	0.00	0.00	0.00	98.62
1978	5.36	0.00	2.35	48.14	132.72	62.38	53.71	15.69	6.25	0.00	0.00	0.00	326.60
1979	1.52	0.87	8.54	78.16	39.50	19.55	9.85	8.15	4.20	0.00	0.00	0.00	170.34
1980	0.00	0.66	10.91	54.94	15.89	32.03	19.72	10.65	3.55	0.00	0.00	0.00	148.35
1981	0.00	2.44	40.89	213.53	63.61	63.11	26.84	18.49	6.08	0.11	0.00	0.00	435.10
1982	0.00	2.77	166.13	38.22	25.33	62.33	30.23	30.92	10.18	2.65	0.00	0.00	368.76
1983	1.50	1.70	7.08	15.74	38.79	26.35	19.73	6.47	3.35	0.00	0.00	0.00	120.71
1984	0.00	7.65	26.26	81.91	111.91	81.97	49.99	22.74	6.53	0.00	0.00	0.00	388.96
1985	0.00	0.88	2.06	19.82	11.71	12.19	8.86	3.59	0.57	0.00	0.00	0.00	59.68
1986	0.00	0.00	0.75	26.25	45.26	24.11	5.29	3.29	1.12	0.00	0.00	0.00	106.07
1987	0.00	0.00	4.07	25.66	10.88	12.77	15.48	2.43	0.00	0.00	0.00	0.00	71.29
1988	0.00	0.00	0.87	0.00	1.16	32.13	8.38	1.78	0.00	0.00	0.00	0.00	44.32
1989	0.00	0.00	3.89	0.00	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.00	5.18
1990	0.00	3.21	0.73	0.00	1.03	4.68	0.72	0.00	0.00	0.00	0.00	0.00	10.37
1991	0.00	0.00	20.97	0.35	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.80
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.00	0.00	0.00	0.00	8.10	21.31	5.98	0.22	0.00	0.00	0.00	0.00	35.61
1994	0.00	0.00	0.00	0.00	0.81	3.40	0.40	0.39	0.00	0.00	0.00	0.00	5.00
Average	0.71	1.51	21.22	40.51	40.02	34.79	19.41	10.31	3.24	0.29	0.02	0.08	172.11

Note: The monthly flows for the period 1959-1963/1965 given in this table are the values measured at the station site, whereas those for the period 1964/1966-1994 have been calculated by the linear correlation of the flows of Stations No. 6-03 and 601

Table-A.33 Monthly Flows of 6-04 Küçük Menderes Nehri-Çift Köprüler Station

YEAR	(Unit : 10 ⁶ /m ³)												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1961	3.89	7.22	113.92	151.22	151.22	46.52	30.85	23.06	15.70	4.80	1.28	3.66	559.35
1962	5.89	6.99	16.69	23.38	153.63	158.50	65.44	21.46	11.52	3.71	2.69	3.38	473.28
1963	6.39	9.99	158.00	221.00	276.00	150.00	80.40	56.40	28.30	4.62	0.39	3.32	994.81
1964	8.97	9.73	28.20	15.60	27.60	42.80	12.10	7.85	6.26	0.88	0.05	1.57	161.61
1965	2.16	3.07	54.80	39.40	160.00	117.00	177.00	138.00	28.30	9.42	1.61	3.41	734.17
1966	5.99	9.17	68.80	263.00	109.00	135.00	78.40	37.60	21.00	9.25	0.89	7.23	745.33
1967	8.56	10.80	92.40	128.00	48.50	35.90	33.40	32.00	13.90	3.65	0.12	3.72	410.95
1968	6.28	7.58	21.30	213.00	104.00	163.00	53.60	31.30	24.50	5.69	6.50	15.20	651.95
1969	8.26	12.43	36.23	107.55	85.25	62.00	46.28	24.41	9.57	1.55	0.70	1.08	395.31
1970	2.65	5.05	64.88	88.68	136.61	164.38	63.76	23.46	13.36	3.79	0.70	2.09	569.40
1971	6.03	7.97	15.99	29.16	80.26	132.13	60.26	19.54	14.39	4.77	2.21	2.10	374.81
1972	4.13	7.52	42.56	15.14	51.03	27.40	18.88	13.09	6.65	1.67	0.67	0.67	189.42
1973	5.09	4.21	4.31	7.42	33.94	35.40	15.83	7.19	3.11	0.75	0.67	0.67	118.59
1974	0.67	0.67	8.67	3.23	74.07	114.42	27.91	14.94	6.76	0.85	0.67	2.25	255.10
1975	1.09	9.92	37.00	68.93	59.72	46.88	29.43	27.81	14.11	3.50	0.67	0.96	300.02
1976	2.01	14.96	51.50	21.01	29.19	18.51	52.36	20.80	8.38	1.37	0.67	0.80	221.54
1977	15.11	6.38	30.65	45.90	54.41	35.67	18.56	9.23	4.24	0.81	0.67	0.67	222.29
1978	14.60	4.08	9.25	90.68	241.10	116.01	100.58	32.97	16.18	3.76	0.69	3.01	632.92
1979	7.78	6.62	20.25	144.07	75.31	39.83	22.59	19.57	12.54	2.72	0.67	0.67	352.61
1980	1.44	6.25	24.46	102.77	33.33	62.03	40.14	24.00	11.38	3.60	0.99	0.67	311.06
1981	1.38	9.40	77.78	384.81	118.20	117.30	52.80	37.96	15.88	5.26	0.88	1.38	823.04
1982	4.13	10.00	300.52	73.04	50.12	115.91	58.84	60.05	23.17	9.78	2.14	2.42	710.11
1983	7.74	8.08	17.67	33.05	74.05	51.93	40.16	16.57	11.02	2.70	0.67	0.67	264.29
1984	2.03	18.67	51.76	150.74	204.08	150.84	93.97	45.50	16.68	4.31	0.75	1.83	741.17
1985	4.34	6.63	8.74	40.31	25.90	26.74	20.83	11.46	6.08	0.85	0.67	0.67	153.20
1986	0.67	4.74	6.39	51.74	85.56	47.95	14.48	10.91	7.05	1.46	0.67	0.67	232.28
1987	0.67	0.75	12.31	50.70	24.41	27.78	32.60	9.38	3.93	0.92	0.67	0.67	164.78
1988	0.67	0.90	6.61	4.96	7.12	62.21	19.97	8.22	3.98	0.89	0.67	0.67	116.87
1989	0.67	1.35	11.98	4.77	4.38	7.36	3.33	3.04	1.86	0.83	0.67	0.67	40.91
1990	0.67	10.78	6.37	4.32	6.90	13.39	6.34	2.27	0.95	0.67	0.67	0.67	53.99
1991	0.67	0.67	42.37	5.69	5.91	4.43	3.54	3.42	2.09	0.73	0.67	0.67	70.86
1992	0.67	0.67	1.19	0.67	0.67	0.67	1.79	0.68	0.67	0.67	0.67	0.67	9.67
1993	0.67	2.38	3.92	2.61	19.48	42.96	15.69	5.45	1.31	0.67	0.67	0.67	96.48
1994	0.67	0.67	2.07	2.12	6.51	11.12	5.77	5.75	0.76	0.67	0.67	0.67	37.44
Average	4.19	6.66	42.63	76.23	77.07	70.12	41.11	23.69	10.75	2.99	1.02	2.06	358.52

Note: The monthly flows for the period 1963-1968 given in this table are the values measured at the station site, whereas those for the period 1961-1962/1969-1994 have been calculated by the linear correlation of the flows of Station No. 601 and 6-04.

Table-A.34 Monthly Flows of 6-07 Tahtalı Çayı-Derebogazi Station

													(Unit: 10 ⁶ m ³)	
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	
1965	3.10	5.51	20.40	18.66	46.80	20.73	28.28	17.87	5.63	5.07	4.83	4.64	181.51	
1966	5.07	6.43	14.96	92.70	18.95	42.53	17.77	7.88	3.43	1.93	1.74	1.78	215.15	
1967	1.83	2.39	50.03	42.39	15.57	10.65	9.43	6.43	2.63	1.74	1.74	3.10	147.92	
1968	3.75	4.27	9.85	91.29	28.56	41.03	8.40	3.80	2.49	1.74	1.74	2.07	198.98	
1969	2.30	3.10	12.62	36.43	23.17	14.73	15.76	7.65	2.91	1.74	1.74	1.74	123.87	
1970	0.32	0.52	61.60	29.30	60.00	36.00	11.10	3.71	1.49	0.56	0.33	0.26	205.19	
1971	0.31	0.49	7.91	15.20	59.60	46.30	16.70	4.13	1.91	0.69	0.45	0.39	151.11	
1972	0.48	3.16	41.40	2.60	8.65	5.81	2.80	2.03	0.81	0.47	0.42	0.36	68.99	
1973	0.82	0.62	0.95	6.22	21.50	11.90	4.62	2.05	0.88	0.45	0.34	0.31	50.66	
1974	0.31	0.36	3.58	1.27	21.40	33.00	5.70	1.72	0.69	0.36	0.26	0.22	68.87	
1975	0.37	6.48	44.60	56.40	40.40	16.70	7.37	4.67	6.78	0.90	0.38	0.26	185.31	
1976	0.41	6.14	17.10	6.45	13.10	6.14	16.90	4.87	1.73	0.35	0.30	0.24	73.73	
1977	9.78	13.00	40.10	38.40	20.80	12.30	5.47	2.08	0.63	0.07	0.01	0.08	142.72	
1978	4.35	1.51	10.10	77.40	44.10	51.50	38.00	8.84	2.06	0.18	0.02	0.39	238.45	
1979	1.43	1.56	2.48	53.70	26.40	4.43	4.29	2.89	0.96	0.01	0.00	0.00	98.15	
1980	0.01	3.87	20.20	55.60	15.20	24.60	9.11	6.49	2.29	0.20	0.02	0.02	137.61	
1981	0.10	3.11	21.10	128.00	34.70	22.40	9.04	6.31	1.84	0.23	0.03	0.14	227.00	
1982	0.54	12.40	142.00	26.00	22.40	35.40	17.30	10.90	2.92	0.86	0.19	0.05	270.96	
1983	0.88	1.53	11.00	10.10	33.20	14.20	6.50	2.55	1.50	0.19	0.23	0.10	81.98	
1984	0.49	9.40	43.50	84.40	44.50	36.50	15.70	6.30	1.80	1.20	0.67	0.44	244.90	
1985	0.23	0.37	1.48	20.30	6.54	13.70	6.91	3.67	1.40	0.57	0.15	0.13	55.45	
1986	0.16	1.29	1.27	47.40	52.30	15.40	5.15	3.20	1.92	0.77	0.28	0.13	129.27	
1987	0.13	0.19	7.51	21.10	13.40	26.00	13.60	4.13	1.36	0.86	0.37	0.17	88.82	
1988	0.00	1.67	4.37	11.38	6.89	44.27	8.68	2.88	0.86	0.26	0.03	0.00	81.29	
1989	0.00	0.12	17.97	3.18	1.68	14.77	1.85	1.31	0.70	0.17	0.00	0.00	41.75	
1990	0.00	0.14	3.51	2.04	7.00	3.09	2.88	1.25	0.43	0.01	0.00	0.00	20.38	
1991	2.63	2.58	12.94	5.58	4.88	4.74	5.91	3.80	2.72	2.63	2.63	2.58	53.63	
1992	3.66	2.68	4.04	3.66	3.43	3.66	6.05	3.66	3.61	3.66	3.66	3.52	45.28	
1993	3.71	4.97	7.65	4.69	12.52	18.15	6.75	4.46	5.82	3.61	3.66	3.61	79.60	

Average	1.63	3.44	21.94	34.20	24.40	21.75	10.62	4.88	2.21	1.09	0.90	0.92	127.98
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Note: The monthly flows for the period 1970-1990 given in this table, are the values measured at the station site, whereas those for the period 1965-1969/1991-1993 have been calculated by the linear correlation of the flows of the stations No. 7-39 and 6-07.

Table-A.35 Monthly Flows of 6-11 Rahmanlar Çayı-Bebekler Station

													(Unit : 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.64	0.88	2.36	2.19	5.00	2.40	3.15	2.11	0.89	0.83	0.81	0.79	22.04
1966	0.83	0.97	1.82	9.58	2.22	4.57	2.10	1.11	0.67	0.52	0.50	0.50	25.39
1967	0.51	0.57	5.32	4.56	1.88	1.39	1.27	0.97	0.59	0.50	0.50	0.64	18.68
1968	0.70	0.75	1.31	9.43	3.18	4.42	1.17	0.71	0.58	0.50	0.50	0.53	23.78
1969	0.56	0.64	1.59	3.96	2.64	1.80	1.90	1.09	0.62	0.50	0.50	0.50	16.29
1970	0.36	0.38	6.47	3.25	6.31	3.92	1.43	0.70	0.48	0.38	0.36	0.35	24.40
1971	0.36	0.38	1.12	1.84	6.27	4.95	1.99	0.74	0.52	0.40	0.37	0.37	19.30
1972	0.38	0.64	4.46	0.59	1.19	0.91	0.61	0.53	0.41	0.37	0.37	0.36	10.81
1973	0.41	0.39	0.42	0.95	2.47	1.51	0.79	0.53	0.41	0.37	0.36	0.36	8.98
1974	0.36	0.36	0.68	0.45	2.46	3.62	0.90	0.50	0.40	0.36	0.35	0.35	10.80
1975	0.36	0.97	4.78	5.95	4.36	1.99	1.06	0.79	1.00	0.42	0.37	0.35	22.41
1976	0.37	0.94	2.03	0.97	1.63	0.94	2.01	0.81	0.50	0.36	0.36	0.35	11.28
1977	1.30	1.62	4.33	4.16	2.40	1.55	0.87	0.53	0.39	0.33	0.33	0.34	18.16
1978	0.76	0.48	1.33	8.05	4.73	5.46	4.12	1.21	0.53	0.35	0.33	0.37	27.71
1979	0.47	0.48	0.57	5.68	2.96	0.77	0.76	0.62	0.42	0.33	0.33	0.33	13.72
1980	0.07	0.26	2.06	5.72	3.16	5.02	2.59	2.51	2.17	0.59	0.13	0.14	24.42
1981	0.29	2.09	5.03	14.00	1.84	1.75	0.42	1.33	0.40	0.08	0.02	0.01	27.26
1982	0.04	0.45	15.30	5.18	2.54	6.26	3.28	2.56	0.94	0.74	0.41	0.30	38.00
1983	0.53	0.29	0.77	2.01	2.45	2.70	2.44	0.84	1.11	0.49	0.04	0.02	13.69
1984	0.04	1.47	1.45	4.73	7.24	2.35	1.48	0.38	0.02	0.00	0.00	0.00	19.16
1985	0.05	0.14	0.31	1.83	1.20	1.32	0.87	0.17	0.05	2.04	2.04	1.97	11.99
1986	0.01	0.23	0.11	2.58	4.21	2.15	0.41	0.12	0.07	0.01	0.01	0.01	9.92
1987	0.02	0.03	1.25	4.77	2.77	3.19	3.70	1.07	0.20	0.05	0.02	0.02	17.09
1988	0.09	0.30	1.50	0.53	1.25	7.12	2.87	1.28	0.41	0.03	0.01	0.02	15.41
1989	0.07	0.41	2.51	0.61	0.36	0.67	0.18	0.15	0.03	0.02	0.02	0.02	5.05
1990	0.06	1.09	0.63	0.58	1.54	1.46	1.77	0.29	0.00	0.00	0.00	0.00	7.42
1991	0.03	0.08	2.33	1.05	1.04	1.19	1.40	1.01	0.44	0.04	0.01	0.01	8.63
1992	0.01	0.11	0.22	0.15	0.10	0.38	1.05	0.14	0.19	0.09	0.00	0.00	2.44
1993	0.01	0.42	0.53	0.37	1.63	3.31	2.22	1.21	0.18	0.01	0.01	0.00	9.90

Average	0.33	0.61	2.50	3.65	2.79	2.73	1.68	0.90	0.50	0.37	0.31	0.31	16.69
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Note: The monthly flows for the period 1980-1993 given in this table are the values measured at the station site, whereas those for the period 1965-1979 have been calculated by the linear correlation of the flows of Stations No: 6-07 and 6-11.

Table-A.36 Monthly Flows of 6-12 Aktaş Çayı-Bülbüller Station

													(Unit : 10 ³ m ³)	
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	
1965	0.45	0.73	2.48	2.27	5.57	2.51	3.40	2.18	0.74	0.68	0.65	0.63	22.29	
1966	0.68	0.84	1.84	10.96	2.31	5.07	2.17	1.01	0.48	0.31	0.29	0.29	26.23	
1967	0.30	0.36	5.95	5.06	1.91	1.33	1.19	0.84	0.39	0.29	0.29	0.45	18.34	
1968	0.52	0.58	1.24	10.79	3.43	4.90	1.07	0.53	0.37	0.29	0.29	0.32	24.33	
1969	0.35	0.45	1.56	4.36	2.80	1.81	1.93	0.98	0.42	0.29	0.29	0.29	15.52	
1970	0.12	0.14	7.31	3.52	7.12	4.31	1.38	0.52	0.26	0.15	0.12	0.11	25.06	
1971	0.12	0.14	1.01	1.87	7.08	5.52	2.04	0.57	0.31	0.16	0.13	0.13	19.07	
1972	0.14	0.45	4.94	0.39	1.10	0.76	0.41	0.32	0.18	0.14	0.13	0.12	9.08	
1973	0.18	0.15	0.19	0.81	2.60	1.48	0.62	0.32	0.19	0.13	0.12	0.12	6.93	
1974	0.12	0.12	0.50	0.23	2.59	3.95	0.75	0.28	0.16	0.12	0.11	0.11	9.07	
1975	0.13	0.84	5.32	6.70	4.82	2.04	0.95	0.63	0.88	0.19	0.13	0.11	22.73	
1976	0.13	0.80	2.09	0.84	1.62	0.80	2.07	0.65	0.28	0.12	0.12	0.11	9.64	
1977	1.23	1.61	4.79	4.59	2.52	1.53	0.72	0.33	0.16	0.09	0.08	0.09	17.73	
1978	0.59	0.26	1.27	9.16	5.26	6.13	4.54	1.12	0.32	0.10	0.08	0.13	28.96	
1979	0.25	0.27	0.37	6.38	3.18	0.60	0.59	0.42	0.19	0.08	0.08	0.08	12.50	
1980	0.08	0.54	2.45	6.61	1.87	2.97	1.15	0.81	0.35	0.11	0.08	0.08	17.13	
1981	0.09	0.45	2.56	15.10	4.15	2.71	1.14	0.82	0.30	0.11	0.09	0.10	27.62	
1982	0.00	1.99	19.00	3.69	2.16	5.06	3.01	1.99	0.77	0.76	0.03	0.03	38.49	
1983	0.11	0.14	1.16	2.00	2.43	1.52	1.47	0.29	0.19	0.04	0.04	0.04	9.43	
1984	0.14	1.19	5.19	9.99	5.30	4.37	1.92	0.82	0.29	0.22	0.16	0.13	29.72	
1985	0.08	0.23	0.19	2.41	2.72	2.47	1.58	0.44	0.04	0.00	0.00	0.00	10.16	
1986	0.00	0.38	0.14	4.77	2.85	1.23	0.44	0.25	0.07	0.00	0.00	0.01	10.14	
1987	0.05	0.10	1.41	2.70	1.03	0.75	1.07	0.29	0.08	0.01	0.00	0.00	7.49	
1988	0.21	0.37	0.96	0.57	0.87	3.96	1.52	0.70	0.24	0.00	0.00	0.00	9.40	
1989	0.14	0.62	2.19	0.71	0.53	0.96	0.44	0.46	0.09	0.00	0.00	0.00	6.14	
1990	0.18	2.23	0.94	0.77	1.33	1.83	1.62	1.02	0.17	0.00	0.00	0.00	10.09	
1991	0.03	0.69	2.10	0.89	1.10	0.88	0.97	0.89	0.25	0.00	0.00	0.00	7.80	
1992	0.04	0.27	0.55	0.47	0.34	0.61	1.04	0.26	0.04	0.00	0.00	0.00	3.62	
1993	0.10	1.12	1.07	0.66	2.02	2.20	1.10	0.86	0.22	0.00	0.00	0.00	9.35	

Average	0.23	0.62	2.78	4.11	2.85	2.56	1.46	0.71	0.29	0.15	0.11	0.12	16.00
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Note: The monthly flows for the period 1982-1983/1985-1993 given in this table are the values measured at the station site, whereas those for the period 1965-1981/1984 have been calculated by the linear correlation of the flows of stations No: 6-07 and 6-12.

Table-A.37 Monthly Flows of 6-13 Falaka Çayı-Falaka Station

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.85	1.14	2.85	2.65	5.90	2.89	3.76	2.56	1.15	1.08	1.05	1.03	26.91
1966	1.08	1.24	2.22	11.19	2.68	5.40	2.55	1.41	0.89	0.72	0.70	0.70	30.79
1967	0.71	0.77	6.27	5.39	2.29	1.73	1.59	1.24	0.80	0.70	0.70	0.85	23.01
1968	0.93	0.99	1.63	11.03	3.79	5.23	1.47	0.94	0.78	0.70	0.70	0.74	28.93
1969	0.76	0.85	1.95	4.70	3.17	2.20	2.32	1.38	0.83	0.70	0.70	0.70	20.26
1970	0.53	0.56	7.61	3.88	7.42	4.65	1.78	0.93	0.67	0.56	0.54	0.53	29.64
1971	0.53	0.55	1.41	2.25	7.37	5.84	2.42	0.97	0.72	0.58	0.55	0.54	23.75
1972	0.55	0.86	5.27	0.80	1.50	1.17	0.82	0.73	0.59	0.55	0.55	0.54	13.93
1973	0.59	0.57	0.61	1.21	2.98	1.87	1.03	0.73	0.60	0.55	0.54	0.53	11.81
1974	0.53	0.54	0.91	0.64	2.97	4.31	1.15	0.70	0.58	0.54	0.53	0.52	13.91
1975	0.54	1.24	5.64	7.01	5.16	2.42	1.35	1.04	1.28	0.60	0.54	0.53	27.35
1976	0.54	1.21	2.47	1.24	2.01	1.21	2.45	1.06	0.70	0.54	0.53	0.52	14.47
1977	1.63	2.00	5.12	4.93	2.90	1.92	1.13	0.74	0.57	0.51	0.50	0.51	22.43
1978	1.00	0.67	1.66	9.43	5.59	6.44	4.88	1.52	0.73	0.52	0.50	0.54	33.48
1979	0.66	0.68	0.78	6.69	3.54	1.01	0.99	0.83	0.61	0.50	0.50	0.50	17.29
1980	0.54	0.81	2.39	5.31	2.19	4.67	1.59	1.52	0.55	0.06	0.04	0.06	19.73
1981	0.16	1.70	5.43	13.70	5.37	2.97	1.15	1.82	0.30	0.17	0.39	0.81	33.97
1982	1.27	2.23	18.20	4.45	3.05	5.14	3.12	2.81	1.00	0.56	0.48	0.59	42.90
1983	0.45	0.42	1.70	2.21	5.04	1.20	1.86	1.13	0.29	0.05	0.08	0.16	14.59
1984	0.34	4.22	4.19	10.70	6.92	6.63	4.19	1.67	0.64	0.91	0.90	0.62	41.93
1985	0.61	0.85	1.06	3.89	1.29	1.98	0.86	0.57	0.26	0.32	0.24	0.49	12.42
1986	0.92	2.35	2.57	5.02	4.76	2.15	1.54	1.21	0.91	0.58	0.51	0.61	23.13
1987	1.10	1.30	2.47	4.00	1.22	1.62	3.29	1.16	0.99	0.69	0.47	0.44	18.75
1988	0.47	0.93	1.26	0.83	1.18	3.39	1.01	0.80	0.63	0.16	0.00	0.00	10.66
1989	0.42	1.00	1.88	0.46	0.35	0.87	0.53	0.48	0.03	0.00	0.00	0.16	6.18
1990	0.40	2.14	1.45	0.60	2.34	1.85	1.03	0.56	0.26	0.12	0.13	0.19	11.07
1991	0.24	0.44	3.80	1.49	1.11	1.61	0.66	1.37	0.58	0.28	0.18	0.23	11.99
1992	0.32	0.66	0.51	0.38	0.27	0.77	0.87	0.42	0.19	0.14	0.01	0.07	4.64
1993	0.48	1.07	0.45	0.53	1.69	4.62	1.39	0.56	0.34	0.09	0.03	0.07	11.32

Average	0.66	1.17	3.23	4.37	3.31	3.03	1.82	1.13	0.61	0.46	0.43	0.48	20.73
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Note: The monthly flows for the period 1980-1993 given in this table are the values measured at the station site, whereas those for the period 1965-1979 have been calculated by the linear correlation of the flows of Stations No: 6-07 and 6-13.

Table-A.38 Monthly Flows of 7-30 Koşk Deresi-Mezeköy Station

														(Unit: 10 ⁶ /m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	
1965	0.72	1.50	6.28	5.72	14.76	6.38	8.81	5.46	1.53	1.35	1.27	1.21	54.99	
1966	1.35	1.79	4.53	29.52	5.81	13.39	5.43	2.25	0.82	0.34	0.28	0.29	65.80	
1967	0.31	0.49	15.80	13.35	4.72	3.14	2.75	1.79	0.56	0.28	0.28	0.72	44.19	
1968	0.93	1.09	2.89	29.07	8.90	12.91	2.42	0.94	0.52	0.28	0.28	0.38	60.61	
1969	0.60	1.32	6.22	13.60	11.70	10.30	8.48	4.54	0.96	0.29	0.02	0.00	58.03	
1970	0.40	0.96	8.05	9.50	20.40	19.70	6.39	2.52	1.05	0.21	0.02	0.01	69.21	
1971	0.72	1.40	1.73	3.79	6.74	16.30	7.29	2.40	0.83	0.23	0.13	0.10	41.66	
1972	0.16	0.96	2.18	1.28	2.94	3.03	1.50	0.86	0.25	0.11	0.06	0.05	13.38	
1973	0.39	0.62	0.64	0.77	3.51	5.48	3.12	1.17	0.17	0.07	0.04	0.04	16.02	
1974	0.05	0.41	1.65	0.97	8.16	12.50	4.20	1.92	0.54	0.08	0.07	0.05	30.60	
1975	0.43	0.93	3.12	5.17	6.99	5.76	3.90	3.82	1.78	0.18	0.07	0.05	32.20	
1976	0.13	0.71	2.22	2.70	4.38	2.73	4.59	2.59	0.77	0.08	0.49	0.03	21.42	
1977	0.82	0.71	3.63	4.63	7.15	5.12	2.78	1.17	0.16	0.04	0.02	0.01	26.24	
1978	0.22	0.82	1.78	7.37	19.10	9.72	8.53	2.90	0.55	0.11	0.03	0.08	51.21	
1979	0.92	1.04	1.91	14.40	9.75	5.01	2.89	1.66	0.76	0.12	0.11	0.09	38.66	
1980	0.35	1.72	3.41	11.10	5.80	7.28	4.74	2.70	1.00	0.15	0.11	0.09	38.45	
1981	0.11	0.79	6.57	20.10	10.60	9.60	4.79	2.09	0.53	0.13	0.06	0.06	55.43	
1982	0.05	1.78	18.70	9.78	5.69	10.80	6.19	3.63	1.94	0.28	0.11	0.08	59.03	
1983	0.90	0.96	2.21	4.13	10.90	8.64	5.03	1.92	0.35	0.08	0.05	0.04	35.21	
1984	0.05	3.01	7.53	14.00	18.10	14.70	7.84	3.68	0.69	0.14	0.08	0.03	69.85	
1985	0.22	1.21	1.75	11.40	3.87	2.85	2.86	0.97	0.41	0.08	0.04	0.01	25.67	
1986	0.92	2.35	2.57	5.02	4.76	2.15	1.54	1.21	0.91	0.58	0.51	0.61	23.13	
1987	0.03	0.49	2.00	8.54	3.96	5.08	4.41	2.31	0.59	0.06	0.04	0.02	27.53	
1988	0.04	0.21	0.66	0.75	1.58	8.34	2.80	1.09	0.05	0.03	0.02	0.02	15.59	
1989	0.02	3.72	3.28	1.44	1.10	0.98	1.36	1.25	0.06	0.02	0.02	0.02	13.27	
1990	0.03	0.78	1.62	1.21	1.36	1.72	2.73	1.48	0.27	0.02	0.02	0.02	11.26	
1991	0.01	0.00	2.56	1.73	1.59	1.85	1.36	1.07	0.81	0.03	0.02	0.02	11.05	
1992	0.02	0.13	0.26	0.59	0.57	0.83	2.23	1.01	0.12	0.02	0.14	0.02	5.94	
1993	0.91	1.32	2.18	1.23	3.74	5.55	1.89	1.15	1.59	0.88	0.90	0.88	22.22	

Average	0.41	1.15	4.07	8.03	7.19	7.30	4.24	2.12	0.71	0.22	0.18	0.17	35.79
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Note: The monthly flows for the period 1969-1993 given in this table are the values measured at the station site, whereas those for the period 1965-1968 have been calculated by the linear correlation of the flows of Stations No: 7-39 and 7-30.

Table-A.39 Monthly Flows of 7-39 Kapız Çayı-Atangüllü Station

YEAR	(Unit : 10 ⁶ m ³)												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.29	0.81	3.98	3.61	9.61	4.05	5.66	3.44	0.83	0.71	0.66	0.62	34.27
1966	0.71	1.00	2.82	19.40	3.67	8.70	3.42	1.31	0.36	0.04	0.00	0.01	41.44
1967	0.02	0.14	10.30	8.67	2.95	1.90	1.64	1.00	0.19	0.00	0.00	0.29	27.10
1968	0.43	0.54	1.73	19.10	5.72	8.38	1.42	0.44	0.16	0.00	0.00	0.07	37.99
1969	0.12	0.29	2.32	7.40	4.57	2.77	2.99	1.26	0.25	0.00	0.00	0.00	21.97
1970	0.17	0.18	7.72	6.61	10.60	9.31	2.68	1.07	0.34	0.08	0.03	0.06	38.85
1971	0.38	0.53	1.43	1.37	7.39	9.44	2.47	0.81	0.33	0.06	0.03	0.03	24.27
1972	0.15	0.35	2.71	0.51	2.64	1.29	1.59	0.56	0.10	0.05	0.00	0.01	9.96
1973	0.10	0.33	2.17	0.47	3.34	3.46	1.29	0.50	0.07	0.03	0.00	0.03	11.79
1974	0.04	0.30	1.63	0.43	4.03	5.63	0.99	0.41	0.04	0.00	0.00	0.04	13.57
1975	0.13	1.16	3.72	5.34	3.04	2.18	1.39	1.16	0.47	0.01	0.00	0.00	18.60
1976	0.15	3.19	3.08	4.20	5.65	4.70	4.93	0.93	0.22	0.01	0.00	0.01	27.07
1977	0.89	0.33	2.02	2.64	3.23	1.96	0.89	0.35	0.00	0.00	0.00	0.02	12.33
1978	0.41	0.68	0.60	3.97	13.20	5.06	3.59	0.98	0.17	0.02	0.00	0.12	28.80
1979	0.51	0.51	0.89	6.62	5.88	1.89	1.02	0.53	0.24	0.01	0.00	0.00	18.10
1980	0.23	0.62	4.17	7.78	1.48	4.91	2.32	0.92	0.29	0.03	0.00	0.00	22.75
1981	0.14	1.13	9.67	24.70	5.97	5.75	1.96	0.84	0.13	0.00	0.00	0.00	50.29
1982	0.22	1.51	36.90	5.24	1.81	9.32	3.40	1.00	2.03	0.34	0.20	0.08	62.05
1983	1.12	0.39	0.64	1.45	4.90	3.94	1.90	0.78	0.36	0.08	0.00	0.00	15.56
1984	0.35	0.81	4.34	11.20	11.90	7.57	3.52	1.43	0.37	0.05	0.00	0.00	41.54
1985	0.00	0.71	0.93	3.61	2.23	2.29	1.49	0.50	0.01	0.00	0.00	0.00	11.77
1986	0.11	4.34	0.33	4.30	7.19	2.25	0.46	0.19	0.02	0.00	0.00	0.00	19.19
1987	0.07	0.23	2.56	6.00	2.10	4.45	3.88	0.99	0.07	0.00	0.00	0.00	20.35
1988	0.00	0.18	1.04	0.61	1.14	6.55	1.51	0.32	0.00	0.00	0.00	0.00	11.35
1989	0.00	1.67	2.66	0.44	0.88	1.70	0.57	0.69	0.18	0.19	0.19	0.19	9.36
1990	0.51	0.49	1.02	0.29	0.53	1.86	1.45	0.66	0.18	0.19	0.19	0.19	7.56
1991	0.19	0.18	2.39	0.82	0.67	0.64	0.89	0.44	0.21	0.19	0.19	0.18	6.99
1992	0.41	0.20	0.49	0.41	0.36	0.41	0.92	0.41	0.40	0.41	0.41	0.38	5.21
1993	0.42	0.69	1.26	0.63	2.30	3.50	1.07	0.58	0.87	0.40	0.41	0.40	12.53

Average	0.29	0.81	3.98	5.44	4.45	4.34	2.11	0.85	0.31	0.10	0.08	0.09	22.85
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Note : The monthly flows for the period 1965-1993 given in this table, are the values measured at the station site.

Table-A.40 Monthly Flows of 514 Selendi Çayı-Dereköy Station

													(Unit: 10/m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1964	1.21	1.40	6.53	1.47	6.57	22.28	4.59	2.68	3.99	0.27	0.11	0.54	51.64
1965	0.70	1.32	14.60	10.82	28.98	25.31	27.63	23.03	4.77	1.18	0.40	0.49	139.23
1966	2.04	4.72	18.45	39.88	17.27	29.25	18.22	6.86	2.51	1.82	0.62	1.30	142.93
1967	2.36	2.85	16.42	19.74	7.64	9.11	6.87	5.49	1.81	0.67	0.19	0.70	73.85
1968	0.94	0.99	7.55	43.55	36.38	61.39	8.09	4.20	3.40	0.46	0.70	2.44	170.07
1969	1.69	1.58	8.17	20.92	27.46	10.71	11.12	7.79	2.72	1.82	0.43	0.36	94.78
1970	1.03	1.81	32.25	32.68	34.47	27.32	11.09	4.47	2.83	1.93	0.35	0.50	150.74
1971	0.94	2.64	7.34	7.50	9.00	21.53	6.66	3.80	2.95	0.90	1.54	0.80	65.62
1972	1.38	4.80	8.53	1.97	7.85	4.03	2.54	2.29	2.77	0.79	0.61	0.41	37.95
1973	2.17	1.81	1.02	0.85	23.40	10.06	4.03	1.99	0.72	0.69	0.06	0.10	46.90
1974	0.89	0.89	9.74	1.36	35.90	29.14	7.24	9.54	2.28	0.17	0.33	1.27	98.74
1975	1.37	3.36	5.60	5.50	8.99	12.71	5.86	16.04	3.29	0.50	0.44	2.85	66.50
1976	0.83	9.52	16.80	13.12	19.78	4.09	21.68	8.34	3.26	0.56	0.14	0.20	98.31
1977	2.63	1.17	8.89	7.70	12.89	6.84	8.78	3.42	1.34	0.19	0.10	0.38	51.33
1978	1.59	4.54	12.59	34.10	64.13	19.85	16.45	4.62	1.34	0.20	0.18	1.00	160.58
1979	2.38	1.87	5.68	62.62	15.86	7.48	4.66	6.21	2.14	0.53	0.18	0.19	109.78
1980	0.95	3.31	11.80	53.43	20.12	25.99	10.68	5.79	1.92	0.44	0.47	0.41	135.31
1981	0.68	2.91	24.34	49.01	24.58	20.95	6.93	9.81	3.10	0.51	0.68	0.28	143.81
1982	2.08	3.81	85.74	20.74	9.75	9.02	11.26	12.80	2.90	1.54	0.34	0.31	160.28
1983	1.25	0.97	1.32	6.01	5.37	8.80	6.15	2.29	4.37	4.61	0.83	0.16	42.12
1984	0.63	10.81	12.11	17.18	40.97	22.58	19.80	8.78	1.90	0.49	0.76	0.23	136.24
1985	0.51	1.45	1.39	19.38	12.28	9.07	7.39	2.64	0.84	0.13	0.13	0.13	55.34
1986	0.60	2.79	3.30	28.74	37.06	17.30	3.13	1.05	1.60	0.33	0.23	0.85	96.97
1987	0.53	0.77	12.97	25.27	7.22	14.24	6.25	3.36	0.80	0.83	0.05	0.05	72.33
1988	0.19	0.51	5.96	1.27	1.57	13.92	3.97	3.51	0.82	0.10	0.17	0.05	32.03
1989	0.13	3.52	11.63	1.54	0.94	1.14	0.47	0.93	0.16	0.08	0.07	0.06	20.66
1990	0.39	3.24	6.16	2.50	5.42	4.18	3.60	2.42	0.32	0.06	1.09	0.19	29.56
1991	0.23	0.54	13.00	4.33	3.61	2.58	5.44	4.33	0.85	0.42	0.67	0.06	36.07
1992	0.22	0.86	1.13	0.96	0.66	1.89	3.81	0.49	0.89	0.58	0.15	0.06	11.70
1993	1.04	1.90	3.04	2.51	5.77	13.50	4.67	2.74	0.27	0.04	0.06	0.07	35.61
1994	0.09	0.65	2.02	1.94	6.60	6.15	1.39	6.95	6.62	0.48	0.26	0.03	33.18

Average	1.08	2.69	12.13	17.37	17.37	15.24	8.40	5.76	2.24	0.75	0.40	0.53	83.97
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Note: The monthly flows for the period 1964-1994 given in this table, are the values measured at the station site.

Table-A.41 Monthly Flows of 515 Dellnis Çayı-Topuzdamları Station

YEAR	(Unit : 10 ⁶ /m)											TOTAL	
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG		SEP
1966	1.15	4.87	24.29	66.34	21.48	36.24	27.73	10.93	4.02	2.14	0.91	1.71	201.82
1967	2.28	2.72	15.32	24.45	8.61	11.62	8.19	7.42	1.89	0.59	0.27	0.96	84.32
1968	0.99	1.12	7.18	59.46	43.55	55.68	11.90	5.41	3.63	0.56	0.54	2.26	192.27
1969	1.69	2.18	13.20	26.41	31.26	19.10	18.43	8.44	2.31	1.47	0.59	0.70	125.77
1970	2.46	4.02	32.38	42.24	40.64	43.18	23.98	7.41	3.86	1.53	0.76	0.63	203.08
1971	1.29	2.72	6.99	13.15	18.02	32.54	11.15	4.95	2.62	0.63	13.55	1.15	108.77
1972	2.03	5.02	12.68	3.82	12.08	8.09	7.94	3.92	4.60	3.00	2.19	1.81	67.22
1973	3.14	1.33	1.31	1.22	14.09	11.08	5.06	2.04	0.62	1.55	0.10	0.16	41.69
1974	0.43	3.73	21.98	1.99	48.60	44.19	11.87	9.83	3.01	0.24	1.06	3.12	150.06
1975	1.62	3.32	8.98	7.45	9.19	14.17	6.38	21.26	4.02	0.47	0.46	1.51	78.81
1976	1.18	16.77	25.29	14.16	15.81	6.15	24.48	9.75	3.16	0.84	0.52	0.38	118.51
1977	1.79	0.93	14.97	10.13	13.07	7.45	10.52	3.11	1.05	0.51	0.27	1.08	64.89
1978	1.85	3.66	11.16	50.19	52.33	30.05	27.01	7.15	2.53	0.59	0.51	1.37	188.38
1979	2.04	4.08	7.09	66.24	19.92	8.57	7.62	7.55	3.85	0.39	0.24	0.43	128.02
1980	1.40	4.57	17.48	61.76	23.35	31.52	10.31	5.16	1.56	0.07	0.63	0.31	158.12
1981	0.51	3.46	30.99	74.46	23.86	24.34	10.26	11.35	2.75	0.81	0.99	0.68	184.46
1982	1.82	9.56	121.20	24.40	13.21	13.13	14.91	13.48	3.86	0.69	0.44	0.50	217.21
1983	1.92	1.05	2.44	7.63	6.54	10.23	7.32	3.25	1.39	4.23	1.04	0.41	47.45
1984	0.38	14.74	15.64	32.19	52.59	31.04	26.31	9.21	1.70	0.71	0.74	0.43	185.67
1985	0.67	1.30	1.24	31.98	14.60	8.67	7.80	3.15	0.62	0.30	0.13	0.15	70.61
1986	0.43	1.71	2.00	33.85	40.35	15.46	4.06	2.11	1.63	0.10	0.19	0.66	102.54
1987	0.24	0.56	20.93	74.51	13.93	19.00	12.31	6.39	1.62	0.70	0.32	0.13	150.64
1988	0.53	0.51	6.79	1.75	2.68	26.44	9.68	4.23	0.32	0.06	0.30	0.18	53.47
1989	0.30	3.61	20.13	2.20	1.20	1.90	0.68	0.51	0.26	0.14	0.08	0.28	31.28
1990	0.79	2.55	9.80	3.32	5.93	7.10	3.37	2.06	0.65	0.08	6.24	0.14	42.03
1991	0.22	0.52	27.10	3.64	6.71	4.30	7.93	4.19	1.07	0.53	1.74	0.10	58.05
1992	0.33	0.68	0.92	0.68	0.34	2.82	6.54	1.08	3.14	1.64	0.02	0.05	18.23
1993	4.52	3.27	6.26	3.28	22.80	35.20	13.90	14.80	0.67	0.04	0.00	0.00	104.75
1994	0.06	0.62	2.93	3.27	11.90	11.40	4.67	3.93	0.32	0.16	0.10	0.01	39.37

Average	1.31	3.63	16.85	25.73	20.30	19.68	11.80	6.69	2.16	0.85	1.20	0.73	110.95
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Note : The monthly flows for the period 1966-1994 given in this table, are the values measured at the station site.

Table-A.42 Monthly Flows of 525 Yigitler Deresi-Yigitler Station

YEAR	(Unit: 10 ⁶ m ³)												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1976	0.26	0.81	2.71	2.07	3.88	2.07	4.46	1.40	0.72	0.34	0.30	0.20	19.22
1977	0.46	0.66	3.45	3.82	3.51	3.01	1.18	0.66	0.31	0.16	0.09	0.11	17.42
1978	0.54	0.81	2.42	10.25	13.71	7.69	5.16	2.33	0.76	0.39	0.27	0.79	45.12
1979	0.88	0.87	1.43	8.30	3.90	2.90	1.57	1.04	0.47	0.28	0.25	0.17	22.06
1980	0.22	0.78	3.37	6.74	2.54	5.41	3.21	2.25	0.77	0.21	0.24	0.15	25.88
1981	0.19	0.75	4.21	19.21	5.07	4.74	2.43	1.80	0.63	0.34	0.14	0.20	39.71
1982	0.37	1.05	24.78	5.68	3.54	8.77	6.16	4.00	1.26	0.67	0.52	0.27	57.07
1983	0.60	0.60	2.81	3.07	6.54	6.65	3.42	0.80	0.19	0.08	0.38	0.14	25.29
1984	0.15	1.57	2.92	8.72	8.71	5.30	3.51	2.75	0.94	0.55	0.60	0.11	35.82
1985	0.08	0.63	1.26	3.36	2.69	2.72	3.89	0.48	0.36	0.40	0.08	0.06	16.01
1986	1.38	1.76	0.15	5.68	6.87	3.61	1.94	0.36	0.16	0.06	0.05	0.02	22.05
1987	0.06	0.30	2.34	5.56	3.12	3.40	3.71	1.34	0.32	0.16	0.10	0.09	20.50
1988	0.16	0.37	1.63	1.09	1.69	6.39	2.25	0.51	0.25	0.12	0.06	0.04	14.54
1989	0.10	0.37	2.29	1.09	0.71	1.33	0.34	0.23	0.09	0.06	0.04	0.01	6.64
1990	0.14	0.82	1.74	1.09	2.76	2.42	0.90	0.44	0.15	0.08	0.05	0.05	10.64
1991	0.06	0.14	2.79	1.71	1.67	1.47	1.32	1.10	0.59	0.25	0.10	0.06	11.26
1992	0.45	0.36	1.20	1.13	0.68	1.51	2.22	0.52	0.01	0.01	0.00	0.00	8.11
1993	0.01	0.32	1.19	1.45	3.12	4.65	2.58	1.35	0.22	0.01	0.00	0.00	14.91
1994	0.01	0.23	0.97	1.18	1.70	1.97	2.90	1.64	0.21	0.58	0.00	0.00	11.39

Average	0.32	0.69	3.35	4.80	4.02	4.00	2.80	1.32	0.41	0.25	0.17	0.13	22.30
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Note: The monthly flows for the period 1976-1994 given in this table, are the values measured at the station site.

Table-A.43 Monthly Flows of 601 Küçük Menderes Nehri-Selçuk Station

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1953	14.33	65.47	45.88	159.30	117.60	80.38	37.40	25.26	26.00	5.84	1.69	4.07	583.22
1954	6.11	6.87	8.01	40.20	75.67	76.82	46.84	37.31	14.15	4.53	1.69	4.15	322.33
1955	6.27	13.74	65.22	86.91	77.75	47.76	50.57	23.46	8.53	2.73	1.37	4.46	388.76
1956	6.56	105.40	61.55	56.94	192.60	124.70	52.38	22.04	7.70	3.48	1.85	4.46	639.66
1957	6.08	6.43	10.20	44.65	16.93	21.56	10.96	20.86	9.49	5.09	1.02	3.29	156.55
1958	4.61	9.56	11.57	38.03	35.71	106.00	58.03	15.24	3.71	1.29	0.30	1.04	285.08
1961	3.24	6.58	113.80	154.30	154.30	46.07	30.33	22.50	15.11	4.15	0.62	3.01	554.01
1962	5.25	6.35	16.10	22.82	153.70	158.60	65.09	20.89	10.91	3.05	2.04	2.72	467.52
1963	6.48	9.93	145.00	194.30	252.30	134.00	75.50	56.01	29.47	5.65	0.35	3.86	912.85
1964	9.94	10.06	27.11	16.47	26.18	42.24	14.83	8.14	6.38	1.13	0.29	1.55	164.32
1965	2.60	3.76	69.05	46.26	170.10	133.80	196.30	151.10	28.85	10.66	2.46	5.03	819.97
1966	7.93	11.40	85.09	289.50	118.20	143.30	88.39	38.65	17.96	5.46	0.35	5.78	812.01
1967	7.39	9.75	87.85	128.10	49.57	38.30	36.05	34.07	14.70	2.92	0.05	2.23	410.98
1968	4.50	5.99	19.10	189.30	105.50	147.60	40.51	17.17	11.69	0.54	0.48	5.91	548.29
1969	7.63	11.82	35.73	107.40	84.99	61.63	45.83	23.86	8.94	0.88	0.04	0.41	389.17
1970	1.99	4.41	64.52	88.44	136.60	164.50	63.40	22.90	12.75	3.13	0.03	1.43	564.10
1971	5.38	7.34	15.40	28.63	79.98	132.10	59.88	18.96	13.79	4.13	1.55	1.44	368.57
1972	3.48	6.89	42.10	14.54	50.61	26.86	18.30	12.48	6.01	1.01	0.00	0.00	182.28
1973	4.45	3.56	3.66	6.78	33.43	34.90	15.24	6.56	2.45	0.08	0.00	0.00	111.11
1974	0.00	0.00	8.04	2.58	73.76	114.30	27.37	14.34	6.12	0.18	0.00	1.59	248.29
1975	0.43	9.30	36.51	68.59	59.34	46.44	28.90	27.27	13.51	2.85	0.00	0.29	293.42
1976	1.35	14.36	51.08	20.44	28.66	17.93	51.94	20.23	7.75	0.70	0.00	0.13	214.57
1977	14.51	5.74	30.13	45.45	54.00	35.17	17.98	8.60	3.59	0.15	0.00	0.00	215.32
1978	14.00	3.43	8.62	90.45	241.60	115.90	100.40	32.46	15.59	3.11	0.02	2.36	627.94
1979	7.14	5.98	19.68	144.10	75.00	39.35	22.03	18.99	11.93	2.06	0.00	0.00	346.26
1980	0.77	5.61	23.91	102.60	32.82	61.66	39.66	23.45	10.76	2.95	0.33	0.00	304.52
1981	0.72	8.78	77.49	386.00	118.10	117.20	52.38	37.47	15.29	4.61	0.21	0.71	818.97
1982	3.48	9.37	301.30	72.72	49.69	115.80	58.45	59.67	22.61	9.16	1.48	1.76	705.49
1983	7.10	7.45	17.08	32.54	73.74	51.51	39.68	15.98	10.40	2.04	0.00	0.00	257.52
1984	1.37	18.09	51.34	150.80	204.40	150.90	93.75	45.05	16.09	3.66	0.08	1.17	736.71
1985	3.69	5.99	8.11	39.83	25.35	26.20	20.26	10.84	5.44	0.18	0.00	0.00	145.89
1986	0.00	4.09	5.75	51.32	85.30	47.51	13.88	10.29	6.41	0.80	0.00	0.00	225.35
1987	0.00	0.08	11.70	50.27	23.86	27.24	32.09	8.76	3.28	0.25	0.00	0.00	157.53
1988	0.00	0.24	5.97	4.32	6.48	61.84	19.40	7.59	3.33	0.22	0.00	0.00	109.39
1989	0.00	0.68	11.37	4.12	3.73	6.72	2.68	2.39	1.20	0.17	0.00	0.00	33.06
1990	0.00	10.16	5.73	3.67	6.27	12.78	5.70	1.61	0.28	0.00	0.00	0.00	46.20
1991	0.00	0.00	41.90	5.05	5.27	3.78	2.89	2.77	1.43	0.07	0.00	0.00	63.16
1992	0.00	0.00	0.52	0.00	0.00	0.00	1.13	0.01	0.00	0.00	0.00	0.00	1.66
1993	0.00	1.72	3.27	1.95	18.90	42.50	15.10	4.81	0.64	0.00	0.00	0.00	88.89
1994	0.00	0.00	1.41	1.46	5.87	10.50	5.13	5.11	0.09	0.00	0.00	0.00	29.57

Average	4.22	10.41	41.20	74.78	78.10	70.66	41.42	23.38	10.11	2.47	0.46	1.57	358.76
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Note: The monthly flows for the period 1965-1993 given in this table, are the values measured at the station site.

Table-A.44 Summary of the Correlation Studies Carried Out in Order to Extend the Monthly Flows at the Runoff Stations

Dependent Var., Y and R.S	Independent Var., X and R.S	Regression Equation	Common OBS. Period	Correlation Coefficient
6-01	6-07	$Y = 2.12357 + 0.37095 X$	1965/1971-1973/1981-1993	0.740
6-11	6-07	$Y = 0.32712 + 0.09976 X$	1980-1990	0.890
6-12	6-07	$Y = 0.08194 + 0.11735 X$	1982-1983/1985-1990	0.940
6-13	6-07	$Y = 0.49699 + 0.11540 X$	1980-1990	0.940
6-07	7-39	$Y = 1.73781 + 4.68873 X$	1970-1990	0.890
6-11	7-39	$Y = 0.40060 + 0.48287 X$	1980-1993	0.910
6-12	7-39	$Y = 0.21955 + 0.51193 X$	1982-1983/1985-1993	0.950
6-13	7-39	$Y = 0.60889 + 0.54295 X$	1980-1993	0.930
6-01	7-30	$Y = 0.52705 + 2.03789 X$	1965/1971-1973/1981-1993	0.845
6-11	7-30	$Y = 0.09501 + 0.47003 X$	1980-1993	0.840
6-12	7-30	$Y = -0.10759 + 0.54547 X$	1982-1983/1985-1993	0.820
6-13	7-30	$Y = 0.22440 + 0.54537 X$	1980-1993	0.890
6-11	525	$Y = 0.03169 + 0.65410 X$	1980-1994	0.940
6-12	525	$Y = -0.10391 + 0.65615 X$	1982-1983/1985-1993	0.950
6-13	525	$Y = 0.25327 + 0.71570 X$	1980-1993	0.930
6-01	515	$Y = 1.30008 + 0.47148X$	1971-1973/1981-1994	0.820
6-01	514	$Y = 0.98273 + 0.77470X$	1964-1965/1971-1973/1981-1994	0.860
6-11	514	$Y = 0.22624 + 0.16727 X$	1980-1994	0.870
6-12	514	$Y = 0.09026 + 0.18593X$	1982-1983/1985-1993	0.920
6-13	514	$Y = 0.44387 + 0.18721X$	1980-1993	0.890
6-02	601	$Y = 2.42898 + 0.49381X$	1953-1958	0.890
6-03	601	$Y = -2.47306 + 0.55959X$	1961-1963/1965	0.980
6-04	601	$Y = 0.66749 + 0.99519X$	1963-1968	0.990
7-30	7-39	$Y = 0.27834 + 1.50722X$	1969-1993	0.925

Table-A.45 Monthly Natural Flows for Uladi Damsite

													(Unit : 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.68	0.91	2.27	2.11	4.69	2.30	2.99	2.04	0.91	0.86	0.83	0.82	21.39
1966	0.86	0.99	1.76	8.90	2.13	4.29	2.03	1.12	0.71	0.57	0.56	0.56	24.47
1967	0.56	0.61	4.98	4.29	1.82	1.38	1.26	0.99	0.64	0.56	0.56	0.68	18.32
1968	0.74	0.79	1.30	8.77	3.01	4.16	1.17	0.75	0.62	0.56	0.56	0.59	23.00
1969	0.60	0.68	1.55	3.74	2.52	1.75	1.84	1.10	0.66	0.56	0.56	0.56	16.11
1970	0.42	0.45	6.05	3.08	5.90	3.70	1.42	0.74	0.53	0.45	0.43	0.42	23.58
1971	0.42	0.41	1.12	1.79	5.86	4.64	1.92	0.77	0.57	0.46	0.44	0.43	18.87
1972	0.44	0.68	4.19	0.64	1.19	0.93	0.65	0.58	0.47	0.44	0.44	0.43	11.07
1973	0.47	0.45	0.48	0.96	2.37	1.49	0.82	0.58	0.48	0.44	0.43	0.42	9.39
1974	0.42	0.43	0.72	0.51	2.36	3.43	0.91	0.56	0.46	0.43	0.42	0.41	11.07
1975	0.43	0.99	4.48	5.57	4.10	1.92	1.07	0.83	1.02	0.48	0.43	0.42	21.74
1976	0.43	0.96	1.96	0.99	1.60	0.96	1.95	0.84	0.56	0.43	0.42	0.41	11.51
1977	1.30	1.59	4.07	3.92	2.31	1.53	0.90	0.59	0.45	0.41	0.40	0.41	17.86
1978	0.80	0.53	1.32	7.50	4.44	5.12	3.88	1.21	0.58	0.41	0.40	0.43	26.62
1979	0.52	0.54	0.62	5.32	2.81	0.80	0.79	0.66	0.48	0.40	0.40	0.40	13.75
1980	0.43	0.64	1.90	4.22	1.74	3.71	1.26	1.21	0.44	0.05	0.03	0.05	15.69
1981	0.13	1.35	4.32	10.89	4.27	2.36	0.91	1.45	0.24	0.14	0.31	0.64	27.01
1982	1.01	1.77	14.47	3.51	2.42	4.09	2.48	2.23	0.80	0.45	0.38	0.47	34.11
1983	0.36	0.33	1.35	1.76	4.01	0.95	1.48	0.90	0.23	0.04	0.06	0.13	11.60
1984	0.27	3.35	3.33	8.51	5.50	5.27	3.33	1.33	0.51	0.72	0.72	0.49	33.33
1985	0.48	0.68	0.84	3.09	1.03	1.57	0.68	0.45	0.21	0.25	0.19	0.39	9.87
1986	0.73	1.87	2.04	3.99	3.78	1.71	1.22	0.96	0.72	0.46	0.41	0.48	18.39
1987	0.87	1.03	1.96	3.18	0.97	1.29	2.62	0.92	0.79	0.55	0.37	0.35	14.91
1988	0.37	0.74	1.00	0.66	0.91	2.70	0.80	0.64	0.50	0.13	0.00	0.00	8.47
1989	0.33	0.80	1.49	0.37	0.28	0.69	0.42	0.38	0.02	0.00	0.00	0.13	4.91
1990	0.32	1.70	1.15	0.48	1.86	1.47	0.82	0.45	0.21	0.10	0.10	0.15	8.80
1991	0.19	0.35	3.02	1.18	0.88	1.28	0.52	1.09	0.46	0.22	0.14	0.16	9.53
1992	0.25	0.52	0.43	0.30	0.21	0.61	0.69	0.33	0.15	0.11	0.01	0.06	3.69
1993	0.38	0.85	0.36	0.42	1.34	3.67	1.11	0.45	0.27	0.07	0.02	0.06	9.00

Average	0.52	0.93	2.57	3.47	2.63	2.41	1.45	0.90	0.51	0.37	0.35	0.38	16.48
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Table-A.46 Monthly Natural Flows for Ergenli Damsite

													(Unit: 10 ⁶ m ³)	
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	
1965	1.00	1.35	3.36	3.13	6.96	3.41	4.41	3.02	1.36	1.27	1.24	1.22	31.75	
1966	1.27	1.46	2.62	13.20	3.16	6.37	3.01	1.66	1.05	0.85	0.83	0.83	36.32	
1967	0.84	0.91	7.40	6.36	2.70	2.04	1.88	1.46	0.94	0.83	0.83	1.00	27.19	
1968	1.10	1.17	1.92	13.02	4.47	6.17	1.73	1.11	0.92	0.83	0.83	0.87	34.14	
1969	0.90	1.00	2.30	5.55	3.74	2.60	2.74	1.63	0.98	0.83	0.83	0.83	23.91	
1970	0.63	0.66	8.98	4.58	8.76	5.49	2.10	1.10	0.79	0.66	0.64	0.63	35.00	
1971	0.63	0.65	1.66	2.65	8.70	6.89	2.85	1.14	0.85	0.68	0.65	0.64	28.00	
1972	0.65	1.01	6.22	0.94	1.77	1.38	0.97	0.86	0.70	0.65	0.65	0.64	16.44	
1973	0.70	0.67	0.72	1.43	3.52	2.21	1.22	0.86	0.71	0.65	0.64	0.63	13.94	
1974	0.63	0.64	1.07	0.76	3.50	5.09	1.36	0.83	0.68	0.64	0.63	0.61	16.43	
1975	0.64	1.46	6.66	8.27	6.09	2.86	1.59	1.23	1.51	0.71	0.64	0.63	32.27	
1976	0.64	1.43	2.91	1.46	2.37	1.43	2.89	1.25	0.83	0.64	0.63	0.61	17.09	
1977	1.92	2.36	6.04	5.82	3.42	2.27	1.33	0.87	0.67	0.60	0.59	0.60	26.50	
1978	1.18	0.79	1.96	11.13	6.60	7.60	5.76	1.79	0.86	0.61	0.59	0.64	39.51	
1979	0.78	0.80	0.92	7.89	4.18	1.19	1.17	0.98	0.72	0.59	0.59	0.59	20.40	
1980	0.64	0.96	2.82	6.27	2.58	5.51	1.88	1.79	0.65	0.07	0.05	0.07	23.28	
1981	0.19	2.01	6.41	16.17	6.34	3.50	1.36	2.15	0.35	0.20	0.46	0.96	40.08	
1982	1.50	2.63	21.48	5.25	3.60	6.07	3.68	3.32	1.18	0.66	0.57	0.70	50.62	
1983	0.53	0.50	2.01	2.61	5.95	1.42	2.19	1.33	0.34	0.06	0.09	0.19	17.22	
1984	0.40	4.98	4.94	12.63	8.17	7.82	4.94	1.97	0.76	1.07	1.06	0.73	49.48	
1985	0.72	1.00	1.25	4.59	1.52	2.34	1.01	0.67	0.31	0.38	0.28	0.58	14.66	
1986	1.09	2.77	3.03	5.92	5.62	2.54	1.82	1.43	1.07	0.68	0.60	0.72	27.29	
1987	1.30	1.53	2.91	4.72	1.44	1.91	3.88	1.37	1.17	0.81	0.55	0.52	22.12	
1988	0.55	1.10	1.49	0.98	1.39	4.00	1.19	0.94	0.74	0.19	0.00	0.00	12.58	
1989	0.50	1.18	2.22	0.54	0.41	1.03	0.63	0.57	0.04	0.00	0.00	0.19	7.29	
1990	0.47	2.53	1.71	0.71	2.76	2.18	1.22	0.66	0.31	0.14	0.15	0.22	13.06	
1991	0.28	0.52	4.48	1.76	1.31	1.90	0.78	1.62	0.68	0.33	0.21	0.27	14.15	
1992	0.38	0.78	0.64	0.45	0.32	0.91	1.03	0.50	0.22	0.17	0.01	0.08	5.48	
1993	0.57	1.26	0.53	0.63	1.99	5.45	1.64	0.66	0.40	0.11	0.04	0.08	13.36	

Average	0.78	1.38	3.82	5.15	3.91	3.57	2.15	1.34	0.75	0.55	0.51	0.56	24.47
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Table-A.47 Monthly Natural Flows for Burgaz Damsite

													(Unit : 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.94	1.25	3.13	2.92	6.49	3.18	4.14	2.82	1.26	1.19	1.15	1.13	29.60
1966	1.19	1.36	2.44	12.31	2.95	5.91	2.81	1.55	0.98	0.79	0.77	0.77	33.86
1967	0.78	0.85	6.90	5.93	2.52	1.90	1.75	1.36	0.88	0.77	0.77	0.94	25.34
1968	1.02	1.09	1.79	12.13	4.17	5.75	1.62	1.03	0.86	0.77	0.77	0.81	31.82
1969	0.81	0.94	2.14	5.17	3.49	2.42	2.55	1.52	0.91	0.77	0.77	0.77	22.29
1970	0.58	0.62	8.37	4.27	8.16	5.12	1.96	1.02	0.74	0.62	0.59	0.58	32.63
1971	0.58	0.61	1.55	2.48	8.11	6.42	2.66	1.07	0.79	0.64	0.61	0.59	26.10
1972	0.61	0.95	5.80	0.88	1.65	1.29	0.90	0.80	0.65	0.61	0.61	0.59	15.32
1973	0.65	0.63	0.67	1.33	3.28	2.06	1.13	0.80	0.66	0.61	0.59	0.58	12.99
1974	0.58	0.59	1.00	0.70	3.27	4.74	1.26	0.77	0.64	0.59	0.58	0.57	15.31
1975	0.59	1.36	6.20	7.71	5.68	2.66	1.49	1.14	1.41	0.66	0.59	0.58	30.09
1976	0.59	1.33	2.72	1.36	2.21	1.33	2.70	1.17	0.77	0.59	0.58	0.57	15.93
1977	1.79	2.20	5.63	5.42	3.19	2.11	1.24	0.81	0.63	0.56	0.55	0.56	24.71
1978	1.10	0.74	1.83	10.37	6.15	7.08	5.37	1.67	0.80	0.57	0.55	0.59	36.83
1979	0.73	0.75	0.86	7.36	3.89	1.11	1.09	0.91	0.67	0.55	0.55	0.55	19.02
1980	0.59	0.89	2.63	5.84	2.41	5.14	1.75	1.67	0.61	0.07	0.04	0.07	21.70
1981	0.18	1.87	5.97	15.07	5.91	3.27	1.26	2.00	0.33	0.19	0.43	0.89	37.37
1982	1.40	2.45	20.02	4.89	3.36	5.65	3.43	3.09	1.10	0.62	0.53	0.65	47.19
1983	0.50	0.46	1.87	2.43	5.54	1.32	2.05	1.24	0.32	0.06	0.09	0.18	16.05
1984	0.37	4.64	4.61	11.77	7.61	7.29	4.61	1.84	0.70	1.00	0.99	0.68	46.12
1985	0.67	0.91	1.17	4.28	1.42	2.18	0.95	0.63	0.29	0.35	0.26	0.54	13.66
1986	1.01	2.59	2.83	5.52	5.24	2.37	1.69	1.33	1.00	0.64	0.56	0.67	25.44
1987	1.21	1.43	2.72	4.40	1.34	1.78	3.62	1.28	1.09	0.76	0.52	0.48	20.63
1988	0.52	1.02	1.39	0.91	1.30	3.73	1.11	0.88	0.69	0.18	0.00	0.00	11.73
1989	0.46	1.10	2.07	0.51	0.38	0.96	0.58	0.53	0.03	0.00	0.00	0.18	6.80
1990	0.44	2.35	1.60	0.66	2.57	2.04	1.13	0.62	0.29	0.13	0.14	0.21	12.18
1991	0.26	0.48	4.18	1.64	1.22	1.77	0.73	1.51	0.64	0.31	0.20	0.25	13.19
1992	0.35	0.73	0.59	0.42	0.30	0.85	0.96	0.46	0.21	0.15	0.01	0.08	5.10
1993	0.53	1.18	0.50	0.58	1.86	5.08	1.53	0.62	0.37	0.10	0.03	0.08	12.45

Average	0.73	1.29	3.56	4.80	3.64	3.33	2.00	1.25	0.70	0.51	0.48	0.52	22.81
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Table-A.48

Monthly Natural Flows for Atkaş Damsite

													(Unit : 10 ⁶ m ³)	
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL	
1965	0.36	0.58	1.98	1.82	4.46	2.01	2.72	1.74	0.59	0.54	0.52	0.50	17.83	
1966	0.54	0.67	1.47	8.77	1.85	4.06	1.74	0.81	0.38	0.25	0.23	0.23	21.00	
1967	0.24	0.29	4.76	4.05	1.53	1.06	0.95	0.67	0.31	0.23	0.23	0.36	14.69	
1968	0.42	0.46	0.99	8.63	2.74	3.92	0.86	0.42	0.30	0.23	0.23	0.26	19.46	
1969	0.28	0.36	1.25	3.49	2.24	1.45	1.54	0.78	0.34	0.23	0.23	0.23	12.42	
1970	0.10	0.11	5.85	2.82	5.70	3.45	1.10	0.42	0.21	0.12	0.10	0.09	20.05	
1971	0.10	0.11	0.81	1.50	5.66	4.42	1.63	0.46	0.25	0.13	0.10	0.10	15.26	
1972	0.11	0.36	3.95	0.31	0.88	0.61	0.33	0.26	0.14	0.11	0.10	0.10	7.26	
1973	0.14	0.12	0.15	0.65	2.08	1.18	0.50	0.26	0.15	0.10	0.10	0.10	5.53	
1974	0.10	0.10	0.40	0.18	2.07	3.16	0.60	0.22	0.13	0.10	0.09	0.09	7.23	
1975	0.10	0.67	4.26	5.36	3.86	1.63	0.76	0.50	0.70	0.15	0.10	0.09	18.19	
1976	0.10	0.64	1.67	0.67	1.30	0.64	1.66	0.52	0.22	0.10	0.10	0.09	7.70	
1977	0.98	1.29	3.83	3.67	2.02	1.22	0.58	0.26	0.13	0.07	0.06	0.07	14.19	
1978	0.47	0.21	1.02	7.33	4.21	4.90	3.63	0.90	0.26	0.08	0.06	0.10	23.17	
1979	0.20	0.22	0.30	5.10	2.54	0.48	0.47	0.34	0.15	0.05	0.06	0.06	9.99	
1980	0.06	0.43	1.96	5.29	1.50	2.38	0.92	0.67	0.28	0.09	0.06	0.06	13.70	
1981	0.07	0.36	2.05	12.08	3.32	2.17	0.91	0.66	0.24	0.09	0.07	0.08	22.10	
1982	0.00	1.59	15.20	2.95	1.73	4.05	2.41	1.59	0.62	0.61	0.02	0.02	30.79	
1983	0.09	0.11	0.93	1.60	1.94	1.22	1.18	0.23	0.15	0.03	0.03	0.03	7.54	
1984	0.11	0.95	4.15	7.99	4.24	3.50	1.54	0.66	0.23	0.18	0.13	0.10	23.78	
1985	0.06	0.18	0.15	1.93	2.18	1.98	1.26	0.35	0.03	0.00	0.00	0.00	8.13	
1986	0.00	0.30	0.11	3.82	2.28	0.98	0.35	0.20	0.06	0.00	0.00	0.01	8.11	
1987	0.04	0.08	1.13	2.16	0.82	0.60	0.86	0.23	0.06	0.01	0.00	0.00	5.99	
1988	0.17	0.30	0.77	0.46	0.70	3.17	1.22	0.56	0.19	0.00	0.00	0.00	7.52	
1989	0.11	0.50	1.75	0.57	0.42	0.77	0.35	0.37	0.07	0.00	0.00	0.00	4.91	
1990	0.14	1.78	0.75	0.62	1.06	1.46	1.30	0.82	0.14	0.00	0.00	0.00	8.07	
1991	0.02	0.55	1.68	0.71	0.88	0.70	0.78	0.71	0.20	0.00	0.00	0.00	6.24	
1992	0.03	0.22	0.44	0.38	0.27	0.49	0.83	0.21	0.03	0.00	0.00	0.00	2.90	
1993	0.08	0.90	0.86	0.53	1.62	1.76	0.88	0.69	0.18	0.00	0.00	0.00	7.48	

Average	0.18	0.50	2.23	3.29	2.28	2.05	1.17	0.57	0.23	0.12	0.09	0.10	12.80
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Table-A.49 Monthly Natural Flows for Ödemiş Damsite

													(Unit : 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.95	1.30	3.49	3.24	7.40	3.55	4.66	3.12	1.32	1.23	1.20	1.17	32.63
1966	1.23	1.44	2.69	14.18	3.29	6.76	3.11	1.64	0.99	0.77	0.74	0.74	37.58
1967	0.75	0.84	7.87	6.75	2.78	2.06	1.88	1.44	0.87	0.74	0.74	0.95	27.68
1968	1.04	1.11	1.94	13.96	4.71	6.54	1.73	1.05	0.86	0.74	0.74	0.78	35.19
1969	0.83	0.95	2.35	5.86	3.91	2.66	2.81	1.61	0.92	0.74	0.74	0.74	24.12
1970	0.53	0.56	9.58	4.81	9.34	5.80	2.12	1.04	0.71	0.56	0.53	0.52	36.10
1971	0.53	0.56	1.66	2.72	9.28	7.33	2.95	1.10	0.77	0.59	0.55	0.55	28.58
1972	0.56	0.95	6.60	0.87	1.76	1.35	0.90	0.78	0.61	0.55	0.55	0.53	16.01
1973	0.61	0.58	0.62	1.41	3.66	2.23	1.17	0.78	0.61	0.55	0.53	0.53	13.28
1974	0.53	0.53	1.01	0.67	3.64	5.36	1.33	0.74	0.59	0.53	0.52	0.52	15.97
1975	0.53	1.44	7.07	8.81	6.45	2.95	1.57	1.17	1.48	0.62	0.55	0.52	33.15
1976	0.55	1.39	3.00	1.44	2.41	1.39	2.97	1.20	0.74	0.53	0.53	0.52	16.68
1977	1.92	2.40	6.41	6.16	3.55	2.29	1.29	0.78	0.58	0.49	0.49	0.50	26.86
1978	1.12	0.71	1.97	11.91	7.00	8.08	6.10	1.79	0.78	0.52	0.49	0.55	41.03
1979	0.70	0.71	0.84	8.41	4.38	1.14	1.12	0.92	0.62	0.49	0.49	0.49	20.31
1980	0.10	0.38	3.05	8.47	4.68	7.43	3.83	3.71	3.21	0.87	0.19	0.21	36.14
1981	0.43	3.09	7.44	20.72	2.72	2.59	0.62	1.97	0.59	0.12	0.03	0.01	40.34
1982	0.06	0.67	22.64	7.67	3.76	9.26	4.85	3.79	1.39	1.10	0.61	0.44	56.24
1983	0.78	0.43	1.14	2.97	3.63	4.00	3.61	1.24	1.64	0.73	0.06	0.03	20.26
1984	0.06	2.18	2.15	7.00	10.72	3.48	2.19	0.56	0.03	0.00	0.00	0.00	28.36
1985	0.07	0.21	0.46	2.71	1.78	1.95	1.29	0.25	0.07	3.02	3.02	2.92	17.75
1986	0.01	0.34	0.16	3.82	6.23	3.18	0.61	0.18	0.10	0.01	0.01	0.01	14.68
1987	0.03	0.04	1.85	7.06	4.10	4.72	5.48	1.58	0.30	0.07	0.03	0.03	25.29
1988	0.13	0.44	2.22	0.78	1.85	10.54	4.25	1.89	0.61	0.04	0.01	0.03	22.81
1989	0.10	0.61	3.71	0.90	0.53	0.99	0.27	0.22	0.04	0.03	0.03	0.03	7.47
1990	0.09	1.61	0.93	0.86	2.28	2.16	2.62	0.43	0.00	0.00	0.00	0.00	10.98
1991	0.04	0.12	3.45	1.55	1.54	1.76	2.07	1.49	0.65	0.06	0.01	0.01	12.77
1992	0.01	0.16	0.33	0.22	0.15	0.56	1.55	0.21	0.28	0.13	0.00	0.00	3.61
1993	0.01	0.62	0.78	0.55	2.41	4.90	3.29	1.79	0.27	0.01	0.01	0.00	14.65

Average	0.49	0.91	3.70	5.40	4.14	4.04	2.49	1.33	0.75	0.55	0.46	0.46	24.71
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Table-A.50 Monthly Natural Flows for Birgl Damsite

													(Unit: 10 ⁶ /m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.22	0.30	0.80	0.74	1.70	0.82	1.07	0.72	0.30	0.28	0.28	0.27	7.50
1966	0.28	0.33	0.62	3.26	0.75	1.55	0.71	0.38	0.23	0.18	0.17	0.17	8.63
1967	0.17	0.19	1.81	1.55	0.64	0.47	0.43	0.33	0.20	0.17	0.17	0.22	6.36
1968	0.24	0.25	0.45	3.21	1.08	1.50	0.40	0.24	0.20	0.17	0.17	0.18	8.09
1969	0.19	0.22	0.51	1.35	0.90	0.61	0.65	0.37	0.21	0.17	0.17	0.17	5.54
1970	0.12	0.13	2.20	1.11	2.15	1.33	0.49	0.24	0.16	0.13	0.12	0.12	8.29
1971	0.12	0.13	0.38	0.63	2.13	1.68	0.68	0.25	0.18	0.14	0.13	0.13	6.57
1972	0.13	0.22	1.52	0.20	0.40	0.31	0.21	0.18	0.14	0.13	0.13	0.12	3.68
1973	0.14	0.13	0.14	0.32	0.81	0.51	0.27	0.18	0.14	0.13	0.12	0.12	3.05
1974	0.12	0.12	0.23	0.15	0.81	1.23	0.31	0.17	0.14	0.12	0.12	0.12	3.67
1975	0.12	0.33	1.63	2.02	1.48	0.68	0.36	0.27	0.34	0.14	0.13	0.12	7.62
1976	0.13	0.32	0.69	0.33	0.55	0.32	0.68	0.28	0.17	0.12	0.12	0.12	3.83
1977	0.44	0.55	1.47	1.41	0.82	0.53	0.30	0.18	0.13	0.11	0.11	0.12	6.17
1978	0.26	0.16	0.45	2.74	1.61	1.86	1.40	0.41	0.18	0.12	0.11	0.13	9.42
1979	0.16	0.16	0.19	1.93	1.01	0.26	0.26	0.21	0.14	0.11	0.11	0.11	4.66
1980	0.02	0.09	0.70	1.94	1.07	1.71	0.88	0.85	0.74	0.20	0.04	0.05	8.30
1981	0.10	0.71	1.71	4.76	0.63	0.60	0.14	0.45	0.14	0.03	0.01	0.00	9.27
1982	0.01	0.15	5.20	1.76	0.86	2.13	1.12	0.87	0.32	0.25	0.14	0.10	12.92
1983	0.18	0.10	0.26	0.68	0.83	0.92	0.83	0.29	0.38	0.17	0.01	0.01	4.65
1984	0.01	0.50	0.49	1.61	2.46	0.80	0.50	0.13	0.01	0.00	0.00	0.00	6.51
1985	0.02	0.05	0.11	0.62	0.41	0.45	0.30	0.06	0.02	0.69	0.69	0.67	4.08
1986	0.00	0.08	0.04	0.88	1.43	0.73	0.14	0.04	0.02	0.00	0.00	0.00	3.37
1987	0.01	0.01	0.43	1.62	0.91	1.08	1.26	0.36	0.07	0.02	0.01	0.01	5.81
1988	0.03	0.10	0.51	0.18	0.43	2.42	0.98	0.41	0.14	0.01	0.00	0.01	5.24
1989	0.02	0.14	0.85	0.21	0.12	0.23	0.06	0.05	0.01	0.01	0.01	0.01	1.72
1990	0.02	0.37	0.21	0.20	0.52	0.50	0.60	0.10	0.00	0.00	0.00	0.00	2.52
1991	0.01	0.03	0.79	0.36	0.35	0.40	0.48	0.34	0.15	0.01	0.00	0.00	2.93
1992	0.00	0.04	0.07	0.05	0.03	0.13	0.36	0.05	0.06	0.03	0.00	0.00	0.83
1993	0.00	0.14	0.18	0.13	0.55	1.13	0.75	0.41	0.06	0.00	0.00	0.00	3.37

Average	0.11	0.21	0.85	1.24	0.95	0.93	0.57	0.30	0.17	0.13	0.11	0.11	5.68
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Table-A.51 Monthly Natural Flows for Bucak Damsite

													(Unit: 10 ³ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.31	0.43	1.16	1.07	2.45	1.18	1.51	1.03	0.41	0.41	0.40	0.39	10.80
1966	0.41	0.48	0.89	4.69	1.09	2.24	1.03	0.51	0.33	0.25	0.25	0.25	12.41
1967	0.25	0.28	2.61	2.23	0.92	0.68	0.62	0.48	0.29	0.25	0.25	0.31	9.16
1968	0.34	0.37	0.64	4.62	1.56	2.17	0.57	0.35	0.28	0.25	0.25	0.26	11.65
1969	0.27	0.31	0.78	1.94	1.29	0.88	0.93	0.53	0.30	0.25	0.25	0.25	7.99
1970	0.18	0.19	3.17	1.59	3.09	1.92	0.70	0.34	0.24	0.19	0.18	0.17	11.95
1971	0.18	0.19	0.55	0.90	3.07	2.43	0.98	0.36	0.25	0.20	0.18	0.18	9.46
1972	0.19	0.31	2.19	0.29	0.58	0.45	0.30	0.26	0.20	0.18	0.18	0.18	5.30
1973	0.20	0.19	0.21	0.47	1.21	0.71	0.39	0.26	0.20	0.18	0.18	0.18	4.40
1974	0.18	0.18	0.33	0.22	1.21	1.77	0.44	0.25	0.20	0.18	0.17	0.17	5.29
1975	0.18	0.48	2.34	2.92	2.14	0.98	0.52	0.39	0.49	0.21	0.18	0.17	10.98
1976	0.18	0.46	0.99	0.48	0.80	0.46	0.98	0.40	0.25	0.18	0.18	0.17	5.52
1977	0.64	0.79	2.12	2.04	1.18	0.76	0.43	0.26	0.19	0.16	0.16	0.17	8.89
1978	0.37	0.24	0.65	3.94	2.32	2.68	2.02	0.59	0.26	0.17	0.16	0.18	13.58
1979	0.23	0.24	0.28	2.78	1.45	0.38	0.37	0.30	0.21	0.16	0.16	0.16	6.72
1980	0.03	0.13	1.01	2.80	1.55	2.46	1.27	1.23	1.06	0.29	0.06	0.07	11.97
1981	0.14	1.02	2.46	6.86	0.90	0.86	0.21	0.65	0.20	0.04	0.01	0.00	13.36
1982	0.02	0.22	7.50	2.54	1.24	3.07	1.61	1.25	0.46	0.36	0.20	0.15	18.62
1983	0.26	0.14	0.38	0.98	1.20	1.32	1.20	0.41	0.54	0.24	0.02	0.01	6.71
1984	0.02	0.72	0.71	2.32	3.55	1.15	0.73	0.19	0.01	0.00	0.00	0.00	9.39
1985	0.02	0.07	0.15	0.90	0.59	0.65	0.43	0.08	0.02	1.00	1.00	0.97	5.88
1986	0.00	0.11	0.05	1.26	2.06	1.05	0.20	0.06	0.03	0.00	0.00	0.00	4.86
1987	0.01	0.01	0.61	2.34	1.36	1.56	1.81	0.52	0.10	0.02	0.01	0.01	8.37
1988	0.04	0.15	0.74	0.26	0.61	3.49	1.41	0.63	0.20	0.01	0.00	0.01	7.55
1989	0.03	0.20	1.23	0.30	0.18	0.33	0.09	0.07	0.01	0.01	0.01	0.01	2.47
1990	0.03	0.53	0.31	0.28	0.75	0.72	0.87	0.14	0.00	0.00	0.00	0.00	3.64
1991	0.01	0.04	1.14	0.51	0.51	0.58	0.69	0.49	0.22	0.02	0.00	0.00	4.23
1992	0.00	0.05	0.11	0.07	0.05	0.19	0.51	0.07	0.09	0.04	0.00	0.00	1.20
1993	0.00	0.21	0.26	0.18	0.80	1.62	1.09	0.59	0.09	0.00	0.00	0.00	4.85

Average	0.16	0.30	1.23	1.79	1.37	1.34	0.82	0.44	0.25	0.18	0.15	0.15	8.18
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Table-A.52 Monthly Natural Flows for Beydağ Damsite

													(Unit: 10 ⁶ /m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1964	5.16	2.39	6.17	2.58	5.52	9.94	2.43	2.02	2.31	1.46	1.01	1.20	42.19
1965	0.52	0.79	14.20	9.10	25.10	24.60	43.90	39.80	3.46	1.90	0.93	0.32	164.62
1966	3.28	4.17	9.76	60.69	12.37	27.81	11.59	5.11	2.20	1.22	1.10	1.12	140.42
1967	1.16	1.53	32.73	27.73	10.15	6.93	6.13	4.17	1.67	1.10	1.10	1.99	96.39
1968	2.42	2.75	6.42	59.77	18.66	26.84	5.46	2.44	1.59	1.10	1.10	1.30	129.85
1969	1.75	3.22	13.20	28.24	24.37	21.52	17.81	9.78	2.48	1.12	0.57	0.53	124.59
1970	1.34	2.48	16.93	19.89	42.10	40.67	13.55	5.66	2.67	0.96	0.57	0.55	147.37
1971	2.45	2.86	3.60	6.39	11.90	28.40	10.40	3.69	2.11	0.93	0.56	1.29	74.58
1972	1.49	2.19	4.83	2.29	5.16	4.54	3.69	2.40	1.31	0.80	0.35	0.29	29.34
1973	2.70	1.64	1.34	1.86	6.10	6.02	5.15	1.99	0.41	0.74	0.09	0.02	28.06
1974	0.63	1.36	3.89	2.50	17.16	26.00	9.09	4.41	1.63	0.69	0.67	0.63	68.69
1975	1.40	2.42	6.89	11.06	14.77	12.27	8.47	8.31	4.15	0.89	0.67	0.63	71.93
1976	0.79	1.97	5.05	6.03	9.45	6.09	9.88	5.81	2.10	0.69	1.53	0.59	49.98
1977	2.20	1.97	7.92	9.96	15.10	10.96	6.19	2.91	0.85	0.61	0.57	0.55	59.79
1978	0.98	2.20	4.15	15.55	39.45	20.34	17.91	6.44	1.65	0.75	0.59	0.69	110.70
1979	2.40	2.65	4.42	29.87	20.40	10.74	6.42	3.91	2.08	0.77	0.75	0.71	85.12
1980	1.24	4.03	7.48	23.15	12.35	15.36	10.19	6.03	2.56	0.83	0.75	0.71	84.68
1981	6.90	16.30	43.00	38.40	24.80	23.10	12.50	10.10	1.20	0.58	0.00	8.90	185.78
1982	4.30	11.20	48.20	28.00	16.10	16.40	17.90	9.60	2.00	0.63	0.12	0.04	154.49
1983	2.30	1.80	3.20	5.00	8.20	7.60	8.70	2.90	2.20	1.30	1.00	0.96	45.16
1984	1.30	7.90	7.30	21.00	45.10	31.70	15.30	6.30	1.10	0.23	0.14	0.11	137.48
1985	0.05	0.51	0.38	9.14	6.68	7.44	6.73	2.40	0.61	0.23	0.05	0.00	34.25
1986	1.57	2.90	1.49	10.60	16.62	16.78	7.60	2.44	0.97	0.29	0.29	0.29	61.84
1987	1.37	2.76	5.17	12.60	8.88	12.00	11.60	4.42	1.47	0.76	0.05	0.00	61.08
1988	0.14	0.71	1.66	1.62	2.32	10.57	6.83	2.16	0.51	0.21	0.26	0.04	27.06
1989	0.35	2.00	6.27	2.66	1.63	2.39	0.84	1.04	0.84	0.21	0.00	0.00	18.23
1990	0.00	2.60	7.05	3.65	5.07	4.81	6.51	3.92	1.04	0.41	0.00	0.06	35.12
1991	0.00	1.17	8.60	2.07	2.03	3.23	3.07	2.34	1.51	0.16	0.00	0.00	24.18
1992	0.00	0.00	0.73	0.78	0.58	0.73	3.15	0.28	0.18	0.13	0.03	0.00	6.59
1993	0.74	1.38	2.49	1.56	4.25	10.11	10.82	7.81	1.95	0.00	0.00	0.00	41.11
1994	0.00	0.34	1.86	2.20	3.67	6.21	3.82	0.77	0.27	0.00	0.00	0.00	19.14
Average	1.64	2.97	9.24	14.71	14.07	14.58	9.79	5.53	1.65	0.70	0.48	0.76	76.12

Table-A.53 Monthly Natural Flows for Pirinçel Damsite

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.38	0.80	3.35	3.05	7.88	3.41	4.70	2.92	0.82	0.72	0.68	0.65	29.36
1966	0.72	0.96	2.42	15.76	3.10	7.15	2.90	1.20	0.44	0.18	0.15	0.15	35.14
1967	0.17	0.26	8.44	7.13	2.52	1.68	1.47	0.96	0.30	0.15	0.15	0.38	23.60
1968	0.50	0.58	1.54	15.52	4.75	6.89	1.29	0.50	0.28	0.15	0.15	0.20	32.37
1969	0.32	0.70	3.32	7.26	6.25	5.50	4.53	2.42	0.51	0.15	0.01	0.00	30.99
1970	0.21	0.51	4.30	5.07	10.89	10.52	3.41	1.35	0.56	0.11	0.01	0.01	36.96
1971	0.38	0.75	0.92	2.02	3.60	8.70	3.89	1.28	0.44	0.12	0.07	0.05	22.25
1972	0.09	0.51	1.16	0.68	1.57	1.62	0.80	0.46	0.13	0.06	0.03	0.03	7.14
1973	0.21	0.33	0.34	0.41	1.87	2.93	1.67	0.62	0.09	0.04	0.02	0.02	8.55
1974	0.03	0.22	0.88	0.52	4.36	6.67	2.24	1.03	0.29	0.04	0.04	0.03	16.34
1975	0.23	0.50	1.67	2.76	3.73	3.08	2.08	2.04	0.95	0.10	0.04	0.03	17.19
1976	0.07	0.38	1.19	1.41	2.34	1.46	2.45	1.38	0.41	0.04	0.26	0.02	11.44
1977	0.44	0.38	1.94	2.47	3.82	2.73	1.48	0.62	0.09	0.02	0.01	0.01	14.01
1978	0.12	0.44	0.95	3.94	10.20	5.19	4.56	1.55	0.29	0.06	0.02	0.04	27.35
1979	0.49	0.56	1.02	7.69	5.21	2.68	1.54	0.89	0.41	0.06	0.06	0.05	20.64
1980	0.19	0.92	1.82	5.93	3.10	3.89	2.53	1.44	0.53	0.08	0.06	0.05	20.53
1981	0.06	0.42	3.51	10.73	5.66	5.13	2.56	1.12	0.28	0.07	0.03	0.03	29.60
1982	0.03	0.95	9.99	5.22	3.04	5.77	3.31	1.94	1.04	0.15	0.06	0.04	31.52
1983	0.48	0.51	1.18	2.21	5.82	4.61	2.69	1.03	0.19	0.04	0.03	0.02	18.80
1984	0.03	1.61	4.02	7.48	9.67	7.85	4.19	1.97	0.37	0.07	0.04	0.02	37.30
1985	0.12	0.65	0.93	6.09	2.07	1.52	1.53	0.52	0.22	0.04	0.02	0.01	13.71
1986	0.49	1.25	1.37	2.68	2.54	1.15	0.82	0.65	0.49	0.31	0.27	0.33	12.35
1987	0.02	0.26	1.07	4.56	2.11	2.71	2.35	1.23	0.32	0.03	0.02	0.01	14.70
1988	0.02	0.11	0.35	0.40	0.84	4.45	1.50	0.58	0.03	0.02	0.01	0.01	8.33
1989	0.01	1.99	1.75	0.77	0.59	0.52	0.73	0.67	0.03	0.01	0.01	0.01	7.09
1990	0.02	0.42	0.87	0.65	0.73	0.92	1.46	0.79	0.14	0.01	0.01	0.01	6.01
1991	0.01	0.00	1.37	0.92	0.85	0.99	0.73	0.57	0.43	0.02	0.01	0.01	5.90
1992	0.01	0.07	0.14	0.32	0.30	0.44	1.19	0.54	0.06	0.01	0.07	0.01	3.17
1993	0.49	0.70	1.16	0.66	2.00	2.96	1.01	0.61	0.85	0.47	0.48	0.47	11.87

Average	0.22	0.61	2.17	4.29	3.84	3.90	2.26	1.13	0.38	0.12	0.10	0.09	19.11
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Table-A.54 Monthly Natural Flows for Sarılar Damsite

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.23	0.48	2.01	1.83	4.72	2.04	2.82	1.75	0.49	0.43	0.41	0.39	17.60
1966	0.43	0.57	1.45	9.45	1.86	4.28	1.74	0.72	0.26	0.11	0.09	0.09	21.06
1967	0.10	0.16	5.05	4.27	1.51	1.00	0.88	0.57	0.18	0.09	0.09	0.23	14.14
1968	0.30	0.35	0.92	9.30	2.85	4.13	0.77	0.30	0.17	0.09	0.09	0.12	19.40
1969	0.19	0.42	1.99	4.35	3.74	3.30	2.71	1.45	0.31	0.09	0.01	0.00	18.57
1970	0.13	0.31	2.58	3.01	6.53	6.30	2.01	0.81	0.34	0.07	0.01	0.00	22.15
1971	0.23	0.45	0.55	1.21	2.16	5.22	2.33	0.77	0.27	0.07	0.04	0.03	13.33
1972	0.05	0.31	0.70	0.41	0.94	0.97	0.48	0.28	0.08	0.01	0.02	0.02	4.28
1973	0.12	0.20	0.20	0.25	1.12	1.75	1.00	0.37	0.05	0.02	0.01	0.01	5.13
1974	0.02	0.13	0.53	0.31	2.61	4.00	1.34	0.61	0.17	0.03	0.02	0.02	9.79
1975	0.14	0.30	1.00	1.65	2.24	1.84	1.25	1.22	0.57	0.05	0.02	0.02	10.30
1976	0.04	0.23	0.71	0.86	1.40	0.87	1.47	0.83	0.25	0.03	0.16	0.01	6.85
1977	0.26	0.23	1.16	1.48	2.29	1.64	0.89	0.37	0.05	0.01	0.01	0.00	8.40
1978	0.07	0.26	0.57	2.36	6.11	3.11	2.73	0.93	0.18	0.04	0.01	0.03	16.39
1979	0.29	0.33	0.61	4.61	3.12	1.60	0.92	0.53	0.24	0.04	0.04	0.03	12.37
1980	0.11	0.55	1.09	3.55	1.86	2.33	1.52	0.86	0.32	0.05	0.01	0.03	12.30
1981	0.04	0.25	2.10	6.43	3.39	3.07	1.53	0.67	0.17	0.04	0.02	0.02	17.74
1982	0.02	0.57	5.98	3.13	1.82	3.46	1.98	1.16	0.62	0.09	0.04	0.03	18.89
1983	0.29	0.31	0.71	1.32	3.49	2.76	1.61	0.61	0.11	0.03	0.02	0.01	11.27
1984	0.02	0.96	2.41	4.48	5.79	4.70	2.51	1.18	0.22	0.04	0.03	0.01	22.35
1985	0.07	0.39	0.56	3.65	1.24	0.91	0.92	0.31	0.13	0.03	0.01	0.00	8.21
1986	0.29	0.75	0.82	1.61	1.52	0.69	0.49	0.39	0.29	0.19	0.16	0.20	7.40
1987	0.01	0.16	0.64	2.73	1.27	1.63	1.41	0.74	0.19	0.02	0.01	0.01	8.81
1988	0.01	0.07	0.21	0.24	0.51	2.67	0.90	0.35	0.02	0.01	0.01	0.01	4.99
1989	0.01	1.19	1.05	0.46	0.35	0.31	0.44	0.40	0.02	0.01	0.01	0.01	4.25
1990	0.01	0.25	0.52	0.39	0.44	0.55	0.87	0.47	0.09	0.01	0.01	0.01	3.60
1991	0.00	0.00	0.82	0.55	0.51	0.59	0.44	0.34	0.26	0.01	0.01	0.01	3.54
1992	0.01	0.04	0.08	0.19	0.18	0.27	0.71	0.32	0.04	0.01	0.04	0.01	1.90
1993	0.29	0.42	0.70	0.39	1.20	1.78	0.60	0.37	0.51	0.28	0.29	0.28	7.11
Average	0.13	0.37	1.30	2.57	2.30	2.34	1.36	0.68	0.23	0.07	0.06	0.06	11.45

Table-A.55 Monthly Natural Flows for Yenışehir Damsite

YEAR	(Unit : 10 ⁶ /m ³)												TOTAL
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1965	0.11	0.23	0.98	0.89	2.30	1.00	1.37	0.85	0.24	0.21	0.20	0.19	8.58
1966	0.21	0.28	0.71	4.61	0.91	2.09	0.85	0.35	0.13	0.05	0.04	0.05	10.26
1967	0.05	0.08	2.46	2.08	0.74	0.49	0.43	0.28	0.09	0.04	0.04	0.11	6.89
1968	0.15	0.17	0.45	4.53	1.39	2.01	0.38	0.15	0.08	0.04	0.04	0.06	9.46
1969	0.09	0.21	0.97	2.12	1.83	1.61	1.32	0.71	0.15	0.05	0.00	0.00	9.05
1970	0.06	0.15	1.26	1.48	3.18	3.07	1.00	0.39	0.16	0.03	0.00	0.00	10.80
1971	0.11	0.22	0.27	0.59	1.05	2.54	1.14	0.37	0.13	0.04	0.02	0.02	6.50
1972	0.02	0.15	0.34	0.20	0.46	0.47	0.23	0.13	0.04	0.02	0.01	0.01	2.09
1973	0.06	0.10	0.10	0.12	0.55	0.85	0.49	0.18	0.03	0.01	0.01	0.01	2.50
1974	0.01	0.06	0.26	0.15	1.27	1.95	0.66	0.30	0.08	0.01	0.01	0.01	4.77
1975	0.07	0.15	0.49	0.81	1.09	0.90	0.61	0.60	0.28	0.03	0.01	0.01	5.02
1976	0.02	0.11	0.35	0.42	0.68	0.43	0.72	0.40	0.12	0.01	0.08	0.00	3.34
1977	0.13	0.11	0.57	0.72	1.12	0.80	0.43	0.18	0.02	0.01	0.00	0.00	4.09
1978	0.03	0.13	0.28	1.15	2.98	1.52	1.33	0.45	0.09	0.02	0.00	0.01	7.99
1979	0.14	0.16	0.30	2.25	1.52	0.78	0.45	0.26	0.12	0.02	0.02	0.01	6.03
1980	0.05	0.27	0.53	1.73	0.90	1.14	0.74	0.42	0.16	0.02	0.02	0.01	6.00
1981	0.02	0.12	1.02	3.14	1.65	1.50	0.75	0.33	0.08	0.02	0.01	0.01	8.65
1982	0.01	0.28	2.92	1.53	0.89	1.68	0.97	0.57	0.30	0.04	0.02	0.01	9.21
1983	0.14	0.15	0.34	0.64	1.70	1.35	0.78	0.30	0.05	0.01	0.01	0.01	5.49
1984	0.01	0.47	1.17	2.18	2.82	2.29	1.22	0.57	0.11	0.02	0.01	0.00	10.90
1985	0.03	0.19	0.27	1.78	0.60	0.44	0.45	0.15	0.06	0.01	0.01	0.00	4.00
1986	0.14	0.37	0.40	0.78	0.74	0.34	0.24	0.19	0.14	0.09	0.08	0.10	3.61
1987	0.00	0.08	0.31	1.33	0.62	0.79	0.69	0.36	0.09	0.01	0.01	0.00	4.29
1988	0.01	0.03	0.10	0.12	0.25	1.30	0.44	0.17	0.01	0.00	0.00	0.00	2.43
1989	0.00	0.58	0.51	0.22	0.17	0.15	0.21	0.20	0.01	0.00	0.00	0.00	2.07
1990	0.00	0.12	0.25	0.19	0.21	0.27	0.43	0.23	0.04	0.00	0.00	0.00	1.76
1991	0.00	0.00	0.40	0.27	0.25	0.29	0.21	0.17	0.13	0.00	0.00	0.00	1.72
1992	0.00	0.02	0.04	0.09	0.09	0.13	0.35	0.16	0.02	0.00	0.02	0.00	0.93
1993	0.14	0.21	0.34	0.19	0.58	0.87	0.29	0.18	0.25	0.14	0.14	0.14	3.47

Average	0.06	0.18	0.63	1.25	1.12	1.14	0.66	0.33	0.11	0.03	0.03	0.03	5.58
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Table-A.56 Monthly Natural Flows for Eğridere Damsite

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.16	0.34	1.43	1.30	3.35	1.45	2.00	1.24	0.35	0.31	0.29	0.27	12.48
1966	0.31	0.41	1.03	6.70	1.32	3.04	1.23	0.51	0.19	0.08	0.06	0.07	14.94
1967	0.07	0.11	3.59	3.03	1.07	0.71	0.62	0.41	0.13	0.06	0.06	0.16	10.03
1968	0.21	0.25	0.66	6.60	2.02	2.93	0.55	0.21	0.12	0.06	0.06	0.09	13.76
1969	0.14	0.30	1.41	3.09	2.66	2.34	1.92	1.03	0.22	0.07	0.00	0.00	13.17
1970	0.09	0.22	1.83	2.16	4.63	4.47	1.45	0.57	0.24	0.05	0.00	0.00	15.71
1971	0.16	0.32	0.39	0.86	1.53	3.70	1.65	0.54	0.19	0.05	0.03	0.02	9.46
1972	0.04	0.22	0.49	0.29	0.67	0.69	0.34	0.20	0.06	0.02	0.01	0.01	3.04
1973	0.09	0.14	0.15	0.17	0.80	1.24	0.71	0.27	0.04	0.02	0.01	0.01	3.64
1974	0.01	0.09	0.37	0.22	1.85	2.84	0.95	0.44	0.12	0.02	0.02	0.01	6.95
1975	0.10	0.21	0.71	1.17	1.59	1.31	0.89	0.87	0.40	0.04	0.02	0.01	7.31
1976	0.03	0.16	0.50	0.61	0.99	0.62	1.04	0.59	0.17	0.02	0.11	0.01	4.86
1977	0.19	0.16	0.82	1.05	1.62	1.16	0.63	0.27	0.04	0.01	0.00	0.00	5.96
1978	0.05	0.19	0.40	1.67	4.34	2.21	1.94	0.66	0.12	0.02	0.01	0.02	11.62
1979	0.21	0.24	0.43	3.27	2.21	1.14	0.66	0.38	0.17	0.03	0.02	0.02	8.78
1980	0.08	0.39	0.77	2.52	1.32	1.65	1.08	0.61	0.23	0.03	0.02	0.02	8.73
1981	0.02	0.18	1.49	4.56	2.41	2.18	1.09	0.47	0.12	0.03	0.01	0.01	12.58
1982	0.01	0.40	4.24	2.22	1.29	2.45	1.41	0.82	0.44	0.06	0.02	0.02	13.40
1983	0.20	0.22	0.50	0.94	2.47	1.96	1.14	0.44	0.08	0.02	0.01	0.01	7.99
1984	0.01	0.68	1.71	3.18	4.11	3.34	1.78	0.84	0.16	0.03	0.02	0.01	15.86
1985	0.05	0.27	0.40	2.59	0.88	0.65	0.65	0.22	0.09	0.02	0.01	0.00	5.83
1986	0.21	0.53	0.58	1.14	1.08	0.49	0.35	0.27	0.21	0.13	0.12	0.14	5.25
1987	0.01	0.11	0.45	1.94	0.90	1.15	1.00	0.52	0.13	0.01	0.01	0.00	6.25
1988	0.01	0.05	0.15	0.17	0.36	1.89	0.64	0.25	0.01	0.01	0.00	0.00	3.54
1989	0.00	0.84	0.74	0.33	0.25	0.22	0.31	0.28	0.01	0.00	0.00	0.00	3.01
1990	0.01	0.18	0.37	0.27	0.31	0.39	0.62	0.34	0.06	0.00	0.00	0.00	2.56
1991	0.00	0.00	0.58	0.39	0.36	0.42	0.31	0.24	0.18	0.01	0.00	0.00	2.51
1992	0.00	0.03	0.06	0.13	0.13	0.19	0.51	0.23	0.03	0.00	0.03	0.00	1.35
1993	0.21	0.30	0.49	0.28	0.85	1.26	0.43	0.26	0.36	0.20	0.20	0.20	5.01

Average	0.09	0.26	0.92	1.82	1.63	1.66	0.96	0.48	0.16	0.05	0.04	0.04	8.12
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Table-A.57 Monthly Natural Flows for Akyurt Damsite

													(Unit: 10 ⁶ m ³)
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1965	0.08	0.22	1.06	0.96	2.57	1.08	1.51	0.92	0.22	0.19	0.18	0.17	9.15
1966	0.19	0.27	0.75	5.18	0.98	2.32	0.91	0.35	0.10	0.01	0.00	0.00	11.06
1967	0.01	0.04	2.75	2.31	0.79	0.51	0.44	0.27	0.05	0.00	0.00	0.08	7.24
1968	0.11	0.14	0.46	5.10	1.53	2.24	0.38	0.12	0.04	0.00	0.00	0.02	10.14
1969	0.03	0.08	0.62	1.98	1.22	0.74	0.80	0.34	0.07	0.00	0.00	0.00	5.87
1970	0.05	0.05	2.06	1.76	2.83	2.49	0.72	0.29	0.09	0.02	0.01	0.02	10.37
1971	0.10	0.14	0.38	0.37	1.97	2.52	0.66	0.22	0.09	0.02	0.01	0.01	6.48
1972	0.04	0.09	0.72	0.14	0.70	0.34	0.42	0.15	0.03	0.01	0.00	0.00	2.66
1973	0.03	0.09	0.58	0.13	0.89	0.92	0.34	0.13	0.02	0.01	0.00	0.01	3.15
1974	0.01	0.08	0.44	0.11	1.08	1.50	0.26	0.12	0.01	0.00	0.00	0.01	3.62
1975	0.03	0.31	0.99	1.43	0.81	0.58	0.37	0.31	0.13	0.00	0.00	0.00	4.97
1976	0.04	0.85	0.82	1.12	1.51	1.25	1.32	0.25	0.06	0.00	0.00	0.00	7.23
1977	0.24	0.09	0.54	0.70	0.86	0.52	0.24	0.09	0.00	0.00	0.00	0.01	3.29
1978	0.11	0.18	0.16	1.06	3.52	1.35	0.96	0.26	0.05	0.01	0.00	0.03	7.69
1979	0.14	0.14	0.24	1.77	1.57	0.50	0.27	0.14	0.06	0.00	0.00	0.00	4.83
1980	0.06	0.17	1.11	2.08	0.40	1.31	0.62	0.25	0.08	0.01	0.00	0.00	6.07
1981	0.04	0.30	2.58	6.59	1.59	1.54	0.52	0.22	0.03	0.00	0.00	0.00	13.43
1982	0.06	0.40	9.85	1.40	0.48	2.49	0.91	0.27	0.54	0.09	0.05	0.02	16.57
1983	0.30	0.10	0.17	0.39	1.31	1.05	0.51	0.21	0.10	0.02	0.00	0.00	4.15
1984	0.09	0.22	1.16	2.99	3.18	2.02	0.94	0.38	0.10	0.01	0.00	0.00	11.09
1985	0.00	0.19	0.25	0.96	0.60	0.61	0.40	0.13	0.00	0.00	0.00	0.00	3.14
1986	0.03	1.16	0.09	1.15	1.92	0.60	0.12	0.05	0.01	0.00	0.00	0.00	5.12
1987	0.02	0.06	0.68	1.60	0.56	1.19	1.04	0.26	0.02	0.00	0.00	0.00	5.43
1988	0.00	0.05	0.28	0.16	0.30	1.75	0.40	0.09	0.00	0.00	0.00	0.00	3.03
1989	0.00	0.45	0.71	0.12	0.23	0.45	0.15	0.18	0.05	0.05	0.05	0.05	2.50
1990	0.14	0.13	0.27	0.08	0.14	0.50	0.39	0.18	0.05	0.05	0.05	0.05	2.02
1991	0.05	0.05	0.64	0.22	0.18	0.17	0.24	0.12	0.06	0.05	0.05	0.05	1.87
1992	0.11	0.05	0.13	0.11	0.10	0.11	0.25	0.11	0.11	0.11	0.11	0.10	1.39
1993	0.11	0.18	0.34	0.17	0.61	0.93	0.29	0.15	0.23	0.11	0.11	0.11	3.35

Average	0.08	0.22	1.06	1.45	1.19	1.16	0.55	0.23	0.08	0.03	0.02	0.03	6.10
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Table-A.58 Sediment Data Recorded at 6-01 Beydağ Köprüsü Runoff Station

Date	Flow (m ³ /s)	Average Concentration (ppm)	Sedimentation (t/day)
18.02.1981	11.000	1,317.00	1,251.7
16.03.1981	6.200	723.40	387.5
16.04.1981	4.200	51.29	18.6
14.05.1981	4.200	134.47	48.8
23.06.1981	0.215	48.27	0.9
24.11.1981	6.600	4.37	2.5
23.12.1981	53.900	13,046.05	60,754.9
21.01.1982	7.200	941.17	585.5
05.03.1982	3.400	656.90	193.0
30.04.1982	8.600	521.49	387.5
27.01.1983	1.900	475.20	78.0
17.02.1983	2.400	532.78	110.5
17.03.1983	2.400	178.51	37.0
07.02.1984	5.150	540.64	240.6
13.04.1984	4.280	132.35	48.9
14.02.1985	9.700	3,440.94	2,883.8
24.02.1986	13.000	447.89	503.1
09.01.1986	4.000	3,887.94	1,343.7
16.02.1987	3.200	559.94	154.8
04.03.1987	4.000	1,285.19	444.2
23.01.1987	2.200	250.25	47.6
22.01.1988	0.530	65.06	3.0
04.04.1988	3.000	78.52	20.4
27.01.1989	0.870	35.26	2.7
06.12.1989	1.350	435.11	50.8
18.04.1989	0.290	1,144.15	28.7
26.01.1991	0.620	76.19	4.1
09.04.1992	2.500	861.70	186.1
11.12.1992	0.230	367.44	7.3
29.01.1993	1.000	202.33	17.5
23.02.1993	8.800	10,494.12	7,979.0
29.03.1994	5.300	630.17	288.6
25.05.1994	2.400	33.85	7.0

Table-A.59 Sediment Values Estimated for the Dam Site

Dam Site	Catchment Area (km ²)	Annual Mean Total Sediment Yield (m ³ /year/km ²)	Annual Total Sediment (m ³ /year)	Sediment Volume (10 ⁶ m ³)
ULADI	66.0	150	9,900	0.50
ERGENLİ	98.0	200	19,600	0.98
BURGAZ	91.2	200	18,240	0.91
AKTAŞ	58.7	200	11,740	0.59
ÖDEMiŞ	64.6	200	12,920	0.65
BİRGİ	12.6	100	1,260	0.06
BUCAK	18.0	150	2,700	0.14
BEYDAĞ	444.0	300	133,095	6.65
PİRİNÇCİ	51.3	150	7,695	0.38
SARILAR	30.9	100	3,090	0.15
YENİŞEHİR	15.0	150	2,250	0.11
EĞRİDERE	21.8	200	4,360	0.22
AKYURT	24.2	100	2,420	0.12

Table-A.60 Results of Water Quality Analysis

No.	Sample Obtained	pH	Electrical Conductivity			Cations (me/l)					Anions (me/l)			TDS	SO ₄	Ca	Mg	CO ₃	HCO ₃	Cl	SO ₄	Salinity	Hardness	Nitrite	Ammonium	Organic Matter	
			µm	N _a	K	Ca ²⁺	Mg ²⁺	CO ₃	HCO ₃	Cl	SO ₄	Ca	Mg														CO ₃
1	15-1 K.MENDERES BEYDAG 1988	1.39	575	1.10	0.05	2.22	2.49	0.00	4.63	0.75	0.48	5.84	18.80	0.70	Cl S1	23.60	-	-	-	-	-	-	-	-	-	-	-
2	6-12 K.MENDERES BEYDAG 1988	7.40	222	0.45	0.01	1.02	0.76	0.00	1.58	0.44	0.52	2.54	19.20	0.40	Cl S1	89.00	-	-	-	-	-	-	-	-	-	-	0.52
3	28-1 K.MENDERES BEYDAG 1992	7.30	495	1.26	0.02	1.95	1.20	0.00	3.15	1.04	0.24	4.45	28.40	1.00	C2 S1	15.75	0.001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66
4	11-12 K.MENDERES BEYDAG 1992	7.80	216	0.25	0.01	1.19	0.87	0.00	1.50	0.54	0.46	2.30	9.90	0.20	Cl S1	10.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06
5	22-1 K.MENDERES BEYDAG 1988	1.40	571	1.06	0.03	2.20	2.51	0.00	4.67	0.71	0.41	5.80	18.50	0.70	Cl S1	23.60	-	-	-	-	-	-	-	-	-	-	-
6	4-4 K.MENDERES BEYDAG 1988	7.47	271	0.66	0.01	1.17	1.00	0.00	1.78	0.61	0.45	2.84	23.20	0.60	C2 S1	10.90	-	-	-	-	-	-	-	-	-	-	0.72
7	27-1 K.MENDERES BEYDAG 1989	8.17	354	1.01	0.03	1.62	0.78	0.00	2.24	0.74	0.46	3.44	41.00	0.90	C2 S1	12.00	-	-	-	-	-	-	-	-	-	-	0.96
8	12-2 K.MENDERES BEYDAG 1993	7.80	258	0.22	0.01	1.00	1.40	0.00	1.58	0.42	0.63	2.63	8.50	0.20	Cl S1	12.00	0.001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
9	23-2 K.MENDERES BEYDAG 1993	7.90	179	0.86	0.01	1.00	1.03	0.00	0.62	0.54	1.94	2.90	29.60	0.80	Cl S1	10.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96
10	24-3 K.MENDERES BEYDAG 1993	7.70	177	0.24	0.01	1.07	0.53	0.00	1.09	0.30	0.46	1.85	12.90	0.20	Cl S1	8.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47
11	23-12 K.MENDERES BEYDAG 1994	7.50	230	0.71	0.01	0.89	0.64	0.00	1.27	0.10	0.88	2.25	31.56	0.81	Cl S1	7.65	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57
12	16-11 K.MENDERES BEYDAG 1994	7.50	192	0.22	0.01	0.85	0.90	0.00	1.40	0.20	0.38	1.98	11.10	0.20	Cl S1	8.80	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80
13	16-2 K.MENDERES BEYDAG 1995	7.10	180	0.61	0.01	1.14	0.09	0.00	1.23	0.40	0.22	1.85	32.97	0.78	Cl S1	0.15	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	13-3 K.MENDERES BEYDAG 1995	7.40	204	0.00	0.01	0.75	1.41	0.00	1.53	0.65	0.12	2.10	0.00	0.00	Cl S1	10.80	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61

Table-A.61 Results of Chemical Analysis

PARAMETRELER	BIRIM	GELINBOZU D	AKTAŞ Ç.	ILICA D.	FALAKA Ç.	RAHMANLARÇ.	AKYURT D.	EGRIDERE	PIRINÇI Ç.
PARAMETERS	UNIT	GERELI	BÜBÜLLER	ERGENLI	FALAKA	BEBEKLER	BELEVI	TIRE	TIRE
		8.100	7.950	7.930	7.980	7.930	7.770	8.000	8.000
pH	-								
Elec. Conductivity	mhos/cm	348.000	394.900	431.000	381.800	438.800	683.300	396.000	239.000
Bi-Carbonate	mg/l CaCO ₃	102.500	138.000	166.600	146.800	174.600	269.800	148.100	81.300
Carbonate	mg/l CaCO ₃	22.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Chlorine	mg/l	45.100	28.100	53.400	27.700	23.100	32.700	23.800	22.100
Nitro. as Ammonia	mg/l	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nitrogen as Nitrite	mg/l	0.139	0.288	0.050	0.174	0.072	0.038	0.023	0.044
Nitrogen as Nitrate	mg/l	2.510	0.590	0.200	0.190	252.000	1.440	1.460	0.450
Organic Matter	mg/l O ₂	2.290	1.150	76.500	0.320	0.180	0.290	0.250	0.190
Total Hardness	-	136.000	167.500	166.800	161.900	174.300	298.200	118.850	94.750
Phosphorus	mg/l	0.020	0.003	0.010	0.020	0.060	0.007	0.010	0.050
Sulphur	mg/l	33.300	19.100	24.000	14.600	28.700	50.300	37.200	17.800
Iron	mg/l	2.480	0.260	0.150	0.350	0.650	0.200	0.050	0.130
Sodium	mg/l	25.410	14.760	27.830	15.760	26.620	30.740	17.710	14.780
Potassium	mg/l	0.580	0.490	0.680	0.490	0.590	1.040	0.490	0.490
Calcium	mg/l	36.200	46.000	48.600	42.500	47.800	53.900	41.070	27.500
Magnesium	mg/l	17.200	14.400	21.700	13.100	12.300	36.400	21.030	17.700
COD	mg/l	32.000	0.000	8.000	0.000	2.000	0.000	0.000	0.000
Boron	mg/l	0.500	0.150	0.380	0.150	0.110	0.430	0.160	0.170
Class	-	C2S1	C2S1	C2S1	C2S1	C2S1	C2S1	C2S1	C1S1

Table-A.62 Areal Average rainfall with Various Return Periods, and Probable Maximum Rainfall Over the Catchment Areas of the Dams

Name of Dam	Return Period (Years)						Probable Max. Rainfall	
	2	5	10	25	50	100	Hershifield Method, Pmax. 6	Fiziksel Method, Pmax. 6
	ULADI	42.10	54.50	62.70	73.10	80.90	88.60	143.70
ERGENLI	36.20	46.80	53.80	62.60	69.20	75.80	126.00	63.60
BURGAZ	32.50	41.90	48.10	55.90	61.70	67.50	116.30	63.60
AKTAŞ	51.40	68.20	79.20	93.00	103.30	113.50	168.30	76.10
ÖDEMiŞ	40.30	53.40	62.10	73.10	81.40	89.80	151.90	81.10
BIRGI	50.20	66.50	77.20	90.90	101.10	111.30	179.50	72.90
BUCAX	44.40	58.80	68.40	80.70	89.90	99.20	172.20	47.90
BEYDAĞ	31.00	39.40	44.40	50.20	54.30	58.10	118.7 (12 saat/hours)	66.8 (12 saat/hours)
PIRİNÇCI	45.80	57.30	64.70	73.90	80.80	87.60	147.40	47.60
SARILAR	42.80	54.80	62.40	71.70	78.40	85.00	151.90	60.10
YENİŞEHİR	43.70	55.90	63.70	73.20	80.00	86.80	155.00	76.40
EĞRİDERE	43.70	55.90	63.70	73.20	80.00	86.80	155.00	76.40
AKYURI	51.40	61.80	68.50	77.40	83.50	89.80	124.80	68.70

Table-A.63 Some Basin Parameters of the Dams Proposed to be Located at Küçük Menderes Basin

Name of Dam	Catchment Area (km ²)	th of Main River Ch (km)	Harmonic Slope, S	Coefficient of "K"	Peak of Unit HYD. (UH) (m ³ /s/mm)
ULADI	66.0	14.0	0.033	0.170	5.0
ERGENLİ	98.0	14.1	0.041	0.208	9.2
BURGAZ	91.2	22.6	0.022	0.208	7.9
AKTAŞ	58.7	14.3	0.033	0.170	4.4
ÖDEMİŞ	64.6	12.5	0.056	0.170	6.1
BIRGI	12.6	5.5	0.169	0.170	1.4
BUCAK	18.0	5.3	0.062	0.170	1.6
BEYDAĞ	444.0	28.6	0.014	0.208	26.0
PIRİNÇCI	51.3	13.4	0.078	0.170	5.2
SARILAR	30.9	9.3	0.049	0.170	3.3
YENİŞEHİR	15.0	8.1	0.081	0.170	2.0
EĞRİDERE	21.8	4.6	0.144	0.170	2.5
AKYURT	24.2	7.0	0.042	0.170	2.4

Table-A.64 Historical Storms Observed Over the Catchment Area of Küçük Menderes River

Storm Date	Average Precipitation (mm)	Storm Actual duration (Hour)
09-10/12/1971	96.5	24
13-16/02/1972	88.5	24
14-16/10/1977	81.0	24
08-10/01/1981	107.0	36
14-17/12/1981	96.0	30

Table-A.65 Historical Storms Observed at the Catchment Area of Uladi Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	32.45	6	25.8/14.0=1.84	59.7
13-16/02/1972	28.64	6	26.8/12.9=2.08	59.6
14-16/10/1977	33.12	6	35.7/28.0=1.28	42.4
08-10/01/1981	26.11	6	23.7/8.0=2.96	77.3
14-17/12/1981	46.50	6	24.4/19.1=1.28	59.5

Table-A.66 Historical Storms Observed at the Catchment Area of Ergenli Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	33.10	6	25.8/14.0=1.84	59.7
13-16/02/1972	20.00	6	26.8/12.9=2.08	41.6
14-16/10/1977	31.90	6	35.7/28.0=1.28	40.8
08-10/01/1981	21.50	6	23.7/8.0=2.96	63.6
14-17/12/1981	17.90	6	24.4/19.1=1.28	22.9

Table-A.67 Historical Storms Observed at the Catchment Area of Burgaz Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	33.10	6	25.8/14.0=1.84	59.7
13-16/02/1972	20.00	6	26.8/12.9=2.08	41.6
14-16/10/1977	31.90	6	35.7/28.0=1.28	40.8
08-10/01/1981	21.50	6	23.7/8.0=2.96	63.6
14-17/12/1981	17.90	6	24.4/19.1=1.28	22.9

Table-A.68 Historical Storms observed at the Catchment Area of Aktaş Dam and their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	33.67	6	23.4/16.2=1.44	48.5
13-16/02/1972	42.33	6	20.3/12.1=1.68	71.1
14-16/10/1977	-	-	-	-
08-10/01/1981	24.98	6	16.6/9.0=1.84	46.0
14-17/12/1981	64.47	6	22.2/18.8=1.18	76.1

Table-A.69 Historical Storms Observed at the Catchment Area of Ödemiş Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	35.28	6	23.4/16.2=1.44	50.8
13-16/02/1972	45.40	6	20.3/12.1=1.68	75.7
14-16/10/1977	-	-	-	-
08-10/01/1981	24.93	6	16.6/9.0=1.84	45.9
14-17/12/1981	68.77	6	22.2/18.8=1.18	81.1

Table-A.70 Historical Storms Observed at the Catchment Area of Birgi Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	32.66	6	23.4/16.2=1.44	47.0
13-16/02/1972	40.64	6	20.3/12.1=1.68	68.3
14-16/10/1977	-	-	-	-
08-10/01/1981	25.01	6	16.6/9.0=1.84	46.2
14-17/12/1981	61.82	6	22.2/18.8=1.18	72.9

Table-A.71 Historical Storms Observed at the Catchment Area of Bucak Dam and their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	24.62	6	23.4/16.2=1.44	35.4
13-16/02/1972	27.08	6	20.3/12.1=1.68	45.5
14-16/10/1977	-	-	-	-
08-10/01/1981	25.25	6	16.6/9.0=1.84	46.5
14-17/12/1981	40.58	6	22.2/18.8=1.18	47.9

Table-A.72 Historical Storms Observed at the Catchment Area of Beydağ Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	41.06	12	23.4/16.2=1.44	59.9
13-16/02/1972	39.74	12	20.3/12.1=1.68	66.8
14-16/10/1977	-	-	-	-
08-10/01/1981	31.93	12	16.6/9.0=1.84	58.8
14-17/12/1981	44.29	12	22.2/18.8=1.18	52.3

Table-A.73 Historical Storms Observed at the Catchment Area of Pirinççi Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	-	-	-	-
13-16/02/1972	22.55	6	20.3/12.1=1.68	39.9
14-16/10/1977	-	-	-	-
08-10/01/1981	25.85	6	16.6/9.0=1.84	47.6
14-17/12/1981	37.75	6	22.2/18.8=1.18	44.5

Table-A.74 Historical Storms Observed at the Catchment Area of Sarılar Dam and their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	35.14	6	25.0/14.6= 1.71	60.1
13-16/02/1972	25.38	6	22.5/12.0= 1.88	47.7
14-16/10/1977	-	-	-	-
08-10/01/1981	29.24	6	17.0/10.5= 1.62	47.4
14-17/12/1981	18.72	6	24.2/18.2= 1.33	24.9

Table-A.75 Historical Storms Observed at the Catchment Area of Yenışehir Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	44.70	6	25.0/14.6= 1.71	76.4
13-16/02/1972	30.10	6	22.5/12.0= 1.88	56.6
14-16/10/1977	-	-	-	-
08-10/01/1981	34.00	6	17.0/10.5= 1.62	55.1
14-17/12/1981	24.20	6	24.2/18.2= 1.33	32.2

Table-A.76 Historical Storms Observed at the Catchment Area of Eğirdere Dam and Their Maximization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	44.70	6	25.0/14.6= 1.71	76.4
13-16/02/1972	30.10	6	22.5/12.0= 1.88	56.6
14-16/10/1977	-	-	-	-
08-10/01/1981	34.00	6	17.0/10.5= 1.62	55.1
14-17/12/1981	24.20	6	24.2/18.2= 1.33	32.2

Table-A.77 Historical Storms Observed at the Catchment Area of Akyurt Dam and their Maximlization Results

Storm Date	Average Precipitation (mm)	Storm Actual Duration (hour)	Wmax/Wac	Probable Max. Precipit. (mm)
09-10/12/1971	40.20	6	25.0/14.6= 1.71	68.7
13-16/02/1972	28.70	6	22.5/12.0= 1.88	54.0
14-16/10/1977	21.90	6	40.5/24.8= 1.63	35.7
08-10/01/1981	33.20	6	17.0/10.5= 1.62	53.8
14-17/12/1981	19.90	6	24.2/18.2= 1.33	26.5

**Table-A.78 Calculations for the Maximization of the Historical Storm
Dated December 14-17, 1981**

Station	Elevation (m)	Average Precipitation (mm)		Vapour Pressure (mb)	Dew Point Temperature (°C)	Dew Point Temperature at Sea-Level	Precipitable Water (mm)	Correction for 800 m Topographic Barrier (mm)	Actual Precipitable Water (mm)	W_{max} W_{ac}
			W_{max}	16.4	14.4	14.4	31.2	9.0	22.2	
ÖDEMiŞ	118	64.47	W_{ac}	14.6	12.6	12.6	26.8	8.0	18.8	1.2

Table-A.79 Probable Maximum Rainfall Values for the Catchment Areas of the Dams

Name of Dam	Probable Max. Rainfall	
	Hershifield Method, P _{max. 6}	Fiziksel Method, P _{max. 6}
ULADI	77.30	143.70
ERGENLİ	63.60	126.00
BURGAZ	63.60	116.30
AKTAŞ	76.10	168.30
ÖDEMİŞ	81.10	151.90
BİRGİ	72.90	179.50
BUCAK	47.90	172.20
BEYDAĞ	66.80 (12 Saat/Hours)	118.70 (12 Saat/Hours)
PİRİNÇCİ	47.60	147.40
SARILAR	60.10	151.90
YENİŞEHİR	76.40	155.00
EĞRİDERE	76.40	155.00
AKYURT	68.70	124.80

Table-A.80 Base Flow Discharges for the Damsites Proposed on Küçük Menderes River and its Tributaries

Name of Dam	Base Flow Discharge (m ³ /s)
ULADI	4.0
ERGENLİ	5.0
BURGAZ	5.0
AKTAŞ	3.0
ÖDEMİŞ	3.0
BİRGİ	1.0
BUCAK	1.0
BEYDAĞ	10.0
PİRİNÇCİ	2.5
SARILAR	2.0
YENİŞEHİR	1.0
EĞRİDERE	1.5
AKYURT	1.5

Table A-81 Peak Discharge Values of the Spillway Inflows for the Dam Site Proposed on Küçük Menderes River and Its Tributaries

Name of Dam	Catchment Area	Peak Discharges with Various Recurrence intervals (m ³ /s)							Spillway Inflow Design Peak Discharges (m ³ /s)
		2	5	10	25	50	100		
ULADI	66.0	17.5	28.9	39.8	57.0	71.1	86.3	392.0	
ERGENLI	98.0	23.0	40.0	52.8	77.1	97.7	119.7	633.0	
BURGAZ	91.2	22.4	39.2	53.3	73.4	90.0	107.5	552.0	
AKTAŞ	58.7	19.6	35.9	51.4	73.4	91.5	111.3	370.0	
ÖDEMiŞ	64.6	15.0	28.6	38.8	58.5	75.6	94.0	452.0	
BIRGI	12.6	5.6	10.4	15.3	22.4	28.2	34.4	130.0	
BUCAK	18.0	5.0	8.7	13.0	19.7	25.3	31.5	143.5	
BEYDAĞ	444.0	80.0	181.0	248.0	333.0	396.0	458.0	1,543.0	
PIRINÇCI	51.3	17.1	27.9	36.0	50.7	62.6	75.0	366.0	
SARILAR	30.9	9.9	16.8	21.8	30.8	38.2	45.9	247.0	
YENİŞEHİR	15.0	6.0	10.4	13.5	19.0	23.9	29.0	152.0	
EĞRİDERE	21.8	7.4	12.2	16.5	24.0	30.0	36.0	193.0	
AKYURT	24.2	10.7	15.5	20.0	26.8	31.9	37.5	136.0	