WATER DUTY AT MAJOR LATERAL CANA

DRY SEASON PADDY

				OBÉR			1			N	VEMB	ER				1			the second s	CEMB					1				NUAR'			
IRRIGATION SYSTEM		AIDDL E	·		LATE		1	FIRST			MIDDLI	Ξ		LATE			FIRST		the second se	IDDLE		<u> </u>	LATE		<u> </u>	FIRST	1		MIDDLE			_1
	A	WR	WØ	A	WR	WD	A	WR	WD	A	WR_	WD	A	WR	WD	Α.	WR	WD	A	WR		<u>A</u>	WR	WD	1	WR			WR_		<u>A</u>	-
(12,680 HA.)									l	37 7	08.47	2.60	1,963	3.023	1,78	6,038	7,223	1,38	9,057	9.310	1,19	12,028	12.514	1.10	12,680	10.128	0.92	12,680	10460	0.95	12,68	oli
SOUTH HIGH CANAL (9,580 HA.)										285	0.640	2.60	1,483	2.284	1,78	4,562	5.457	1,38	6,843	7.034	1,19	9,092	9.455	1.10	9,580	7.652	0,92	9,580	7903	0.95	9,580	D
OSCARIZ MAIN CANAL (3,100 MA.)										92	0.207	2,60	480	0.739	1.78	1,476	1.766	1.38	2,214	2.276	1.19	2,936	3.059	1.10	3,100	2.476	0.92	3,100	2357	0.95	3,100	2
						-				l															1					[
MARIS DIVERSION DAM (73,603 HA.)	Ļ533	3,894	2.92	12,901	28.968	2,36	26,947	28,87 }	1,24	40,592	36,376	1,04	48,191	37,151	0,89	53,553	50,187	1.08	59,918	59,526	-1,15	66,492	74.033	1.17	71,537	79.793	t:29	73,587	78539	1.24	73,60	13 F
LATERAL A (7,547 HA.)	337	1.089	3.74	2,830	8,592	3.19	5,660	7945	1.62	7,493	9,501	1.47	7,547	8,747	1,34	7,547	13.701	2,10	7,547	14,197	2.18	7,547	15.912	2.22	7,547	16.233	2,49	7,547	16312	2.50	7,54	7
LATERAL B (LTI3 MA.)	76	0.266	4.05	642	2.092	3.43	-1,285	1.869	1,68	1,701	1.990	1,35	1,713	1,740	1.18	1,713	3.007	2.03	1,713	3,123	2.11	1,713	3.468	2.13	1,713	3.545	2.40	1,713	3561	2,41	1,71	3
SOUTH LOW CANAL (7,920 HA.)	236	0.556	2.73	1,960	4.035	2.14	3,960	3.821	l.12	5,847	4,735	0.94	7,580	5.609	0.86	7,920	5,101	0,75	7,920	5.354	0.78	7,920	6.322	0.84	7,920	7,218	1.05	7,920	7.288	1.06	7,920	0
LATERAL C (7,149 HA.)	255	0.694	3.15	2,1 45	5.033	2,47	4,289	4549	1.23	6,321	5.014	0.92	7,149	4,010	0.65	7,149	4.884	0.79	7,149	5.355	0.87	7,149	6.204	0.91	7,149	6,941	1.12	7,149	7.017	1.14	7,149	9
LATERAL D (17,681 HA.)	631	1.269	2.33	5,304	9,216	1.83	10.609	8.593	0,94	15,635	10.595	0,78	17,681	10.350	0,68	17,681	10,465	0.69	17,681	11.210	0.73	17,66	13.202	0,79	17,681	14.864	0.97	17,681	15D19	0.98	17,68	1
CAUAYAN EAST EXTENSION										163	0,366	2,60	847	1.305	1.78	2,606	3.148	1.38	3,909	4,01B	1.19	5,183	5,401	1.10	5,473	4,372	0.92	5.473	4515	0.95	5,473	3
LATERAL E (2,662 HA.)							475	0.846	2,06	1,426	1.685	1.37	2,358	2,175	1.07	2,662	1.676	0,73	2,662	1.651	0.72	2,662	2.025	0.80	2,662	2,254	0.98	2,662	2261	0.98	2,662	2
(3,744 HA.)					1		669	1.248	2.16	2,006	2.490	1,44	3,316	3.215	1,12	3,744	2.467	0.76	3,744	2,435	0.75	3,744	2.991	0,84	3,744	3,336	1.03	3,744	3,344	1.03	3,744	
NORTH DIVERSION CANAL (7,074 HA.)					1		1									842	1.835	2.52	2,526	3.813	1,75	4,295	5.757	1.41	6,063	7.364	1,41	7,066	6.876	1,13	7,074	4
SIFFU EAST EXTENSION (6,600HA)					1											786	1.712	2.52	2,357	3,557	1.75	4,007	5.371	1.41	5,657	6.870	1.41	6,592	6415	1,13	6,600	0
RMC (4,902 HA.)							1									700	1.568	2,59	2,100	3.247	1.79	3,57 i.	4.830	1,42	4,790	4.587	1,11	4,902	3.735	. 0.88	4,90	2
MACANAO WEST MAIN CANAL LADECO (1,138 HA.)																203	0.653	3.72	610	1,566	2.97	i , 020	2.550	2.63	1,138	2.209	2.25	1,138	2.201	2.24	1,138	3
SEFURIS DIVERSION DAM							532	1,036	2,25	L.692	2.278	1.56	3,560	4,242	1.38	5,590	6.004	1.24	8,290	8,748	1.22	10.582	11.227	112		9 75 4	0.97	11,119				_
SIFFU NORTH MAIN CANAL				<u> </u>	<u> </u>		528	1.032	2.26		2.056											;		- <u>·</u>	ļ	<u> </u>			1	ļ	11,119	
(2,959 HA.) SIFFU SOUTH MAIN CANAL (8,160 HA.)	<u> </u>			<u> </u>				0.004	1.16			ŀ		2,653									2,478								\vdash	
(0,100 RK.)				<u> </u>		L		0.004		107	0.222	2,40	939	1.589	1. 9 6	2,631	3.959	1,74	5,331	6.730	1,45	7,623	8.749	1.21	8,150	6.606	0.94	6,160	6.807	0.97	8,160) —
	<u> </u>	L		<u> </u>	L																									}		

WET SEASON PADDY

IRRIGATION SYSTEM	-	MIDDLE			LATE		1	FIRST		· · · ·	MAY		·			ŧ			,	JUNE						1.11			JULY		
· · · · · · · · · · · · · · · · · · ·	A	WR		Δ	WR			WR.	WD		WR	WD	<u></u>	LATE	<u></u>	·	FIRST			AIDDLE			LATE		1	FIRST		•	MIDDLE	-	1
BALIGATAN DIVERSION DAM										1	1.533	1	A 3,170	WR 10.726	WD 3.56	A 6,340		WD 2.02		WR 13.869	W D	A 12.136	WR 16.386	WD	A-	WR	+•	A	WR 12536	WD	A
SOUTH HIGH CANAL (9,580 HA.)	1								 	285	1.158	4.70	2,395	8.104	ļ		<u> </u>						12.380			9.046		9.580	<u> </u>	<u> </u>	
OSCARIZ MAIN CANAL (3,100 HA.)		<u> </u>							•	92	0.375	4.72		2.622	÷		· · · · · · · · · · · · · · · · · · ·						4.005		hai an			3,00	201		ļ.,
		<u> </u>															j				. 1	<u>.</u>						n n n p	5.9 5.9		
WARIS DIVERSION DAM	1,535	7.951	6.00	12,337	45.9(7	4.31	26,369	61,772	2:71	41,664	80,757	2.24	52,551	95.487	1.91	58,510	54,977	1.09	64,230	64.164	1.16	68.069	68.817	1.17	71324	93 287	1.51	73.572	95878	1.51	73,6
(7,547 HA.)	337	2.293	7.88	2,695	15.432	6.63	5,391	17.444	3.74	7,426	20,974	3.27	7,547	20.254						12.429			12.804			18.890	· · · ·		<u>r</u> [: 1	2.93	- <u> </u>
LATERAL B (1,713 HA.)	76	0.560	8,53	612	3.552	5.72	1,224	4,224	3.99	1,685	4.646	3.19	1,713	4.127	2.53	1,713				2.740			2,782	1.88		4.136			1.1.5	2:83	+
OUTH LOW CANAL (7,920 HA.)	236	1,122	5.50	1,226	3.713	3.5 I).	3,771	7.519	2.31	5,657	4.425	1:93	7,500	12319	1.73				<u> </u>	4.956			5,494	0.80		8.555	<u> </u>	7,920	1. J. 1. A	<u> </u>	7,9
LATERALC (7,149 HA.)	255	1,408	7.24	2,247	9.302	4.79	4,085	9.118	2.58	6,128	10,494	1.98	7,149	9.335						4.452			4.852			8,319	· · · ·	7,149	8.520		7,14
LATERAL D (17,681 HA.)	631	2,568	4.71	5,557	13.918	2.90	10,103	17.002	1,95	15,155	21,271	1.62	17,681	23.346	1.39	<u>├───</u>	8.974			10.000	[17.681	11094		·	17.742		17.681		<u> </u>	17.6
LAUAYAN EAST EXTENSION							652	2.420	4.30	1,955	4.833	2.86	3,323	7.072	224					5.231			4.610							<u> </u> .	+
LATERAL E (2,662 HA)							475	1.633	3.98	1,426	3.238	2.63		·		2,662				1,796						5.502		<u> </u>		<u>}. </u>	+
LATERAL F, G, H, I, J, (3,744 HA.)							668	2.412	4.18	2,006	4,781	2.76	3,355			<u> </u>							2.050			2.675		<u> </u>		 	2,6
NORTH DIVERSION CANAL (7,074 HA.)	1										<u> </u>		0,000		2.11				····	2.645			3.027			3.937		3,744	3.956	1.22	3,7
SIFFU EAST EXTENSION (6,600 HA.)	1																		_	5.940			7.890		5,895	8,488	L67	7,074	8.818	1.44	7,0
MACANAO EAST MAIN CANAL RMC (4,902 HA.)	1									175	0,774	5.11	1.471	5.415	2.07					5,542			7362		5,500	7,919		6,569			- <u> -</u>
LADECO (1,138 HA.)	1				· · · · · ·						0.321	7.28		2.345			5.365						4,895			4.578		4,902		,	
														2.343	5.78	834	2.402	3.33	1,130	2,417	2.49	1,138	1.957	1.99	1,136	2.547	2.59	1,138	2.656	2.70	1,12
SIFFURIS DIVERSION DAM	†						528	1.991	436	1.585	3.949	200	2.000												L						
SIFFU NORTH MAIN CARAL	1						528	1.991		4585			2,652												11,012	12.225	1.29	14119	11.436	1 1.19	11,1
SIFFU SOUTH MAIN CANAL (8,160 HA.)	1						<u> </u>			,		4.00	2,652	5.552	2.20	2,959	2,113	0.83	2,959	2,188	0.86	2,959	2,500	0.98	2,959	3.262	1.29	2,959	3,276	1.28	2,9
· · · · · · · · · · · · · · · · · · ·		+				·				ļ						1,351	4.623	3.96	4,051	9.284	2.65	6,716	12.113	2.09	8,053	8.963	1.29	8,160	8.160	1.16	8,

NOTE:

I. AMIRRIGATION AREA (HA), WRIWATER REQUIREMENT AT LATERAL BASE (MCM), WDIWATER DUTY (LISEC/HA)

2. EFFECTIVE RAINFALL IS COUNTED IN WATER REQUIREMENT, BUT OPERATION LOSSES (15 PERCENT) ARE NOT INCLUDED.

3. FIGURES WITH ASTERISK INDICATES MAXIMUM WATER DUTY AT LATERAL BASIS IN CROPPING SEASON.

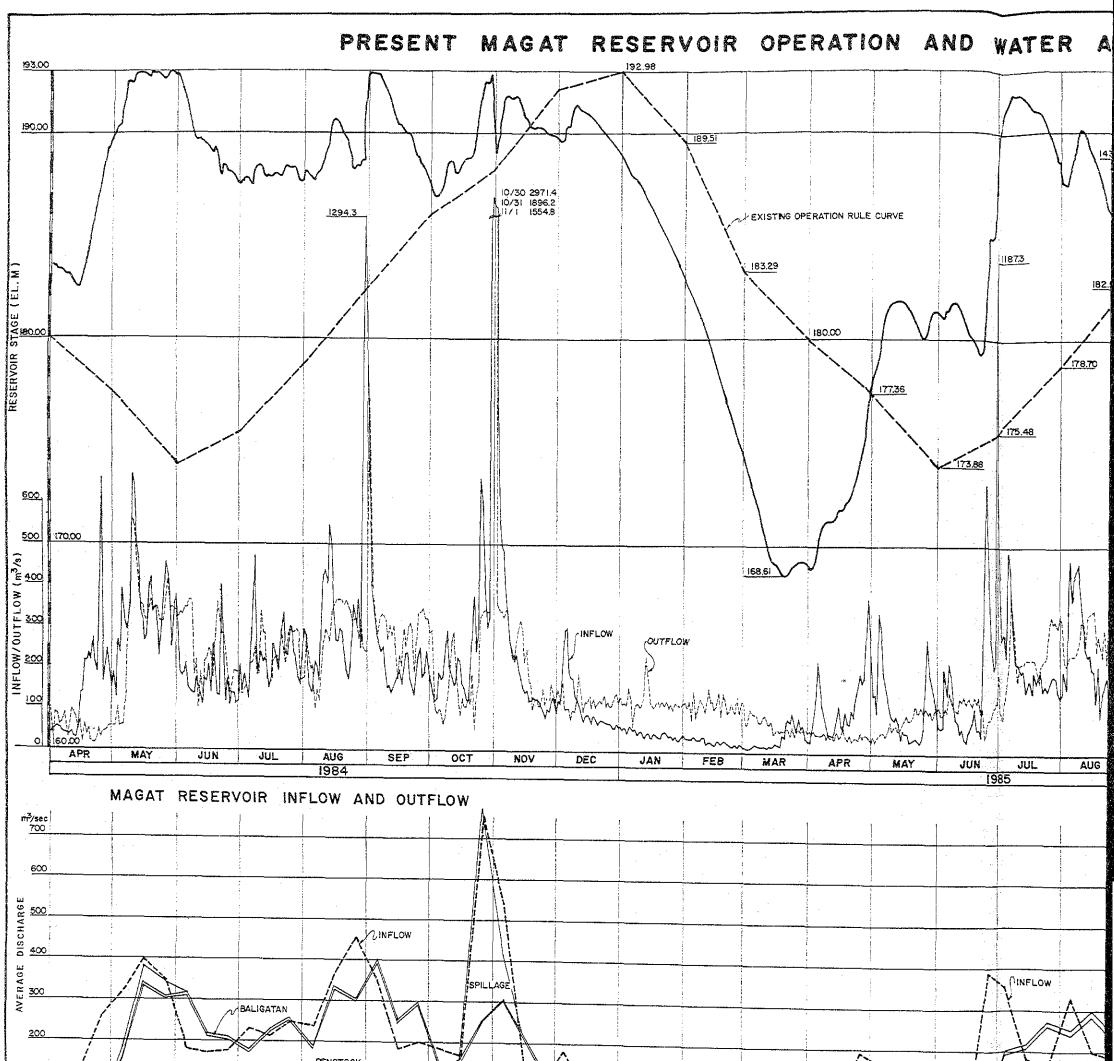
DRW NO.14

RAL CANALS ON PROPOSED IRRIGATION SCHEDULE

				÷ .																																	
FIRST			ANUAR			LATE			FIRST			RUAR		1	LATE		[ARCH								<u> </u>	PRIL					T	MAY	
	WD	A	WR	WD			ΨD	Δ	WR	WD		WR		A	WR	WD	A	FIRST	WD		WR	WD	Δ	LATE	WD	A	FIRST WR	WD		UDDLE WR		Α	LATE	WD	A	FIRS'	
10,129	0.92	12,680	10,460	0.95	12,680	12,259	1.02	12,680	13,567	ι.24	12,680	13.749	1.26	12,680	11.131	1.27	12,680	15.940	1.45	12,136	15.400	1.47	9,208	12,864	1,47	6,038	8,921	1.71	3,021	4.461				1		1	
7.652	0,92	9,580	7.903	0,95	9,580	9.262	1.02	9,580	10.250	1.24	9,580	10,388	1.26	9,580	8,410	1.27	9,580	12.043	¥- 1.45	9,169	11.635	1.47	6,957	9.719	1.47	4,562	6.740	1,71	2,281	3,370	1.71	285	0.42	1 1.71	1		
2,476	0.92	3,100	2.557	0.95	3,100	2 .9 97	1.02	3,100	3.317	1.24	3,100	3,361	1.26	3,100	2.721	1.27	3,100	3.897	* 1.45	2,967	3,765	1.47	2,251	3,145	1.47	1.476	2.181	1.71	738	1.091	1.71	92	0.136	5 1,71	1		
																																			1		
79. 79 3	1.29	73,587	78,539	1.24	73,603	85,795	1.23	73,603	92.688	i.46	68,625	87.052	1.47	57,617	57.929	1.45	46,383	63.501	1.58	32,547	44,241	1.57	24,866	32,184	1.36	18,777	29.145	1.60	12.411	18.928	1.77	6,23	9 9.115	5 1.69	1,691	2.52	1.73
6.233	2.49	7,547	16,312	2,50	7,547	18.032			17,938			15,626		4,043				5,814			0.969					, 	_					<u> </u>				1	
3.545	2.40	1,713	3.561	241	1,713	3.934	2.42	1,713	3.922	2.65	1,465	3.355	2.65	916	1.681	2,65	367	0.910	2.87		0.008	3.09				ļ			<u> </u>						+		
7,218	1.05	7,920	7.288	1.06	7,920	8.086	1,07	7,920	8.886	1.30	7,156	8,120	1,31	5,469	4.952	1.31	3.771	4,986	1.53	1,886	2.493	155	236	0.343	1.53								+	+			
6.941	1.12	7,149	7.017	1.14	7,149	7.805	1.15	7,149	8,583	1.39	6,321	7.510		4,494		1.32	2,655	3.192		-	0,507	1.07		0.040	1.00		<u> </u>					-	+		-		
			1		17,681						·· · · · · · · · · · · · · · · · · · ·			11,114		1,26	6,567	9.086					526	0.326	0.65								_			+	
4.372	0.92	5,473	4.515	0.95	5,473	5,291	1.02	5,473	5.856	1.24	5,473	5.934	1.25	5,473	4.804	1.27	5,473	6.880		5,238				5.553		2.506	3.850	171	1.303	1,925	171	163	0.241	1.71	<u> </u>		
2.254	0,98	2,662	2.261	0.98	2,662	2.518	1.00	2,662	2.772	1.21	2,662	2.815	1.22	2,656	2.249	1:23	2,092	2.574			1.404			0.287								1.00			╂───	+	
3.336	1.03	3,744	3,344	1.03	3,744	3.717	1.04	3.744	4.084	1.26	3.744	4141		3,736	· · · · ·																	+			1		
7.364		· · · · · · · · · · · · · · · · · · ·	<u> </u>	1.1.2	7,074				7.553	· · · · ·	7,074		1.28	3,736		·	2,941	3.797					298											<u> </u>			
6.870					6,600					<u> </u>	6,600		1.29			1,32	-	9.072		7,074				10.195		<u> </u>	9.015			6.439		+	6 3.864			1.273	1.75
4.587			+	·		L	· · · · · ·		· · ·					ļ ·				8.464	·	6,500				9.512			8.411		<u> </u>	6.008		+	7 3,605	+	786	1,188	1.75
2.209		<u> </u>			1,138			ł				· · · ·		4,902				6.009								3,922	5.620	1.66	2,521	3,378	1.55	1,120	1.212	1.25	63	0.066	1.21
	£.,£J	1,108	4.201	6.24	1,158	2.522	2.53	1,138	2,526	2.57	1,138	2.530	2.57	1,138	2.039	2.59	1,138	2,717	2.76	1,038	2 740	2.79	1,131	2.998	2,79	854	2.249	3.05	447	1,178	3.05	73	0.193	3.06	ļ.	<u> </u>	
9.354	0.97	11,119	9 507		11,119																								<u> </u>	· ·	. 	<u> </u>			_		<u> </u>
				<u> </u>	+			· · · · · · · · · · · · · · · · · · ·						11,119	·							1.53	7,380	10.830	1.54	4,989	7.877	1.83	2,305	3.700	1.86	333	0.544	1.89	<u> </u>		
2.748		2,959	<u> </u>						 		2,959	3.419	1.34	2,952	2,731	1.34	2,325	3.140	1.56	1,268	1,715	1,56	235	0.350	1,57		l		<u> </u>		ļ	ļ					
6.606	0.94	8,160	6.807	0.97	8,160	8,164	1.05	9,160	9.090	1.29	8,160	9152	1.30	8,160	7.432	1.32	8,160	10.586	¥1.50	8,006	10.538	1,52.	7,145	10,480	1.54	4,989	7.877	1.63	2,305	3,700	1.86	333	0.544	1.89			
			<u> </u>	<u> </u>																												<u> </u>		ļ]	
										•																											
			JULY		 							UGUST	T.								PTEME					<u> </u>		·	0	CTOBE	R				N	IOVEME	ER
IRST	WD		HIDDL	Ε	A	LATE	¥ D	A	FIRST	WD					LATE	WD	A	FIRST	WD	h	IDDLE		A	LATE	. wp		FIRST		[,	OCTOBE MIDDLE	E		LATE				
		А А	WR	E WD		WR		A	WR		A	WR	WD		WR		A			A 1	WR			WR			WR	WD	A	MIDDLE	GW	A 136	WR			FIRST	
WR 1.973	1,09	A 12,680	NIDDL WR I2.536	E WD 1.14	A	WR 14.784	1.23	A 12,680	WR	0.57	A 12,680	WR 6.448	W D 0.59	A	WR 7.334	0.61	A 12,680	WR	0.68	A 11,487	G.847	₩D 0,69	8,454	WR	0.69	A 5,435	₩R 6,621	WD 1.41	A 2,415	WR	WD	1	WR 0,181	WD 1.40		FIRST	
WR 1.973 9.046	1,09 1,09	A 12,680 9,580	41 DDL WR 12.536 9.471	E WD 5 1,14 1,14	A 12,680	WR 14.784 (Lí70	1,23 1.23	A 12,680 9,580	WR 6.239	0.57 0.57	A 12,680 9,580	4.872	WD 0.59 0.59	A 12,680	WR 7.334 5.541	0.61 0.61	A 12,680	WR 7,434 5.617	0.68 0.68	A 11,487 8,679	6.847 5.173	WD 0,69 0,69	8,454 6,387	WR 5.039	0.69 0.69	A 15,435 (4,106	₩R 6,621	WD 1.41	A 2,415 1,825	MIDDLE WR 2.942	WD	136	WR 0,181	WD 1.40 1.40		FIRST	
WR 1.973 9.046	1,09 1,09	A 12,680 9,580	41 DDL WR 12.536 9.471	E WD 5 1,14 1,14	A 12,680 9,580	WR 14.784 (Lí70	1,23 1.23	A 12,680 9,580	WR 6.239 4.714	0.57 0.57	A 12,680 9,580	4.872	WD 0.59 0.59	A 12,680 9,580	WR 7.334 5.541	0.61 0.61	A 12,680 9,580	WR 7,434 5.617	0.68 0.68	A 11,487 8,679	6.847 5.173	WD 0,69 0,69	8,454 6,387	WR 5.039 3.807	0.69 0.69	A 15,435 (4,106	WR 6.621 5.002	1.41	A 2,415 1,825	MIDDLE WR 2.942 2.223	WD	136	WR 0.181 0.137	WD 1.40 1.40		FIRST	
WR 1.973 9.046 .927	1,09 1,09 1.09	A 12,680 9,580 3,100	9.471 3.065	E WD	A 12,680 9,580 3,100	WR 14.784 (Li70 3.614	1,23 1.23 1,23	A 12,680 9,580 3,100	WR 6.239 4.714 1.525	0.57 0.57 0.57	A 12,680 9,580 3,100	4.872	w0 0.59 0.59 0.59	A 12,680 9,580 3,100	WR 7.334 5.541 1.793	0.61 0.61 0.61	A 12,680 9,580 3,100	WR 7.434 5.617 1.817	0.68 0.68 0.68	A 11,487 8,679 2,808	41DDLE WR 6.847 5.173 1.674	WD 0,69 0,69 0.69	8,454 6,387 2,067	WR 5.039 3.807 1.232	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825	MIDDLE WR 2.942 2.223 0.719	WD	136	WR 0.181 0.137	WD 1.40 1.40 1.40	A	FIRST	wD
WR ·	1.09 1.09 1.09	4 12,680 9,580 3,100 73,572	95876	E WD	A 12,680 9,580 3,100	WR 14.784 (Li70 3.614 105.363	1,23 1,23 1,23	A 12,680 9,580 3,100 73,603	WR 6.239 4.7 4 1.525 55.713	0.57 0.57 0.57 0.88	A 12,680 9,580 3,100 69,670	41DDLE WR 6.448 4.872 1.576 53519	w D 0.59 0.59 0.59	A 12,680 9,580 3,100 56,392	WR 7.334 5.541 1.793	0.61 0.61 0.61 0.86	A 12,680 9,580 3,100 40,959	WR 7.434 5.617 1.817 39.702	0.68 0.68 0.68	A 11,487 8,679 2,808 27,211	41DDLE WR 6.847 5.173 1.674	WD 0,69 0,69 0,69 0.69	8,454 6,387 2,067	WR 5.039 3.807 1.232	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	
WR 1.973 9.046 1.927 3.287	1.09 1.09 1.09 1.51 2.90	A 12,680 9,580 3,100 73,572 7,547	95.876 19,113	E WD 1,14 1,14 1,14 1,14	A 12,680 9,580 3,100 73,503 7,547	WR 14.784 (Li70 3.614 105.363	1,23 1.23 1.23 1.51 *2.97	A 12,680 3,100 73,603 7,547	WR 6.239 4.714 1.525 55.713 14.835	0.57 0.57 0.57 0.88	A 12,680 9,580 3,100 69,670 6,684	41DDLE WR 6.448 4.872 1.576 53519	wC 0.59 0.59 0.59 0.89 2.31	A 12,680 9,580 3,100 56,392 3,774	WR 7.334 5.541 1.793 46,036	0.61 0.61 0.61 0.86 2.55	A 12,680 9,580 3,100 40,959 1,092	WR 7,434 5,617 1,817 39,702 4,785	0.68 0.68 0.68	A 11,487 8,679 2,808 27,211	4IDDLE WR 6.847 5.173 1.674 21.510	WD 0,69 0,69 0,69 0.69	8,454 6,387 2,067	WR 5.039 3.807 1.232	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
WR 1.973 9.046 1.927 3.287 8.890 1.136	1.09 1.09 1.09 1.51 2.90 2.79	A 12,680 9,580 3,100 73,572 7,547 1,713	95876 919,113 4,188	E WD 1.14 1.14 1.14 1.14 1.51 2.93 2.83	A 12,680 9,580 3,100 73,503 7,547	WR 14.784 (1.170 3.614 105.363 21.282 4.667	1.23 1.23 1.23 1.51 *2.97 *2.87	A 12,680 9,580 3,100 73,603 7,547	WR 6.239 4.7 4 1.525 55.713 14.835 3.271	0.57 0.57 0.57 0.88 2.28 2.21	A 12,680 9,580 3,100 69,670 6,684 1,517	41DDLE WR 6.448 4.872 1.576 53519 13.329	w0 0.59 0.59 0.59 0.89 2.31 2.21	A 12,680 9,580 3,100 56,392 3,774 857	WR 7.334 5.541 1.793 46.036 9.154	0.61 0.61 0.81 0.86 2.55 2.21	A 12,680 9,580 3,100 40,959 1,092	WR 7,434 5,617 1,817 39,702 4,785	0.68 0.68 0.68 1.12 5.07 3.07	A 11,487 8,679 2,808 27,211	41DDLE WR 6.847 5.173 1.674 21.510 0.554	 0,69 0,69 0.69 0.91 1,65	8,454 6,387 2,067 19,188	WR 5.039 3.807 1.232	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
WR 1.973 9.046 1.927 3.287 8.890 1.136	1.09 1.09 1.09 1.51 2.90 2.79 1.25	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920	95.876 9.413 9.471 3.065 95.876 19.113 4.188 8.736	E WD 1.14 1.14 1.14 1.14 1.14 1.51 2.93 2.83 1.28	A 12,680 9,580 3,100 73,503 7,547 (i,713	WR 14.784 (1.170 3.614 105.363 21.282 4.667. 9.817	1,23 1.23 1.23 1.51 *2.97 *2.87 * 1.30	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030	0.57 0.57 0.57 0.88 2.28 2.21	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317	AIDDLE WR 6,448 4,872 1,576 53,519 13,329 2,897 4,738	w0 0.59 0.59 0.59 0.89 2.31 2.21 0.75	A 12,680 9,580 3,100 56,392 3,774 857 5,374	WR 7.334 5.541 1.793 46.036 9.154 1.799	0.61 0.61 0.61 0.86 2.55 2.21 0.75	A 12,680 9,580 3,100 40,959 1,092 248	WR 7,434 5.617 1.817 39,702 4.785 0.657	0.68 0.68 0.68 1.12 5.07 3.07	A 11,487 8,679 2,808 27,211 388 1,509	41DDLE WR 6.847 5.173 1.674 21.510 0.554	wD 0.69 0.69 0.69 0.91 1.65	8,454 6,387 2,067 19,188	WR 5.039 3.807 1.232 12.606	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
WR 1.973 9.046 1.927 3.287 8.890 1.136 8.555	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920	95.876 9.4113 9.471 3.065 95.876 19.113 4.188 8.736 8.520	E WD 1,14 1,14 1,14 1,14 1,14 1,14 1,14 1,1	A 12,650 9,580 3,100 73,503 7,547 1,713 7,920	WR 14.784 (1)70 3.614 105.363 21.282 4.667 9.817 9.605	1.23 1.23 1.23 1.51 *2.97 *1.30 *1.41	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147	0.57 0.57 0.57 0.88 2.28 2.21 0.74	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495	AIDDLE WR 6,448 4,872 1,576 53,519 13,329 2,897 4,738 4,646	 w0 0.59 0.59 0.59 0.89 2.31 2.21 0.75 0.83 	A 12,680 9,580 3,100 56,392 3,774 857 5,374	WR 7.334 5.541 1.793 46.036 9.154 1.799 3.831 3.263	0.61 0.61 0.81 0.86 2.55 2.21 0.75 0.75	A 12,680 9,580 3,100 40,959 1,092 248 3,394	WR 7,434 5,617 1,817 39,702 4,785 0,657 3988 2,498	0.68 0.68 0.68 1.12 5.07 3.07 1.36	A (1,487 8,679 2,808 27,211 388 1,509 368	4100LE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02	8,454 6,387 2,067 19,188 85	WR 5.039 3.807 1.232 12.606	0.69 0.69 0.69	A 15,435 (4,106 1,329	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
WR 1.973 9.046 1.927 3.287 3.287 8.890 1.136 8.555 1.318 7.742	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681	41 DDL WR 12.536 9.471 3.065 95.876 19.11 3 4.188 8.736 8.520 18.120	E WD 1.14 1.14 1.14 1.14 1.14 1.14 1.14 1.1	A 12,680 9,580 3,100 73,503 7,547 1,713 7,547 7,149 17,681	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368	1.23 1.23 1.23 1.51 *2.97 *1.30 *1.41 *1.21	A 12,680 3,100 73,603 7,547 1,713 7,920 7,149 17,681	wR 6.239 4.7 4 1.525 55.713 14.835 3.271 5.030 5.147 10.599	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 15,064	AIDDLE WR 6.448 4.872 1.576 53.519 13.329 2.897 4.738 4.646 9.909	w0 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681	WR 7.334 5.541 1.793 46.036 9.154 1.799 3.831 3.253 7.587	0.61 0.61 0.61 0.86 2.55 2.21 0.75 0.78 0.75	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557	WR 7.434 5.617 1.817 39.702 4.785 0.657 3986 2.498 7.299	0.68 0.68 0.68 (.12 5.07 3.07 1.36 1.29 L52	A (1,487 8,679 2,808 27,211 388 1,509 368 909	ALDOLE WR 6.547 5.173 1.674 21.510 0.554 1.773 0.324 2.257	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87	8,454 6,387 2,067 19,188 85	WR 5.039 3.807 1.232 12.606 0.100	0.69 0.69 0.69 0.76 1.36	A 5,435 4,106 1,329 13,191	₩R 6.621 5.002 1.619 12.356	wD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
 wR 1.973 b.046 b.227 3.287 3.890 h.136 8.555 h.318 7.742 b.502 	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473	41 DDL 1997 12,536 9,471 3,065 95,876 19,113 4,188 8,736 18,736 18,736 18,120 5,853	E WD 1,14 1,14 3,14 3,51 2,93 2,83 1,28 1,28 1,38 1,19 1,24	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473	WR 14.784 (1170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620	1.23 1.23 1.23 1.51 *2.97 *1.30 *1.41 *1.21 *1.27	A 12,680 3,100 73,603 7,547 1,713 7,920 7,149 17,681 15,473	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473	AIDDLE WR 6.448 4.872 1.576 53519 13.329 2.897 4.738 4.646 9309 2.918	w0 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71 0.62	A 12,690 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 5,378	WR 7.334 5.541 1.793 46.036 9.154 1.799 3.831 3.253 7.587 3.249	0.61 0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300	WR 7,434 5.617 1.817 39,702 4.785 0.657 3988 2.498 7,299 3.753	0.68 0.68 0.68 1.12 5.07 5.07 1.36 1.29 1.52 1.01	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 (.01	8,454 6,387 2,067 19,188 85 189 1,694	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478	0.69 0.69 0.69 0.76 1.36 0.58 1.01	A 5,435 4,106 1,329 13,191	W R 6,621 5,002 1,619	WD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
 wR 1.973 b.046 1.927 3.287 3.890 4.136 8.555 4.318 7.742 5.502 5.675 	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16 1.16 1.16	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662	41 DDL WR 12.536 9.471 3.065 95.876 95.876 19.11 3 4.188 8.736 8.520 18.120 5.853 2.686	E WD 1.14 1.28 1.38 1.128 1.24 1.124 1.124	A 12,680 9,580 3,100 73,503 7,547 1,713 7,547 7,149 17,681 5,473 2,662	WR 14.784 (1,170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028	1.23 1.23 1.23 1.23 1.51 *2.97 *2.87 *1.41 *1.41 *1.21 *1.27 *1.20	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60 0.56	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662	AIDDLE WR 6.448 4.872 1.576 53519 1.576 4.738 4.646 9309 2.918 1.345	w0 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71 0.62 0.58	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 5,378 2,586	WR 7.334 5.541 1.793 46,036 9.154 1.799 3.831 3.253 7.587 3.249 1.441	0.61 0.61 0.86 2.55 2.21 0.75 0.78 0.75 0.63	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,986 2,498 7,299 3,753 1,772	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856	AIDDLE WR 6.847 5.173 1.674 21.510 0,554 1.773 0.324 2.257 2.615 0.839	WD 0.69 0.69 0.69 0.91 1.55 1.36 1.02 2.97 (.01 1.13	8,454 6,387 2,067 19,188 85 189 1,694 76	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075	0.69 0.69 0.69 0.76 1.36 0.58 1.01	A 5,435 4,106 1,329 13,191	₩R 6.621 5.002 1.619 12.356	wD 1.41 1.41 1.41	A 2,415 1,825 590	MIDDLE WR 2.942 2.223 0.719	wD	136	WR 0.181 0.137 0.044	WD 1.40 1.40 1.40	A	FIRST	wD
 wR 1.973 b.046 b.227 3.287 3.890 k.136 8.555 h.318 7.742 b.502 b.502 b.502 b.502 b.937 	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16 1.16 1.16 1.22	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744	41 DDL WR 12.536 9.471 3.065 95.876 19.113 4.188 8.736 8.520 5.853 2.686 3.956	E WD 1.14 1.28 1.28 1.28 1.24 1.24 1.24 1.24 1.24 1.24 1.24	A 12,680 9,560 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462	1.23 1.23	A 12,680 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10599 2.828 1.296 1.912	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60 0.56 0.59	A 12,680 3,580 3,100 69,570 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744	AIDDLE WR 6.448 4.872 1.576 53519 1.329 2.897 4.738 4.646 9.309 2.918 1.345 1.985	w0 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.51	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 5,376 2,586 3,637	WR 7.334 5.541 1.793 46.036 9.154 1.799 3.831 3.263 7.587 3.249 1.441 2.124	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.63 0.59 0.61	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541	WR 7,434 5.617 1.817 39,702 4.785 0.657 3988 2.498 7.299 3.753 1.772 2.619	0.68 0.68 0.68 1.12 5.07 5.07 1.36 1.29 L52 1.01 1.14 L19	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 (.01 1.13 1.19	8,454 6,387 2,067 19,188 85 189 1,694 76 107	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075 0.110	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19	A 5,435 4,106 1,329 13,191 417	₩R 6.621 5.002 1.619 12.356 0.591	WD 1.41 1.41 1.41 1.41 1.08 1.08	3,065	MIDDLE WR 2.942 2.223 0.719 7.031	wp 1,41 1,41 1,41	4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40	A 1,041	FIRS1 WR 1.395	1.55
 wR 1.973 b.046 b.927 3.287 8.890 4.136 8.555 8.318 7.742 5.502 2.675 5.937 8.498 	1.09 1.09 1.09 1.51 2.90 1.25 1.25 1.35 1.16 1.16 1.16 1.22 1.67	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074	41 DDL WR 12.536 9.471 3.065 19.11 3 4.188 8.736 8.520 18.120 5.853 2.686 8.525 2.686 8.525	E WD 1.14 1.14 1.14 1.14 1.14 1.14 1.14 1.51 2.93 2.83 1.28 1.28 1.28 1.28 1.28 1.28 1.28 1.28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,547 1,713 7,547 7,149 17,681 5,473 2,662 3,744 7,074	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678	1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.97 *1.30 *1.41 *1.21 *1.20 *1.25 1.29	A 12,680 3,100 73,603 7,547 1,713 7,920 7,149 17,681 15,473 2,662 3,744 7,074	wR 6.239 4.7 4 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.69 0.56 0.59 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074	AIDDLE WR 6.448 4.872 1.575 53519 13.329 2.897 4.738 4.646 9309 2.918 1.345 1.985 3.829	w0 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.61 0.63	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 5,378 2,586 3,637 7,074	WR 7.334 5,541 1.793 46,036 9.154 1.799 3.831 3.263 7.587 3.249 1.441 2.124 4.424	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.63 0.59 0.61	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 (.01 1.13 1.19 0.63	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075 0.110 3.959	0.69 0.69 0.69 0.76 1.36 1.36 1.01 1.14 1.19 0.65	A 5,435 4,106 1,329 13,191 417 5,727	₩R 6.621 5.002 1.619 12.356 0.591 4.997	WD 1.41 1.41 1.41 1.41 1.08 1.08 1.08 1.08	4,042	MIDDLE WR 2.942 2.223 0.719 7.031 7.031	wp 1,41 1,41 1,41 1,41 1,01	136 103 33 4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.40 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1,973 3,046 3,046 1,973 3,046 1,973 3,046 1,973 3,287 3,287 3,287 3,287 3,287 3,287 3,287 3,287 3,318 7,742 3,502 2,675 3,937 9,488 7,919	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16 1.16 1.16 1.22 1.67 1.67	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569	41 DDL WR 12.536 9.471 3.065 95.876 19.113 4.188 8.736 8.520 5.853 2.686 3.956 6.818 9.227	E WD 1,14 1,14 1,14 1,14 1,14 1,14 2,93 2,83 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097	1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.97 *1.30 *1.41 *1.21 *1.27 *1.20 *1.25 1.29 1.29 1.29	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 15,473 2,662 3,744 7,074 6,500	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.69 0.55 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600	AIDDLE WR 6.448 4.872 1.576 53519 1.3579 2.897 4.738 4.646 9309 2.918 1.345 1.985 3.829 3.573	w0 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.61 0.63 0.63	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 5,378 2,586 3,637 7,074 6,600	WR 7.334 5.541 1.793 46,036 9,154 1.799 3,831 3,253 7,587 3,249 1,441 2,124 4,424 4,128	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.63 0.59 0.61 0.66	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600	WR 7,434 5.617 1.817 39,702 4,785 0.657 3988 2,498 7,299 3,753 1,772 2,619 3,746	0.68 0.68 0.68 1.12 5.07 5.07 1.36 1.29 1.52 1.01 1.14 1.14 1.19 0.61 0.61	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.01 1.13 1.19 0.63 0.63	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075 0.110 3.959 3.693	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65	A 5,435 4,106 1,329 13,191 417 5,727 5,727	₩R 6.621 5.002 1.619 12.356 0.591 0.591 4.997 4.662	WD 1.41 1.41 1.41 1.41 1.41 1.08 1.08 1.08 1.08 1.08	3,771	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291	wp 1,41 1,41 1,41 1,41 1,01	136 103 33 4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.40 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1.973 3.046 1.927 3.287 3.287 3.890 1.136 3.555 3.318 7.742 5.502 5.675 5.937 9.4588 7.919 7.578	1.09 1.09 1.09 1.51 2.90 1.25 1.25 1.35 1.16 1.16 1.16 1.22 1.67 1.67 1.08	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902	41 DDL WR 12.536 9.471 3.065 9.5876 19.11 3 4.188 8.736 8.520 18.120 5.853 2.686 8.525 18.120 5.853 2.686 8.515 9.227 5.005	E WD 1.14 1.14 1.14 1.14 1.14 1.14 1.51 2.93 2.83 1.28 1.28 1.28 1.28 1.28 1.28 1.28 1.28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097 5.786	1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.97 *1.20 *1.21 *1.20 *1.29 1.29 1.29 1.24	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,500	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127 2.425	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.69 0.55 0.55 0.55 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600	AIDDLE WR 6.448 4.872 1.576 53.519 1.576 1.329 2.897 4.738 4.646 9.309 2.918 1.345 1.985 3.829 3.573 2.530	w0 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.61 0.63 0.63	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 2,586 3,637 7,074 6,600 4,902	WR 7.334 5.541 1.793 46,036 9.154 1.799 3.831 3.253 7.587 3.249 1.441 2.124 4.424 4.128 2.903	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.63 0.59 0.61 0.66 0.66 0.62	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.01 1.13 1.19 0.63 0.63	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075 0.110 3.959	0.69 0.69 0.69 0.76 1.36 1.36 1.01 1.14 1.19 0.65	A 5,435 4,106 1,329 13,191 417 5,727	₩R 6.621 5.002 1.619 12.356 0.591 4.997	WD 1.41 1.41 1.41 1.41 1.08 1.08 1.08 1.08	3,771	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291	wp 1,41 1,41 1,41 1,41 1,01	136 103 33 4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.40 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1.973 3.046 1.927 3.287 3.287 3.890 1.136 3.555 3.318 7.742 5.502 5.675 5.937 9.4588 7.919 7.578	1.09 1.09 1.09 1.51 2.90 1.25 1.25 1.35 1.16 1.16 1.16 1.22 1.67 1.67 1.08	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569	41 DDL WR 12.536 9.471 3.065 9.5876 19.11 3 4.188 8.736 8.520 18.120 5.853 2.686 8.525 18.120 5.853 2.686 8.515 9.227 5.005	E WD 1.14 1.293 1.283 1.28 1.28 1.28 1.28 1.284 1.124 1.124 1.124 1.122 1.44 1.45 1.18	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097	1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.97 *1.20 *1.21 *1.20 *1.29 1.29 1.29 1.24	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,500	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127 2.425	0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.69 0.55 0.55 0.55 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600	AIDDLE WR 6.448 4.872 1.576 53519 1.3579 2.897 4.738 4.646 9309 2.918 1.345 1.985 3.829 3.573	w0 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.61 0.63 0.63	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 5,378 2,586 3,637 7,074 6,600	WR 7.334 5.541 1.793 46,036 9.154 1.799 3.831 3.253 7.587 3.249 1.441 2.124 4.424 4.128 2.903	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.63 0.59 0.61 0.66	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962	WR 7,434 5.617 1.817 39,702 4,785 0.657 3988 2,498 7,299 3,753 1,772 2,619 3,746	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.01 1.13 1.19 0.63 0.63	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.478 0.075 0.110 3.959 3.693	0.69 0.69 0.69 0.76 1.36 1.36 1.01 1.14 1.19 0.65 0.65 0.65	A 5,435 4,106 1,329 13,191 417 5,727 5,727 5,727 1,541	₩R 6.621 5.002 1.619 12.356 0.591 0.591 4.997 4.662	wD 1.41 1.41 1.41 1.08 1.09 1.08 1.08 1.09 1.08 1.09 1.0	3,771	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291	wp 1,41 1,41 1,41 1,41 1,01	136 103 33 4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.40 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1,973 3)046 3)046 1,927 3,287 8,890 1,136 8,555 3,318 7,742 3,552 2,675 3,937 8,458 7,919 2,578 2,547	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.16 1.16 1.16 1.22 1.67 1.08 2.59	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902 1,138	41 DDL WR 12.536 9.471 3.065 9.471 3.065 19.113 4.188 8.736 8.520 5.853 2.686 8.818 9.227 5.005 2.656	E WD 1.14 1.14 1.14 1.14 1.14 1.14 1.14 1.14 1.14 1.293 1.293 1.28 1.38 1.28 1.38 1.28 1.38 1.28 1.38 1.28 1.18 1.18	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138	WR 14.784 (1,170 3.614 105,363 21,282 4.667 9.817 9.605 20,368 6.620 3.028 4.462 8.678 8.097 5.786 2.953	1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.97 *1.297 *1.20 *1.27 *1.20 *1.29 1.29 1.29 1.24 *2.73	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127 2.425	0.57 0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60 0.56 0.55 0.55 0.55 1.92	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600 4,902 1,138	AIDDLE WR 6.448 4.872 1.575 53.519 (3.329 2.897 4.738 4.646 9.909 2.918 1.3455 1.985 3.829 3.573 2.530 1.920	w0 0.59 0.59 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.51 0.63 0.63 0.60	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 2,586 3,637 7,074 6,600 4,902 1,136	WR 7.334 5.541 1.793 46,036 9.154 1.799 3.831 3.253 7.587 3.249 1.441 2.124 4.424 4.424 4.424 4.128 2.903 2.143	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.63 0.59 0.61 0.66 0.62 1.98	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617 2.630	WD 0.69 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.01 1.19 0.63 0.70	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529 2,941	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.476 0.075 0.110 3.959 3.693 1.694	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65 0.67 2.65	A 5,435 4,106 1,329 13,191 417 5,727 5,727 5,727 1,541 164	₩R 6.621 5.002 1.619 12.356 12.356 0.591 4.997 4.662 1.658 0.448	wD 1.41 1.41 1.41 1.08 1.01 1.25 1.316	4,042 3,771 252	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291 0.213	wp 1,41 1,41 1,41 1,41 1,01 1,01 1,01 1,01	136 103 33 4,395	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.40 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1,973 3)046 3)046 1,927 3,287 8,890 1,136 8,555 3,318 7,742 3,552 2,675 3,937 8,458 7,919 2,578 2,547	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.35 1.16 1.16 1.16 1.22 1.67 1.67 1.67 1.08 2.59 1.29	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902 1,138 11,119	41 DDL WR 12.536 9.4711 3.065 9.4711 3.065 19.113 4.188 8.736 8.520 5.853 2.686 3.956 8.818 9.227 1.1.436	E WD 1.14 1.28 1.28 1.28 1.28 1.22 1.24 1.124 1.124 1.124 1.124 1.124 1.124 1.125 1.128 1.129 1.124 1.118 1.119	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097 5.786 2.953 13.569	1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.29 1.27 1.29 1.29 1.29 1.24 1.28	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127 2.425	0.57 0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60 0.56 0.55 0.55 0.55 1.92	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600 4,902 1,138	AIDDLE WR 6.448 4.872 1.575 53519 (3.329 2.897 4.738 4.646 9.909 2.918 1.345 1.985 3.829 3.573 2.530 1.920	w0 0.59 0.59 0.59 0.59 0.59 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.51 0.63 0.63 0.60	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,681 2,586 3,637 7,074 6,600 4,902	WR 7.334 5.541 1.793 46,036 9.154 1.799 3.831 3.253 7.587 3.249 1.441 2.124 4.424 4.424 4.424 4.128 2.903 2.143	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.63 0.59 0.61 0.66 0.62 1.98	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962 1,138	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70 2.12	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334 973	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617 2.630 1.783	WD 0.69 0.69 0.69 0.69 1.65 1.36 1.02 2.87 1.02 1.13 1.19 0.63 0.63 0.70 2.12	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529 2,941 569	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.476 0.075 0.110 3.959 3.693 1.694 1.402	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65 0.67 2.65	A 5,435 4,106 1,329 13,191 417 5,727 5,727 5,727 1,541 164	₩R 6.621 5.002 1.619 12.356 12.356 0.591 4.997 4.662 1.658 0.448	wD 1.41 1.41 1.41 1.08 1.01 1.25 1.316	4,042 3,771 2,52	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291	wp 1,41 1,41 1,41 1,41 1,01 1,01 1,01 1,01	136 103 33 4,395 2,274 2,274 2,121	WR 0.181 0.137 0.044 4.219	WD 1.40 1.40 1.40 1.40 1.01 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1.973 b.046 b.927 3.287 3.890 1.136 8.555 3.318 7.742 b.502 2.675 9.337 8.488 7.919 2.547 2.2255	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.35 1.16 1.16 1.16 1.22 1.67 1.08 2.59 1.29 1.29	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902 1,138 11,119 2,959	41 DDL WR 12.536 9.4711 3.065 9.4711 3.065 19.113 4.188 8.736 8.520 18.120 5.853 2.686 8.818 6.227 5.005 2.656 11.436 3.276	E WD 1,14 1,14 1,14 1,14 1,14 1,14 1,14 1,293 2,83 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119 2,959	WR 14.784 (1,170 3.614 105,363 21,282 4.667 9.817 9.605 20,368 6.620 3.028 4.462 8.678 8.097 5.786 2.953	1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.29 1.27 1.29 1.29 1.29 1.24 1.28	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 15,473 2,662 3,744 7,074 6,600 4,902 1,138	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10.599 2.828 1.296 1.912 3.351 3.127 2.425 LB92 5.677	0.57 0.57 0.57 0.57 0.88 2.28 2.21 0.74 0.83 0.69 0.60 0.56 0.55 0.55 0.55 1.92	A 12,680 3,580 3,100 69,570 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119	AIDDLE WR 6.448 4.872 1.576 53519 1.329 2.897 4.738 4.646 9.309 2.918 1.345 1.985 3.829 3.573 2.530 1.920 5.856	w0 0.59 0.59 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71 0.62 0.58 0.61 0.62 0.63 0.63 0.60 1.95	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 2,586 3,637 7,074 6,600 4,902 1,136	WR 7.334 5,541 1.793 46,036 9,154 1.799 3,831 3,263 7,587 3,249 1,441 2,124 4,424 4,128 2,903 2,143 6,578	0.61 0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.75 0.75 0.63 0.59 0.61 0.66 0.66 0.62 1.98	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962 1,138 10,168	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006 2,084	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70 2.12	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334 973	ALDOLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617 2.630 1.783 5.449	WD 0.69 0.69 0.69 0.69 1.65 1.36 1.02 2.87 1.02 1.13 1.19 0.63 0.63 0.70 2.12	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529 2,941 569 8,124	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.476 0.075 0.110 3.959 3.693 1.694 1.402	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65 0.67 2.65	A 5,435 4,106 1,329 13,191 417 5,727 5,727 5,727 1,541 164	₩R 6.621 5.002 1.619 12.356 12.356 0.591 4.997 4.662 1.658 0.448	wD 1.41 1.41 1.41 1.08 1.01 1.25 1.316	4,042 3,771 2,52	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291 0.213	wp 1,41 1,41 1,41 1,41 1,01 1,01 1,01 1,01	136 103 33 4,395 2,274 2,274 2,121	WR 0.181 0.137 0.044 4.219 2.183 2.183 2.036	WD 1.40 1.40 1.40 1.40 1.01 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1.973 b.046 b.927 3.287 3.890 1.136 8.555 3.318 7.742 b.502 2.675 5.937 9.486 7.919 2.547 2.225	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.35 1.16 1.16 1.16 1.22 1.67 1.08 2.59 1.29 1.29	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902 1,138 11,119	41 DDL WR 12.536 9.4711 3.065 9.4711 3.065 19.113 4.188 8.736 8.520 18.120 5.853 2.686 8.818 6.227 5.005 2.656 11.436 3.276	E WD 1,14 1,14 1,14 1,14 1,14 1,14 1,14 1,293 2,83 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119 2,959	WR 14.784 (1.170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097 5.786 2.953 13.569	1,23 1,23 1,23 1,23 1,23 1,23 1,23 *2,97 *1,29 *1,21 *1,20 *1,29 1,29 1,29 1,29 1,24 *2,73 1,28 *1,31	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10599 2.828 1.296 1.912 3.351 3.127 2.425 L892 5.677 1.580	0.57 0.57 0.57 0.57 0.57 0.57 2.28 2.21 0.74 0.83 0.69 0.69 0.55 0.55 0.55 0.55 0.55 1.92 0.55 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119 2,959	AIDDLE WR 6.448 4.872 1.576 53519 1.329 2.897 4.738 4.646 9.309 2.918 1.345 1.985 3.829 3.573 2.530 1.920 5.856	w0 0.59 0.59 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71 0.62 0.51 0.63 0.63 0.60 1.95 0.61 0.64	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 5,378 2,586 3,637 7,074 6,600 4,902 1,138 11,034 2,874	WR 7.334 5,541 1.793 46,036 9,154 1.799 3,831 3,263 7,587 3,249 1,441 2,124 4,424 4,128 2,903 2,143 6,578	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.63 0.59 0.61 0.66 0.66 0.62 1.98 0.63 0.64	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962 1,138 10,168 2,008	WR 7,434 5.617 1.817 39,702 4,785 0.657 3988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006 2,084 6,420	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70 2.12 0.73 1.24	A 11,487 8,679 2,808 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334 973 9,111	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617 2.630 1.783 5.449 1.021	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.02 2.87 1.01 1.13 1.19 0.63 0.63 0.70 2.12 0.69 1.24	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529 2,941 569 8,124	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.476 0.075 0.110 3.959 3.693 1.694 1.402 4.485 0.091	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65 0.67 2.85 0.64 1.24	A 5,435 4,106 1,329 13,191 417 5,727 5,342 1,541 164 5,999	 ₩R 6.621 5.002 1.619 12.356 12.356 0.591 0.591 4.997 4.662 1.658 0.448 6.310 	wD 1.41 1.41 1.41 1.08 1.09 1.0	4,042 3,271 3,298	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291 0.213	wp 1,41 1,41 1,41 1,41 1,01 1,01 1,01 1,01 1,01 1,01 1,20 1,20	136 103 33 4,395 2,274 2,121 2,121	WR 0.181 0.137 0.044 4.219 2.183 2.183 2.036	WD 1.40 1.40 1.40 1.40 1.01 1.01 1.01 1.01	A 1,041	FIRS1 WR 1.395	1.55
wR 1,973 b)046 1,927 3,287 8,890 1,136 8,555 1,318 7,742 5,502 2,675 5,937 8,496 7,919 2,578 2,578 2,527 3,262	1.09 1.09 1.09 1.51 2.90 2.79 1.25 1.35 1.35 1.16 1.16 1.16 1.22 1.67 1.08 2.59 1.29 1.29	A 12,680 9,580 3,100 73,572 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,569 4,902 1,138 11,119 2,959	41 DDL WR 12.536 9.4711 3.065 9.4711 3.065 19.113 4.188 8.736 8.520 18.120 5.853 2.686 8.818 6.227 5.005 2.656 11.436 3.276	E WD 1,14 1,14 1,14 1,14 1,14 1,14 1,14 1,293 2,83 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28	A 12,680 9,580 3,100 73,503 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119 2,959	WR 14.784 (1,170 3.614 105.363 21.282 4.667 9.817 9.605 20.368 6.620 3.028 4.462 8.678 8.097 5.786 2.953 13.569 3.690	1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 *2.87 *1.41 *1.41 *1.21 *1.27 *1.20 *1.25 1.29 1.29 1.24 *2.73 1.28 *1.31	A 12,680 9,580 3,100 73,603 7,547 1,713 7,920 7,149 17,681 5,473 2,662 3,744 7,074 6,600 4,902 1,138	wR 6.239 4.714 1.525 55.713 14.835 3.271 5.030 5.147 10599 2.828 1.296 1.912 3.351 3.127 2.425 L892 5.677 1.580	0.57 0.57 0.57 0.57 0.57 0.57 2.28 2.21 0.74 0.83 0.69 0.69 0.55 0.55 0.55 0.55 0.55 1.92 0.55 0.55	A 12,680 9,580 3,100 69,670 6,684 1,517 7,317 6,495 16,064 5,473 2,662 3,744 7,074 6,600 4,902 1,138 11,119 2,959	AIDDLE WR 6.448 4.872 1.576 53519 1.576 1.329 2.897 4.738 4.646 9309 2.918 1.345 1.985 3.829 3.573 2.530 1.920 1.920	w0 0.59 0.59 0.59 0.59 0.89 2.31 2.21 0.75 0.83 0.71 0.62 0.51 0.63 0.63 0.60 1.95 0.61 0.64	A 12,680 9,580 3,100 56,392 3,774 857 5,374 4,391 10,581 5,378 2,586 3,637 7,074 6,600 4,902 1,138 11,034 2,874	WR 7.334 5,541 1.793 46,036 9,154 1.799 3,831 3,253 7,587 3,249 1,441 2,124 4,424 4,128 2,903 2,143 6,578 1,757	0.61 0.61 0.86 2.55 2.21 0.75 0.75 0.63 0.59 0.61 0.66 0.66 0.62 1.98 0.63 0.64	A 12,680 9,580 3,100 40,959 1,092 248 3,394 2,247 5,557 4,300 1,806 2,541 7,074 6,600 4,962 1,138 10,168 2,008	WR 7,434 5,617 1,817 39,702 4,785 0,657 3,988 2,498 7,299 3,753 1,772 2,619 3,746 3,495 3,006 2,084 6,420 2,155	0.68 0.68 0.68 1.12 5.07 3.07 1.36 1.29 1.52 1.01 1.14 1.19 0.61 0.61 0.70 2.12 0.73 1.24	A (1,487 8,679 2,808 27,211 388 27,211 388 1,509 368 909 2,997 856 1,203 7,074 6,600 4,334 973 9,111 951	AIDDLE WR 6.847 5.173 1.674 21.510 0.554 1.773 0.324 2.257 2.615 0.839 1.241 3.877 3.617 2.630 1.783 5.449 1.021	WD 0.69 0.69 0.69 0.91 1.65 1.36 1.02 2.87 1.02 2.87 1.01 1.13 1.19 0.63 0.63 0.70 2.12 0.69 1.24	8,454 6,387 2,067 19,188 85 189 1,694 76 107 6,998 5,529 2,941 5,69 2,941 5,529 2,941 5,529	WR 5.039 3.807 1.232 12.606 0.100 0.095 1.476 0.075 0.110 3.959 3.693 1.694 1.402 4.485 0.091	0.69 0.69 0.69 0.76 1.36 0.58 1.01 1.14 1.19 0.65 0.65 0.67 2.85 0.64 1.24	A 5,435 4,106 1,329 13,191 417 5,727 5,342 1,541 164 5,999	 ₩R 6.621 5.002 1.619 12.356 12.356 0.591 0.591 4.997 4.662 1.658 0.448 6.310 	wD 1.41 1.41 1.41 1.08 1.09 1.0	4,042 3,271 3,298	MIDDLE WR 2.942 2.223 0.719 7.031 7.031 3.527 3.291 0.213 3.416	wp 1,41 1,41 1,41 1,41 1,01 1,01 1,01 1,01 1,01 1,01 1,20 1,20	136 103 33 4,395 2,274 2,121 2,121	WR 0.181 0.137 0.044 4.219 2.183 2.036 2.036	WD 1.40 1.40 1.40 1.40 1.01 1.01 1.01 1.01	A 1,041	FIRS1 WR 1.395	1.55

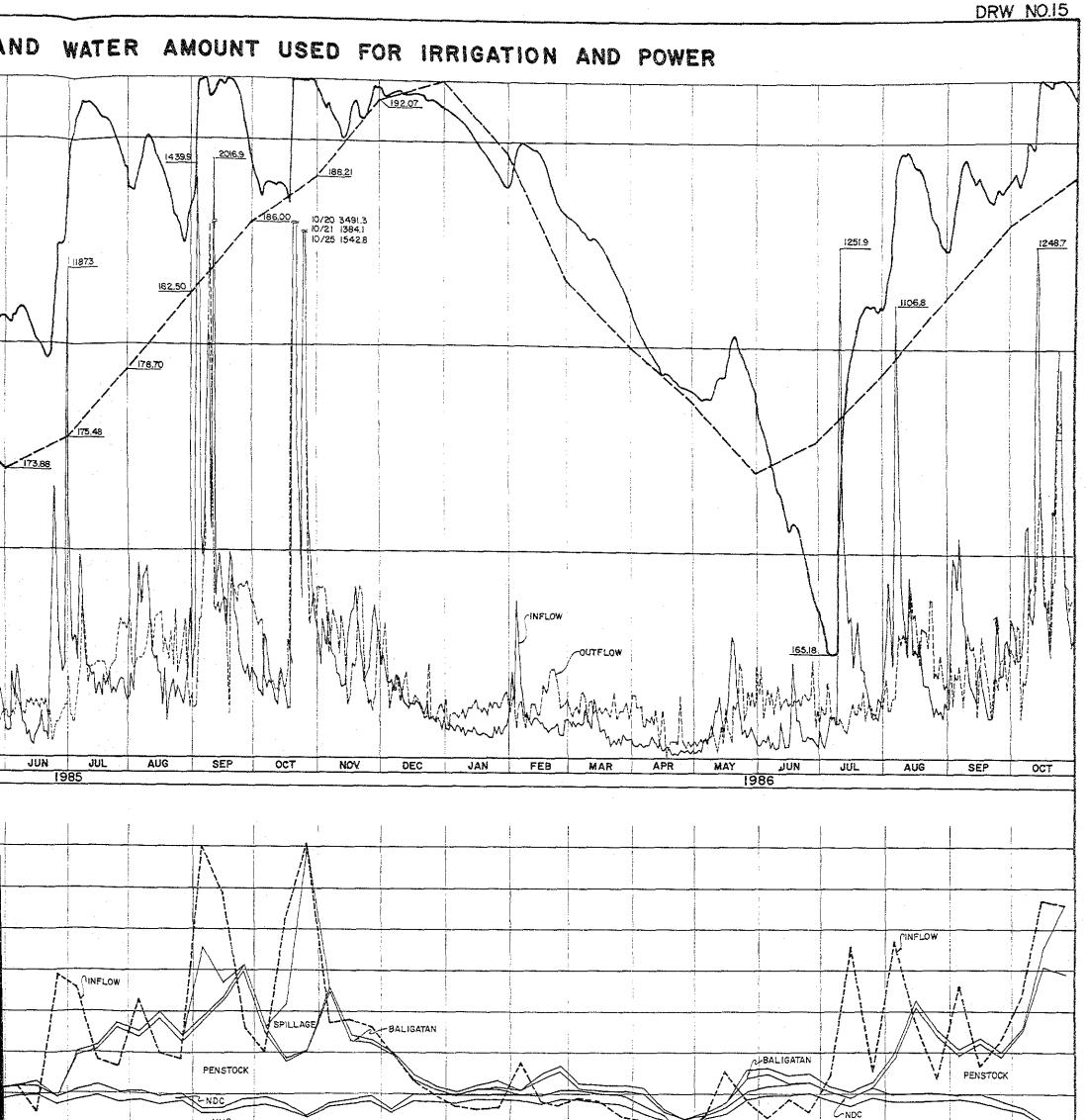
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100	_/			NDC	PENSTOCK	•			Δ					\mathbf{i}		$/ \square$	
	ź				MMC					CNDC			\sim	1			
INFLOW OUTFLOW PENSTOCK (MMC) (NDC)	37:.8 ^{m2n} 136.2 128.9 77.8 15.0	⁷⁷ 945.1 810.1 734.4 30.5 6.4	453.2 639.3 624.0 219.0 41.8	6 1, 6 594, 5 577, 9 247, 0	945.6 742.4 723.7 210.2	630.6 823.3 806.4 209.7	1022.5 495.8 483.2 129.0	687.5 656.7 549.8 172.7	296.1 325.4 303.6 223.8	119.0 310.9 291.2 219.4	62.8 280.7 261.3 195.0	94.6 185.2 167.7	312.4 112.3 107.0	298.5 208.1 202.8	497.3 291.3 274.0	628.4 624.8 596.0	640. 705 668.
BALIGATAN SPILLAGE m ³ /sec	7,3	10.4	15.3	47.2 16.6 0.0 JNOFF AN	44.5 18.7 0.0 ND INTAK	31.1 16.9 0.0 E DISCH	29.3 12.6 487.5 ARGE	36.2 15.4 91.5	45.1 21.8 0.0	61.4 19.7 0.0	59.0 19.4 0.0	134.0 46.5 17.5 0.0	106.3 11.1 5.3 0.0	1 92.7 35.1 5.3 0.0	237.7 55.8 17.3 0.0	238.7 64.5 28.8 0.0	227. 5(. 37. 0.
ERAGE 07 07 07 06 06				SPILLAGE		LINFLOW	<u> </u>	· ·	<u> </u>					·····		1	
INFLOW	8.3 McA	1 26.1	42.3	SSMC	MC 64 5	35.5	41.2				1						
(SNMC) (SSMC)	0.2 3.8	7.9 3.3 MAGAT F	BB 15.9 POWER PI	8.4	7.8 11.0 WER GENE	6.0	4.6	36.2 8.8 11.2	43.6 9.7 (7.2	16.0 8.4 7.6	8.3 6.7 1.6	7.5 5.1 2.4	12.4 1.2 0.0	26.4 9.3 5.5	43.4 5.4 7.3	44.4 11.1 15.0	50.9 6.5 18.2
GWH 100			· · · · · · · · · · · · · · · · · · ·				! 1] 			· · · · · · · · · · · · · · · · · · ·						:
POWER	25.9 gw	128.6	155.3	110.2	147.0	143.3	104.4	116.2	83,2	56.7	45,4	29.2	18.0	40.6	51.0	126.7	130.

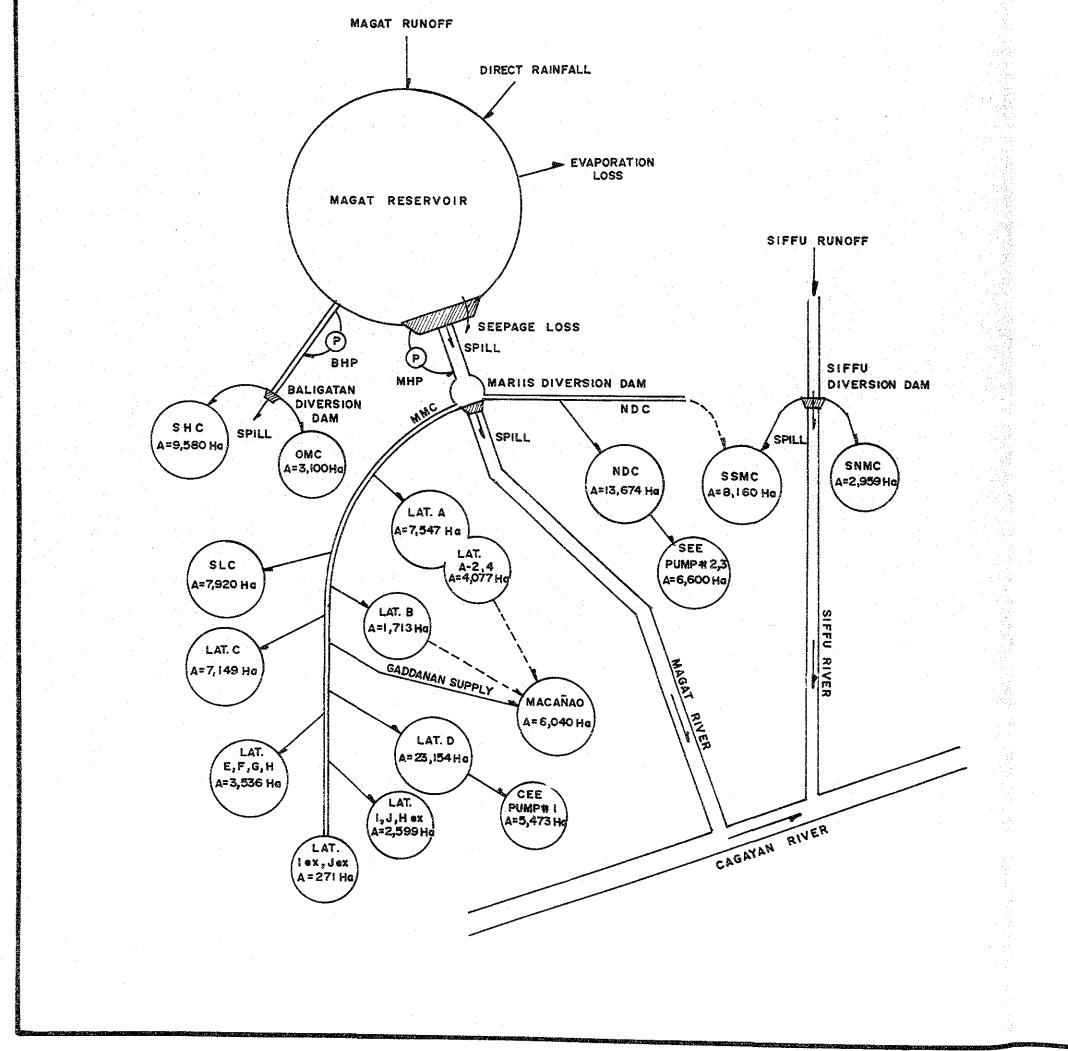
Comparison of the second se Second s Second se .



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											P*		MMC			
497.3	628.4	640.5	347.4	1303.6	709.5	387.8	186.8	279.9	197.1	72.6	250.9	159.2	662.0	776.4	654.6	1314.8
291.3	624.8	705.9	1074.2	1163.8	723.5	416.8	327.5	340.8	331.2	190.9	267.5	392.8	318.0	695.5	552.2	1140.5
274.0	596.0	668.2	863.9	561.8	700.B	394.3	289.8	307.0	293.8	173.3	232.0	346.5	274.6	654.8	519.0	939.8
237.7	238.7	227.2	166.5	170.3	203.8	204.7	231.0	205.6	220.8	80,7	65.5	256.8	223.4	221.8	203.3	81,6
55.8	64.5	51.3	36.4	29.5	27.0	34.5	60.7	44.2	57.9	26.2	35.5	64.1	58.3	50,4	40.6	17.8
17.3	28.8	37.7	31.7	20.9	22.7	22.5	37.7	33, 8	37.4	17.6	35.5	46.3	43.4	40.7	33.2	5.8
0.0	0.0	0.0	178.6	581,1	0.0	0.0	0.0	0.0	0.0	0.0	0,0	0.0	0.0	0.0	0.0	194.9
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		~		SPILL	AGE					1		1	/	:		
						SSMC			·						\sim	
		- <u></u>				ISNMC					1-					
43.4	44.4	50.9	44 1	54.9	52.5	39.8	25.8	23.7	B.6	10.2	16.0	19.3			-	
5.4	11.1	6.5	4.3	5.6	7.3	13.0	10.7	9.2	8.9	1.3	4.9	4,9	9,0	7.4	7.8	0.0
7.3	15.0	18.2	20.5	19.0	14.0	24.3	15.1	14.5	9.7	7.5	9.3	14.4	14.0	16.2	13.1	2,6
		·····	······	A										· · · · · · · · · · · · · · · · · · ·	<u></u>	·
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				1						<u> </u>					·	
51.0	126.7	130,2	188.9	113.0	145.4	81.6	57,9	60.9	57.6	27.7	42.9	56,2	49.1	124,2	105.3	195.8
·								لە			<u>k</u>					
											يورد مكنت الانتبار بجرب إكامت فتعال		جند تفاجي والمسمو فسنات الأوريج			

PROPOSED OPERATION RULE CURVE

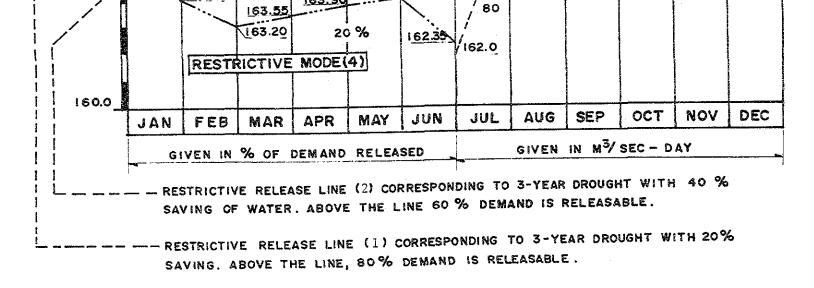
DIAGRAM FOR MAGAT RESERVOIR SIMULATION

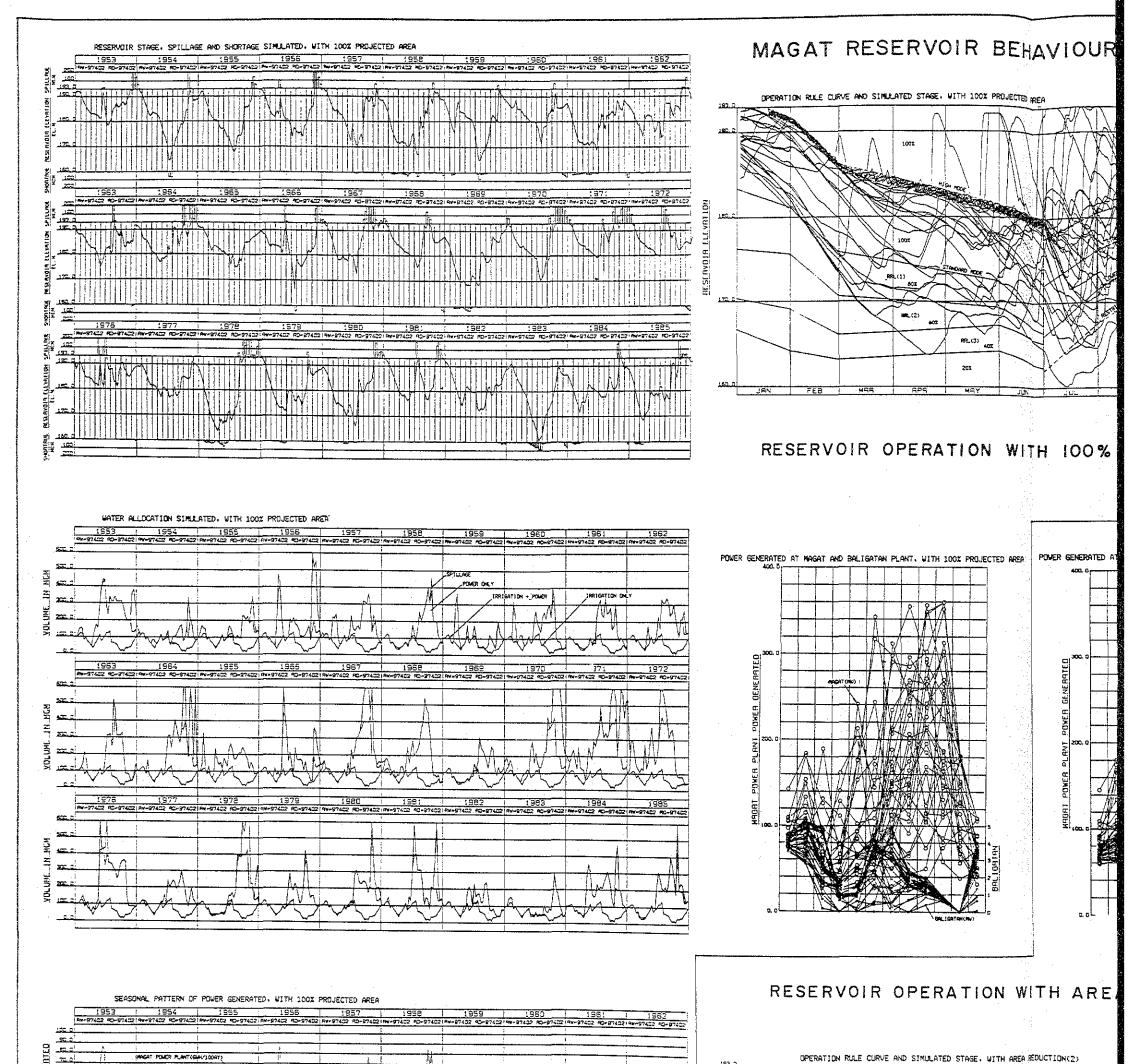


DRW NO. 15-1

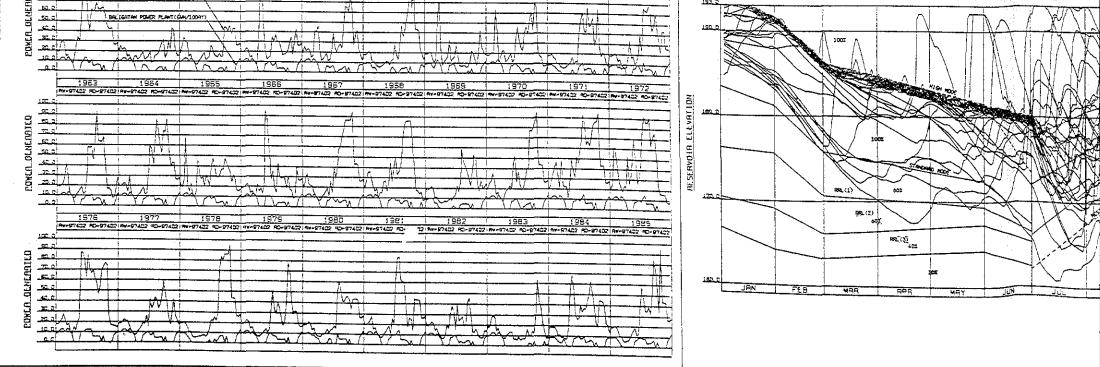
E CURVE FOR MAGAT RESERVOIR

BASIC STORAGE LINE WHICH CORRESPONDS TO REQUIRED STORAGE IN PREPARATION FOR 3-YEAR DROUGHT. 100 % OF IRRIGATION DEMAND IS ALLOWABLE TO BE RELEASED, WHENEVER THE RESERVOIR LEVEL IS ABOVE THIS LINE. BASIC STORAGE LINE WHICH CORRESPONDS TO REQUIRED STORAGE IN PREPARATION FOR IO-YEAR DROUGHT. AVAILABLE STORAGE ABOVE THIS LINE IS USABLE FOR POWER GENERATION ONLY WHENEVER THE RESERVOIR LEVEL EXCEEDS THE LINE. 193.0 192.0 150 4607 9 .65 230 <u>191.0</u> HIGHEST MODE 190.5 150 190.0 190.0 189. 189.0 188.9 20 230 HIGH MODE /180 100/ 187.6 187.1 HIGHER MODE / 70 186.15 185.5 260, 185.3 185.1 184.65 360 1 100 / 183.40 183.10 50 182.7 /180, 182.3 182.3 181.50 280 181.15 90 / 180.6 1 280 180.0_ Ω 179.3 179.1 240 Ē STANDARD MODE 50 177.5 STANDARD 0 N MODE 176.20 176.1 230 175.8 175.75 175.55 175.3 200 174.70 110 / ш 173.50 لغا LOWER MODE RESTRICTIVE / 50 172.40 MODE (1) 172.0 RESERVOIR 171.8 <u>171.5</u> 80 % 180 120 170.60 170.35 170.20 170.0 169.85 169.10 169.35 / 60 RESTRICTIVE 60 % 167.5 167.25 MODE (2) 130 167.25 166.40 | 166<u>.0</u> 166.80 66.70 166.40 166.10 40 % 165.20 RESTRICTIVE MODE(3) RESTRICTIVE MODE 164.20 164.20 163.90



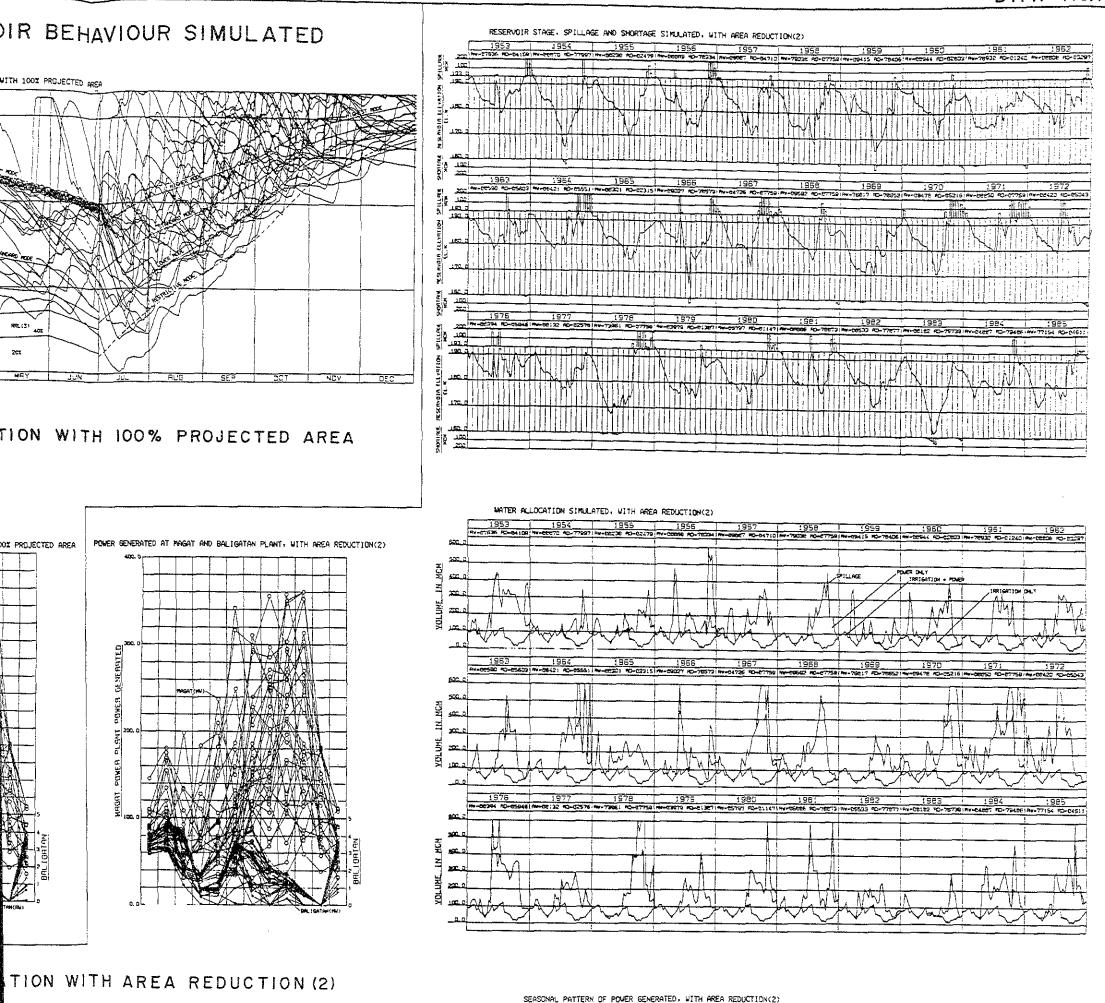


OPERATION RULE CURVE AND SIMULATED STAGE, WITH AREA REDUCTION(2)



70.0

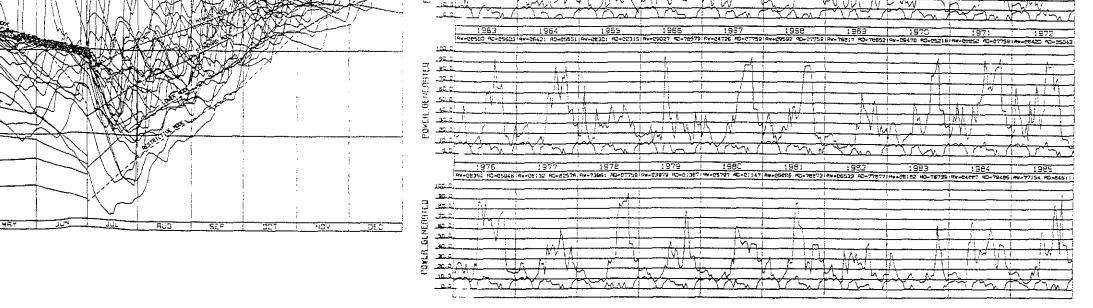
DRW NO.16

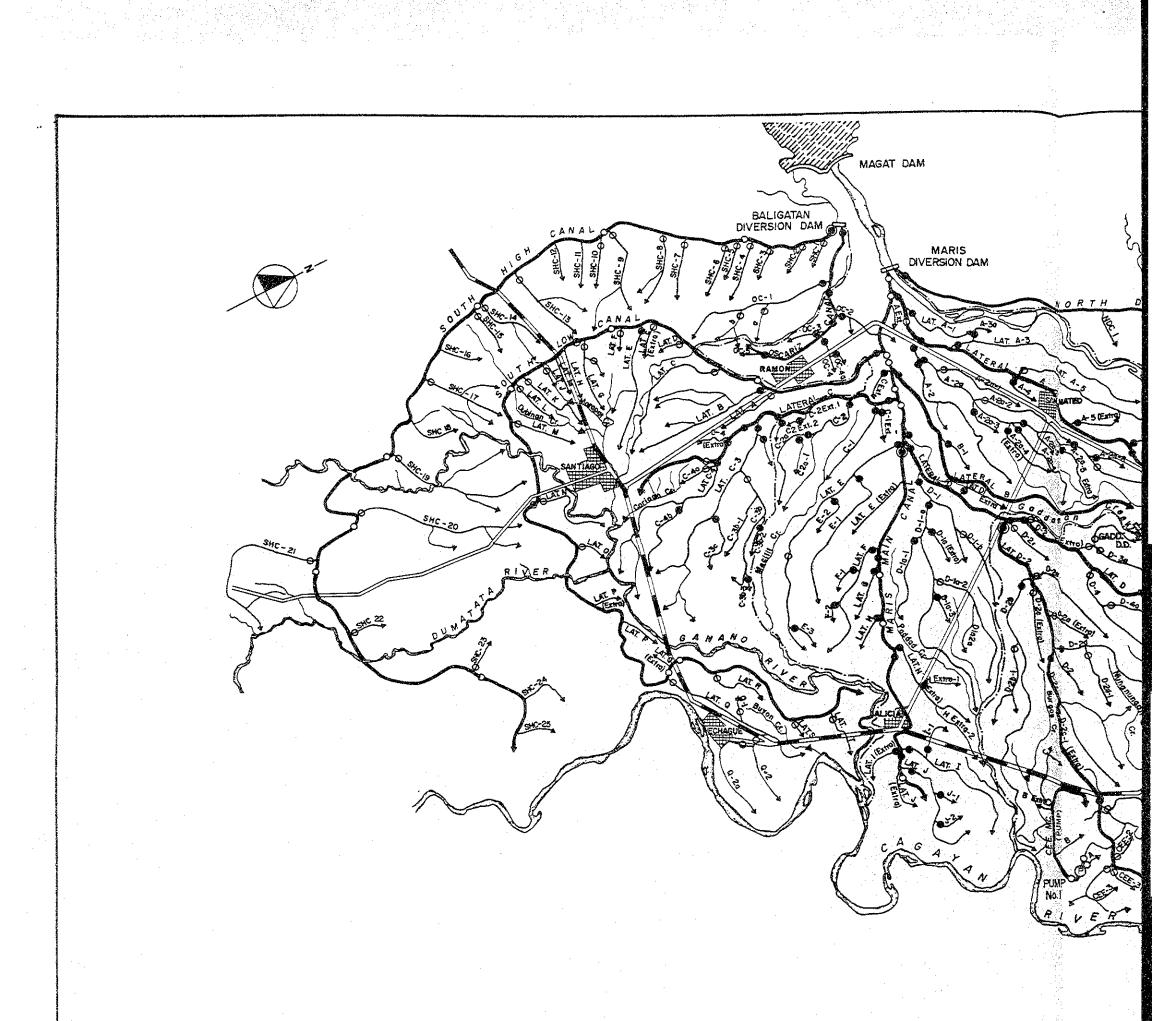


STAGE. UITH AREA REDUCTION(2)

SEASONAL PATTERN OF POWER GENERATED, WITH AREA REDUCTION(2)

		192		_		1954		L	193	<u>5</u>	<u> </u>	_12	56		1	<u>957</u>			<u>1958</u>			13	59	1		1960		1	961		(1962	2
2	A* 076	36 9	0-0	4139	Re-DEE	70 90	77997	I RY #CE	236 /	10-024	79!A #-0	10659	PD+75	734 Av	-0966	- - 0	47:01	ANN - 7785	THE PO-	C. 750	(Rig we	9415	80-76	4061	9 v - O ga	44 RD-	62600	100-728	2.0	2;240	11-1-01	208 ~	-01297.
<u>E. E.</u>							_				<u>.</u>				_		j																
<u> </u>								l															_	1							1		
0.5.		<u></u>					RAGAT	POLER	PLAN	COM/	0044)~	1								1		_		i				1	_		T		
	_	1			-			{				-{!					1			12	1			1				1					
أنقبه		1.	J.,	B-L	IGATAN	OWER	N ANT (C	HH/100	AY)		1	Ti					$I \square$			75	1			Ť	1		Λ	1			+	- K	A
2.0		1 17										11-				1					Í	1			h.		NÎ.	T	- <u>//t</u>		+	<u> </u>	16
LC:		<u> </u>		ζŢ					_ /	N M	<u> </u>			1.1	Δ	. 1			N	ζ				-	1	1 1	1	<u> </u>	-ΨΨ,	11-	+	- †	-/
L.2.		Y		1			- ()	14	1	$\sum_{i=1}^{n}$	11	11	A I	AL	Ц.		-Vi-l		11		1 1	1		11	11	-11		1	+-	-11	÷	TÍ	
. ت	. T	1		ᅳ떡	M		7.1	11		N	97	\Box	∇	110	11	71	1		11	1			ξ.	11	11	14	+	1		- 	+	1-1-	<u>₩</u>
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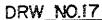


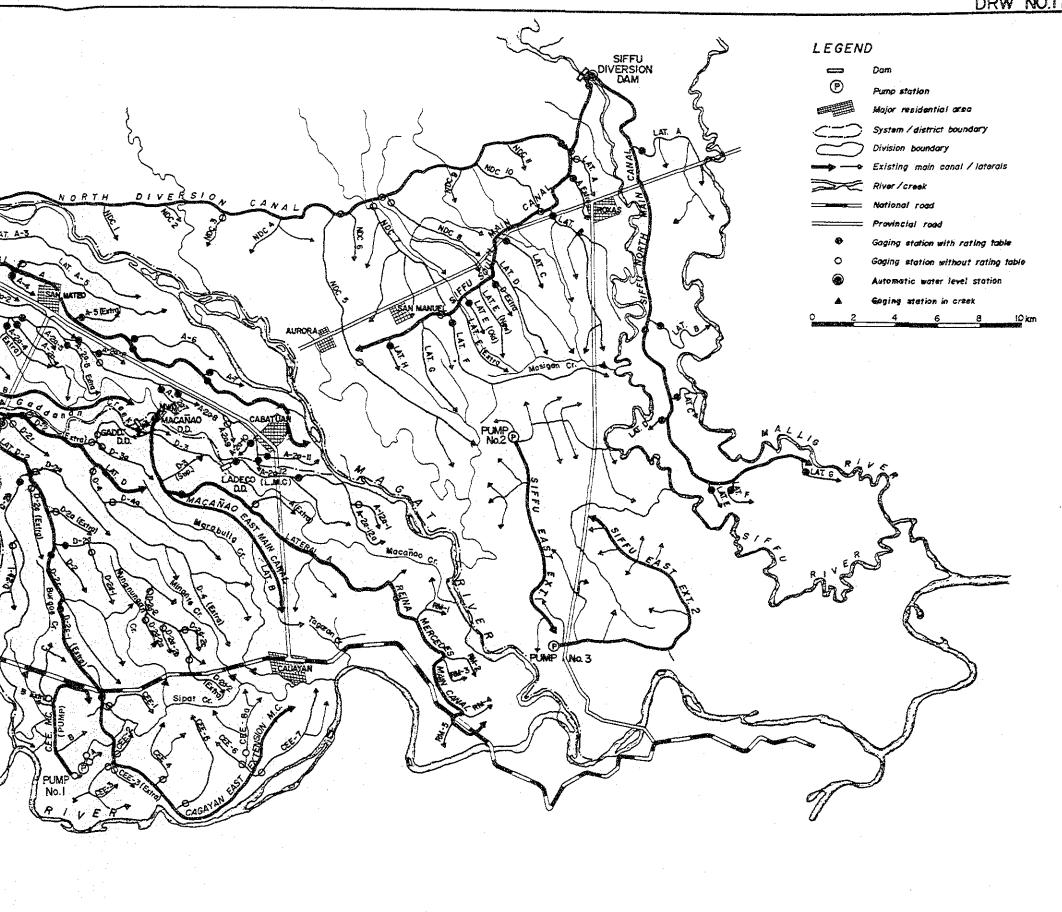


				1	O. OF EXI	STING STA	FF GAG	E			810.07
NAME OF CANAL	CODE OF CANAL	NO. OF LATERAL	the second s	CANAL		/SUBLAT		TQTAL		PAINTED	NO. OF
	CANAL	& SUB LATERAL	W/RT	WAO RT.	W/RT.	W/ORT.	W/RI	WORT	TOTAL	PAINTED STAFF GAGE	STAFF G
I MARIS SYSTEM						1					1
MARIS	MMC	15	5	7	-	- ·	5	7	12	4	30
LAT. A & A EXT.		30	4	-	22	5	26	5	3	12	93
LAT. B		2	ł	_	1		2	5	2	-	5
LAT C & C EXT.		27	4	2	14	3	18	5	23	16	53
LAT. D		39	7	_	11	13	18	13	25		1
LAT E-JEXT		25	-	_	16	2				15	103
					10	۷	16	2	18	11	28
2. OSCARIZ	OMC	12	4	_	5						
3. SOUTH HIGH	SHC	42	, i	-	3	2	9	2	11	1.5	45
4. SOUTH LOW	SLC	33		9 7	_	18	1	27	28	-	137
5. NORTH DIVERSION	NDC	27	2		2	18	3	25	28	24	101
6. SIEFU SOUTH	SSMC	17	~ ,	1	-	4	2	5	7	-	66
7 SIFFU NORTH	SNMC	12	2	3	7	1	8	4	12	-	48
8 MACANAO EAST	MEMC	5	2	-	6		8	-	8	-	29
9. LADECO				-	1	E T	2	t t	3		25
IQ. REINA MERCEDES	RMMC	3	2	-		1	2	1	3	-	10
	3	6	-	1	-	-		1	· •	-	15
II. CAUAYAN EAST EXT.	CEE MC	18	1.	-	-	9	Į.	9	. 10		46
12. CAUAYAN EAST EXT. (PLMP)	CEE MC (PUMP)	1		1		2		3	3		12
13. SIFFU EAST EXT. I	SEE MC No.1	16	-	-	-	:	_	_	0		31
14. SIFFU EAST EXT. 2	SEE MC No. 2	12	-	-		i }			0		43
15 MACANAO WEST	MWMC	-		-	-			_	0	-	3
IG. CREEK	l	-		-	-	-	11	-	il		2
TOTAL		332	36	31	85	79	132	110	242	83	94

(NOTE) R.T : Rating Table

a status de la constatua de Aria de Constatua de Constatua de Constatua de Constatua de Constatua en enconstat

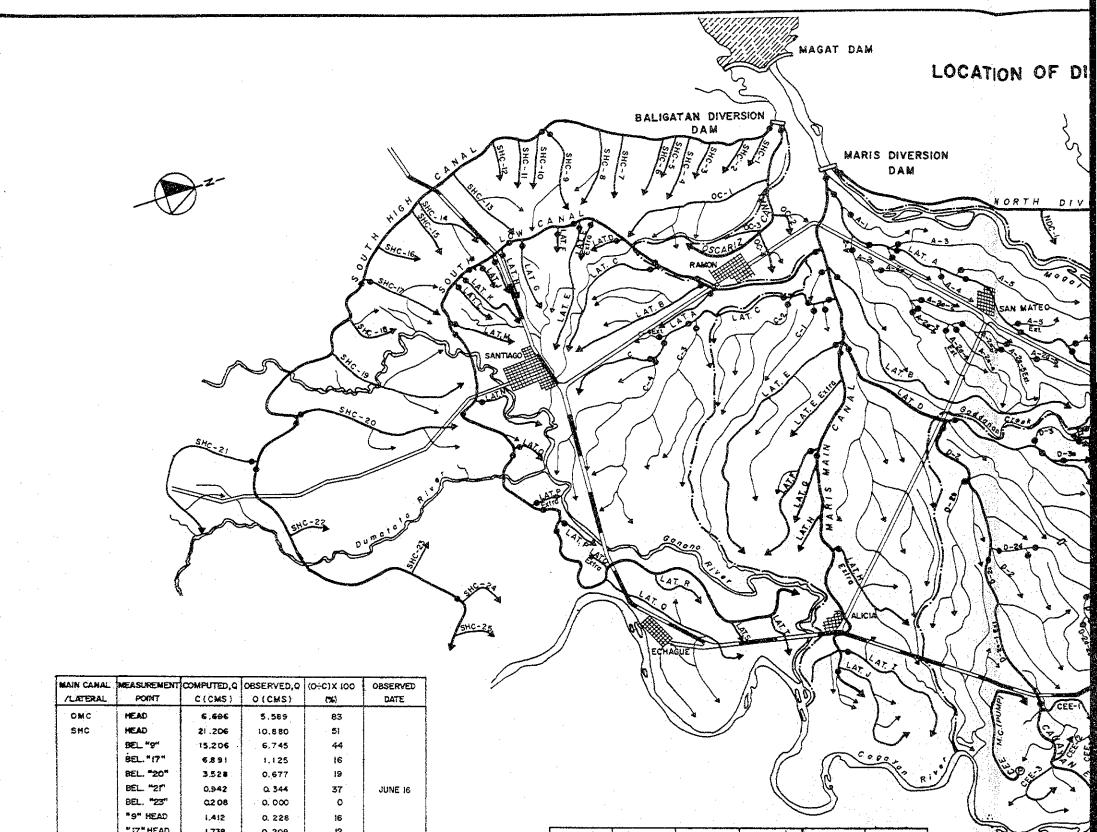




PAINTED STAFF GAGE	NO. OF PROPOSED STAFF GAGE
	70
4 12	30
12 	93
	1
16	53
15	103
11	28

83	946
	23
	3
	43
-	31
	12
— .	46
-	15
-	10
-	25
-	29
-	48
- ·	66
24	101
—	137
1	

LOCATION OF EXISTING STAFF GAGE IN CANAL SYSTEM AND NUMBER OF PROPOSED STAFF GAGE



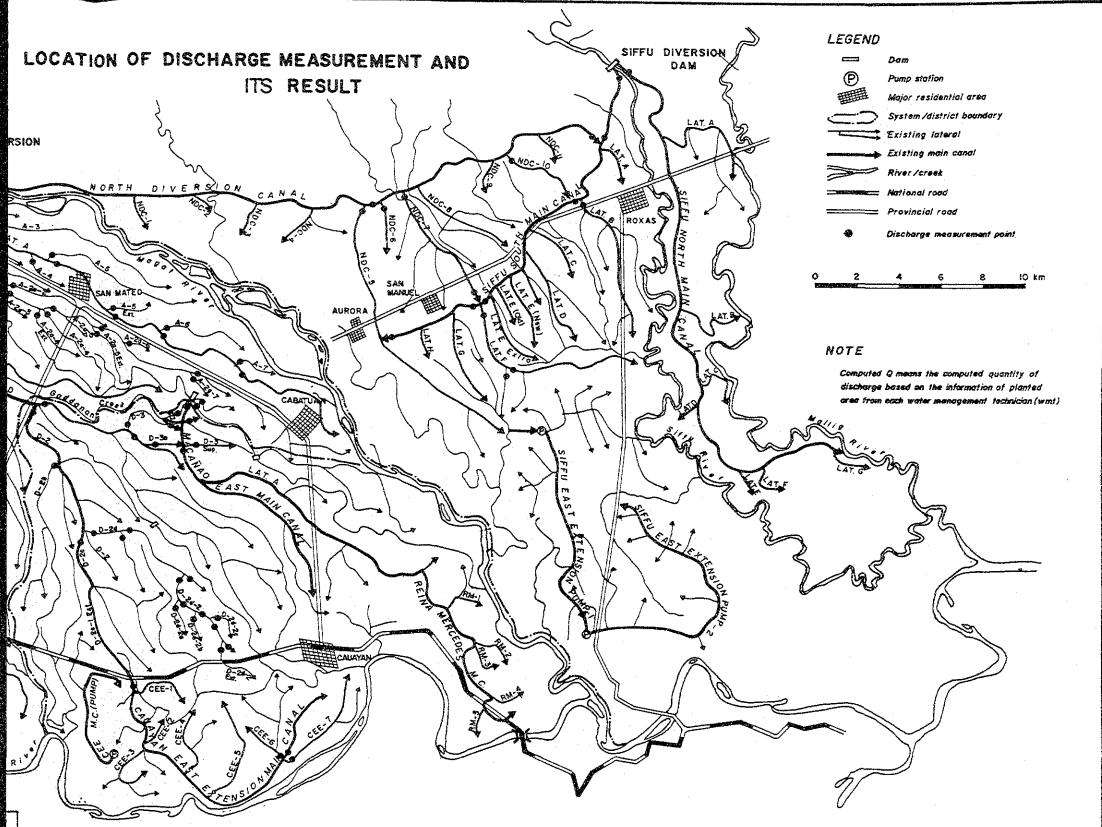
	OMC	HEAD	6;696	5.589	83					7 - Y			(1,2)
	SHC	HEAD	21.206	10.880	51				\searrow	· · · · · · · · · · · · · · · · · · ·		\sim	1.11/2
		BEL.*9"	15,206	6.745	44								10
		BEL. "17"	6.891	1.125	16	ł					a	000 -	
		8EL20*	3.528	0.677	19	1						163 .	· // ·
		BEL. "21"	0.942	Q 344	37	JUNE 16				ll ll	lla		٧.
		BEL. "23"	02 08	0.000	0							· · · ·	(
		"9" HEAD	1.412	0. 228	16								
		"17" HEAD	1,738	0.209	12			har a gunra man					{ .
		"20" HEAD	0.632	0.392	62			MEASUREMENT			(0÷C) X 100	OBSERVED	
		"21" HEAD	2,318	0.110	5		/LATERAL	POINT	C (CMS)	O (CMS)	(%)	DATE	
	SLC	HEAD	(3,379	14.934	107	1 1	MMC	HEAD	123.233	83.486	68	JUNE 9	
		. BEL. "8"	(158)	8.802	76			BEL "D"	10.944	4.005	37		
		BEL. "C"	11.179	7. 468	67	JUNE 18		BEL "D"	10.844	9.195	85		
		9EL. "E"	9,455	5, 120	54			BEL: "F"	7.495	7.314	98		
		BEL. "G"	8,125	3. 492	43			BEL "HExt"	4.719	3.855	82	JUNE II	
		BEL. "J"	7.137	2, 653	37			BEL "I"	2.186	1.067	49	1. A.	
		861. "J"	7.137	3.643	51	[BEL, "J"	0.145	0.000	0		
		BEL. "M"	6,176	2. 542	41			"A" HEAD	29.997	30.896	103		
		851. "N"	5.644	1.527	27	JUNE 19		"SLC" HEAD	15.369	13.446	87		
		88L. "O"	5.263	0.828	16			"B" HEAD	8.651	3.885	45		
		BEL. "PExt"	4.922	0.388	8			"CExt." HEAD	0.332	0.199	60	JUNE 9	
		BE1 "P"	4.826	0.000	0			"C" HEAD	16.350	7.722	47		
1		"A" HEAD	0.343	0.471	137			"GAD" HEAD	-	-	-		l
		"9" HEAD	1.75	2.901	196	1.		"D" HEAD	36.967	29.582	80		
		"C" HEAD	0.402	1.132	282			"E" HEAD	3.668	2.010	55		Í
		"D" HEAD	0.139	0.339	244	JUNE 18		"F" HEAD	1.772	431	81		i. 1
		"E" HEAD	1.200	0.304	25			"H Ext." HEAD	1.375	1,956	142	JUNE II	
-		"F" HEAD	0.57	0.050	32			"I" HEAD	1,998	0.978	49		l
		"S" HEAD	0.669	0.223	33			"J" HEAD	1.332	0.719	54		
		"I" HEAD	0.335	0.038			LAT. D-MMC	HEAD	46,704	24.718	53		
		"J" HEAD	0.048	0.049	102			BEL. "D-2"	12.144	5,388	44		ł
		"K" HEAD	0.343	0.327	95		LAT. D-2-MMC	.	25,461	14743	58		
		"L" HEAD	0.275	0.108	39			"D-26" HEAD	5.019	2,176	43	JUNE 23	l
		™M"HEAD	0.062	0.117	189			"D-2d" HEAD	5,228	1,434	27		
		"N" HEAD	0.532	0.227	43	JUNE 19	LAT D-2c-MM		10,479	8.794	64		
		"O" HEAD	0.21	0384	162		CEE MC-MMC		6,914	7.221	104		
		"P Ext" HEAD	0.000	0045	-			BEL "CEE-7"	0.627	0.395	63		[
		"P" HEAD	0.096	0.076	79			"CEE-S"HEAD	0.884	Q150	17		
	LAT. C-MMC	HEAD	i4.052	5.473	39	1		"CEE-7" HEAD	0.080	0.000	<u> </u>		4
	İ	BEL. "04"	12.917	4.054	31		LAT. D-2d	HEAD	5.228	2.954	57		
	2	BEL. "C-2"	12.413	3.186	26			85F ,0-54-1.	4162	2.303	55		1
		8EL "C-3"	4.876	0.747	15			"D-2d-N"HEAD	0,918	0129	14		1
		BEL. "C-4"	1.089	0.267	25	JUNE 20	LAT. D-2d-2			0.827	42		
		"C-IExt"HEAD	0.000	0.270	-		f	BEL."D-28-2-5	ĺ	0.449	27	JUNE 30	
		"C-I" HEAD	1.135	1376	104			BEL. "D-2d-2c"		0.298	21	[
		"C-2"HEAD	0.504	0.518	103			BEL."D-2d-2Ext		CIEI	22		
		C-3"HEAD	6.473	1.893	29	1		"D-2d-2-5"HEAD		0.042	22		ł
		"C-4 Ext"HEAD	0.204	0.000	0	1		"D-20-2-0"HEAD		0,182	61		
		C-4" HEAD	3.123	1.182	38			D-2d-2-c HEAD		0.029	13		
								D212EXTHEAL	0.699	QIEI	23		1

	4		0.220		1						and the second second
	"I7" HEAD		0.209	12		MAIN CA	NAL MEASUREMENT	COMPUTED O	OBSERVEDO	(0+C) X 100	OBSERVED
	"20" HEAD	1	0, 3 92	ଟ		/LATE		C (CMS)	O (CMS)	(%)	DATE
	"21" HEAD	2,318	0.110	5		MNC	HEAD	123.233	83.486	68	JUNE 9
SLC	MEAD	(3.379	14.934	107			BEL "D"	10.844	4.005	37	
	BEL. "8"	11.58	8.802	76			BEL "D"	10.844	9.195	85	<u> </u>
	BEL. "C"	11.179	7. 468	67	JUNE 18		BEL: "F"	7.495	7.314	80 98	
	9EL. "E"	9.455	5, 120	54			BEL "HExt"	4.719	3.855	82	JUNEII
	BEL. "G"	8,125	3. 492	43			BEL "T"	2.186	1.067	49	
	BEL. "J"	7.137	2, 653	37	ļ		BEL. "J"	0.145	0.000	43	
	eel. "j"	7.137	3.643	51			"A" HEAD	29.997	30.896	103	
	BEL. "M"	6,176	2.542	41			"SLC" HEAD	15.369	13.446	87	
1	851. "N"	5.644	1.527	27	JUNE 19		"B" HEAD	1		45	
ļ	8EL. "O"	5.263	0.828	16			"CExt"HEAD	8.651	3.885		
[BEL. "PEr	4.922	0.388	8			"C" HEAD	0.332	0.199	60 47	JUNE 9
	BEL "P"	4.826	0.000	0			"GAD" HEAD			-	
1	"A" HEAD	0.343	0.471	137			"D" HEAD	36.967	29.582	80	
	"9" HEAD	1.75	2,901	166			"E" HEAD	3.668	23.562	55	
	"C" HEAD	0.402	1.132	282			"F" HEAD	1.772	1.431	81	
1	"D" HEAD	Q.139	0.339	244	JUNE 18		"H Ext." HEAD	1.375	1,956	142	JUNE II
	"E" HEAD	1.200	0.304	25			"I" HEAD	1,998	0.978	49	UUNE II
1	"F" HEAD	0.57	0.050	32			"J" HEAD	1.332	0.978	54	
1	"S" HEAD	0.669	0.223	33	Į	LAT D-		46,704	24,718	53	
	"I" HEAD	0.335	0038	11			BEL, "D-2"	12.144		44	
	"J" HEAD	0.046	0.049	102			2-MMC HEAD	1	5.388 14.743	1	1
1	K" HEAD	0.343	0.327	95			"D-26" HEAD	25.461 5.019	2.178	58	
	"L" HEAD	0.275	0.108	39			"D-2d" HEAD	5,228	1.434	43 27	JUNE 23
	"M" HEAD	0.062	0,117	189	ŀ	LAT. D-	C-MMQ HEAD	10.479	8.794	64	
1	"N" HEAD	1	0.227	43	JUNE 19	CEEMC		6,914		1	
	"O" HEAD	0.21	0384	182	1		BEL "CEE-7"		7.221	104	
1	"P Ext" HE	. [0045	-			CEE-6"HEAD	0.627	0.395	63	1
	"P" HEAD	0.096	0.076	79			"CEE-7" HEAD		Q150	0	1
LAT. C-M	INC HEAD	14.052	5.473	39		LAT, D		· · · · · · · · · · · · · · · · · · ·	0.000		
ł	BEL. "04"	12.917	4.054	31			20 HEAD 85L '0-26-1"	5.228	2.954	57	1
1	BEL. "C-2"	· · · · · · · · · · · · · · · · · · ·	3.186	26			"D-2d-1"HEAD	4:62	2.303	55	
1	8EL "C-3		0.747	15		LAT. D			0129	14	
	BEL *C-4	1	0.267	25	JUNE 20		BEL."D-26-24		0.827	42	
ļ	"C-IExt"HE		0.270	-			BEL. "D-2d-21	1	0.449	27	JUNE 30
1	"C-I" HEAD	1.135	1.176	104			BEL."D-20-26		0.298	21	
ļ	*C-2"HEAI	0.504	0.518	103			"D-2d-2-5"HEA		CIEI	22	
	"C-3"HEA	6.473	1.893	29	1		"D-20-2-0"HEA		0042	22	
	"C-4 Ext"Ht		۵000	0	1		"D-2d-2-0"HEA		0.182	6!	
	"C-4" HEA	D 3.123	1,182	38			0-20-2-5-4EA		0.029	13	

MAIN CAN /LATER LAT. A

LAT. A-3

DRW NO.18



-	MEASUREMENT	COMPUTED Q	OBSERVED Q	(0÷C) X (00	OBSERVED
	POINT	C (CMS)	O (CMS)	(%)	DATE
	HEAD	25.087	28.30	113	ţ
	8EL. "A-2"	9.637	15.375	160	
	8EL. "A-3"	5,979	9,716	163	
	BEL. "A-5"	3.858	5.724	148	
	BEL. "A-SEXT	2.497	3.163	127	
	9EL. "A-8"	0.979	1.819	186	JULY 2
	BEL. "A-7"	0.000	1.829	-	
	"A-I" HEAD	0.850	2.395	279	
	"A-2" HEAD	13.952	15.054	108	
	"A-3" HEAD	3.013	3.540	117	
	"A-4" HEAD	0.212	0.589	278	
	"A-5" HEAD	1.528	2.068	135	
	"A-SExt."HEAD	0.528	0829	157	
	"A-6" HEAD	0.685	0.737	106	
	"A-7" HEAD	0.100	0.503	503	
. A-20	HEAD	11.140	10.236	95	
	BEL."A-20-3"	6.012	8.441	105	1
	BEL. "A-20-4"	6.159	7.016	114	
	BEL. "A-20-5"	5,880	5.978	102	
	BEL. "A-20-56	5.117	3.689	72	
	8EL."A-20-7"	2.680	1.063	40	JULY 3
	"A-2a-1" HEAD	0.836	0.234	28	
	"A-20-2"HEAD	1.263	0.264	25	
	"A-20-3" HEAD	0.220	0.068	31	
	A-20-4Ext"HEAL	1.033	0.617	60	
	"A-20-4"HEAD	0384	0.442	115	-
	"A-20-5"HEAD	0.105	0.371	35 3	
	A-20-5ExTHEAD	0.589	i, 374	233	
	"A-20-6"HEAD		0.393	91	
	"A-20-7"HEAD	0169	0 4 4 4	263	

AAIN CANAL	MEASUREMENT	COMPUTED Q	OBSERVED Q	(0+C) X (00	OBSERVED	r	r	1	· · · · · · · · · · · · · · · · · · ·	·····	· · · ·
/LATERAL	POINT	C (CMS)	O (CMS)	(%)	DATE	MAIN CANAL		COMPUTED Q	OBSERVED Q	(0+C) X 100	OBSERVED
LAT. A	HEAD	25.087	28.30	113	t.	/LATERAL	POINT	C(CMS)	O(CMS)	(%)	DATE
	BEL. "A-2"	9.637	15.375	160		NDC	HEAD	21.999	24.772	113	1
	SEL. "A-3"	5.979	9,716	163			BEL. "1"	21 600	24.267	112	
	BEL. "A-5"	3.858	5.724	148			BEL "2"	16.668	11.885	71	
	BEL. "A-SEXT	2.497	3.163	127	-		BEL. 77	4.63	8.9!7	193	
	BEL. "A-8"	0.979	1.819	186	JULY 2		8EL. "9"	1.752	5.134	293	JUNE 25
	BEL. "A-7"	0.000	1.829	-			END	0.000	2.464	-	
	"A-I" HEAD	0.850	2.395	279			"5" HEAD	2.507	1.70(68	
	"A-2" HEAD	13.952	15.054	108			"6" HEAD	0.692	0.774	112	
	"A-3" HEAD	3.013	3.540	117			"7" HEAD	11.318	6.030	53	
	"A-4" HEAD	0.212	0.589	278		SSMC	BEL. NOC END	18.846	6.857	36	
	"A-5" HEAD	1.528	2.068	135		SSMC	HEAD	19.03!	5.746	30	
	"A-SExt."HEAD	0.528	0829	157			9EL. "B"	14,681	1.737	12	
	"A-6" HEAD	0.685	0.737	106			BEL. "Ext."	0.852	0000	0	
	"A-7" HEAD	0.100	0.503	503			8EL. "F"	10.852	0.955	9	JUNE 26
LAT. A-20	HEAD	11,140	10.236	95			BEL. "H"	0.000	0.908	<u> </u>	
	BEL."A-20-3"	6.012	8.441	105			"B" HEAD	3.211	2.252	70	
	BEL. "A-20-4"	6.159	7.016	114		LAT, F/SSMC	HEAD	8.776	6.540	75	
	BEL. "A-20-5"	5,880	5.978	102			BEL. "F-["	1.461	0332	23	ļ
	BEL. "A-20-56	5.117	3.689	72			"F-I" MEAD	6,984	6.199	89	
	BEL."A-20-7"	2.680	1.063	40	JULY 3	MEMC	HEAD	} 6.365	4.983	76	
	"A-2a-1" HEAD	0.836	0.234	28		INAMNAMA SU	HEAD		⁻ (0.879)		
	"A-20-2"HEAD	1.263	0.264	22		GADDANAN SU	HEAD	3.000	2.016	67	
	"A-20-3" HEAD	0.220	0.068	31		GADDANAN CR	BEL. DIVERSION	u	4.167	-	
	A-20-4Ext"HEAD	1.033	0.617	60		MEMC	BEL."O-3 SUP!	9.262	7.866	85	JUNE 27
	"A-20-4"HEAD	0384	0.442	115		LAT. D-3	BEL."D-30"	2.765	0.80	29	
	"A-20-5"HEAD	0. Ю5	0.371	35 3		LAT D-30	HEAD	0.739	0.304	4	
	A-20-5EXTHEAD	0.589	i, 374	233		LAT D-3 SUP	HEAD	Q373	0.748	201	
	"A-20-6"HEAD	0.434	0.393	91		LAT."D-3 at"		0,000	0.000	-	
	"A-20-7"HEAD	0169	0 4 4 4	263		NWNC	HEAD	0.836	2.257	270	

BOUNDRY OF WM DIVISION AND CHECK POINT OF WATER ALLOCATION IN DISTRICT - I

MAGAT DAM

<u>/as</u>

5HCB

281

EREE

NUMBER OF PROPOSED DISCHARGE MEASUREMENT POINT

NAME	RE	PRESE	INTATI	VE AS	SIGNM	ENT		
OF	HEAD	OFFICE	DARD	STRICT	DISTR	NCT I	то	TAL
CANAL	C. P.	0. P.	C. P.	0. P.	C. P.	0. P,]	
S H C			1	-	21	30	22	30
оc				-	Ļ	3	2	3
SEC			;		9	27	-10	27
LAT. C			-	-	8	11	8	11
CREEK				-	-	З	-	3
TOTAL			3		39	74	42	74

C.P. : CONTROL POINT TO BE MEASURED O.P. : ORDINAL POINT TO BE MEASURED

LEGEND :

1

 \mathbf{A}

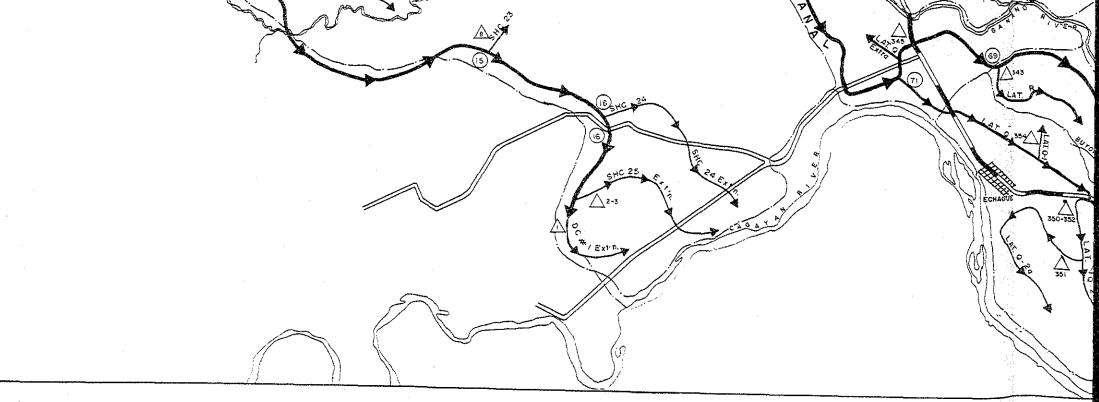
EXISTING MAIN CANAL EXISTING LATERAL NATIONAL ROAD PROVINCIAL ROAD

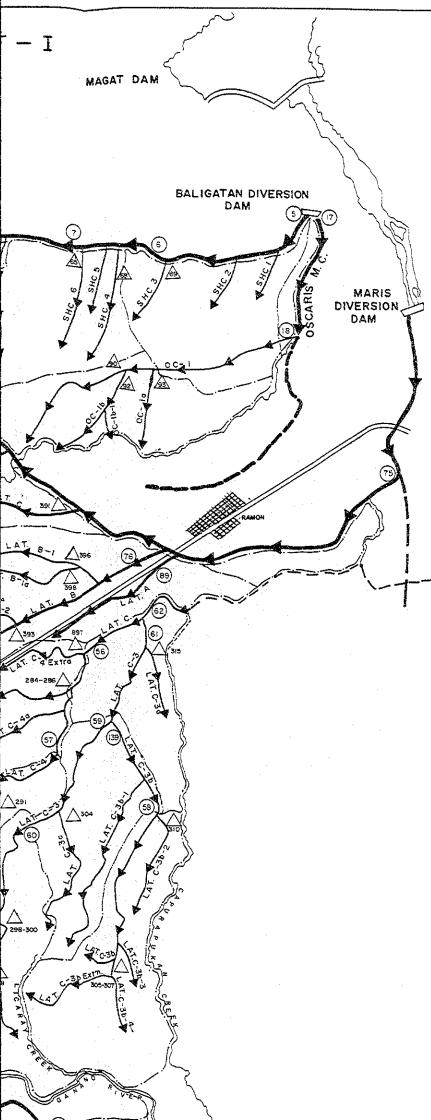
CREEK

DIVISION BOUNDARY OF W.M.

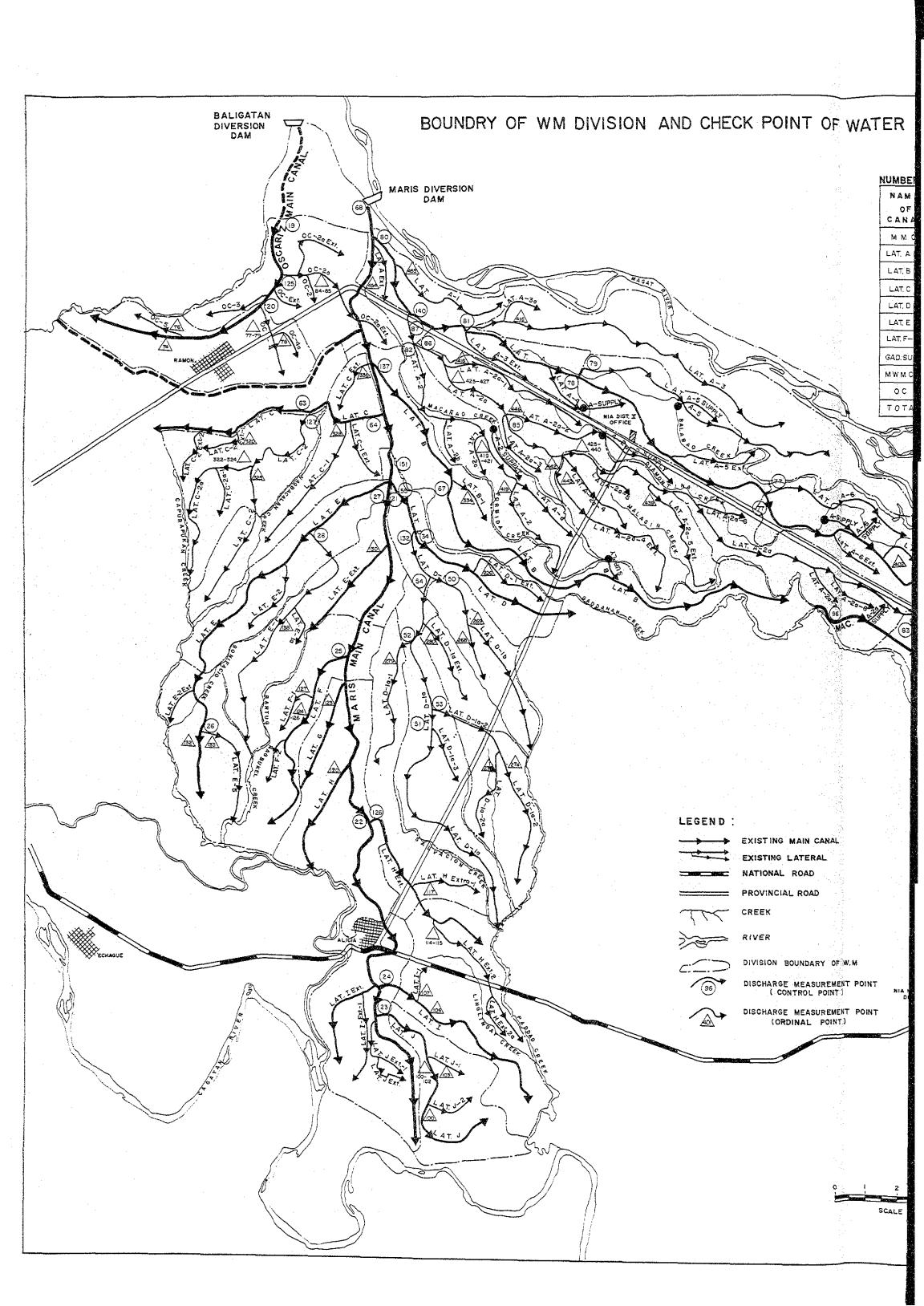
DISCHARGE MEASUREMENT POINT (CONTROL POINT)

DISCHARGE MEASUREMENT POINT



and the second


338 338 338 ALICIA	
	REPUBLIC OF THE PHILIPPINES
	MAGAT RIVER INTEGRATED IRRIGATION SYSTEM
CALE_1:50,000	BOUNDARY OF W.M.T (D-I) & CHECK-POINT OF WATER ALLOCATION
	DWG. NO. DATE JAPAN INTERNATIONAL COOPERATION AGENCY



DINT OF WATER ALLOCATION IN DISTRICT - I

NUMBER OF PROPOSED DISCHARGE MEASUREMENT POINT

NAME	RE	PRESI	ENTAT	IVE A	SSIGNN	IENT		ТАЦ
OF	HEAD	OFFICE	D&RD	ISTRICT	DISTR	ICTII		
CANAL	C.P.	0.P	C, P,	0. P.	Ç, P	0.P	C.P	0. P.
ммс			2		1	-	З	-
LAT. A			I	-	13	۱5	14	15
LAT. B			1	-	1	1	2	
LAT. C			ſ	-	2	5	3	5
LAT. D			1	-	7	7	8	7
LAT. E		1	l	_	2	4	3	4
LAT. F J		- 	-	-	4	ļ n	4	11
GAD, SUP			I	-		-	1	о
мммс			-	-	1	-	1	0
oc				<u> </u>	3	-	3	4
TOTAL			8	0	34	47	42	47

C.P. : CONTROL POINT TO BE MEASURED O.P. : ORDINAL POINT TO BE MEASURED

IG MAIN CANAL

R. Insta

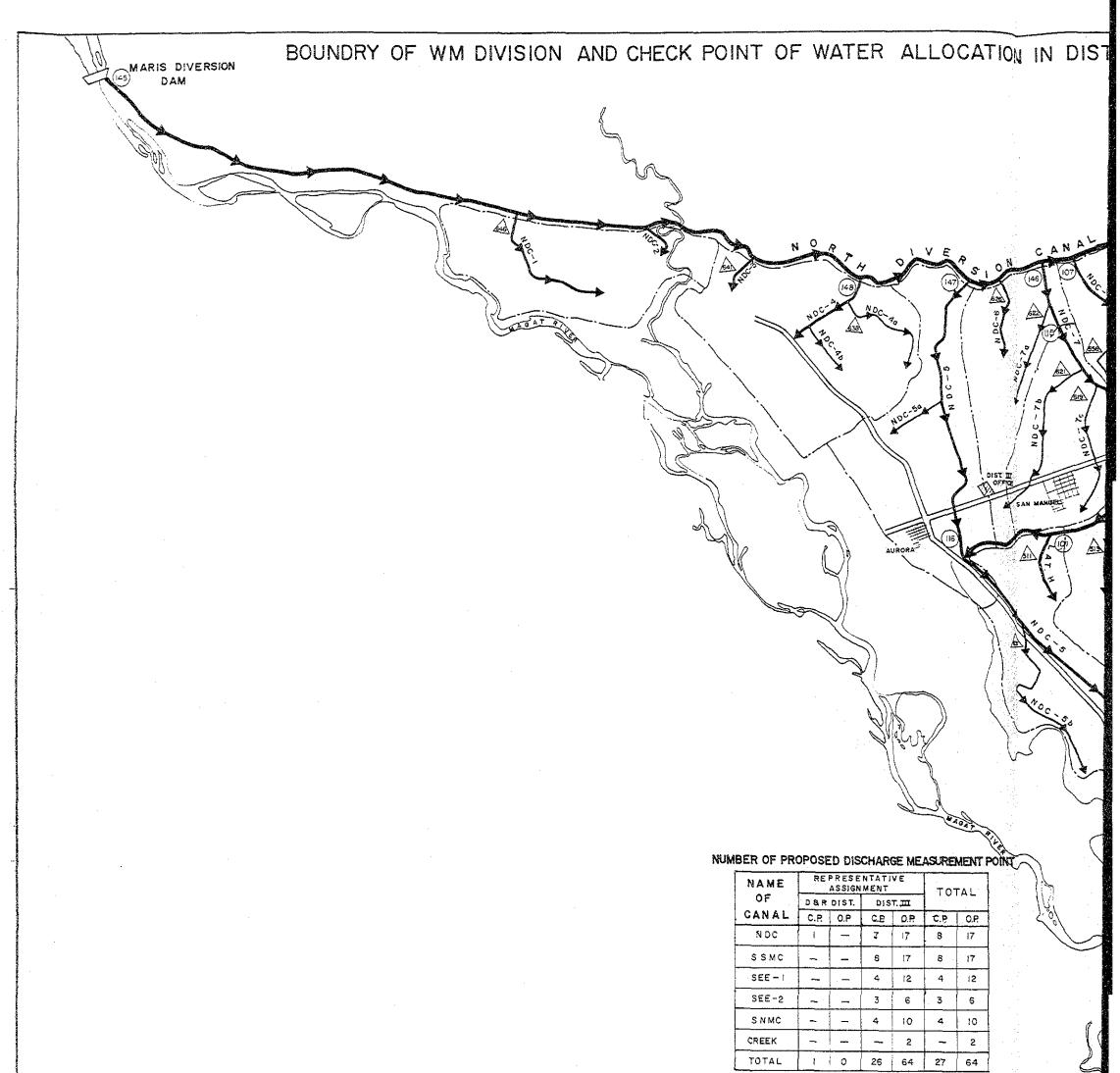
95)

G LATERAL AL ROAD

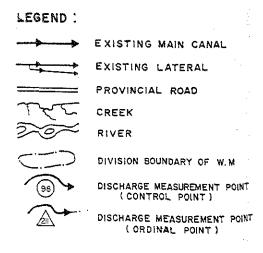
CIAL ROAD

BOUNDARY OF W.M

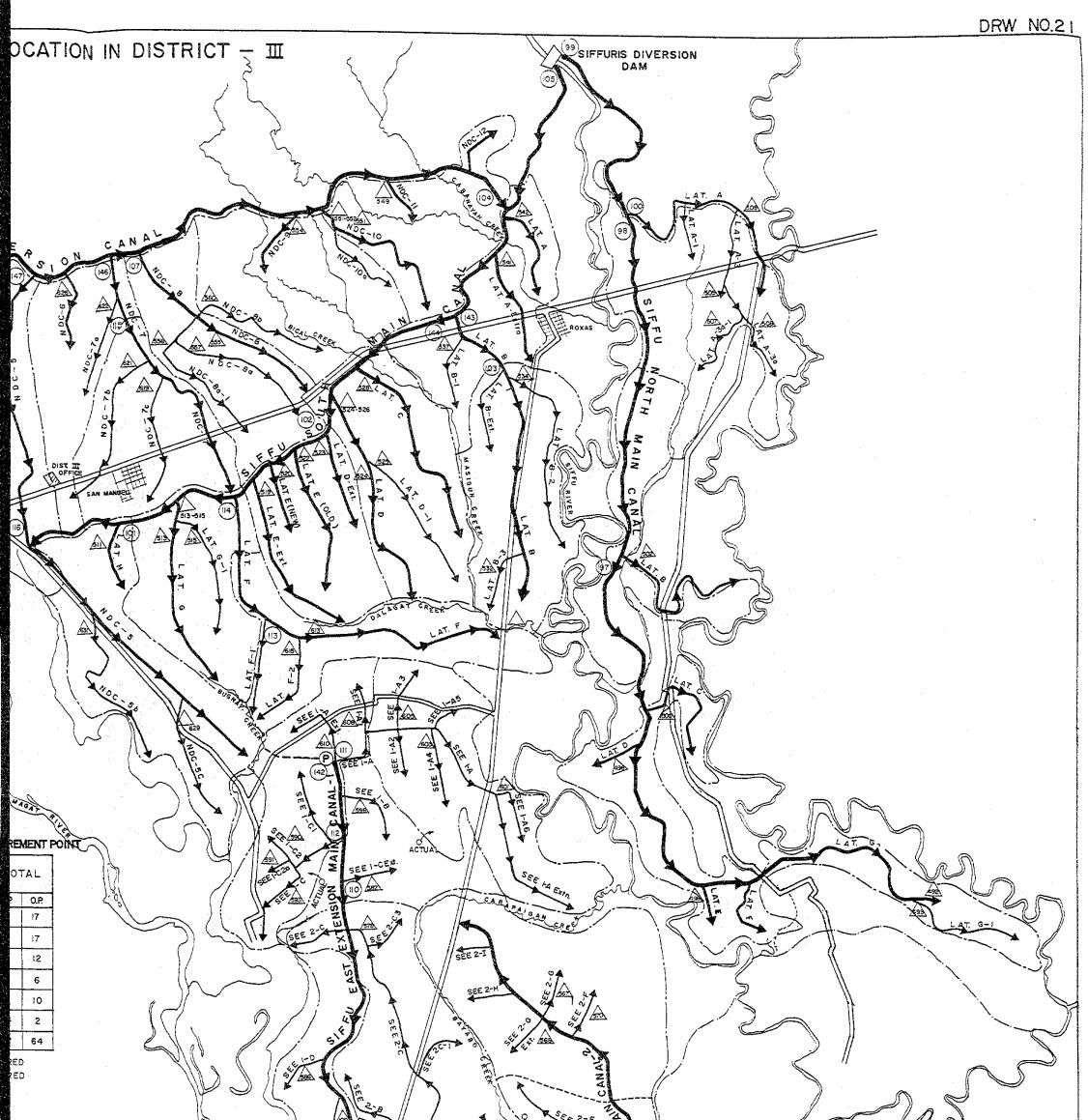




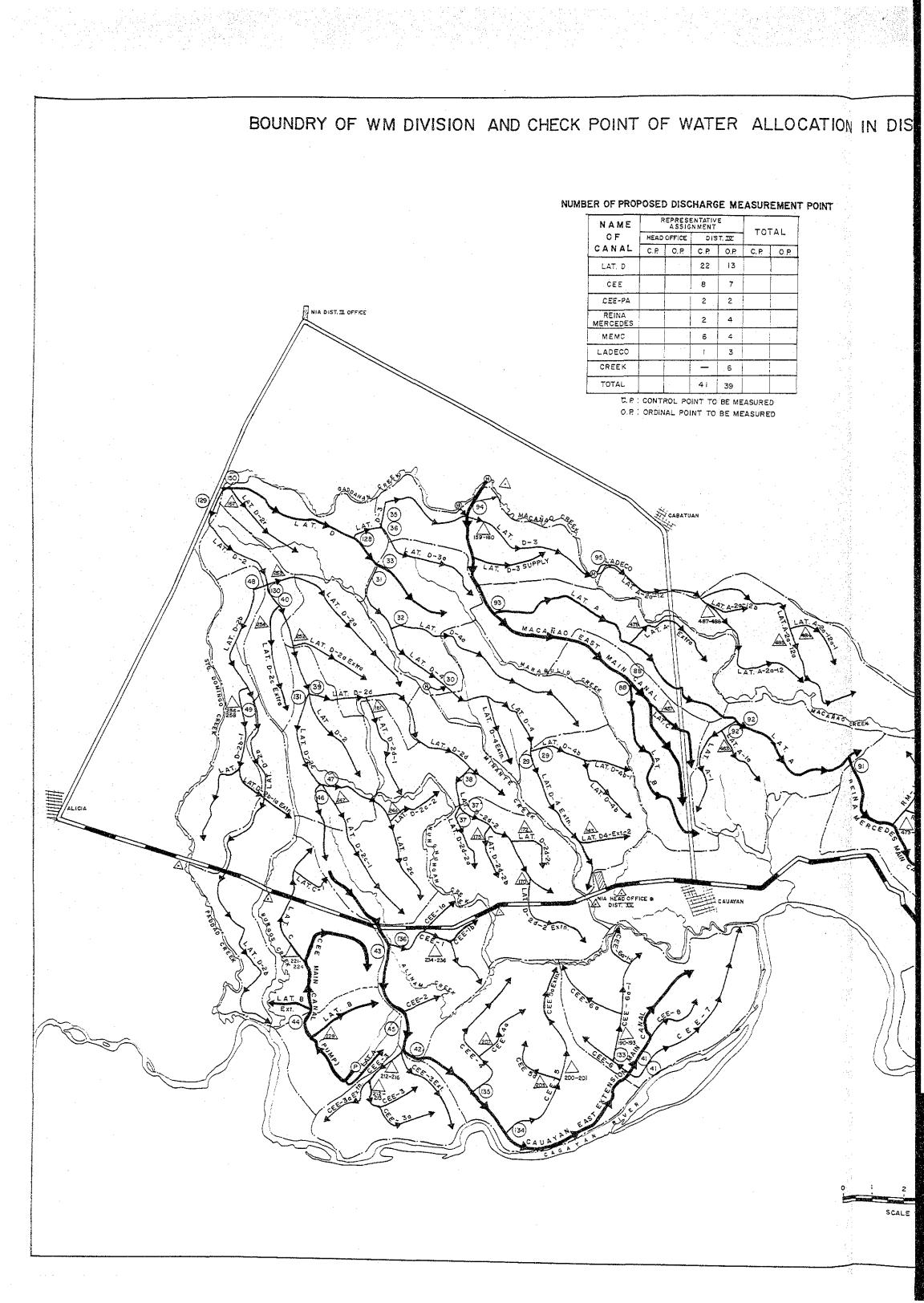
C.P. CONTROL POINT TO BE MEASURED



SCALE



IN CANAL TERAL ROAD	
ARY OF W.M	REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION
SUREMENT POINT	MAGAT RIVER INTEGRATED IRRIGATION SYSTEM
ASUREMENT POINT POINT }	IMPROVEMENT PROJECT OF OPERATION AND MAINTENANCE
0 2 3 4 5 Km. SCALE :50,000	BOUNDARY OF W.M.T (D-III) & CHECK-POINT OF WATER ALLOCATION
	DWG. NO. DATE
	JAPAN INTERNATIONAL COOPERATION AGENCY



CATION IN DISTRICT - IV

NT POINT

LEGEND :

EXISTING MAIN CANAL Existing lateral National road Provincial road Creek

RIVER

(92)

A

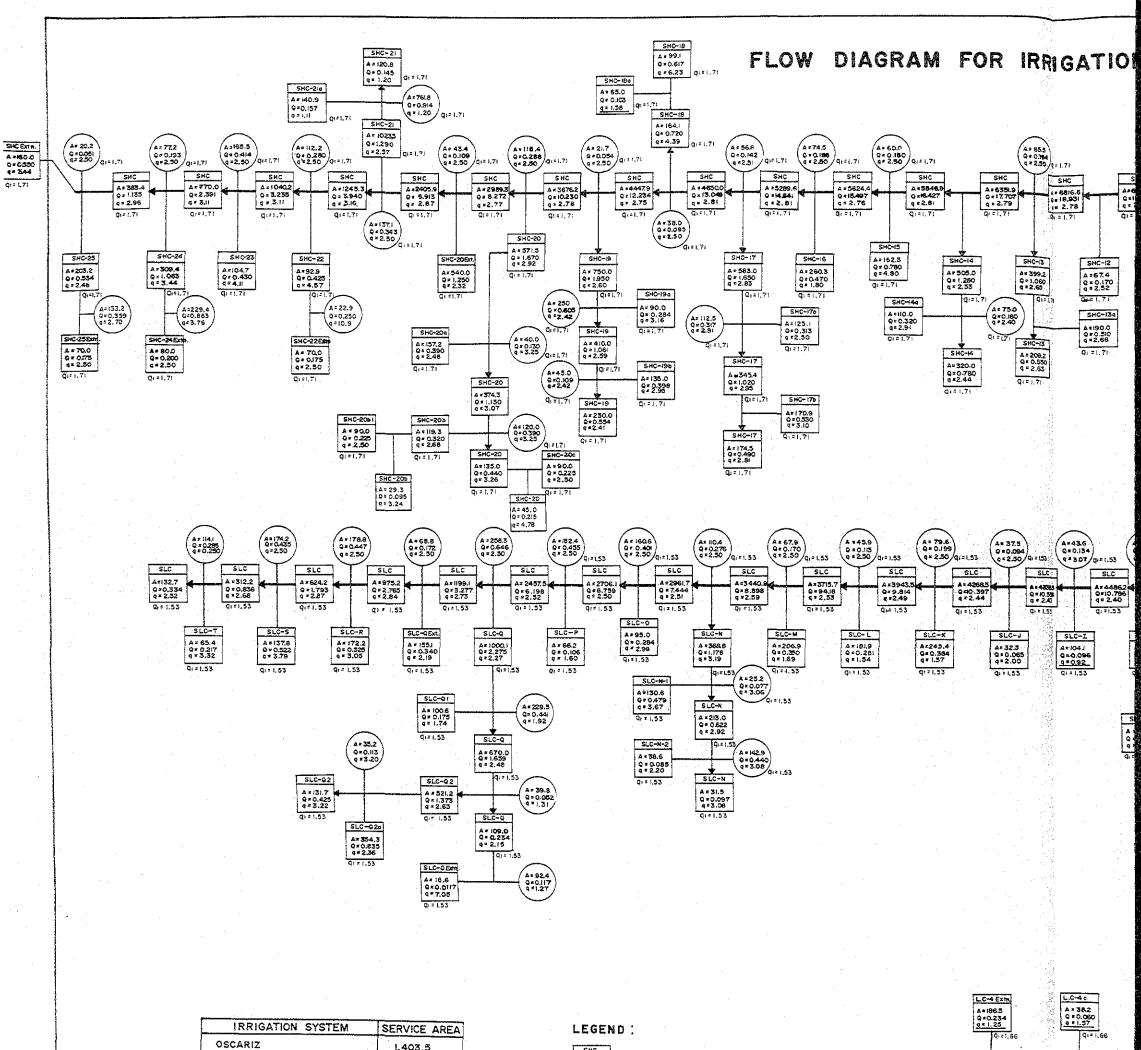
EEM

DIVISION BOUNDARY OF W.M

DISCHARGE MEASUREMENT POINT (CONTROL POINT)

DISCHARGE MEASUREMENT POINT (ORDINAL POINT)

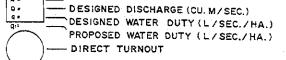
	REPUBLIC OF THE PHILIPPINES NATIONAL IRRIGATION ADMINISTRATION
	MAGAT RIVER INTEGRATED IRRIGATION SYSTEM
	IMPROVEMENT PROJECT OF OPERATION AND MAINTENANCE
0 2 3 4 5 Km. SCALE 1:50,000	BOUNDARY OF W.M.T (D-IV) & CHECK-POINT OF WATER ALLOCATION
	DWG. NO. DATE
	JAPAN INTERNATIONAL COOPERATION AGENCY

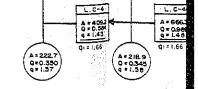


SHC SERVICE AREA (HA.)

SOUTH HIGH CANAL (SHC)	9,580.0
SOUTH LOW CANAL (SLC)	7,920.0
LATERAL C	5,150.4
TOTAL	24,053.9

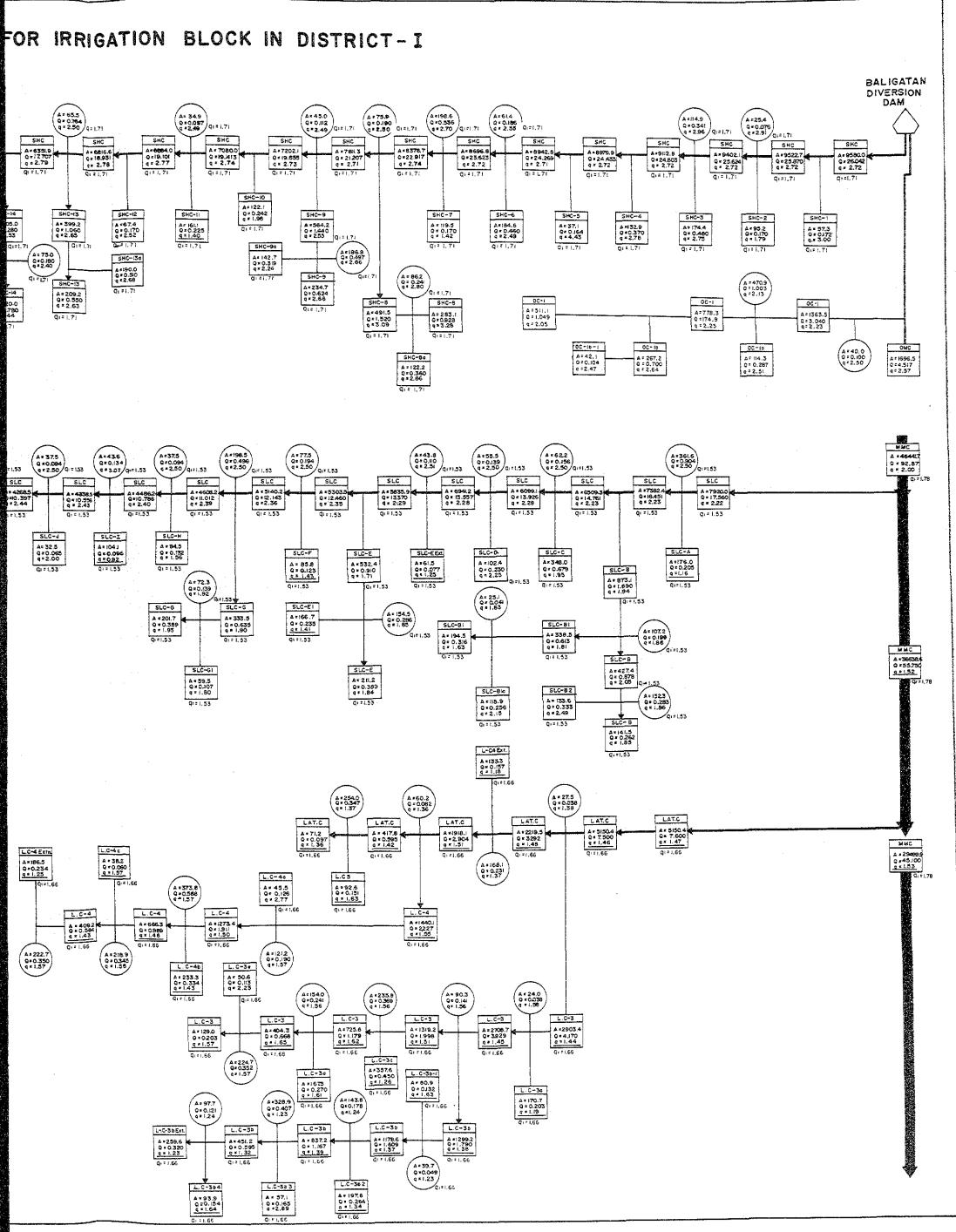
1,403.5

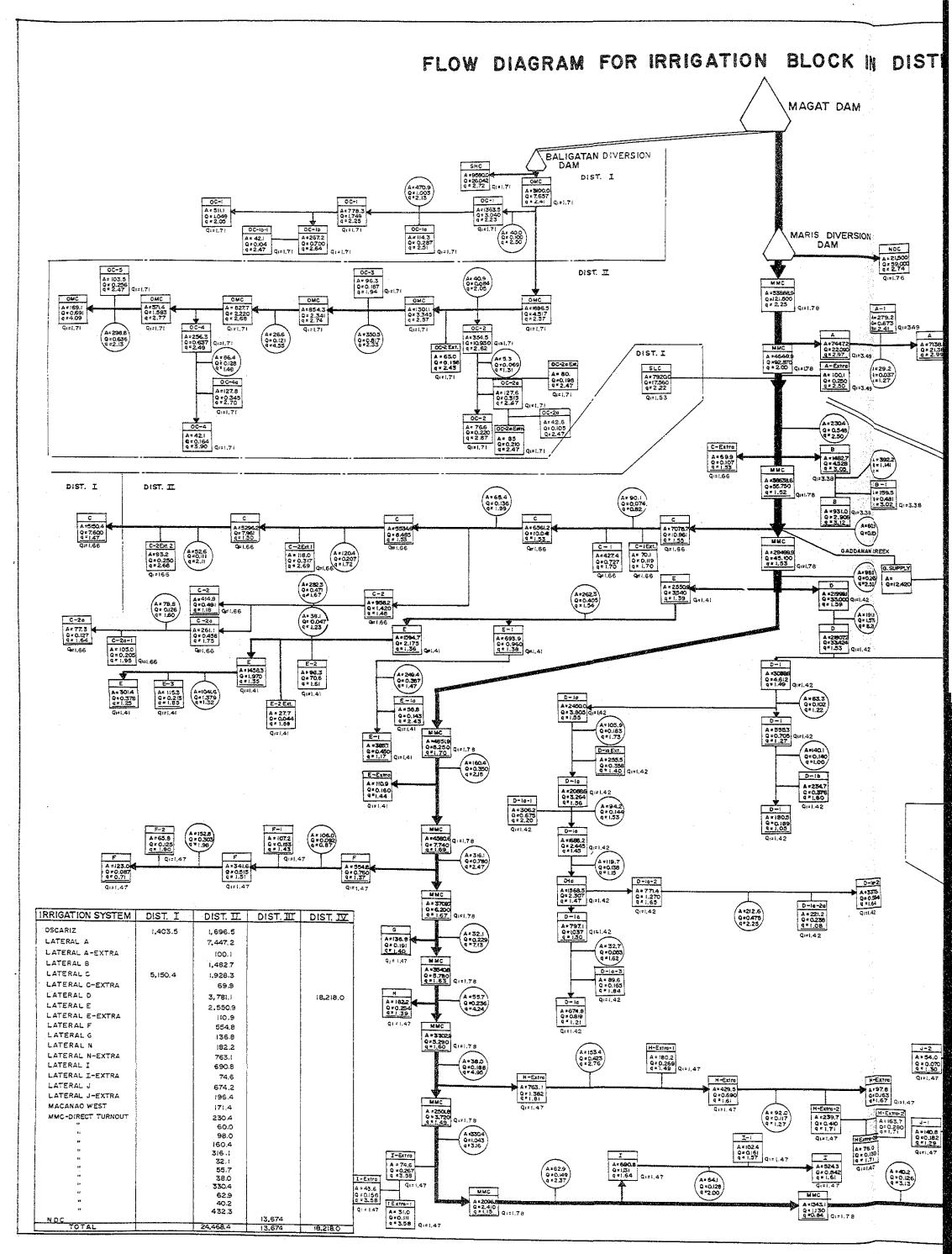


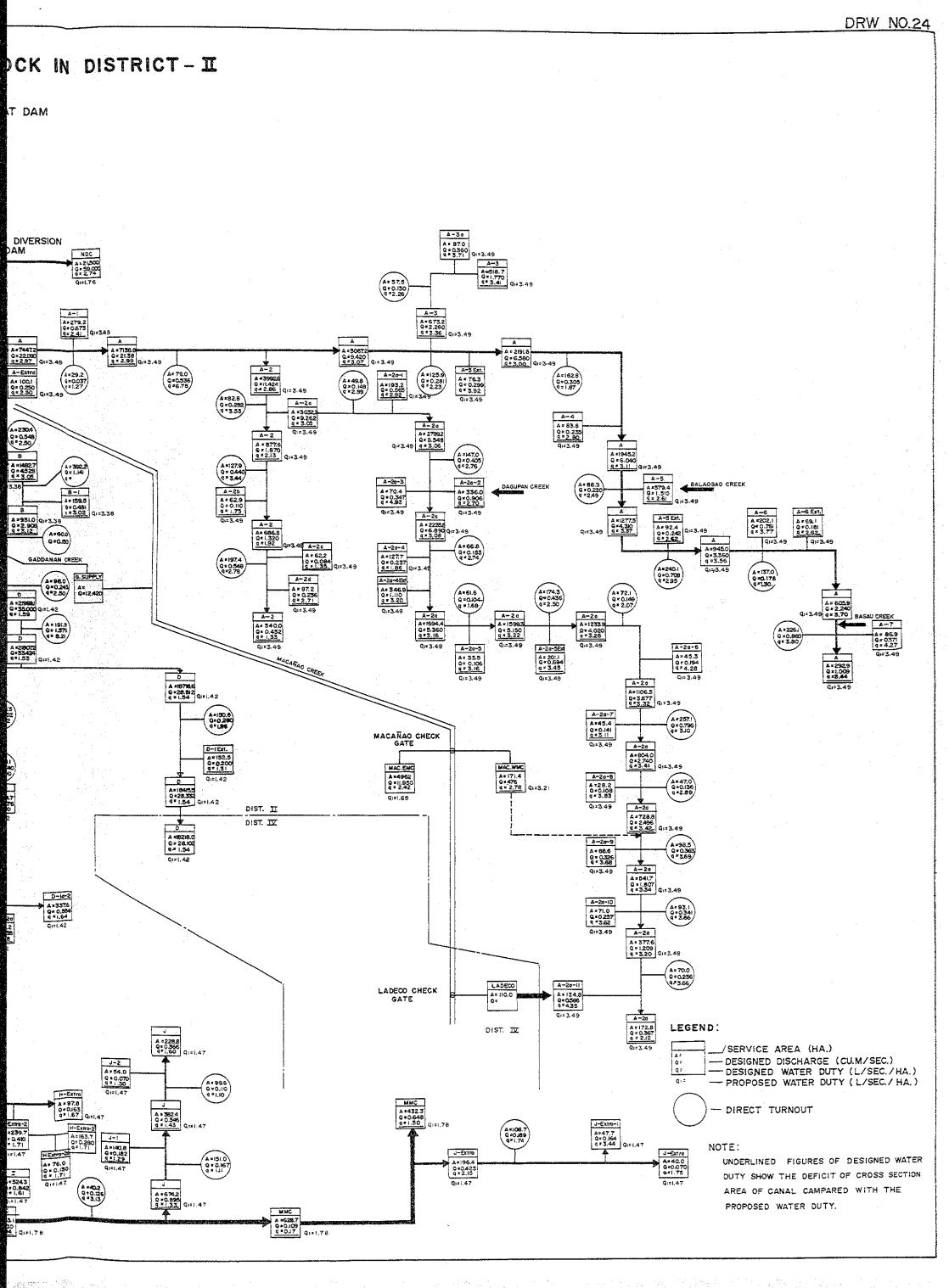


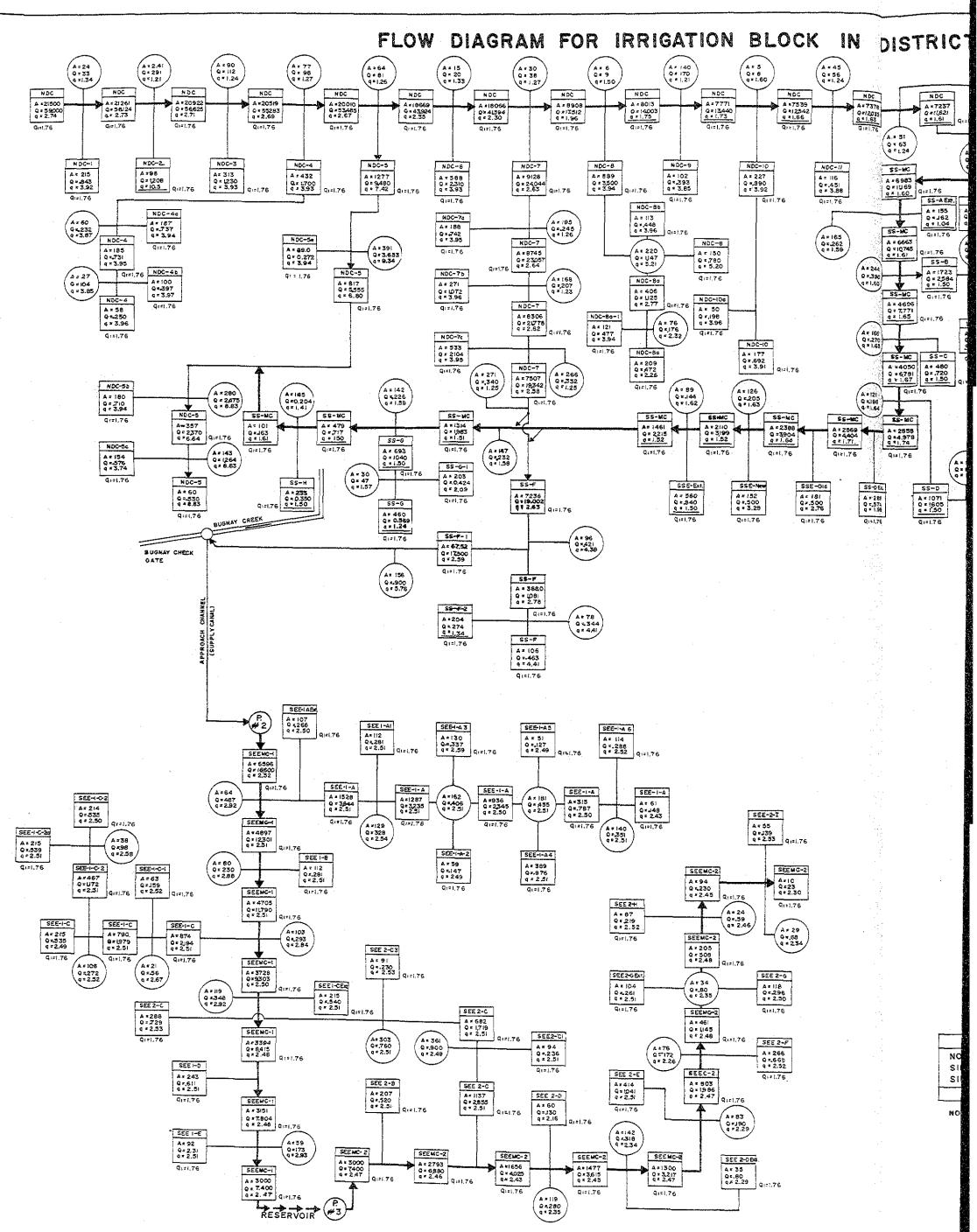
NOTE: UNDERLINED FIGURES OF DESIGNED WATER DUTY SHOW THE DEFICIT OF CROSS SECTION AREA OF CANAL CAMPARED WITH THE PROPOSED WATER DUTY,

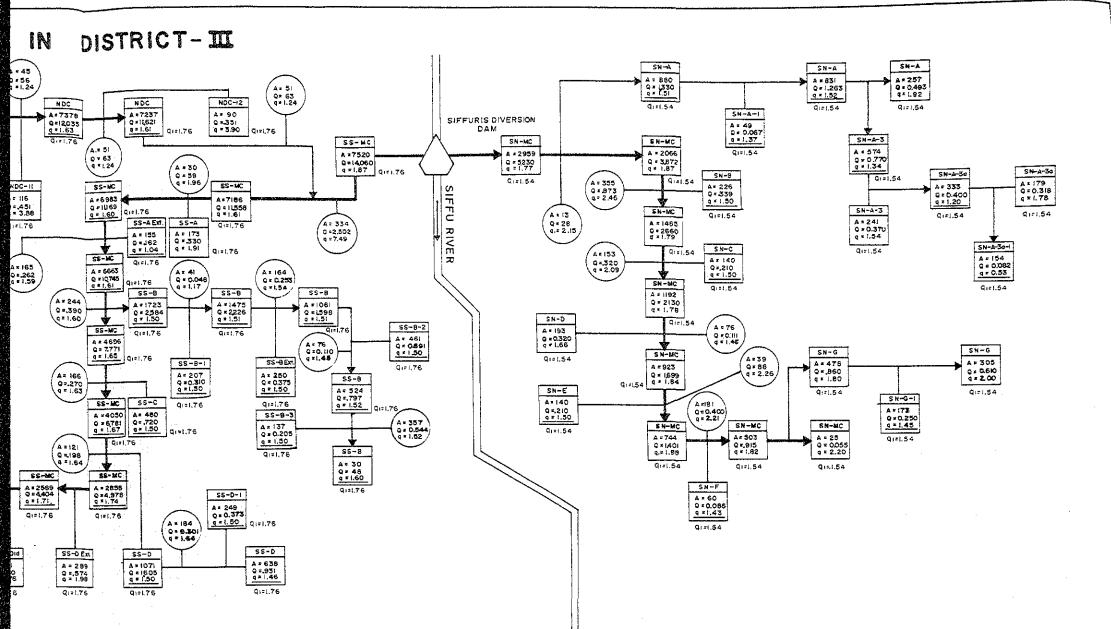
DRW NO.23





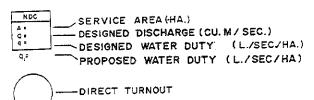




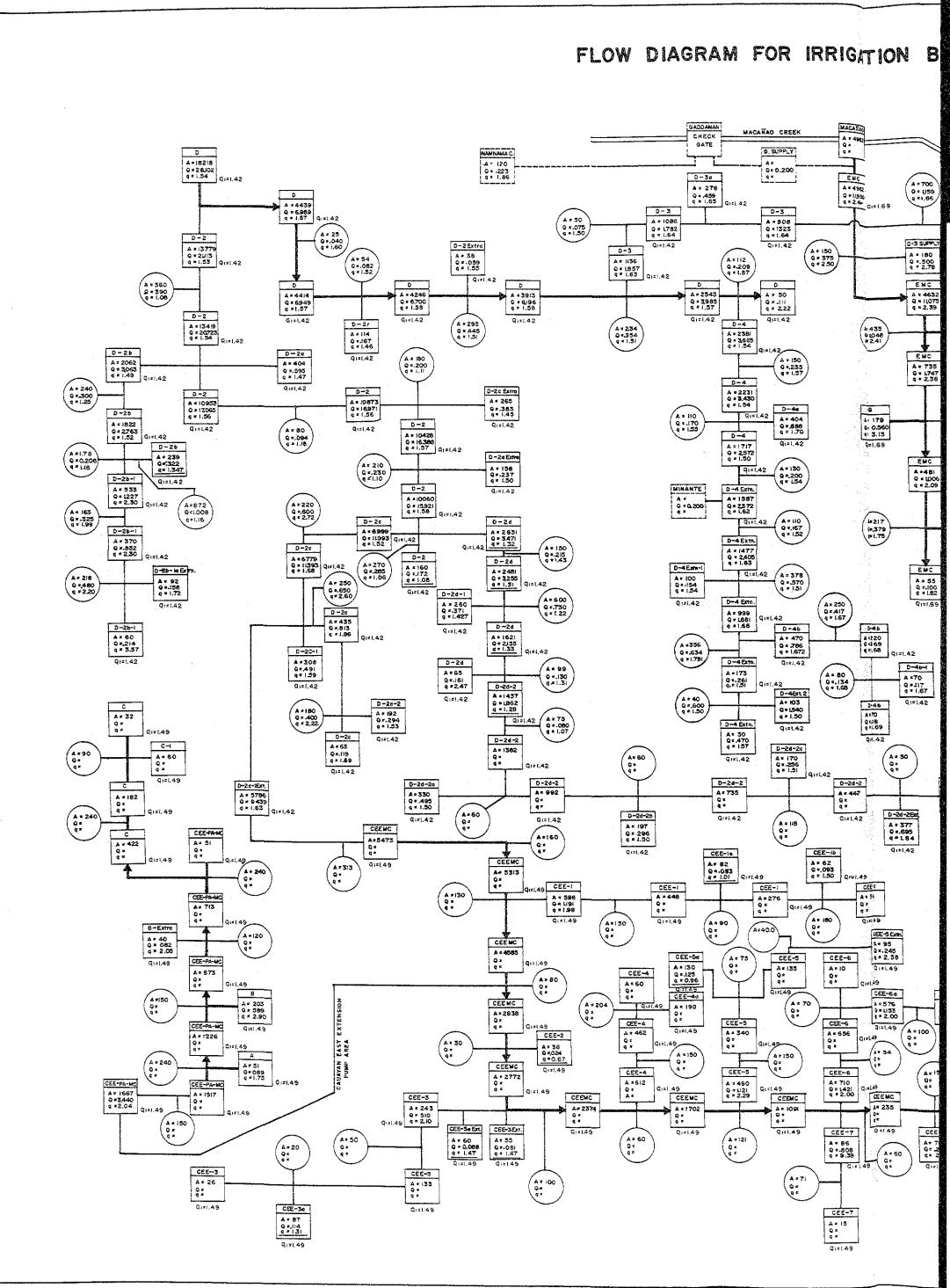


LEGEND :

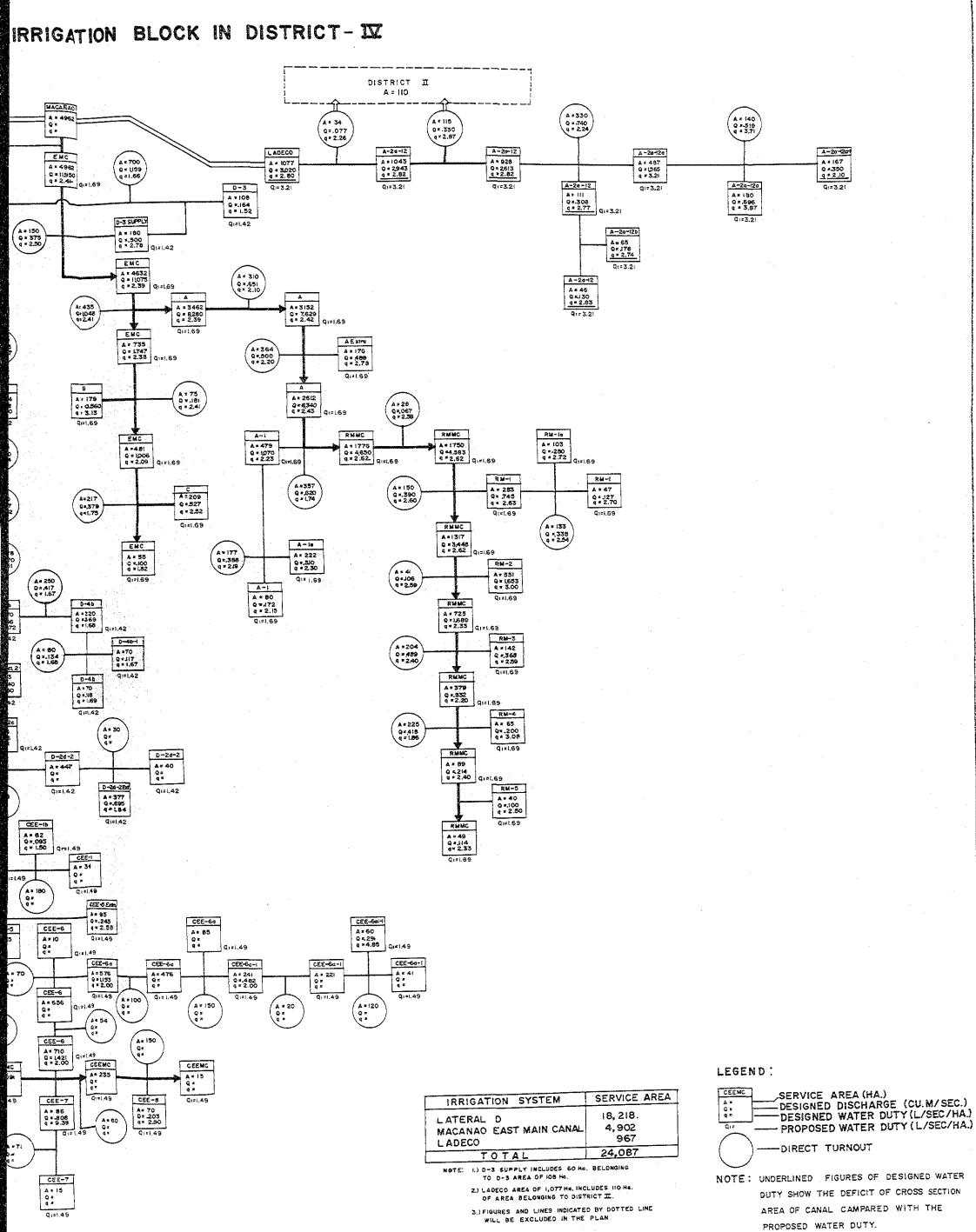
IRRIGATION SYSTEM	SERVICE AREA
NORTH DIVERSION CANAL	14, 314 Has.
SIFFU SOUTH MAIN CANAL	7, 520 Has.
SIFFU NORTH MAIN CANAL	2,959 Has
TOTAL	24,793 Has



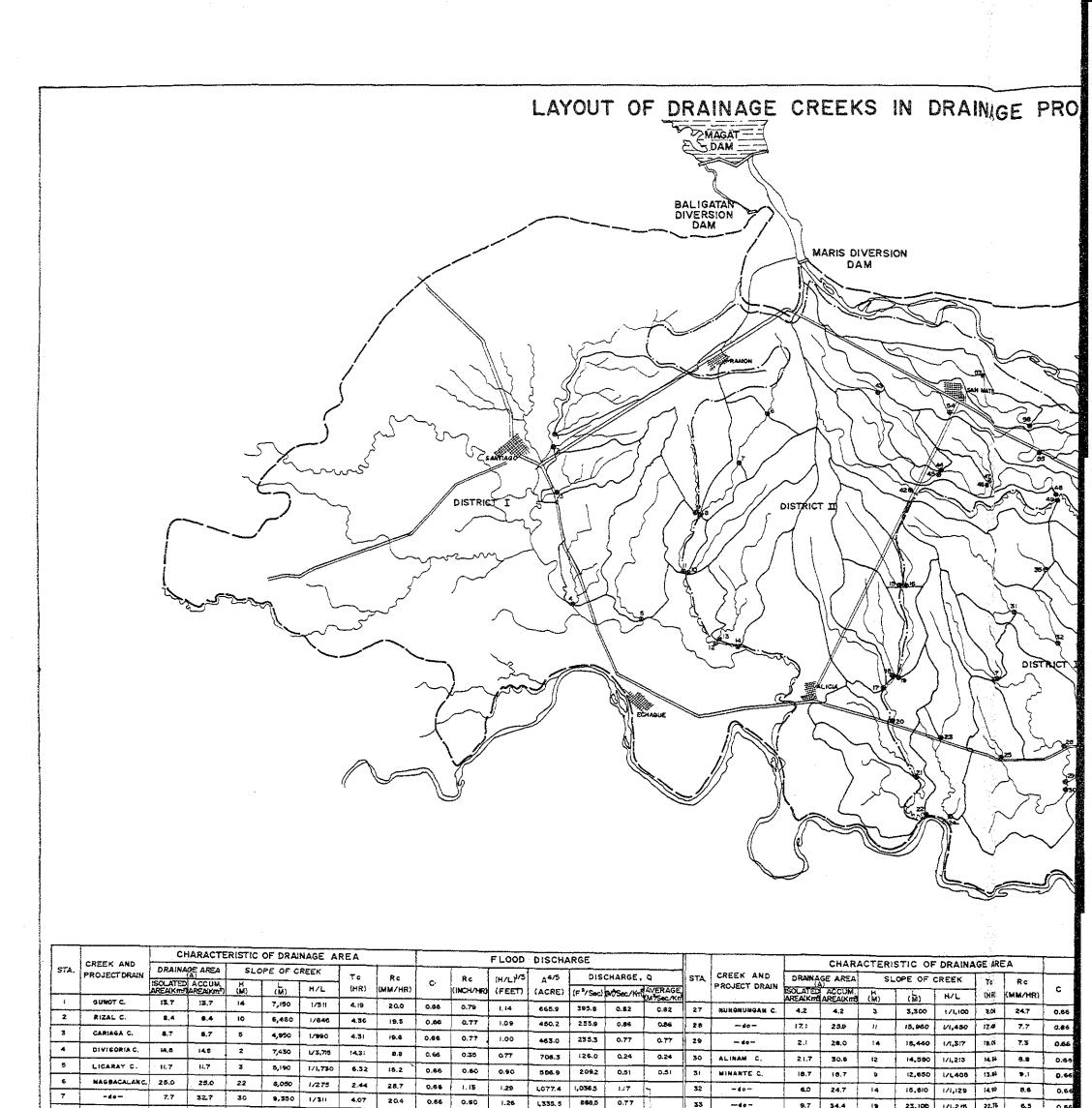
- NOTE: J. AREA OF 7, 186 HA. IS COUNTED IN THE SERVICE AREA OF 21,500 HA. COVERED BY NORTH DIVER-SION CANAL, CONSIDERING THE WATER SHORTAGE OF SIFFU RIVER.
 - 2, WATER BALANCE STUDY OF SIFFU SOUTH WAS MADE FOR THE AREA OF 8160 HA. (7,520 + 640 HA.)
- NOTE: UNDERLINED FIGURES OF DESIGNED WATER DUTY SHOW THE DEFICIT OF CROSS SECTION AREA OF CANAL CAMPARED WITH THE PROPOSED WATER DUTY.



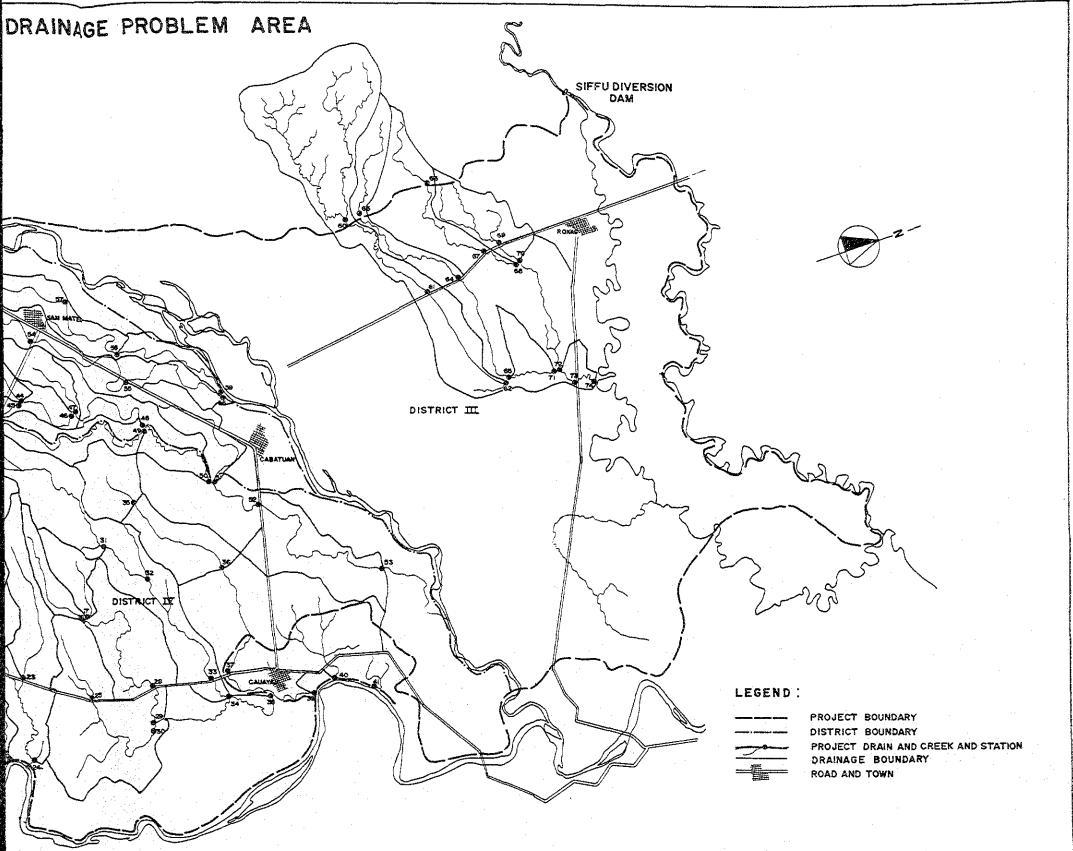
.



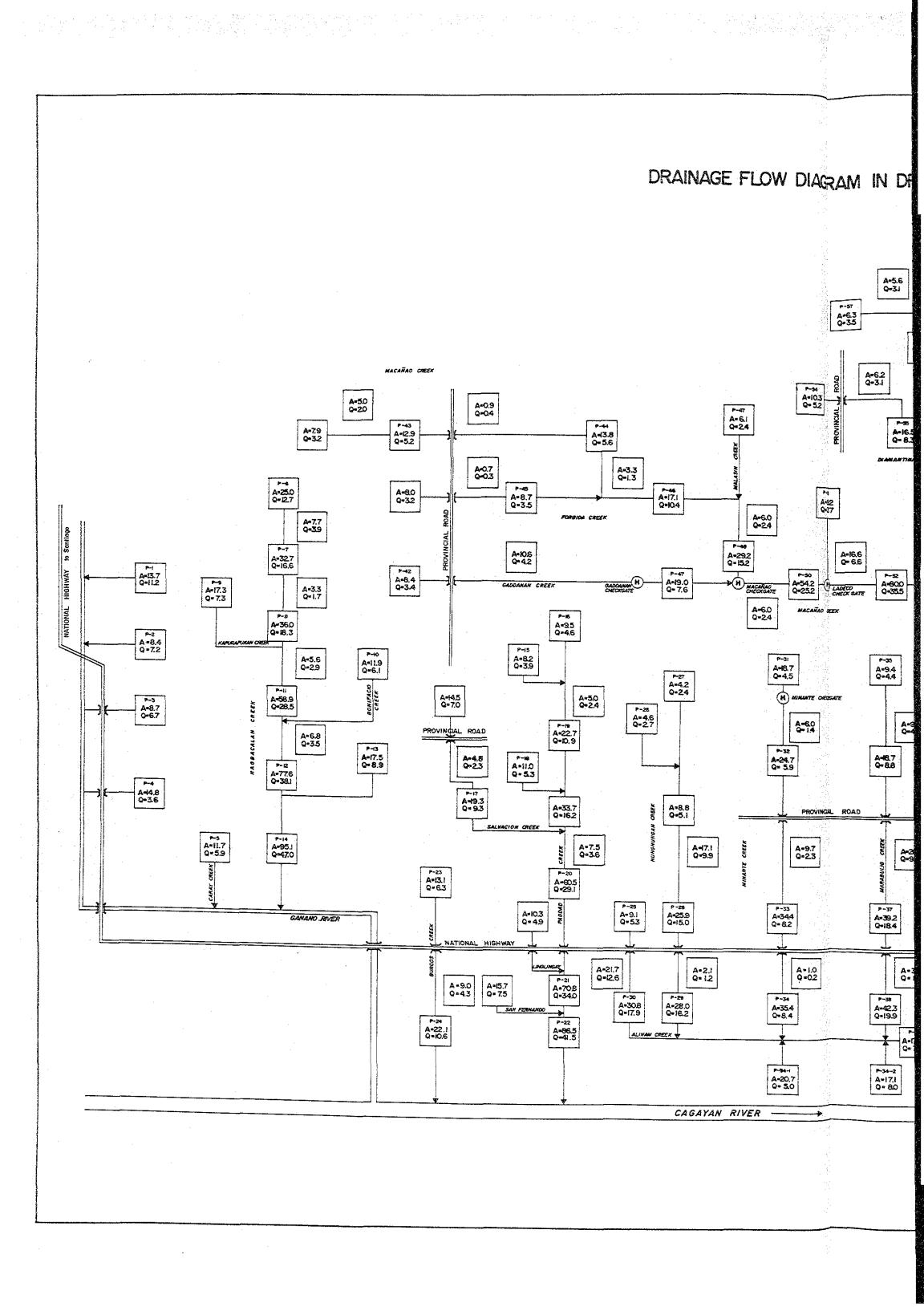
IRRIGATION SYSTEM	SERVICE ARE
LATERAL D MACANAO EAST MAIN CANAL LADECO	18, 218. 4, 902 967
TOTAL	24,087



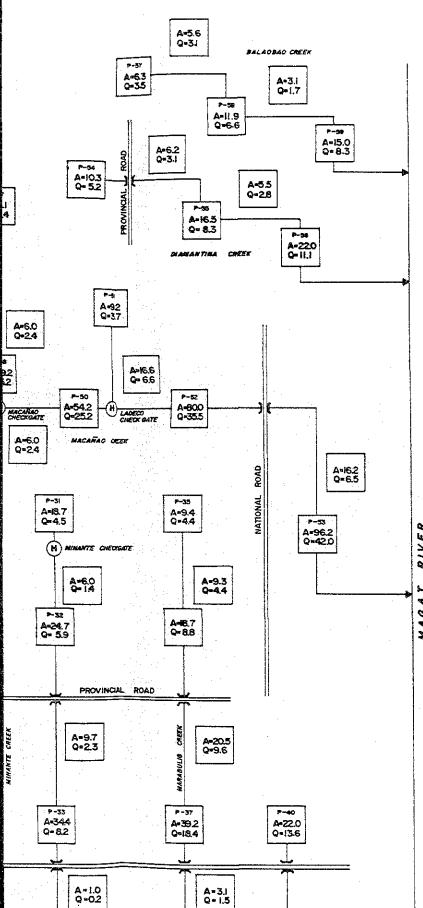
-												9000.0			4 (33		9.7	34,4	139	23,100	1/1,215	22,19	6.5	0.6
	- 40-	3.3	36.0	33	13,480	1/408	6.90	14,3	0.56	0.56	1.20	1,442.3	639.7	0.50	1	34		1,0	35.4	2.5	24.480	1/ 874	10,7B	7.1	0.6
\$	CATURATURAN C.	17.3	17,3	6	8,800	1/1,100	8.17	12,8	0.66	0.50	86.0	802.5	2.59.5	0.43	┢┼───	35	MARABULIS C.	9.4	9.4	4	2,890		2.01	31.9	0.50
ю	BONIFACIO C.	8.9	л. э	7	7,980	121,140	7.58	13.5	0,66	0.53	0.97	094.9	201,9	0.48	-0.51	36	-do-	9.3	16.7						÷
11	NAGBACALAN C.	5.6	58.9	35	17,610	1/503	10.22	11, O	0.66	0.43	t. 15	2,138.5	697.9	0.34		} ⊢−−−−				*	9,080	171,135	8.59	12.4	. 0.60
12	-10-	6.8	77.6	38	23,520	1/619	15.46	6.4	0.66	0.33	1.19	2.656.3	638.8		┣	37	- 40 -	20.5	59.2	13	15,680	1/1,206	35,53	8.4	0.66
13	BANTUG NAGBUKEL C.	;7.5	17.5	6	9,490	1/1,186	9,21	11,6	0.66	0.46		÷	· · · · · · · · · · · · · · · · · · ·	0.23	ļ	38	- do	3.ł	42.3	19	19.120	171,006	16.82	7.9	.0.64
14	MASIRIT C.	<u> </u>	95.1	46	24,760	1/536	14.96				0.97	809.9	238,5	0.39	1	39	MINANTE C.	37.8	174.3	20	22,700	1/1135	21.4	6.7	0.64
1 5	PADDAD C.	\$.2	6.2	10	5,500	1/550	3.37	8,6	0.66	0.34	1.13	3,137.3	795.5	0.24		40	TAGARAN C.	22.0	22.0	8	6,320	1/790	4,81	18.2	0.66
16	- do-	9.5	9.5		4,950	1/450		23.1	0.66	16.0	1.13	441,6	299.7	1.03	7	41	NAPACCU C.	3.)	S . I	2	2,750	1/305	1,18	45.6	0.64
17	SALVACION C	4.6	19.3		10,450		2.69	24.9	0.68	1.08	1.37	498.5	406.6	1, 21		42	GADDANAN C.	6.4	8,4	9	8,800	1/ 978	7.6	13.4	0.6
18	PADDAD C.	11.0	11.0		7.010	1/1.181	10.02	H, 2	0.68	0.44	0.97	675.9	248.7	0.36		43	MACAÑAO C.	12.9	12.8	22	10,312	1/464	5.74	16.2	0.6
19	STO DOMINGO C	5.0	22.7		-	1 /1,168	6.74	14.5	0.66	0.57	0.97	5 58.6	503'8	0.53		44	MACAÑAO C.	Q.3	12'9	23	14,960	1/520	7.08	14,3	0.6
:0	PADDAD C.	7.5	60.5		11,280	1/867	9.08	11.9	0.66	0.47	1.03	997.3	318,6	0.40	-0.45	45	FORBIDA C.	8.7	8.7	5	7,420	1/1,235	7 39	13.7	0.6
	· · · · · · · · · · · · · · · · · · ·		⊨}	61	14,440	1/802	11.05	10.5	0.66	₽. # i	1.05	2.184.9	620.5	0.29	1	46	MACAÑAO C.	3.3	17.1	3;	15,810	1/510	9.25	11.8	0.6
21	LINGLINGAY C.	10.3	70.8	16	17, 740	1/985	15,41	8,4	0.66	0.33	1.00	2,477.7	539.6	0.2.2	1	47	MALASIN C.	5.1	6.1	11	5,230	1/475	12.37	\$.7	0.6
22	do	15.7	86.5	22	23,370	1/1,06Z	21.24	6.8	0.66	0.27	0.99	2.908.2	543.1	0.17	┠-┝	46	MACANAO C.								
23	BURGOS C.	13,3	13.1	7	9,210	1/1,318	9.52	11.6	0.66	0.46	0.95	\$ 42.4	185.5	0.40	<u> </u>	49	GADDANAN C	6.0	29.2	17	22,690	1/1,334	23.44	6.3	0.6
2-6	de	9.0	22,1	10	15,840	1/1,584	18.29	7.5	0.66	0.30	0.91	976.2	175,9	0.23	<u> </u>	1		10.6	19.0	26	21, 310	1/820	18.57	8.0	0.6
:5	ALIXAM C.	9.1	9.1	7	4,400	1/629	2,92	25.5	0.86	1.00	t,10	480.0				50	- 40 -	6.0	54.2	45	28,850	1/64:	18.40	7.2	0.6
26	NUNGNUNGAN C.	4.6	4.6	5	6,330	1/1,266	6.39	15.1	0.56	0.58		+	349.5	1.08		51	U9800 C.	9.2	9.2	н	6,650	1/787	100	14.8	Q.6
			<u> </u>	····	, ,				0.00	0.58	0.95	276.1	102,9	0.63] [52	MACANAO C.	16.6	80.0	48	32,590	1/678	22.84	6.3	0.0



DF	RAINAG	SE ARE	A	1		FLOO	DD DISC	HARGE		1				CHARA	CTERIS	TICOFD	RAINAG	E ARE	۵.			FLOO	D DISCI	IARGE		
	REEK		r		1	(HUL 11/5	A 4/5		ARGE		STA.	CREEK AND	DRAIN	AGE AREA		OPE OF CI	1			·	Rc	(H/L)1/5	A4/5	DISCH	ARGE	2.
Ť	H/L	TC (HR)	Rc (MM/HR)	c	RC KINCH/HR	A FEET	(ACRE)			AVERAGE	3 . A.	PROJECT DRAIN	L	ACCUM		(4)	HZ	Tc (HR)	Rc (MM/HR)	C	KINCHMRJ			(F ³ /Sec)	wsecre	AVERA
	1/1.100	3.06	24.7	0.86	0.07	0.98	258.6	162.2	1.09	- 0.58	153	MACANAO C.	16.2	96.2	49	44,000	1/0845	36.15	4.8	0.65	0.19	1.02	5, 168.3	405.0	0.12]
	1/1,450	17.49	7.7	0.66	0.30	0.93	L108.3	204.1	0.22		54	DIAMANTINA C.	10.3	103	5	4,950	1/619	3 25	23.7	0.65	0.93	1.10	530.0	\$57.6	0.96]
0	17.317	19.06	7.3	0.55	0.29	0.95	د. ۱ ۲۹ .6	214.5	0.22		55	- do	8.2	16.5	16	12,100	1/756	6.97	12.0	0.66	0.47	1.06	366.7	120.5	0.2:	-0.50
0	1/1.215	14.36	8.8	0.86	0.35	0.96	1,273.1	282.3	0.26	╏─────	56	- 40 -	5.5	22.0	25	19,110	1/784	74.25	8.5	0.68	0.35	1.96	972.8	230.2	18.0	1
0	1/1405	13.60	91	0.66	0.34	0.95	654.1	183.5	C. 28		57	BALAOBAO C.	6.3	6.3	6	5,750	1/722	4.17	20.1	0.66	0.79	1.07	357.7	119,6	•20	٦
0	1/1,129	14.90	8.6	0.86	0.34	0.96	4067.0	284. 6	0.27	10.24	56	- 40	5.6	н,9	16	12,380	1/774	9.30	11.7	30.96	0.46	1.95	594.9	189.6	0.45	-0.55
Ð	1/1,215	22.75	6.5	0.66	0.26	0.95	1,390.8	229.1	91.0		59	- 60 -	2.1	15.0	20	17,610	1/880	14.30	B.C	0.66	0.35	: 03	715.9	:70.3	0.32	
e l	1/674	19.79	+	0.66	0,28	1.03	1,423.1	270.9	0.22		60	MAPAPI C.	52.3	32.3	2 08	10,730	1/52	1.58	38.5	0,55	1.82	1,81	1,322.8	2.001.2	1.75	<u>].</u>
ю.	1/722	2.08	31.9	0.56	1.26	1.07	492.6	4 38.3	182		51	NDC PD #*5	5.4	57.7	234	19,260	1/82	3.77	21.5	0.86	0.65	1.65	1,496.3	1385,2	1.04	
80	1/1,135	8.59	12.4	0.66	0.49	0.97	854.1	2 67.9	0.41	┼┼────┥	82	PD ##1.7	10.3	48.0	25!	25,580	1/102	5.69	16.3	0.65	0.64	1.58	1,815.6	12 11.7	0.7:	
50	1/1,205	15.38	8.4	0.66	0.33	0.96	1.543.9	\$22.8	0.23	-9.47	63	VILLANUEVAC.	3.5	3.8	50	5,780	1/26	1.24	45.	0.55	1.78	1.60	238.7	373.9	2.78	
	1/1,006	16.02	7.9	0.56		1.90	1,640.9	335.7	9.23	+	84	PD ##5	3.9	7.7	84	(3,620	1/145	3.75	21.5	0.66	0.85	. 1.47	419.9	293.8	4.08	<u> </u>
×	1/1:35	21.46	\$ 7	0.66	0.28	0.97	5,093.9	847.9	0.14		65	- 60	6.3	14.0	111	19,400	1/175	5.97	15.6	0.66	0.62	1,41	677.5	390.9	0.79	<u> </u>
.0	1/790	4.81	18.2	0.66	0.72	1.05	972.6	465.3	0.62	0.62	66	BICAL C.	3.3	3.3	109	4,610	1/44	6.48	15.0	0.55	0.59	1.87	213.2	129.3	1,51	- 0.98
ю	1/305	1,18	45.6	0.66	-+	1.27	202.8	304,3	2.78	2.73	87	NOC PD J# 9	14.2	17.5	141	11,410	1/81	2.23	30.6	0,66	l. 20	1.65	802.9	1058.4	1.71	<u> </u>
20	1/978	7.61	13.4./	0.66	_ <u>_</u>	· · · · · · · · · · · · · · · · · · ·	450.2	157.4	0.53		68	- do -	0.5	18.3	146	13,340	1,791	2 78	26.3	0,56	1.04	1.62	839.4	933.4	1.44	
12	1/464	5.74	16.2	0.66	0.84	1.17	634.6	3:3.6	0.68	+	69	NOC PD-## 10	9.0	9.0	27	5,780	1/214	2.01	32.7	0,56	1.29	1.36	475.8	550.9	1.73	<u> </u>
0	1/320	7.08	14.1.	0.66		1,14	669.8	292.2	0.58		70	- do-	1,6	10.6	29	7,430	1/256	2.87	25.7	0.65	1.01	1.31	542.3	473.6	1,26	<u> </u>
20	1/4,236	7.59	13.7	0.66	0.54	0.96	463.0	196.4	0.5 2	1	71	P0 - 12 - 7	6,1	1.83	252	29,020	17115	6.95	14.3	0,65	0.56	1.54	2,401.8	4367.4	0.57	<u> </u>
10	1/510	9.25	1.8	0.66	0.48	t.14	795.)	275.2	0.46	1	72	PD ## 3	17.0	45.9	134	20,220	17131	5.24	17.2	0.66	0.68	1.50	1,751.7		0,75	
30	1/475	12.37	9.7	0.66	0.35	1.16	348.6	101.4	0.47		73	NASIGUN C.	0.8	114,8	154	30,530	1/198	10.13	11.1	0.66	0.44	1.38	3,647.3	<u>+</u>	0.36	
90	1/1.334	23.84	6.3	0.68	0.25	0.94	1,2/2.9	189.2	0.16	- 0.40	74	do	0.7	118.5	154	32,180	1/209	11.02	10.5	0.56	0,41	1.37	3,665.	1358.7	0.33	<u> </u>
10.	1/820	18.57	0.6	0.66	0.31	1.04	665.0	[84.]	0.28		NO	·								· .						
20	1/641	18.40	7.2	0.66	0.28	1.09	2,000.9	403.1	0.21	1		A - DRAIN							INTENSIT						LOUENCT	
80	1/787	6.57	14.0	0.64	0.58	1.05	484.2	194.6	0.60		1	H - FALL	OF MAI	N DRAINA	GE CRE	EKS BEEKS				F						
	1/675	22.84	6.5	0.64	0.26	1.018	2,732.1	\$06.3	910	╺┼┅┤╌┅╼┉╼┉	1	L – LENGI To – TIME				1 1 ye la 1 1 a		IO INCLUS	IVE OF RUN	- I-OFF DIS	CHARGE FF	ROM MOUNT	TENEOUS A	rea (no.6	50,63, ANE)6 <u>6</u>)



FLOW DIAGRAM IN DRAINAGE PROBLEM AREA



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