THE SOCIALIST REPUBLIC OF THE UNION OF BURMA

FEASIBILITY REPORT

ON

THE OKKAN DAM IRRIGATION PROJECT

APPENDIX

NOVEMBER 1981

JAPAN INTERNATIONAL COOPERATION AGENCY





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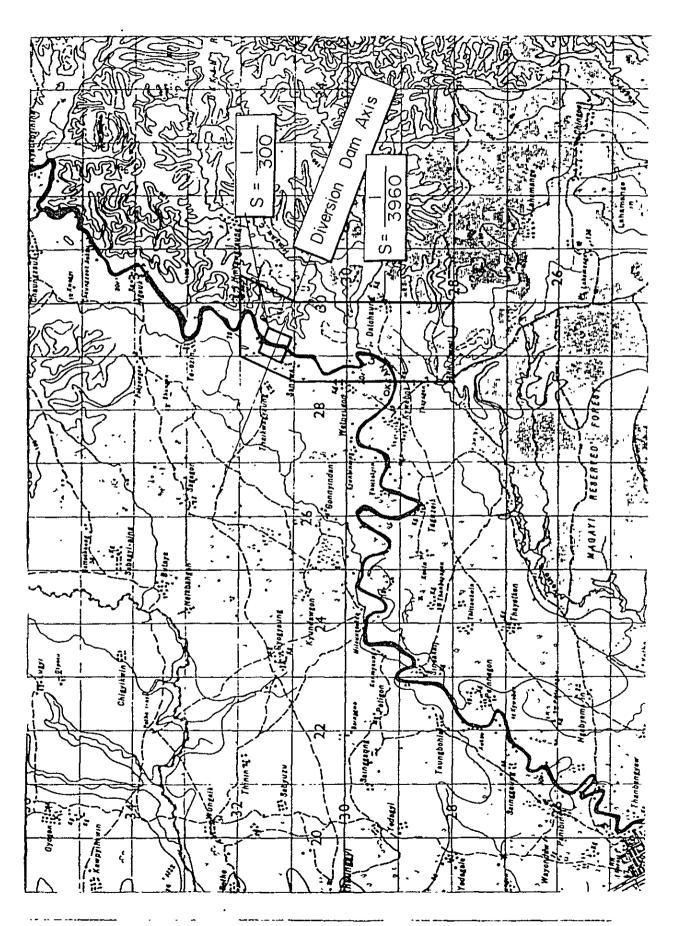


FIGURE R-2 (1) LOCATION OF CROSS-SECTIONAL SURVEYING OF THE EXISTING RIVERS

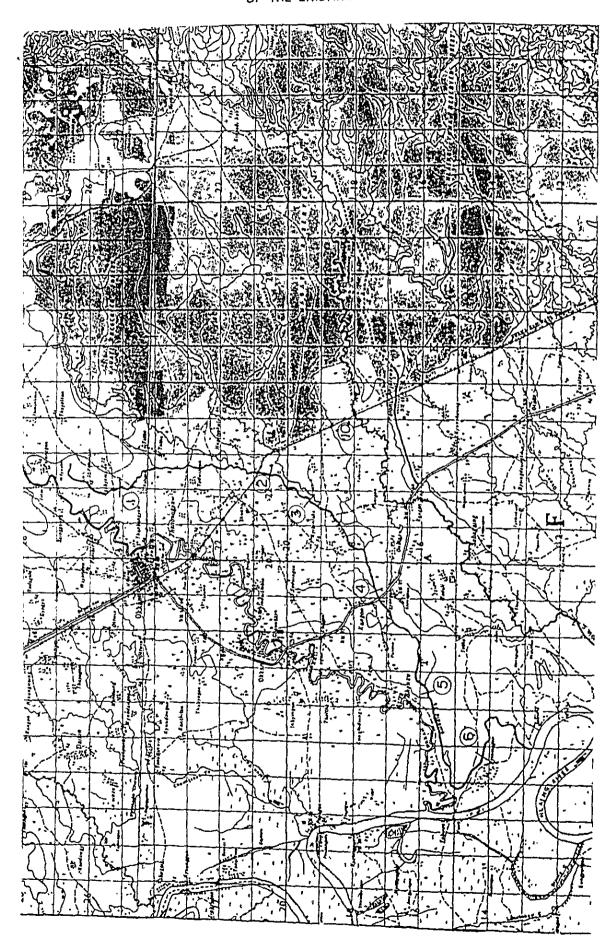


FIGURE R-2 (2) LOCATION OF CROSS-SECTIONAL SURVEYING OF THE EXISTING RIVERS

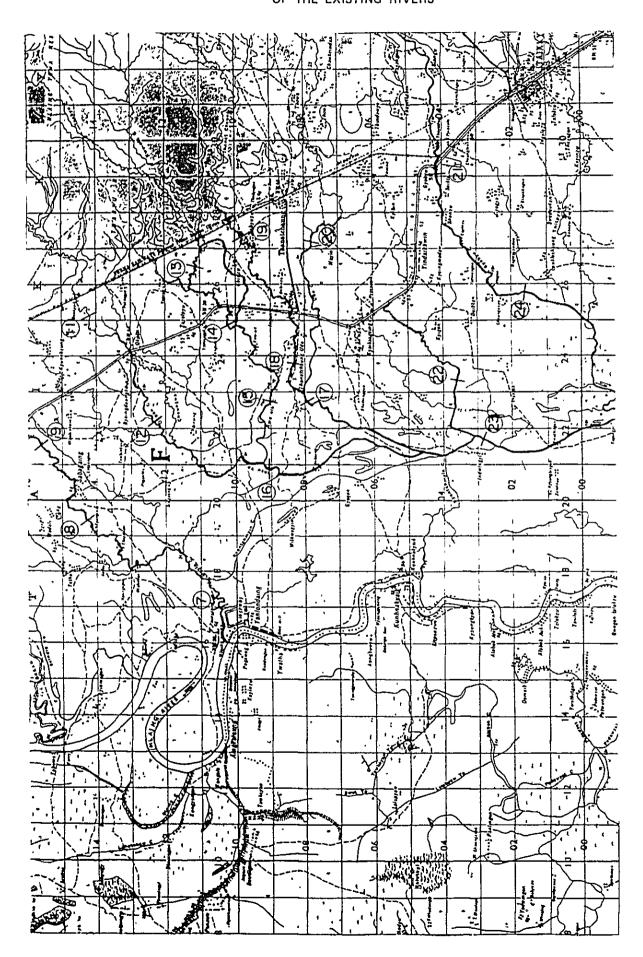
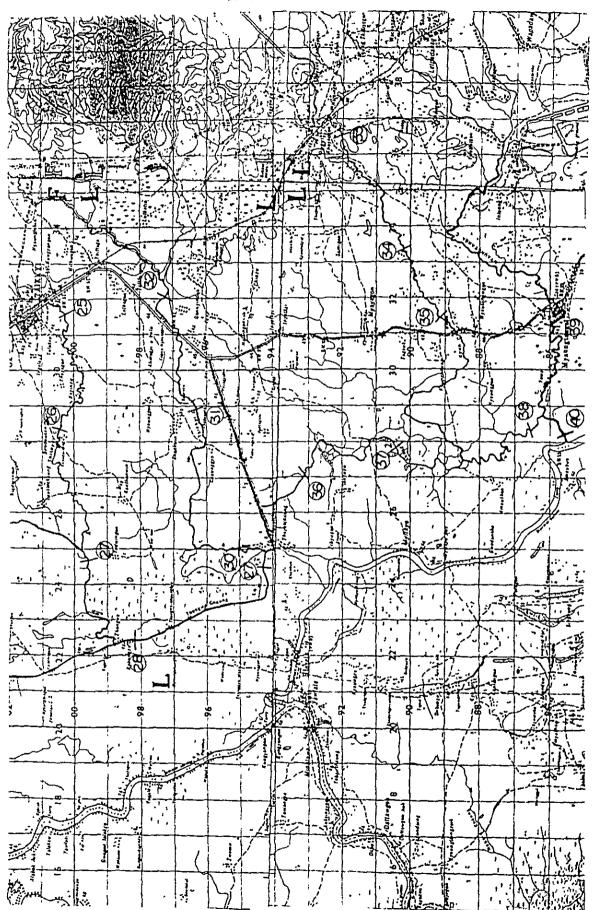


FIGURE R-2 (3) LOCATION OF CROSS-SECTIONAL SURVEYING OF THE EXISTING RIVERS



CHAPTER III. THE PROJECT AREA



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(XX	=	198.8	22.	و بات بات		5	e B	36.	19.	87.	71.	60,	2		ָ ֖֖֭֭֓֞֝֞֝֞֞֜֝֞֞֜֝	63.	68,	5.00	84.	π. α:	, ,	• c	* 7 0		?	81.	5	. 2	•	7	73.	92.
1	JUNE	0	1	, , ,	•		7.	6.	79.	ţ,	7.4.	44	7.4		•	÷	~		-	31.		ָ פֿרַ	0000	0 (ž.	9.0		4		• 1	ζ.	~
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NILLY A	APR	3.8	~		- C					4						٠,		'n	ċ													
<u>`</u> `i i ≥ 	2 V 2	1.8										ပ်																				
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1 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JAN	0.0	۴,۰	0.0	0-0		0 • 1 •	6.1.2	0 f	•	\$ ·	0.0	0.0	0.0	0.0	; c		- C	; ·	0.0	0.0	0.0	0.0	0.0	20.0		0.0	ر. ت	1•0	0		•
	YFAR	1954	1956	1951	1551	460	1050	1040	2001	1001	2061	かんかい	707	1965	1966	1967	1068	1960		0/51	1251	1972	1973	1974	1975	1074	0 1	1277	1978	1979	. C & D L	7.10

Tabld 3B-4 STATION KYAUPYINIHA

	1	A.	MENTHLY RA	FINFALL	! ! ! ! !	(F)	i 	; ; ;	; ; ; ; ;	1	i 1 1 1 1	; ; ; ; ;
	Ft.B	d V M	APK	Y 4 Y	JUNE	100	AU	SEP	טט	N U V	DEC	10
]] [٠_•	•	i _•	300.1	410.8	368.3	503.1	321.5	3.02.7	0	2.8	2230.0
	2.5	•	8.7		20.	78.	1 9°	37.	60.			662.
	•		•	14.	• 60	39.	24.	86.	46.	3		336.
	1.3	0.0		76.	6 ا	05.	.95	79.	64•	•		047
	•	•		80.	44.	70.	16.	63.	<u>, 8</u>			308.
	•	•	•	37.	99	86.	14.	99	3€			026.
	•	•	0.0	92.	11.	47.	04-	•96	74.			.610
	•		•	92.	67.	5 g	61.	5.	47.		Ċ	483.
		•	•	80.	83.	1 H	4.5	9	41.	4	0	194.
	٠			27.	11.	42.	71.	89.	46.	2	-	542
	•			15.	دي.	62.	33.	49.	23.	•	•	-245
	•		•	.13	15.	27.	10.	.06	24.	•	<u>, </u>	486.
				67	56.	78.	76.	72.	69		9	I 4 u •
	•		•	96	42.	83.	67.	10.	58.	5	٠	300.
		0-0	•	12.	78.	20.	. 70	70.	44.	2.		486.
		٠		32.	57.	36.	40.	35.	76.	•	•	227.
	•	8	•	13.	37.	65.	22-	60.	42.	5		357.
	•	•	•	82.	87.	82.	17.	.10	22.	ę		307.
				65.	26.	28.	89.	52.	g3.	7		.390
			•	4 B.	.90	68.	44.	52.	36.			424
	•			9В.	- 14	45.	61.	91.	-90	5		622.
	•			91.	83.	34.	80.	74-	38•	6		340.
	0.0	0.0	0.0	3,	٠,٠	52.	63.	02.	62.			240.
		•		34.	85.	*55	71.	57.	65.	2.	•	154.
				64.	55.	70.	6.1.	-15	95	3		51 H
				56.	91.	₹9.	27.	79.	20.	•	•	931.
	•	•	0.0	7	04.	21.	25.	• ੪੪	jó.		•	254.

Table 3B-5 (1) Correlation Matrix of Rainfall

197819	80	Daily		(1) (2) (3) (4)	THARRAWADDY TAIKKYI
STATICK	·-> x	(1)	(2)	(3)	(4)
(1)	R	1.00C	0.377	0.479	0.150
	A	1.00C	0.368	C.467	0.167
	B	C.0	12.(21	9.918	15.548
	R	C.377	1.000	C.388	C.297
	A	C.386	1.000	C.387	0.347
	В	12.150	C.0	11.418	12.996
(3)	R	0.479	C.388	1.00C	C.193
	A	C.491	C.390	1.0CC	C.240
	B	12.451	14.870	0.0	17.080
(4)	Р	0.15C	C.297	0.193	1.000
	А	0.134	C.255	0.155	1.000
	В	17.361	15.904	17.033	0.0

Y / X
R : CCRRELATION CCEFICIENT
REGRESSION LINE : Y=A*X+8

		5 day av	erage		
STATICN	> x	(1)	1 21	(3)	(4)
(1)	Р	1.00C	C.637	0.706	0.439
	4	1.00C	C.699	0.733	C.499
	В	0.C	4.713	2.883	6.564
(2)	R	0.637	1-000	0.544	0.521
	A	0.581	1-000	0.515	0.543
	B	5.050	0-0	5.482	5.590
(3)	R	0.706	C.544	1.000	C-500
	A	0.679	C.574	1.000	0-587
	B	5.709	7.818	0.0	7-328
(4)	R	0.435	C.521	0.500	1-000
	A	0.387	C.499	0.425	1-000
	B	8.421	7.611	7.363	0-0

P : CCRRELATION COURTICIENT REGRESSION LINE : Y=A+X+B

(2)

1978--1980

			10 day a	verage		
STATION		> x	(1)	(2)	(3)	(4)
		F	1.000	0.669	0.807	0.629
(1)	Α	1.000	C.627	C.744	0.666
		B	0.0	5-346	2.556	3.538
		F	0.665	1.000	0.661	C-654
(2)	Δ	0.713	1.000	0.652	C.714
·		В	3.141	0.0	3.018	3.009
		ß	0-807	C.661	1.000	C.492
ť	3)	Δ	0.874	C.670	1.000	C.814
·		В	2.142	6.202	0.0	2.828
		р	0.4625	0.654	C.692	1.000
ſ	4)	Δ	0.595	0.599	0.587	1.000
•	. •	હ	5-145	5.164	4.258	C - C

PEGPESSICN FINE: A=V*X+B

∴ CChrEfvilor Ccelicievi
A \ X

Monthly total

STATICN	-		> x	(1)	(2)	(3)	(4)
			R	1.000	C-818	0.893	C-826
(1)	Д	1.000	C.720	C.81C	0.797
			В	U.C	119.101	44.104	61.290
			R	0.818	1.000	0.812	C.824
(2)	Α	0.929	1.000	0.874	C.882
			В	8.309	0.0	-5.606	25.797
			P	0.893	C-812	1.000	C.884
(3	1	Δ	0.585	0.755	1.000	0.964
			ŀ	29.667	147.499	0.0	54-288
			R	C. 826	0.824	0.884	1.000
(4)	Δ	O.856	C.771	C.812	1.000
			В	44.264	101.042	29.808	0 . C

Y / X

R : CERRELATION CCEFTCIENT REGRESSION LINE : Y=A * X+B

1954--1980

		<u>Daily</u>		
STATICA	> X	(1)	(2)	(3)
(1)	A b A A	1.000 1.000 0.0 0.255 0.227 12.974	0.255 0.266 15.132 1.000 1.000	0.358 0.347 12.598 0.259 0.230 12.812
(3)	R A E	0.358 0.370 14.514	C.259 C.291 14.939	1.000 1.000 0.0

Y / X
R : CCFRELATION CCEFICIENT PEGRESSICA LINE : Y=A+X+B

5 day average

			
STATICN> y	(1)	(2)	(3)
(1) A B	1.000 1.000 0.0	0.554 / 0.644 6.318	0.643 C.601 5.260
(5) V	0.554 0.477 5.183	1.000 1.000 0.0	0.546 0.434 5.591
(2) A	0.643	0.546	1-000

C.(RC

4.558

Y / X R : CORRELATION CONFICIENT RECRESSICA LINE : Y=A*X+B

0.686

6.690

1-000

1.000

0.0

В

(31 A

(4)

1954--1980

			10 day avera	nge	
STATICA	;	>	(1)	(2)	(3)
ſ	1)	Ь Д В	1.000 1.000 0.0	C.648 C.755 4.598	0.730 C.£73 3.889
(2)	F A F	0.648 0.557 3.752	1.000 1.000 0.0	0.632 0.486 4.418
ţ	3)	6 8	0.730 0.753 3.054	C.632 C.823 4.614	1.000 1.000 C.0
	Y		CERRELATION	CCEFICIENT	

FECRESSIGN LINE : Y=A*X+B

Monthly total

STATICN> X	(1)	(2)	(3)
(1) A B	1.000 1.000 0.0	0.847 6.938 64.663	0.883 C.805 57-218
(2) A B	0.847 0.766 27.716	1-000 1-000 0-0	0.819 0.667 50.353
μ (3) Δ Β	0.883 0.969 18.615	0.819 1.006 63.652	1.00C 1.700 C.0

Y / X
R : CCRRELATION CCEFICIENT PEGRESSION LINE : Y=A + X+H

Table 38-6 Mean Daily Temperature at Tharrawaddy

	Dec.	24.5	23.7	23.6	*	24.8	24.5	23.4	22.1	23.1	25.8	25.8	24.7	*	23.8
	Nov.	26.9	26.4	25.7	24.2	26.7	25.5	26.8	26.0	27.3	26.2	26.5	27.0	27.2	26.3
(Սուէ։ °C)	Oct.	26.7	28.4	27.5	27.2	28.7	28.0	28.2	27.8	28.3	27.5	27.7	28.0	27.9	27.8
ರ	Sep.	27.8	27.5	27.7	28.1	28.3	27.6	27.4	27.5	27.5	27.8	27.6	28.4	27.5	27.7
	Aug.	27.1	29.4	27.4	26.8	27.2	27.0	27.0	27.3	26.9	27.3	27.0	27.0	27.1	27.3
	Jul.	27.4	27.5	27.3	26.9	27.4	27.5	26.7	27.2	27.2	27.9	27.6	28.2	27.1	27.4
	Jun.	*	27.9	27.9	27.0	28.0	28.4	26.9	27.4	27.6	27.9	27.9	28.5	27.6	27.8
	May	29.9	30.9	29.4	*	*	28.0	29.1	29.5	28.4	29.8	30.7	31.1	31.7	29.8
	Apr.	30.1	31.9	31.3	*	*	31.5	28.8	30.5	30.7	30.7	51.4	31.6	32.7	31.0
	Mar.	28.8	28.7	29.1	28.8	*	28.9	28.1	28.6	28.2	29.3	28.2	29.0	29.7	28.8
	leb.	23.6	25.3	25.0	24.2	*	26.5	24.4	25.1	24.1	25.4	25.5	25.6	25.0	25.0
	Jan.	23.1	22.6	23.3	22.8	*	23.5	20.9	25.5	22.1	22.0	22.9	23.9	23.1	22.8
	Year	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	Mean

Table 38-7 Mean Monthly Wind Velocity at Tharrawaddy

Year 1970 1972

1971

1973

1974

1975

1976

1977

3550/2.7 Total 313 340 325 395 302 299 286 274 277 435 504 (Unit: mile/hour) Dec. 4.0 4.9 5.5 2.9 5.3 3.8 2.7 3.7 3.1 4.4 Nov. 2.0 2.0 2.2 2.7 1.4 Oct. 2.6 1.6 1.9 1.6 2.3 1.9 1.9 1.8 1.2 1.4 2.4 1.3 Sep. 2.0 2.0 2.6 1.6 2.0 2.6 1.0 1.7 1.8 1.8 2.7 Aug. 5.6 2.6 2.2 2.6 1.3 2.1 3.1 2.4 Jul. 2.6 !~ !* 1.8 2.2 3.0 2.7 1.9 2.1 2.7 2.7 3.8 2.3 Jun. 2.0 2.9 2.9 2.2 2.6 4.5 2.3 2.9 2.8 2.2 3.2 2.9 3.3 3.3 2.8 2.4 3.1 May 2.7 Apr. 3.0 2.6 2.9 3.5 4.3 3.3 2.4 3.1 7 Mar. 2.5 2.8 2.4 2.5 2.8 2.8 2.2 1.9 3.8 3.8 Feb. 2.0 2.3 2.2 2.3 1.7 1.8 3.4 2.4 3.1 Jan. 3.0 1.9 3.0 2.0 1.9 4.5 3.6 2.6 2.8 1.3 2.4 1.8

1979

1980

1978

Mean

Table 38-8 Mean Daily Relative Humidity at Imaubi

		Dec.		72	70	79	7	70	7 .	7 (69	69	99	77		72	77	72	7.4	, ,	/0	74	7.0	63	63	9 4	3	71
	(%)	Nov.		80	74	78	80	2 00 00 00 00 00 00 00 00 00 00 00 00 00	. «	י מ מ	Ω ;	7.1	74	78	1	74	78	83	500	23	2 6	8/	74	7.2	72	78)	77
	(Unit:	Oct.	c	ο Ο	84	98	88	87	25) O	0 0	335	78	84	ć	81	83	83	83	8) -	40	81	81	80	7 0)	84
aubı		Sep.	C	n :	90	93	91	90	06	000) 0	QQ	83	06	0	/0	85	35	87	80	0	n o	87	ဆ	80 131	91	ı	89
ty at Hmaubı		Aug.	70	, c	7	92	35	90	92	93) C	# ! h	93	93	76	i t	93	93	93	93	ν,		96	92	06	88		92
Relative Numidity		Jul.	43	; [36	93	88	89	92	86	93) (76	83	47	7 C	χ.	93	16	06	υb) (88	87	89	93		90
		Jun.	20	00	0 (06	90	92	90	87	6		68	90	63	3 6) i	90	86	91	80		600	86	88	06		89
Mean Daily		Mary	79	76	2 ,	99	83	7.8	81	74	76	1 .	Ç/	83	70	1 7	→ (85	81	84	86	75	י ר ט כ	· ·	76	63		77
5B-8 Mo		Apr.	57	2	; .	,	53	52	57	09	55 80 80	1 1	/ c	24	40	67) t	, n	5,	24	61	52	1 11 1 13	3 1	2/	33		56
lable 3		Mar.	53	ហ) } •	90	4 N	20	20	55	48	,	† †	55	56	56	3 0	n c	28	65	57	63	9 9	2 .	10	60	!	55
		Feb.	64	59	. 5	9 (75	53	6†	54	55	7.5	ì	os.	53	55	1,9	3 1	cc	3	20	57	φ; ψ;) i		م در	ţ	çç
		Jan.	65	64	4	3 3	00	9 9	0.	61	61	5.88		00	65	61	99) (7. 1	ر ان	63	69	67	7.5)))	000	ř	ço
		Year	1961	1962	1963	1064	1904	1965	1906	1967	1968	1969	1070	0/61	1261	1972	1973	197.1	1 (1	1975	1970	1977	1978	1979	0001	0061	Moon	Medall

Table 38-9 Mean Monthly Sunshine Time at Hmawbi

day)	Total	782	269	*	*	541	837	812	769	820	778	782	807	749	785	605	296	706	806	5.9/11372
hour/day)	Dec.	8.4	*	*	*	9.2	9.7	6.6	7.7	9.2	5.6	9.3	9.7	8.9	8.2	0	9.4	8.6	8.8	7.7
(Unit:	Nov.	0.6	8.2	*	t	9.4	0.6	8.4	8.4	9.1	8.9	6.8	6.7	9.2	8.3	0	9.2	0	7.6	7.3
	Oct.	6.7	0.9	*	*	6.2	6.5	8.0	6.7	7.1	8.	8.2	6.5	5,5	7.1	7.4	4.3	7.4	9.9	6.8
	Sep.	3.1	3.7	*	*	3.4	4.7	4.8	4.0	5.0	4.9	3.5	5.3	4.0	4.1	4.3	3.1	5.8	3.5	4.2
	Aug.	2.7	2.6	*	*	1.2	ы. 13	2.7	2.9	C1 C1	2.8	2.0	3.5	2.4	3.0	0	1.9	2.2	3.5	2.4
	Jul.	1.5	4.2	*	+	2.9	.; 4.	2.0	1.8	2.0	2.0	2.0	2.6	5.1	1.9	0	1.7	1.1	2.2	2.1
	Jun.	3.1	2.3	*	*	1.8	3.1	2.6	2.7	2.2	3.5		2.5	2.5	4.5	3.8	0	3.0	3.4	2.8
	May	8.5	5.2	*	*	0	8.4	6.4	4.7	7.2	7.2	5.2	6.7	5.0	5.2	9.1	0	5.5	7.1	5.7
	Apr.	9.5	9.7	*	*	0	9.6	9.6	7.6	10.4	8.7	10.0	9.2	8.7	8.8	9.4	0	0.6	9.6	8.2
	Mar.	8.3	8.2	*	*	0	8.8	8.2	9.1	8.3	8.6	8.2	8.3	8.2	8.9	8.0	0	9.5	9.5	7.5
	Feb.	8.4	9.7	*	*	0	8.6	6.6	9.5	10.1	10.0	9.6	10.0	9.4	9.6	9.7	0	9.3	9.7	8.4
	Jan.	9.0	9.9	*	*	0	9.4	8.7	7.6	9.2	9.5	9.7	9.7	8.0	9.1	8.8	0	9.2	9.4	8.1
	Year	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	Mean

Table 38-10 Monthly Total Evaporation at Tharrawaddy

			lable	e 58-10		Monthly lotal Lvaporation at	todevi j	ation :	at Thari	Tharrawaddy			
											(Un 1 t :	(ww	
Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1966	*	÷	*	*	*	117	105	95	111	116	*	130	*
1967	139	140	217	2.13	84	45	43	¥	110	122	120	116	*
1968	133	160	233	240	192	114	96	90	117	121	138	136	1,770
1969	146	168	223	*	189	114	112	118	117	140	108	112	٠
1970	123	153	204	246	156	601	*	155	121	113	113	120	*
1				ı									
1971	129	163	220	743	216	123	144	150	167	196	138	128	2,017
1972	130	165	228	194	203	111	112	121	119	122	100	97	1,702
1975	114	134	189	238	188	144	115	119	118	126	92	118	1,695
1974	115	160	202	222	187	108	122	122	137	180	141	218	1,914
1975	140	157	223	233	173	123	125	151	146	161	181	109	1,922
1976	119	153	217	228	129	86	84	99	118	148	187	170	1,750
1977	*	*	261	*	*	52 53	59	52	74	122	178	196	*
1978	151	175	231	259	163	7.2	61	42	80	103	136	123	1,596
1979	146	183	221	209	145	96	82	65	109	151	152	115	1,674
1980	167	178	241	245	224	41	31	20	38	110	66	142	1,536
Mean/month	h 135	161	222	253	173	98	92	100	112	155	134	135	1,750
Nean/day	₽. 1	5.7	7.2	7.8	5.6	5.53	3.0	3.2	3.7	4.5	4.5	4.4	
		100	7	1 - 4 -									

Note: * no data

Runoff Analysis by the Multiple Regression Method

This method is applied to analyze the rainfall-runoff, in placing the catchment area as black box, by solving the response function of input-output by multiple regression analysis. Herein, the method developed by Shiraishi, Onishi and Ito of the Agricultural Engineering Research Station, Ministry of Agriculture, Forestry and Fisheries, Japan, was applied, although there is a variety of approaches available.

The method used herein is to explain the runoff by linear part of the rainfall and the non-linear second order terms on the part that cannot be given by the linear expression, and no higher terms than the third order shall be out of consideration. In particular, the runoff will be given in a statistical unit hydrograph when only the linear part is obtained.

1. Theory of Runoff Analysis by Multiple Regression Method

When the observation values of runoff (Q) and rainfall (R) are available, the runoff (Q) in general can be given as function of the rainfall (R).

$$Qi = f(Ri_1, Ri_2, Ri_3, ---- Rin)$$
 ----- (1)

Where, Ri_1 = Rainfall on the day when runoff takes place Ri_2 = Rainfall one day before runoff takes place Ri_3 = Rainfall two days before runoff takes place

If runoff can be given as the first order combination of rainfall, the equation (1) can be expressed as follows;

$$0i = \beta_0 + \beta_1 Ri_1 + \beta_0 Ri_2 + ---- \beta_0 Rin + \epsilon i --- (2)$$

Where, β_0 , β_1 --- βn = Unknown parameters ϵ_1 = The residues that cannot be expressed by Ri_1 -- Rin

The multiple regression analysis is to obtain the best available universal estimates of these knownen parameters, β_0 , β_1 --- βn , by the method of the least squares.

In order to obtain the b_o, b₁, --- bn as the estimates of β_o , β_1 --- βn , the quadratic sum of the residues,

$$E = \sum \{Qi - (b_0 + b_1Ri_1 + \dots - b_1Ri_n)\}^2$$
 ----- (3)

shall be minimized. In other words, the following equation can be obtained.

$$\frac{\partial E}{\partial b_{o}} = -2\Sigma \{Q_{1} - (b_{o} + b_{1}Ri_{1} + ---- bnRin)\} = 0$$

$$\frac{\partial E}{\partial b_{o}} = -2\Sigma Ri_{1} \{Q_{1} - (b_{o} + b_{1}Ri_{1} + --- bnRin)\} = 0$$

$$\frac{E}{b_{o}} = -2\Sigma Rin \{Q_{1} - (b_{o} + b_{1}Ri_{1} + --- bnRin)\} = 0$$

$$-- (4)$$

These equations shall be arranged to obtain a first order simultaneous equation, so-called normal equation, with b_{o} , b_{1} , -- bn as unknowns.

$$nb_{o} + (\Sigma Ri_{1})b_{1} + (\Sigma Ri_{2})b_{2} + ---- + (\Sigma Rin)bn = \Sigma Qi$$

$$(\Sigma Ri_{1})b_{o} + (\Sigma Ri_{1}^{2})b + (\Sigma Ri_{1} Ri_{2})b_{2} + -- + (\Sigma Ri_{1} Rin)bn = \Sigma Ri_{1} Qi$$

$$(\Sigma Ri_{2})b_{o} + (\Sigma Ri_{1}Ri_{2})b_{1} + (\Sigma Ri_{2}^{2})b_{2} + -- + (\Sigma Ri_{2} Rin)bn = \Sigma Ri_{2} Qi$$
(5)

$$(\Sigma Rin)b_0 + (\Sigma Ri_1Rin)b_1 + (\Sigma Ri_2Rin)b_2 + -- + (\Sigma Rin^2)b_1 = \Sigma Rin Qi$$

The second order term expressing the non-linear runoff shall be given by the following second order regression model so as to express the residue (e) between observation values and the linear estimated discharges.

ci = Qi - EQi
=
$$\alpha_o + \sum_{j=i}^{i+n} \sum_{k=j}^{i+n} \alpha_{jk} R_j R_k + \epsilon_i$$
 -----(6)

In the same manner that was applied to the case of the linear part of runoff, the quadratic sum of the residues shall be minimized to determine α_o , α_{1J} . When the best available universal estimates are taken as a_o and a_{1J} , the quadratic sum of the residues which can be expressed by

$$E = \Sigma \{ei - (a_o + \sum_{j=i}^{i+n} \sum_{k=j}^{i+n} Gjk Rj Rk)\}^2 -----(7)$$

requires to establish the following equation for minimizing the value of the equation (7).

$$\frac{\partial E}{\partial a_{o}} = -2\Sigma \{ e_{i} - (a_{o} + \sum_{j=i}^{i+n} \sum_{k=j}^{i+n} G_{jk} R_{j} R_{k}) \} = 0$$

$$\frac{\partial E}{\partial G_{em}} = -2\Sigma R_{e} R_{m} \{ e_{i} - (a_{o} + \sum_{j=i}^{i+n} \sum_{k=j}^{i+n} G_{jk} R_{j} R_{k}) \} = 0$$
(8)

The above is a simultaneous equation with a and Ojk as unknowns, and this is arranged to give the following equations.

na_o +
$$\sum_{j=i}^{i+n} \sum_{k=j}^{i+n} O_{jk} R_{j} R_{k} = \Sigma e_{i}$$

$$(\Sigma \operatorname{Re} \ \operatorname{Rm})_{a_o} + \Sigma \{\operatorname{Re} \ \operatorname{Rm} \ \sum_{j=i}^{i+n} \ \sum_{k=j}^{i+n} \ \operatorname{Qjk} \ \operatorname{Rj} \ \operatorname{Rk} \} = \Sigma \ \operatorname{Re} \ \operatorname{Rm} \ e_j$$

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TITAL FOR YEAR 2516.274 CUM/SFC

STATICA CKKAN DAM SITE (CA=225 SO.KM)

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2         0.0         0.175         0.0         0.194         0.0         10.882         6.277         31.31           3         0.0         0.0109         0.0         0.274         3.568         21.685         11.562         18.15           4         0.0         0.111         0.0         0.127         22.165         22.945         8.627         15.71           5         0.0         0.0         0.111         0.0         0.362         18.158         13.646         4.410         11.           6         0.0         0.0         0.111         0.0         0.362         18.158         21.945         19.201           7         0.0         0.0         0.127         0.552         12.216         22.945         8.627         15.227           8         0.0         0.0         0.127         0.252         12.216         12.245         11.542         10.0           9         0.0         0.0         0.0         0.491         0.0         15.241         12.241         11.356         12.245         11.542         13.242         13.242         13.242         13.242         13.242         13.242         13.242         13.242         13.242         13.2	FE	<b>4</b>	α.	◂	2	'n			CCT	NCV	DEC
2         0.0         0.109         0.0         0.274         3.568         21.685         11.562         16.277         31.568         11.562         16.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         15.277         <	O.	-11	•	• 19		0.88	.45	3.50	-20	56.	
3         0.0         0.214         0.0         0.274         3.568         21.685         11.562         18.7           4         0.0         0.111         0.0         0.127         22.165         22.945         8.627         15.7           5         0.0         0.0         0.115         0.362         1.289         21.849         21.942         10.1           7         0.0         0.0         0.127         0.587         16.895         21.849         21.942         10.1           7         0.0         0.0         0.127         0.587         16.895         21.849         21.942         10.1           8         0.0         0.0         0.150         0.265         12.096         17.355         13.242         10.1           9         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         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	• 10	•	.80	.78	0.90	.27	-	4.364	2.255	0.0
4         0.6         0.1111         0.0         0.127         22.165         22.945         8.627         15.15           5         0.0         0.0171         0.0         0.362         18.158         13.646         4.410         11.           7         0.0         0.0         0.127         0.592         0.2651         12.096         17.325         30.886         10.           8         0.0         0.0         0.127         0.261         0.265         12.096         17.325         30.886         10.           8         0.0         0.0         0.127         0.261         0.265         12.086         12.295         43.           9         0.0         0.0         0.159         0.155         14.556         11.958         10.915         23.           1         0.0         0.0         0.169         0.0         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.161         0.16	0	. 21		-27	95.	1.68	95.	A.55	79	73	
5         0.0         0.171         0.0         0.362         18.158         13.046         4.410         11.           6         0.0         0.315         1.291         0.131         16.895         21.859         21.942         10.942         10.942         10.945         11.942         10.912         10.942         10.945         10.942         10.945         10.942         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.945         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946         10.946	C	11.		. 12	.16	2.94	.62	5-63	.71	.3B	
6         0.0         0.315         1.291         0.315         1.291         0.315         1.291         0.315         1.291         0.365         12.096         17.325         30.886         8.           9         0.0         0.0         0.127         0.265         12.096         17.225         12.295         43.           9         0.0         0.0         0.159         0.155         14.556         11.998         10.915         23.           1         0.0         0.0         0.0         0.150         0.0         12.295         12.295         13.           1         0.0         0.0         0.0         0.150         0.0         12.556         12.723         15.256         12.728         18.           2         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         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         <	•	• 1.7	•	• 3¢	.15	3.04	. 41	1.74	• 20	* 85	
7         0.0         0.172         0.592         0.265         12.096         17.325         30.886         8.2           8         0.0         0.0         0.159         0.587         14.554         8.2         12.295         43.2           9         0.0         0.0         0.159         0.155         14.554         18.2         12.295         43.2           1         0.0         0.0         0.150         0.0         0.150         0.0         18.2         10.915         23.2           2         0.0         0.0         0.0         0.150         0.0         0.150         0.0         18.2         18.2         17.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2	0	.31	•29	. 13	• 8 9	1.85	1.94	9-0	- 56	.07	•
8         0.0         0.0         0.0         0.281         0.587         14.554         8.209         12.295         43.24         0.9159         0.155         14.556         11.998         10.915         23.           0         0.0         0.0         0.150         0.0         15.23         15.256         12.728         18.21           1         0.0         0.0         0.150         0.0         1.56         0.0         1.56         18.324         10.915         23.           2         0.0         0.0         0.190         0.0         0.194         0.0         1.56         18.324         10.717         20.           3         0.0         0.0         0.193         0.0         1.6.668         18.324         10.777         10.         10.777         10.777         10.777         10.777         10.777         10.777         11.698         10.         10.777         11.698         10.         10.648         10.0         10.0         10.0         10.0         10.0         11.738         10.0         11.698         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0	0	.12	.59	. 26	.09	7-32	0.88	50.	• 03	• 39	
9         0.0         0.0         0.0         0.159         0.155         14.556         11.998         10.915         23.           1         0.0         0.0         0.491         0.0         15.723         15.256         12.728         18.           1         0.0         0.0         0.150         0.0         10.414         8.324         10.797         20.           2         0.0         0.0         0.113         0.0         6.318         37.803         9.629         15.           4         0.0         0.0         0.113         0.0         6.318         36.29         15.           5         0.0         0.0         0.134         0.0         16.668         18.556         5.971         8.           6         0.0         0.0         0.149         0.0         15.904         8.757         5.239         8.           6         0.0         0.0         0.189         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.189         0.0         15.904         8.757         5.239         8.           8         0.0         0.0         0.0         0.0 </td <td>0</td> <td></td> <td>.28</td> <td>• 58</td> <td>.55</td> <td>8.2C</td> <td>2.29</td> <td>3.93</td> <td>.26</td> <td>.45</td> <td>•</td>	0		.28	• 58	.55	8.2C	2.29	3.93	.26	.45	•
0 0.0 0 0.0 0.0 0.491 0.0 15.723 15.256 12.728 18. 18. 0.0 0.0 0.0 0.0 0.150 0.150 0.0 16.490 6.156 8.813 12. 2 0.0 0.0 0.0 0.150 0.0 10.414 8.324 10.797 20. 3 0.0 0.0 0.0 0.113 0.0 0.0 15.418 8.324 10.797 20. 20. 0.0 0.0 0.113 0.0 0.0 16.468 18.56 5.921 8. 5 0.0 0.0 0.0 0.189 0.0 15.468 18.56 5.921 8. 5 0.0 0.0 0.0 0.189 0.0 12.732 15.648 2.885 10. 2 0.0 0.0 0.0 0.128 0.0 12.732 15.648 2.885 10. 2 0.0 0.0 0.0 0.128 0.0 12.732 15.648 2.885 10. 2 0.0 0.0 0.0 0.128 0.0 0.0 0.0 0.128 0.0 13.141 22.250 7. 0.0 0.0 0.0 0.128 0.0 0.0 0.0 0.128 0.0 0.0 0.0 0.128 0.0 0.0 0.0 0.0 0.128 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0		. I š		• 55	56.	0.91	3.38	0 5 . 9	• 03	
1         0.0         0.0         0.150         0.0         6.156         8.813         12.           2         0.0         0.0         0.487         0.0         10.414         8.324         10.797         20.           3         0.0         0.0         0.194         0.0         6.371         28.186         3.659         15.           4         0.0         0.0         0.113         0.0         6.371         28.186         3.659         15.           5         0.0         0.0         0.135         0.0         15.648         3.650         22.           6         0.0         0.0         0.115         0.0         15.910         13.141         22.259         8.           8         0.0         0.0         0.158         0.0         15.910         13.141         22.259         8.           9         0.0         0.0         0.128         0.0         15.910         13.141         22.259         11.781         11.738         6.           9         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 <td>0</td> <td></td> <td>. 49</td> <td></td> <td>-22</td> <td>.25</td> <td>2-12</td> <td>8.66</td> <td>1.23</td> <td>- 54</td> <td>•</td>	0		. 49		-22	.25	2-12	8.66	1.23	- 54	•
2         0.0         0.487         0.0         10.414         8.324         10.797         20           3         0.0         0.0194         0.0         9.538         37.803         9.629         15.           4         0.0         0.0113         0.0         6.371         28.186         3.650         22.           5         0.0         0.0         0.013         0.0         16.668         18.556         5.239         8.           6         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           8         0.0         0.0         0.189         0.0         15.904         8.757         5.239         8.           9         0.0         0.0         0.189         0.0         11.712         12.236         10.7           1         0.0         0.0         0.128         0.0         0.1245         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 <td>0</td> <td>•</td> <td>.15</td> <td></td> <td>64.</td> <td>.15</td> <td>. 8 L</td> <td>2-95</td> <td>.72</td> <td>• 45</td> <td></td>	0	•	.15		64.	.15	. 8 L	2-95	.72	• 45	
3         0.0         0.194         0.0         6.371         28.186         3.650         22.           4         0.0         0.0         0.113         0.0         6.371         28.186         3.650         22.           5         0.0         0.0         0.015         0.0         16.668         18.556         5.239         8.           6         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.189         0.0         12.732         15.648         2.885         10.           8         0.0         0.0         0.189         0.0         12.732         15.648         2.885         10.           9         0.0         0.0         0.128         0.0         12.465         11.58         10.           1         0.0         0.0         0.0         0.0         0.0         15.260         12.465         11.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.698         14.69	0	9	.487		.41	.32	• 79	96.0	<b>.</b> 34	• 16	
4         0.0         0.113         0.0         6.371         28.186         3.650         22.           5         0.0         0.0         0.243         0.0         16.668         18.556         5.931         8.           6         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.189         0.0         12.910         13.141         22.230         7.           8         0.0         0.0         0.0         0.128         0.0         12.910         13.141         22.250         7.           9         0.0         0.0         0.0         0.128         0.0         12.910         13.141         22.250         7.           9         0.0         0.0         0.0         0.0         0.0         0.0         11.738         6.           1         0.0         0.0         0.0         0.0         0.0         0.0         0.0         11.738         14.           2         0.0         0.0         0.0         0.0         0.0         0.0         15.7412         11.739         11.874         11.867         11.867         11.867	0		194	•	.53	7.80	.62	5.33	.51	.25	•
5         0.0         0.243         0.0         16.668         18.956         5.921         8.           6         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.189         0.0         12.910         13.141         22.250         7.           8         0.0         0.0         0.128         0.0         7.571         22.465         11.738         6.           9         0.0         0.0         0.128         0.0         7.571         22.465         11.738         6.           9         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         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         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 </td <td>0</td> <td>•</td> <td>11.</td> <td>•</td> <td>.37</td> <td>8.18</td> <td>-65</td> <td>2.64</td> <td>.70</td> <td>.35</td> <td></td>	0	•	11.	•	.37	8.18	-65	2.64	.70	.35	
6         0.0         0.0         0.115         0.0         15.904         8.757         5.239         8.           7         0.0         0.0         0.189         0.0         12.732         15.648         2.885         10.           8         0.0         0.0         0.0         0.128         0.0         7.571         22.250         7.           9         0.0         0.0         0.0         0.0         0.0         1.0         7.         11.738         6.           0         0         0.0         0.0         0.0         0.0         0.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         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         0.0         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		.24	•	• 6 é	8.55	<u>. 92</u>	8-68	. <b>7</b> 2	30°	, .
7 0.0 0.0 0.0 0.189 0.0 12.782 15.648 2.885 10.70 0.0 0.0 0.367 0.0 12.910 13.141 22.250 7.70 0.0 0.0 0.128 0.0 7.571 22.465 11.738 6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.128 0.0 17.0 11.698 14.0 0.0 0.0 0.0 0.0 0.0 0.0 15.250 12.412 13.226 6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	•0		. 11		• 90	8.75	• 23	000	- 24	.87	
8         0.0         0.367         0.0         12.910         13.141         22.250         7.571         22.465         11.738         6.0           9         0.0         0.0         0.128         0.0         7.571         22.465         11.738         6.0           0         0.0         0.0         0.0         0.0         0.0         11.698         14.0           1         0.0         0.0         0.0         0.0         0.2412         13.226         6.0           2         0.0         0.0         0.0         0.0         0.2412         13.226         6.0           4         0.0         0.0         0.0         0.0         0.2412         13.226         6.0           5         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         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	•	. 18		. 7.3	5-64	• 8 B	- 91	• 23	19.	
9 0.0 0.0 0.0 0.0 0.128 0.C 7.571 22.465 11.738 6.0 0.C 0.0 0.0 0.0 0.0 0.0 0.0 12.412 13.226 6.0 11.698 14.0 0.C 0.0 0.0 0.0 0.0 0.0 15.750 12.412 13.226 6.0 0.0 0.0 0.0 0.C 9.251 15.934 11.867 5.3 0.0 0.456 0.0 0.0 0.0 0.C 9.251 15.934 11.867 5.3 0.0 0.456 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0	٠	• 36	•	.91	3-14	. 25	• 05	- 97	-07	•
0         0.0         0.0         0.0         0.0         11.698         14.           1         0.0         0.0         0.0         0.0         12.412         13.226         6.           2         0.0         1.060         0.0         0.0         0.0         9.251         15.412         13.226         6.           3         0.0         0.0         0.0         0.0         9.251         15.412         13.226         6.           4         0.0         0.0         0.0         0.0         9.251         15.965         3.898         10.           5         0.0         0.0         0.0         0.0         0.0         8.947         16.743         10.846         10.           6         0.0         0.0         0.0         0.0         6.550         20.150         6.540         8.           6         0.0         0.0         2.256         0.0         4.038         15.970         6.213         5.           7         0.0         0.0         0.9593         0.0         4.038         15.970         11.113         4.           8         0.0         0.0         0.9993         0.0         2.2.987	0		. 12		- 57	2.46	• 73	900	• 45	• 10	•
1       0.0       0.0       0.0       15.750       12.412       13.226       6.         2       0.0       1.060       0.0       0.0       0.0       9.251       15.934       11.867       5.         3       0.0       0.0       0.0       0.0       0.0       3.894       11.867       5.         4       0.0       0.0       0.0       0.0       3.898       10.         5       0.0       0.0       0.0       6.570       20.150       6.540       8.         6       0.0       0.0       2.256       0.0       4.038       15.970       6.513       5.         7       0.0       0.739       0.0       4.038       15.970       6.213       5.         8       0.0       0.0       0.9993       0.0       4.038       15.970       6.213       5.         9       0.0       0.230       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       0.0       0.0       0.0       0.0       0.0       0.0       0	°				-28	0.77	69.	•37	-22	<b>.</b> 68	• :
2       0.0       1.0660       0.0       0.0       0.0       0.251       15.934       11.867       5.         3       0.0       0.456       0.0       0.0       0.0       5.771       12.966       3.898       10.         4       0.0       0.0       0.0       0.0       0.0       8.947       16.743       10.846       10.         5       0.0       0.146       0.0       0.0       0.0       6.550       20.150       6.540       8.         6       0.0       0.0       2.256       0.0       4.038       15.970       6.513       5.         7       0.0       0.7       0.993       0.0       4.038       15.970       6.213       5.         8       0.0       0.430       0.0       14.987       11.113       4.         9       0.0       0.210       0.0       2.2987       11.353       17.762       16.         0       0.0       0.9811       0.0       19.740       10.874       21.108       7.	•			٠	. 25	2.41	- 22	• 2 ¢	• 9¢	66.	
3       0.0       0.456       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       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       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       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       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       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0	1.06	•			• 25	5.93	8C	• 19	• 84	• 23	
4       0.0       0.0       0.0       0.0       0.0       0.0       0.0       6.550       20.150       6.540       8.         5       0.0       0.146       0.0       0.0       0.0       6.550       20.150       6.540       8.         7       0.0       0.415       0.0       2.256       0.0       4.038       15.970       6.213       5.         8       0.0       0.139       0.0       0.993       0.0       14.987       10.817       11.113       4.         9       0.0       0.430       0.0       0.430       0.0       44.045       13.352       7.888       4.         9       0.0       0.210       0.0       0.210       0.0       22.987       11.353       17.762       16.         0       0.0       0.811       0.0       19.740       10.874       21.108       7.	55.0	•	•	•	.77	2.90	<b>.</b> 89	0.31	• 85	• 66	•
5       0.0       0.146       0.0       0.0       6.550       20.150       6.213       5.         6       0.0       0.415       0.0       2.256       0.0       4.038       15.970       6.213       5.         7       0.0       0.139       0.0       0.993       0.0       14.987       10.817       11.113       4.         8       0.0       0.430       0.0       44.045       13.352       7.888       4.         9       0.0       0.210       0.0       22.987       11.343       17.762       16.         0       0.0       0.811       0.0       19.740       10.874       21.108       7.	0-24				• 94	6.74	9.4	0.25	•28	• 04	
6 0.0 0.415 0.0 2.256 0.0 4.038 15.970 6.213 5. 7 0.0 0.139 0.0 0.993 0.0 14.987 10.817 11.113 4. 8 0.0 0.411 0.0 0.430 0.0 44.045 13.352 7.888 4. 9 0.0 0.0 0.210 0.0 22.987 11.363 17.762 16. 0 0.0 0.0 0.811 0.0 19.740 10.874 21.108 7.	0.14	•			. 55	0.15	• 54	• 06	• 68	• 32	•
7 0.0 0.139 0.0 0.993 0.0 14.987 10.817 11.113 4. 8 0.0 0.411 0.0 0.430 0.0 44.045 13.352 7.888 4. 9 0.0 0.0 0.210 0.0 22.987 11.363 17.702 16. 0 0.0 0.0 0.811 0.0 19.740 10.874 21.108 7.	0.41		• 25		• 0 ·	26.5	.21	. 17	3€.	• 38	
8 0.0 0.411 0.0 0.430 0.0 44.045 13.352 7.888 4. 9 0.0 0.0 0.0 0.210 0.0 22.987 11.363 17.762 16. 0 0.0 0.0 0.0 0.811 0.0 19.740 10.874 21.108 7.	0.13	•	66		4.98	.81	- 11	33	88	• 16	
9 0.c 0.0 0.210 0.C 22.987 11.363 17.762 16. 0 0.0 0.0 0.0 0.811 0.C 19.740 10.874 21.108 7.	0.41		643		4.04	.35	• 88	. 51	. 23	0	
0 0.0 0.0 0.0 0.811 0.0 19.740 10.874 21.108 7.	C	•	.21	•	2-58	• 36	.76	. 89	• 85	•	•
		•	.83		9.14	₽3.	. 10	• 28	£2*	. 16	
I 0.0 0.0 0.0 0.0 5.452 II.57	C	•		٠		• 45	ις. -		15		•
CIAL 0.0 2.912 1.217 9.500 7.89 480.822 341.032 401.8	2.912	1.217	9.500	-7 pc	06 00		717		101 631	63 441	

TCTAL FOR YEAR= 1881.C5C CUM/SEC

TCTAL FOR YEAR= 2636.011 CUM/SEC

STATICH OKKAN CAM SITE (CA=225 SQ.KM)

JAA	FEB	MAR	АРР	μΑγ	JUNE	JULY	AUG	SEP	OCT	NON	DEC	
•	i •			E	3-76	4.4	4.76	0	27.44	7	0.0	
•				Ŗ	1.49	14	1.26	4-09	17.04	5	0-0	
				59	7.30		Ž. 95	6.58	12.32	7	0.0	
•	•			5	3-96	22	0.39	2.51	5.47	23	0.0	
			_	00.6	06.8	9	4.34	44	11,10	2	0-0	
			•	4.60	4.83	47	3.13	. 82	3.64	9	0.0	
		•	•	0.06	0.27	4	3.18	. 40	6-94	58	0-0	
	•		-	9.37	3.91	2.80	5.87	4	3.86	8	0.0	,
			•	2	7.02	2.03	7.00	99.	15.27	28	0.0	
•			•	50	8.79	9.77	9	4.	10,30	2	0.0	
•	96.		•	2.10	4.43	6.13	8.21	. 8(	13.65	8	0.0	
	.93			8.C8	7.57	5.4(	0.81	3.7	10.2	Š	0.0	
•	<b>.</b> 8 4			15.4	2.39	5.09	9.46	6.	13.1(	ŭ	0-0	
	.37			1.56	7.81	~	6	. n	6.7	-	0.0	
	46			6.79	0.0	Ŋ	7.1	3.7	10.1	N	0.0	
•	-67	•	. 14	2.49	æ	ပဲ	3.5	9.9	30.0	_	0.0	
	54.	•	. 1.	1.2	ဆ	Ñ	6	5.8	15.3	Ñ	0-0	
•	• 64		•	3.70	<u>~</u>	6.50	5.8	2.5	12.0	m	0.0	
•	.23	•		5-3	'n	0.3	6.0	1.4	3.8	-	0.0	
•	-22	•	0	2.9	2	1.3	4 - 4	7.5	12.6	_	0.0	
	-25		. 13,	2.5	~	7.8	9.9	8.1	5,3	ō	0.0	
•	• 1 R		.10	3.7	9	0.7	4.6	1.1	11.1	0.0	0.0	
	- 4 1		•	6.8	7	3.4	7.5	0.0	5.3	0•0	0.0	
•	- 45		•	15.	5	9°0	5.5		2.6	0.0	0.0	
•	• 13	•	•	Š.	2	7.9	4-4	•	3.9	0.0	0.0	
•			, 10	ŝ	E.	3.2	1.2	'n	.3	0.0	0 • 0	
•			. 12	ū	0.	0.7	2.2	٦.	2.7	0.0	0.0	,
		•		Ü	7	7.7	ů	~	6.1	0.0	0.0	
•		٠	.87	5.1	6	0	\$	~	1.1	0.0	0 0	
•		•	83	7.4	2	~	8	~	3.9	0.0	0.0	
•		•		4 - 4		0	5		4		0.0	
1:•	1 2 2	ίij	A 7	70.23	46-81	Eo. Pô	95.65	53.14	85.74	0.15	j , •	
ıį		·i			· i	)   					• 1	
			00000000000000000000000000000000000000	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 0.0	0.0         0.0         0.0         0.371         23.           0.0         0.0         0.0         5.599         27.           0.0         0.0         0.0         2.153         23.           0.0         0.0         0.0         2.153         23.           0.0         0.0         0.0         2.153         23.           0.0         0.0         0.0         2.153         23.           0.0         0.0         0.0         24.605         34.           0.0         0.0         0.0         24.605         34.           0.0         0.0         0.0         10.245         27.           0.0         0.0         0.0         12.450         28.           0.0         0.0         0.0         12.450         34.           0.0         0.0         0.0         14.915         12.           0.0         0.0         0.0         14.915         12.           0.0         0.0         0.0         14.915         12.           0.0         0.0         0.0         14.915         12.           0.0         0.0         0.0         0.0         0.0         0.0	0.0         0.0         0.0         0.371         23.76           0.0         0.0         0.0         5.599         27.30           0.0         0.0         0.0         2.163         27.37           0.0         0.0         0.0         2.163         27.37           0.0         0.0         0.0         2.163         27.37           0.0         0.0         0.0         2.163         27.483           0.0         0.0         0.0         20.65         24.83           0.0         0.0         0.0         20.65         24.83           0.0         0.0         0.0         10.245         27.02           0.0         0.0         0.0         10.245         27.02           0.0         0.0         0.0         10.245         27.02           0.0         0.0         0.0         10.245         27.02           0.0         0.0         0.0         10.245         27.02           0.0         0.0         0.0         11.245         24.73           0.0         0.0         0.0         11.230         7.88           0.0         0.245         0.0         0.0         11.230 <td>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         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         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         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         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         0.0         0.0<td>C         0.0         0.2711         23.7496         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         <t< td=""><td>C         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         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         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         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         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         0.0</td><td>C         O.O.         O.S. 71         23.769         3.445         14.765         17.06         17.06           C         O.O.         O.O.         5.599         27.305         7.154         17.265         14.090         17.04           C         O.O.         O.O.         O.O.         2.163         27.305         7.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         2.163         27.305         17.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         O.O.         24.695         27.305         17.154         17.958         18.232           O         O.O.         O.O.         O.O.         0.0.         0.0.         14.73         31.31         6.824         3.46           O         O.O.         O.O.         O.O.         0.0.         17.501         28.73         7.47         31.31         6.824         3.64           O         O.O.         O.O.         17.501         28.73         17.47         31.34         6.824         3.64           O         O.O.         O.O.         17.502         12.202         12.34         17.34</td><td>C         0.0         0.271         27.769         3.445         14.765         7.004         27.446         0.259           C         0.0         0.0         5.599         27.496         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.476         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.473         31.16         6.824         31.114           C         0.0         0.0         24.605         20.270         3.473         31.136         6.824         3.642         1.431           C         0.0         0.0         24.605         20.270         3.473         31.166         15.476         9.244         0.284           C         0.0         0.0         12.405         21.705         20.205         3.642         11.431         11.431         11.431         11.441         11.441         11.441         11.441         11.441         11.441         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.444         11.441         11.442</td></t<></td></td>	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         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         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         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         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         0.0         0.0 <td>C         0.0         0.2711         23.7496         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         <t< td=""><td>C         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         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         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         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         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         0.0</td><td>C         O.O.         O.S. 71         23.769         3.445         14.765         17.06         17.06           C         O.O.         O.O.         5.599         27.305         7.154         17.265         14.090         17.04           C         O.O.         O.O.         O.O.         2.163         27.305         7.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         2.163         27.305         17.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         O.O.         24.695         27.305         17.154         17.958         18.232           O         O.O.         O.O.         O.O.         0.0.         0.0.         14.73         31.31         6.824         3.46           O         O.O.         O.O.         O.O.         0.0.         17.501         28.73         7.47         31.31         6.824         3.64           O         O.O.         O.O.         17.501         28.73         17.47         31.34         6.824         3.64           O         O.O.         O.O.         17.502         12.202         12.34         17.34</td><td>C         0.0         0.271         27.769         3.445         14.765         7.004         27.446         0.259           C         0.0         0.0         5.599         27.496         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.476         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.473         31.16         6.824         31.114           C         0.0         0.0         24.605         20.270         3.473         31.136         6.824         3.642         1.431           C         0.0         0.0         24.605         20.270         3.473         31.166         15.476         9.244         0.284           C         0.0         0.0         12.405         21.705         20.205         3.642         11.431         11.431         11.431         11.441         11.441         11.441         11.441         11.441         11.441         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.444         11.441         11.442</td></t<></td>	C         0.0         0.2711         23.7496         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         6.141         11.265         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96         14.96 <t< td=""><td>C         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         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         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         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         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         0.0</td><td>C         O.O.         O.S. 71         23.769         3.445         14.765         17.06         17.06           C         O.O.         O.O.         5.599         27.305         7.154         17.265         14.090         17.04           C         O.O.         O.O.         O.O.         2.163         27.305         7.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         2.163         27.305         17.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         O.O.         24.695         27.305         17.154         17.958         18.232           O         O.O.         O.O.         O.O.         0.0.         0.0.         14.73         31.31         6.824         3.46           O         O.O.         O.O.         O.O.         0.0.         17.501         28.73         7.47         31.31         6.824         3.64           O         O.O.         O.O.         17.501         28.73         17.47         31.34         6.824         3.64           O         O.O.         O.O.         17.502         12.202         12.34         17.34</td><td>C         0.0         0.271         27.769         3.445         14.765         7.004         27.446         0.259           C         0.0         0.0         5.599         27.496         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.476         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.473         31.16         6.824         31.114           C         0.0         0.0         24.605         20.270         3.473         31.136         6.824         3.642         1.431           C         0.0         0.0         24.605         20.270         3.473         31.166         15.476         9.244         0.284           C         0.0         0.0         12.405         21.705         20.205         3.642         11.431         11.431         11.431         11.441         11.441         11.441         11.441         11.441         11.441         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.444         11.441         11.442</td></t<>	C         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         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         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         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         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         0.0	C         O.O.         O.S. 71         23.769         3.445         14.765         17.06         17.06           C         O.O.         O.O.         5.599         27.305         7.154         17.265         14.090         17.04           C         O.O.         O.O.         O.O.         2.163         27.305         7.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         2.163         27.305         17.154         17.958         16.583         12.32           O         O.O.         O.O.         O.O.         O.O.         24.695         27.305         17.154         17.958         18.232           O         O.O.         O.O.         O.O.         0.0.         0.0.         14.73         31.31         6.824         3.46           O         O.O.         O.O.         O.O.         0.0.         17.501         28.73         7.47         31.31         6.824         3.64           O         O.O.         O.O.         17.501         28.73         17.47         31.34         6.824         3.64           O         O.O.         O.O.         17.502         12.202         12.34         17.34	C         0.0         0.271         27.769         3.445         14.765         7.004         27.446         0.259           C         0.0         0.0         5.599         27.496         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.476         6.141         11.265         14.090         17.046         0.259           C         0.0         0.0         2.163         27.473         31.16         6.824         31.114           C         0.0         0.0         24.605         20.270         3.473         31.136         6.824         3.642         1.431           C         0.0         0.0         24.605         20.270         3.473         31.166         15.476         9.244         0.284           C         0.0         0.0         12.405         21.705         20.205         3.642         11.431         11.431         11.431         11.441         11.441         11.441         11.441         11.441         11.441         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.442         11.444         11.441         11.442

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	NCV	.93	51.	9 6	•2B	.53	•24	• 04	0.226	•03	• 33	• 13	• 44	. 14	.31	-74	- 17							•	•		٠	•	•		•		10.740	
	ככו	5.85	8.41	7.27	6.02	4.67	2.23	3.11	15.100	4.52	7-36	• 58	+25	.98	.57	.56	84	• 94	.77	•30	• 15	• 25	• 96	• 74	• 52	.81	• 34	. 22	•26	• 07	.67	.57	266.050	
1	SEP	2-11	2.39	0.37	0.24	-92	9.46	. 22	12.312	0.41	34	1.86	• 53	.31	-81	11	56.	648	. 55.55	0.17	• 52	5.37	.22	.51	9.78	3-73	.60	5.77	5.57	0.87	7.12		403.464	
t ( )	AUG	5 4 6	- 85	.91	<b>24</b>	.21	-11	• 05	9-275	<b>60</b>	• 38	• 32	. 55	.40	. 2B	.21	.20	19.	- 42	4.01	3.20	6.13	4.16	1.32	0.02	6.43	.22	7.21	1.89	1-33	.63	• 14	327.010	
1001/2	JULY	4.15	3.04	6.47	0.16	3.60	5.49	3.55	21.078	8.36	0.37	4-47	4.10	6-11	3.84	9.30	4.67	2.BE	3-72	50.4	3.63	4.97	8.54	1.2C	1.36	6.19	61.6	• 08	• 96	-85	8.	• 59	707.402	
1661	JUNE	4.0	3.91	0.25	4.08	0.28	1.59	1.84	24	5.79	5.41	4.61	5.63	1.67	9.13	. 93	2.91	• 64	.67	1.78	00.	0.75	32	• 21	• 65	• 45	60.	- 74	• 63	-77	.80		504.900	
בחשמפב דטא	MAY	0.0	•				•	•	٥ • ٥		•			•			•	•	•				•						6		~	<b>6</b> • 4	81.401	
111 0130	APR	0.0	•				•						•						•					•	9			ı	•	•			0.0	
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		-				1		ì ;																				1						•

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TCTAL FER YEAR 2605-623 CLM/SEC

STATICA NKKAN DAM SITE (CA=225 SG.KM)

AN THE GET OF	G SEP CCI NUV DEC	091 34,120 5,585 5	*O DODO+ OKI*27 040*01 /50	527 13.067 8.854 2.543 U.	692 19.661 3.043 1.259 0.	424 14.387 6.9C8 0.941 0.	734 25,305 2,740 1,190 0.	526 16.407 3.098 0.586 0.	130 9.212 6.637 2.101 0.	177 29.693 1.593 1.845 0.	588 19.493 1.008 0.514 0.	237 15.929 0.973 0.367 0.	102 17.819 0.315 0.900 0.	506 21.139 0.282 0.324 0	560 16.088 0.126 0.429 0	642 14,703 0,176 0,302 0	317 15-933 7-546 1-415 0	.063 10.902 6.371 0.749 0	351 11,968 2,805 0,356 0	,381 10.925 19.390 0.245 0	345 12.518 21.024 0.767 0	102 24.561 15.766 0.268 0	.171 14.230 12.487 0.523 0	.302 15.594 11.248 0.201 0	.206 12.693 7.153 0.114 0	.176 15.833 10.624 0.252 C	.301 31.966 7.499 0.116 C	.082 23.454 7.987 0.195 0.0	.529 14.573 10.965 0.385 0.0	.829 9.381 4.814 0.130 0.0	.191 15.785 3.789 0.0 0.0	+c51 9 ₊ 186 (	279 675,980 712,781 28,637 0.0
(CU*/SEC)	JULY AUG	18.639 19.	10.04	21.541 18.	16.543 13.	7.263 14.	7.342 19.	20.239 20.	24.349 8.	28.157 10.	19.471 6.	19.105 7.	12.427 21.	25,948 16.	22.185_17	26-006 11	23,613 9.	23.828 6	26.505 11	30.059 6	31.868 8	25,114 12	28.360 10	29.748 10	28.126 8	22.842 6	21-678 6	20.395 8	20-129 8	18.097 15	16.461 19	8* 956*8	507 710 597
FOR 195	JUNE	03 3	0-0 70	25 [-13	15 17.32	07 8.12	46 5.43	06 5.81	121 19.73	164 7.03	03 15.51	9-01 89	304 11.76	:43 14.12	110 31.2	124 14.9	343 18°0(	114 10.9	221 29.3	£39 18.8	121 27.0	0.61 650	230 45.2	646 23.4	336 21.1	1.61 665	646 22.8	240 32.0	252 23.9	277 20.6	091 19.3	4	749 679 092
UISCHARGE	APR MAY	2-439 0.2	000	653 0.	398 2.	606 1-	.658 O.	445 0.	.034 13.	578 14.	714 16.	.976 14.	.963 9-	.176 5.	.0	.0	.0 5.	.0	.0 12.	.0	.0 18.	0 10	.0	4	.0	.0	• 0	.0	.0	<b>.</b> 790 3.	.384 5.		18-750 198
i •	AAR	0.0																													~		13.392
ju	FEB	0.0												•					•					•									0 - 0
<b> </b>	7 A D	00	• 	0	ċ	Ċ	o	0	0	0	0	•	Ö	•	o.	0	0	0	0	Ö	Ċ	0	ċ	°	0	0	0	0	ċ	Ö	ċ	0	0
>	a j		2	K)	4	2	9	7	8	6	10	11	12	13	71	15	91	71	18	19	20	21	22	23	54	25	26	72	28	29	30	31	TETAL

STATICH OKKAN DAM SITE (CA=225 SQ.KM)

<b>&gt;</b>	JAN	FEB	MAR	APR	HAY	JUNE	י זטר	AUG	SEP	OCT	NCV	DEC
1	0.0	6.0		0.0	- 23	1.52	1.37	7-64	• 03	0.06	₽9•	•
2		• 0 ·	•	•	.82	0.55	1.70	8.69	-39	0.01	• 75	
E	0.0		0.0	0.0	0.612	14.435		13.252	7.752	19.957	0.643	0.0
4		.36		•	. 42	1.28	5.12	6-94	. 58	0.53	• 79	
r.		• 75		•	• 20	9.28	9.55	8-13	1.48	4-18	- 78	
9		-54			. 26	2-18	.56	9-04	6.78	9.70	.54	•
~			•		.27	0.29	.03	.03	8.92	2-72	69*	•
œ		•	1	•	. 13	7.98	9	• 58	• 84	9.53	-29	
6					. 52	0.83	66	. 20	2.06	6.83	•54	ie
0					•4₽	8.70	.21	. 15	1.01	4.58	.11	
		¢			. 72	2.67	.70	• 74	6.73	6.15	.31	
2					• 69	5-96	. 52	.91	1.06	2-66	-92	
EC.		•			99.	2.44	.3 <u>1</u>	.21	4.89	00.	.71	
4				•	. 58	3.00	. 56	• 65	7-79	.75	• 29	
. 5					. 50	.98	. i ć	83	5-21	3.79	.36·	
9		•			• 95	• 38	• 36	•19	4-04	• 50	.27	
_	•	•			- 24	.17	-97	-25	3.01	.01	• 34	
8 1		•		•	.38	. 52	.13	.10	5.21	.01	. 41	
Ć.					-26	.61	<b>.</b> 93	.70	3.92	.08	. 15	
20			•		. 91	.70	.51	9.43	9-17	.12	•56	
_				i e	.46	. 16	30	.26	.99	<u>.</u> 94	.15	•
2				19.	• 38	11.	.82	.27	65.	• 93	.39	0
Ę,	•			• 48	• 58	€9•	0.62	30	- 58	-02	96.	
4	. 18	•		. 44	- 43	- 79	0.89	-63	• 04	.81	.20	
5	-77			3 F	.97	.32	7.52	. 72	. 13	.07		•
9	56.		•	.80	. 81	.31	1.55	• 35	5.69	96.		
. 12		•		ļ •	. 77	- 74	• 48	96	92	10		
28	-45		•	. 79	- 22	• 0.4	1.90	.71	1-98	.54		
29	. 8			• 62	4.20	• В 1	4.14	.42	4.2B	<b>.</b> 7C		•
30	• 36			.51	9-11	• 43	0.87	• 16	1.35	-80	•	•
31	-43		0.0		• 43		1.79	• 15		-34		
	39.563	F 4 47	0.0	20 734	102 201	000 535	- Car Ock	34.0 301		003 676		
į			•									4

TCTAL FOR YFAR* 2285.818 CUM/SEC

STATION OKKAN DAM SITE (CA=225 SQ.KM) DAILY DISCHARGE FOR 1960 (CUM/SEC)

	CAY	JAN	FFB	FAR	APR	MAY	JUNE	JULY	AUG	SEP	CCT	>DN	DEC	
	<b>4</b>	•	3.3		0.0		10	25	3.33	0.87	66	57	03	
	2	0.0	0-322	0.0	0.0	0.0	11.096	1.39	25.309	14.664	9.819	1.326	16.730	
	m	•					5.71	5.66	2.46	7	<b>8</b> •79	68	2,	
	•		• 34			Ö	0.0	7.03	66*6	2 1	2.64	62	37	
	S	•	* 15			03	66*6	1.83	3.67	82	5.79	60	26	
	9	•	61.	0		4.8	4.10	1.86	9-66	95	82	14	21	
	7		• 17			ι, C	2-75	3.42	5.46	1.78	56*9	52	0	
	<b>6</b> 0	•	1.	• 1		.27	12	67	3.92	45	35	24	5	
	o		• 31			45	5.82	1.51	6.43	5-67	9.44	2	7	
	10	٠	• 2 4			. 15	3.88	8.76	6-03	7.31	9	4	3	
	<b>-</b>					. 50	6.57	2.04	0.56	0.79	5	0.0	4	
	12		4			. 18	6-63	7.64	2.43	,64	Ñ	0.0	æ	
	e :	•	٠	•		.21	99.9	5.	5.51	0.91	9	0.0	4	
	14	•	• 1		• '	. 23	3.06	8	7-13	1.98	ž	0.0	6	
		٠	•	•		.68	0.46	6	-	8-16	N	0.0	'n	
		•	•			.36	8.41	9	4.36	6.84	5.1.	0.0	O	
		٠	•			.39	8.97	6	3.5(	4	ŵ	0.0	0.0	
!			•			۲۲.	0.46	6	0.3	5.7	1.7	0.0	0.0	
		•	•			.87	3.50	~	8.6	ij	ં	0.0	0.0	
		• †	•	• †	•	54	.23	.2	5.24	0	4	0 0	0.0	
			•		•	.67	2.18	Ę.	7.0	r.	3	0.0	0.0	
		٠				• 55 B	• 2(	5	6.8	5	9	0-0	0.0	
			•			• 46	~	7	ř.	7.7	-	0.0	0.0	
1		•				. 40	6.	0	8.0	6.	•	0.0	0.0	
		•			•	• 79	- 7	4	0.9	6.6	.7	0.0	0.0	
#		• !		• 1		8.29	2	8	8.3	8.0	9	0.0	0.0	
		0	٠	•	•	6.21	-	æ	4.	3.5		0.0	0.0	A
ì	28	•	•	•		. 4	6.5	7	5.0	0	9	0.0	0.0	pp
		55.	•		٠	0.3	7	~	9	4.7	6	.67	0.0	er Pa
ı		• 45		٠		0°9	ĕ	80	ċ	4.8	~	2.381	0.0	ıd:
	m	- 25				۳. ش		•	~		7.		0-0	i x
				į į	į !									31 2
•	TCTAL	2.543	2.800	0.0	0.0	156.885	376-942	354.562	561.141	401.375	368-851	28-513	53.727	3-2
						TCTAL	FUR YEA	7 2 5 3 4 7		755/4				
						•	ב ב	13	) -	100				

STATION OKKAN DAM SITE (CA=225 SQ.KM)

					1		!						
CAY	JAh	FEB	PAR	APR	¥ A ∀	JUNE	JULY	AUG	SEP	OCT	NCV	DEC	
1	•	•	•	٠	.56	B. 73	2.41	• 05	6.48	.45	.57	-28	
2	•		•	•	. 17	04	3.92	. 78	8.87	.08	96.	•	
Ю.			•	•	-32	1.86	7.45	77.	741	• 45	. <u>1</u> 9	0	
4	•	•	•	•	. 12	9.39	9.49	.17	1.18	6-22	.84	.16	
<u>د</u>	•		•		• 26	1.28	7.18	53	4.62	• 73	• 48	• 10	
9	•	•	•		40.	7.23	7.66	-66	2.68	.53	.45	7	
_	•		•	•	. 56	9.14	3.63	7.41	8.76	. 54	. 48	.22	
80	•	•	•		<b>.</b> 36	5.20	1.15	.91	00.	.77	63	.11	
6	` •				46	5.72	9.52	1.57	01.	.46	. <u>8</u> ç	0	
10			•		- 20	0.81	1.87	1.15	0.33	. 52	.59	•	
11	•	•		•	• 66	66.0	3.35	0.87	3.14	.56	•65	•	
12				•	-20	1.37	79-0	5.19	2.00	.60	• 05		
13		•	•	•	.21	5.35	8.09	.40	7.92	.27	69.	•	
14			•		.23	4.26	9.58	9.00	6.97	.94	.50	•	
15	0.0	0.0	0.0	0.0	2.682	64.035	24.112	13,889	13.005	2.129	0.273	0.0	!
16			٠	•	.36	3.73	5.61	8.85	2.19	.96	.60		
1.1		•	•	•	• 39	6.54	6.52	7-05	3-15	. 48	•57		
18			•	•	- 77	1.29	5.66	2-60	6.34	.7B	-27		
61			•	-67	. B 7	2.75	0.03	4-75	- 92	74.		•	•
20	•	•	•	- 75	- 54	2.94	5-13	5.73	06-9	- 24			
21		•	•	•	.67	5.66	9.35	• 48	.32	.94			
22	•	•	•	.17	. 58	6.72	4.63	2.58	09-6	00.6			
23	•		•	• 6 1	• 46	8.	01.9	3.18	3.74	• 19		. 95	
54	•		•	.16	• 40	69-	• 80	1.59	1.96	1.19		.16	
25	•			.61	• 15	• 95	\$ 54	2-13	0.27	.80	.67	06.	
26	•			-22	29	• 54	£ 7.	14.0	• 26	2.33	• 33	38	
27	i •		·	- 1	6.21	.57	86	1.68	4.85	8.17	18	80	   4
28				•29	1.41	.50	-42	6.44	44	.67	112	. 52	Αрј
53	•		•	. 81	S.	• 75	5.72	4.50	4-16	1.29	٠	0	
30	•		•	.50	0.9	• 74	-91	0.23	.61	96.	.12	-62	
m K		ĺ	•	•	3.8	:	• 65	7.96	•	• 03		.21	ix e 4
TOTAL	0.0	0.0	0.0	6-308	158.701	570- KSE	497 970	521 700		0.00		-    -	
						1000		2	70.0	70.0	100-10	707.77	-

TCTAL FOR YEAR = 2800-122 CUM/SEC

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			DA	ILY DISCH	ARGE FOR	1962	(CUP/S	SEC)				
73	ÅY JAN	FEB	MAR	APR	MAY	JUNE	JULY	DUA	SEP	130	NCV	DEC
	0.46	9	•	•	65	66	77	23.78	82	9.16	5.9	0-0
	2 0.252	0.0	0.0	0.0	1.053	9.267	9.143	25.830	10-123	14.288	2.560	0.0
	0.33	•		i •	42	7.8	7	20.36	30	8+45	5	0.0
	0.81				7.	41	7.10	21.70	5.42	31	70	0.0
	0.37	•		•	Ę,	7.31	18	20-41	20	7	52	0-0
1	0-12	•	•		7	4.83	8	22.42	28	1.43	77	0.0
	Ö	•			.60	3-26	9	12.45	3	50	30	0.0
	0				=	9.69	7	15.28	2.13	5.92	7	0.0
	Ċ		•		E.	5.3	2,4	12-27	4	7	96	0.0
	Ö		•		19	90.8	4	17.93	8	<del>-</del>	6	0.0
	0				5.58	5.71	7	14.50	8	~	ĭ	0.0
	c				49	4.85	4	17.63	8	4	8	0.0
	0	•			5	5.00	1.57	25.33	1.85	_	3	0.0
	o ·	•		e	. 56	4.34	8.70	25.83	7.36	3	_	0*0
7	o	•			86	9.44	1.97	11.50	8	ŏ	0	0.0
,	ċ			•	5.34	7.58	0.60	17.32	2.13	4	0.0	0.0
	ċ		•		0.8	1.64	6.74	13.57	7.7	3.2	0.0	0.0
	ж О.	٠			3	36.	ŏ	14.92	0	4	0.0	0.0
	•0 6	•	•	•	6. C6	6.0	8.4	16.66	5.0	Ď	0.0	0.0
9	0	•		٠	0.36	4-28	5.76	8.10	1.00	9	0.0	0.0
• •	0				9.0	0.3	9	4.2	8.3	9	0.0	0.0
	2 0.	•	•	•	0-29	4.0]	7-4	10.13	1.8	N	0.0	0.0
• •	0	•	•		1.1	6-1	9.6	6.9	ě.0	0	0.0	0.0
· • •	4 0.		•	•	9.6	.5	2.3	8.6	8-9	*	0.0	0.0
	5 0.	•	•		0.4	, 5,	9-4	7-1	-	'n,	0.0	0.0
7	6 0.	•			7	ř	1-2	4.6	9.0	9	0.0	0•0
. 7	7	٠	•		 B	7	4.0	6.2	8	9	0.0	0.0
. ע	8			•	0.	7	8.6	4.9	4.	0	0.0	0.0
	• 0 6		•	•	8.3	-	8.9	2.5	~	6	0.0	0.0
m	0			•	7	Ę,	1.9	2,5	7	6.	0.0	0.0
****	0				2-4		•	1.9		6*448		0.0
TCTA	11 2.357	0.0	0.0	6-270	368.812	481.069	507.100	412.055	400.018	269.684	<u>79.961</u>	0.0
•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				i :							
					TULAL	FOR YE	AR 247	7.325 CL	DES/AL			

STATICA OKKAN DAM SITE (CA=225 SG.KM)

11.811 16.209 12.922 6.006 11 20.531 11.735 15.691 7.516 5	0.531 11-735 15.691 7.516 5.605 0.	.500 17.892 22.565 3.310 5.962 0. .184 15.240 11.471 26.528 4.775 0.	1 15.722 8.171 24.144 1.712 0.	. 118 30.809 10.911 5.625 0. . 543 30.429 8.060 6.093 1.	.701 32.194 12.727 3.159 I.	94 21.830 10.854 3.795 0.	22.854 11.095 4.474 0.	6-540 /-/68  -819 U- 6-097  -970  -174  -	89 5.501 0.528 8-	.189 1.169 7.	.616 0.505 3.	.013 1.055 I.	.042 0.469 2.	088 0.580 3.	683 0.276 2.	74 0.725 1.	20 0.239 0.	0.0	03 0.0 1.	92 0.0 0.	63 0.0 0.	31 0.0 0.	37 0.0 0.	084 0•	651 62.057 44.4
11.811 16.209 12.922 6.006 11.43 20.531 11.735 15.691 7.516 5.60	0.531 11.735 15.691 7.516 5.60	->00 1/-892 22->65 3-510 5-96 -184 15-240 11-471 26-528 4-77	1 15-722 8-171 24-144 1-71	.//8 30.809 10.9/1 5.62 .5/3 30.429 8.060 6.09	-701 32-194 12-727 3-15	94 21.830 10.854 3.79	22-854 11-095 4-47	6.540 /./68 [.81 6.097 [.970 [.17	89 5.501 0.52	.189 1.16	.616 0.50	.013 1.05 .004 0.56	.042 0.46	088 0.58	683 0-27	74 0.72	20 0.23	*0 19 67 0-	03 0.	92 0.	63 0.	31 0.	637 0.	80	51 62.0
11.811 16.209 12.922 6.00 20.531 11.735 15.691 7.51	0.531 11-735 15-691 7-51	.500 17.892 22.565 5.51 .184 15.240 11.471 26.52	1 15-722 8-171 24-14	.//8 30.809 10.97 	.701 32.194 12.72	94 21.830 10.85	22-854 11-09	6-540 /-/6 6-097 1-97	89 5.50	. 18	19.	70.	04	80	ار 2 ال	~ ~	2	00	0	0	Ó	CC:	63	80	5
11.811 16.209 12.92 20.531 11.735 15.69	0.531 11-735 15-69	-500 17-892 22-56 -184 15-240 11-47	1 15-722 8-17	24-0E 8//-	.701 32.19	94 21.83	22.85	6.54 6.09	$\alpha$				, , ,	_	•		•	• 1	•				2	2	258
11.811 16.20 20.531 11.73	0.531 11.73	-560 17-89 -184 15-24	1 15.72	75	. 70	9		. [7]	2.9	99.6	5.03	2.64	5.27	1.83	0 in 4 in in in in in in in in in in in in in	-67	• 82	645	69	- 28	.50	• 75	- 92		485.973
11.81	0 اد در ۱۳		7		-	_	.50	4.4I 0.71	• 54	1-28	1.90	. 92 . 98	5.48	7.17	0.41	5.74	• 20	7.2C	.63	5.79	25.6	3.81	3-14	4.46	539.056
	- 1	~ ~	1.9	9-83 2-51	2.40	9.19	2-68	4.60 7.01	7.45	4.63	4.40	2.43 4.43	9.76	0.79	8 + 2 3 	6.41	8.03	4.45	6.93	7.57	7.59	6 - 6 5	3.62	0-76	904.551
0 51	5.5		• 85 5	00	*32	00	.94	• 84 • 5	- 89	. 63	16.	59.	66-6	• 45		• 65	6.07	1-64	648	4.5	-92	• 94	• 13		674.037
0 0	<b>1</b>		0		.31	17	7.39		8.54	0.33	.70	0.C9 5.41	.62	.21	44	96	.54		44	50	•	•		• [	145-186
0.0	• ;		•		0	• 19	٠ ا	• •	.32	. 12	, 32		. 18	.10	ء با بات بات بات	֡֝֜֜֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֡֓֓֓֓֡		• 1		•	•	•	•		न- ३५६
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	• '		•										. ,		• ;			. 1	•	, 1			٠	•	0.0
7 7	2	4 A		<b>o ~</b>	· 63	6	01	11	13	14	15	16	81	19	20	22	23	24 25	26	27	28	58	30	31	TETAL
0-0 0-0		0.0 0.0							2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	

TCTAL FOR YFAR= 2867.654 CUM/SFC

STATICH OKKAN DAM SITE (CA=225 SQ.KP)

	DAILY D	ARGE	96	(CUP/S		ļ į t	1 1		1 1
AN TEB MAK D	PR	FAY.	JUNE	JULY	AUG	SEP	acı	ADN	DEC
0 0 0 0	0	0 <b>.</b> 0	82	0.42	45	3.63	02	13	
0.0 0.0 0.0		0.0	14.765	(J)	3.446	17.049	1.6	199*5	1.789
		•	0,	5.34	75	7.45	81	5	86
	<b>.</b>		4 i	5 - E	S.	0.16	1.58	6	48
	<b>.</b>		5.		47	59	0.01	2	21
0 0 0 0 0	c	ٔ پ	-	2 63	ő	<b>Φ</b>	1.17	9	49
0 0-0 1-251 0-	0 :	0.53	69	1.23	ဌ	6.94	4.66	α Ω	28
0 0.0 1.673 0.0	   !O	6.5	77	00.	9.30	4	5.21	4	6
10 83E 1 0 0 0	_	5.49	2	5.58	2.45	9.49	1.93	S	46
0 0.0 8.401 0.	_	95-9	1.75	3.04	6.33	2	3.53	4	4
0 0.0 4.278 0.		0.37	9.18	7.31	1.97	ω,	3.40	3	0
0 0.0 1.914 0.		8-94	2.94	1.00	2	2	5.7	7	0.0
0 0.0 1.205 0.	_	6-23	4-74	96*9	4.23	$\sim$	5.20	-	0.0
0 0.0 3.189 0.	ļ	. 17	) <b>.</b> 48	3.13	9.9E	_	9.42	~	0.0
0 0.0 0.878 0.		5.54	4.50	9.7	46	8	1.1	4	0.0
0 0.0 2.891 0.		6-70	4.48	5-16	7.81	~	8.16	9	0-0
0 0.0 1.033 0.		4-52	2-65	6.2€	5	=	=	-	0.0
0.0 0.426 0.			96.	9.6	Ę,	Ŋ	6.1	4	0.0
0 0.0 1.434 0.		3-69	0.9	0	0	3.41	8	4	0.0
0 255 0 0 0 0		1.29	8.8	9.4	9	1.2	4	~	0.0
0 0.0 0.879 0.0		55 - 2	, 0.	'n	8. √	4.9	~	4	0.0
0 0.0 1.923 0.0		*24	9.36	4.1	7.1	4.1	7	~	0.0
0 07.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		77	2.5(	9	8	m	ò	æ	0.0
0 901-0 0-0 0		2.	5.0	Ξ,	9	3.6	~	ū	0.0
		- 2	4.3(	Ĕ.	6,1	6.4	2.	r.	0.0
מים מים		. 2	9.6	ਰ	~	9.8	9	0	0.0
.a 0.0 0.0 0.	_	• 3(	4.3	-5	4.4	-	6.	~	0.0
0.0 0.0 0.0	_	.5	8.1.	ō	1.6	8.6	9	6	0.0
0 0.0 0.0 0.		. 7	4.1	~	4	3,3	6	G	0.0
*0 0*0		.7	3.04	Ŋ	-:	æ	~	8	0.0
•0		- 23			-		•	•	0.0
.0 0.0 33.828 0.	0	332.560	476-327	466.305	352-302	363.762	358.794	88.773	19.044
		TCTAL	FOR YEA	R= 2531	13 769-	747/41	:		; 
		· ;		1	) F	ا ا			

STATICH OKKAN DAM SITE (CA=225 SQ.KM)

			DAIL	10 Y	SCHARGE FOR	1965	(CUM/SEC	EC)					
CAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	CCT	NO V	DEC	
		Ō.Ō	٠	٠		1.12	0.42	5.60	8.02	90	•62	· •	!
2	0	•		•	•	<b>69</b> *	8.86	• 59	• 09	•64	. 41		
3	0	•	•	( ●		90	3. P6	8.08	4.28	95	8.2		
*	0	-17	•		•	9.27	0.18	55	9.58	59°	.57		
\$	ô	.54		•	•	3.07	-57	.10	5,30	-79	.17		
9	o	.26	•			2-52	2.19	9-44	• 02	•17	<b>.</b> 68		
	0	1,0				• 46	.57	2.16	8.82	•22	•72	•	
60	0	0.453	0.0	0.0	0.0	~	16.136	15.785	19.490	14.396	4.039		
6	0	174		( •	•	- 12	.47	1.46	1.68	.55	. 7 I		
	0	44	•	•	• 96	7.34	8.07	0.37	2.34	• 16	- 77	- 14	
	0.	• • •	•		3.64	3.95	1.35	.51	3.46	• 65	-42	• 11	
	0	. 1 1		•	• 66	1.02	7.70	.80	.03	• 36	• 58	•	į
	0	- 22		•	.70	7-18	-65	• 46	2.07	-14	64.	•13	Ī
14	0	17.	•		•	\$6.	7.59	990	• 08	10.	-26		
	0	118			-26	2.44	4.81	43	0.10	93	•	44	
	0	34			4.53	64.0	9.81	. 12	4.29	• 33		• 84	
	ō	.12		•	19-1	1-66	8-39	<b>.</b> 32	16.0	•30		• 36	
	¢	0.		•	.12	6.71	.74	-07	989	*76	•	• 18	
	0.0	•	•	•	4.95	1.06	1.00	• 02	. 76	• 55	•	• 79	
	0			•	1.64	5-77	7.13	61.6	96	74.		-87	
	0	•		•	4-70	5.35	-57	2.06	66.	39		- 17	
	0		•	•	- 46	9.73	. R2	2.89	.67	• 58		99.	
	c		•	•	• 30	3.54	174	8.18	ĎE.	2.56		. 7.	
	0			•	63	3-43	.41	25-65	• 24	0-05		-32	
	0	•			. C8	1.79	• 24	0.76	.80	4.54		-45	
	0		•		• 45	8.44	0.33	4.38	-47	8.18		. 52	
	0		•		40	2-71	.76	6.17	.87	1.52		. 70	Ą
	0		•		-34	9.54	8.20	9.56	.38	6.84	•	• 03	pņ
	0		•	•	.27	1.56	1.08	8.40	• 19	1-42	•	-21	er Pa
E	0		8	•	• 8B	9.41	6.95	. 58	.78	* 4.4			di
<u></u>	0		•		7.87		• 8 9	6.83		5.98		•	x 4
İ	1 i		11	11			10.				(°   (° 	1	3B 7
TOTAL	0.0	4-465	0.0	0 • 0	300-136	656-456	512.618	465.538	368-224	340-480	11-320	44.30 f	<u>-2</u>
					TOTAL	ENR VEA	R= 2803	17 545	W/CEC				

TCTAL FOR YEAR 2803.945 CUM/SEC

STATIFN OKKAN DAM SITE (CA=225 SQ.KM)

		; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	DAIL	LY DISCHAR	ARGE FOR	9961	(LUM/SE	EČĪ					
CAY	JAN	FEB	MAR	APR	*AY	JUNE	JULY	AUG	SEP	oct	NDN	DEC	•
1		. 1.1				2.32	85	8.39	28.26	4.08	5 1	8	
2	•	•23		-		4.16	08	5.44	21.43	95.0	Š	9	
3					٠.	5	44	5.82	30.93	12	Ī	S	
*	•	35		•	-	1.43	93	6.77	21.63	7.02	36	E.	
c.	•	- 1 4		-	_	66	16	1.02	19.04	[	9.1	5	
9		<b>₹</b> 4 3	•		-	0.22	2.1	4-58	10.24	3	36	5	
~		• 14		•	11	8	9.70	5-10	14.00	7.1	16	2	
80	•	# 33			34	90	L)	8.83	8.92	9 ** 9	46	2	
6	•	* 7.			5	5	2	2.47	11:16	1.8		10	
10		• 1 в	•		25	99	9.21	0.89	15.21	1.1	5	8	
		•			0.9	7	2.91	6.37	8.10	5.6	6	5	
			,		.23	7	8	2	9-9	4	0.165	1.187	
		•			.27	2	8	7.26	10-9	80	=	N	
		•			83	35.0	39	9	8	9		4	
		•	,		32	3.78	0.0	Ö	12.5	0	o	, —	
	•	•			53	1.62	6 .	7.8	7.4	Ŋ	0.0	0.0	
	٠	•			in in	9.08	7.0	4.0	13.4	2	0.0	0.0	
		•	•	0	. 50	9 • 6	76.	2.7	5-5	~	0.0	0.0	
	•	•		•	30	5.18	0.0	2.6	9.9	æ	0.0	0.0	
20	0.0	0.0	0.0	0.0	7.622	10.379	27.096	11.745	1.836	7.134	0.0	0.0	
	•			•	90.	0.1	12 4 9	4.1	6.4	æ	0 • 0	0-0	
	0		٠		. 18	9.8	3.7	3.6	7. 4.	ç	0.0	0.0	
		•	٠	•	• 26	5.6	3.1	7.4	7.7	æ	0-0	0.0	
			•	₩.	36.	9.9	5.6	1.0	7.3	ð	0.0	0.0	
	•			•	-	6.1	4.2	¢.	7.6	$\sim$	0.0	0.0	
		•	•	•	<b>~</b>	3.0	7.0	0.3	4.9	Φ,	0.0	0.0	į
		•	•		0	6.4	9 4	6.0	6.1	Τ,	0.0	0.0	<u>V</u>
	• 18	•	٠	•	,7.	0.7	7.5	5.1	4.0	_	0.0	0•0	
	۰ ع ۲				5	7.2	8.4	5.4	10.4	4	0-0	0.0	
			•		76*	4.0	6.6	0.9	17.4	•	0.0	0.0	
	• 25		0.0		• 76		5-9	7.8		12.3		0 • 0	x 3
TCTAL	5.393	4.850	0.0	0.0	130-313	474.233	595.294	594.750	339.600	232.037	6.498	41.616	31) - 2 8
										***************************************			<u>2</u>
					TCTAL	FOR YEA	R# 242	4.625 CL	Ur/SFC				

The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon

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STATICH OKKAN DAM SITE (CA=225 SQ.KM)

EAY	JAN	FEB	MAR	APR	× V H	JUNE	306.4	δUA	SEP	CCT	NO N	DEC
1			j •		į .	8.73	1.90	9.60	5-11	2	96	
7	•			•		• 35	86.	• 64	4.02	8.73	.6	•
3	0.0	0.0	0.0	0.0	0.0	6.568	14.650	34-188	26.451	_22.66i ⁻	1.729	0.0
4	•	9		•		19.	.58	4.70	1.34	3.68	.80	•
ī	•	•					.62	9.21	5.06	00	• 66	•
9	•	•	•	•	•	•19	•19	63	7.64	7.	33	•
~	•		•		05.	. 15	• 04	3.10	4	5.5	96.	
œ	•		•	•	~	• 39	.27	55.2	6	.05	-8€	
6	•			, •	5.26	37	140	9.06	8	90.	90	
01	٠		•	•	• 34	• 6 1	446	5.26	6.	2.25	4.0	•
11	•	•		•	4.5	16.	.23	0.09	.75	£23	. 18	
12	•	•	•		۲.	• 70	• 59	1.66	• 64	. 1.1	-20	•
13	•			•	•	.48	.82	11.6	.78	64	57	•
71	•		•		۲.	.02	.85	7.67	4	63	. 15	•
15				i •	12.751	67	5.74	6.97	2.	6	39	
16	.48	•			<b>.</b>	. 10	19*	1.35	36	34	4.8	•
17	.39		•		6.	•46	8.89	2.56	5.0	42	83	
	• 56	•	•	•	8	- 50	.87	2.20	.61	7.1	13	•
	-28	٠		•	0	- 24	4.14	9.91	6.5	96	8	-
	. 50		•		- 2	• 19	.53	0.71	5.	3.	.56	
21	•				5.485	•25	.26	0	~	7.	7.1	
	- 42			•	Ů.	• 38	90	4-12	.27	29	52	
	9.95				2	• 50	• 16	1.94	21	3	21	-
	- 42				-	.32	• 75	0.19	83	84	,29	_
	* 85	•		•	-	.35	5.23	7-73	58	47	,76	
	• 46		•		9.	• 36	6.68	.61	9.87	52.	31	-
	• 85			•	.2	55.	87.6	19	96	96	15	
	.18	•			3.5	.78	3.07	0.5	9.12	90	. 16	
	. 71	:	•		4.517	00.	.04	.91	1.50	19	46	•
	•				0	5	8.02	69.	82		-	-
	•	•	•	!	4		3-85	.26	<b>'</b>	• 31	<b>!</b>	-

TETAL FOR YEAR* 2595.445 CUM/SEC

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STATICH OKKAN BAM SITE (CA=225 SQ.KM)

	1						_		_		,e	,-	_		_	0								1				<u> </u>	bī	er Pz	ıd:	ix	31 0	5-2 In	
	DEC	35	82	2	51	23	96	0-219	98	3	13	3	7	9	~		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	1	9.55	
	>DN	66	84	30	0	50	7.1	5.693	95	24	0	0.0	0.0	0.0	0.0	0.0	0.0	70	53	79	,76	42	3	.61	43	52	0.620	17	51	96	28			42.738	
	OCT	13	0-16	4.63	5.63	3.32	9.64	87	8.68	<b>Q</b>	4.35	3.	0.39	8.08	9.9	2.0	3	5.07	9	ď	W	N	ō	4	M	'n	26.849	7	ı,	ď	4	4.778		369-573	-
	SEP	3.85	96-1	5.51	16.6	5.78	2.67	4.9	0.89	4.46	5.69	8.50	1.39	2.46	5.5	1.9	0.0	1.04	9	•	m	-	4	ņ	9	m	1.689	Ę	~	Ż	0			337.72	CUM/SEC
EC)	AUG	6.5	2 4 92	0.70	3.02	5.30	5.45	5.98	7.12	6.71	5.32	89*5	3.99	7.87	4.39	7.34	0.79	4.66	0.47	0.10	6.9	4	œ	6.70	0.7	9.0	N	0	Ü	ř	Ň	Š		603.614	155
(CUM/SEC	JULY	Ĭŏ	9.14	2.01	0.19	3-48	96.0	0.5	0.95	3.31	2.74	4 • OB	6.53	0.18	6.82	9.60	5.89	ეუ-6	8.36	0.47	5-14	4-36	1.49	5.9	9.2	0.0	2.	3.3	3.9(	3.6	9.9	.4(		551-619	R= 2604
1968	JUNE	0	55	43	3.52	7.26	2.66	5.77	3-38	4 . 8 8	8.70	6.92	2.49	4-62	1.25	2-23	5.31	5.74	1.85	1.74	9.54	6-73	3.01	4.4	2.01	9.1		1.4	7.	38.	0.18	ı		610.329	FUR YEA
ARGE FUR	MAY	0.549	22	. 72	• 13	0.88	• 05	7-27	2.11	3-96	5.03	5.20	• 04	3.23	2.55	4-11	0-58	49	. 88	- 46	4.43	93	- 05	98.	9.	-23	•		•		•			251.647	TCTAL
ILY DISCHA	APR	0.0		•				•	• !	•	•			•	•					٠	0	9	69.	69.	30	-37		.35	- 74	• 19	.70			22.305	
DA1	MAR	0.0	Ð '	•	Ð	•	•				•		•	•					•	•	8 :	1	•	٠	•			•	٠	•	•	•	l i	0.0	
	FFB	0.0		•	•	•	٠	•	0			•		•					•	•		•	•	•	•		• 1						i ļ	0.0	
	JAN	0.0			•			•		•		8	٠		o i		o '	.63	E	υ. υ.	<u> </u>	9	, i.e.	9	77	~ (	• 1	77	21	44		•	j  6	5-867	
	CAY	<b>~</b> (	7	ή,	<b>*</b> L	Λ,	o 1	<b>~</b> 0	Ω (	·	0;	1 7	7.	F	•	<b>5</b> :	91	\	£ :	<b>-</b> (	07	17	<b>7 7 7 7 7 7 7 7 7 7</b>	23	7.	52	97	77	28	62	30	31	į þ	ורואר	
	, <b>!</b>	<u> </u>											; ;										1		+ + + + + + + + + + + + + + + + + + + +				ĺ		1				

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STATICA OKKAN DAM SITE (CA=225 SQ.KM)

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	CCT	12-448	æ	.12	444	-47	.91	06.	91	. 41	. 88	-25	-73	<b>,</b> 94	-62	47	-83	40	4.8	0.8	7	.75	.31	99.	.89	83	0-44	96.	.21	4.65	0.4		76-413 1	
	SEP	6.771	8	3.83	9	3.96	.37	2.43	1.75	-73	2.94	66	-78	.72	• 55	2.91	.53	4.34	٠. د	35	1.21	.13	5-25	5.05	48	80	32	.27	49	7.0			2 505 2	//SEC
( )	AUG	28.320		7.63	1.59	3,75	9.28	7.28	9.90	6.33	6.48	86.6	4.77	7.77	3.26	0.11	5.25	4.27	5,38	5.51	-16	0.08	. 02	• 19	• 07	• 09	53	.58	• 06	.33	4	***************************************	36.167 3	212 CUF
(CUM/SEC	JULY	6.316	90-9	<b>58</b>	43	.75	66.	42	• 92	.41	.82	-37	• 0.4	-97	• 59	8-32	6-40	7.58	7.63	.93	5.64	3-43	5.11	-74	4-64	1.89	3.58	3.89	9.62	9.71	.62		37.288 5	(* 2512
1969	JUNF	35-691	03	B. 60	0.32	0.28	2.89	9-45	0.81	5-13	5.74	4.01	6-31	2.73	5.88	8-99	6.26	1.42	4.25	4.61	3.02	6.94	3.91	• 10	6.52	0.09	3.38	0.23	.88	.23	•		597.887 4	FOR YEAR
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STATICH OKKAN DAM SITE (CA=225 SO.KM)

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				-	9	16	5.17	0.84	2	58	5	ı
	·				94	17	2.78	1.03	36	23	3	
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STATICH OKKAN DAM SIFE (CA=225 SO.KM)

				DAI	ILY DISCHAR	GE FO	R 1971	(CUM/S	EC)			 		
<u>ā</u>	ΑY	JAN	FEB	MAR	APR	MAY	JUNE	חרא	AUG	SEP	OCT	NOV	DEC	
(	1		•	•			j •	6.27	8.39	4.3	• 05	.91		
	7	0.0	0.0	0.0	0.0	0.0	0.0	39.035	47-455	7.143	4-115	2.446	0.0	
	9			•			• 48	9.09	0.27	1.	.91	5.0		
	4			•		•	• 44	1-69	7.90	.85	.91	.50		
	'n			•		•	.28	3.90	7.78	•46	44	44		
	9		٠	٠			. 50	3.96	5.57	0.25	• 59	0		
	~		•				. 63	7.89	5.42	.50	• 48	•	•	•
	æ	•						60.6	8.66	8.	•35			
	6						• 00	0.R0	1.24	8	56		, .	
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!	11		•				. I 4	8.39	3.05	.72	59.			
		•	•				-71	1.48	3.05	.01	. 88		•	
1		•	٠				.71	3.32	7.90	= 72	• 59	•	•	
	14	•					.88	96.	2.10	• 44	.35	*88		
							.48	9.09	2.10	. 59	88			
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			•				• 46	0.40	. 95	. 85	• 46	. 71		
1		•	•				• 14	6-15	• 5 I	• 59	.37	.71		
-				٠		•	• 0 •	5.42	.26	• 16	-27		•	
		, <b>s</b>	1	•		•	ار این این	4.22	.26	• Ì 6	•22			
-			•			•	- 14	7.78	.35	• 59	• 35	8		
•				•			0.35	0.80	• 10	75.	•27			
			•		•		3.96	6.72	•68	. 16	.27			
						1	.25	06.	•03	. 48	.22			
					•		1.48	4.76	96.	• 50	• 1 4		•	
		į •					7.28	3.43	• 50	485	.27			<u> </u>
		•					8.47	7.85	.72	.35	• 96			/bl
							2.31	8.66	. 80	5.50	E4.4			
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TOT	AL	0.0	0.0	0.0	0.0	0.0	284.710	777.482	631.396	209.356 1	105.161	22-402	0.0	33
						, Ages with minimalities (min-sage species)	· · · · · · · · · · · · · · · · · · ·							2
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TCTAL FOR YEAR* 2030.507 CUM/SFC

OKKAN DAM SITE (CA=225 SQ.KM)

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	NON	3.944	57	179	3.475	96	565	365	357	350	595	595	565	565	165	031	695	031	125	161	073	823	127	365	595	867	565	565	565	.491			110-700		
	120	6-881	io.	5-44	5	1.56		-		m	'n	ñ	ø	œΙ	3	O	σ	4	0	S	L)	'n	u ı	u,	٧,	٠.		٠		~	_		183.289		
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EC)	AUG	22-042	15.97	54.68	23.90	18.32	21.44	27.2]	33.20	23.90	34.0	20-2	56.2	25.1	28.4	57.8	32.5	15.9	7-2	20.8	48.0	17.1	74.9	54.9	50.8	58.4	23.	10.5	52.6	52.6	14-4		1073-681	3.149 C	
(CUM/SE	JULY	12.682	8-32	5	66-0	6.88	7	9	į	ĭ	õ	4	7	4.	ć	0		3.2	7.3	5.7	0	0.3	7.3	7.8	9	4		5	, T	יש	ω.		706.3421	AR= 271	
1972	JUNE	0.0	0.0	0.0	2	5.825	0	0-0	0.0	44	94	44	12	85	5.9	49	3	96	5	4	æ	R.	Ŋ	N	Ň	11.561	-		4	9			171.082	L FOR YE	
ARGE FOR	MAY	000	0	0.0	0.0	0.0	0-0	0.0	0.0	0.0	0.0	C	Ö	0.0	0.0	0.0	0.0	23	0.335	0	0.0	0.0	0.0	0.0	69.	0.434	12	. e8	.49	0	0.0		22.197	TCTA	
Y DISCH	APR	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	• •		0.0		
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STATION OKKAN DAM SITE (CA=225 SQ.KM)

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2	0.0	0.0	0.0	0.0	0-0	0.867	4.696	11.561	48.093	188.9	1.481	0.335
e			•		0-0	69.	1.44	•65	1.44	53	03	30
*	•	•	•		0.0	69.	6.53	55.	0.20	0.99	• 69	.26
5	•	•			0.0	• 36	6.53	.88	1.56	. 52	.56	. 18
•		•			0.0	•69	1.14	-23	4.98	44	<b>.</b> 43	0
_	•				0.0	• 8¢	6.59	44	-73	• 68	£4.	
<b>6</b> 0					0.0	.85	3.28	7.3	.12	. 12	4.3	0
6	•		•	•	0.0	69	1.14	50	2 2	7	443	
10	•	•		•	0.0	• 06	0.33	.07	3.89	6-53	.37	69*
		•		•		- 12	.33	44.	.32	.50	.37	640
	8	•	•			• 0.6	4.98	82	5.97	96	.33	•
				•		.82	1.56	. 16	8.94	4.98	.33	
	•	•			0	0.07	66.0	9-14	5.97	66.	.33	
	: •	į 🔻			16.	88	5.97	P.	9.56	66.	, 4	
	•		•		• 56	• 68	4.68	9.80	7.83	66.	65.	•
					.88	0.33	2.36	50	4.48	. 53	-82	•
		•			. 12	96*	8-46	96.	3.99	.12	.82	
				•	777.	5.48	6-59	7.14	5.48	88	.82	
	•	•			- 56	- 82	60-6	7-14	6.53	4.32	.85	
	ļ.	٠ ا	j •	٠.	• 65	88	3.32	3-32	. 33	90	.37	
		•			• 36	69.	2-68	6.45	83	8-32	.86	
		•			.03	. 12	1.56	3-90	. 89	50	69.	•
	•	•			.30	٠٦3	<b>.6</b> 5	0.20	41	7.21	• 56	
		•			E	.52	.68	0.08	.12	2.68	• 56	
	•			•	35	•30	.12	.32	• 65	•	64.	
	į.	•			• 88	56.	88	0.20	56	66.0	443	
		•			75.	<b>36</b>	-07	3-26	28	2.68	43	
				•	• 28	• 56	.85	8.22	99	0.33	93	
	•		•		. 12	* 44	•65	2.68	. 85	68	.33	•
31					5.825		. 85	5.91		88		•
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TCTAL FOR YEAR# 2775.042 CUM/SEC

STATION OKKAN DAM SITE (CA=225 SO.KM)

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0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0	1 -		0.0	0.0	30	27.54	22.51	9.56	12.92	5-97	4.664
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         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         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         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         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         0.0         0.0 <td>0</td> <td></td> <td></td> <td>0.0</td> <td>0.0</td> <td>5</td> <td>24-60</td> <td>16.80</td> <td>11.91</td> <td>21.83</td> <td>1.16</td> <td>1.857</td>	0			0.0	0.0	5	24-60	16.80	11.91	21.83	1.16	1.857
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				0.0	0.0	2	21-15	17.98	8.27	9.11	ċ	0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Ċ			0.0	0•0	50	13.98	15.63	21.83	9.11	o	0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Ċ			0.0	0.0	9	19.86	11.91	19,86	6.32	o	0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	c			0.0	0.0	2	19.86	15.07	21.15	7.46	ċ	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         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         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         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         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         0.0         0.0         0.0 <td>ָר ל</td> <td></td> <td></td> <td>0.0</td> <td>0.0</td> <td>2</td> <td>95.58</td> <td>19.23</td> <td>26.05</td> <td>11.9</td> <td>ö</td> <td>0.0</td>	ָר ל			0.0	0.0	2	95.58	19.23	26.05	11.9	ö	0.0
0.0         0.0         0.0         0.0         4.664         21.158         15.071         28.301         11.430         0.0           0.0         0.0         0.0         0.0         5.973         43.748         14.531         46.464         37.34         11.430         0.0           0.0         0.0         0.0         0.0         0.0         0.0         6.333         15.071         26.804         16.405         11.913         3.715           0.0         0.0         0.0         0.0         0.0         0.0         11.913         14.531         40.934         11.405           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         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         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.0 <td< td=""><td></td><td></td><td></td><td>0.0</td><td>0.0</td><td>6</td><td>33.07</td><td>17.98</td><td>23.9(</td><td>10.9</td><td>o'</td><td>0.0</td></td<>				0.0	0.0	6	33.07	17.98	23.9(	10.9	o'	0.0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5.973 43.748 14.531 46.645 37.342 61.396 0.0 0.0 0.0 0.0 0.0 5.372 20.520 23.212 46.641 10.934 11.405 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0			0.0	0.0	3	21,13	15.0	28.30	11.4	0.0	0
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5.302 20.520 23.212 48.641 40.934 11.405 0.0 0.0 0.0 0.0 0.0 0.0 0.0 6.6493 15.615 18.605 54.843 14.531 6.333 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 7.462 23.907 13.435 40.934 11.430 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 6.693 11.913 10.898 21.837 15.635 5.621 0.0 0.0 0.0 0.0 0.0 0.524 6.693 11.913 10.898 21.837 15.635 5.621 0.0 0.0 0.0 0.0 0.0 0.524 9.998 10.939 167.457 16.200 23.907 3.232 0.0 0.0 0.0 0.0 0.0 0.524 9.998 10.939 167.457 16.200 23.907 3.232 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.158 26.051 23.912 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.158 26.051 23.912 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.158 26.051 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.158 26.051 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 11.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0			0.0	0.0	6	43.74	14.5	46.6	37.3	61,39	0.0
0.0         0.0         0.0         0.0         6.333         15.071         26.804         16.805         11.913         3.715           0.0         0.0         0.0         0.0         0.0         0.0         14.621         18.405         56.843         14.531         2.970           0.0         0.0         0.0         0.0         0.0         0.0         0.0         13.405         56.843         14.531         5.970           0.0         0.0         0.0         0.0         0.0         0.524         6.693         11.913         10.898         21.837         15.635         5.621           0.0         0.0         0.0         0.0         0.524         19.227         15.011         28.301         16.805         9.998         3.755           0.0         0.0         0.0         0.0         0.524         9.998         10.455         15.635         7.855         0.0           0.0         0.0         0.0         0.0         0.524         19.851         16.457         16.200         2.998         3.755           0.0         0.0         0.0         0.0         0.524         19.85         15.61         11.451         16.85         16.85	c			0*0	0.0	ř	20.5	23.2	48.6	40.9	11.40	0.0
0.C         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         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         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         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         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         0.0 <td>Ö</td> <td></td> <td></td> <td>0.0</td> <td>0.0</td> <td>m</td> <td>15.0</td> <td>26.8</td> <td>16.8</td> <td>11.9</td> <td>3.71</td> <td>0.0</td>	Ö			0.0	0.0	m	15.0	26.8	16.8	11.9	3.71	0.0
0.0         0.0         0.0         7.462         23.907         13.435         40.934         11.430         2.970           0.0         0.0         0.524         6.693         11.913         10.898         21.837         15.635         5.621           0.0         0.0         0.0         0.524         49.98         10.939         167.457         16.805         9.998         0.998         10.939         167.457         16.200         23.907         3.232           0.0         0.0         0.0         0.0         0.524         9.998         10.939         167.457         16.200         23.907         3.232           0.0         0.0         0.0         0.0         0.524         9.998         10.939         167.457         16.200         23.907         1.857           0.0         0.0         0.0         0.524         13.983         21.158         26.00         23.907         1.857           0.0         0.0         0.0         0.0         0.524         13.983         21.158         23.212         3.780         0.0           0.0         0.0         0.0         0.0         0.524         13.983         21.158         28.301         11.430	Ö			0.0	0.0	3	35.6	18.6	54.8	14.5	6.33	0
0.0         0.0         0.524         6.693         11.913         10.898         21.837         15.635         5.621           0.0         0.0         0.524         19.227         15.071         28.301         16.805         9.998         3.755           0.0         0.0         0.0         0.524         23.212         8.681         16.200         23.907         1.855           0.0         0.0         0.0         0.524         8.681         61.356         28.301         11.430         12.927         1.857           0.0         0.0         0.0         0.524         13.983         21.158         26.051         23.212         3.780         0.0           0.0         0.0         0.0         0.524         13.983         21.158         26.051         23.212         3.780         0.0           0.0         0.0         0.0         0.524         13.983         21.158         26.051         23.212         3.780         0.0           0.0         0.0         0.0         0.524         13.983         21.158         26.051         23.212         3.780         0.0           0.0         0.0         0.0         0.0         0.0         0.2524	0			0-0	0-0	3	23.9	13.4	40.9	11.4	2.97	0
0.0 0.0 0.0 0.0 0.524 19.227 15.071 28.301 16.805 9.998 3.755 0.0 0.0 0.0 0.524 23.212 8.681 80.755 15.635 7.855 0.0 0.0 0.0 0.0 0.524 29.998 10.939 167.457 16.200 23.907 3.232 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0	1 .		0.0	52	ō	11.9	10.8	21.8	15-6	2.62	7.069
0.0 0.0 0.0 0.0 0.0 0.524 23.212 8.681 80.755 15.635 7.855 0.0 0 0.0 0.0 0.0 0.0 0.524 9.998 10.939 167.457 16.200 23.907 3.232 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 3.494 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 0.0 0.0 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 2.970 6.333 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 16.805 14.531 2.504 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0	o	•		0.0	52	8.5	15.0	28.3	16.8	6.6	3.75	0
0.0 0.0 0.0 0.0 0.524 9.998 10.939 167.457 16.200 23.907 3.232 0.0 0.0 0.0 0.0 0.524 8.681 61.356 28.301 11.430 12.927 1.857 0.0 0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.011 19.865 11.913 4.058 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.012 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.012 16.300 2.741 3.494 0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 0.0 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 0.0 0.0 0.0 0.0 0.0 0.0 4.345 15.635 28.301 11.430 21.158 4.345 0.0 0.0 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 14.531 2.504 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.527 10.939 7.462 1.857 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 7.085 18.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 0.0 4.664 7.085 18.805 37.342 3.780 0.0	0			0.0	52	3.2	A. 6	80.7	15.6	7.8	0	0
0.0 0.0 0.0 0.0 0.0 0.524 8.681 61.356 28.301 11.430 12.927 1.857 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.524 7.855 15.071 19.865 11.913 4.058 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.977 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 3.494 0.0 0.0 0.0 0.0 0.0 4.345 15.635 28.301 11.430 21.158 4.345 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0	•		0.0	52	6.6	10.9	167.4	16.2	23.9	3.23	0
0.0 0.0 0.0 0.0 0.524 13.983 21.158 26.051 23.212 3.780 0.0 0.0 0.0 0.0 0.0 0.524 7.855 15.071 19.865 11.913 4.058 0.0 0.0 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 3.494 0.0 0.0 0.0 0.0 0.0 4.345 15.635 28.301 11.430 21.158 4.345 0.0 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 2.970 6.333 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 14.531 2.504 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 7.085 18.605 37.342 3.780 0.0	ċ	•		0.0	52	Φ	61.3	28.3	11.4	12-9	1.85	0
0.0 0.0 0.0 0.0 0.0 0.524 7.855 15.071 19.865 11.913 4.058 0.0 0.0 0.0 0.0 0.524 11.913 17.386 15.071 16.200 2.970 0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	ċ	•		0.0	52	σ:	21.1	26.0	23.2			0
0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0			0.0	. 52	α	15.0	19.8	11.9	4.	O	0
0.0 0.0 0.0 0.0 0.0 0.524 23.907 21.837 17.984 11.430 2.741 3.494 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 0.0 0.0 0.0 0.0 0.0 0.0 4.345 15.635 28.301 11.430 21.158 4.345 0.0 0.0 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 2.970 6.333 0.0 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 14.531 2.504 0.0 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 291.223 737.498 750.033 656.237 345.369 121.606	0			0.0	. 52	0	17.3	15.0	16-2	5•3	0-0	0
0.0 0.0 0.0 0.0 0.0 0.0 19.227 10.939 20.520 10.465 17.386 2.741 0.0 0.0 0.0 0.0 0.0 4.345 15.635 28.301 11.430 21.158 4.345 0.0 0.0 0.0 0.0 2.741 10.939 19.865 16.805 16.805 2.970 6.333 0.0 0.0 0.0 0.0 2.741 10.939 17.386 10.465 16.805 2.970 6.333 0.0 0.0 0.0 0.0 2.970 6.693 13.983 19.227 10.939 7.462 1.857 0.0 0.0 0.0 2.741 8.681 11.913 9.565 12.404 4.958 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 37.342 3.780 0.0 0.0 0.0 0.0 0.0 4.664 7.085 16.805 9.998 17.342 3.780 0.0 0.0 0.0 0.0 4.664 291.223 737.498 750.033 656.237 345.369 121.606	o	Ö		0-0	52	0	21.8	17.9	11.4	2.	3.49	0
0.0         0.0         0.0         4.345         15.635         28.301         11.430         21.158         4.345         0.0           0.0         0.0         0.0         2.741         10.939         19.865         16.805         2.970         6.333           0.0         0.0         0.0         1.162         9.998         17.386         10.465         16.805         2.970         6.593         13.983         19.227         10.939         7.462         1.857           0.0         0.0         0.0         2.741         8.681         11.913         9.565         12.404         4.958         0.0           0.0         0.0         4.664         7.085         16.805         9.998         37.342         3.780         0.0           0.0         0.0         4.664         7.085         16.805         9.998         37.342         3.794           0.0         0.0         4.664         7.085         16.805         3.3494         3.494           0.0         0.0         0.0         47.864         291.223         737.498         750.033         556.237         345.369         121.606	Ċ			0.0	22	0	20.5	10.4	17.3	2.	_	0.0
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0.0         0.0         0.0         1.162         9.998         17.386         10.465         16.805         14.531         2.504           0.0         0.0         0.0         2.970         6.693         13.983         19.227         10.939         7.462         1.857           0.0         0.0         0.0         2.741         8.681         11.913         9.565         12.404         4.958         0.0           0.0         0.0         4.664         7.085         16.805         9.998         37.342         3.780         0.0           0.0         0.0         5.302         9.565         18.605         3.494           0.0         0.0         47.864         291.223         737.498         750.033         656.237         345.369         121.606	Ö			0.0	74	0	19.8	16.8	16.	2.	6.33	0.0
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STATION OKKAN DAM SITE (CA=225 SQ.KM)

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	NDN	81.810	0.0	•59	• 04	7.01	• 43	5.8	96.	.50	5.66	49	.95	-25	37	•	•	•	•			•		•					4	-		175.039	
	OCT	81-810	7.04	.28	0.32	.89	3.29	1.68	3.77	• 16	2-55	0.44	-23	6-26	.51	• 46	.40	. 22	31	19	(A)	02	86	• 94	.53	68	8.	25	.01	42	96	352.078	i :
	SEP	17.273	5.72	0.53	0.82	4.24	4.50	2.76	5.60	.21	7.95	1.48	4.16	-61	1.17	<b>5</b> 54	-73	00.	.61	.36	44-	•04	**	•02	.87	7.1	50	.82	44.	.51		366.201	×/šec
EC)	AUG	41.907	7.08	7.08	1.55	0.24	4.6	1.55	6.47	7.08	2.23	7.08	8.32	4.69	5.30	.47	4-13	8.54	3.58	4.13	7.42	-67	4.86	89	7.87	. 58	8.60	5.30	61-4	0.24	7-07	611.384	.801 CUK
(CUM/SE	JULY	13.565	56	.84	.04	.30	-1	• 08	90	3.56	7.70	5.67	0.89	7.08	7.89	- 70	4-13	1.37	.08	.81	.31	.83	.81	5.88	• 08	4.13	31	.32	14.	69.	. 84	435-949	R= 2834
1975	JUNE	18-327	1.55	4.25	0.24	3.54	0.24	5-88	09.6	2.89	2-23	2.23	3.56	09.6	09-6	6.47	1.37	96.	69•	8.32	1.55	• 70	7.70	3.00	8.96	3.58	99.	.88	.81	4.6		543.925	FOR YEA
ARGE FOR	MAY	0.622	.62	• 26	. 89	4-86	- 23	.87	• 04	.01	2-43	. 83	- 47	<b>80</b> •	-37	• 04	.31	- 42	• 84	<b>60</b> •	~	-31	.31	• 08	-87	- 86	.83	~	<u>. 33</u>	- 97	.30	330.225	TĈĪAL
ILY DISCH	APR	0.0	• (•	0	•				•		•	•	•	•				•	•					•	•	•		•	•			0.0	
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F				DA	ILY DISCH	ARGE FOR	1976	(CUM/SE	(3)					
	DAY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	00.1	NOV	DEC	
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	7	•			•	_	49	6.46	8.80	44	4 1	53	9	
	m ·	•				•	82	1.61	66	33	N 0	9	9	
		٠	•				21	0.41	57	7433	21	63	8	
	Λ 4	•	•	•			2.63	5.25	90	4	82	40	9	
	o 'r	•		•			20 0	7.61	9 ,	4.	212	4.0	5	
	- 60		0	000	0.0	000	9.025	10.415	7.372	40-107	4.827	2.258	0.867	
	6						82	4.00	60	0.0	92	6		
	01	٠					36	9.78	0	9.05	9	8.	-	
	( (	•				0	8.02	7.17	99	19*5	6	8.	F	1
•	71	•				75	19-71	2	9-29	1-61	_	.6	-	
	F) 1	•	•			•	4.	3.70	35	9.4	7	1.620	7	1
	•	•	ə i	•	e i	52	9.05	8.8	4.25	2.7	0	.9-	9	
	<b>~</b> ;					÷	56	1.80	4.4	0 • 5	4	9.	9	
**	9 !			٠		• 36	50	[.]	7.6	1.4	N	4.	0.0	
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		D • 0		•	•	1.988	4	-	0	4.0	4.		0.0	
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	CTAL	0.0	0.0	0.0	0.0	36.188	517.105	520.188	350.558	496.053	271.685	55.628	12.502	3B-
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ICTAL FOR YEAR* 2259.906 CUM/SEC

STATION OKKAN DAM SITE (CA=225 SO.KH)

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	OCT	.87	.70	169	00.	. 84	.02	-62	10.955	96	E0.	-21	9.	- 95	0	.11	19.	88	-41	95	50	27	. 8.	.03	31	8	33	8 3	7.	25	.54	2	162-797	
	SEP	7.30	3.46	0.18	4-42	2.56	0.15	96*9	14.459	1.52	4-20	2.18	7.96	3.37	8.58	9.	• 66	•31	• 69	.41	23	. 14	• 0.4	. 53	47	99.	7	.98	.58	-26	99		70.511 1	
	ÀUG	1.44	2-25	8 * 6	7.69	3-74	9.37	7.34	38.225	3*90	7.38	2.92	• 99	6.	5	.50	• 98	• 43	.98	• 98	4.50	1-44	38	4-50	4-50	1.15	6.78	7.38	0.03	0.74	9-66	7.36	83.990 3	
1007/30	זחר	7.38	3-15	5-07	9.84	5.59	1.83	9.84	41.875	2-25	1-15	5.63	2-40	9	9.54	7.34	3-90	1-15	9.22	4-50	69	9.86	2.79	4-74	<b>6-</b> 80	2 - 2 5	9.84	8.18	2-25	9.84	4-84	2.55	03.049 8	
1311	JUNE	• 74	.27	- 97	• 95	•62	• 46	.07	7.257	- 95	• 66	• 66	•06	• 33	• 66	99-	99.	• 66	69.	1.40	• 50	98*6	3.98	9.54	• 60	3.98	8.68	9.84	• 38	6.78	7-38		43.374 9	
o i	MAY			•					0.0	•	•	0			0	•62	• 62	- 62	. 50	-62	- 23	.27	. 72	25.	99.	. 50	- 91	66.	- 27	• 06	• 62	21.158	93-395 3	
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TCTAL FOR YEAR* 2808.952 CUM/SEC

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				DAIL	Y D15	CHARGE FOR	1978	(CUP/SE	EC)					
;	DAY	NAU	FEB	MAR	APK	HAY	JUNE	JULY	AUG	SEP	OCT	NCV	DEC	1
•	1	i .				2	0.8	3.518	į	53.29	16	0.442	0.041	
	2		0.0		0.0	5	0.54	2	6.284	8	20-14	9.4		
	8	1 .				9	0.09	G.	68-245	110.2	9.94	0.38	Ō	
	4					5	0.16	=	25.40	36.3	9.6	0.32	=	
	, FU					9	0.20	5	19.16	52.69	9.23	0.2	9	
	•					ò	0.26	5	15.82	40.16	8.47	0.2	=	
	~					04	1.77	9	25.40	65.5	7.94	0.2	=	
	œ					9	3.26	6	24.9	65.7	7.3	0.2	$\simeq$	
	6	: •				ŏ	7.2(	2	24.7	7.5	3.6	0.1		
	01					ŏ	4.7(	õ	23.2	12.1	3-1(	0.1	$\overline{}$	,
; ;	, pred , pred					Ö	2.5	-	40.9	8.9	6-3	0.1	ö	
	12					õ	0.7	8.7	20.3	34-2	3.6	0.1	ō	1
;	13					Ö	6.0	æ	13.4	31.5	2.9	0.1	0	
	4					0	0	6.0	13.9	15.4	23.2	0.1	0.016	
	15	1 9	1 .			0	0.7	-	18.0	15.1	10.0	0-1	0.0	
	16					ň	0.8	3.5	10.3	11.2	3.0	0-1	0•0	
:	17		•			~	2.7	4	5.7	7.5	0.8	0-1	0-0	
	7		•			'n	2.4	ŝ	40.9	7.2	2•0	0*1	0.0	
!	19	•				Ñ	35.8	•	14.7	7.3	1.5	0-1	0	
	20					ġ	22.5	0	11.1	21.7	1.3	0.1	0.008	
	21	٠.	10			L.	21-3	6	35.8	7-2	1.1	0	0	
	22	•				~	27.7	Q.	45.9	36.0	2.0	0	800*0	1
	. 23	•				Ý	4.5	<u>_</u>	22.5	29.7	-	•	0.0	
	24		•			~	8.9	~	21.5	9.1	<b>.</b>	ċ	0	
	25		•			6	3,3	N.	17.2	5.6	0	0	0.008	
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	27	1 .				3	4.3	<b>!</b>	20.3	9	0	0.0	0	
	28	•				4.	29.3	۲.	58	2		0	0.008	
	. 62					7	4.3	~	80.6	9	0	•	0.0	Pa
	30	•				4	4.6	~	45.6	11.	0	•	0.0	ıge
•	31	0.0		0 • 0		0.761		ω,	29.0		0		0.0	6
1								į					1	0
	TOTAL	0.0	0.0	0.0	0.0	16.012	200-838	400.367	816.567	730.747	163.122	5.081	0.237	
i	•						L			؛ ا				
						1014	L FUR YEA	DK = 233	7 1/5*7	ことといい				

STATION OKKAN DAM SITE (CA=225 SO.KM)

;

1				DA	11 Y 01 SCH	SCHARGE FOR	1979	" CUP/SEC	EC)		t t	!		
1         0.0         0.0         0.0         0.065         1.964         22.925         4.525         7.699         0.527         0.0033           3         0.0         0.0         0.0         0.005         0.065         0.1065         1.964         32.925         5.495         5.591         0.527         0.033           4         0.0         0.0         0.0         0.00         0.005         0.286         1.353         20.465         0.477         0.03         0.00         0.00         0.00         0.00         0.005         0.005         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006         0.006	⋖	Αť	i w i	∢	اما	i ⋖ i			j 🗩 🛚	ப்ப	<b>U</b>	NOV	i w	
2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		•0	•	•	•	• 06	• 06	96.	2.92	.52	59.	. 52	• 03	•
3         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         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         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         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         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         0.0	- •	0		•	•	• 06	• 06	-96	0.13	0.40	• 89	• 4 1	.03	
4         0.0         0.065         0.286         1.375         20.586         25.486         3.256         0.311         0.033           6         0.0         0.0         0.065         1.055         1.375         1.364         3.502         0.278         0.074           7         0.0         0.0         0.065         0.736         1.375         1.364         3.502         0.278         0.0774           8         0.0         0.0         0.0         0.065         0.736         1.345         50.523         1.3487         0.278         0.0774           9         0.0         0.0         0.0         0.065         0.376         1.345         50.523         1.3487         0.278         0.0278           10         0.0         0.0         0.0         0.065         0.376         1.4640         1.4640         0.278         0.038         0.0374           11         0.0         0.0         0.0         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         0.00         0.00         0.00         0.00         0.00         0.00 <t< td=""><td></td><td>0</td><td>•</td><td>٠</td><td>•</td><td>90-</td><td>- 13</td><td>• 1 9</td><td>3.58</td><td>1.61</td><td>- 52</td><td>.32</td><td>03</td><td></td></t<>		0	•	٠	•	90-	- 13	• 1 9	3.58	1.61	- 52	.32	03	
5         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         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         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         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         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         0.0	•	ċ	•	•		• 06	-28	.37	0.53	5.48	• 25	•31	<b>60</b>	
6         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         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         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         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         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         0.0		• •	•		•	0	•25	• 56	2.71	1.88	-89	.27	• 03	
7         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         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         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         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         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         0.0	7	0	•	•	•	0	• 05	37	3.36	4-64	.50	-21	• 07	
8         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         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         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         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         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         0.0		0		•	•	0	81	.16	2.11	3.58	£ 43	.27	•02	
9         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         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         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         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         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         0.0	-	0	•		•	0.	.73	.43	0.52	3.28	.71	.27	• 0 a	
10		0	•		•	0.	.37	90	8.67	5.51	54.	.27	• 03	
11	1	ċ	•		•	0	14.	6.92	.43	.60	. 82	.27	•03	
12	Ī	•	•			0	•03	4.64	61.	.98	-41	.27	.03	
13	-	ċ		0.	•	0	.97	6.55	3.12	. 56	100	-25	£0.	
14         0.0         0.0         0.0123         0.491         17.092         29.896         2.585         2.585         0.229         0.008           15         0.0         0.0         0.065         0.584         12.567         25.045         1.964         0.213         0.018           16         0.0         0.0         0.065         0.589         1.2567         25.045         1.974         0.213         0.008           17         0.0         0.0         0.0         0.005         0.589         1.2567         25.045         1.974         0.213         0.008           17         0.0         0.0         0.0         0.0         0.0         0.009         0.006         0.009         0.006         0.009         0.006         0.009         0.006         0.009         0.006         0.009         0.009         0.009         0.009         0.016         0.009         0.016         0.009         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.0		0		0		07	-26	4.95	0.92	69.	53	.25	.01	<u> </u>
15	7 [	ô			•	. 12	64-	7.09	9.89	.58	• 58	-22	00-	
16         0.0         0.0         0.065         0.569         7.699         39.469         1.964         1.178         0.205         0.008           17         0.0         0.0         0.0         0.065         4.025         12.428         17.959         1.522         0.998         0.205         0.008           19         0.0         0.0         0.0         0.218         0.565         5.821         1.675         0.810         0.205         0.016           20         0.0         0.0         0.0         0.0         0.311         0.565         5.821         5.671         0.810         0.205         0.016           20         0.0         0.0         0.0         0.0         0.311         0.565         3.431         2.056         0.671         0.016           21         0.0         0.0         0.0         0.0         0.017         0.056         0.017         0.016         0.016         0.017         0.016         0.017         0.016         0.017         0.016         0.017         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016         0.016	1	0		•		8 C 8	+ £ .	.56	5.04	96.	-91	-21	00	
17         0.0         0.0         0.065         4.025         12.428         17.959         1.522         0.998         0.205         0.006           18         0.0         0.0         0.278         1.375         9.466         22.115         1.677         0.810         0.205         0.016           19         0.0         0.0         0.0         0.311         0.565         5.851         5.666         0.671         0.205         0.016           20         0.0         0.0         0.0         0.164         1.432         5.455         15.451         0.671         0.205         0.016           21         0.0         0.0         0.0         0.0         0.0         0.016         0.0172         0.016           22         0.0         0.0         0.0         0.0         0.056         0.364         0.0172         0.016           23         0.0         0.0         0.0         0.0         0.064         0.265         0.265         0.265         0.016           24         0.0         0.0         0.0         0.0         0.0         0.0         0.0         0.068         1.694         11.610         2.992         0.565         0.016	16	•		•	•	90.	.58	• 69	9-46	.96	.17	.20	00.	
18         0.0         0.0         0.0         0.278         1.375         9.466         22.115         1.677         0.810         0.205         0.016           19         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         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         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         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         0.0         0.0         0.0         0.0         0.0         0.0		0			•	• 06	-02	2.42	7.95	.52	66.	.20	00•	
19         0.0         0.0         0.311         0.565         5.891         55.662         3.755         0.671         0.205         0.016           20         0.0         0.0         0.184         1.432         5.856         15.431         5.056         0.646         0.172         0.016           21         0.0         0.0         0.0         0.0123         0.589         5.056         33.431         2.283         0.565         0.0172         0.016           21         0.0         0.0         0.0         0.098         1.285         5.719         8.779         6.5211         0.565         0.0172         0.016           22         0.0         0.0         0.0         0.098         1.285         5.719         8.779         6.521         0.565         0.0172         0.016           24         0.0         0.0         0.098         1.563         1.694         11.610         2.905         0.565         0.016         0.016           25         0.0         0.0         0.098         1.563         1.694         11.610         2.905         0.565         0.016         0.016           26         0.0         0.0         0.0         0.065	Ĩ	0		•		-27	-37	.46	2.11	-67	.81	.20	•01	
20         0.0         0.0         0.164         1.432         5.425         15.431         5.056         0.172         0.016           21         0.0         0.0         0.0         0.123         0.589         5.056         33.431         2.283         0.565         0.172         0.016           22         0.0         0.0         0.0         0.098         1.285         5.719         8.779         6.55         0.123         0.016           24         0.0         0.0         0.0         0.00         0.00         0.285         0.205         0.205         0.016           24         0.0         0.0         0.0         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         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         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         0.00         0.00         0.00 <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>.31</td> <td>. 56</td> <td>•85</td> <td>5.66</td> <td>• 75</td> <td>19.</td> <td>.20</td> <td>10.</td> <td></td>		0				.31	. 56	•85	5.66	• 75	19.	.20	10.	
21         0.0         0.0         0.123         0.589         5.056         33.431         2.283         0.565         0.172         0.016           22         0.0         0.0         0.098         1.244         2.013         12.715         2.692         0.565         0.205         0.016           23         0.0         0.0         0.098         1.244         2.013         12.715         2.692         0.565         0.205         0.016           24         0.0         0.0         0.0         0.098         1.285         5.719         8.779         6.521         0.565         0.205         0.016           25         0.0         0.0         0.0         0.098         1.563         1.694         11.610         2.905         0.205         0.016           26         0.0         0.0         0.098         1.563         1.694         11.610         2.905         0.205         0.016           26         0.0         0.0         0.065         1.448         2.962         1.458         0.205         0.458         0.205         0.016           28         0.0         0.0         0.0         0.065         1.448         44.959         10.490	21	0			•	• 16	43	-42	5.43	-05	• 64	.17	.01	
22         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         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         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         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         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         0.0	2	0			•	-	5.8	• 0 5	3.43	-28	. 5 . 5	1.	.01	
23         0.0         0.0         0.098         1.285         5.719         8.779         6.521         0.565         0.123         0.016           24         0.0         0.0         0.098         1.563         1.694         11.610         2.905         0.565         0.205         0.016           25         0.0         0.0         0.0         0.082         3.199         7.962         7.805         24.611         0.565         0.205         0.016           26         0.0         0.0         0.0         0.065         4.975         1.448         23.662         18.131         0.458         0.205         0.016           27         0.0         0.0         0.065         4.975         1.448         23.662         18.131         0.458         0.205         0.008           28         0.0         0.0         0.065         29.405         1.448         44.959         10.440         1.579         0.172         0.008           29         0.0         0.0         0.065         28.456         3.379         9.237         29.315         0.998         0.205         0.016           30         0.0         0.0         0.0         0.065         28.456 <td>2</td> <td>0</td> <td></td> <td>•</td> <td>•</td> <td>• 09</td> <td>.24</td> <td>.01</td> <td>2.71</td> <td>69.</td> <td>• 56</td> <td>• 20</td> <td>.01</td> <td></td>	2	0		•	•	• 09	.24	.01	2.71	69.	• 56	• 20	.01	
24       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       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       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       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       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       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.	2	0	•		•	• 04	- 28	.71.	8.77	.52	• 56	.12	10.	
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26         0.0         0.0         0.065         4.975         1.448         23.662         18.131         0.458         0.205         0.008           27         0.0         0.0         0.065         5.809         0.916         77.547         7.699         0.417         0.172         0.008           28         0.0         0.0         0.065         29.405         1.448         44.959         10.440         1.579         0.172         0.008           29         0.0         0.0         0.065         29.405         1.448         44.959         10.440         1.579         0.172         0.016           29         0.0         0.0         0.065         29.405         1.448         44.959         10.440         1.579         0.172         0.016           30         0.0         0.065         28.456         3.379         9.237         29.315         0.998         0.205         0.008         0.008           31         0.0         0.0         0.065         28.456         3.379         9.237         29.315         0.998         0.205         0.008         0.008           31         0.0         0.0         0.065         28.456         3.456	2	0	•		•	.08	• 19	96.	80	4.61	.54	.20	01	
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TCTAL FOR YEAR* 1817.101 CUM/SEC

Appendix 33-2 Page 62

STATICH OKKAN DAM SITE (CA=225 SQ.KM)

														!									ı					,	Pa	g	e 6	2		
	DEC	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	0.0	0.0	0.0	0.0	0.0	0.0	0•0	0•0	0.0	0.0	0.0		•	<u>.</u>
	NOV	1.178	N.	9	1	2	~	$\tilde{\sim}$	~	ā	N	ō	ø	S	'n.	Ç	'n	4	4	4	Š	v:	_	Ÿ	¥	٠,	•	-	٦.	•		776 30	7.5	•
	OCT	31.377	19.39	7-73	7.25	5.49	6.48	4.8	6-5	3.5	2.7	2.8	3.7	2.7	2.1	32.3	18-4	25.4	13.8	7-1	4.0	3.1	2.4	1.5	1.6	1.5	1.	1.	0	0	~	246 062		<u> </u>
	SEP	17.697	96	-63	•24	5.	9.	9	-1	~	~	9	4.	.2	7.8	3.5	5.4		4.3	4-7	1.8	4.7	ů.	Ľ,	Φ.	L.	-	Γ.	·		ı	631 643	21.70	UMZSEC
C.)	AUG	56.095	7.231	0.317	223	597	7.257	-957	. 180	.391	. 756	666	455	.192	455	1.317	377	194.	-682	2-365	321	600*6	3.3	3.2	5.0	9.4	3.8	<b>5</b> • <del>5</del>	2.0	8	5.6	067	K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = - K = -	-753 CL
(CUM/SEC)	JULY	12.240	9.59	2	2	2	3.22	9.90	2-5	3.25	3.8	5.84	9	2.9	0.5	5.2	1.4	Ç.	ú	3.6	2.6	5.0	9.9	6.2	5.4	٠.	1.0	9.8	2+3	4.7	1.6		4.035	R= 2982
1980	JUNE	0.597	86	40	96	6.32	74	7	-	3	~	2	9	~	Ö	m	-	4	ņ	÷	ø	9	æ	4	6.	9	-	۲.	<u>بي</u>	-2		63 0	350-056	FOR YEA
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LY DISCHA	APR	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	0.0	0.0	0.0	0-0	0.0	0.0	0.0	0.0	0.0	0.0	:		0.0	
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Table 3B-13
CALCULATION OF SUCCESSIVE RAINFALL AT KYALPYINTHA

	ANNUAL			
YEAR	DAILY MAX	2-DAY	3-DAY	6-DAY
1954	113.74	137.77	159-86	257 <b>.</b> 49
DATE	221	220		
1955	94.41	116.80	219	221
DATE	179	194	129-12	168.74
1956	83.18	134.54	194	179
DATE	200		168.37	229-04
1957	116.10	200	199	149
DATE	151	159-18	204-52	274.68
1958	100.37	182	182	179
DATE	243	132.75	163.10	210.95
		242	242	239
1959	64.72	96.30	136.53	186.28
DATE	248	248	248	270
1960	112.17	120.83	137.56	214-64
DATE	289	289	214	182
1961	147.91	170.92	176.63	211.95
DATE	166	166	165	186
1962	133.64	169.33	189.91	225.32
DATE	146	145	144	204
1963	83.66	163.12	199.66	255.72
DATE	194	193	193	193
1964	123.03	142.99	161.19	166.98
DATE	283	283	128	128
1965	100.57	127.22	158.71	215.59
DATE	151	150	232	162
1966	67.16	109.89	132.36	230.34
DATE	199	217	210	207
1967	81.84	118.66	153.53	264.52
DATE	245	244	128	215
1968	114.56	133.60	171.37	244.37
DATE	216	169	214	212
1969	83.29	129.80	151-65	203.53
DATE	151	151	150	147
1970	78.86	137.07	205.61	254.43
DATE	192	191	190	190
1971	74-14	133.41	193.12	236.96
DATE	146	202		· · · · · · · · · · · · · · · · · · ·
1972	81.60	113.66	201 145-82	199
DATE	216	216		173.46
1973	236.92		194	193
DATE		286.04	330-34	357.31
	169	169	168	168
1974	119.52	132.47	142.43	244.79
DATE	162	162	160	236
1975	193.66	246.19	248.25	253.40
DATE	128	127	127	127
1976	179.29	232.59	282.01	309-15
DATE	164	163	163	160
1977	109.93	135.45	150-17	208-08
DATE	218	217	216	213
1978	86-40	163-40	206.80	280.00
DATE	172	171	170	170
1979	105.00	142.5C	156.40	266-00
DATE	193	ì93	178	189
1980	74.00	110-50	136.50	196-30
DATE	196	195	194-	233
			A 9 4	

Probability Analysis of Daily Maximum Rainfall at Kaupyintha Table 38-14 (1)

## **** THE PRINABILITY OF FXCEEDANCE ON CKKAN DAM TRRIGATION PROJECT ****

X : ANNUAL CAILY MAX

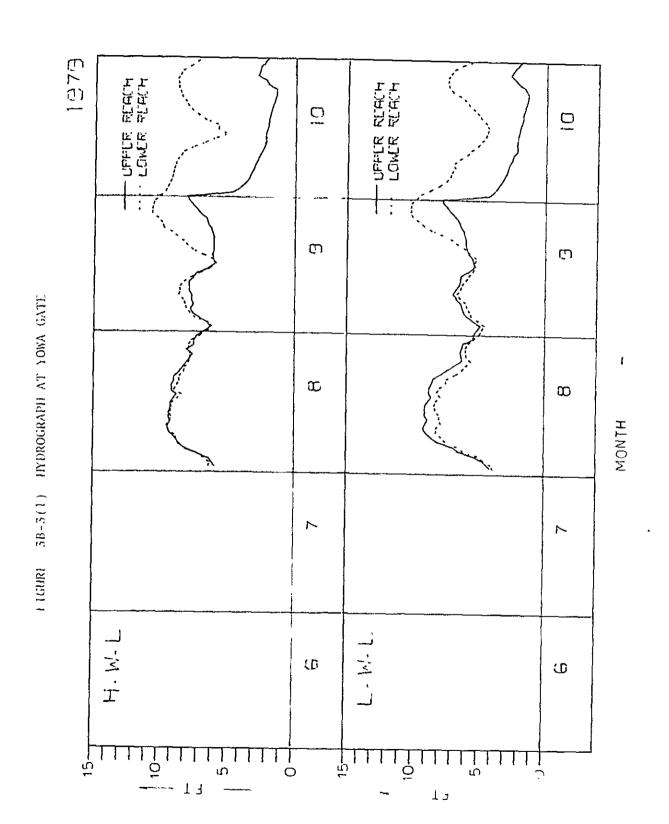
2.

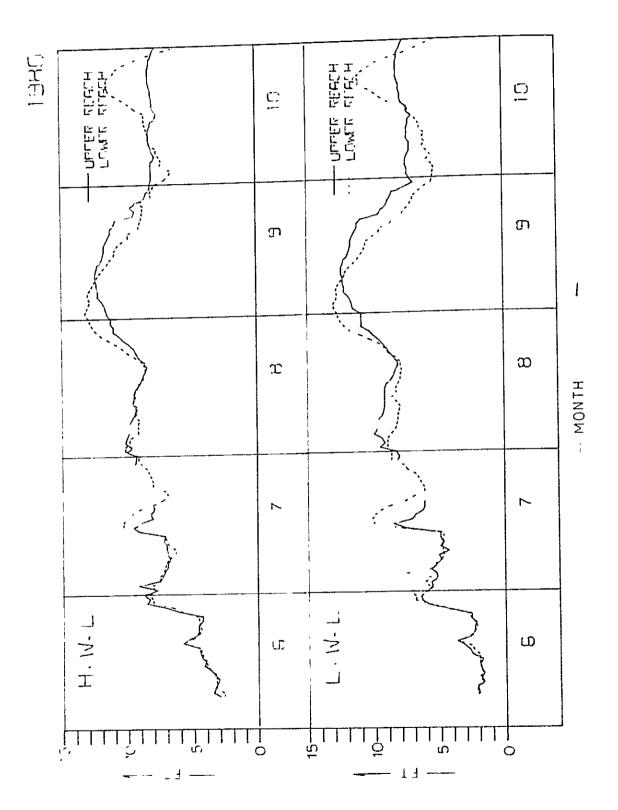
	m + + ×	0.70	67563.0	64222-0	35224-0	84620.0	160867.0	15373.0	106485.	564935.	505059	465878.	412467	327372.	157625.	018107.	012047.	8047	2613.	1231.	6953.	4972	6376.	.8005	57593C•19	1345	3338	1168	)6868.	15224	3464	70839	56603232.00	825910.0			
	~ * * ×	÷	519.6	148.4	874-4	848.	129.0	352.	1280.	3479	3133.	2927-1	2588	2078.	1025	0120.	0080.	20.	-60	1.1.	67.	- 64	105.	338		91.	539	225.	490.	÷76,	515	186.	409189.69	3199.6			
•	HAZEN PLCT(%)	ω,	٦.	Ç,	_	۲.	Ŋ	٦	æ	•	•	•	ĭ	•	•	•	•				_	m	ċ	~	24.15	ċ	-	4	Ŀ	•							
	THEMAS PLOT(%)	۳.	Γ.	٠,	2	~		7	٠,	÷	7	Ť		•	:	•	$\bar{\mathbf{z}}$	-	•	ě		. #	•	α.,	25.00	;	8	ď	2.			•		። ሃሃዞ			
•	YY Y # 4 2	1 7	6119	71.6	9986	7213	5013	4361	4233	3441	3051	2874	25CE	£61	0651	945	937(	913	836	756	114	486	285	370	2.36619	311	303	191	.975	.970	.607	. 452	358	.9793			
	Y = Y	7797	1614	1169	9955	525C	B711	8520	8502	8288	8191	1213	.8030	7869	7507	,715	7113	707	684	660	647	.57¢	544	.535	1.53824	.520	-517	490	-405	.403	.267	-205	2.5810	1.7090	= 0.34740 = 37.26925	5562-1	
1 2	× + 0	8B.23	€0•	30.63	23	. 93	.33	. 13	. 83	. 43	. 93	63-63	1.53	. 23	33	1.53	1.7	65.0	3.33	5.73		1.7	S	9.6	34.534	3.1	2	~ 0	5.4	5.3	8.5	0.9		<b>&gt;</b> -	<b>^(=}</b>	3)//5x**3)	
	רנננאו	. 7745	.2071	.2535	1655	1758	6683.	. 6784	.C773	. C6 4 H	. 6591	.0557	6693.	. 6410	. 6211	.6026	.0017	. 59RZ	. 9861	.5749	. 5689	. 536	275	.520	1.52012	. 215	115	897	81.9	598	827	.810	.4866	2-01551	<b>) * ( 「 ー フ</b> ・ へ と × *	, † (1)	
	×	36.90	93.70	79.30	47.90	13.60	23.00	19.80	19.50	16.10	14-60	13.70	17.20	0.40	05-00	0-60	06.40	5.60	7.03	4.40	3.10	0 * 40	3-70	3.30	83.200	1.BC	1.60	R.9(	4.10	<b>%</b> .000	7.2	4-70	69.19	108-684	/ 4 * 2   > 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	XX+m - m+x	
	YEAR	16	6	57	96	96	96	95	57	95	36	95	96	47	16	96	0.5	95	95	ů,	95	6	ð.	96	1956	96	9	4	4	93	96	9		H	μ μ α ×	łı	
	CRDEP	-	7	m	4	'n	\$	7	æ		10	11	112	13	14	1.5	16	17	1.8	13	20	21	22	23	24	25	26	27	28	52	30	31	TOTAL	ΕÀ			

		Table	Table 38-14 (2)	2)						
	<b>**</b> **	THE P	THE PRCBABILITY	J.	EXCEEDANCE	8	CKKAN DAM I	IRRIGATION PROJECT	PROJECT	* * * *
	×	: ANNUAL	AL DAILY	Y A X			-	2.	~	
			*	1 ໝ	V A L	U F	* *			
CRCER	×	×	SX	SX#IX	*IX	_	S x + I x	2 * X C - ( X I + X	(SX+1X	8 1
	36.900	9		5327.	·c	01,600	4587.2R		.331	-48.630
2	193.700	~ 3		13016.63	_	266,990	2276.49	•	.631	2.4
	79.300	14		13268.195	r.	253,300	2528.051		.031	-54.921
								101		-145.999
								Z U Z	и ш	-48.666
									en H	-48.666
	* * * *		Е РИПВАІ	THE PROBABLE VALUES	ES BY	.   441.	METHOD	* * *		
		ונפנ	+ ×	-48.666 ) =	× 1.9	1.10907 + 0	0.34740 * E			
RETURN-		,			ı					
PERIOD (YEAR)	~	u	α.	E ♦ F		A=YM+F#R	C=10+04	മ	X *C-8	
2	0*0	C	0.347	4 0.0		70	51.176	-48.666	o.	
5	0.5	Ç	0-3474	0.5	790	1.5158	82-377	-48.666	131.0	£ 3
10	0.0	$\circ$	0.347	n.3	148	.02	·	-48.666	154.3	6.
20	-	3691	0.347	0.4	040	7		-48.666	178.4	7
30	-	2367	0.347	C.4	505	.15	144.391	-48.666	193	<b>ED</b>
50	1.4	452C	1146.0	0.5	744	. 2.1	•	-48-666	212.1	
100	1.6	J	0.3474	0.5	715	-28	Ο.	-48.666	239.4	D
200 /	1.8	$\sim$	0.347	0.6	32.B	34	_	-48.666	268.3	0
500	2.0	•	0.347	7.0	0.10	41	•	-48.666	305-2	8
1000	2-1	æ	0.3474	0.7	591	46	5	-48.666	342.5	4

cu.m/sec in 100 percent CA = 225 sq km 708 cum/sec in 2.0 percent 797 cum/sec in 10 percent 894 cum/sec in 0.5 percent percent HYDROGRAPH AT MAIN DAM SITE Qp=1,143 cum/sec in O1 percent 01, 02, 05, 10, 20, 100 Percent) 1.030 cum/sec in 0.2 515 FIGURE 38-2 FLOOD (Probability Discharge -000'1 0 ( cn w \zec)

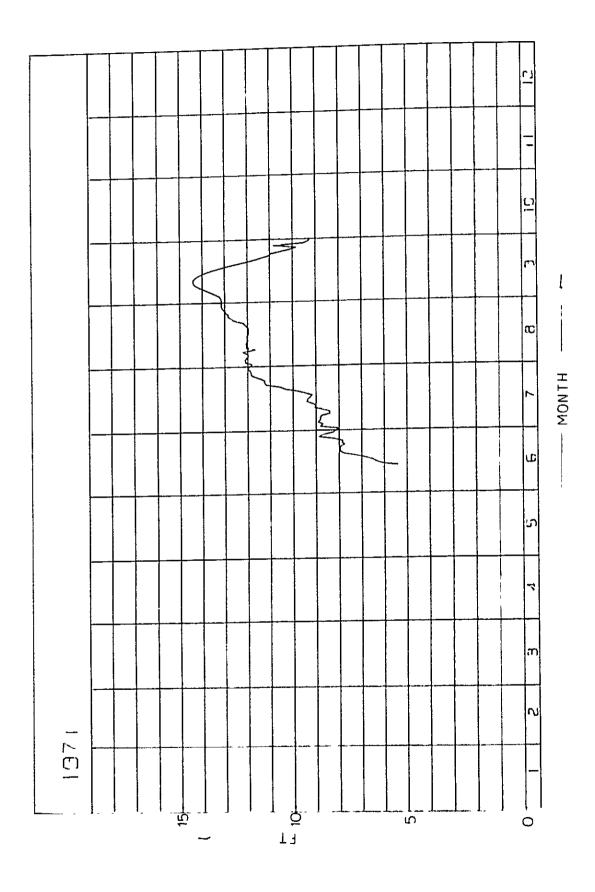
- Time (hour)

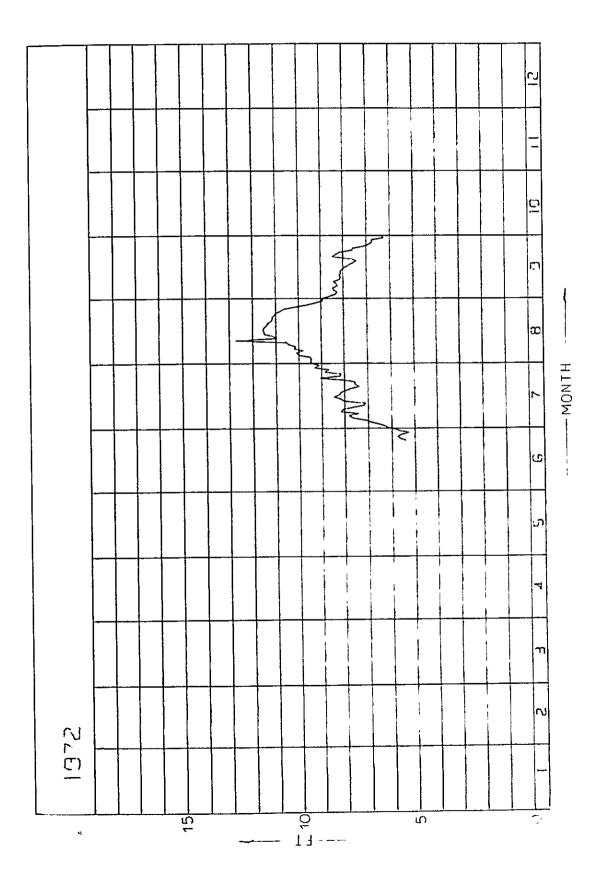


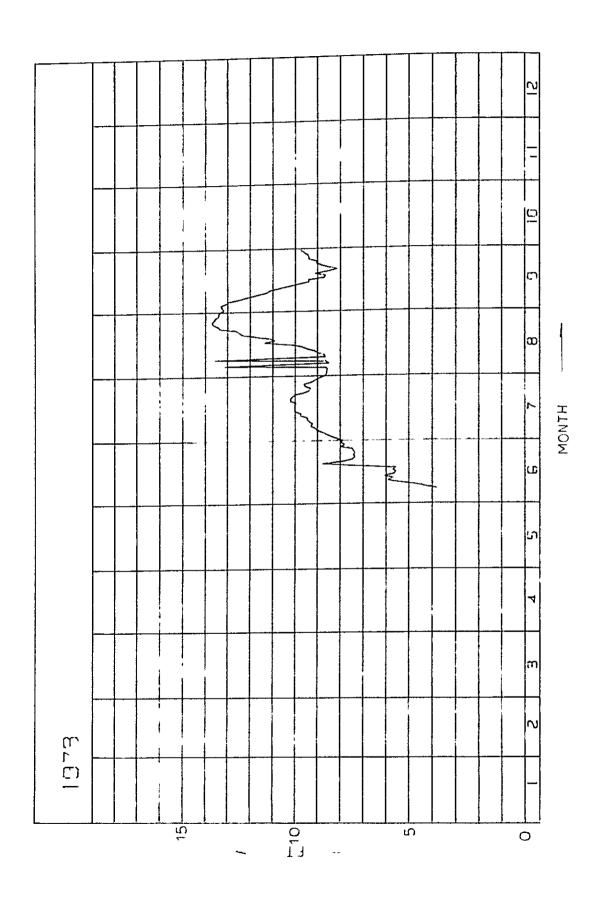


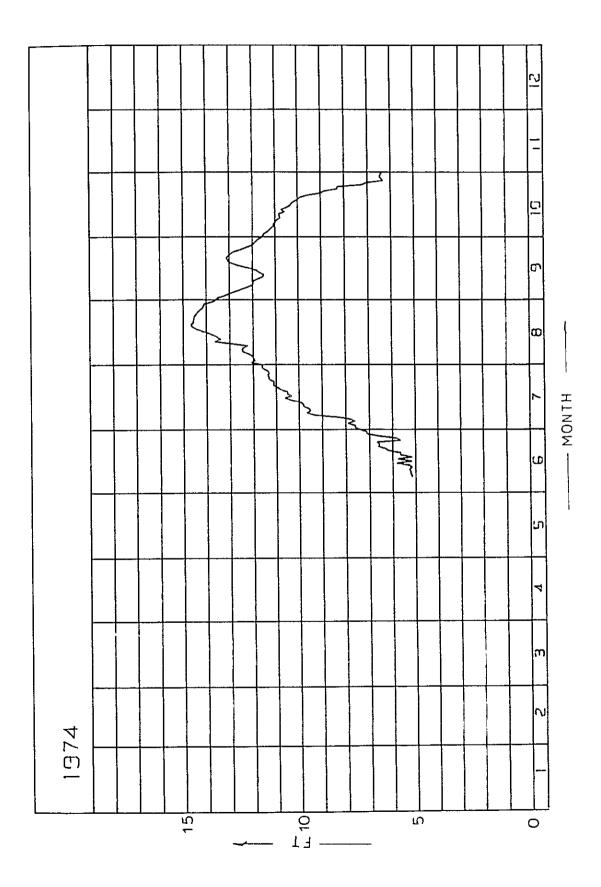
ر ۲  $\mathbf{c}$ FIGURE 5B-4 (1) IN PROGRAPITAL KUNNAKNATK œ KUNNAKYAIK 2 9 171 m N 1970 Г 7 <u>6</u>

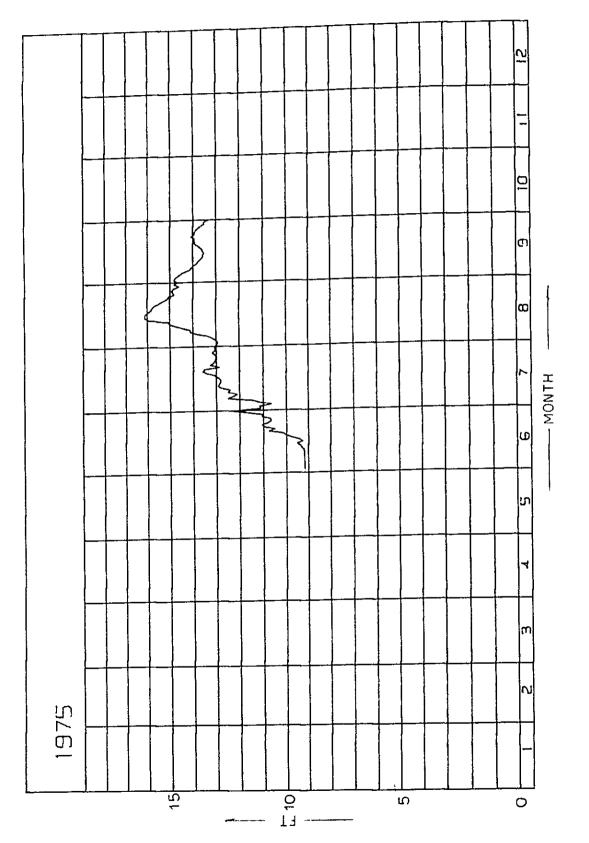
MONTH



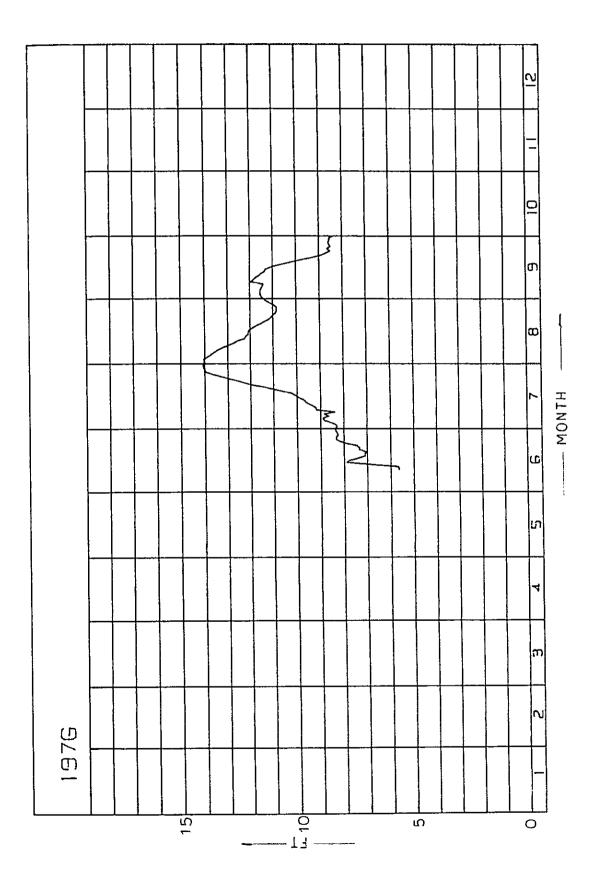


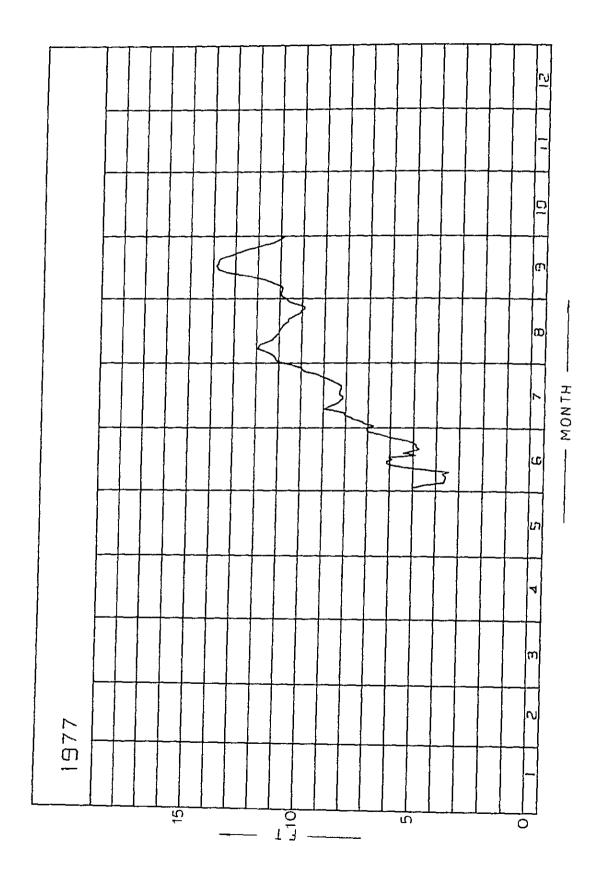


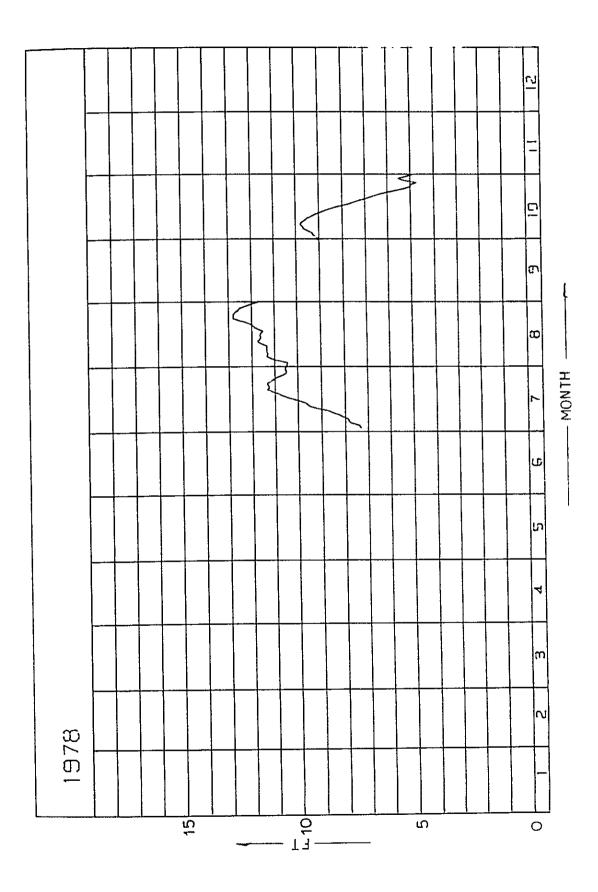




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MONTH -

