THE REPUBLIC OF TURKEY

FEASIBILITY STUDY ON ZAMANTI GÖKTAS HYDROELECTRIC POWER DEVELOPMENT PROJECT

APPENDIX

OCTOBER 1989

JAPAN INTERNATIONAL COOPERATION AGENCY

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THE REPUBLIC OF TURKEY

FEASIBILITY STUDY ON ZAMANTI GÖKTAŞ HYDROELECTRIC POWER DEVELOPMENT PROJECT

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APPENDIX

LIBRARY

OCTOBER 1989

国際協力事業団 20407

APPENDIX

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		이 등 없었다면 등 모양을 통했다. 공학		
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	그의 그의 회사들은 시간이다.			
지수를 되어 된 바람이 있다.	항공하면 화기에 보고하는			
	원인 기계 시간 회사 기계	보이 연속 하셨다는 이렇게 되다.		eren er en er en er en er en er
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	사람이 하루하다 모임으로 뜻			
	옷이 되어 생각하는 것이다.			
		보는 생기에게 들어지다는 어머니는		
		이 생기들은 사람이 그 살을 가는		
그 이번 병생님들이 얼마나요?				
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	A-1 POWE	R DEMAND FORECA	ST AND CHOOLS	
		R DEMAND FORECA	AND SOLL	PHUGRAM
		크림 호텔 [발표 : 그 중 1] [1]	중요한테 경기되어 그만	
		[편민물] 이끌어 보다 및 그러 없으		
그렇게 되는 물로 가지 된다.				
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A-1 POWER DEMAND FORECAST AND SUPPLY PROGRAM

Table A-1-1 Construction Schedule of Power Plants in Turkey (1/5 - 5/5)

TABLE A-1-1 CONSTRUCTION SCHEDULE OF POWER PLANTS IN TURKEY (1/5) updated 89-5-2

		<u></u>						·	<u> </u>		upuated oa o			
\setminus	·	Ther	mal Power P	lant				Hydraulic Plant				Total		
Year	Name of Station	Ugit	Fuel Type	Capacity (MW)	Annual Eng. (GWH) *	Retire (MW)	Name of Station	Upit	Capacity (MW)	Annual Energy (GWH) Ave	Installed Capacity(MW)	Energy Ave.	(GW)	
1987	Existing			7,489	40, 370		Existing		5,003	17,558 14,046	12,492	57,928	54, 416	
1988	Kangal Catalagzi B Hamitbat Ambarli	1 1 3, 4 1, 2	oil Stone coal N. Gas N. Gas	150 150 2*100 2*138.8	(900) * (900)	-437	Altinkaya Karakaya Kokluce Kaplukaya Others	2, 3, 4 4, 5, 6 1, 2 1, 2, 3	3*175 3*300 2*45 3*18 14					
Sub-total Total				341 7, 830	42, 205				1,583 6,586	23, 113 18, 490	14, 416	65, 318	60,695	
1989	Kangal Seyitomer Hamitbat Ambarli Others	2 4 1, 2 3, 4, 5, 6	lignite lignite N. Gas N. Gas	150 150 2*100 4*138.8	315 (900) 405 (900) 300 (1200) 1,624 (3331) 889	-163	Menzelet Kilickaya Adiguzel Derbent Yenice Others	1, 2, 3, 4 1, 2 1, 2 1, 2, 3	4*30 2*60 2*31 3*18.7 12. 54	155 (590) 122 (515) 209 (332) 174 (227) 81 (280) 5 (15) 119 (257) 94 (201) 2 (122) 2 (92) 1,343 692				
Sub-total Total	<u>:</u>			892 8, 722	3, 533 45, 738				424 7.010	1,909 1,089 25.022 19,579	15, 732	70, 760	65, 317	
1990	Kemerkoy Catalagzi B Soma B Ambarli Orhaneli Denizli Others	1, 2 2 5 1, 2, 3 1	Lignite Stone coal Lignite N. Gas Lignite Geothermal	2*210 150 165 3*172.7 210 20	504 (2520) 360 (900) 247 (990) 1.554 (3109) 441 (1260) 6 (120) 2,917		Ataturk Yenice Gezende Catalan Kralkizi Kuzgun Camligoze Others	1, 2 2, 3 1, 2, 3 1, 2, 3 1, 2 1, 2, 3, 4	2*300 2*12 3*50 3*51 2*45 4*5 16. 2 342. 8	1,680 (2200) 1,680 (1850) 54 (122) 35 (92) 210 (528) 51 (130) 305 (509) 163 (271) 33 (146) 25 (111) 13 (36) 0 (0) 5 (88) 5 (77) 1,194 718				
Sub-total Total			·	1, 483 10, 205	6,029 51,767	_			1, 396 8, 406	3, 494 2, 677 28, 516 22, 256	18, 611	80, 283	74, 032	
1 9 9 1	Soma B Kemerkoy Adiyaman Can-Lapseki Others	6 3 1 1	Lignite Lignite	165 210 210 150	544 (990) 441 (1260) 63 (1260) 46 (923) 5,073		Ataturk Dicle Ozluce-Peni Batman Kurtun Beykoy Others	3, 4, 5 1, 2 1, 2 1, 2, 3 1, 2 1, 2	3*300 2*55 2*85.5 3*62 2*40 2*5 183 1,640	2, 860 (3310) 2, 600 (2275) 208 (298) 159 (228) 166 (87) 207 (145) (182) (251) (34) (95) 3, 676 2, 400 6, 910 5, 366				
Total				10.940	57, 934			<u> </u>	10, 046	35, 426 27, 622	20, 986	93, 360	85, 556	
1992	Bingol-Karlio Iskenderun Others	1 1, 2, 3, 4	Import-coal	60 4*350 1,460 12,400	18 (360) 3,424 (7762) 3,780 7,222 65,156		Ataturk Urfa Others	6, 7, 8	3*300 3*16 5 953 10,999	2,060 (8850) 2,000 (7400) 74 1,286 143 3,420 2,143 38,846 29,765	23, 399	104, 002	94, 921	
1993	Tekirdag Aliaga Others	1, 2 I	mport-coal mport-coal	2*480 500	2,779 (5760) 811 (3000) 5,591		Ozkoy Kayraktepe Akkoy 1 Torul Others		150 420 60 100 90	146 132 (990) 85 (640) 87 (263) 57 (174) 86 (322) 35 (131) 839 297				
Sub-total Total				1,460 13,860	9, 181 74, 337	,			820 11, 819	1,290 40,136 541 30,338	25, 679	114, 473	104,675	

(NOTE) * Annual Energy GWH: Commissioning year (after next next year) ** Imported Coal fired power plants are included

TABLE A-1-1 CONSTRUCTION SCHEDULE OF POWER PLANTS IN TURKEY (2/5)

	Thermal Power Plant			Hydraulic Power Plant				TOTAL			
YEAR	Name of P. Station	Inst. capacity (MW)	Annual Energy (GWH)	Name of P. Statlon	Inst. Capacity (MW)	Annual Product Average	ion Energy(GWH) Firm	Installed Capacity(MW)	Annual Ene Agerage	rgy (GWH) Firm	
1994	Adiyaman-Golbasi Imported Coal P. Others	177 500	1,062 3,000 1,428	Karkamis Yedigoze Duzkesme Others	180 300 168	650 980 916 1,044	460 420 678		-		
Sub-total Total		677 14, 537	5, 490 79, 827		648 12, 262	3, 590 43, 726	1,558 31,896	26,799	123, 553	111,723	
1995	Cankiri-Orta Elbistan A 5,6 Import N Gas	150 2*340 1*600	900 2*1,950 3,600	Birecik	672	2, 520	1,800				
Sub-total Total	Others	1,430 15,967	9,000 88,827		672 12, 934	2, 520 46, 246	1,800 33,696	28, 901	135,073	122, 523	
1996	Amasra 1 Yatagan 4 Imported coal P. Importyed N. Gas (Retirment)	150 210 350 600 -173	900 1, 260 2, 530 3, 600 -920	Cizre Klavuzlu Aipaslan Boyapat-Kepez Ilisu-1	240 54 160 513 600	1, 205 100 485 1, 470 2, 030	947 7 416 925 1,360		70		
Sub-total Total		1, 137 17, 104	7, 370 96, 197		1,567 14,501	5, 290 51, 536	3, 655 37, 351	31,605	147,733	133, 548	
1997	Amasra 2 Saray 1,2 Seyitomer B 1 Orhaneli 2 Imported Coal P. Imported Coal P. (Retirment)	150 2*150 150 210 2*350 480 -350	900 2*900 900 1,260 2*2,530 3,470	Ilisu-2 (Retirment)	600 -250	1,800	1,090				
Sub-total Total		1,640 18,744	13, 390 109, 587		350 14,851	1,800 53,336	1,090 38,441	33, 595	162, 923	148, 028	
1998	Cayirhan B 1.2 Amasra 3,4 Elbistan B 1,2 Beysehir	2*150 2*150 2*340 340	2*900 2*900 2*1,950 1,950	Deriner-Artvin Demirkapi Borcka Mulatli Uzuncayir Lamas 3 Lamas 4 Tozkoy	670 105 300 115 72 16 22 120	2, 120 365 1, 039 445 309 84 109 347	1,340 130 600 255 171 40 48				
Sub-total Total		1,620 20,364	9, 450 119, 037	·	1, 420 16, 271	4, 818 58, 154	2,732 41,173	36, 635	177, 191	160, 210	
1999	Seyltomer B 2 Cayirhan B 3,4 Potansiyel 1 Soma C 1-3 Kemerkoy 4 Mugla Yoresi 1 Elbistan B 3,4 Ithal Komur	150 2*150 150 3*165 210 210 2*340 350	900 2*900 900 3*990 1,260 1,260 2*1,950 2,530						İ		
Sub-total Total		2, 545 22, 909	15, 520 134, 557		0 16, 271	58, 154	0 41, 173	2,545	15, 520	15, 520	

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	Therm	al Power Plant		Hyd	Hydraulic Power Plant				TOTAL	
YEAR	Name of P. Station	Inst. capacity (MW)	Annual Energy (GWH)	Name of P. Station	Inst, Capacity (MW)	Annual Product Average	ion Energy(GWH) Firm	Installed Capacity(MW)	Annual Bner Agerage	gy (GWH) Firm
2000	Potansiyel Soma C 4 Mugla Yoresi 2,3 Ithal Komour Ithal Komour	3*150 165 2*210 350 2*480	3*900 990 2*1,260 2,530 3,470	Yamanli II Yamanli III Kahta Fatopasa Tatlar Dutdere Ilica Indere Kirazlikopru Koprubasi Kolca Kocali Boganli	120 3752 625 862 462 462	31771 9351 17747 277066 123127 12227 1327	1725 1725 1725 1725 1725 1755 1755 1755			
Sub-total Total	:	2, 345 25, 254	12, 210 146, 767		1, 198 17, 469	3, 490 61, 644	1. 060 42. 233	3, 543	15.700	13. 270
2001	Potansiyel 5,6 Soma C 5,6 Mugla Yoresi.4 Ithal Komur	2*150 2*165 210 3*350	2*900 2*990 1,260 3*2,530		0	0				
Sub-total Total		1, 890 27, 144	12, 630 159, 397		17, 469	61.644	42. 233	1, 890	12, 630	12, 090
2 0 0 2	Soma D 1-3 Elbistan C 1,2 Ithal Komur	3*165 2*340 350	3*990 2*1, 950 2, 530	Kargi Gursogut Yamula Hakkari Cukurca Gullubag Ayvali Baglik Bayram Ulubat Cinarcik Obruk CevizlikK Kadincik IV Kopru Peke Camlica I Dalaman Sandalcik Narli Beskonak Konaktepe Others	194202254600256000000000000000000000000000	2743 2743 2743 2743 2743 2754 2776 2776 2776 2776 2776 2776 2776 277	1409550003434006002933112220002 18095349243112220002 117088502 117088502 117088502 117088502 117088502			
Sub-total Total		1, 525 28, 669	9, 400 168, 797		3. 940 21. 409	11, 509 73, 153	4, 816 47, 049	5, 465	20, 909	14, 216
2003	Soma B 4,5 Blbistan C 3,4 Ithal Komur	2*165 2*340 2*480	2*990 2*1,950 2*3,470	Akkoy II Buyukduz Artvin (Inanli) Arkun (Karakale) Beyler Laleli Ispir Aksu Kavsak Bendi Karyagmaz Kizkayasi Others	180 60 320 201 90 85 58 115 120 135 114 451	6749 17991 6749 8240 2487 2554 2624 17	9908445992259905 3966 2222228			
Sub-total Total		1, 970 30, 639	12, 820 181, 617		1, 929 23, 338	6, 478 79, 631	3, 965 51, 014	3, 899	19. 298	16, 785

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TABLE A-1-1 CONSTRUCTION SCHEDULE OF POWER PLANTS IN TURKEY (4/5)

	Ther	mal Power Plant		Hyd	Iraulic Power	Plant		TOTAL		
YEAR	Name of P. Station	Inst. capacity (NW)	Annual Energy (GWH)	Name of P. Station	Inst. Capacity (MW)	Annual Product Average	ion Energy(GWH) Firm	Installed Capacity(MW)	Annual Energy (GWH) Agerage Firm	
2004	Potansiyel 7,8 Soma D 6 Elbistan D 1,2 Ithal Komour Ithal Komour	2*150 165 2*340 350 480	2*900 990 2*1,950 2,530 3,470	Meydancik Sarigol Burak Kesikkopru Camiica Silvan Others	53 139 120 63 110 300 1,034	144 280 547 375 495 1,500 4,669	57 48 228 268 209 1,240 2,070			
Sub-total Total		1, 975 32, 614	12,690 194,307		1, 819 25, 157	8, 010 87, 641	4, 120 55, 134	3, 794	20, 700	16,810
2005	Elbistan D 3,4 Ithal Komour Ithal Komour	2*340 350 2*480	2*1, 950 2, 530 2*3, 470	Kayakopru Kizilagac Koroglu-Seylmli Palu Kozbuku 1 Topcam Yumrucaktas Zarova 2 Niksar Akkopru Dilek Beyler Kaletepe Kanadil B Kanadil 1 Kanadil 2 Others	55 63 150 78 100 90 87 128 97 115 105 100 60 55 103 103 854	157 257 443 413 283 182 487 247 560 343 386 240 215 178 371 362 3, 376	129 39 272 290 166 138 418 1 426 176 321 95 166 115 240 233 1,365			
Sub-total Total		1,990 34,604	13, 370 207, 677		2, 343 27, 500	8, 500 93, 141	4,590 59,724	4, 333	21,870	17, 960
2006	Potansiyel 9, Nukleer	150 2*1,000	900 2*6, 750	Gurpinar Kalekoy Kayalar Koclu Kovanlik Ordu Akimli Alarahan Bagistas Denizgolu Dereli Garzan Karakurt Kargi Others	50 183 83 65 75 55 110 120 188 105 60 90 100 78 586	128 963 176 184 207 215 483 335 1,040 300 230 355 355 390 2,394	86 712 149 153 137 165 338 211 730 78 103 180 191 298			
Sub-total Total	:	2, 150 36, 754	14, 400 222, 077		1, 948 29, 448	7, 755 103, 896	4, 920 64, 644	5, 465	20, 909	14, 216
2007	Ithal Komur Nukleer	2*480 1.000	2*3,470 6,750	Besikkaya Cat Damlapinar Guzeldere Harmanli-Kura Incilitas-Kura Kalekoy Alkumru Cetin Keskin Kigi Pervari Others	160 140 80 73 60 100 78 176 244 164 55 120	779 405 400 168 360 418 460 807 1,100 740 475 542 4,127	1 247 250 37 340 410 342 383 533 359 450 255 2, 158			·
Sub-total Total		1, 960 38, 714	13, 690 235, 767		2, 244 31, 692	10,781 114,677	5, 765 70, 409	4, 204	24, 471	19, 455

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	Ther	mal Power Plant		Hyd	raulic Power		TOTAL					
YEAR	Name of P. Station	Inst. capacity (MW)	Annual Energy (GWH)	Name of P. Station	lnst.Capacity (MW)	Annual Product Average	ion Bnergy(GWK) Firm	Installed Capacity(MW)	Annual Ene Agerage	rgy (GWH) Firm		
2008	Potansiyel 10 Ithal Komur Ithal Komur Nukleer	150 4*350 480 1,000	900 4*2,530 3,470 6,750									
Sub-total Total		3, 030 41, 744	21, 240 257, 007		0 31,692	114, 677	70, 409	3, 033	21, 240	21, 240		
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A-2 METEOROLOGICAL AND HYDROLOGICAL DATA

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	Table	A-2-20	Monthly	Tota1	Precip	pitati	on at	Yedioluk	Meteorological	Station
	Table	A-2-21	Monthly	Total	Preci	pitati	on at	Kaynar M	eteorological S	Station
	Table	A-2-22	Monthly	Total	Precip	pitati	on at	M. Basor	en Meteorologio	cal Station
	Table	A-2-23	Monthly	Total	Preci	pitati	on at	Kazancik	Meteorological	Station
٠	Table	A-2-24	Monthly	Total	Precl	pitati	on at	Orensehi	r Meteorologica	al Station
	Table	A-2-25	Monthly	Total	Precip	pitati	on at	Uzunpina	r Meteorologica	al Station
	Table	A-2-26	Monthly	Total	. Preci	pitati	on at	Ortaca M	eteorological (Station

Table A-2-27	Monthly Total Precipitation at Karsanti Meteorological Station
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A-2-1 Monthly Flow Volume at No. 1801 Gauging Station (unit: 106 m³)

	Table	A-2-1	Mont	Monthly Flo	Flow Volume	at N	0. 1801	Gauging	Station	n (unit:	: 10 ⁶ ¤	(₁	
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יטי		48.6	33.7	86.5	82.5	٧,	50.05	~	64-60	43.37	6,	67.33	743.58
0		106.4	98.6	88	19.7	7	56.55	æ	52.23	51,06	'n	78-85	1143.28
Ġ.		0 0	16.7	51.6	60	ا <u>۱</u>	24.00	W.	98.44	47.60	(A)	45.17	835,98
ŏί		9.47	7.7.	51.0	200	io i	61.79	41	9 6	54.03	7 4	51-70	876.07
200		200	3,5	9.6	٠,٠	٠, r	N 0 0 0	١,	200	0 6	90	00,00 00,00	7 6 6 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
70		200	ייני טיי) K	+ 1/	, ,	55.70	- 0	45.24	42.43	. 0	38.56	1239.48
. 6		31.3	6.66	66.2	'n	^	32,03	ı	27.23	28.18	1	33,35	495.71
~		38.2	4-49	04.7	4	4	46.20	N	34.04	33.92	Ġ.	63.93	864.47
š		167.5	98.8	18.5	ď.	'n	53.50	ω,	42.41	41.52	4-0	110,00	1346.60
ŏ		6. 79	33.2	21.7	'n	٠,	62.43	۰.	43.76	76.07	7.2	24.00	1074.50
ŏ.		ω, 	80 1	2.70	v, ı	*! 1	55.68	_ (43-10	42-76	4 .s m 4	79-28	1383,51
ö		9 9	67	7.1	c, r	ų, s	66.63	ω,	10.01	17 13	4 1	V 1 0 0	6-222
5 0		7 6	9.0	100	` `	j,	47.54	- "	0 0 0 0 0 0	27-25		20-00	201-70
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. 6		113	, 0	, W	פיי	M	100 100 100 100 100 100 100 100 100 100	9	28.51	28.17	. 43	30.46	570.22
o		28.4	03.6	87.8	1/1	a)	27.55		26.52	28,20	7.9	42.60	521.75
o.		57.	99	37	ĸ.	ď	50.08	9	35.60	35.33	es e	31-27	27 726
6		37.8	4.	60	4,1	n, c	76.55	ς, i	00-97	52.77	α. •	96.19	1058.81
> 0		4 t) 	3 C	3 "	` `	00 W	'nν	36.70	77.97	3 V	74.10	1404 F
. 0		133	1 (1	020	. ~	. 0.	46.86	٠.	35.09	36.69	1 6	60.51	973.33
ŏ		62.5	5.0	87.2	~	۲,	71.47	N	99-77	43.65	8	63.06	1476.56
õ		93.2	12.6	78.9	r -	Ċ.	65-67	M	38.41	34.82	V	127.85	1211.75
1982 1983	134.09 31.30	35.25	111.79	215,81	136-08	68.88	45.83	30.25	27.68	57.26 ******	~ ¥	70°07	*********
OTAL	3316.80	3703.45	7695.66	9534,94	6185.09	3510.93	2513.08	2073.54	1876.05	1975.34	2057.75	2874.55	45991.57
MEAN	69-10	77.16	160.33	192.39	128.86	73.14	52.36	43.20	39.08	41.15	42.37	59.89	978.54
ΥA	238.51	169.66	358.19	387.28	277.28	112.52	71.47	56.89	52.23	123.02	103-74	787.791	1476,56
	,	٥	۲	70 44	CK 67	76.75	22 55	27 12	26.52	27 4	27 37	26.86	22.922
z H E	20.48	65.82	90.00	ò		, ,))	_	•) ;	3		***************************************

Monthly Flow Volume at No. 1802 Gauging Station (unit: 10^6 m^3) Table A-2-2

	TOTAL	********	654.77	760.79	672.29	767,33	772.07	812.75	304,30	726.72	739.40	590.32	27-765	623.35	806.20	598.61	608.28	547.81	672.39	687.53	***	12439.49	691.08	812.73	547.82
	0 13 0	48.38	42.24	18.67	50.04	41.02	14.67	34.78	51.25	31.31	33.72	32.51	52.67	59.85	34.39	30.33	27.76	35.64	25.80	21,14	*******	720.85	37.94	59.82	21-14
	NON	49,15	33.22	77-07	37.92	39.23	52.04	38.19	53.99	32.74	35.94	31.02	30,85	77.89	33.87	32.20	28.82	32.61	22,80	23.26	铁头杆头的牙头	705.45	37,13	77,89	22,80
	90 T	15.83	39.07	31,00	31.10	42.77	35.70	39.01	40.10	33.26	33.45	31.81	33.36	27.34	37.71	31.46	31.45	33.17	20.94	22.67	*****	611.20	32.17	42.77	55.83
	ര പ	州西州阿州斯州	37.34	29.33	32.75	41.23	32.43	36.12	34.21	30.26	33.01	29.05	29.76	27.48	37.37	28.01	27.81	26.72	18.27	25.69	* * * * * * * * * * * * * * * * * * * *	28.755	30.82	41.23	18.27
,	AUG	斯特斯斯斯特特特	41.83	33.52	37.14	43.45	34.62	70.77	53.36	53.52	36.42	29.36	51.23	24.07	40.09	25.94	28.89	7.5.0%	22.65	24.83	*******	590.87	32.83	57.57	22.65
	101	******	66 67	38.98	57.17	80.08	44.16	47.62	38.45	41.09	77.77	36.73	36.51	32.55	50.55	32.82	36.12	35.95	27,83	36.33	*******	721.57	40.09	50.55	27,83
	n n n	****	81.64	57.60	56.16	70.17	68.45	17.25	57.68	72.08	80.14	66.98	58.98	55.56	105.45	58.12	53.18	61.71	50.82	91.72	****	1204.86	76.99	105,45	50.82
	MAY	*****	95.40	109.59	115.73	125.76	107.30	110.63	129.44	151.10	135.63	124.11	127.27	68.24	174.17	140.87	132.58	16.26	120.24	163.33	* * * * * * * * * * * * * * * * * * * *	2225.03	123.61	174.17	68.24
	α α «	张芳林和新林林 英	97.62	148.65	160.46	170.20	178.98	173.91	190,50	173.43	129.20	108.20	103.48	91.19	147.61	105.49	117.67	77.43	185.98	189.32	163.33	2712.65	142.77	190.50	77.43
	E d d	***	65.50	107.99	46.18	76.96	80.17	125.36	102.72	61.67	102.36	38.76	53.03	90.91	48.54	55.24	71.56	70.00	88.47	36.18	85.40	1394,51	73.40	125.36	36.18
	<i>ஈ</i> ந ம	*****	~	о С	5.	~! Ni	7	Š	ά,	in.	o,	ກຸ	e e	4	m m	'n	۲.	4	2,	31.55	۸.	24.927	39.46	68,01	24.84
	Z Z Z	*****	30.95	45.87	35.77	34.34	48.06	76-77	34.98	43.18	32.09	32.76	29.62	34.57	72-87	30.82	25.08	27.44	35.67	23.53	22.89	660.80	34.78	48-24	22.39
	Y E A R	1935	1936	1937	1938	4561	0767	176	276	0.	1116	5767	1946	2563	876	676	1950	1951	1955	1953	1954	OTAL	MARK	MAX.	NHN

at No. 1803 Gauging Station (unit: 106 m3) Monthly Flow Volum Table A-2-3

	TOTAL	2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
() E	DEC	2 4 4 4 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
: 100 m ²)	NOV	11
ı (unit	130	2
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1803 Gauging	AUG	* * * * * * * * * * * * * * * * * * *
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at No.	V II N	2 2 3 4 4 5 5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5
, Volume	мАҰ	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Monthly Flow Volume	4 G R	* * * * * * * * * * * * * * * * * * *
Monti	Æ R	* * * * * * * * * * * * * * * * * * *
A-2-3	я 8	* ** ** ** ** ** ** ** ** **
Table A-2-3	NAU	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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3 Ċ Z Monthly Rlow Vol 4 ç

	TOTAL	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	**************************************	587.23 564.89 285.19
	U	8 * * * * * * * * * * * * * * * * * * *	* * * *	* * * * * * * * * * * * * * * * * * *	H M 4 N
(SB)	5	ઌૢ૾ૡ૽ૺ૱ૢ૽ૡ૽ૺૹ૽૽૱૽૽ઌ૽૽ઌ૽ ઌૹઌ૱૱ઌઌઌઌઌઌઌઌૡ૽ઌ ઌઌઌઌઌઌઌઌઌઌઌઌઌઌઌઌ		**************************************	519.31 24.73 34.04 14.62
: 100	NON	200000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	**************************************	481.62 22.93 32.69 12.42
ı (unit	0CT	22222222222222222222222222222222222222	** * * * O * ** * * * * * * O * ** * * * *	* * * * * * * * * * * * * * * * * * *	23.16 23.58 34.38 12.11
Station	SEP	* 00 00 00 00 00 00 00 00 00 00 00 00 00	**** *****	* * * * * * * * * * * * * * * * * * *	505.70 24.08 35.54 15.54
Gaug ing	AUG	** ** ** ** ** ** ** ** ** **	1 N H H 3	**************************************	526.49 25.07 35.57
1804	JUL	* 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	**************************************	0.000000000000000000000000000000000000	26.76
at No.	*0°	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# . # # # # # # # # # # # # # # # # # #	33.69
v Volume	мя⊀	* W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	1143.70 54.46 95.14
ıly Flow	ط 9	** 0000 ** 000	* * * * * * *	4 * * * * * * * * * * * * * * * * * * *	1480.50 67.30 130.79 26.96
Monthly	æ የ	* * * * * * * * * * * * * * * * * * *	(O) C) X X X X X X X X X X X X X X X X X X	# # # # # # # # # # # # # # # # # # #	901,71, 42,94 93,88
A-2-4	m m u	* * * * * * * * * * * * *	* * * * 0 ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	00 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	523.33 24.92 36.58
Table A-2	⊼ A L	# C C C C C C C C C C C C C C C C C C C	** * * * * * * * * * * * * * * * * * *		340.59 25.73 34.85
	۶. م. م.	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	101 M H H M M M M M M M M M M M M M M M M M

(7 106 1805 62 Monthly Fl Tahle A-2-5

	10141	H	017.4	112.6	w.	200	2007	774	793.6	214.3	575.7	541.6	317.6	362.7	7.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	446.3	666.2	253.9	2-767	444.8	560,6	11000	704.0	916.0	17	2	.00	7 . 4	4	*	٠,	925.9	1061.39	269.	113	907	2107 17	6	2805.21	1890-64	***************************************	85532.16	1943.91	3014.28	916.06
()	DEC	102,23	74.76	203.76	64.69	40.0	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	10.70	7.1.32	308.16	55.20	55.02	70.61	146-10	76.701	0 7 5 C 7 6 C 7 6 C 7 C 7 C 7 C 7 C 7 C 7 C 7	70.80	55.86	549-45	53.70	56.82	52-41	186.40	07070	67.12	139.73	298-01	159.87	280.79	138.90	96-56	70.07	59.25	180.72	63.46	243.49	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	175.07	144	395.89	62.29	***	5787.16	128.60	395.89	42.87
: 10 ⁶ m	VON	****	56.58	76-86	54.56	29-221	70-07	64.61	50.71	268.33	55.70	50.45	45.19	56.25	0.60	00.00	62.69	50.11	17-97	47.63	47.24	51.60	39-67	4.4.47	0 1. 40 0 1. 4	56.33	73.45	82.81	109.05	63.66	85.10	44.50	30.19	54.20	59.73	88.33	63.94	, v . v . v . v . v . v . v . v . v . v	71 70	86.22	61.02	******	2961.03	67.30	268.33	39.39
ι (unit:	0CT																																	53.90								******	2542.67	57.79	39.68	40.12
Station	N F	*	φ.	Ç.	V (· ·	g er			M	7	۲.	N	4	0	; 0	9	17	4	٥.	·.	0	O, E		4 67	1	8	.7	3.	<u>۲</u>	'n	` *		46.16		M.			•	4 10	0	4.	2505.77	55.68	75.57	39.06
Gauging	AUG	***************************************	63.18	64.62	63.25	A 0	67-64	, t.	186	52.07	71.51	52.02	52.82	53.80	70	07.27	17.	54.68	45.90	57.37	51.92	25.49	39.17	22.22	22.67	39.75	65.79	69.23	70.77	76.32	29.05	74.81	20.07	44.18	72.58	82.49	73.43	000	1 5	74.46	77.62	59.89	2774 44	61.65	83.29	39.17
1805	JUL	* * * * * * *	76.03	81.10	73.46	04.0	7.0	0.0	74.92	64.35	91.35	65.51	67.69	64.45	90.00	, A A	0 0	66.30	52.98	70.41	61.82	68.77	43.47	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 V V	71,88	96.	89.06	82.86	96.73	70.90	7,74	10.07	97.77	98.71	92.78	66.16	, tv	116	40.00	103.96	91.43	3474.63	77.21	121.87	43.47
at No.	N D T	×	0	`.	o i		7			~	٥.	0	S	n e	× 0	4 C			7.5	3.5	0	7	0 1	o u	0.0			~	'n	6	W.	٠, ر	, M	77 65	?	9	V .		, ,	, 4	9	145,04	5282.07	117.38	256.54	27.04
w Volume	≻ ∀ K	. ** **	16.0	05.4	. i) } -! } `` }	1 P	0	30.	25	96.8	6.67	9 10 10	86.) 1 1	6.6	20	26.2	91.1	56.3	7.07	22.0	200	2 6	22.	29.0	2.00	25.3	9	30.4	7.5),C	99.42	70.6	97.5	22.5	. t . t	,,	7 OC	85.0	53.4	10974.10	243.87	522.63	92.27
hly Flow	APR	* *	73.1	71.6	, u	٠. د د	7. 70	2 . 3	7.2	8	96.2	27.7	53.4	24.6	7.	ο ς Ο Ο	1 6	30.3	13.1	27.2	34.6	71.2	7.5) (C	10	23.1	12.9	0 66	29.9	7.65	0.70		160.89	84.5	87.4	ν. ωι	, c	40	7 62	95.1	91.7	18040.46	06.007	98.796	113-15
Monthly	MAR	*	ç	7.7	7.7	. u	10	20.7	38.8	79.1	78.8	72.9	30.7	m c) () (9 7	7.	72.0	32.4	40.1	25.1	83.	91	0 \ \ 0 \	0.00	9	6.1.	0.80	31.6	0.1	67	7 6		211.80	25.6	30	38.3	0 Y		1 00	22.7	52.1	15770.16	350.45	731.64	110.69
A-2-5	n. m		149.91	278.58	286.45	77.77	10 K	69	141.90	269.50	566.66	76.79	71.88	72.12	000	100 100 100	162.00	293.55	68.62	568.49	116.37	105.75	18. 671	77.007	000	150.67	319.42	137,45	285.40	172.27	27.7.69	74.50	20.00	07 65	135.91	130.43	302.94	202 430	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	315.79	145.47	129.16	9083.25	201.85	566.66	29.40
Table	JAN	**	ы	68.0	22.0	4 0 4 0 6 0	re	12.8	69.8	11.6	~1	72.3	ω.	4.00	7 . F	٧.	12.6	82.1	51.3	22.8	œ	23.5	0.1	Ú. 0	1 10 1 10 1 10	6.06	·N	7.97	71.4	80.8	77	AX	, 0	4	88.4	79	32	77.	4 4		7 - 4	15.0	8142.71	180.95	706.26	41.01
	YEAR	m	W	4	4 :	\$ \ \$ 0	1 1	. 7	1 7	4	ž	7	IO 1	ly t	^ '	אני מא	. 60	'n	9	9	Š	8.	o :	0 Y	9 9	8	8	Š	ö	9	6	, o	ò	1974	6	6	O- (` C	` °	σα	2 20	8	TOTAL	MAHN	MAX	Z I

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6 1212 0000 Manthly Flow Val Table A-2-7

						מב זו	7 7 7 7	\$77.50 pp	ocariom.	3 7 7 7	1		
YEAR	NAL	ஈ வ வ	M A A A	APR	MAY	200	JUL	AUG	S E G	OCT	NOV	0 E C	TOTAL
1954	* 6	*	* ¢0	* O * O * F * O * F * O * F * O * F * O * F * O * F * O * F * O * F * O * O	* 10 * 10 * 10 * 10 * 10 * 10	# n. # 00	*****	* * * * * * * * * * * * * * * * * * *	**************************************	24.69	22.63	22.72	70° 770
1956	7.5	17	03	***************************************	*	×	* *	*	. *	8.5	w	· vo	****
1957	44	14	-1	25.95	•	2.2	4.6	α_1	3.2	3.6	17	M	217.30
1958	17	13	∞	20.00	m	9.0	ς, Ω	m	6.9	7.3	w	S	264.50
1959	4,4	er (4 (38.02	r,	4.6	٠, ۱	10 6	Δ, i	ω, ·	47	~1 •	242.56
2000	. T	Z •	DO U	62,05	4 (N 0	ያ ያ		, , , ,	9.		nι	282 24
1001	л е Н т	4 -	אַהַ	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ñь	4 K	ሳ ላ		4 0	3 7 1 7	, r	vι	278-20
1963	1 (1)	4 6-	3 ~	77.00	- 0	•	10		ָ הייי	141	1 U	. О	351.40
1964	1 6	4.4	1 ~	37.22	· N	1 N	, 40	ŀΙΛ	10	12	, .) W	263-87
1965	7	1.1	יט	53.65	-	6	, C	•	7 7	9,2	w	0	315.61
1966	25	25	0	54.38	œ	4.8	7.	•	7-0	4.0	·	M	331.02
1967	20	1.	4	77.73	vo.	9	w.	10	2	0	and the second	41	388.80
196B	L 1	24	n, I	118.64		9 ·	0	m	ان ان	0.0	י גע	` (6.98
0.00	1 10	22	٠, ١	80.30	4 (9	o.	m /	٠, ‹	, . , .	v	,	71.404
197C	9 1	.) τ Ο α	V 1	22.20	96.40	, t	n a		× ×	, r	-	- 4 - 4	70.00.0 17.00.0
1077	4 6	1 +	· · ·	3 0 0	, 0	י טנ		7 C	, α	. 0	· v.	v	40.4
1973	4 +1	1 51	20.49	25.40	28.44	19.23	11,28	11.30	, iv			w	204.00
TOTAL	393.41	342.68	647.05	891.34	711.17	512.83	368,60	339.19	319.59	374.57	360.16	375.89	5418.04
N E E E	18-60	18.04	34.06	75-67	39.51	28:49	20,48	18.84	17.76	18.73	18.01	18.79	301.00
MAX	30.40	30.70	76.72	118.64	80.41	55.62	33.61	28.71	26.57	52.99	26.72	29.27	505-17
N. E	11.12	11.06	18.56	22.73	17.28	17.70	11,28	11.30	11.28	11.44	11.28	12.70	178.50
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Monthly Flow Volume at No. 1813 Gauging Station (unit: 106 m3) Table A-2-8

84.132	5.276	4.147	4.533	4.772	4.923	4.403	4.754	6.882	8.976	9.720	4.548	3.991	Z H X
288.644	15.187	14.593	15.508	14.930	17.142	18.347	26.983	37.283	62.441	45,881	16.475	16.472	MAX
162.279	9.910	9.145	9.748	9.648	10.193	10.701	14.044	18.657	23.969	21.431	9.067	9.395	MEAN
1947.350	128.831	118.885	126.728	125.422	132.511	139.116	182.570	242.542	311.592	278.602	118,136	122.132	TOTAL
****	****	*****	***	7.133	5.220	4.403	4.754	8.882	13.377	11,212			1975
84.132	6.147	5.467	6.045	4.772	4.923	5.089	7.426	10.122	8.976	9.720	7.504	7.941	1974
137.229	9.034	8.712	8.823	8.618	8.536	10.623	22.983	•	13.268	15,811			1973
127.174	7.371	7.429	7.912	7.154	8.116	7.419	11.871	11.812					1972
167.480	11.356	11.249	10.794	9.124	10.526	10.687	12.468	15.776					1971
267.347	15.187	14.593	15.508	14.930	16.526	18.347	21.565	36.882					1970
288.644	15.106	14,126	14.758	14.437	17.142	17.651	26.983	37.283					1969
199.468	13.633	11.871	12.990	14.541	15.963	15.776	15.915	27.454					1968
149.759	10.339	4.357	10.312	11.094	10.365	10.526	10.757	15.669		16.606			1967
153.244	699.6	9,020	9.482	8.709	9.374	10.285	11.405	18.374					1966
123.671	7.553	6.636	7.178	7.335	7.205	7.660	9.435	12.026					1965
163.045	10.392	10.083	11.410	11.197	11.758	14.383	20.010	21.347	21.669	14.945	7.467		1964
96.155	7.767	6,195	4.964	6.376	6.857	6.267	6.998	9.723	11.586	18.883	4.548		1963
*****	5.276	4.147	4.553	***	经行效差货货票	*****	*****	*****	****	***	***	***	1962
TOTAL	DEC	YON	90	SEP	שהש	JUL	SUN	MAY	A S S	MAR	ក ភា ល	NAC	YEAR

Table A-2-9 Monthly Flow Volume at No. 1822 Gauging Station (unit: 106 m3)

YEAR	NAU	ጥ ጨ	MAR	APR	MAY	NDT	Jur	AUG	SEP	. 961	NON	0 2 0	TOTAL
						٠.						:	
1968	******	*****	***	并并列托并关托升	****	******	****	****	****	***	******	57.76	代并传书书的时代光光
1969	53.47			171.05	217.52	102.50	68.21	55.28	49.06			53.56	1062.43
1970	53.71			126.48	89.82	89.39		31.93	30.80			39.51	711.95
1971	37.50			85.06	74.47	45.37		26.25	24.86			30.71	483.21
1972	27.71			81.42	79.13	91.31		25.16	27.89			33.61	545.79
1973	38.30	27.55		68.11	67.79	31.29		13.43	14.96			25,15	384.23
1074	30.70			66.73	57.43			15.63	18.87			24.06	375.94
1975	24.11			154.79	172.84			29.93	27.01		•	29.37	701.33
2976	27.14			149.06	142.30			21.89	25.99			62.27	660.3
1977	32.81			138.17	150.53			27.06	27.40			34.82	713.91
1978	35.29	51.63	77.39	121.57	123,41	61.60	31.47	25.95	30.09	33.32	36 05	43.99	671.7
5467	54.59			99.76	80.17			26.40	23.64			41.69	639.38
1980	44.76			182.69	245.26			40-17	41.39			50-17	988.95
1981	76.57			124.77	144.55			36.73	33.49			73.60	377.04
1982	52.36			179,85	135.23			31.43	36-18			25.30	761.63
1983	36.78			120.33	103.44			16.81	22.80	*	****	*****	***************************************
OTAL	593,15	629.07	1182.98	1864.75	1883.59	1019.92	542.00	757	27"727	467.92	476.81	606.10	9582-97
NARK	39.54	41.94	78.87	124.32	125.57	64.79	36-13	28.28	23.96	33.42	34.06	40.41	25.288
ΑΑΧ	54.59	63.85	157.62	182,69	245.26	113,11	68.21	55.28	90.67	50.52	74-06	73.60	1062.43
MIN	24.11	22.21	43.70	66.73	57.43	18,79	13.77	13-43	14.96	19.38	20.38	24.06	375.94

	TOTAL	204.00	231.93	438.73	320.28	375.50	353.13	336.28	75-627	419.23	397.37	*****	3585.76	358.58	75.674	204.00
	9 6 6	15,67	15,99	19.12	20,33	19.50	22,71	20,73	28,77	30.77	21.24	** ******	214.83	21.48	30,77	15.67
10 ^{6 m3})	NOV	14.88	14.05	19.65	17.88	19.70	21.18	20.58	25,01	24.91	19,88	*******	197,72	19.77	25.01	14,05
(unit:	DCT	15.53	12.80	21.53	25.61	25.34	22.66	21.11	25.47	27.05	23.41	* ***	220.51		27.05	12.80
Station	SEP	11,53	13.89	15,94	19.70	19.10	18.43	17,39	25.69	26.49	. 21.15	16.30 *	205.62	18.69	56.49	11,53
guigne	Aug	11.30	13.77	22.20	18.88	18.27	17.95	23.25	27.78	25.71	25.36	14.62	219.09	19.92	27.78	11.30
1823 Gauging	705	11,28	12.16	29.68	23.28	21.75	20.38	25.50	29.30	31.52	28.04	15.45	248.34	22.58	31.52	11.28
at No.	NOV	19.23	15.09	35.69	35.72	30.51	26.85	31.62	37.92	43.47	33.41	27.09	336.60		43.47	15.09
Volume	жаҰ	77"82	29.94	122.30	61.74	70.31	45.21	33.24	105.64	57.37	26.95	51.85	653.02	59.37	122.30	77.82
y Flow	APR	25.40	45.75	66.96	74.57	60.03	61.85	42.33	87.84	43.99	91.47	75.67	67-629	61.77		
Monthly	MAR	50.49	33,00	29.86	21.08	42.08	62.97	40.39	50.27	54.34	34.82	41.30	414.43	37.48	54.34	50.49
-2-10	r. m &	15.00	12.29	12.60	15.23	32.85	31.98	36.63	18.59	25.69	23, 13	18.12	242.12	22.01	36.63	12.29
Table A-2-10	NAU	15.24	13.20	13.15	16.23	70-97	17.14	23.52	17,06	27.91	28.47	19.31	207.31	18.85	28.47	13.15
• '	и ч т	1973	1974	1975	1976	1977	1978	1979	1980	1931	1982	1983	TOTAL	MEAN	MAX	2 2 2

Monthly Flow Volume at No. 1818 Gauging Station (unit: 106 m³) Table A-2-11

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YEAR

1966 1286 128 12		2000 + 400 +	3 2 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	25	4903.31	2698.01		W.
1965 ************************************		000 000 000 000 000 000 000 000 000 00	* * 6 S S S S S S S S S S S S S S S S S	322.51 309.96 190.74 *******	382.21	ru-, ·		
1965 M. WERENER M. MERCHER M.	•	76.6	7	249.04 189.22 189.22 189.22	378.73	131.12		
1966 SECTION S		178.52 192.44 219.72 219.84	1170-75 1189-112 1189-119 1189-119 1189-118 1189-118 1189-118 1189-118	225.95 243.74 219.86 ******	502-64	139.19		
1965 ******* ******* ******* ******* ******	1	** 206.31 217.02 231.80 251.08	177.52 196.30 151.61 151.61 192.58 205.79 205.79 183.48	200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n o	in		
1965 XXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXX	!	₹	213.61 208.95 154.26 231.02 221.02 221.32 217.32	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	217.25	149.76	* :	· :
1965 ****** ***** ***** ****** ****** ******	!	2 くこて な *	0 4 4 6 6 8 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	200 × 500 × 600 ×	61.5	159.77	•	* . • • •
1966 ****** ***** ***** ***** ***** ***** ****	,	# C C C C C C C C C C C C C C C C C C C	20000000000000000000000000000000000000	* 4 M M M * 4 M M M M M M M M M M M M M	Ω : 00 00 ιυ	9.10		
1965 ****** ****** ****** ****** ****** ****		* N N O N N	4777000000	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	611.70	44.		
1965 ****** ***** ****** ****** ****** *****		**************************************	88 88 88 88 88 88 88 88 88 88 88 88 88	742.78 728.44 984.53	8 6	86.3		
1965 88 88 88 88 88 88 88 88 88 88 88 88 88		70 40 60 F	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F 10	52.0		
10066 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		* 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 6 8 9 6 8 9 6 8 9 9 9 9 9 9 9 9 9 9 9 9	* 2000 X	7 8 7	8		
Σ \times Σ \times		12 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	55 4 4 6 6 6 4 6 6 4 6 6 4 6 6 4 6 6 4 6 6 6 4 6 6 6 4 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	98.3	48-1		
		99999999999999999999999999999999999999	00000000000000000000000000000000000000	*******	지 X 작 전 배 동 등	R E E		

Monthly Total Precipitation at Sawhli Meteorological Station (unit: mm) Table A-2-12

	Table	Table A-Z-12	Mon	tnly rota	al Frec	ıpitation	at	Seyhli	Monthly lotal Precipitation at Seyhli Meteorological Station	great	Station	(un1t:	(www
YEAR	N N N	63 W U.	MAR	ADR	MAY	NO.	JUL	AUG	8 8 8	967	NON	DEC	TOTAL
1969	8.08	35.5	54.2	52.0	84.1	10.0	2.9	10.6		14.7		124.5	486.8
1970	30.1	29.1	30.2	20.3	48.7	32.1	1.7	0.0		55.9		17.9	313.2
1971	18,3	23.0	37.5	90.5	18.4	25.9	45.2	33.4		19.8		30.3	414.1
1972	10.4	28.9	20.2	81.0	40.7	59.5	7.9	8.7		25.7		4.6	347.9
1973	11.6	75.4	71.5	62.7	66.3	38.5	7.2	0.0		2.5		32.9	400.0
1974	17.9	14.7	40.0	93.5	31.9	4.4	0.0	34.0		25.2		66.6	373.9
1975	29.0	26.1	54.1	218,1	45.9	39.3	1.3	0.0		7.5		26.7	515.1
1976	50.2	12.0	21.6	119.7	71.3	19.9	16.7	0.0		79.8		26.4	438.2
1977	32.0	30.1	60.8	91.2	44.5	72.4	9	0.0		35.0		39.0	395.9
1978	121.3	50.7	67.1	80.5	22.7	16.4	0	0.0		41.5		34.3	444.7
1979	46.1	6.2	35.2	4.44	27.8	13.2	12.2	0.0		5.1		6.69	303.8
1980	38.7	25.8	125.2	56.1	45.3	1.3	2.9	17.7		10.7		36.0	376.0
1981	76.8	45.3	47.3	24.4	51.3	42.2	'n	0.0		22.0		78.9	425.3
1982	13.5	13.2	41.8	64.5	25.1	18.2	2.6	11.4		27.5		20.6	252.9
1983	73.0	21.7	42.7	84.9	48.5	27.2	0	0.0		27.4		6.97	454.6
1984	58.1	18.4	48.4	36.5	13.7	23.6	4.9	6.0	1.2	0 8	22.3	23.8	254.1
1985	13.0	52.0	33,5	38 5	31.2	n e	2	0.0		72.2	*	***	***
TOTAL	720.5	508.1	831.3	1258.8	717.4	397.6	128.0	116.7	145.4	470.3	492.0	677.1	6215.5
MEAN	45.4	59.9	48.9	74.0	42.2	23.4	7.5	6.9	9.8	27.7	30.7	42.3	388.5
MAX	121.3	75.4	125.2	218.1	34.1	59.5	45.2	34.0	36.1	79.6	70.8	124.5	515.1
. MIN	10.4	6.2	20.5	20.3	13.7	1.3	0.0	0.0	0.0	0	9.0	2.4	252.9

Monthly Total Precipitation at Bakirdae Meteorologi Table A-2-13

SEP OCT NOV DEC TOTAL	25.1 55.2	9.2 26.9 79.7	27.4 8.9 77.0	11.3 20.1 6.7	0.5 55.6	38.4 34.7 55.4	26,8 38,4	12.0 72.1 19.4	54.6 37.1 54.1	5,1 50.8	51.8 37.9 23.4	0.0 11.5 45.5 20.8 255.9	3.4 13.9 MO.1	9.1 23.7	0.0 28.4 48.8	57.5 27.0 21.4	40.9 3.6 39.2	50.5 0.0 28.1	18.5 30.3	21.3 21.7 31.9	35.0 20.8 5/.7	9.3 536.4 669.2 808.7 7584,2	4.1 24.4 30.4 36.8 344.7	1.9 57.5 72.1 79.7 478.8	0.0 0.0 0.0 1.1 229,1							
SEP	10.0	37.8	0.0	30.7	16.6	8	12.0	0	51.5	2.1	14.	0 :		18.	0.0	14.	28.5	36.0	m	60		309.3	14.1	51.9	o,	٠						
AUG	1.0	0.0	0.0	0.0	3.4	0.0	12.5	0.0	25.0	0.0	0.0	10.4	0 0	40.4	9.6	0.0	0.0	0.0	0.0	0.0	0,0	110.3	5.0	40.4	0							
1 1 1	2,2	V.	0.0	11.5	0.0	63 64	0.0	φ,	0.0	0.0	2,9	0 I	> 4	0	0.0	14.5	5	0.0	10.7	٠ د	10.3	94.8	4. W	14.5	0.0				÷			
Nor	47.8	14.5	Ю.	34.1	59.3	32.9	9.6	25.7	49.8	51.7	35.1	2.5	0 0 0	12.6	0.55	16.4	26.6	0.0	56.0	0.0	61.0	735.9	33.4	89.8	0.0							
MAY	31,8	34.5	62.9	9.83	72.4	21.2	51,3	71.3	44.3	64.2	29.6	6 4	34.	27.5	58,8	54.2	45.9	37.8	59.3	58.9	52.5	1044.7	5.7.5	72.4	21.2							
APR	81 51	7.1	56.2	46.8	1.6	61.1	30.0	19.0	12.5	33.6	12.8	33.6	- A	71.1	112.2	64.2	78.1	45.5	45.3	29.4	24.4	956.0	43.5	112.2	1.6		٠					
M A A	32.7	28.3	47.0	42.1	73.8	78.9	31.9	Q. 04	0.75	37.1	24.1	26,9	, H	20.00	14.7	4,3	0 0	8.0%	26.2	109.2	61,2	895.5	2.07	109.2	5.9							
7. E3	51.8	16.1	4.5.4	34.9	18.0	32.8	16.4	20.3	33.0	53.1	24.8	12.1		i in	20.4	20.7	12.0	38.8	18.4	29.6	34.8	577.5	26.2	53.1	12.0							
NAC	66.7	32.8	4	92.3	11.0	25.1	100.3	39.0	72.5	24.8	28.9	o	10. 4. a	200	39.4	33.6	23.8	80.5	47.9	34.3	29.5	845.9	38.4	100.3	6.1							
YEAR	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	27.67	1976	1975	1976	1977	1978	9791	1980	1981	TOTAL	MEAN	X	Σ H					-	,	

336.6 352.0 352.0 325.2 314.4 2134.4 355.7 456.2 314.4 TOTAL Monthly Total Precipitation at Huseyinli Meteorological Station (unit: mm) 33.7 63.0 9,2 825.8 83.8 83.0 87.0 8.7 8.0 DEC 37.5 52.5 18.2 1.525 14.0 20.9 20.9 20.9 20.9 20.9 174.1 29.0 6.09 OCT 20.8 73.8 124.8 20.5 0 AUG i i 225.8 69.2 N S S 22.1 32.1 27.6 41.4 59.2 82,3 30.7 56.7 MΑΥ 340.4 265.9 44.3 81.0 48.2 12.6 24.8 21.5 67.8 APR 29.0 59.4 MAR 174.1 Table A-2-14 η (0 138.7 23.1 1 27 OD LL 29.9 56.3 Z Z Z 179.7 1967 1968 1969 1970 1971 MEAN MΑΧ 2 H 2 YEAR

	Table	Table A-2-15	Mont	Monthly Total		Precipitation	a t	Tomarza P	Meteorological	ogical	Station	(unit: am)	~
YEAR	NAU	ਜ ਰ ਜ਼	MAR	A R R	MAY	NUS	, JUL	AUG	SEP	001	NON	DEC	TOTAL
•												-	
1963	51.9	40.6	56.5	70.9	64.2	52.0	13.4	0.0	23.5	26.8	14.7	16.6	431.1
1961	14.3	28.7	5.66	9.1	106.9	64.3	0.0	0.0	17.3	0.0	30.8	31.4	402.3
1965	13.2	35.3	75.2	6.09	45.8	28.5	ю Ю	0.0	12.0	6.6.8	46.9	57.2	417.1
1966	82.0	4.0	26.8	52.2	29.2	4.6	9.6	21.3	16.0	4.6	43.6	79.3	383.5
1961	54.5	36.1	60.1	36.8	49.3	60.2	e.0	0.0	9.0	21.8	6009	52.7	433.3
1968	0.96	59°	80.6	10.4	64.1	48.5	ν, Ο	29.2	55.8	35.3	6.04	64.8	584.6
1969	40.1	77.4	58.2	4.07	4.98	4.97	17.8	0.0	0.8	11.0	43.7	117.8	577.7
1970	35.0	35.9	42.2	9.1	38.7	24.2	2.4	6.0	10.5	4.99	39.7	30.8	335.8
1971	18.5	19.2	40.8	102.5	32.6	43.5	6.2	16.0	10.0	19.4	28.9	63.8	401.4
1972	32.7	35.0	0.6	92.4	69.9	87.5	15.0	12.7	36.5	53.1	20.0	1.3	464.1
1.973	15.7	16.2	28.9	64.3	68.2	28.8	5.6	0.0	2.5	1.7	22.8	41.8	296.5
1974	17.5	14.6	75.9	S. 8.3	21.0	19.8	0.0	0.00	25.9	35.0	31.1	36.5	339.0
1975	54.0	31.0	27.4	107.0	53.2	84.9	11.1	10.2	0.1	6.1	27.0	41.8	453.8
1976	47.7	33.8	o o	85.1	67.8	0.57	ы С	0.0	54.1	48.2	7.0	28.3	429.8
1977	29.2	19.8	40.5	83,9	54.0	56.2	22.6	0	17.0	27.2	3.7	33.8	387.9
1978	71.3	44.0	4.1.9	51.4	12.6	8.7	т. О	0.0	42.3	44.3	0.0	38.1	364.5
1979	57.2	34.2	20.4	53.3	77.5	76.7	22.4	0	4.0	15.6	94.0	35.1	452.2
1980	53.2	22.7	108.7	45.4	74.7	32.7	n 0	0.0	14.4	19.5	33.5	38.7	443.8
1981	24.5	31.0	56.7	18.2	95.1	33.2	33.8	0.0	16.9	32.4	53.5	61.9	457.2
1982	16.9	17.5	39.7	42.1	29.7	30.7	υ Φ	5.2	16.6	28.6	9.6	28.4	270.8
1983	B . B	31.2	17.3	84.6	67.8	27.5	7.1	11.2	M. 4	87.8	94.3	25.2	485.9
1984	8,5	21.8	30.7	76.5	29.5	8.9	17.2	5.7	0.0	0.6	16.3	6.54	267.6
1985	30.1	58.9	29.7	43.6	62.6	16.7	6	4.7	9.0	68.3	28.5	32.1	387.8
1986	ы4, ы	41.6	n W	ν. υ.	70.7	55.8	0	ς. Ω.	2.5	15.6	51.3	43.2	353.9
FOTAL	931.6	0.567	1081.9	1364.2	1370.2	989.0	2002	128.7	396.6	724.3	792.7	1046.5	9821.3
MEAN	38.8	33.1	45.1	56.8	57.1	41.2	· 80	5.4	16.5	30.5	0.00	43.6	409.2
;		, . !				1 (. (č	Ç	ň
Σ. X	0.96	4.77	108.7	107.0	206.9	87.5	33.8	N	25.62	œ .	e .	717.0	
N H N	8.5	9.5	ĸ,	9 - 1	12.6	8.8	0	0.0	0.0	0.0	0	. E. E.	267.6

ŀ Monthly Total Precinitation Table A-2-16

) { } }	; ;	11011	nomenty total frecipitation	r rrec	ipicacio	<u>а</u>	Toklar Me	Meteorological		Station ((unit: m	mm)
EAR 8	NAU	н Н	MAR	A PR	MAY	N D D	JUL	AUG	SEP	001	NOV	DEC	TOTA
	18.4	41.7	70.1	109.1	23.7		£.			, ,	0 8		i
	67.7		23.3	43.7	7.				70.7	. v		4.00	000
	58.4		63.0	46.9	5.8.7		י מי טימי	-	0.07	0 0	1 0	7 Y Y	. 886
	9.09		40.9	3.7	57.6	22.1	0.0	7.5	27.4	9 4	70.0	T • 02) • 225
*	*	****	*******	***	63.7		, d		1 C	, d	1 0 6	2.70	****
	31.9		43.5	15.3	4.6.6		. 0) er	, so	. M.	8.5	, C. K.
	10.3		45.2	58.2	22.4		6.5		2.5	28.6	34.9	5.15	372.0
	17.2		8.2	92.7	56.1		19.3		22.5	42.6	16.6	3.4	424.
	16.2		35.3	64.7	73.5		1.7		5,3	10.9	16.9	31.4	293.
	17.5		46.5	83.0	32.0		0.0		25.0	12.0	26.7	27.7	288.
	47.0		21.3	104.5	80.1		3.9		0.0	0.0	14.2	23.8	371.
	34.7		8.1	75.2	52.5		4.5		62.1	71.6	9.5	23.4	396.
	19.7		52.7	55.3	36.7		8.5		30.7	37.5	0.7	18.7	315.4
	55.6		31.2	# 6.0S	****	***	******	**	***	26.3	0.0	58.4	*****
	51.2		W. 4W	67.0	95.6		29.7		17.1	19. 19.	75.5	49.7	5.62
	52.3		158.7	41.5	82,3		0.0		33.7	22.4	48.9	27.5	520
	34.1		75.7	24.3	40.7		***		16.4	38.8	97.0	53.7	****
	30.6		33.9	61.8	38.4		23.5		25.4	40.4	13.4	24.7	354.
	24.9		11.7	64.7	43.2	33.1	0.0	2,2	11.3	88.7	81.0	16.4	400
	29.3		30.7	87.1	33.8		41.5		1.6	17.1	***	***	****
	670.6	2.094	831.3	1149.6	1042.5	710.4	168.1	145.5	333.5	720.4	622.7	668-3	5962.6
	35.3	24.2	43.8	80.5	54.9	37.4	9.3	7.7	17.6	36.0	32.8	37.1	397.5
	67.7	41.7	155.7	109.1	92.6	4.96	41.5	47.0	62.1	88.7	87.9	96.3	562.
	10.3	10.1	8.1	8.7	22.4	2.7	0	0.0	0.0	0.0	0.0	ж 4.	288.

Monthly Total Precinitation at Filbaci Met. Tahle A-7-17

		T 7 W DIGGI	7 . 7	MOULLIN	monthly total		riecipitation	at Ellest	א ומכיבי	TWO CENT OF THE PROPERTY.		101111111111111111111111111111111111111	(III)	
	YEAR	JAN	n m m	MAR	APR	MAY	אַסר	JUL	AUG	S G	TOO	NON	DEC	TOTAL
	1965	 	17.6	0.65	70.7	37.7	25.1	7.8	0.0	** 55.6	** ****	** ******	***	****
			* ***	* *******	****	18.8	31.5	5.1	12.5	10.7	4.2	18.2	51.4	***
	1961	26.9	16.3	31.4	32.7	42.6	30.7	4.0	n.0	5.9	22.3	51.7	49.3	310.5
٠	1968	62.2	31.0	43.6	4.9	41.2	26.7	0.0	6.5	45.0	42.4	28.8	26.9	362.2
	1969	17.6	58.1	53.7	44.0	67.1	28.3	10.9	0.7	3.4	5.6	29.8	65.3	384.5
	1970	19.6	20.9	22.4	16.7	42.5	34.4	42.8	0.0	8.7	43.6	23.0	16.9	291.7
	1971	13.0	13.0	22.6	69.1	19.9	64.0	0.0	2.4	21.7	8.3	16.8	37.6	288.4
-	1972	18.5	25.8	6.7	52.2	51.9	102.6	14.6	8.9	52.9	38.4	11.0	2.1	383.5
	1973	12.7	20.8	20.3	67.5	75,9	39.6	15.0	0.0	0.0	4.9	15.7	26.4	306.3
	1974	16.2	8.0	36.7	61.2	7.6	22.8	0.0	0.0	26.5	30.7	19.4	23.9	258.0
	1975	41.1	17.9	20.5	126.9	61.0	31.5	0.0	0.0	0.0	9.6	33.2	56.6	397.3
	1976	45.5	24.1	8.4	68.2	123.6	18.2	0.0	¥.¥	45.8	53.2	(Q) Fri	21.0	411.6
	1977	18.8	23.0	44.8	4.79	108.3	17.9	16.1	0.0	27.4	28.1	9.4	34.2	3.00.6
	1978	101.9	29,3	28.1	66.7	23.2	. 6	0	0.0	2.09	43.1	0.0	44.7	404-2
	1979	58.3	41.0	23.4	42.7	55.9	66.3	30.6	φ. 13	0 M	22.7	55.2	23.5	428.5
	1980	69.2	27.1	83.9	44.1	81.2	35.3	2.6	0.0	8.1	20.4	33.1	41.4	4.6.4
	1981	21.7	30.1	74.4	23.3	82.0	34.9	30.4	0.0	10.4	31.1	36.4	60-2	434.9
-	1982	33.2	23.0	40.4	50.2	46.8	30.0	20.4	ν. υ	31.3	20.2	13.8	31.6	346.9
٠	1983	23.6	22.6	18.1	73.6	24.5	30.9	0.0	0.0	7.9	51.6	79.3	27.2	359.3
	1984	17.7	23.6	35.9	73.4	28.0	6.1	15.5	0.0	0.0	6.2	16.8	41.5	264.8
	1985	27.7	45.1	21.3	44.2	15.4	ਜ ਦ ਦ	0	2.7	9.0	4.09	16.8	28.5	273.8
	1986	23.6	43,8	9.6	38.2	82.5	65.7	0.0	0.0	9.6	13.8	54.0	45.2	386.0
					i				. :	•				
	TOTAL	680.1	562.1	209.6	1137.9	1137.6	760.8	212.2	46.7	589.1	0.400	7. 4.		4-62-7
	MEAN	32.4	26.8	33.8	54.2	51.7	34.6	9.6	2.1	17.7	26.9	26.6	36.2	356.5
	. WAX	101.9	20 1	833	126.9	123.6	102.6	42.8	12.5	2.09	4.09	79.3	65.3	4.644
) 	 		: :			!	. 					
	Z H	1. I.	0.8	6 + 7	4.9	7.6	6.1	0.0	0.0	0.0	4.2	0.0	2	258.0

	Table	Table A-2-18	Mont	hly Total	Preci	Monthly Total Precipitation		at Pazaroren	Meteorological	logical	Station	(unit:	(man
YEAR	JAÑ	7. E3	MAR.	APR	MAY	N OC	707	AUG	Q 3S	500	NOV	DEC	TOTAL
1964	10.9	32.9	58.4	7.3	61.8	64.5	0	0.0	23.2	6.0	31.4	50.5	341.8
1965	15.3	33.1	83.8	77.6	39.7	38.0	18.0	0.0	9.1	41.3	32.6	54.5	6.63.0
1966	54.1	10.8	25.5	57.4	22.7	23.1	8.1	52.5	8,8	2.7	20.3	77.1	361.4
1967	31.8	23.3	30.9	42.5	98.2	47.0	32.4	B. 2	4,5	27.8	89.8	39.2	470.6
1968	51.2	32.4	24.1	7.8	88.9	34.6	0	ю ю	27.9	35.1	36.1	35.7	382.1
1969	21.4	68.1	54.1	41.4	81.1	61.4	7.2	. 0.0	27.1	10.4	32.1	49.1	453.4
1970	23.4	35.5	54.5	18.9	35.3	30.9	13.7	4.0	10.5	63.7	30.8	28.3	320.4
1791	15.2	16.6	32.1	58.3	34.4	65.8		72.5	0.0	15.4	25.9	53.8	391.6
1972	15.5	20,7	12.4	76.8	99.2	191.6	13.8	4,2	27.7	39.7	60.00	5,9	516.3
1973	20.7	17.5	37.5	93.1	112.1	42.7	0.0	0.0	7.1	4.4	13.1	38.5	385.3
1974	18.1	14.9	49.6	114.9	29.7	16.8	0.0	6.1	30.1	27.7	44.1	31.9	383.9
1975	36.2	25.4	26.5	132,5	2.06	101.9	0.0	6	0.0	5,5	28.7	61.0	510.7
1976	36.1	21.7	6.8	108.8	77.8	30.7	4.3	6.9	4.5.8	65.1	4.0	21.8	430.0
1977	20.7	23.9	59.2	75.8	75.4	15.1	0.0	0.0	22.5	32.1	4.7	35,3	364.7
1978	103.5	41.8	33.4	9.69	23.2	7.7	0.0	0.0	7.1.5	44.8	ю. 8	47.5	421.0
1979	61.2	32.0	27.5	52.9	50.1	40.4	12.8	4.6	80	30.8	44.8	54.6	391.2
1980	51.0	12.9	63.2	94.9	92.1	24.1	8	1.6	13.3	20.6	41.1	22.7	379.8
1931	27.8	32.2	73.6	21.3	111.9	0.04	9.1	0.0	15,3	37.8	38.8	51.1	458.9
1982	36.1	18.8	36.4	6256	58.7	42.8	56.9	2.6	44.3	21,5	17.2	36.6	437.8
1983	21.6	21.7	26.7	87.6	55.5	51.6	2	3.9	12.2	58.2	98.6	18.9	458.6
1984	18.1	20.1	55.7	89.1	41.7	1.7.	4,4	14.8	0.0	6.8	25.0	32.7	310.0
1985	19.4	38.5	29.6	42.0	50.7	28.8	80	0.0	0.0	79.2	21.9	25.9	344.2
1986	27.5	38.8	11.2	33.2	98.7	69.8	0.0	0.0	4	9.5	53.6	37.3	383.5
TOTAL	736.8	633.6	882.4	1442.4	1529.6	1071.0	165.0	185.8	387.7	4.089	745.6	879.9	9340.2
MEAN	32.0	27.5	38.4	62.7	56.5	46.6	7.2	8.1	16.9	29.6	32.4	38.3	406.1
XAM	103.5	68.1	83.8	132.5	112.1	191.6	32.4	72.5	47.2	79.2	98.6	77.1	516.3
Z H	10.9	10.8	6.8	7.3	22.7	1.7	0,0	0.0	0.0	6.0	8.2	5,9	310.0

Table A-2-19 Monthly Total Precipitation at Pinarbasi Meteorological Station (unit: mm)

																				-					-																		
TOTAL	****	502.4	353.4	379.7	372.8	316.3	306.4	360.1	502.5	394.5	436.3	324.2	444.9	515.6	n	# M CM M	7.7.5	481.8	565.5	392.9	400.7	471.2	421.2	466.8	526.9	459.4	0.00	7000	0 0 0 0 V	0 H	1 0 0 0 0	0-944	267.1	311.7	351.2		15533.3	431.5	572.0		267.1		
о В	28.8	34.1	22.23	15.3	33.8	48.9	33.6	31.5	51.4	6.0	20.0	41.7	136.6	N 0	F 60	9.40 9.40	K) 40	62.0	98.8	35.4	51.7	12.2	43.8	41.2	4.49	42.7	, c	N N	0 0	1 11	4 0	0.00	19.0	29.0	36.1		1639.4	44.3	138.6		6.0		
X00	34.6	36.1	67.9	36.7	12.6	31.0	15.1	37.4	4.0	30.2	26.6	36.0	19.6	4.0	4.4.4	0.40	88.00	35.4	26.6	24.4	34.1	17.2	30.7	42.6	20.8	ผู้เ		2 0	7.07			φ. 	10.8	32.7	44.4		1213.1	32.8	94.5		0.0		
9CT	27,5	79.9	8	17.6	1.4	24.5	11.8	15 15	12.4	31.6	19.0	1 . 6	19.4	22.5	1 . 4 .	2 0	1 0	28.7	21.6	52.3	18.6	34.9	15.3	6) 6) 6)	7 5	55.7	22.0	14/1/		1 0	4 4 4 4 4 4 4	71.0	7.5	8.02	5.4		917.6	26.4	6.62		8.0		
SEP	1.7	13.7	6.3	31.3	6.9	2.2	10.4	11.4	5.6	12.8	7.4	56.9	0.0	9.50	1 (V . T V	1 6	24.4	25.0	15.6	7.7	26.3	6.7	30.0	0.0	8 i			6.00) + V V	, k	, 6	0	0.0	15.1		599.4	16.2	56.9		0.0	•	
AUG.	W.7	r, ra	0.0	1.1	0.0	ຜ	<i>1</i> , 1	0.0	43.6	2.1	0.0	0.	18,0	0 0	9 6	7. 4.	1 60	м «М	, td	2.7	51.0	10.0	0.0	18.7	33.4	0) ·	9 1	. 0	, ,	9 0	9 0	, ty	5.1	3.6		341.0	9.5	51.0		0.0		
י אמר	0,6	12.5	13.4	0.0	7.1	0.0	5.3	1.2	4.4	34.2	12.8	0.0	0.0	42.9	y c	9 4	7 6	0.0	4 . 4	17.6	0.2	13.0	2.5	0.0	0.0	N ·	4 4		0 0	0 0	y 0		18.9	4.1	0.0		268.6	W. 7	45.9	!	0.0		
NUV.	19.1	120.9	51.6	58.8	23.9	12.9	5.7	55.8	88.v	62.3	29.5	27.2	20.7	9.0	, , , , , , , , , , , , , , , , , , ,	1 1	, c,	, ti	83.1	35.8	74.5	136.9	29.9	11.5	60.2	31.4		1.7	000		1.70 K 7.7	, n	200	27.4	43.0		1660.0	6.44	136.9		3.6		
MAY	130.5	68.6	67.3	50.4	67.6	65.B	37.9	72.4	68.5	59.4	34.2	52.7	69.7	4.5	4 6 0 4	0 0	0 00	44.6	60.6	50.8	30.2	94.1	97.1	35.9	95.8	102.7	9.00	10.00		7 7 7 0	0 1	87.7	0.00	17.5	106.7		2442.1	0.99	138.5		17.5		
APR	*	46.7	20.7	46.1	87.7	37.9	11.6	57.3	89.5	31.9	117.3	9.6	29.6	46.9	0 10	, 0	37.6	18.7	55.4	19.9	56.8	70.5	77.4	143.8	138.8	81.8	2	000	. 00 %	, t o	ים המי	67.0	60.5	42.7	31.4		2069.3	57.5	143.8		9.6		
MAR	*****	42.1	47.2	27.3	35.2	39.0	40.1	26.9	82.5	24.3	52.9	38.7	52.7	ν. υ. ο	, ,	40.4	0.00	64.0	50.7	3.6.2	49.1	14.3	52.4	60.7	37.4	11.4	0 0	, , , , , , , , , , , , , , , , , , ,	. a	0 0	א לי	0.00	64.7	22.3	7.8		1696.2	47.1	90.8		7.8		
л П Ф	*	10.9	N N	72.4	41.3	29.8	109.2	0.8 0.0	22.6	41.6	52.9	11.6	61.9	10 to) d	0 0	36.6	42.2	5.66	68.5	11.9	21.8	33.6	01 01 01	34.3	22.7	4 6	000	2 9	2.70	t - 4	9.00	1 1 1	N	C/L		1419.6	39.4	109.2	1	9.6		
C AN	*	31.4	17.8	22.7	55.3	15,8	25.0	12.9	32.5	58.1	69.7	39.2	14.7	9.50	4 .	1 6	64.2	106.0	31.4	33.7	14.9	20.0	28.8	21.9	87 . E	60.8	9 6	7. C	, , ,	4 4	t 4	20.00	7.6	17.2	54.9	-	1463.9	40.7	123.9		4.6		
YEAR	1950 **	1951	1952	1903	1954	1955	1956	1957	OD Vi	ው የ የ የ የ የ የ	1960	1961	1965	1967	1000	1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	27.0	6 6 6 6	0 0	1 () 5 () 5 ()	9 60	1984	1985	1986		TOTAL	MEAN	×	:	MIN		

	TOTAL	547.9	628.7	7.017	621.4	622.7	567.7	3699.1	616.5	710.7	547.9
	DEC	0.89	95.8	29.3	63.5	92.4	ъ. ъ.	452.9	75.5	129.3	9.9
stat 1on	NOV							410.5	4.89	110.2	34.0
10g1ca1	DCT	32.8	40.2	31.4	83.0	22.1	43.4	252.9	42.1	83.0	22,1
Meteoro	SEP	4.4	57.6	36.8	11.3	5.5	19.6	134.8	22.5	57.6	4.4
Monthly lotal Frecipitation at lediciuk Meteorological Station (unit:	AUG	φ	12.4	5,0	2.3	45.2	39,5	113.7		45.2	8. 8.
on at I	Jur	28.0	0.1	4:4	81.5	4.6	10.4	129.9	21.6	81.5	0.1
ıpırarı	าดท	4.0%	52.9	4.68	22.1	71.4	116.2	371.4	61.9	116.2	22.1
at rrec	MAY	เ พ.	65.1	127.3	50.5	57.9	105.3	459.2	76.5	127.3	50.5
сику тог	APR	61.6	34.6	70.6	39.9	130.2	128.7	465.6	77.6	130.2	34.6
nog nog	MAR	9.	\$2.0	87.4	82.0	49.7	23.0	384.0	64.0	4.66	23.0
Table A-2-20	រក ភា សូ	28.2	39.2	72.5	36.6	45.2	23.1	294.8	49.1	36.6	23.1
12016	NAU	77.1	58.6	37.0	25.1	11.0	20.6	229.4	38.2	77.1	11.0
	YEAR	1967	1968	1969	1970	1971	1972	TOTAL	MEAN	ΑΑΧ	N I W

	Table	Table A-2-21	Mon	Monthly Total Precipitation	al Prec	ipitati	ц †)	Kaynar Meteorological	teorolo		Station	(unit: #	(mm
YEAR	NAU	8 8	MAR	Apa	MAY	NO P	יחר	AUG	SEP	0cT	NON	DEC	TOTAL
1965	11.	м. М.	34,2	47.2	24.7	53.4	13.7	0:0	23.1	4.84	5. 7. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	2.04	356.8
1965	30.08	4.0	19.16	20.3	35.9	19.1	32.3	19.1	31.2	5.7	20 10 10 10 10 10 10 10	4.9 W	300.9
1968	27.9	13.1	37.1	10.4	82.2	28.4	0.0	19.9	11.8	19.2	29.1	32.1	311.2
1969	20.2	38.0	39,5	49.7	38.2	45.6	3.4	0 0	4.4	12.0	20.7	53.5	324.2
1970	9.6	10.4	30.7	70.3	23.1	18-11	41.5	0.40	א מי	5,14 5,44	4.4.	15.8 2.8	3,555
1972	15.6	6.2	4.6	74.0	89.2	103.2	6.1	9	19.4	35.4	8.6	4.7	379.5
1973	5.5	15.2	24.6	47.2	61.7	21.4	4.4	0.0	7.0	12.7	16.8	28.3	247.8
1974	15.4	6.1	45.4	76.7	30.6	6	0.0	8.9	28.2	36.9	34.6	29.2	318,3
1975	4.5.4	22.2	0.4.0 0.1.0	141.7	4.62	32.5	4.6	6.0	0 0	32.2	20.5	58.8	469.4
1977	10.9	24 50 10 10 10 10	7. O.	4.59	4.9.4	1.4.4 7.4.4	2.0	9 0	18.4	25.0	9 0	7.02	450.00
1978	76.1	, 10 10 10 10) H	. o.	23.0	15.7	10.	0.0	51.7	K. W.	. 4	47.4	384.4
1979	50.3	50.0	30,4	45.7	74.2	70.3	33.8	10.5	2,8	54.9	45.6	17.9	456.4
1980	46.7	7.7	52.0	34.4	125.0	11.3	0.0	2.8	1.6	19.3	33.8	22.6	357.2
1981	18.6	16.0	88.7	18.0	86.2	58.1	~ `	0 0	14.8	37.1	41.8	66.99	4.7.6
1982	20.9	40.0	19.1	0.0	n 0.	0.0	0 0	. 0	, O	0.0	0.0	4.0	31.5
TOTAL	531.5	385.5	620.8	922.5	9.766	665.5	186.6	164.6	262.1	502.6	490.1	644.4	6370.8
MEAN	28.0	20.3	32.7	48.6	52.3	35.0	8.6	8.7	13.8	26.5	25.8	33.9	335
> 5	74.1	0	a C	141.7	e G	, ,	,	* 44		0	ני ט	0.44	7 077
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NHK	7.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5
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5581.5 5681.5 8709.8 435.5 584.9 288.5 Monthly Total Precipitation at M. Basoren Meteorological Station (unit: mm) 528.6 DEC 448401841 848 8498 40884400444 00 868 414410014148049671110 135.7 710.3 35.8 ò 30.3 78.5 100 556.1 17.8 61.2 0.0 SEP 102.8 Ŋ AUG 216.6 10.8 30,2 Ę 926.4 66.3 150.7 2 2 2 3 76.8 536.5 181.0 ¥Χ 1268.8 63.4 130.9 15.2 APR MAR 44.1 102.3 382.1 Table A-2-22 7.707 35.4 FEB 79.3 767.9 38.4 JAN MEAN YEAR FOTAL ΑΑ×

Monthly Total Precipitation at Orensehir Meteorological Station (unit: mm) Table A-2-24

	Table	Table A-2-24	MON	thly To	tal Pre	cipitati	on at	Monthly Total Precipitation at Orensehir	r Meteoi	Meteorological Station (unit:	Static	on (unit:	(B)
YEAR	JAN	FEB	MAR	APR	₩.	NUE	JUL	AUG	SEP	ocr	NOV	DEC	TOTAL
1964	0.6	48.4	50.7	21.8	39	45.6	0.0	0.0	21.1	0.0	29.4	9.94	311.7
1965	15.9	38.3	41.6	59.7	26.7	51.7	7.3	0.0	19.3	45.4	40.7	72.1	418.5
1966	37.5	18.8	19.8	28.7	16.5	16.8	6.7	23.9	23.5	16.9	18.0	52.9	274.0
1961	6.47	22.1	24.7	24.3	33.4	59.5	10.3	N. 6	16.1	34.5	50.5	47.59	389.3
1968	81.3	21.9	50.5	34.4	121.7	36.5	0.0	27.0	25.4	56.1	W. W.	30.9	519.0
1969	37.2	59.5	47.7	54.5	73.8	44.2	6.2	0.0	4.1	12.1	22.7	72.4	7.757
1970	20.7	32.6	30.2	38.1	32.7	32.5	7.5	1,3	5.0	57.4	37.7	H 0.04	315.9
1971	7.8	15.7	46.3	59.2	39.4	55.6	17.1	52.5	Ŋ	15.3	24.3	36.5	374.0
1972	13.3	14.5	15.8	78.4	67.7	103.6	13.5	31.9	24.7	19.7	4.61	2.9	408.7
1973	13.2	27.1	32,1	57.4	39.6	26.6	ς. Ω.	0.0	12.5	14.0	37.4	30.3	289.4
1974	15.4	6.7	34.6	84.8	25.9	6.6	0.0	10.5	24.5	24.9	45.1	30.4	314.7
1975	34.3	22.8	33,3	105.2	62.9	46.6	23	6.5	1.1	4.9	23.7	6.67	393.4
1976	44.5	25.1	8,7	76.3	63.7	8,3	1.0	5.8	35.4	49.8	4:4	30.9	351.9
1977	10.9	33.5	63.8	72.8	71.2	20.9	9.9	0.0	22.9	23.9	10.6	34.7	371.8
1978	80.08	22,6	35.6	0.09	16.9	19.4	0.0	0.0	53.7	34.4	6.0	45.4	339.7
1979	44.5	46.6	41.8	34.7	49.6	57.8	7.	15.6	3.2	27.4	29.3	14.9	374.7
1980	49.1	6.3	58.2	38.6	114.7	20.1	8	1.7	8	23.2	45.4	19.8	386.7
1981	13.3	17.0	68.9	16.7	143.1	24.7	15.2	0.0	13.9	40.1	2.65	1.8.1	4.60.7
1982	58.S	19.1	21,3	40.6	35.3	27.5	51.6	0.0	2.7	12.9	10.2	34.5	319.1
1983	11.1	18.3	15.7	68.2	78.1	36.1	3,5	1.7	0.0	2.96	92.5	7.9	429.7
1984	17.9	10.8	38.4	88.1	50.1	9.9	17.6	4.6	0.0	4.9	15-1	13	266.6
1985	24.1	33.5	20.3	6.0.2	15.8	26.7	0.0	4.2	2.5	55.8	30.5	35.3	288.9
1986	39.9	34.5	0.0	20.3	110.6	18.6	0.0	4.5	20.1	9,5	39.3	38.7	336.0
OTAL.	. 1.269	2.665	800.0	1203.0	1328,5	795.8	173.8	197.3	345.7	679.2	712.1	638.6	8368.8
MEAN	30.2	26.1	34.8	52.3	57.8	34.6	7.6	9.8	15.0	29.5	31.0	36.5	363.9
MAX	81.3	59.5	68.9	105.2	143.1	103.6	51.6	52.5	53.7	96.2	92.5	72.4	519.0
Σ	7.8	ю.	0.0	16.7	15.8	6.6	0.0	0.0	0.0	0.0	6.0	6.9	266.6
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Monthly Total Precipitation at Uzunpinar Meteorological Station (unit: mm) Table A-2-25

TOTAL		****	283.5	331.6	343.6	894.5	355.0	441.4	377.6	456.5	465.2	452.6	314.7	****	365.1	228.0	355.1	280.3	295.3	281.5	213.2	366.1	307.8	414.7	546.9	346.4	207.0	161.0	318.0	9102.6	350.1	894.5	161.0
DEC	•	7.3	33.0	9.09	85.1	1.9	47.0	78.0	67.1	58.7	27.6	70.5	32.9	42.0	ri M	19.3	23.6	18.3	4.0	19.2	17.3	19.8	6.1	23.6	14.9	0.0	10.5	14.5	17.0	832.3	29.7	85.1	1.9
NOV		12.3	28.1	29.7	20.3	8.5	5.44	42.7	27.0	53.0	43.7	27.9	32.1	37.4	9.1	18.4	51.8	6.5	6.4	4.5	0.0	30.5	34.5	23.5	3.0	50.0	20.0	16.0	41.5	751.2	26.8	59.7	0.0
00.7		13.5	7.1	12.8	32.2	32.7	0.0	56.5	15.9	36.0	23,5	26.7	57.4	*****	18.5	15.4	21.4	3.9	59.8	15.5	34.2	31.0	14.5	29.5	12.5	82.0	0.0	33.0	33.5	718.0	26.6	82.0	0.0
SEP		6.5	2.0	43.4	6.0	41.0	ę.	20.2	28.7	6.2	51.1	9.3	4.0	* 9.4	17.9	7.5	72.5	0.0	23.3	10.0	38.5	ν. υ.	ស	15.0	6.5	0.5	0.0	0°n	11.0	444.1	15.9	72.5	0.0
AUG		0.0	0.0	2.7	4.9	0.0	0.0	0.0	25.1	2.5	12.6	0.0	3.0	30.0	12.0	0.0	31.0	12.5	0.0	1.8	0.0	38.6	9.0	0.0	0.8	0.0	4.5	5	5.5	196.0	7.0	38.6	0.0
JUL		0.0	0.5	0.0	0.0	34.0	0.0	0.8	0.0	21.5	0.0	7.4	16.7	2.5	4.6	0.2	0.0	1.5	0.0	0.0	0.0	ıų v	9.9	72.0	52,3	4.5	36.0	1.0	0.0	280.0	10.0	72.0	0.0
NO S		27.8	9.0	37.5	12.2	47.5	75.5	32.6	31.3	51.6	45.4	42.1	30.9	42.5	107.6	7.3	2.8	41.0	21.4	27.3	39.5	73.7	14.0	40.5	33.5	38. 19	9.0	11.5	68.5	1013.0	36.2	107.6	2.8
ΜΑΥ		***	14.5	6.9	71.1	78.6	54.9	23.5	20.5	90.0	101.6	57.9	33.2	32.0	81.1	57.3	18.9	49.7	73.8	40.7	13.0	50.1	108.0	132.0	37.5	73.5	48.5	23.0	103.0	1514.8	56.1	132.0	6.9
4		* ****	97.0	19.8	13.2	29.6	13.5	80.0	45.0	38.6	15.7	64.1	17.8	61.5	0.69	45.0	85.0	109.1	49.4	4.99	39.3	30.0	21.6	11.5	37.1	61.5	48.5	24.5	13.0	1186.3	63.9	109.1	11.5
MAR		* ******	22.4	32.0	52.1	511.8	7.69	42.9	39.9	19.8	44.1	59.4	35.0	48.7	16.4	23.3	31.5	10.3	8.9	35.5	14.9	16.4	66.2	41.1	10.7	10.5	18.5	2.0	0.0	1286.8	47.7	511.8	0.0
7. E3		* ***	34.1	25.8	43.2	35.2	38.2	58.3	10.6	27.4	29.0	60.7	36.3	17.2	7 5	22.8	3.0	12.0	16.9	90.9	6.7	25.5	5.6	10.2	10.4	15.5	6.5	18.5	14.0	624.0	23.1	2.09	3.0
NAC		斧 计计算计算计算	35.8	30.4	11.4	73.7	2.7	18.2	66.5	51.2	73.9	26.4	15.4	3.2	18.3	11.5	13.6	15.5	26.6	6.6	7.8	39.5	24.4	15.8	21.3	10.9	9.0	M N	10.0	650.2	24.1	73.9	2.7
YEAR			1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	TOTAL	MEAN	MAX	MH

Monthly Total Precipitation at Ortaca Meteorological Station (unit: mm) Table A-2-26

	TOTAL	****	119.0	1083.1	768.8	1224.7	****	1145.7	2013.2	7354.5	1225.7	2013.2	768.8	
Ê		***	-	**		.7	*	,-1	**		••	**		
(au 1 c :	DEC	456.9	421.5	51.7	135.0	191.8	****	110.3	360.7	1727.9	246.8	456.9	51.7	
monthly lotal riecipication at Ortaca Meteorological Station (unit:	NOV	12 22 89	19.8	12.1	154.7	89.2	*****	186.8	343.4	858.8	122.7	343.4	12.1	
10g1ca1	001	69.1	53.3	13.2	0.0			98.1	91.4	391.5	48.9	98.1	0.0	
Mereoro	SEP	26.4	ы 64	56.9	21.4	0.5	45.9	35.6	78.2	266.1	33.33 53.53	78.2	0.5	
ortaca 1	AUG	13.3	36.5	0.0	17.1	19.3	0.2	12.8	22.0	121.2	15.1	36.5	0.0	
lon at	ากเ	***	0.0	110.1	12.6	0.0	9.0	21.2	0.0	144.5	20.6	110.1	0.0	
cıpıcar	Nor	53.53	3.0	75.9	0.09	30.7	31.0	27.6	77.2	358.6	44.8	77.2	9.0	
מי גוב	MAY	40.6	124.8	121.9	121.6	175.9	57.5	88.4	269.5	1000.2	125.0	269.5	40.6	
TENTA TO	APR	26,3	79.9	138.2	17.4	152.1	56.5	144.2	15.0	629.6	78.7	152.1	15.0	
	MAR	55.8	48.8	95.5	153,3	140.9	136.8	240.4	291.7	1163.2	145.4	291.7	8.87	
Lable A-2-20	ብ: ጨ	282.5	238.1	174.3	59.3	225.7	47.1	86.1	85.5	1199.0	149.9	282.5	47.1	
Tapt	NAU	57.5	92,1	233,3	16.4	146.3	49.1	8.46	378.2	1067.1	133.4	378.2	16.4	
	YEAR	1961	1962	1963	1964	1965	1966	1967	1968	TOTAL	MEAN	Α X		

Monthly Total Precinitation at Ka Table A-2-27

	Table	Table A-2-2/	log:	monthly lotal	oral Pro	Frecipitation	lon at	Karsanti Meteorological	1 Meteo	rotogice	il Station	on (unit:	mm
YEAR	JAN	F E B	MAR	A	MAY	NOC	JUL	AUG	SEP	001	NON	DEC	TOTAL
1960	155.1	62.6	165.8	160.3	53.6	7.0	8		5	7.4		75.4	7.187
1961	97.8	364.8	60.8	62.4	53.3	3.7	0.0		56.5	79.9		494.6	1299.3
1962	131.4	242.5	58.8	67.0	92.9	0.0			1.9	48.6		370.4	1028.1
1963	259.6	146.7	68.5	113.5	144.1	0.69			22.1	4.9		72.7	953.7
1964	10.0	160.4	146.2	4.5	127.3	76.2			39.0	0.0		113.7	953.1
1965	186.0	266.0	125.4	122.7	75.3	27.3			0.0	41.5		176.2	1154.6
1966	635.3	37.5	83.9	60.3	73.5	13.7	1.0	15.3	41.0	18.5	78.1	330.5	1388.6
1967	95.0	81.9	229.7	63.3	83.3	5.6			33.0	90.8		104.3	947.8
1968	339.1	84.8	151.5	8.6	152.1	42.4			43.4	47.0		374.2	1621,5
1969	222.3	131.8	157.7	86.0	79.2	17.9			0.7	47.3		309.7	1150.3
1970	126.4	175.2	126.1	23.9	91.4	12.1			14.6	193.3		51.0	7.766
1971	29.5	169.7	141.0	234.4	24.5	33.1			7.4	13° £1		112.5	963.6
1972	51.8	158.1	9.99	186.1	76.2	71.4			32.2	58.0		0.0	825.7
1973	37.6	115.1	89.7	93.3	38.2	22.5			13.2	28.2		108.0	613.7
1974	103.4	91.5	119.7	44.9	21.5	11.3			37.4	119.7		374.1	1012.6
1975	149.8	136.6	66.3	279.8	67.5	39.2			5.5	0.0		121.5	961.6
1976	196.1	86.8	35.2	133.7	116.2	***	***	**	******	****	*	***	********
	** *******	** ********	*********	2. 法农长师外银托师	****	****	****	**	***	******	***	160.7	**********
1978	328.8	197.5	158.9	129.6	12.1	12.3	0.0	*	***	美法男务公务务务	****	****	***
1979	214.4	29.4	53.3	111.8	68.9	121.0	46.7	2.9	7.9		152.6	237.4	1083.6
1980	** *****	(分 米米安林作长美贵	*********	*****	173.9	0.0	2.5		10.1		139.5	207.6	*****
1981	774.2	181.6	64.2	4.6	102.9	33.0	17.5		1.6	28.9	110.9	2.667	1823,8
1982	38,7	36.1	124.0	93.2	****	***	0.0		13.2		0.8	75.8	****
TOTAL	4182.3	2956.6	2293.3	2094.0	1727.9	618.7	231.0	250.0	386.2	953.7	2100.9	4369.6	19563,7
MEAN	199.2	140.8	109.2	2.66	82.3	9.00	11.0	12.5	19.3	47.7	105.0	208.1	1086,9
HAX	774.2	364.8	229.7	279.8	173.9	121.0	46.7	49.7	56.5	193.3	348.2	499.3	1823,8
N H N	10.0	29.4	35.2	8.6	12.1	0.0	0.0	0.0	0.0	0.0	0	0*0	613.7

Monthly Total Precipitation at Ergenusagi Meteorological Station (unit: mm) Table A-2-28

NOV DEC TOTAL	24.7	229.7 113.3 580.2 107.0 215.1 1311.9	413.1	135,1	358.0	242.5	33.8	91.4	1、1、 林典妙传天兴兴 特殊的法特殊关系	1282.1 1617.0 10122.9	128.2 179.7 1124.8	233.4 413.1 1615.7	4.6 14.7 580.2
Local	15.6	93.6	5.0	62.3	46.9	38.6	4.99	16.3	15.3	330.0	33.0	7.99	0.0
SEP	86.7	23.4	49.5	50.2	176.8	4 6	26.9	o n	14.1	441.7	44.2	176.8	1.7
AUG	0.0	ຫ ດ ຫ ດ	4.44	0.0	30.2	w v	0.0	46.4	5.2	138.5	13.8	4.94	0.0
JUL	29.51	000	2.2	0.0	0.0	0.0	73.1	4.9	9.0	113.2	11.3	73.1	0.0
NOC	180.8	31.1	43.0	47.0	7.4.7	20.2	6.6	6.3	17.5	453.8	4.5.4	180.8	6.3
MAY	132.6	114.7	34.4	89.6	108.5	69.8	19.9	9.5	10.5	717.7	71.8	132.6	9.5
A P R	295.0	152.5	4.09	131,3	17.2	94.1	24.1	161.6	35.0	6.966	2.66	295.0	17.2
MAR	201.8	204.7	111.4	249.8	128.2	159.7	73.5	175.4	26.3	1347.1	134.7	8.672	16.3
ញ មរ ៤	285.0	233.1	56.2	83.7	87.8	110.4	124.2	162.4	120.8	1284.3	128.4	285.0	20.7
JAN	369.4	174.6	566.4	106.6	210,1	114.3	0 0 0	24.0	23.7	1679.0	167.9	566.4	4.9
YEAR	5964 5963	1965	1966	1967	1968	1969	1970	1971	1972	TOTAL	MEAN	MAX	ZH X

Table A-2-29 Monthly Total Precipitation at Mansurlu Meteorological Station (unit: mm)

	74016	rante o 7 7	200		101	3 1 1 1 T	3 1011	71411	NT 7770	7	105111	7071010		(mm)
:			I	<u>4</u> -	•	: :	ir Fes						i e e e e e e e e e e e e e e e e e e e	
YEAR	NAC		MAR	APR	MAY	ar.	C NI	UL :: .	AUG : .	SEP) oct*	NOV	DEC ST	TOTAL
 	5 5 5					1		:		; ;;	13	1	11 (A)	
1964	0	78.9	118.5	0.0	51.0	20.		0.0	0.0	17.4	0.0	230.0	85.0	602.8
1965	112.6	142:3	62.2	126.0	57.3	15.		0.	10.0	0	35.33	0.89	195.3	820.1
1966	590.2	60.1	223.8	40.7	24.5	7		0	17.7	0.97	11.0 *	****	278.7 **	*****
1967	100.5	74.2	133.4	74.3	106.9	20	Δ. 4	0.0	0.0	8 7	41.5	103.1	104.3	767.1
1968	260.3	94.1	148.1	21.3	57.9	39.0		0.0	32.0	63.1	41.4	203.3	239.5	1200.0
1969	162.5	111.8	141.7	113.2	.110.1	14.		0.	28.4	52.1	. 60.B	32.0	232.9	1060.0
1970	127.2	149.0	7146	18.4	20.6	5		9.	0.0	24.5	107.5	134-9	43.2	747.6
1971	30.6	124.8	98.9	201.5	42.9	85	1	0	46.7	6.7	in 6	125.9	79.1	861.4
1972	18.7	115.4	45.4	187.0	1.86	51.		4.	17.0 .:	62.8	82.9	59.4	0.0	7777.7
1973	15.6	115.8	91.3	131.5	72.0	73	•	•••	0.0	19.8	26.8	62.6	9.66	723.0
765	94.5	59.2	132.8	86.4	66.3	17.		0.	74.2	30.2	92.6	5.99	250.8	8.576
1975	120.4	26.5	643	344,1	.138.4	29	:	'n	.8.9	27.5	9.0	110.9	113.8	1039.7
1976	803.6	102.7	79.2	140.3	110.6	6		1.1	36.0	29.0	92.7	176.0	200.4	1195.6
1977	121.6	6.96	108.5	203.6	79.0	18		0	0.0	35.3	22.4	r,	150.3	905.2
1978	225.0	169.3	183.0	141.9	17.9	•		•	0.0	10.0	209.5	0.0	143.9	1100.5
1979	257.4	72.3	10.9	144.9	34.0	71.		2.5	10.2	0.0	72.0	167.5	152.8	1040.0
1980	221 2	129.4	297.5	155.8	263.8	6			9.8	10.1	24.5	108.4	164.7	1394.0
1981	5 607	188.3	81.4	32.7	123.1	25		0.0	0.0	0	20.0	91.8	308.6	1279.0
1982	69.5	27.9	96.8	110.5	37.5	34		4,4	15.2	4	84.7	0.0	6.05	576.1
1983	236 8	179.2	154.2	150.4	81.7	15		0	0.0	1.4	71.5	119.1	161.5	1168.7
1984	233-1	100.7	94.1	187.7	14.4	49		3.4	2.4	0.0	0.0	82.5	87.4	869.7
1985	168.2	120.3	126.0		105.9	11.		0.0	0.0	0	167.9	104.1	39.4	919.2
TOTAL	3781.0	2389.1	2560.6	2679.5	1742.6	4.999		6	306.4	461.9	1281.2	2051.9	3172.1	20023.2
MEAN	171.9	108.6	116.4	121.8	79.2	30.3	.3 10.4	*	13.6	21.0	58.2	41.7	144.2	953.5
MAX	590.2	188.3	297.5	344.1	263.8	91.6	٠.	64.0	74.2	63.1	209.5	230.0	308.6	1394.0
NHW.	2.0	27.9	10.9	0.0	14.4	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	576.1

~	TOTAL	计算机 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	817.8	603.9	1118.7	2,707	M - O - M - C	786.9	827.9	948.4	1139.6	1059.6	1200.4	1091.8	6.767	0.046	4.04.0	0.648	837.8	843.6	*********	******	672.3	****	1248.4	· · · · · · · · · · · · · · · · · · ·	920.0	765.8	717.3	597.8	9.769	854.2	868.2	1155.7	1127.0	1104.8	1224.5	1257.7	635.7	1164.0	772.0	4,178		38230.7	932.5	1342.2	597.8
it: mm	DEC	132.5	φ. φ.	76.5	66.9	4 6	147.5	63.1	24.6	80.2	176.0	139.6	20.5	232.8	72.1	4.07	2000	4.000	0.69	321.8	0.0	***	83.7	182.0	318.5	186.0	233.3	72.7	50.4	0.0	112,9	244.4	111.1	4 10	179.7	149.8	142.1	327.2	67.2	107.8	11 0 24 0 25 7	7.576		6001.1	133.4	327.2	0
ion (un	NON	56.9	184.4	29.1	84.3	9.	425.0	63.4	30.5	37.9	92.6	164.0	125.0	128.2	131.9	52.	0 0	30.02	75.0	34.2	0.0	* ******	160.2	120.0	86.3	100 C	48.9	105.8	36.4	33.7	62.5	50.0	0.64	112.8		138.8	58.9	100.8	6.0	271.3	7.5	2.90	<u>.</u>	3872.5	66.1	325.0	0.0
al Stat	DCT	93.6	111.9	61.1	43.4	9.00	337.0 A0.8	6.0	11.0	107.9	93.6	36.4	7.0	41.3	33.4	25.9		7 - 07	17.6	24:4	0.0	* ****	0	45.1	10.1	0.0	, a	3 60	20.0	59.6	10.0	64.3	15.5	116.6	, , ,	48.9	45.3	33,5	4.88	59.9	15.3	2007		2265.7	50.3	188.3	0
Meteorologica	SEP	22.3	32.8	0.0		٥. ن	v 0	1 6	42.7	24.4	51.4	68.2	28.4	27.1	4. 4.	30.9		10.0		E 25	- 并处外外外	* *****	4.0	0	31.9	14.8	0.00	27.72	13.7	64.1	21.7	61.7	30.6	48.3		24.7	1.7	1.5	22.0	7.7	0 1	, k		1037.3	23.6	77.9	0.0
Meteo	AUG	21.4	4.0	0.0	32.3	4.4	14.2	7.2	0	0.0	0.0	0.0	8,8	5.2	91.5	16.5	9 1	7.4		9.6	* 0.0	* *****	4.2	****	6.0N	计量类类类类:	9.0	000	30.3	27.4	0.0	35.2	19.3	0.63	0 0		7.6	9.0	11.2	8,0	o ·		•	547.1	12.7	81.5	0.0
at Feke	Jur	14.7	0.0	34.1	0.0	0 0	o v	0	96.5	18.3	0.0	6.1	4.2	0.0	0.90 0.0	5.0	•	7. 70	K C	0.0	0.0	88.4.	8,0	*****	4	不 法负款债券并分额	3 6	9.4	7.2	7.5	6 H	0.0	ر د د	17.3	9 6	20.00	0.0	11.3	33.3	0.0	6 07		}	570.1	13.0	9.88	0.0
tation	NUC	0.0	16.2	25.6	4.0.4	31.7	40.4	23.2	1.0	27.0	105.4	55.1	5.56	30.6	22.4	0.0	N F	7.07	26.92	38.6	13.5	65.5	18.4	* ********	29.6	· 并给你有效的是!	, ,	14.6	37.8	32.2	19.3	25.7	£ 6.1	22.1	4.4	9 LA	26.5	27.3	7.4	78.6	14.8	2.6.0	•	1536.3	34.9	105.4	0.0
Precipi	MAY	13.9	6.0	109.4	99.66	24.7	70.1	83.6	8	165.6	64.2	102.7	117.9	70.8	8 9	6.63	1000	114.0	4.64	24.5	93.9	98.3	110.3	* ****	43.B	* **	2 4	9.69	36.2	41.1	7.62	20.9	83.0	116.9	4. v	113.2	180.5	121.7	0.69	55.0	16.0	0.00		3263.1	74.2	180.5	6.0
Total	A 9R	52.9	47.6	88.1	m d	,	87.1	131.3	134.3	180.5	155.3	61.3	130.4	126.9	78.7	24.6	, i	10.0	380.5	13.6	48.2	199.6	13.8	一 持条处理的	62.0	104.9	7	10.10	192.7	150.7	130.9	73.1	242.4	105.5	401	44.4	217.6	35.9	150.7	157.B	197.5	Y 62	9	4849.1	107.8	242.4	13.6
fonthly	MAR	30.9	60.2	ø.	245.7	7.60	75.7	59.3	146.2	147-1	184.5	145.2	131.2	5,00	105.7	96.8	220.3	100.0	45.2	88.6	98.5	106.9	143.5	****	122.9	151.4	8.481	9 00	133.4	42.7	86.1	108.2	96.0	42.0	158.0	200.7	334.9	105.6	88.0	4.92	79.1	20.402		5040.7	112.0	334.9	9
æ 0€	#. B	***	143.5	57.8	363.0	7.1.7	150.0	310.1	79.6	87.5	80.6	181.5	329.6	100.6	102.5	199.5		10.07	0.84	176.8	190.0	163.5	114.8	如 计传染计算法表:	94.6	5.84	124.3	105.7	78.5	115.6	152.5	48.3	8.98	76.7	9.62	98.1	95.00	130.6	43.6	146.8	96.7	17.5	0	5671.1	128.9	363.0	34.6
le A-2-30	NAU	*	203.9	132.4	A i	707	268.1	24.4	213.3	72.0	135.8	99.5	205.3	228.8	0.99	63.9	0,4,0	700.0	4.64	6,44	0	235.3	11.1	*	456.0	133.4	316.6	1111	30.7	23.2	15.1	35.4	112.0	268.4	87.6	285.2	213.6	353.4	32.9	200.0	150.2	102.0	7.0.7	6545.8	148.8	456.0	0.0
Table	YEAR	1941 *	1942	1,943	1944	7.76	1942	1948	1949	1950	1951	1952	1953	755	145	1956	7.5.5	0 0 0	1960	1961	1962	1963	1964	1965	1966	1967	1968	1920	1971	1972	1973	1974	1975	1976	7261	1979	1980	1981	1982	1983	1984	7007	7100	TOTAL	MEAN	MAX	MHM

	Tab	Table A-Z-31		Monthly Fotal Precipitation at	otal Pre	cipitat	lon at	Cokak Meteorological	eteorole		Station	(מחור:	
YEAR	JAN	ብ 83	MAR	APR	MAY	SUN	JUL	AUG	SEP	100	NON	೧೯೧	TOTAL
1969	143.3	239.2	198,1	144.1	199.4	24.0	50 60 80	'n	19.6	60.8	59.1	285.2	1386.
1970	79.8	375.9	186,3	70.2	74.8	68.5	ព	2.7	47.8	87.7	152.6	129.5	1277.0
1971	21.7	171.6	260,3	220.8	39.8	24.7	0.0	43.7	19.8	70.3	99,2	75.7	1047.6
1972	26.5	101.9	131.5	230.1	90.2	31.6	20.1	9.9	25.7	150.2	121.0	1.0	936.
1973	23.7	208.3	225.6	254.6	45.1	53.2	0.0	0.0	38.5	68.8	143.6	250.7	1312.1
1974	87.9	7.65	129.1	117.9	40.8	25.6	0.0	55.2	59.8	102.3	80.7	375.2	1133,
1975	142.6	146.6	160.0	281.8	126.0	6.2	1.2	9.0	9.0	6.3	107.7	134.3	1130.
1976	471.3	112.0	56.6	190.9	159.1	28.0	13.2	29.0	36.4	148.4	119.6	415.6	1780.
1977	54.9	138.8	243.8	316.6	29.6	33.00 10.00	7.2	0.0	86.0	40.9	6.99	236.8	1305.3
1978	392,3	315.8	194.5	272.9	76.5	12.4	4.0	0.0	35.8	183.3	19.2	419.4	1926.1
1979	722.7	276.1	48.9	159.8	89.6	32.9	18.2	0.0	21.4	107.8	176.2	277.8	1931.4
1980	376.6	92.3	451.0	198.3	269,1	15.4	7.2	0.0	٠. 3	98.2	103.4	284.6	1897.
1981	427.1	211.2	276.7	4.89	139,3	63.7	12.3	15.2	eņ eņ	124.1	195.4	517.3	2049.0
1982	182.6	77.9	178.3	239.2	58.0	31.1	27.9	1.5	15.2	88.8	18.3	246.6	1165.
1983	157.8	232.7	106.0	169.1	134.4	38.7	5.4	0.0	13.7	79.5	393.5	132.4	1463.2
1984	139.0	202.9	133.1	357.9	18.8	6.6	10 4	14.8	0.0	12.5	75.6	83.0	1049.6
1985	253.8	258.8	98.6	118.2	86.3	57.2	3.6	24.2	8.4	211.7	106.9	4.6.9	1274.
1986	348.8	130.1	17.1	65.4	137.4	95.6	6.5	0.0	10.8	59.7	149.1	443.5	1460.8
TOTAL	4052.4	3351.5	3095.5	3471.2	1864.2	646.0	144.0	205.3	452.1	1701.3	2186.0	4355.2	25526.7
MEAN	225,1	186.2	172.0	192.8	103.6	Ф 50 10	8,0	11.4	25.1	94.5	121.6	242.0	1418.
MAX	722.7	375.9	451.0	357.9	269.1	92.4	27.9	55.2	86.0	211.7	393.5	517.3	2049.0
MIN	21.7	59.4	17.1	4.69	18.8	9	0.0	0	0.0	6.3	18.3	0.1	436.4
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Robe Meteorological Station (mir. 00) Monthly Mean Temp Table A-2-32

Table	rabie A-2-32		Monthly Mean Temperature	Mean T	emperat	ure at	Feke Me	Feke Meteorological Station	ical Sta		(unit: °C)	_	
rear	NA 7	<i>ជ</i>) បេ.	MAR	4	MAY	חמא	30%	AUG	SEP	act	70%	0 0 0	MEA
1965 ***	# # #	***************************************	*******	***************************************	***************************************	张明 张明 张明 张明 张明 张明	***************************************	新州水水水 水水水水 水水水水	26.6	13,3	8,5	6.9	***************************************
1966	6.7	5.6				23.5		27.4	22.2	17,3	13.4	7.2	16.
1961	7-1	3.4			*****	* * * *	***	计算计算机	21.2	16.4	9.7	6.7	*****
:968	2.1	6.4							0.00	15.8	10.6	2-9	14.6
1969	6-7	6.0							23.0	16.7	٠ د	6.9	15.
1970	6.5	7.6							22.1	14,7	11.9	۲.۷	S T
1971	6	ייי							23.1	14.8	10.0	6.7	14.
1972	2.1	2,9							22.1	16.8	0.6	M. W	14.
200	Ŋ	8.9							22.6	17.2	8.5	5.5	14.
1974	2	80.50							20.3	17.9	10.0	5.4	14.
1975	3,3	4.4							23.1	15.8	5.0	4-0	14.
1976	33	o. M							21.1	16.1	10.7	6-8	14.
1977	2. 7	80							52.9	18.0	11.7	ν. Μ.	15.
1978	5.7	7.5							22.4	18,1	8	7-1	15.
1979	Ŋ	8,0							22.8	17.2	11.8	8-7	13.
1980	2.2	5.2							22.9	17.1	11.9	7-8	15.
1981	4.0	6.7							23.9	18.8	9.1	8.9	16.
1982	6.5	4.0							23.4	16.3	0.0	ν. -,	14.
1983	1.2	M							23.0	15.6	11.8	7.0	77
1934	4	60.							24.6	17.4	10.8	7.4	135
5882	\$	2,7							23.4	14.4	12.6	0-8	15.
1986	5.8	7.6	10.6	16.0	15.6	21.8	26.5	27.7	54.45	17.0	8.7	V)	15.
MEAN	7.4	ν. 8	-	13.7	18,3	52.9	26.4	26.4	22.8	16.5	8 TO P	8-8	15.
XAX	6.7	9-2	12.3	16.0	20.2	24.1	28.4	28.2	26.6	18.3	13.4	6.9	16.
MIR	7.7	2.7	7.6	10.8	15.6	21.0	24.3	24-3	19.9	13.3	8.2	ы ы.	14.

orological Station (unit: °C)

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Monthly Mean Temperature at Pinarbasi Meteorological Station (unit: °C) Table A-2-34

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.4 17.9 21.7 25. .4 16.6 20.0 24. .7 17.2 20.0 24.
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.8 19.2 22.7 26.5 25.7 26.5 25.7 26.5 25.7 26.5 25.7 26.5 26.7 26.5 26.7 26.5 26.7 26.5 26.7 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5
2. 44. 52. 44. 54. 54. 54. 54. 54. 54. 54. 54. 54
. 5 17.3 22.2 27.3 23.5 17.9 25.5 25.5 25.5 25.5 25.5 25.5 25.5 25
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Station	00.1	,	1 1	3 6	٠, ١ ٨	11.	13.7	13.5	5,0	5.5		ł •	-t 4	12.5	10-1	0,0	14.6	0	, , ,	9.0	15.6	10.1	13.6	10.7	5.4	14.2	0	7 4 5) () r 1 r	1,1	1 1	72.0	11.5	11.5	10.5	10,4	60	11.8	11.7	14.5	2.6	11.4	7.2	11.7	12.0	101	12.5	40.			, a	M.)	11.3	15.2		,
	SEP	1			7.7	16.0	17.4	16.3	7.7	18.2	0 4	J (0	5 7	20.6	18.3	20.7	7 7 7	. 1	0 :	7	15.1	50.9	7.27		tr tr	2 7 7) () r		5 I	1.01	15-7	16-1	17.4	15.5	17.5	17.9	17.1	14.6	10.4	15.0	16.8	16.1	17.0	16.8	17.1	17.0) tr	2.2.5	, t	14.	}	16.9	50.9		14.5
Meteorological	AUG		11.		7	23.0	22.3	50.4	22.4	0	, ,	4 5	2.5	50.9	21,2	23.5	23.0	1 6		7	55.5	23.2	24.3	22.4	21.6	21.5		10) t		4.17		25.2	50.5	19.6	22.0	50.4	20.5	21.9	20.5	20.6	20.2	19.7	21.5	19.5	22.3	101	20.0	α	. 0	e e	7 66	22.8	;	21.7	8.75	. ,	κ 80 11
Kayseri	ากเ	7	4 10	7	43.0	51.9	21.3	21.8	21.7	22.1	7 20	, ,	7.77	23.1	21,3	22.5	22.2	, ,	, ,	7.97	23.8	22.3	23.6	22.1	23.6	7 20	2	ייי יייי ייייי	1		2,4	71.7	5.5	50.4	25.2	20.8	23.2	22.4	22.7	21.6	21.9	23.1	20.6	21.5	22.4	20-3	23.7		4 6	2.5	ř	1 0	7.7.		22.3	25.2		19.6
at	8 2 2	0	,		×07	4.17	18.4	19.3	17.3	18.6	9 0) t	7.	21.5	18.1	18.9	17.7		- (- (707	51.9	20,0	19.1	18.5	0	0) t	1 (1 1	200	0 (0	16.8	17.1	20.3	19,3	17.7	17.9	17-11	20.6	0.6	18.2	18.3	K.	7.6	. 0	^	, c	0	, o	,	14.) 1	19.0	21.9		16.8
Temperature	MAY	0 71		•	78.	16.5	14.6	13.5	16.3	5.71	4 4	1 4	72.0	16.5	15.3	15.1	14.3		*	0 1	15-9	13.5	7.71	16.0	16.0	- 24	0.00		,	***	74.7	14.0	14-1	14.4	16.1	15.8	14.8	15.0	14-1	15.0	14.9	7.71	14.2	16.6	14.7	ر. د	, P		1 0	000	, r	3 0	V + 1	9	15-1	18.0		11.6
Mean Te	APR	5) t	1	0	3.0.3	9-2	10.3	7.5	4.0.		1 (7.5	6.9	15.0	12.1			, 1) (o .	10.6	1. 1. 1.	11.7	11.5	11.7		, ,	, ,	· 1	2.0	9,0	10	11.7	9 00	15.1	7.6	12.9	9-1	12.7	٥.	n	12.2	10.0	0	o o	ν α ο ο	. 0	. 0	10		7.0		. 0		10.5	15.0		6.9
Monthly	MAR	۳ ر	; C		· •		-0-2	6.2	9.0	8-7	a	,	1	2.7	7.7	8.0	7			y	9-9	1.6	5.6	7.2	, _Y	7			, d	0.7	0.0	70 ·	8.8	2.1	κ) 	4.4	7.4	6.0	о. •	K)	٠ .	eri T	i M	0	, ,	4	, , ,	1 6	, t	1,	1 v	9 9		; ;	5.4	80		4-1-
, z.; VO	ក ព ព	0	. 1	;	0 .	7 1	15.3	2.5	-3,1	(N)) (7.7	4.0	5.9	1.7	6.0	, ,	,	7	9	7,0	-1.8	о.	-7.6	-0				· •	9.1	0	7 7	-5-7	-1.7	-7.1	4-1	1.3	-5.7	4	-2.5	12.4	15.4	1/	. 4	or n	, ,	• 0	1) ·) t	, ,	ì	0.1	9		9.7-
e A- 2-3	NAL	и С	3 4		Э,	ot ∙	Α,	13.5	О	ര	, -	٠,	v.	0.	vo	7.0	M.		J٦	7	\circ	•	7.9-	7.7	•	Ċ	9 0		1 0	.,,	-1 ·			. n.			2.1	1.4								ç			3 4) a	-)- - -		9 H	7	6 T	ю		4.6-
Tabl	۲ ع ع	9	· C	3 .	4 4	7 d d	1943	1944	1945	1946	1071		Ø † 3 →	1949	1950	1951	40.57	1 14) \ \ (4 to	1955	1956	1957	1958	000	1040	9 6	1777	1000	7,00	1001	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1075	1076	1077	« L O .	040	0801	0 00	1000	1406	100) (A	0 0 0	0	MEAN	ΑAX		Z K

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ture at	NOT	* * * * * * * * * * * * * * * * * * *
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A-2-37	NAL	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Table	YEAR	M M E A S S S S S S S S S S S S S S S S S S

Station (maite of) Table A-2-38

	X H E	M)	יי יייי ייייי	+10.6		0.81	ω, 10.1	-12.3	-а ъ	-7-3	0	9.91	5.8	6.5	9.7-	-6.5	-2.6	15. 13.	-21.5	75.5	9.2-	0.4-	7.9-	9.5-	-12.3
(j)	DEC	-1.7	-5.3	-2.3	71.3	-5.0	-u- 8-	5.8-	8.4-	-3.9	2.4-	0.4-	0-7-	6"7-	9.4-	-2.6	9 0	9.7-	-3.6	-5.5	-4.5	0.4	9	9.0-	ည် ထိ
(unit:	NOV	ю. К		2.5	9-0-	2.7	4.0-	0.81	-3.7	-1.6	-1.3	9.0	-1.2	-1.6	2.8	2-0	77-	-3-0	7.4	1.7	พ กำ	-1-x	-0.5	es S	13.8
Station	OCT	7.3	6-9	o-9	1.1	5 7	9.5	0.9	2.0	7.4	7	9.7	2,0	7.8	7.6	0.9	7.2	5.0	6.2	3.7	7.5	9.9	6.4	7.8	5.0
logical	SEP	11.3	m.	10.3	6.3	5.0	9.5	12.8	10.5	8 .3	10.3	8.1	11.9	10.5	10-0	7-6	11.5	12,2	8.7	15.4	10.0	12.7	10-2	12.8	M M
Meteorological	Aug	16.8	****	13.8	14.8	14.3	15.0	15.0	14.2	13.0	13.4	13.6	14.5	24.5	****	15.1	15.6	15.1	13.4	13.4	16.5	17.9	14.7	17-9	13.0
at Feke	זמר	15.7	****	14.6	13.5	14.9	15.9	12.7	14.7	13.1	15.0	13.0	13.4	15.6	14.0 #	16.8	16.0	13.0	14.8	15.0	11.9	15.0	14.4	16.8	11.9
	NUS	11,3	* ***	12.9	13.4	12.0	11.5	12.6	0.0	11.5	11.3	9.6	10.0	7.7	11,9	10.5	10.6	11.7	12.0	13.0	12.0	12.2	11.3	13.4	7-7
Temperature	MAY	5.2	* ****	٥. ٥	7.6	6.7	9.1	8.6	7.3	7.5	5.3	60 63	9.3	5.7	9.6	7.5	ν •	9-9	7-6	0.0	4.6	5,5	7.0	6-6	φ, π)
Mininim	APR	4.9	** 5.0	4.2	2	2.7	3.7	2.6	3.0	1.6	5.5	ы	N. N	0	3.5	2.0	0.5	٠ ٢	2.5	2.5	4.4	5.5	2.9	8.8	0.5
(onthly	MAR	£.1.	-5-2	1.3	n. 0	7.5	-2.0	-2.0	11.4	2.5	-3-1	-6.3	-2.0	M-0-	-0.6	-0.0	0.5	6. W.	-4.5	0.0	6.9-	5	-1.5	۵.5	6.81
ž Se	7 83	6.01	0,5,0	-5.0	M	-2.1	8. 8.	-12.3	-2.5	6.9-	6	-6.6	-1.5	6.4.	7.7	0 N	2.7.	5.8	-11.5	7.0	9.2-	-1.9	2-7-	6.0-	-12.3
Table A-2-38	JAN	13.1	14.5	-10.6	13.0	-2.4	8. 7-	2.0-	-8.3	-7.3	15.4	5.4-	15.8	-2.9	7.5-	-6.5	-2.6	٠.4 ا	-7.6	-2.2	-1.5	-3.8	6.4-	N . 4	-10.6
Hab	YEAR	1966	1967	1968	1969	1970	1971	1972	1973	761	2975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	Z W W	XAX	Z

Table A-2-39

						-		,	1				-	
	TOTAL	**************************************	***************************************	*************	***********	******	715.4	733.6	907.5	1085.6	4179.0	835.8	1085,6	715.4
it: mm)	DEC	00	***	***************************************	***************************************	* O * O * * * * * * * * * * * * * * * *	0.0	0	0-0	0	0.0	0.0	0.0	0.0
ion (un	NON	000	张祥的我们有什么,从我就是有有的人的人,我们就是我们的人,我们就是我们的人们的	*****	***	0.0	14.3	0.0	0.0	0.0	14.3	2.0	14.3	0.0
al Stat	10CT	88.0	计转移转移分析的 经有关的转换转换的 网络科林斯特林 计过程计划转移 经保存证据的证据 经转移的复数 计对码设计分词	化苯酚酚苯酚 化苯酚苯磺胺苯酚 计被关系的外分列 计同步列的条件分 医长光性动脉动脉 经经投票的现代表 经转换条件的现代法经验的现代 化苯酚酚医苯酚酚 医乳球球球球球球球球球球球球球 计被控制器 医乳球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球球	计计算计计算机 计分类计算机设计 计线外线线线		56.4	77.3	53.3	85.9	428.7	61.2	88.8	0.0
rologic	S C C C C C C C C C C C C C C C C C C C	119.3	****	****	* * * * * * * * * * * * * * * * * * * *		113.4	123.8	127.3	164.8	917.8	131-1	164.8	113.4
a Meteo	AUG	204.1	法律法法法法法 计计算分列码计算计算计算计算计算计算计算计算计算计算	* * * * * * * * * * * * * * * * * * * *	***	***************************************	163.4	147 7	189.2	255.7	1154.2	192.4	255.7	147.7
Tomarz	385	249.5	***************************************	*******	经营业经济营业	*******	169.7	168.3	178.0	227.5	1233.7	205.6	224.2	168.3
tion at	ทุกก	***********		***************************************	计数据分类计算 法法法法律证证 法经验法法律证法 法法院法院的	法国法律法律法 医水质解除性结核 医甲状腺素溶解 计设置计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数计算机 计多数	131.1	145.9	155.0	142.1	680.9	136.2	155.0	106.8
otal Evaporation at Tomarza Meteorological Station (unit: mm)	MAY	6.90º 7.57 0.0			*****	化异苯苯丙基 化苯苯苯苯苯苯 计减减分离 计分类记录法 计多数分类系统 计数据设计 计数据设计器 化二乙二乙二乙二乙二乙二乙二乙二乙二二乙二二二二二二二二二二二二二二二二二二	67.1	20.6	120.0	82.0	412.4	82.5	120.0	67.1
Total	A	* O * * * * * * * * * * * * * * * * * *		长星存坐用狂戏声 法行政外处理证据 医线线性 医水性红斑		***************************************	0.0	0.0	84.7	100.9	185.6	37.1	100.9	0.0
Table A-2-39 Monthly T	MAR						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-36	en HJ	O.O O.O O.O	计划法模式 计计算机 计分类系统 计分类数字 计多数分类数字 计多数分类 计多数 计多数分类 计多数分类 计多数分类 计多数分类 计多数分类 计多数	计分类计划分类 计光光光光光光 法共产的 计线线系统计划 计设计设计设计设计设计设计设计设计设计设计设计设计设计设计设计设计设计设计	***		0.0	0.0	0-0	0.0	0.0	0.0	0.0	0.0
ble A-2	JAN	# O * O * * * * *	*****	****	化分析的过去式和 计计划计算计算	***************************************	0.0	0.0	0.0	0.0	0.0	0 0	0.0	0.0
H	rear	1974				1987	1983	1984	1985	1986	TOTAL.	MEAN	MAX.	Z H E

Þ 07-6-Table A-

Ha Ha	able A-2-	040	Monthly	rotal	Evaporation	tion at	Kayseri		Meteorological	il Station	on (unit:		
YEAR	X 47	ሉ መ	2.	A PR	* A *	S UN	Jar.	Aug	e B S	DCT	NOV	0 8 8	TOTAL
	*	* # # *	新新州州州州	***	*****	***	270.5	272.7	161-0	110.3	61.9	0,0	· · · · · · · · · · · · · · · · · · ·
1962		0.0	0,0	133.6	192.3	271.9	269.8	260.5	197.6	107.5	8.97	0	1480.0
1963		0.0	0.0	0.0	144.2	169.0	248.3	235.0	154.3	84.7	0.0	0	1035.5
1961		0.0	0,0	124.6	149.2	179.7	250.0	230.9	157.3	133.9	0.0	0.0	1225.6
1965		0-0	0.0	0-0	174.2	544.5	272.3	279.3	175.1	77.5	0.0	0	1222.9
1966		0	0,0	0-0	189.0	255.3	292.6	293.6	164.7	103.7	0.0	0-0	1298.9
1967		0	0,0	0-0	166.5	234.7	255.8	243.3	191.8	91.1	0.0	0.0	1183.2
1968		0	0,0	0-0	178.2	504.4	284-2	248.6	151.1	0-0	0.0	0.0	1066.5
1969		0.0	0,0	0.0	194.3	569.5	312.7	268.8	219.9	70.7	0-0	0	1336.3
1970	0,6	0,0	0	0.0	220.8	291.0	254.9	253.3	131.1	65.2	21.2	0,0	1337.5
1971		0.0	0	86.3	156-1	180-8	222.6	185.9	135.6	61.7	0-0	0	1029-0
1972	٠	0 0	0,0	118.0	5-151	155.2	216.9	188.8	137.0	24-0	0.0	0.0	7027
27.61		9 0	9	1001	155.2	7.271	505.6	187.0	131.5	41	0.0	0 6	1027
7 7 7		90	200	× ×	100	213.2	221.0	154.0	707	70,0	, c	2 0	1000
7 7 7	•	90	200	9,0	145,1	100	200	7 TO CO	127.	2 0		200	0.000
1070		,	90	9 0	1100	77.70	24.4.0	100.0	† r 7 r 7 r	0 0	, c	000	3 0 0 3 0 0 3 0 0 5 0 0 6 0 0
0.00		0	000		6 77	1 X	1 t	200	1 4 6	, 0	0	0	1000
1070		0.0	0,0		123.8	0 1	1,66-6	155	120.6	9.99	0-0	0	769.9
1980		0	0,0	42.6	123.8	166.5	195.5	144-4	85.0	7.7	0	0	765.5
1981		0.0	0	0,0	87.7	128.0	187.0	156.1	114.0	0.0	0.0	0	672.8
1982	•	0.0	0	0	80.9	128.6	151.7	136.5	95.6	0.0	0.0	0.0	590.3
1983	•	0	0.0	77.9	101.1	127.3	172.4	151.7	0.66	48.3	0.0	0.0	7.777
1984		0	0,0	70.6	98,13	150-6	159.7	136.5	130.7	0.0	0-0	0-0	7.67.
1985	•	0-0	0.0	93.9	115.9	164.5	169.0	184.4	117.7	56.1	0.0	0	901.5
1986	•	0.0	0.0	90.0	2.77	136.3	236.5	227.8	147-7	82.0	0.0	0	9-166
TOTAL	0.0	0.0	0.0	1078.6	3455.5	7-0494	5918.9	5288.3	3596.2	1579.1	129.9	0.0	24810.8
2			ć		4	7 00	722	7 200	4	7	v	d	7 600
2	•	•		7.0.	9-00-	9	9	•	1	?	,	3	
MAX	0.0	0.0	0.0	133.6	220.8	291.0	354.9	293.4	219.9	133.9	61.9	0	1480.0
2 H £	0,0	0.0	0.0	0	44.2	127.3	151.7	136.5	85.0	0	0-0	0-0	590.3
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DEC Monthly Total Evaporation at Goksun Meteorological Station (unit: mm) Nos 37.1 95.1 0.0 518.9 171.6 126.3 126.3 1130.5 1130.5 1133.6 1153.6 1153.6 1151.9 1151.9 1151.9 1151.9 1979.3 171.6 99.5 161.4 2786.1 199.0 237.0 2942.5 210.2 275.5 103.0 15¢ 20011 20001 N C 1526,8 ΆÀΥ ል ማ 0.00 00000000000000 10 10 10 Table A-2-41 YEAR Z R N COTAL Σ Σ A H X X

0 8 0 Monthly Total Evaporation at Adana Meteorological Station (unit: mm) >0K P 20 SEP AUG 길 S MAY APR MAR SEB B Table A-2-42 NAU

TOTAL

*******	1644.5	1690.7	1659.7	1785.4	1718.5	1694.7	1827.8	1606.5	1512-4	1483.9	1666.1	1585.7	1521.8	1408.6	1538.5	1501.0	1501.7	1393.9	1364.1	1424.4	1338.4	1420.5	1426.8	1446.5	37162.1	1548.4	1827.8	1338.4
27.2	67.7	39.6	7-97	5.47	33.3	36.7	39.4	7.57	20.4	64.1	39.2	48.6	7.27	40.5	20.0	33.5	34.3	45.0	37.8	51.5	38.7	46.3	5.47	24.2	1101.0	0-47	67.7	27.2
38.0	68,1	78.4	77.3	90.1	66.5	43.4	40.9	59.6	62.6	71.9	5.69	68.0	62.3	58.6	78.9	61.1	0.99	2.65	58.9	86.7	53.4	51.8	45.3	65.8	1682.8	67.3	90.1	45.3
118.4	120.9	157.5	122.1	141.9	145.5	112.2	128.4	117.5	125.4	109.9	125.7	122.4	133.4	102.7	109.9	106.5	102.9	97.1	111.8	7-66	111.3	126.9	95.2	113.5	2958.4	118.3	157.5	5.26
212.0	190.2	208.1	189.8	195.6	189.8	174.0	194.5	179.8	166.2	164.8	179.8	207.4	193,1	169.2	164.0	158.7	183.3	159.0	165-1	158.3	159.7	150.7	182.6	178.0	4473.7	178.9	212.0	150.7
***************************************	262.0	259.0	239.3	248.4	264.3	233.3	236.1	230.1	50602	208.8	223.4	207.3	215.8	214.0	231.8	214.0	217.0	219.9	187.5	202.6	201.8	210.6	225.2	2007	5362.0	223.4	2.492	187.3
* ***	245.0	241.4	258.8	264.7	6 262	271.8	313.4	226.5	212.7	209 -0	242.8	546.9	234.7	222.3	250.8	272.6	241.9	206.6	201.9	206.7	214.4	217.2	241.1	207.8	5743.9	239.3	313.4	201.9
***************************************	217.2	196.8	242.4	257.0	249.5	238,5	289-0	220-1	225.6	182.9	226.6	214.0	201.0	188.2	209.2	197.9	203.2	207-0	184.7	185.5	172.3	179.2	175.3	188.3	5051.4	210.5	289.0	172.3
***************************************	145.2	175.7	175.2	219.4	167.6	213.7	212.0	202.6	178.4	159-1	187.6	169.5	146.2	135.5	188.3	167.4	173.8	146.3	152.4	163.9	133.9	166.0	144.7	130-1	4054.5	168.9	219.4	130.1
*****	116.7	149.5	119-2	127.7	E-161	156.8	150.4	166.8	89.5	113.6	131.5	104-4	109.5	1.46	101.8	98.5	123.0	100.9	114.3	100.2	90.9	100.5	101.9	132.7	2805.5	116.9	166.8	89.5
***	7.79	86.6	93.0	105.7	79.8	104.2	88.8	6.96	82.2	89.7	102,5	75.1	95.3	79.3	68.9	81.7	66.5	86.5	72.2	73.6	64.2	2 69	95.8	86.3	2022.2	84.3	105.7	2.49
**************************************	59.5	6.77	41.0	57.9	65.4	57.2	61.2	8.77	24.4	6.99	71.4	67.9	47.7	61.1	43.4	8.79	50.5	47.1	42.6	57.5	43.8	5.75	40.1	2.87	1293.9	53.9	71.4	40.1
***************************************	54.3	53.2	55.4	32.5	52.8	32.9	43.8	16.1	55.5	43.2	66.1	54.2	9-07	43.1	41.5	2.77	39.3	38.8	35.1	38.5	54.0	47.1	35.1	0.14	1058.4	44.1	66.1	16.1
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A-3 GEOLOGY AND CONSTRUCTION MATERIALS

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Hole No SK-1

Elevation: 510 m

Depth of Hole: 100.00m Angle from Horizontal Vertical

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Hole No. SK-2

Elevation: 510.834m

Depth of Hole: 70,00 m Angle from Horizontal: Vertical

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Hole No. SK-3

Elevation: 607,609 m

Depth of Hole: 100.00m Angle from Horizontal: Vertical

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Hole No SK-4

Elevation: 607.222m Bearing of Angle Hole: 525° E

Depth of Hole: 80.00 m Angle from Horizontal: -45°

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LEGEND

O O Alluvium.

□ △ Stope wash

↑ ↑ Peridotite

□ □ Limestone

□ □ Sandy limestone

□ □ Dolomitic limestone

□ □ Sundstone

- 1 Depth of Drillhole (m)
- ② Geological Log
- 3 R.Q.D = Rock Quality Designation (%)

C.L. = Core Loss (%)

4 R.C. - Rock Classification

W: Weathering ! (Very Fresh)

5 (Strongly Weathered)

H : Hordness | (Very Hord)

5 (Soft)

C : Interval of Cracks

1 (Over 30 cm).

5 (Under 1 cm)

(5) R.E. = Rock Evaluation
(d) Very Good

(e) Very Bod

9 20 = Unconfined Compression Strength of Core (kgt/cm²

Du = Lugeon Value (1/m/min/10 kgt/cm²)

(): Converted Lugeon Value

8) W.T.(0)= Water Table in Drillhole during Drilling

9 W.T.(F)= Final Water Table (m)

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ZAMANTI GÖKTAŞ HYDROELECTRIC POWER DEVELOPMENT PROJECT

SUMMARY LOGS OF DRILL HOLES

(1-4)

Hole No. SK - 5

Elevation: 517.561m Bearing of Angle Hole: \$40°E

Depth of Hole: 100.00m Angle from Horizontal: -55°

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Hole No SK-6

Elevation: 542.363 m

Depth of Hole: 90.00 m Angle from Horizontal: Vertical

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Hole No SK-7

Elevation: 603.887m Bearing of Angle Hole: N.25°W

Death of Hole: 80.00m Angle from Horizontal: -60°

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LEGEND

0 0	Alluvium
ΔΔ	Slope wash
^ ^	Peridotite
	Limestone
	Limestone (Bituminous)
	Sandy limestone
	Dolomitic limestone
•••	Sandstone .
	Shale

- (1) Depth of Drillhole (m)
- ② Geological Log
- 3 R.Q.D = Rock Quality Designation (%)

C.L. = Core Loss (%)

④ R.C. * Rock Classification

W: Weathering ! (Very Fresh)

5 (Strongly Weathered)

H : Hardness 1 (Very Hard) 5 (Soft)

C : Interval of Cracks

1 (Over 30 cm) 5 (Under 1 cm)

(5) R.E. = Rock Evaluation

Very Good

e Very Bad

- $\begin{tabular}{lll} \hline \begin{tabular}{lll} \hline \end{tabular} \hline \end{tabular} \end{tab$
- () Lu = Lugeon Value (#/m/min/10 kgf/cm²)

(): Converted Lugeon Value

- (8) W.T.(D)= Water Table in Drillhole during Drilling
- W.T.(F)= Final Water Toble (m)

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ZAMANTI GÖKTAŞ HYDROELECTRIC POWER DEVELOPMENT PROJECT

SUMMARY LOGS OF DRILL HOLES

(2-4)

Hole No. TB-1

Elevation: 631 357 m

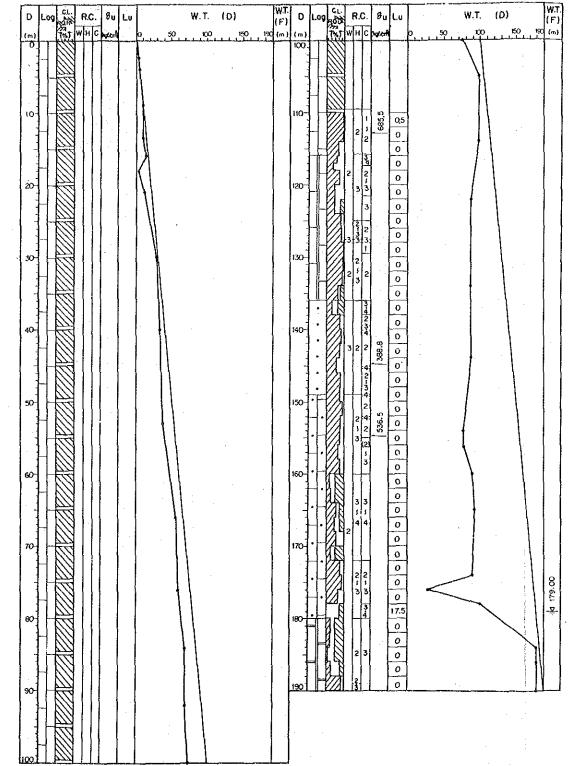
Depth of Hole: 90.00 m Angle from Horizontal: Vertical

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Hole No. TB-2

Elevation: 740 ore

Depth of Hole: 190.00 Angle from Horizontal: Vertical



LEGEND

O O Alluvium

A A Peridotite

Limestone

Limestone (Biluminous)

Sandy timestone

Dotomitic timestone

Sandstone

Shale

- ① Depth of Drillhole (m)
- ② Geological Log
- 3 R.Q.D = Rack Quality Designation (%)

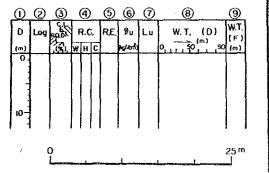
C.L. = Core Loss (%)

C : Interval of Cracks

1 (Over 30cm) 5 (Under 1 cm)

- S R.E. = Rock Evaluation

 (a) Very Good
 - e Very Bod
- 6 Su = Unconfined Compression Strength of Core (kgf/cm²)
- (7) Lu = Lugeon Value (L/m/min/10 kgt/cm²)
 (): Converted Lugeon Value
- (8) W.T.(D)= Water Table in Orillhole during Orilling
- (m) W.T.(F)= Final Water Table (m)



ZAMANTI GÖKTAS HYDROELECTRIC POWER DEVELOPMENT PROJECT

SUMMARY LOGS OF DRILL HOLES

(3-4)

Hole No. PB-1

Elevation: 391,912m

Depth of Hole: 71.00 m Angle from Horizontal: Vertical

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Hole No. PB-2

Elevation: 521.353 m

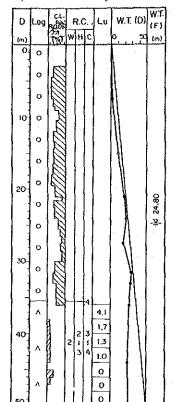
Depth of Hole: 70.00 m Angle from Horizontal: Vertical

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Hole No.SSK-1

Elevation : <u>520.⁵¹⁸m</u>

Depth of Hote: 50,00m Angle from Horizontal: Vertical



LEGEND

0 0	Allevium
ΔΔ	Slope wash
	Peridotite
	Limestone
	Limestone (Bituminous)
	Sandy limestone
	Dolomitic limestone
$[\cdot \cdot \cdot]$	Sandstone
	Shale

- ① Depth of Drillhole (m)
- ② Geological Log
- 3 R.Q.D = Rock Quality Designation (%)

C.L. = Core Loss (%)

4 R.C. = Rock Classification

W: Weathering 1 (Very Fresh) 5 (Strongly Weathered)

H : Hardness ! (Very Hard)

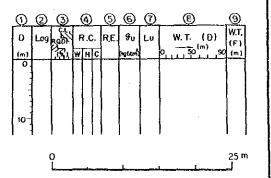
Š (Soft)

C : Interval of Cracks

1 (Over 30 cm) 5 (Under 1 cm.)

- (5) R.E. = Rock Evoluation Very Good

 - e Very Bod
- 6 8u = Unconfined Compression Strength of Core (kgt/cm²)
- Du = Lugeon Value (2/m/min/10 kgf/cm²)
 - (): Converted Lugeon Value
- (8) W.T.(D)= Water Table in Drillhole during Drilling
- (9) W.T.(F)= Final Water Table (m)



ZAMANTI GÖKTAŞ HYDROELECTRIC POWER DEVELOPMENT PROJECT

SUMMARY LOGS OF DRILL HOLES

(4-4)

Standard of Rock Classification for Drilled Core Standard of Rock Classifi.

	Interval of Cracks	Over 30 cm	10 - 30 сп	3 ~ 10 cm	1 - 3 cm	Under 1 cm	
	Inte	poet	2		4	5	
Standard of Rock Classification for Drilled Core	Hardness	Very hard. Broken into Knifeedged pieces by strong hammer blow.	Hard. Broken into pieces by strong hammer blow.	Brittle, Broken into pieces by medium hammer blow.	Very brittle. Easy broken into pieces by medium hammer blow.	Soft. Able to dig with hammer.	
E Roc		-	2	٣	4	5	·
Standard of	Weathering	Very fresh. No weathering of mineral component.	Fresh. Some minerals are weathered slightly. Usually no brown crack.	Fairly fresh. Some minerals are weathered. Cracks are stained and with weathered material.	Weathered. Fresh portions still remain partially.	Strongly weathered. Most minerals are weathered and altered to second minerals.	
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