

Location	Aroa, f	han	Location Area, f Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	Mar	Apr	May	unf	Jul	Aug	Sap	Ö	Nov	800	Annual	Romarks
Downstream															
After MPS	. !		•			4	0	400	1	000	1001	101	107	7AC 7AC	
Mixing	39,055	14,625	18,003	18,618	10,573	10,138	D (0)	200	# (7) P#	7 5 6 7 5 7 5 7 5	170',	16'	<b>t</b> è	102,102	
Drainage only	3250	121	1493	N N		<u>a</u>	02175 77.75			704.7	72	3	્રે ફે	75.150	
Drainere (Mixed)	8600	77-77	707			7	065 o			7777	7	765	196	11.0670	
El Mansour	45,700	17,114	21,067	21,788	12,372	200,	R27'5	00.70 00.70 00.70	01.770	000,47	9	477.8	60.10	515,010	
Before MPS	•	•	<	•	•	•	c	c	C	c	•	c	C	C	
Fresh	0	<b>S</b>	<b>)</b>	<b>&gt;</b> •	>	•	<b>&gt;</b> (	•	•	> (	<b>&gt;</b> (	> 0	•	• •	
Drainage (Mixed)	O.	0	0	Ö	0	7	Ö	0	Ô	<i>7</i>	<b>3</b>	X	2	>[3	
Total of D.S.(Drainage)	2820	3,689	4.541	4 696	2667	2.557	9.546	12752	12.453	7.536	1.974	2010	7.87	78576	
Total of D.S.(Ex. Drainage)	84,755	31,739	39,070	40,404	22,945	22,002	82,138	109,725	107,149	64,848	16,986	17,299	25,573	579,377	
Total of D.S.	94,605	35,428	43,611	45,099	25,611	24,559	91,684	122,476	119,602	72,384	18,960	19,309	28,545	647.269	
Midstream															
Trans.	64.380	23 583	29.418	29,709	17.417	17.778	55.487	76,597	77,209	47.771	13,256	13,248	18,721	420,173	
m (Missel)	4 700	1 721	2140	02:6	1272	1 208	4052	5 504	5.638	3.489	896	296	1,367	30,684	
CLOSING CONTRACTO	3,7			1000	02.0	3000	00361	10.048	10001	11.036	2047	2078	4 270	92000	
Total (Urannako)	3000	200	0.00%	0.502	77.77	77	2	3 3 3 3	73.57	77007		7 6			
Fotal (Ex. Drainage)	149,115	55,302	68,489	70,112	40,362	38,7,8	37.020		800° 40	610.71	30,24	10.00	7	2000	
Total (+0.7 or 0.5*D)	154,765	58,237	72,122	73,833	42,503	41,886			191,350	116,838	31,387	32,167	46.644	1,053,138	
Total	163,665	60,711	75,177	76,97	44,301	43,633	151,223	204,668	202,450	123,644	33,194	33,525	48,633	1,098,125	
Table F.14.57 Crooping Pattern 200% Water Requirement in '000 CUM based on Modified Penman Method (Canal; Raiah Bilgas, Downstream±Midstream)	rn 200% Way	ter Requir	ement in 'C	XXX CUM B	M no best	odified Per	man Meth	od (Canal:	Raiah Bilo	as, Downs	tream+Mic	(stream)			.; !
Location	Area, f	ra La	Feb	Mar	Apr	May	Unn	Jul	Aug	Sep	Oet	Nov	Dec	Annual	Remerks
Downstream															
Estab												,	,	;	
Drainage only	11.420	4277	5.264	244	3092	2365	11.067	14794	14.437	8.738	2.289	2331	3446	78.133	
Fresh	18,981	7,108	8,750	900	5,139	4,927	18,395	24,573	23,996	14,523	8,8 4,8	3,874	5,727	129.854	
											1	•	1	4	
Drainage only	23.980	8.080	11.054	11.431	6492	6.225	23.240	31045	30316	18.348	4 806	4.894	7.232	704.000	
Fresh	11,621	4.352	5,357	5,540	3,146	3.017	11.262	15,045	14,692	8,891	2,329	2,372	3,506	ROC'A/	
Total of El Nilo (Drainage)	35.400	13.257	16.319	10.876	8,583	8180	34.307	45.829	44.75	27.085	7095	(7)	10001	7.42.700	
Total of El Nila (Ex. Drain)	30,602	11,460	14,107	14,588	8,285	7,944	29.657	39,613	38,688	23,414	6,133	6,246	9,233	2/2/802	
Total of El Nile	66,002	24 717	30,425	31,484	17,868	17.134	63,984	85,447	83,441	50.500	13,228	13,471	19,915	451,573	
B. Hafir Shehab	6,700	2,509	3,089	3,194	1,814	1 739	6,493	8,674	8,470	5,126	25.	1,367	2,022	45,840	
otal of D.S. (Drainage)	35400	13.257	16.318	16.876	9.283	87.80	34.307	45.829	27.52	27.085	2085	7.525	19901	242.200	
Fotal of D.S. (Ex. Oranage)	37,302	13,969	17,195	17.782	10,098	9,633	36,150	48,291	47,158	28,541	7,476	7,613	502,11	255,213	
Total of D.S.	72,702	27 226	33.514	34.658	19,682	18,873	70,457	94,121	91,912	55,628	14,570	14,838	21,935	7-4-28	
Downstream	18,161	6,901	8,372	8,658	4,917	4.714	17,600	23,511	22,960	13,895	3,640	3,707	5.480	124,254	
Midstream		. •		•		,	1			,	,	•	900	0.00	
B. Hafir Shehab	6,620	2,424	3,026	3,056	1,792	1.828	5,707	6/8/	7.947	4.814	202.	1,303	0 20 0	812.54	
Total of B. Hafir (Drainage)	25 400 25	13.252	76.278	979797	828	0878	705.75	45,629	2 2	77.082			10001	100 CCC	
TOTAL OF DE CONTROL (CX. CTBD)	04.083	76.18	2000	28,480 40,480	00000	077,07	0 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	79.007	0,007	17.00	P ( 1 0 )	200,00	20,000	884.885	
OCER OF D. CARTIE	20,483	20.00	718,44	40.57	20.280	40.4	86.700 4000	110,021	122,013	41.40	3,0,0	9.900	20,00	03,000	
Karan Cilqas	547.4. 547.4.	9776		7,0,0	0000	0 CO	467,21	7000	200,7	0.00	7,45 0,00 0,00 0,00	200	f :	0.00	
	0/8/2	3	ACY'/ 1	120,71	0/7/0	9 6 6	34./44	40. Ct	0000	20.104	770'	0,0,0	,	20, 175	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Total of M.S.	58.846	21.544	26,898	27,164	15,925	16,253	50,733	70,035	/0,584	43.578	12,120	12,113	/://	C/ - (#35)	
Total (Drainage)	35.400	13.257	16319	16.870	8.503	8 190	74 307	45.828	4	77.085	7,095		70,007	707.747	
Total (Ex. Oranage)	114,300	42,314	52,465	53,603	30,940	30,651	104.483	352,141	140,712	20,114	23,235	55,452	0000	240,007	
lotal (+0.7 or 0.5*D)	132,009	51,594	63,888	65,416	37,849	30.00	121 637	707,40	930.50	200.00	26.783	28,491	41,520	000, 00	
				1	4		444	100	400	444	***	4			

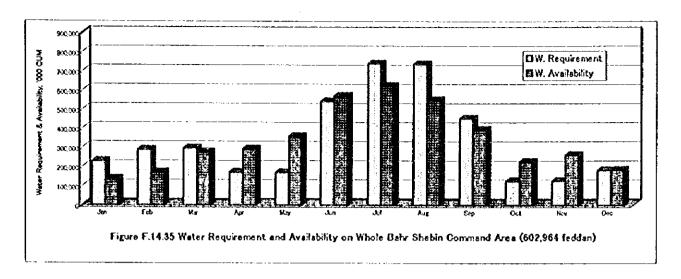
Table F 14.58 Crossing Patters	200% Wate	ar Recuire	ment in 'O	SO CUM P	M vo pose	Aified Per	omen Meth	od (Canal;	sed on Modified Penman Mothod (Canal; Basandila, Downstream+Midatream)	Downstre	am+Midatr	(mac			1/1
Location Area ( Jan Fob Mar	Area, f	Cac	Fob	Mar	Apr	May	Jun	امار.	Aug	Sep	ö	Nov	0 0	Annual	Remarks
Downstream															
Drainage only	11,694	4379	5.397	5.575	3,766	3,036	11,333	15139	14,784	8,947	2,344	2,387	3,528	80008	
Downstream	29.066	10.885	13,399	13.856	7,869	7.545	28,169	37,629	36,746	22,239	5.825	5,932	8,770	198,864	
Midstream	18,377	6.728	8,400	8,483	4,973	5,076	15.843	21,871	22,046	13,640	3,785	3,783	5,345	119,974	
Total (Designate)	11 894	4.370	5 301	5.575	3 166	3.036	11,333	15,139	14.784	8.947	2344	2367	3.528	800'08	
Total (Ex. Drainage)	47.443	17.613	21,799	22,339	12,842	12,621	4,012	59,500	58,792	35,879	9,610	9,715	14,115	318,838	
Total (+0.7 or 0.5*D)	53,290	20,678	25,572	26,241	15,058	14,746	49,678	67,070	86.184	40,353	10,782	11,386	16,585	364,334	
Total	59,137	21,992	27,189	27,914	16,003	15,657	55,345	74,639	73,578	44,827	11,954	12,102	17,644	398,846	
Table F.14.59 Cropping Pattern 200% Water Requirement in '000 CUM bar	1 200% Wate	er Require	ment in '0	OO CUM P		odified Per	ıman Moth	od (Canal;	ied on Modified Penman Method ⟨Canal; Balamoun, Downstream≁DS'+Midsteam⟩	Downstre	am+DS'+M	idsteam)			1/1
Location	Aroa, f	Jan	Feb	Mar		May	Jun	Jul	Aug	Sep	Set	Nov	Dec	Annual	Romarks
Downstream								,,,,			,	,			
Fr. Damieta	6,608	2,475	3,046	3,150	1,789	1,715	6,404	666. 6	405,8	900	324	945	488.	15,21	
Balamoun	8,611	3,225	3,969	4,105	2,331	2,235	8,345	11,148	10,886	6,588	1,726	1,758	2,598	58,915	***************************************
Downstream'												•			
Fr. Damieta	5,400 004	2,022	2,489	2,574	1,462	-, 402	5,233	6,991	6,827	4.132	1,082	- - - - - - - - - - - - - - - - - - -	1,629	36,946	
After K. Saad PS	29,331	1,003	13,544	14,006	7,954	7,627	28,474	38,037	37,144	22,480	5,888	5,997	8,865	201,019	
Befor K. Saad PS	14,695	5,503	6,774	7,005	3,978	3,815	14,241	19.024	18,578	11,243	2,945	2,999	4,434	100.540	
Midstream						1 1 1	-		74.4	0000			2000	40 40	
Befor K. Saad PS	8,165	2,989	3,732	3,769	2,210	2,255	7,039	9.717	9,795	6,080 (0,080)	1,682	1,681	2,375	53,305	
Total (Fr. Damietta)	12,008	4,497	5,535	5,724	3,251	3,117	11,637	15,546 546	15,181	88	2.40	2,451	3,623	82.156	
Total (Fr. Balamoun)	60,852	22,720	28,020	28,885	16,473	15,932	58,100	77,927	76,403	46,372	12,241	12,434	18,272	413,779	
Total (+0.7 or 0.5*D)	66,856	25,867	31,894	32,892	18,749	18,114	63,918	85,699	83,994	<b>20,966</b>	₹ 4	14,150	20,808	460,497	
Total	72,860	27,218	33,555	34,610	19,724	19,050	69,737	93.472	91,584	55,580	14,647	14,885	21,895	495,935	
Table F.14.60 Gropping Pattern 200% Water Requirement in '000 CUM bas	1 200% Wate	or Require	ment in '0	OO CUM P		diffed Per	od on Modified Penman Method (Canal; El Sahel,	od (Canal;	El Sahel, (	<b>Sownstrea</b>	Downstream+DS'+Midstream+Upstream	stream+U	pstream)		1/1
Location	Area, f	Car	Feb	Mar	٩I	May	Jun	اتال	Aug	Sop	ij	Nov	OSC	Annual	Remarks
Balamoun (Fr. Damietta)	12,008	4,487	5,535	5,724	3,251	3,117	11,637	15,548	15,181	9.188	2,407	2,451	3,623	82,156	
Balamoun (Fr. Balamoun)	60,852	22,720	28,020	28,885	16,473	15,932	58,100	77,927	76,403	46,372	12,241	12,434	18,272	413,779	
Balamoun (+0.7 or 0.5*D)	66,856	25,867	31,894	32,892	18,749	18,114	63,918	85,699	83,994	50,966	13,444	31.75	20,008	460,497	
Balamoun (Total)	72,860	27,216	33,555	34,610	19,724	19,050	69,737	93,472	91,584	55,560	14,647	14,885	21,895	495,935	
Downstream				•			4		•						
After B. PS	488	4,870	2,885 2,	6.195 99.0	3,320	5/2/5	72,602	0,800 Cyclo	16,440 0	OC 8' 8	\$ °	4,00,	3,926	1/8/88	
Befor B. PS	0	0	Э.	2	0	2	2	2							***************************************
Total of DS:	13,004	4.870	5,995	6,199	3,520	3,376	12,602	16,835	16,440	9,950	2,606	2.634	3,824	88.871	
Midstream	26,878	9.840	12,286	12.407	7,274	7.424	23 172	31,989	32,244	19,950	5,536	5,533	7,818	175,472	
Total at Bindry (Fr. Damietta)	12,008	4.497	5,535	5,724	3,251	3,117	11,637	15,546	15,181	9,188	2,407	2,451	3,623	82,156	
Total at Bindry (Fr. Balamoun)	100,734	37,430	46,300	47,491	27,267	26,732	93,874	126,750	125,088	78,272	20,383	20,621	30,014	678,222	
Total at Bindry (+0.7 or 0.5#D)	106,738	40,577	50,175	51,489	29,543	28,914	99,693	134,523	132,678	80,866	21,588	22,337	32,550	724,940	
Total at Bindry	112,742	41,926	51,835	53,216	30,518	29,849	105,512	142,296	140,268	85,460	22,789	23,072	33,637	760,379	
Upstroam	8,020	2,949	3,881	4.100	2,287	2,275	6,324	8,997	9,207	5,733	1,733	1,582	2,230	51,298	
Total (Fr. Damietta)	12,008	4,497	5,535	5,724	3,251	3,117	11,637	15,546	15,181	9,188	2,407	2,451	3,623	82,156	
Total (Ex. Damietta)	108,754	40,378	56,180 88	51,592	29,555	29,007	100,198	135,747	134,294	82,006	22,116	22,203	32,244	729,520	
Total (+0.5 or 0.7*D)	114,758	43,526	54,055	55,588	31,830	31,189	106,017	143,520	141,885	86,599	23,319	23,919	34,780	776,238	
i otali	120,102	0/0	33,710	010,10	36,000	36,16	000,	087,10	C/4/841	36,183	7770'47	*CO.**	100/00	0/0/10	

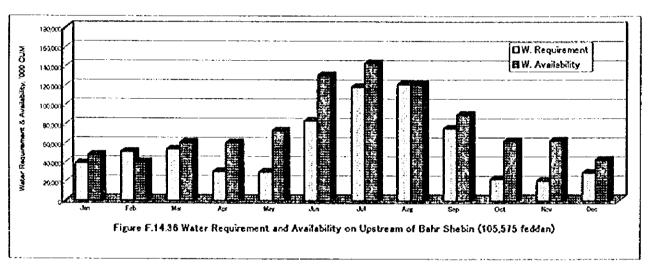
						ļ			٠						1 1 2
Cocation	Area, f	C and	Feb	Mar	Apr	May	ر روال	Jul	Aug	Q Q Q	OCT	Nov	2	Annuai	Komerks
Upstream	67,080	24,663	32,457	34,293	19,131	19,029	52,894	75,252	77,005	47,954	14,496	13,233	18,650	429,080	
															:
Table F.14.62 Cropping Pattern 200% Water Requirement in '000 CUM based on Modified Penman Method (Canal;	ern 200% Wei	ter Requir	ement in 'C	XXX CUM E	M uo poss	odified Pe	nman Moth	od (Canal	Bahr Shebin	bin)					1/1
Location	Area, f	Jan	Feb	Mar	Apr	May	-cn	luh		Sep	ğ Ö	Nov	300 0	Annua:	Remarks
Recentile (Orginane)	11 894	4379	5391	5255	3,166	3036	17,333	15.139	14.784	8.947	2,344	2387	3.528	80008	
searchia (Fv. Depreson)	27 443	17.0	21 799	22 339	12.842	12 621	44.012	29 200	58.792	35,879	9.610	9,715	14,115	318,838	
Date Charles (MC)	5005	240	722	2320	1360	1388	4.332	5.980	6.023	3.730	1,035	1,034	1.462	32,806	6
	000	12001	01631	16.076	0 597	0 100	700 PE	45,820	14 754	27.085	7.095	7225	10681	242 200	***************************************
A WAT DIG ST LICENSES	X	7777	37837	77777		3 8 8	35	818191	12.	26 114	22.235	22.5	32.851	783 842	
大きせら、ひごろを称(ガン・ファきこを持ち)	2000	1 2 2	CO#/7C	200	2 0	2000		2000	40 KA 3	28.283	1007	2.50	02201	232.055	*****************
Bahr Shebin (MS)	2000	5.0.5	10,24,	9	808	) (O.A.		2		202/27	1707	2.0			*******************
Bahr Tore (Drainere)	74.550	5408 5408	66689	\$ 6.655	3,838	3.855	13.598	18346	18091	126.0	25.25	22.02	45.24 20.44	878 S	
ent lora (EX. Chanago)		20,000	A04,00	7.1.2	7000	0///80	27,70	77000	2	0.0'7'	147,00				***************************************
Bahr Shebin (MS)	1,979	725	905	914	536	547	1.708	2,355	2,374	1,469	<b>4</b> 08	404	578	12.920	
Total of Above (Drainage)	67.644	23.045	28.398	20.315	16.688	16,080	59,238	28,374	77.628	47.058	12,380	12.580	18 549	420.283	
Total of Above (Ex. Drainage)	353,416	130,806	162,201	165,695	95,659	94,802	322,803	438,299	434,907	266,195	71,850	72.454	104,637	2,360,309	
otal of Above	415,060	153.851	190,589	195.010	112,347	110,882	382,041	517,613	512,535	313,252	84,231	85,044	123,185	2,780,593	
Bahr Shebin (US)	18,470	6,791	8,937	9,442	5,268	5,239	14,564	20,720	21,203	13,204	3,992	3,844	5,135	118,139	00000000000000000000000000000000000000
Darr Sahel (Fr. Dametta)	12,008	4,497	5,535	5,724	3,251	3,117	11,637	15,546	15,181	9.188	2,407	2,451	3,623	82,156	
ahr Sahol (Ex. Damiotta)	108,754	40,378	50,180	51,592	29,555	29,007	100,198	135,747	134,294	32,006	22,116	22,203	32,244	729,520	***************************************
Ber El Mallet	67,080	24,683	32,457	34,293	19,131	19,029	52.894	75,252	77,885	47,954	14,496	13,233	18,650	429,060	***************************************
Bahr Shebin (US)	20,025	7,362	9,689	10,237	5,711	5,681	15,790	22,465	22,988	14,315	4,328	3,951	5,568	128,085	
Total (Fr. Damietta)	12,008	4,497	5,535	5,724	3,251	3,117	11,637	15,546	15,181	9,133	2,407	2,451	3,623	82,156	
Total (Orainaro)	61.644	23.045	28.398	29.315	16.688	18.080	59.238	79.314	77.628	47.058	12,380	12.590	18.740	420,283	
Total (Ex. Above both)	567,745	210,000	263,465	271,260	155,323	153,758	506,250	692,484	690,397	423,674	116,782	115,485	166,234	3,765,112	
Total (Ex. Damietta)	629,389	233,045	291,863	300,575	172,011	169,838	565,488	797,177	768,026	470,732	129,162	128,075	184,782	4,185,396	
Total of Bahr Shebin	641,397	237,542	297,399	306,300	175,262	172,955	577,125	787,343	783,206	479,919	131,569	130,526	188,406	4,267,552	
+0.7 or 0.5 * Drainage															
Basandila	53,290	20,678	25,572	26,241	15,058	14,746	49,678	67,070	66.184	40,353	10,782	11,386	16,585	364,334	
Bahr Shebin (MS)	5,025	<u>.</u> 8	2,297	2,320	1,360	1,383	4,332	5,980	6,028	3,730	1,035	1,034	1,482	32,806	
Raiah Binas	132,009	51,594	63,838	65,416	37,649	37,084	121,637	164,752	163,089	99,657	26,783	28,491	41,328	901,368	
Bahr Shebin (MS)	35,545	13,013	16,247	16,408	9,619	9,817	30,644	42,304	42,641	26,383	7,321	7,317	10,339	232,055	
Bahr Tora	154,765	58,237	72,122	73,833	42,503	41,886	142,849	193,391	191,350	116,888	31,387	32,167	46.644	1,053,138	
Bahr Shabin (MS)	676.1	725	905 505	914	536	£	1,708	2,355	2,374	1,469	<u>\$</u>	507	576	12,920	000000000000000000000000000000000000000
Total of Above	382,613	146.086	181,031	185.131	108,725	105,468	350,847	475,853	471.667	283,480	77,715	80.803	116,934	2,596,619	
Bahr Shebin (US)	18,470	6,791	8,937	9,442	5,268	5,239	14,584	20,720	21,203	13,204	3,992	3,644	5,135	118,139	
Bahr El Sahel	114,758	43,526	54,055	55,589	31,830	31,189	106,017	143,520	141,835	86,599	23,319	23,919	87.78	776,238	
Bahr El Mallah	67,080	24,663	32,457	34,293	19,131	19,029	52,894	75,252	77,005	47,954	14,496	13,233	18,650	429,060	
Bahr Shebin (US)	20,025	7,362	9,689	10.237	5,711	5,681	15,790	22,465	22,988	14,315	4.328	3,951	5.568	128,085	
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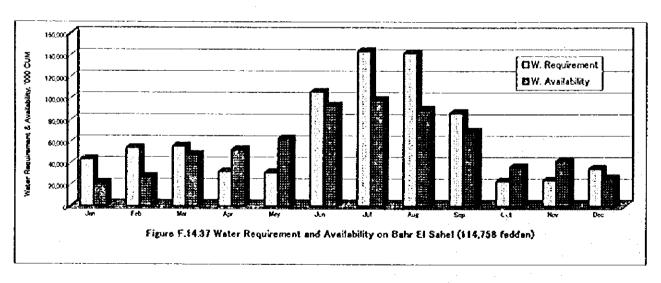
Bahr Tera (Required)         154,765         58,237           Bahr Tera (Avairable)         26%         32,127           Surpluss or Deficit, %         382,613         146,086         1           Rahboen (Required)         63%         65,953         1           Surpluss or Deficit, %         -121         -124           Bahr El Sahel (Required)         114,758         43,526           Bahr El Sahel (Required)         19%         21,386           Surpluss or Deficit, %         -104           Bahr Shebin (Available)         100%         135,169         16           Surpluss or Deficit, %         -602,946         228,427         26           Bahr Shebin (Available)         100%         135,169         16           Surpluss or Deficit, %         -163         33,107         33,107           Surpluss or Deficit, %         -163         -163         47,825           Surpluss or Deficit, %         -105,575         30,816         Avairable           Surpluss or Deficit, %         -105,575         19           Irigation Efficiency:	72,122 41,973 197,031 100,550 100,550 27,318 286,170 2	73.833 78.222 6 6 185.131 165.646 1 55.599 47.985 47.985 294.703 110,385 86.511 286.511	-     -     -	41,886 104,322 60 105,488 221,416 52 31,189 62,617 50 50 50 50 53 53 53 53 53 53 54,80 54 54 54 54 54 54 54 54 54 54 54 54 54	142,349 151,922 6 350,847 344,977 -2 106,017 93,284 -14 540,113 568,640 56,292 191,349 191,349		191,350 153,839 -24 471,667 336,172 -40 141,885 89,747 -58 734,147 547,233 -34 -34 -34 -34	116,883 120,257 3 232,176 232,176 232,176 69,362 69,362 450,553 391,532 170,123	-     -	32,167 74,712 57 80,803 155,318 48 23,919 23,919 41,932 43 22,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 23,919 24,718 25,550 260,253 25,550 260,253	48,644 52,990 12,990 116,934 112,741 112,745 24,780 28,150 181,008 181,803	1,053,138 1,132,458 1,132,458 2,596,819 2,415,902 776,238 667,199 -16 4,048,140	***************************************
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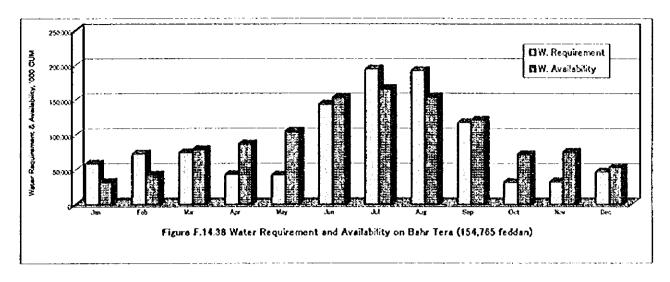
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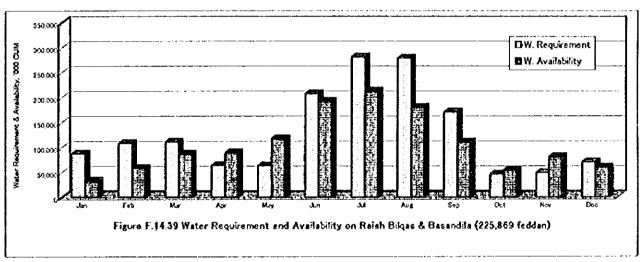
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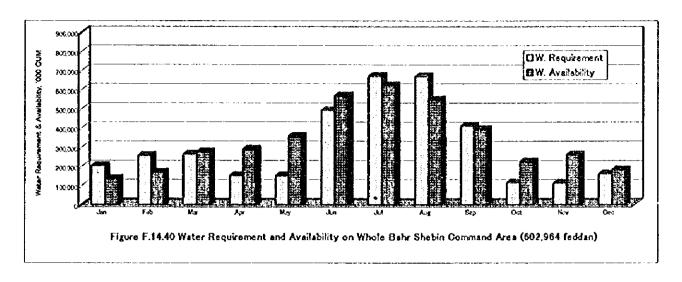
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Total of D.S.(Ex. Drainage)	84.755	30,751	37,853	39.145	22.230	21317	85.67	106.308	103.813	62,329	16,457	6.760	24.776	561.820	
Total of D.S.	94 605	34 325	42.253	43 695	24.814	23.784	88.829	118.663	115.878	70.130	18,369	18.708	27.658	627.113	
Midstream	2000			2											
Fresh	64,380	22.829	28.502	28.784	16.875	17,223	53.759	74.212	74,905	46,234	12.843	12.836	18,138	407.089	
Orginage (Mixed)	4 700	1,667	2,081	2,102	1,232		3,926	5,419	5.463	3,380	938	937	1.325	29.728	
Total (Orainage)	14 550	5 241	RABI	R 851	3818	L	1	17774	17.528	10 687	2850	2885	4 2014	05022	
Total (Ex Drainage)	149 115	53 580	88.358	87 929	39 105	38 539	133,339	180 520	178.618	109 112	29 300	29.598	42 914	968 908	
Total (+0 Oat)	149 115	53.580	88.358	67.929	39 105					109 112	29,300	29.596	42914	968.908	
Total	163,665	58,821	72,836	74,580	42,921				l	119 794	32,150	32,481	47,118	1,063,930	
Table E 14 67 Cransing Dettern 2008 Water Demissment in 1000 CHM hased on Modified Demmon Method (Canal: Raish Ribas Downstream+Midetseem)	2008 Wat		c ci	100 S	a de la constant de l	المارية المارية	man Math	(Capel	Raish Rib		reemtMix	atra em)			•/•
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Downstream															
El Eslah															
Drainage only	11.420	4/4	2013	5.274	2.395	2.872	22707	14324	13.980	8466	22217	2228	3333	75.700	
	128'92	0,887	8,477	9,0	A/A't	4//4	779'/	23,808	27.77 27.77	170,4	020'5	5,735	2 A	028,621	
	00000	0 700	0,1,0	32011	900	,,,,	37 646	97000	20 070	377 74	7 B.C.O.	1770	4	130031	
Fresh	1.621	4.216	5.190	5.367	30°	2.923 2.923	10,911	14,576	14 234	3,615	2,256	7.58 7.58 7.78 7.78	3307	77 033	
Total of El Nile (Drainage)	35.400	12844	15,870	16.350	9285	8,903	33,239	44.402	43.360	26.242	6.874	2002	10.348	234.658	
Total of El Nile (Ex. Drain)	30,602	= 5 8	13.668	14.134	8,027	7,697	28,734	38,384	37,483	22,685	58. 24.	8 5 5	8,84	202,853	
Total of El Nile	66,002	23,947	29,478	30,484	17,312	16,600	61,972	82,786	80,843	48,927	12,816	13,052	19,294	437,511	
B. Hafir Shehab	9,700	2,431	2,892	3,094	1,757	1,685	6,291	8,404	8,207	4,967	1,301	1,325	1,959	44,413	
otal of D.S. (Drainage)	35,400	28.2	01851	055.97	35.5	<i>(208)</i>	32.238	200	43.360	26.242	6.874	2007	87.07	234.658	
Total of U.S. (EX. Oranage)	206,16	4500.00	32,470	22.77	4000	200'A	30,020 88.283	20,70	080,08	709.77	347	0/2/	20,801	247,256	
Downstream:	18181	6580	8111	8388	4.763	4.583	17.052	22.779	22.245	13.463	3.528	3.591	2005	120,885	
Midstream														2000	
8. Hafir Shehab	6,620	2,348	2,932	2,981	1,736	1,771	5,530	7,633	7.694	4,761	1,321	1,320	1,366	41,873	
Total of B. Hafir (Drainage)	35.400	12844	15.810	055.91	8.285	8.903	33.239	44.402	43 360	26.242	6.674	7,000	10.348	234 658	
Total of B. Hafir (Ex. Drain)	62,083	22,471	27,703	28,577	16,283	15,721	57,606	77,200	75,629	45,875	12,090	12,288	18,079	409,523	
Total of B. Hafir	97,483	35,315	43,513	44,927	25,588	24.624	90,845	121,602	118,989	72,117	18,964	19,288	28,428	644,181	
Retah Bilges	14,248	505	6,310	6,372	3,736	3,813	<u>8</u>	16,429	16,560	10,246	2,843	2,842	4,015	90,121	
S. E. Massara	37,978	13,471	16,819	16.985	9,958	10,163	31,722	43,792	44,14	27.311	7,578	7,574	10.703	240,213	******************
otal of M.S.	58,846	20,873	26,080	28,318	15,429	ı			- 1	42,318	11,743	11,736	16,584	372,212	
Total (Drainere)	35.400	7507	07037	857.97	8.282	6.903 6.903	33,238	440%	43.360	20.242	0.874	2007	10.348	234 058	
TOTAL (EX. CTAINAGE)	805,41°	40.986	300	458.10	1/8/87					55,453	22,512	27.75	32,797	739,862	
		2000													

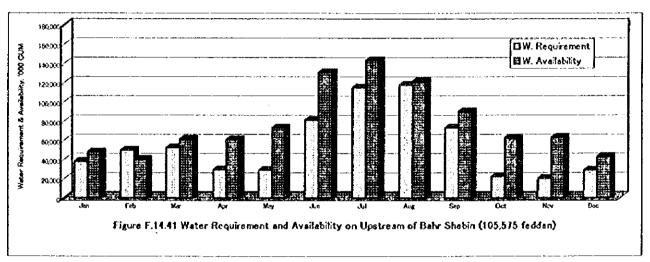
	Area, f	ne)	Feb	Mar	Apr	Мау	uno	la)	Aug	Sep	ğ	No.	õ	Annual	Remarks
Downstream Orange only	11 604	4 247	5 223	5401	3.067	2.047	080.01	14 668	14.323	8 660	2771	22.12	3410	77 617	
Downstream.	20.08	10.548	12 982	13.425	7824	7310	27.291	36.457	35.802	21.547	18.5	5.748	8 497	192871	
Midstream	18.377	8.518	8.138	8.219	4.818	4.918	15,350	21.190	21.359	13.216	3.667	3,665	5170	116.238	
Total (Drainage)	17.694	4.243	5223	5.401	3,067	2.947	10.980	14.668	14.323	8,669	2.271	2312	3,470	77.517	
Total (Ex. Drainage)	47.443	20.7	21,120	21,643	12,442	12,228	42,641	57,647	56,961	34,762	9,311	9,413	13,676	308,909	
Total (+0.0*D)	47,443	17,064	21,120	21,643	12,442	12,228	42,641	57,647	58,961	34,762	9,311	9,413	13,676	308,909	
Total	59,137	21,307	26,343	27,044	15,509	15,169	53,621	72,315	71,285	43,431	11,581	11,725	17,094	386,426	
Table F.14.89 Cropping Pattern 2008 Water Becuirement in 1000 CUM based on Medified Perman Method (Canal: Balamour, Downstream+DS+Midstream)	n 200% Wat	or Recuire	on time	OO CUM P	M no boar	Aised Des	yman Meth	od (Canal	Ralamous	Downstre	St. S.	Richatroom			1/1
Location	Ares f	ral.	To T	Mar	Anc	Χeχ	er i	lest.	Aug	9	t C	Š	Č	Annual	Remarks
Doumatham								5	900	3			3		The same of
Er Damieta	A C S	2000	2 053	2052	1 723	482	200 A	900	8008	808	1 222	. 20	1 023	42 802	
	9.64	2124	2 846	2072	20,00	188	\$ 00 g	200	675	) (*) (*) (*)	3 6	, ,	1,600,1 1,17,0	57,080	
D bêd a cess faint seas un neas paging of a cess p	77777777			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	F. F.	3	3	3		3	7/21		, , , , , , , , , , , , , , , , , , , ,		
	8	,	,	0	4.4	096	Ć t	4		,		•		100	
	3	B C C C	7147	,	- t, t	000	200	2//0	4.00	20,	2 1	200	B (C)	08/07	
Artor C Capad TO	78°381	0990	13,122	13,570	7,706	088'/	27,587	36,852	35,933	21,780	2,705	5,810	8,589	194,759	
Befor K. Saad PS	14,695	5,332	6,563	6,787	3,854	3,696	13,798	18,432	17.999	10,893	2,853	2,906	4,296	97.409	
Midstream															
Befor K. Saad PS	8,165	2,396	3.616	3,652	2,141	2,185	6,820	9,415	9.490	5.872	1,629	1,628	2,301	51 645	
Total (Fr. Damietta)	12,008	4,357	5,363	5,548	3,150	3,020	11,275	15,082	14,708	8,901	2,332	2,375	3,510	79,598	
Total (Fr. Balamoun)	60,852	22,012	27,147	27,986	15,960	15,436	56,290	75,500	74,024	4,928	11,860	12,047	17,703	400,394	
Total (+0.0*D)	60,852	22,012	27,147	27,986	15,960	15,436	56,290	75,500	74,024	44,928	11,860	12,047	17,703	400,894	
Total	72,860	26,369	32,510	33,532	19,110	18,456	67,585	90,561	88,732	53,830	14 191	14,422	21,213	480,492	
															:
Table F.14.70 Cropping Pattern 200% Water Requirement in '000 CUM based on Modified Penman Method (Canal; El Sahe), Downstream+DS'+Midstream+Upstream)	n 200% Wat	ter Require	ment in 'C	OO CUM P.	M uo pesa	dified Per	ıman Moth	od (Canal,	El Sahel,	Downstrea	m+DS'+Mi	dstream+(	Jpstream)		1/1
Location	Aroa, f	na L	Feb	Mar	Apr	Мау	hub	Jut.	Aug	Sep	Oct	Nov	Dec	Annual	Romarks
Balamoun (Fr. Damietta)	12,008	4,357	5,363	5,546	3,150	3,020	11,275	15,062	14,708	8,901	2,332	2,375	3,510	79,598	
Balamoun (Fr. Balamoun)	60,852	22.012	27.147	27,986	15,960	15,436	56,290	75,500	74,024	44,928	11,360	12,047	17,703	400,894	
Balamoun (+0.0*D)	80,852	22,012	27,147	27,986	15,980	15,438	56,290	75,500	74.024	44,928	11,880	12,047	17,703	400,894	
Balamoun (Total)	72,860	26,369	32,510	33,532	19,110	18,456	67,565	90,561	88,732	53,830	14,191	: 4,422	21,213	480.492	
Downstream	•		;	1											
Are in ro	400.5	4,718	5,808	8,008 9,008	3,411	3,271	12,210	16,311	15,928	9. 3.	2,525	2,571	8. 8.	86.200	
	2000	2,0							0				0		11 1400444 204040 4244 214404 244
l	2 2	2	9000	330	1	3,271	12,210	1100	13,875	20.0	2,323	1/07	2	378	
Midsuream	8/8/02	45C.8	208.	12.021	8	7,192	22,451	30,992	3, 240	19,329	5,383	5,360	7,575	170.008	
iotal at Bridry (rr. Darmetta)	800'ZL	4,007	5,363	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	3,150	3,020	11,275	15,062	14,708	3,901	2,332	2,375	3,510	79,598	
lotal at Bridry (Fr. Balamoun)	45,734	36,264	44.858	46,013	26,418	25,899	90,951	122,803	121,192	73,897	19,748	19,979	29,079	657,103	
LOTAL AT IN CALLY (+0.04ID)	106,738	39,314	48,612	49,395	28,623	28,013	96,589	130,334	128,546	78,348	20,914	21,641	31.536	702,366	
lotal at B ndry	112,742	40,621	50,221	51,559	29,568	28,919	102,226	137,865	135.900	82,799	22,080	22,354	32.590	738,701	
Upstream	8,020	2,857	3,780	3,972	2,216	2,204	6,127	8,717	8,920	5,555	1,679	1,533	2.160	49.700	
Total (Fr. Damietta)	12,008	4,357	5,383	5,548	3,150	3,020	11,275	15,062	14,708	8,901	2,332	2,375	3,510	79,598	
Total (Ex. Damietta)	108.754	39,121	48,618	49,985	28,634	28,104	97,078	131,520	130,112	79,452	21,427	21,512	31,240	706,803	
10tal (+0.0#D)	108.754	39,121	43.618	49,935	28,634	28.104	97,078	131,520	130,112	79.452	21,427	21,512	31,240	706,803	
LOCAL	120.782	43.478	53,981	25,53	187	31,124	108,353	146,582	144,820	88 353	23,759	23,887	34,750	788.401	

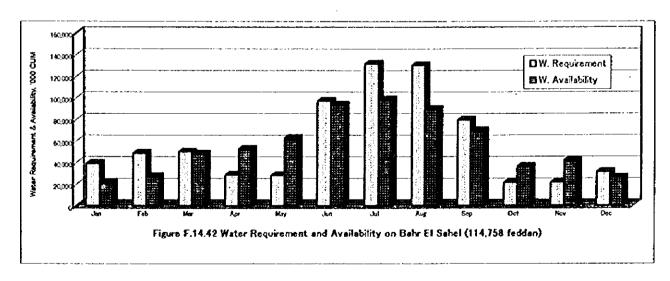
Location	Area, f	ra L	Location Area f Jan Feb Mar	ē.	Apr	May	hul	ر اعار	Aug	Sep	ŏ	Nov	Dec	Annual	Romarks
Upstroam	67,080	23,895	31,447	33,226	18,535	18,436	51,247	72,909	74,607	46,461	14,045	12,821	18,070	415,699	
Table F.14,72 Cropping Pattern 200% Water Requirement in '000 CUM bas	arn 200% Wa	ter Requir	), ui jueme	200 CUM E		lodified Pe	ed on Modified Penman Method (Canal	od (Canal	: Bahr Shebin)	bin)					1/1
Location	Aroa, f	na Ua	reb de	Χeγ		May	hun	lυl	Aug	Sop	oct O	Nov	Dec	Annual	Remarks
Basandila (Drainege)	11.694	4243	5223	5401	3.067	2941	10.980	14,668	14,323	6997	2.271	2312	3419	21522	
Basandila (Ex. Drainage)	47,443	17,064	21,120	21,643	12,442	12,228	42,641	57,647	56,961	34,762	9,311	9.413	13.676	308,909	***************************************
Bahr Shebin (MS)	5,025	1,782	2,225	2,247	1318	1,345	4,197	5,794	5. <b>24</b> 1	3,614	8	8	1,416	31,784	
Reigh Bildes (Drainage)	35.400	12.844	15810	16.350	9.285	8.903	33.239	44.402	43.360	26.242	6.874	202	10.348	234.658	
Reigh Bildes (Ex. Drainage)	114,309	40,996	50,831	51,934	29,977	29,697	101,230	137,421	138,331	83,433	22,512	22.72 20.72	32,797	739,882	***************************************
Bahr Shebin (MS)	35,545	12.608	15,741	15,897	9,320	9,512	29,690	40,986	41,314	25.562	7.093	7.089	10,01	224,829	
Bahr Tora (Drainage)	14,550	5241	6.481	6.657	3.816	3.735	13.124	17.774	17.528	10.682	2.850	2885	4.204	95.022	
Bahr Tera (Ex. Drainage)	149,115	53,580	68,356	67,929	39,105	38,539	133,339	180,520	178,618	109,112	29,300	29,596	42,914	968,908	
Bahr Shebin (MS)	1,979	702	876	885	519	<b>530</b>	1,653	2,282	2,300	1,423	395	395	558	12,518	
Total of Above (Drainage)	81.844	22,328	27.514	28402	16,168	15.580	£2,383	76.844	11251	45.592	11.995	12,198	17.67.1	961709	
Total of Above (Ex. Drainage)	353,416	126,733	157,150	160,536	92.680	91,850	312,751	424,651	421,384	257,906	69,613	70,198	101,378	2,286,810	
Fotal of Above	415,060	149,060	184,664	188,938	108,849	107,430	370,144	501,495	496,575	303,498	81,608	82,396	119,349	2.694,006	
Bahr Shebin (US)	18,470	6,579	8,659	9,143	5 104	5,076	14,111	20,075	20,543	12.793	3,867	3,530	4,975	114,460	***************************************
Bahr Sahel (Fr. Damietta)	12,008	4,357	5,363	5,548	3,150	3,020	11,275	15,062	14.708	8 901	2,332	2,375	3,510	79,598	
Bahr Sahel (Ex. Damietta)	108,754	39,121	48.618	49.985	28,634	28, 104 401	97,078	131,520	130,112	79.452	21,427	21,512	31,240	706,803	
Bahr Ei Mallah	67,080	23,895	31,447	33,226	18,535	18,436	51,247	72,909	74,607	46,461	14,045	12,821	18,070	415,699	***************************************
Bahr Shebin (US)	20,025		9,388	9,919	5.533	5,504	15,299	21,765	22,272	13,870	4,193	3,827	5,394	124,098	
Total (Fr. Damietta)	12,008	4,357	5,363	5,546	3,150	3,020	11,275	15,062	14,708	8,90 108,9	2,332	2,375	3,510	79,598	
Total (Drainage)	67.644	22.328	27.514	28-402	76.160	15.500	25,393	76.044	75.21	45.582	77.395	12.188	17.871	407.196	
Total (Ex. Above both)	567,745	203,461	255,261	262,813	150,487	148,970	490,486	670,920	668,898	410,481	113,145	111,389	161,057	3,647,868	
fotal (Ex. Damietta)	629,389	225,788	282,775	291,216	166,655	164,550	547,879	747.764	744,110	456,073	125,140	124,087	179,028	4,055,064	
Total of Bahr Shebin	641,397	230,145	288,138	296,782	169,304	167,570	559,153	762,825	758,818	464,975	127.472	126,462	182,539	4,134,662	
+0.0 # Dreinago				,	•	•		!							
Basandila	47,443	17,064	21.120	21,643	2,442	12,228	42,641	57.647	56,961	34,762	9,311	9,413	13,676	308,909	
Bahr Shebin (MS)	5025	1,782	2,225	2,247	815.0	245	/B1.47	, i	4 6	410,0	500,5	200,5	2,416	487.15	
Karan Birgas	114,309	40,996	55,857	458,10	//8/87	189.87	082,101	124,161	155,551	254.05	21,0,72	22,72	52,187	739,857	
Bahr Shebin (MS)	35,545	12,608	15,741	15,897	9,320	9,512	29,690	988.04	41.314	25,562	7,093	680'/	70,01	224,829	
Bahr Tera	149,115	93,580	86,356	67,829	39,105	626,82	133,235 131,233	180,520	1/8,618	211,801	005,42	28,580	42,914	308,808	
Bahr Shebin (MS)	1,979	702	976	385	519	530	1,653	2,282	2 300	1,423	395	382	558	12,518	
Total of Above	353,416	128,733	157.150	160,536	92,680	91,850	312.751	424,651	421,364	257,906	69,613	70,198	101,378	2,286,810	
Bahr Shebin (US)	18,470	6,579	8,659	9,148	20.00 20.00	5,076	14,111	20,075	20,543	12,793	3,867	3,530	4,975	114,460	
Bahr El Sahel	108,754	39,121	48,613	49,985	28,634	28.18	97,078	131,520	130,112	79,452	21,427	21,512	31,240	706,803	
Bahr El Mallah	67,080	23,895	31,447	33,226	18,535	18,436	51,247	72,909	74,607	46,461	50.45	2,82	18,070	415.699	
Bahr Shebin (US)	20.025	7,133	9,388	9,919	5,533	5.504	15,299	21,765	22,272	13,870	4,193	3,827	5,394	124,096	

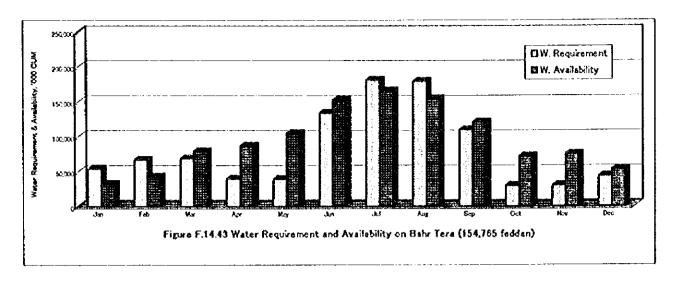
Table E1473 Comparison between Grossing Pattern 200% Water Require	voen Crops	ing Patter	3 2008 ¥2												
l ocation	Aroa f	ra C	Feb	χã	ş	May	Jun	Jul	Aug	Sep	St	Nov	Dec	Annual	Remarks
Sabe Tare (Decisions)	149 115	53,580	66.356	67.929	39.105	38,539	133,339	180,520	178,613	109,112	29,300	29,596	42,914	306,396	
	268	10.107	41 973	78 222	86.432	104 322	151.922	165,290	153,839	120,257	71,373	74,712	52,990	1,133,458	
	Š	4	ξ. 1		35	8		9	19	00	59	S	<u>0</u>		
Carlottes of policie, a	353.418	128 733	157 150	160.536	92.680	91.850	312,751	424,651	421,364	257,908	69,613	70,198	101,378	2,286,810	
	62%	65,958	100,550	165,646	175,730	221,418		379,982	336,172	232,179	125,132	155,318	112,741	2,415,302	
Surplus or Deficit %		-83	-56	es	47	œ	O)	-15	-25	-11-	4	55	Ç	S	***************************************
Babe El Sabel (Required)	108 754	39.121	48.618	49.985	28,634	28,104	87,078	131,520	130,112	79,452	21,427	21,512	31,240	706.803	
Rahr El Sahel (Aveilable)	*6	21,386	27,318	47,985	52,629	62,617	93,264		89,747	892'89	36,356	41,932	26,150	667,199	
Surplus or Deficit. %	•	엃	-73	7	<b>4</b>	SS.	4	- 3	-45	-15	41	49	61-	9	*******************************
Bahr Shebin (Required)	567.745	203.461	255,261	262,813	150.487	148,970	490,486		668,898	410,481	113,145	111,889	161,057	3,647,868	
Bahr Shebin (Available)		135,169	168,264	274,616	289,145	356,904	568,640	621,467	547,233	391,532	223,846	260,253	181.803	4,026,117	
Surpluss or Deficit, *		-51	-52	4	48	58	14	۳	-22	32	49	25	=	a	
(eliberated & see 10 de 10) and Tourish of the	(clibro m G														
	Occupant (	100	0	1	930.03	101.03	177750	241 840	240 446	147.370	39.918	40.208	57.907	1,305,384	
Required	202,322	12,451	31.6.63	17/18	0000	04,70	60777	0.00	7 2 2 2 3		****	7	60,00	1 280 828	
Avairable	36%	33,129	57,700	86,539		116,565	191,402	212,410	180,037	110.489		3 5		020,802,1	
Surpluss of Deficit, %	400000000000000000000000000000000000000	-119	-56	٩	:	40 55	44444444444444	41.1	45.	-33	Q	3	7	) i	
Before Sahel+Rahbeen (Upstream of Bahr Shebin)	n of Bahr S	hebin)					,	:		;		4	4	200,00	
Required	105.575	37,607	49,493	52,293	29,172	29,016	30,656	114,749	117,422	73,123	22,105	20,179	28,439	604,200	
Avairable	19%	47,825	40,396	60,985	60,787	72,871	130,399	143,039	121,314	39,985	62,357	63,003	42,911	943,117	
Surpluse or Defiait, %		21	-23	7	52	90	33	ଯ		9	92	88	35	31	
Imigation Efficiency=	0.68														
Total of Bahr Shebin DS	303,927														
Total of Bahr Shebin MS	223.875														
Total of Bahr Shebin UP	113.595														
Total of Bahr Shebin	641 397														
Total of Other US	53,826														
Total	695,223	Exoluding N	695,223 Excluding New Reclamation Area of 56,000 feddan	ation Area	of 56,000 t	oddan									
Total of Upstream Total of Midstream Total of Downstream New Reclamation area	167,421 223,875 303,927 56,000 751,223	695,223	695,223 (excluding New Reclamation Area of 58,000 feddan)	Now Reclar	nation Are:	a of 58,000	foddan)								

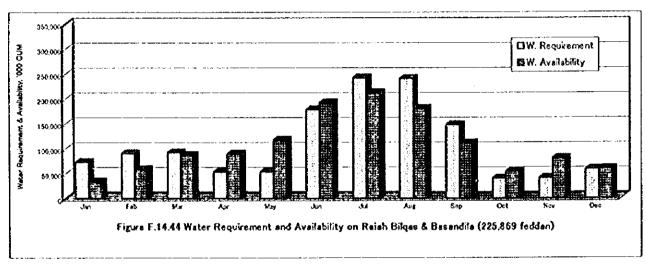
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1282   1287   1289   1289   1281   1282	Downstream															
A	Mixing	39,055	14,170	17,443	18,038	10,244	9,823	36,671	48,986	47,837	28,951	7.583	7,723	11,417	258,286	
1,000   1,00	Drainere only	3220	2777	7675	1,501	28 E	<u> </u>	2027	8278	7808	4 693	38	38	388 1838	43.750	
Columb   C	El Mansour	45.70 20.70	18,581	20,411	21,107	11,987	1.494	42,910	57,321	55,976	33,877	3,874	9,037	13,359	302,934	
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Midericant	Total of D.S.	94,605	34,325	42,253	43,695	24,814	23.794	88.829	118,663	115,878	70 130	18,369	18,708	27,656	627,113	
Capital Miles	Midstream		1										6	•	000	
Continuation   4500   4501	Fresh	64,380	22,829	28,502	28,784	16,875	17,223	53,759	74,212	74,805	45,23	12,843	12,836	351.31	830.10s	
Total (Ct. Delings)   143715   55.50   64.350   15.251   15.25   13.152   13.250   15.350   15.310   15.320   15.310   15.320   15.310   15.310   15.320   15.310   15.320   15.310   15.310   15.310   15.320   15.310   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320   15.310   15.320	Orainese (Mixed)	4,700	1.667	2081	2102	1,232	1.258		-	70.7	3380	25.5	1500	2701	02/22	
Total (Ct. Delinaça) 144,175 56,423 69,376 11,324 11,300 0,120 11,324 11,300 0,120 11,324 11,300 16,330 11,324 30,490 31,166 45,192 10,000,342 Total (Ct. Delinaça) 153,665 58,821 72,836 74,390 42,221 46,314 19,224 19,324 11,000 0,100 11,324	Total (Drainero)	14.550	5.241	0.407	1500	3.876	7.75 7.75 7.75 7.75 7.75		Ī	איייז <i>ן</i>	70077	350	20 50 50 50 50 50 50 50 50 50 50 50 50 50	42.074	268 908 268 908	
Table F14.77   Cooping Petron 2006 Water Requirement in '000 CUM based on Modified Forman Method (Camil: Raish Bilger, Downstream-Middroem)   193,066 S 98.21   72,020 V.4,520 V.2,521   192.72   192.7	Total (Ex. Drainage)	149,115	28,55	00,000	878./O	2.5	20'00'			185,391	113.248	30,409	31.168		1.020,343	
Table F1477 Cropping Partorn 2008 Water Requirement in 1000 CUM based on Modified Perman Method (Canal: Raich Bilger, Downstroam)   Liber F1477 Cropping Partorn 2008 Water Requirement in 1000 CUM based on Modified Perman Method (Canal: Raich Bilger, Downstroam)   Liber F1477 Cropping Partorn 2008 Water Requirement in 1000 CUM based on Modified Perman Method (Canal: Raich Bilger, Downstroam)   Liber F1477 Cropping Partorn 2008 Water Requirement in 1000 CUM based on Modified Perman State	Total (+0.7 or 0.5*D)	182,885	58 821	72,836	26.24	47.92	42.274	•	•	196,148	119,794	32,150	32,481		1,063,930	
Table F.1.4.77 Cropping Partient 2009 Water Requirement in '0000 CUM based on Modified Pennian Method (Canal Raish Bilders Downstroam)         Location Conversion         Approach May         Jun Jun Jun Jun Jun Aug         Spp Oct No.         No.         Annual Downstroam           E Saish         11.627         Jun Seb F.1.4.77         11.622         2.220         12.826         2.217         2.229         3.239         2.220           President         13.001         6.897         8.477         1.1622         2.2000         2.220         2.217         2.229         3.239         2.220           Existence Colif Colification         3.001         6.897         8.477         1.1622         2.2000         2.221         2.222         2.229         3.259         2.220 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>																
Continue	Table E 14.77 Cooping Date	200% Wa	tor Require	ament in '0	-	My on poss	diffed Pen	men Moth	od (Canat;	Raish Bilg	es, Downs	troem+Mia	lstream)			1/1
Downstream   Estate	1 ocation	Area f	re)	9		Apr	May	Jen	195	Aug	Sep	ğ	Nov	0 0	Annual	Remarks
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Control         11,620         6,837         8,274         2,295         2,072         1,325         1,329         8,221         2,222         2,2369         2,3249         2,224											•	4		4	200	
Fresh	_	11.420	4/43	2700	5274	2.895	2.872	10.723	14.324	13.988	8	7777	8777	27.72	36.	
Continue	2	18,981	6,887	8,477	8,767	4.973	4,774	17,822	23,808	73.249	704	2,030	7	7	070,071	*******************
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State   Stat	Drainage cont.	11.621	4.216	5.190	5,367	30.5	2,923	10,911	14,576	14,234	8,615	2,256	2,298	3,397	77,033	
30,602   11,103   13,668   14,134   8,027   7,697   28,734   39,364   37,483   22,865   5,942   6,051   8,946   19,994   17,312   16,850   6,9197   22,736   8,946   12,305   12,305   13,305   1,332   1,335   1,33	Total of El Nile (Drainage)	35 400	12.844	15,870	18.350	9.205	8,903	33,239	44.402	43,360	26.242	6.874	7007	10.348	234 658	
Nicola   Colorado	Total of El Nile (Ex. Drain)	30.602	11,103	13,668	14,134	8,027	7,697	28,734	38,384	37.483	22,685	5,942	6.051	8,946	202,853	
S. (Ex. Drainage)         6700         2,431         2,992         3,094         1,757         1,683         6,201         8,201         4,961         1,320         1,693	Total of El Nile	96,002	23.947	29,478	30,484	17,312	18.60	61,972	82,736	80.843	48 927	12,816	13,052	19.284	437,011	
S. (Ex. Drainage) 35,400 12,844 15,810 10,329 9,282 8,392 31,223 46,788 45,890 21,652 12,44 1,17 14,377 21,253 5. (Ex. Drainage) 37,302 13,534 16,890 17,228 9,784 9,382 35,025 46,788 45,890 21,652 7,243 7,317 10,305 5. (Ex. Drainage) 37,302 13,534 16,890 17,228 9,784 15,892 15,025 13,483 3,528 14,117 14,377 21,253 5. (Ex. Drainage) 37,302 12,844 15,892 2,911 3,388 4,763 4,588 17,022 22,779 22,245 13,483 3,528 3,591 5,309 7,893 35,315 44,827 22,892 32,329 44,402 42,392 22,245 13,483 35,315 42,313 44,827 22,548 13,703 28,577 16,283 15,721 57,608 77,200 75,829 45,875 12,090 12,288 18,079 38,44ff (Ex. Drain) 62,083 22,471 27,703 28,577 16,283 15,721 57,608 77,200 75,829 45,875 12,090 12,288 18,079 38,44ff (Ex. Drain) 62,083 35,315 44,827 25,568 24,824 90,845 12,1602 118,989 72,117 18,984 19,288 28,423 40,158 18,797 114,309 40,986 50,831 15,429 15,727 29,697 101,230 137,421 132,031 114,309 40,986 50,831 114,309 40,986 50,831 114,349 11,340 14,848 12,828 22,704 42,148 11,340 14,349 40,941 132,094 40,941 134,949 40,941 132,094 40,941 134,949 40,941 132,094 40,941 134,949 40,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,941 134,9		8,700	2431	2,992	3,094	1,757	1,685	6.291	9	/028	/08.4	55.1	C35,1	076.0	274 850	
Strick Drainage    37,002   13,504   31,505	Total of D.S. (Drainage)	25.400 25.400	7	<u> </u>	22.07	25.0	200	35,025	200 84	45,600	2,652	7.243	7376	10.905	247 268	
minimated         6.620         2.348         2.932         2.961         1.736         1.771         5.530         7.633         7.694         4.761         1.321         1.320         1.866           Shelab         6.620         2.348         2.932         2.961         1.771         5.530         7.633         7.694         4.761         1.321         1.320         1.866           E. Haffir (Drainaco)         3.5402         1.2944         1.5910         1.6350         2.265         2.802         3.3239         4.4402         4.360         1.720         4.761         1.321         1.320         1.866           B. Haffir (Ex. Drain)         97.402         1.2944         1.5010         1.6233         1.5721         57.606         77.200         75.629         45.875         1.200         12.288         1.8079           Haffir (Ex. Drain)         97.403         3.515         43.513         44.927         25.568         24.624         90.845         12.100         7.1070         7.520         7.520         7.520         7.200         7.520         7.5171         18.969         7.571         18.864         19.288         2.8423         2.8423         4.717         18.969         7.5171         18.969         7	Total of D.S.	72.702	26,378	32,470	33,579	19,069	12,285	68,263	1.19	89,050	53.894	14,117	14,377	21,253	481,923	
Colorador   Colo	Downstream	18,161	6,589	8,111	8,388	4,763	4,568	17,052	22,779	22,245	13,483	3,526	3,591	5,309	120,385	
Columbia   Columbia	Midstroam	0000	0700	000	90	201.		0633	7.637	7.69.4	1781	1.221	1320	1 866	41.873	
Or   Color   1,000	B. Hafir Shehab	029'0	2000	2,832	1087	2000	1///	00000	2007	090 67	24.242	6.874	2000	10.348	234 658	
Orange   14,248   35,315   43,513   44,927   25,568   24,624   90,845   121,602   118,989   72,117   18,984   19,288   28,428   10,158   14,248   5,054   6,310   6,372   3,736   3,813   11,901   (6,429   16,580   10,246   2,843   2,942   4,015   10,703   13,728   3,431   2,731   2,731   2,734   10,703   10	Total of B. Helir (Drainage)	32.400 82.083	22 471	27.70	78 577	16.283	15.72	57.608	200	75.629	45,875	12,090 12,090	12,288	18,079	409,523	
h Bilques 14,248 5,054 6,310 6,372 3,736 3,813 11,901 16,429 16,580 10,246 2,943 2,942 4,015 10,703 37,978 13,471 16,819 16,985 10,163 31,722 43,792 44,141 27,311 7,578 7,574 10,703 36,M3sssgre 58,846 20,873 26,080 26,318 15,429 15,747 49,153 67,854 68,396 42,318 11,743 11,736 16,584 (Chrimate) 35,400 12,844 15,810 16,354 29,977 29,697 101,230 137,421 136,331 83,433 22,512 22,704 32,797 (Ex. Drainage) 132,009 49,986 50,831 51,934 29,977 29,697 101,230 137,421 136,331 83,433 22,512 22,704 32,797 (40,7) or 0,5*D⟩ 132,009 49,987 61,899 63,379 36,476 35,929 117,849 159,622 158,011 96,554 25,949 27,604 40,041 140,709 27,004 43,146 120,075 29,385 29,704 43,146 140,070 20		97,483	35,315	43,513	44.927	25,568	24,624	90,845	121,602	118,989	72,117	18,964	19,288	28,428	644,181	
Massers         37,978         13,471         18,819         16,985         10,163         31,722         43,792         44,141         27,311         7,578         7,574         10,703           of M.S.         58,846         20,873         26,060         26,318         15,429         15,747         49,153         67,854         68,396         42,318         11,743         11,743         11,736         16,534         10,396         50,831         10,354         20,312         44,422         43,36         22,242         83,43         22,512         20,29         10,342         43,63         22,512         22,704         32,737         40,041	Raigh Bildas	14,248	5,054	6,310	6,372	3.736	3,813	11,901	16,429	16,560	10,246	2,843	2,942	4,015	90,121	
of M.S.  58,846 20,873 26,060 26,318 15,429 15,747 49,153 67,854 68,386 42,318 11,743 11,736 15,384  [Oralinate) 35,400 12,844 15,810 16,350 22,82 8,903 33,239 44,402 43,390 28,242 8,874 2,000 10,349 4,996 50,831 51,934 29,977 29,697 101,230 137,421 136,331 83,433 22,512 22,704 32,797 (Ex. Drainage) 132,009 49,987 61,999 63,379 36,476 35,929 117,849 159,622 158,011 96,554 25,949 27,604 40,041 40,04	S. E. Maasara	37,978		16,819	16,985	9,958	10,163	31,722	43,792	44 141	27,311	7,578	7,574	10.703	240,218	***************************************
(Oraninare) 35,400 12,844 15,810 16,350 8,285 8,303 33,239 44,402 43,380 28,292 8,874 1,0530 12,394 (Ex. Drainage) 114,309 40,896 50,831 51,934 29,977 29,697 101,230 137,421 136,331 83,433 22,512 22,704 32,797 (Ex. Drainage) 113,009 49,987 81,899 63,379 36,476 35,929 117,849 159,622 158,011 96,554 25,949 27,604 40,041 (+0,7 or 0,5*D) 132,009 49,987 81,899 63,379 36,476 35,929 117,849 121,823 179,891 109,675 29,385 29,704 43,146	Total of M.S.	58,846		26,060	26.318	15,429	15,747	49.153	67,854	68 398	42,318	11,743	11,738	16,584	372,212	
(EX. Drainage) 114,009 49,987 51,001 51,001 51,001 171,004 159,001 159,011 86,554 25,949 27,604 40,041 (40,7 or 0,5∗D) 132,009 49,987 61,899 63,379 36,476 35,929 117,349 159,691 109,675 29,385 29,704 43,146 121,823 179,691 109,675 29,385 29,704 43,146	Total (Drainage)	35.400	72844	15.810	16.350	20 077	20.807	33.239	27 40%	136 331	83 433	22 512	20,00	32,797	739.862	
140 Tro 100 575 29.385 29.704 43.146	Total (EX. Oranaga) Total (+0.7 or 0.5*D)	132,009	49.987	92.00	63,379	36,476	35,929	17.845	159,622	158,011	96,554	25,949	27,604	140,04	873,290	
	Total	149,709	53.840	66.642	68,284	39,262	38,600	134,469	121,823	179,691	109,675	29,385	29,704	43,146	974,520	

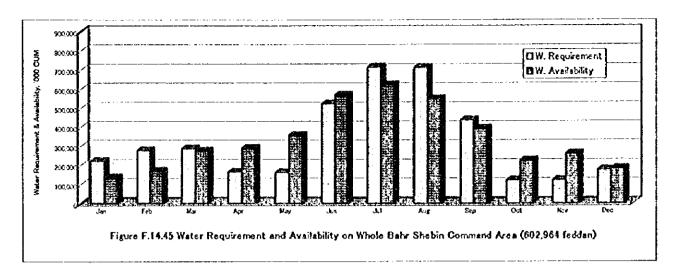
Comparison   1, 1004   2, 27   5, 29   5, 20   1, 20	Location	Location Area, f Jan Feb Mar	Jan	Feb	Mar	Apr	Мяу	Can	Ju.S	Aug	Sep	Oct	Nov	280	Annual	Komarks
Part	Downstream		:				,	000	****	***	0000	, 140	0 0 4 0	0110	77 617	
Compared   State   Compared   State   Compared   State   Compared   State   Compared   State   Compared   State   St	Drainage only	11,694	4247	5223	5401	1906	2.947	10,980	14 668	14,323	8008	1777	7/5/	5,470	(12/)	
Charge   C	Downstream Downstream	29,068	10,546	12,982	13,425	7,624	7,310	27,291	35.457	35.002	7	2007	0.740	0,49	10,281	
(G. Cheinege) (1.824 4.242 5.252 5.240 1.3002 2.241 1.3002 1.2426 5.2400 3.1102 3.1102 1.1102 1.1102 1.1102 3.1102	Midstream	18,377	6,518	8,138	8,219	4.813	4,918	15,350	21,150	865.12	13,218	3,887	2000	8/1/8	10,230	
(C. Cheinings) 51,743 71,704 21,705 21,843 12,422 42,742 41,715 51,105 51,004 30,005 14,715 51,004 30,005 15,109 51,004 30,005 15,109 51,004 30,005 15,109 51,004 30,005 15,109 51,004 30,005 15,109 51,109 51,109 5	Total (Drainage)	11.684	4243	5.223	2401	3062	2.947	10.980	14.008	14.3/2	2000		77.77	2 6 6 6	77677	
(47) or Osen) Sazio 20034 24,718 27,644 15,590 15,190 53,051 71,2315 71,2315 11,1351 11,1351 11,1351 11,1049 23,0229 11,1351 1	Total (Ex. Drainage)	47,443	17,064	21,120	21,643	12,442	12,228	42,641	57,647	56,961	34,/62	115.0	7 (4.7)	0,0,51	20000	
Fig. 20   Cropping Patron 2004 Water Requirement in 1000 CUM based on Modified Perman Method (Canhi Balamour), Downstroam 105-Midateam)   Canhi Balamour), Downstroam 105-Midateam 1, 17129   Canhi Balamour)   Canhi Balamour), Downstroam 105-Midateam 1, 1712   Canhi Balamour)   Canhi Balamour), Downstroam 105-Midateam 1, 1712   Canhi Balamour)   Canhi Balamour), Downstroam 105-Midateam 1, 1712   Canhi Balamour)	Total (+0.7 or 0.5+D)	53,290	20,034	24,776	25,424	14,589	14,287	48,131	64,981	64,123	39,096	10,446	11,031	16,069	352,939	
Fig. 20 Cropping Pattern 2005 Ware Requirement in 1000 CLUM based on Modified Pointman Method (Canal: Balamoun), Downstroam 103-Widelstoam)   Aug.   Aug.   Sep.   Oct.   Nov.   Oct.   Oct.   Nov.   Oct.   Nov.   Oct.	Total	59,137	21,307	26,343	27.044	15,509	15,169	53,621	72,315	71,285	43,431	11,581	11,725	17,094	386,426	
Fi.A.19 Cropping Pattern 2005 Weter Requirement in 1000 CLM based on Medifical Pennan Method (Condit Balancolm, Downstream-DSS-Addistream)  for a control of the control of																
Comparison   Com	Table 61479 Cropping Datter	m 2005 Wa	her Require	mont in 'C	XXX CUM B	ased on Ma	odified Per	nman Meth	od (Canal;	Balamoun	Downstre	M+'SO+mer	fidsteam)			1/1
Participation   Color   1,529   2,451   1,022   1,733   1,652   6,205   1,280   1,024   6,382   1,572   1,703   2,517   1,570	Location	Area, f	ra)	Fab	Mar	Apr	May	Jun	in	Aug	Şeb	oct C	Nov	8 2	Annuai	Romarks
Second   Comparison   Compari	Downstream														,	
Second   S	Fr. Damieta	809'9	2,398	2,951	3,052	1,733	1,662	6,205	8,288	8,094	4,898	1,283	1,307	1,932	43,803	
Foreign	Balamoun	8,611	3,124	3,846	3,977	2,259	2,166	8,085	10,801	10,547	6,383	1,672	1,703	2,517	57,080	***************************************
Story   Stor	20wnstream	****									;	;		•		
F. Saad PS         29,881         10,882         23,888         21,789         21,587         36,882         37,888         21,789         5,875         5,810         5,589         18,739         18,789         18,489         23,888         21,789         5,810         5,826         5,810         5,828         18,789         18,789         18,281         18,789         18,789         18,281         18,789         18,789         18,281         18,789         18,789         18,282         2,806         4,789         18,789         18,281         18,789	Fr. Damieta	5,400	1,959	2,412	2,494	1,416	1,358	5,070	6.773	6,614	8	0.00	1,068	1,579	35,795	
Fig. Stand PS   14,665   5,332   6,563   2,141   2,185   6,820   9,415   9,460   5,832   2,853   2,806   4,296   9,7409   7,8444   7,740	After K. Saad PS	29,381	10,860	13,122	13,570	7,708	7,390	27,587	36,852	35,988	21,780	5,705	5,810	8,589	194,759	
Character   Char	Befor K. Saad PS	14,695	5,332	6,563	6,787	3,854	3.696	13,798	18,432	17,999	10.893	2,853	2,906	4,296	97,409	
er. Samel PS         8 1655         2 141         2 186         3 162         2 141         2 186         3 162         2 141         3 185         3 162	Nidstream										,		:		1	
(Fr. Damiesta)         12,008         4,357         5,363         5,546         3,150         14,708         4,901         12,322         2,375         5,310         7,828           (Fr. Balamoun)         60,856         22,014         2,146         1,150         1,450         1,470         4,902         1,270         4,003           (Fr. Balamoun)         60,856         25,062         20,101         2,1147         2,108         1,150         1,170         4,191         1,442         2,170         4,003           F.14,80         Coopsing Pattern         20,804         20,101         1,101         1,845         1,170         4,191         1,442         2,121         4,004           F.14,80         Coopsing Pattern         200         20,100         Mary         Jun         Aug         Jun	Befor K. Saad PS	8,165	2,896	3,616	3,652	2,141	2,185	6,820	9,415	9,490	5,872	1,629	1,628	2,30	51,645	
(Fr. Balamoun)         60,582         22,012         27,1946         13,266         13,050         14,028         43,718         13,025         13,009         13,009         13,009         13,009         13,009         13,009         14,011         14,422         21,201         460,409         17,000         46,566         25,000         13,500         11,550         11,550         11,550         13,500         14,911         14,422         21,201         460,409           (40,7 or 0,5ml)         66,566         25,060         30,501         13,500         14,911         14,422         21,201         460,462           F14,80         Cropping Partern 200% Water Requirement in 1000 CUM based on Modified Perman Method (Canal, El Sahol, Downstream+OS+Midetream+Uperream         14,900	Fotal (Fr. Damiotta)	12,008	4,357	5,383	5,546	3,150	3,020	11,275	15,062	4,708	8 8	2,332	2,375	3.510	79,598	
(+0,7 or 0,5=0) 66,856 25,062 30,801 31,888 18,165 17,550 61,928 83,001 81,378 13,025 13,709 20,160 446,157 17,860 20,869 20,2510 31,392 19,110 18,456 67,565 90,561 88,732 53,830 14,191 14,422 21,213 480,402 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,860 20,160 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 15,003 17,875 17,8	fotal (Fr. Balamoun)	60,852	22,012	27,147	27,986	15,960	15,436	56,290	75,500	74,024	44,928	1,860	12,047	17,703	400,894	
F.14.80 Chopping Pattorn 200% Watter Requirement in '000 CUM based on Modified Pennan Method (Canal: El Sahol, Downstream+DS+Mildstream+Upstream)  F.14.80 Chopping Pattorn 200% Watter Requirement in '000 CUM based on Modified Pennan Method (Canal: El Sahol, Downstream+DS+Mildstream+Upstream)  F.14.80 Chopping Pattorn 200% Watter Requirement in '000 CUM based on Modified Pennan Method (Canal: El Sahol, Downstream+DS+Mildstream+Upstream)  F.14.80 Chopping Pattorn 200% Watter Requirement in '000 CUM based on Modified Pennan Method (Canal: El Sahol, Downstream+DS+Mildstream+Upstream)  F.15.00 CUM based a 1150 Sept. May Discrept the	Total (+0.7 or 0.5*D)	66,856	25,062	30,901	31,868	18,165	17,550	61,928	83,031	81,378	49,379	13,025	13,709	20,160	446,157	
Appr May Jun Jul Aug Sep Oct Nov Dec Annual 15,928 3,150 11,275 15,060 14,708 8,901 2,332 2,375 3,510 79,592 15,902 11,275 15,060 14,708 8,901 12,332 2,375 3,510 79,592 15,902 15,402 44,928 11,980 12,047 17,703 400,894 18,165 17,550 61,928 83,031 81,378 49,379 13,025 13,709 20,160 446,157 19,110 18,456 67,565 90,561 83,732 53,830 14,191 14,422 21,213 480,492 3,411 3,271 12,210 16,311 15,928 9,640 2,525 2,571 3,801 86,200 7,047 7,192 22,451 30,992 13,240 19,329 2,535 2,571 3,801 86,200 7,047 7,192 22,451 30,992 13,240 19,329 2,332 2,375 3,510 79,598 26,418 25,899 80,851 12,280 14,708 8,901 2,332 2,375 3,510 79,598 26,418 25,899 80,851 12,280 12,1692 73,897 19,748 19,979 22,079 657,103 22,682 22,451 28,020 12,1692 73,897 19,748 19,979 22,079 49,700 3,150 22,160 2,147,08 8,901 2,332 2,375 3,510 79,598 30,598 130,598 130,5112 79,452 21,427 21,512 3,510 79,598 30,598 130,502 14,708 8,901 2,332 2,375 3,510 79,598 30,598 130,559 130,112 79,452 21,427 21,512 3,317 33,697 752,068 30,599 30,218 190,798 131,520 130,112 79,452 21,427 21,512 31,240 708,802 30,899 30,218 102,726 137,468 82,909 22,563 23,174 33,697 752,068 30,778 14,708 130,750 22,593 23,174 33,697 752,068 30,778 14,708 130,750 22,593 23,174 33,697 752,068 30,778 14,708 130,750 22,593 23,744 33,697 752,068 30,778 14,708 130,750 22,593 23,744 33,697 752,068 30,778 14,708 130,750 22,593 23,744 33,697 752,068 30,778 14,708 130,750 22,593 23,744 33,697 752,068 30,778 14,708 130,718 776,00 776,00 77	Fotal	72,860	26,369	32,510	33,532	19,110	18,456	67.585	90,581	88,732	53,830	14,191	14,422	21,213	480,492	
Apr May Jun Jul Aug Sep Oct Nov Dec Annual Annual Agr Nav Jun Jul Aug Sep Oct Nov Dec Annual Jul Aug Sep Oct Nov Dec Annual Jul Aug Sep Oct Nov Dec Annual Jul Aug Sep Oct Nov Dec Annual Jul Aug Sep Oct Nov Dec Annual Jul Aug Sep Oct Nov Dec Annual Jul Sec 12,022 12,375 3,510 79,592 15,602 14,708 4,928 11,960 12,047 17,703 400,894 18,116 17,550 61,928 83,031 81,378 49,379 13,025 13,709 20,160 448,157 19,110 18,371 12,210 16,311 15,928 9,640 2,525 2,571 3,601 86,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		:						;	:	i			•			,
Apr         May         Jun         Jul         Aug         Sep         Oct         Nov         Dec         Annual           3,150         3,020         11,275         15,062         14,708         8,901         2,332         2,375         3,510         79,592           15,860         15,436         56,290         75,500         74,024         44,928         11,860         12,047         17,703         400,894           18,165         17,550         61,928         83,031         81,378         49,379         13,025         12,047         17,703         400,894           18,165         17,550         61,928         83,031         83,732         53,830         14,191         14,422         21,213         480,492           18,110         18,418         83,732         53,830         14,191         14,422         21,213         480,492           18,110         18,418         80,351         15,828         9,640         2,525         2,571         3,019         448,157           3,411         3,271         12,210         16,311         15,828         9,640         2,525         2,571         3,01         80,00           3,411         3,271         12,210	Table F.14.80 Cropping Patte	m 200% Wa	tor Requir	ement in 't	OC CUM P	ased on M	odified Po	nman Meti	S Cenal	El Sahel	Downstrea	THE STAN	detreamt	Jostroam)		
r, Damierta)         12,008         4,357         5,363         5,546         3,150         3,020         11,275         15,002         14,708         8,901         2,322         2,375         3,510           r, Balamoun)         60,825         22,012         27,147         27,986         15,980         15,560         75,500         74,024         44,928         11,380         20,100         20,000         3,141         3,717         12,000         83,031         81,378         44,928         11,300         20,100         20,000         20,000         3,411         3,271         12,210         18,173         44,928         11,300         2,525         2,571         3,801         2,010 </td <td>ocation</td> <td>Aros, f</td> <td>Cal</td> <td>Н<del>о</del></td> <td>Mar</td> <td>Apr</td> <td>May</td> <td>unp</td> <td>الا</td> <td>Aug</td> <td>Ses</td> <td>ಕ</td> <td>Š</td> <td>Š</td> <td>Annual</td> <td>Remarks</td>	ocation	Aros, f	Cal	Н <del>о</del>	Mar	Apr	May	unp	الا	Aug	Ses	ಕ	Š	Š	Annual	Remarks
Principle         90,852         22,012         27,147         27,986         15,860         15,426         56,200         75,500         74,024         44,928         11,860         12,047         17,703         44           0,7 or 0,540)         66,856         25,062         30,901         31,868         18,165         17,550         61,928         83,032         53,830         14,191         14,422         21,213         4           octal)         72,860         26,566         32,510         33,532         19,110         16,311         15,928         9,640         2,525         2,571         3,801           5         0         <	Balamoun (Fr. Damietta)	12,008	4,357	5,363	5,548	3,150	3,020	11,275	15,062	14,708	8 8 9	2,332	2,375	3,510	79,598	
0.7 or 0.5*C) 66.856 25,062 30,901 31,868 18,165 17,550 61,928 83,031 81,378 49,379 13,025 13,709 20,160 4   72,860 26,369 32,510 33,532 19,110 18,456 67,565 90,561 83,722 53,830 14,191 14,422 21,213 4   5	Salamoun (Fr. Balamoun)	60,852	22,012	27.147	27,986	15,960	15,436	56,290	75,500	74,024	44,928	11,860	12,047	17,703	400,894	
13,004   12,860   26,369   32,510   33,532   19,110   18,456   67,565   90,561   88,732   53,830   14,101   14,422   21,213   4	Balamoun (+0.7 or 0.5*D)	66,856	25,062	30,901	31,868	18,165	17,550	61,928	83,031	81,378	49,379	13,025	13,709	8,188	448,157	
13,004   4,718   5,808   6,006   3,411   3,271   12,210   16,311   15,928   9,640   2,525   2,571   3,801   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Balamoun (Total)	72,860	26,369	32,510	33,532	19,110	18,456	67,565	90,561	88,732	53,830	14,191	14,422	21.213	480,482	
13,004    4,718    5,808    6,006    3,411    3,271    12,210    16,311    15,828    9,640    2,525    2,571    3,801    3,801    3,801    3,201    7,192    22,451    30,992    31,240    9,240    2,525    2,571    3,801    3,801    3,801    2,302    3,150    3,1	Downstroam		1	,	4	•	764		440		0	2030	0 634	400	000 90	
13.004 4,718 5,808 6,006 3,411 1,210 16,311 15,928 9,640 2,525 2,571 3,801 1,902 1,004 4,718 5,808 6,006 3,411 3,271 12,210 16,311 15,928 9,640 2,525 2,571 3,801 1,575 1 1,502 4,357 5,363 5,546 3,150 2,2451 1,220 14,708 8,901 2,332 2,375 3,510 1,00,734 36,264 44,858 46,013 26,418 25,899 80,951 122,803 12,1,92 73,897 19,748 19,798 29,079 6 1,00,734 128,549 78,348 20,914 21,641 31,536 7 1,539 100,734 36,218 20,218 100,226 13,786 135,800 82,199 22,080 22,354 32,530 7 1,539 10,700 1,00,74	Arter B. PS	45.5	8.7.4 8.0	5,808	8.	- 1 * *	- ( V	3,4	- 0	0,420	}	, , , , , , , , , , , , , , , , , , ,	, (	3	3	
10.004 4,718 3,500 12.001 3,192 12.2451 10.092 31,240 10.329 5,363 5,360 7,575 1  28,878 9,534 11,903 12,021 3,192 12.2451 30,992 31,240 10,329 5,383 2,375 3,510 1  31,008 4,357 5,383 5,546 3,150 3,150 11,275 15,062 14,708 8,901 2,332 2,375 3,510 1  31,008 4,357 4,858 46,013 26,418 25,899 90,951 122,303 121,192 73,897 19,748 19,979 29,079 9  31,009 112,742 40,621 50,221 51,559 28,528 130,334 128,548 78,348 20,914 21,641 31,530 7  31,008 2,857 3,760 3,972 2,209 102,226 137,865 135,900 22,080 22,080 72,354 32,150 3,900 12,354 3,510 3,900 12,332 2,180 3,900 12,300 7,533 3,510 3,900 11,275 15,062 14,708 8,901 2,332 2,375 3,510 3,900 11,275 15,062 14,708 8,901 2,332 2,375 3,1240 7(2,228 131,520 139,051 131,520 13,520 13,520 130,112 131,520 131,5	Befor B. Po		2,5	2 200	98.4	21.5	1266	01001	7.7.21	20031	0840	2 525	2 571	3 201	88 200	***************************************
26,878 8,534 11,803 12,021 7,047 7,192 22,451 30,992 31,240 19,029 3,003 3,000 7,375 7 12,008 4,357 5,363 5,546 3,150 3,020 11,275 15,002 14,708 8,901 2,332 2,375 3,510 100,734 36,284 44,858 46,013 26,418 25,899 80,951 122,803 12,1,92 73,897 19,748 19,979 29,079 6 100,734 36,284 76,348 20,914 21,641 31,536 7 12,742 40,621 50,221 51,559 29,588 28,919 102,226 130,334 128,548 78,348 20,914 21,641 31,536 7 12,500 2,857 3,760 3,972 2,216 2,204 6,127 8,717 8,920 22,080 22,080 22,080 7 2,150 7 1,530 7 1,570 8,920 25,585 1,679 1,679 1,533 2,180 7 1,6875 39,721 48,618 49,985 28,634 28,104 97,078 131,520 130,112 7 19,427 21,512 31,240 7 1,14758 42,171 52,372 53,897 74,740 148,758 23,374 33,697 74,740 144,758 42,171 52,372 53,897 74,740 148,759 23,744 33,697 74,740 144,758 42,171 52,372 23,744 33,697 74,740 144,758 42,171 52,372 23,744 33,697 74,740 144,758 42,771 52,374 33,697 74,740 144,758 42,771 52,375 33,747 33,697 74,740 144,758 42,771 52,375 33,747 33,697 74,740 144,758 42,771 52,375 33,747 74,740 146,771 144,758 146,771 144,758 146,771 144,758 146,771 144,758 146,771 144,758 146,771 144,758 146,771 147,771 146,771 146,771 146,771 146,771 146,771 146,771 146,771 146,771 146,771 147,7	lota or US	3.5	0 /	0,000	33.5	12.0	1770	2,2,00	00000	0,0,0	200	2020	0000	100	12000	
12,008 4,357 5,363 5,546 3,150 3,020 11,275 15,002 14,706 5,501 2,532 2,537 5,100 100,734 36,284 44,858 46,013 26,418 25,899 80,951 122,803 121,192 73,897 19,748 19,979 25,079 6 100,734 36,284 46,812 49,815 28,613 26,819 102,203 121,192 73,897 19,748 19,979 13,742 40,621 50,221 51,559 28,519 102,226 130,334 128,549 78,348 20,914 21,641 31,536 7 13,536	Midatream	26,878	9534	1,903	12,021	3	7.192	12,457	26602	37,240	425.81	3,305	3,000 3,000 3,000	0/0/	20,000	
100,734 36,284 44,858 45,013 26,413 25,639 90,351 122,530 121,192 75,537 13,146 13578 25,078 100,734 36,284 44,858 45,013 26,643 130,334 128,548 78,348 20,914 21,641 31,536 112,742 40,621 50,221 51,559 29,588 28,919 102,228 137,885 135,800 82,799 22,080 22,354 32,550 12,500 12,354 32,550 12,354 32,550 13,503 2,180 15,003 12,008 4,357 5,383 5,548 3,150 3,020 11,275 15,062 14,708 3,901 2,332 2,375 3,510 108,754 42,171 52,372 53,885 30,218 102,716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 11,4758 12,375 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 83,903 22,593 23,774 33,697 74,703 10,2716 139,051 137,468 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,469 10,2716 139,051 137,470 12,170 137,470 12,170 12,170 12,170 12,170 12,1	Total at Bindry (Fr. Darniette)	12,008	4,357	555.c	9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	961,8	200	3,273	790,007	20,74	1 C	4.55.4 7.55.4	6,5,7	2.00	000000000000000000000000000000000000000	
106/738 38,314 48,612 49,895 28,623 28,013 96,589 130,534 123,546 20,914 21,541 31,545 112,742 40,621 50,221 51,559 28,568 28,919 102,226 137,865 135,800 22,799 22,080 22,354 32,550 12,008 4,357 5,363 5,546 3,150 3,020 11,275 15,062 14,708 8,901 2,332 2,375 3,510 108,754 39,121 48,618 49,985 28,634 28,104 102,718 130	Total at Bindry (Fr. Balamoun)	100,734	36,284	808,44	46,013	26,418	888'07	CR'CA	122,803	761,121	18001	0.740	20.00	20,00	201,100	
112,742 40,821 50,221 51,508 28,819 102,220 15,500 15,500 52,620 22,000	Total at Bindry (+0.7 or 0.5*D)	106,738	38,314	48,612	68,88	28,623	7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	330,00 000,00 000,00	400,000	28,240	20,00	\$2000 \$2000 \$2000 \$3000	140,12	00000	726700	
eam 8020 2.857 3.760 3.972 2.279 0.127 8.77 0.920 3.559 1.535 2.759 2.709 (Fr. Damietta) 12,006 4.357 5.363 5.546 3.150 3.020 11.275 15.062 14,708 8.901 2.332 2.375 3.510 (Ex. Damietta) 108,754 39,121 48,818 49,985 28,634 28,104 97,078 131,520 130,112 79,452 21,427 21,512 31,240 (+0.5 or 0.7*Φ) 114,758 42,171 52,302 52,887 30,839 30,218 139,051 137,468 83,993 22,593 23,174 33,897 34,720 136,721 137,468 83,993 22,593 23,174 33,897 34,720 136,721 137,468 83,993 22,593 23,174 33,897 34,720 136,721 137,468 83,993 22,593 23,740 34,740 136,721 137,468 83,993 22,593 23,740 34,740 136,740 1	Total at Bridry	112,742	40.627	30,227	CC'1C	29,208	8 8 8 8	102,220	500,/51	36,55	88/70	307,22	100,22	06,20	25.55	
(Fr. Darmietta) 12,008 4,357 5,343 5,546 3,150 3,020 11,275 15,062 14,708 8,901 2,332 2,375 3,510 (Fr. Darmietta) 108,754 39,121 48,618 49,985 28,634 87,078 131,520 130,112 79,452 21,427 21,512 31,240 (Fr. Darmierta) 114,758 42,171 52,372 53,867 30,839 30,218 132,778 139,051 137,468 83,903 22,593 23,174 33,697 3,400 83,697 3,400 83,697 3,400 83,697 3,400 83,697 3,400 83,697 34,740 34,404 106,952 148,607 148,607 83,607 83,787 34,740	Upstream	8,020	2,857	3,760	3,972	2.216	7.204	6,127	8.717	8,920	2000	6/9/1	3	2 7	3/3	
(Ex. Damienta) 108,754 39,121 48,618 49,985 28,634 28,104 97,076 151,520 150,112 79,452 21,427 21,512 51,540 (Ex. Damienta) 114,758 42,171 52,372 53,867 30,839 30,218 102,716 139,051 137,466 83,993 22,593 23,174 33,697 34,404 150,550 53,774 37,750 34,52 53,877 34,750	Total (Fr. Damietta)	12,008	4,357	5,363	5,546	3,150	3,020	5,5,11	15,062	14,708		7,537	0/2/2		28C'8/	
(+0.5 of 0./+D) 114,08 42,111 52,512 54,513 54,512 54,513 124,510 124,510 124,510 55,511 5,51	Total (Ex. Damietta)	108,754	39,121	8,618	48,980 CB 6,00	48.087	401.02 0.00 0.00 0.00 0.00 0.00 0.00 0.00	2/0/2	550,151	30,135	704'87	174,12	310,13	200000	200.007	
	Total (+0.5 or 0./+D)	4.70	42,171	2/5/5	34,854	30,00	30,418	104.710	200	004,75	3	24.74	17.07	100,00	2000	

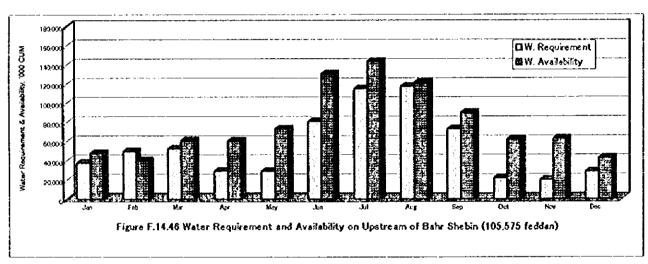
artern		Ca Ca	Area Clan Feb Mar	į	ΑÞ	À	c C C	3	Aug	Sep	รู	Nov	8	Annual	YOUNGLY P
Table F.14.82 Cropping Pattern 200 Location Are Basandila (Crainage) 11 Bahr Shebin (MS) 5 Raish Bildes (Crainage) 5 Raish Bildes (Crainage) 72	67.080	23.895	31.447	33,226	18,535	18,436	51,247	72,909	74,607	46,461	14,045	12,821	18,070	415,699	
Table F.14.82 Cropping Pattern 200 Location Are Basendile (Drainage) 11 Basandila (Ex. Drainage) 47 Bahr Shebin (MS) 5 Bahr Shebin (MS) 5 Raiah Bilges (Drainage) 32															
Location Area Besendila (Prainage) 11 Besendila (Ex. Drainage) 47 Behr Shebin (MS) 5 Reah Bildes (Drainage) 35	OK Wate	P. Declarity	ment in 'Ot	S CUM P	M oo M	odified Per	nman Meth	od (Canal:	Bahr Shebin)	bin)					•
***************************************	oe.	Ca.	Feb	Mar	Apr	Mary	ra S	lac	Aug	Sep	oet O	Nov	Dec	Annuai	Remarks
		4243	5,223	5.401	2067	2941	10.980	14,688	14.323	8,659	2271	2,312	3.419	77.577	
	47 443	17,084	21.120	21.643	12.442	12,228	42,641	57,647	56,961	34.762	9,311	9,413	13,678	308,909	***************************************
***************************************	5025	1 782	2.225	2,247	1318	3.35	4,197	5,794	5,841	3,614	8	.82	1,478	31 784	
	5400	12844	15,810	16.350	9 205	8 803	37,239	44.402	43 360	26.242	6,874	2000	10.348	234.658	
_	14.309	40.998	50.83	51.934	29,977	29,697	101,230	137,421	136,331	83,433	22,512	22,704	32,797	739,862	***************************************
Barr Shabin (MS)	5,545	12,608	15,741	15.897	9,320	9,512	29,690	40,986	41314	25,562	7,093	7,089	10,017	224,829	144444444444444444444444444444444444444
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	74 550	5241	6.487	6.657	3.878	3735	13.174	17,774	17.528	10 662	2850	2885	75	95,022	
(out	49:15	53.580	66.356	67,929	39,105	38,539	133,339	180,520	178,618	109,112	29,300	29,596	42,914	962,908	***************************************
***************************************	979	702	876	885	518	530	1,653	2,282	2300	423	395	395	558	12,518	
(wasuin	67 644	22.328	27.514	28.407	16.168	15,580	57.393	76.844	75.211	45.592	11,995	12.198	17671	407,196	
(400	353.416	128 733	157.150	160.536	92 690	850	312.751	424.651	421.364	257,906	69,613	70,198	101,378	2,286,810	
	415,080	149,060	184.884	188,938	108,849	07,430	370.144	501,495	496,575	303,498	81,608	82,396	119,349	2.694,006	
US)	8.470	8.578	8,659	9,148	5,104	5,076	14,111	20,075	20,543	12,793	3,867	3,530	4,975	114,480	
metta)	12,008	4,357	5,363	5,548	3,150	3,020	11,275	15,062	14,708	8,901	2,332	2,375	3,510	79,598	
			48,618	49,985	28,634	28,104	97,078	131,520	130,112	79,452	21,427	21,512	31 240	706.802	######################################
Bahr El Mallah	7,080	23,895	31,447	33,228	18,535	18,436	51,247	72,909	74,607	48,481	14,045	12,821	18070	415,699	***************************************
	20,025		9,388	9,919	5.533	5,504	15,299	21,785	22.272	13,870	4,193	3,827	5,394	124,096	
Total (Fr. Damietta) 12,	12,008	4,357	5,363	5,548	3,150	3,020	11,275	15,062	14,708	8,901	2.332	2,375	3,510	79,598	
		<b>.</b>		28 402	16.168	15.580	57.383	26.84	75.211	45 582	11,895	12.198	17.871	407.198	
Total (Ex. Above both)	567,745 2		_	262,813	150,487	148,970	490,486	670,920	668,898	410,481	113,145	111,889	161,057	3,647,363	
Total (Ex. Damietta) 629,		225,788	282,775	291,216	166,655	164,550	547,879	747,764	74,110	456,073	125,140	124,087	179,028	4,055,064	
Total of Bahr Shebin	641,397	230,145	288,138	296,762	169,804	167,570	559,153	762,825	758,818	464,975	127,472	126,462	182,539	4,134,662	
* Orainage										•		,	1	4	
Basandila	53,290	20,034	24,776	25,424	14,589	14,287	48,131	64,981	64,123	39,096	10,446	1.031	16,069	898'ZCC	
n (MS)	5,025	1,782	2,225	2,247	1,318	1,345	4,197	5,794	5.84	3,614	 8.	28	4.6	23,12	
Rainh Bilgas	132,009	49,987	61,899	63,379	36,476	35,929	117,849	159,622	158,011	96,554	25,949	27,604	40,041	8/3,298	
bin (MS)	35,545	12,608	15,741	15,897	9,320	9,512	29,690	40,986	41,314	25,562	7.083	7,089	10,017	224,829	
ξ.	154,765	56,423	69,876	71.534	41,130	40,582	138,401	187,369	185,391	113,248	30,409	31.166	45,192	1,020,343	
NS)	1,979	702	876	285	519	530	1,653	2,282	2,38 2,38	1,423	395	395	558	12,518	***************************************
	382,613	141,537	175,394	179,366	103,401	102,183	339,922	481,035	456,979	279,497	75,295	78,287	113,293	2.515,761	
(Sn	18,470	6,579	8,659	9,148	5.194	5,076	14,111	20,075	20,543	12,793	3.867	3,530	4,975	114,460	
Bahr El Sahel	114,758	42,171	52,372	53,867	30,839	30,218	102,716	139,051	137,466	83,903	22,593	23,174	33,697	752,066	
	67.080	23,895	31,447	33,226	18,535	18,436	51,247	72,909	74,607	46,46	50.4	12,821	18,070	415,699	
Bahr Shebin (US)	20,025	7,133	9,388	9919	5,533	5,504	15,299	21,765	22,272	13,870	4,193	3,827	2,394	24,035	

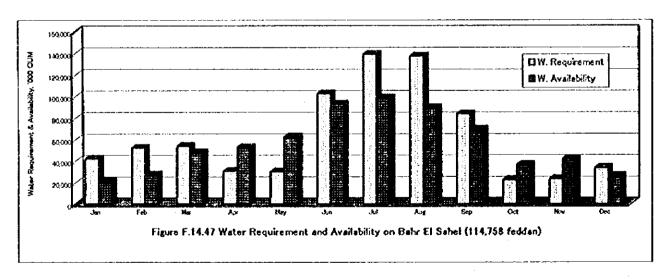
Table F.14.83 Comparison between Cropping Pattern 200% Water Requirement based on Medified Penman Method and Availability, '000 CUM	tween Crop	ping Patte	rn 200% Wa	ater Requi	ramont be	sod on Mo	diffed Penr	nan Matho	and Ave	ilability, 'X	NO CUM	4	Irriga. Efficiencys	iency=	0.68
Location	Aroa, f	Jan	Feb	Mar	Apr	May	Lun	Joj	Aug	Sap	ö	Nov.	Dec	Annual	Remarks
Bahr Tera (Required)	154,765	56,423	89,876	71,534	41.180	40,582	138,401	187,369	185,391	113,248	30,409	31,166	45,192	1,020,343	
Bahr Tora (Avairable)	26%	32,127	41,973	78,222	86.432	104,322	151,922	165,290	153,839	120,257	71,373	74,712	52,990	1,133,458	
Surpluse or Deficit, %		-76	9	CD.	52	9	œ	-13	-5	Ø	57	28	15	5	
	382,613	141,537	175,394	179,366	103,401	102,183	339,922	461,035	456979	279,497	75,295	78,287	113,293	2,515,781	***************************************
Rahbeen (Available)	63%	65,958	100,550	165,646	175,730	221,416	344,977	379,982	336,172	232,179	125,132	155,318	112,741	2,415,802	
Surpluss or Deficit, %		-115	-74	ස <b>ා</b>	4	\$	•	-21	-38	<u>۾</u>	\$	S	የ	4	
Bahr El Sahol (Required)	114,758	42,171	52,372	53,867	30,839	30,218	102,716	139,051	137,466	83,903	22,593	23.174	33,697	752,066	
Bahr El Sahel (Available)	19%	21,386	27,318	47,985	52,629	62,617	93,264	98,446	39,747	69,368	36,356	41,832	26,150	667,199	
Surpluss or Deficit, %		-97	- 1				<u>-</u>	- 1	-53		တ္တ	Ş	58	က 1	
€	602,946	221,314	277,259	285,526	163,412	161,418	523,294	4.834	711,868	436,523	119,993	12,646	175,429	3,922,082	
Bahr Shebin (Available)	1005	135,169					568,640		547,233		223,846	280,253	181,803	4,026,117	
Surpluss or Deficit, %		48	-65	7	53	55	83	-15	-30	-	46	53	4	3	
(*) iban and Garage of and Garage	(alibration of														
	225 RGO	24.412	104 641	106 927	R1 703	61 072	100 868	271 384	260 288	464.828	74.400	707 AA	47 649	****	
Avairable	378	33,129	57,700	86.539	88.779	116.565	191.402	212.410	180 034	110.499	53.384	80,211	50.193	1 269 826	
Surpluse or Deficit, %		-155	-81		-24 30	48		-28	Ş	4	1	42	-14	-17	
Before Sahol+Rahbeen (Upstream of Bahr Shebin)	n of Bahr S	hobin)	¥04471044110004110754	ž	I D 0 0 0 0 1 1 1 2 0 1 0 1 0 0 0 0 0 0 0 0	**************************************	*****	010110111111111111111111111111111111111	***************************************		7004	7d 14 a 2 4 a 4 a 7 a 7 a 7 a 7 a 7 a 7 a 7			
Required	105,575	37,607	49,493	52,293	29,172	29,016	80,656	114,749	117,422	73,123	22,105	20,179	28,439	654,255	
Avairable	18%	47,825	40,396	60,985	60,787	72,871	130,399	143,039	121,314	39,985	62,357	83,00	42,911	943,117	
Surpluse or Deficit, %		21	-23	14	25	9	38	8	3	19	65	88	2	3	
Irrigation Efficiency=	0.68														
Total of Bake Chatis Do	102 201														
Total of Bahr Shahin MS	200,000														
Total of Bahr Shahin 110	113,595														
Total of Bahr Shebin	641,397														
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Total	695,223 E	xeluding N	895,223 Excluding New Reclamation Area	ation Area	of 56,000 feddan	neppe									
Total of Operroam	167,421														
Total of Downstream	303.927														
New Reclamation area	56.00	-													
Total	751,223	695,223 (	695,223 (excluding New Reclamation Area of 56,000 feddan)	ew Reclar	ation Area	of 56,000 f	(oddan)								
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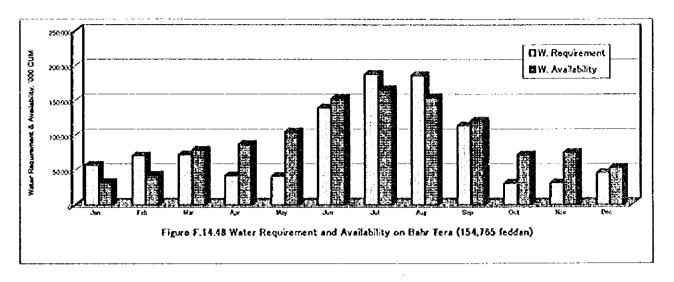
Table F.1484 Unit Water Requirement based on Modified Penman Method in CUM pe	Reguiren	nent ba	Page	¥	\$	e E	Š	90476	ŭ Š		of feeding	7	i	Tage .	1				ľ	ļ			1	1			ľ	į		ľ	I		1			֭֓֞֝֟֓֓֟֩֓֓֓֓֓֟	
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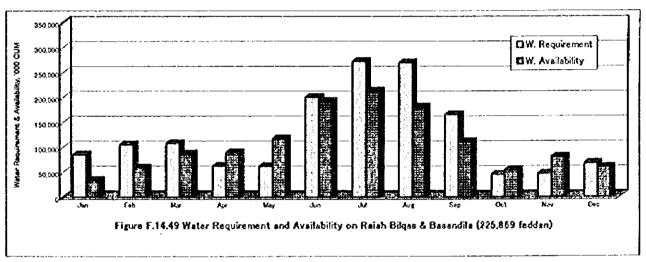


Table F.14.86 Present Cropping Pattern Water Requirement in '000 CUM based on Medified Penman Method (Canal; Bahr Tera, Downstream+Midstream)	g Pattorn	Nater Req	uiroment i	no 000.	A based or	Modified	Penman M	ethod (Ca	nal; Bahr	ora, Down	stream+M	dstream)			1/1
Cocanon	7,04,		202	L. Carlot	250	View.	Cur	500	No.	200	ğ	No.	8	Anunai	Komerks
After MPS															
Mixing	39,055	13,201	15,827	15,835	9,761	9,931	36,633	46,396	43,548	27,445	7,283	7,473	10,792	244,125	
Dreiners only	3.250	8807	7757	1318	87.8	826	3.040	3861	3.624	2204	900	225	868	20.315	
Drainage (Mixed)	0000	2231	2.675	2.676	0597	8797	6.191	7847	7328	4.630	1231	1.203	1.824	41.255	
El Mansour	45,700	15,447	18,520	18,529	11,422	11,621	42,866	54,290	50,957	32,115	8,522	3,745	12,629	285,682	
Before MPS	•	•	•	•	•	•	<	•	•	•	•	•	•	•	
Prosinger (Misery)	> <	9 6	9 6	9 6	> 0	> <	> <	<b>&gt;</b>	<b>&gt; c</b>	> 0	<b>&gt;</b> c	> <	<b>&gt;</b> C	<b>&gt;</b> (	
Total of O S (Orangement)	V500	2 000	2000	2007	2462	2505	0220	11 707	10001	6008	700,	, 000	2020	013.10	***************************************
Total of D.S.(Ex. Drainage)	84.755	28.649	34.348	34.363	2.18 1.183	21.552	79.498	100,685	94.505	59.559	15.805 205	16 218	35.	187.67	
Total of D.S.	94,605	31,978	38,340	38,357	23,645	24,057	88,738	112,386	105,488	68,481	17,642	8 103	26.143	591.357	
Midstream															
Fresh	64,360	25,788	31,738	30,702	17,701	18,987	83,382	102,410	95,750	63,554	16,374	13,983	20,079	520,450	
Drainage (Mixed)	4 700	1,883	2,378	2,242	1,293	1.387	8080	7.47.9	6.992	4.641	1,196	1021	1,466	38,007	
Total (Orainage)	14.550	5.213	0.310	6.236	3.754	3.891	15.320	19.180	17.075	11.563	3.033	2906	4.188	115'08	
(ožeu	149,115	54,437	980'99	65,085	38,884	40,540	162,880	203,096	190,255	123,114	32,179	30,201	85.58	1,050,237	
(+0.0*D)	149,115	54.437	980'99	65,065	38,884	40,540	162,880	203,096	190,255	123,114	32,179	30,201	43,500	1,050,237	
Total	163,665	59,649	72,396	71,301	42,639	44,431	178,208	222,276	208,231	134,677	35,212	33,107	47,689	1,149,814	:
1	:					;	;	:		,					
lable F.14.8/ Present Cropping Pattern Water Requirement in 000 CUM based on Modified Penman Method (Canal; Raiah Bilgas, Downstream+Midstream)	Fattorn	Vator Kod	urement 17	000 t	no pessed v	Modified	Penman M	ethod (Ca	Tang.	Sidas Ogas	vnstroam+	Midstroom			
Location	Area, 1	Can	-00 -00	Mar	Apr	Мау	Jun	Jan	Aug	Sep	ಕ	No.	2 0	Annual	Romarks
Downstream El Eslah												!			
Drainage only	11.420	2.360 6.416	4.628	4630	2854	2.904	77.707	23.500	12.734	\$ 5025	2130	281.2	3156	71.384	
1 CONT. I CONT			760',	2001		/30,C	5	K.K., C. 43	20171	022.2	7.0.0	720,5	0,242	/#0,011	***************************************
Drainage only	23,980	8,106	8.718	9.723	5.993	8609	22493	28.487	26.739	16.851	4.472	4589	2089	140 ROA	
Fresh	11.621	3,928	4,710	4,712	2.904	2,955	10,900	13,805	12,958	8,166	2,167	2,224	3,211	72.641	
Total of El Nilo (Drainage)	35.400	99871	14,346	14,353	8.848	2008	33,204	42054	38472	54.876	1099	6.774	9.782	221.278	
Total of El Nile (Ex. Oran)	30,602	10,34	12,402	12,407	7,848	7.782	28,704	36,354	34,122	21,505	5,707	5,856	8,457	191,287	
local of El Nile	96,002	22,310	26,748	26,760	16,496	16,784	61.908	78,407	73,595	46,381	12,308	12,629	18,239	412.586	
D. Halle Chenab	6,700	2,265	2,715	2,716	1,675	\$	6.284	7,959	7.471	4,708	1,249	1,282	1.851	41,880	***************************************
Total of D.S. (Fy. Drainage)	55 55	2000	15 117	15 120	0 223	9007	33,704	42054	79 472	24 876	7093	6774	25.55 5.55 5.55 5.55 5.55 5.55 5.55 5.5	221.278	
Total of D.S.	72,702	24,575	29,463	29,477	18,171	18,487	68,193	86,367	81,065	51,089	13.557	13.912	20,00	454.446	
Downstream'	18,161	6,139	7,360	7,363	4,539	4,618	17,035	21,574	20.250	12,762	3,387	3,475	5,019	113,521	
Midstream B. Hafir Shehab	6.620	2.653	3.265	3.158	1.821	1.953	8577	10.534	678 6	6.537	1 884	1 438	2005	69 639	
Total of B. Hafir (Drainage)	35.400	99611	14.348	14.353	8888	2000	202 55	42054	20472	378 45	6604	8.778	0 789	201.00	
Total of B. Hafir (Ex. Orain)	62,083	2.48 84.5	25,742	25,645	15,683 15,683	16.057	86,68	76,421	71.692	45.512	12,027	12.051	17,392	400 22	
Total of B. Hafir	97,483	33,366	40,088	39,998	24,530	25,059	93,804	118,475	111,164	70,389	18,628	18,825	27,174	621,500	
Relian Bildas	14,248	5,708	7,028	6,797	3,919	4,203	18,459	22,672	21,197	14,070	3,625	3,096	4,445	115,217	
G. E. Massara	37,978	15,217	18,728	18,117	10445	\$ \$ 7	49,202	60,431	58.501	37,503	9,662	8,251	11,849	307,111	
Total of M.S.	28.846 28.846	23,579	29,019	28,072	16.185	17,361	76,238	93,636	87.547	58,109	14,971	12,785	18,359	475,861	
Total (Drainage)	22400	17.968	14.340	14.353	8 648	800%	33.20	42.054	39.472	24.876	080	6.774	8.782	221.278	
	114.300	42,320	51.408	50.00 50.55 50.55	2,5	24 464		420,801	000000	\$ 60° C	415,02	26.62	33,535	822,549	
	149 709	202	85.842	84.012	28.90	40 48R	161 488	475,861	20,000	480.75	415,03	26,62	23,036	822,549	
		22.00	2: ^(^)	21,71		24	1	2121	200,000		51,910	37:12	40,400	1,040,040	

Location	Aroa, f	Location Area, f Jan Feb Mar	Feb	Mar	Apr	Мау	Jun	lul lul	Aug	g S	to	AON N	200	Annual	Xonarks
Downstream	;			3	0	7	0000	***	00000	0 000	9 101	0000	1000	79.007	
Oreinare only	11.694	3.953	4 738	4,741	2,923	2/67	10,969	13,692	43,039	07/0	1017	5 500	0000	197001	
Downstream'	29,066	9,825	11,779	11.785	7.265	195./	27.203	34,023	32,410	CZ+02	0.440	2,000	0.002	101,000	
Midstream	18.377	7,363	9,082	8,767	5,054	5,422	23,808	29,242	27,340	18 147	4,675	3,993	5,733	148,607	
Total (Orainage)	11.694	3.053	4.738	4.741	2.923	2.974	10.969	13.802	13,039	8.218	2,181	2238	3.7.37	180%	
Total (Ex. Drainage)	47,443	17,188	20,842	20,551	12,319	12,813	51,072	63,771	59,750	38,572	9600	9,554	13,765	330,292	
Total (+0.0#D)	47,443	17,188	20,842	20,551	12,319	12,813	51.072	63,771	59,750	38,572	10,096	9,554	13,765	330,292	
Total	59,137	21,141	25,581	25,292	15,242	15,786	62.040	77,663	72,789	46.780	12,276	11,792	16,997	403,389	
						-									
Table F14.89 Present Cropping Pattern Water Requirement in '000 CUI	g Pattern	Water Reg	uromont i	400 CUN	t based on	Modified	Penman M	ethod (Car	sal; Balamo	W based on Modified Penman Method (Canal; Balamoun, Downstream+DS'+Midstream)	tream+DS	+Micstros	(E		1/
Location	Aros, f	ra Lan	F.	Mar	Apr	May	Jun	Jul.	Aug	Sep	Oct	Nov	900	Annual	Remerks
Downstream													•	;	
Fr. Damieta	6,608	2,234	2,678	2,679	1,652	1.680	6,198	7,850	7,368	4.644	1,232	1,284	1,828	41,305	
Balamoun	3,611	2,911	3,490	3,491	2,152	2,190	8,077	10,229	9,602	6,051	1.606	1,648	2,380	53,826	
Downstream'														!	
Fr. Damieta	5,400	1,825	2,188	2,139	1,350	1,273	5,065	6,415	6,021	3,795	1,00,	1,033	1,492	33,754	
After K. Saad PS	29,381	9,931	11,907	11,912	7,343	7,471	27,559	34,903	32,761	20,647	5,479	5,822	3,119	183,655	
Befor K. Saad PS	14,695	4,967	5,955	5,958	3,673	3,737	13,784	7,457	16,385	10,327	2,740	2,812	4,081	91,856	
Midstroam															
Befor K, Seed PS	8,165	3.272	4,026	3,895	2,246	2.409	10,578	12,992	12.147	8,063	2,077	1,774	2,547	66.027	
Total (Fr. Damiette)	12,008	4,059	4,866	4,869	3,001	3,054	11,263	14,265	13,389	8,438	2,239	2,298	3,318	75,060	
Total (Fr. Balamoun)	60,852	21,081	25,378	25,257	15,414	15,807	59,997	75,582	70,895	45,087	11,902	:1,856	17.107	395,363	
Total (+0.0+D)	60,852	21,081	25,378	25,257	15,414	15,807	59,997	75,582	70,895	45,087	11,902	11,856	17,107	395,363	
Total	72,860	25,140	30,245	30,125	18,415	18,860	71,261	89,847	84,285	53,526	14,141	14,153	20,425	470,422	
		-													
Table F.14.90 Present Cropping Pattern Water Requirement in '000 CU	og Pattorn	Water Req	uirement		# based or	Modified	Penman M	lethod (Ca	nal; El Sah	M based on Modified Ponman Mothod (Canal; El Sahol, Downstroam+DS+Midstroam+Upstream)	roam+DS'-	Midstroam	n+Upatres	(m)	1/1
Location	Aroa, f	nan	Feb	Mar	Apr	May	ر ا	Ju	Aug	g S	ğ	Š	å	Annual	Romarks
Balamoun (Fr. Damietta)	12,008	4,059	4.866	4,869	3,001	3,054	11,263	14,285	13,389	8,438	2,239	2,298	ယ က တ	75,060	
Belamoun (Fr. Balamoun)	60,852	21,081	25,378	25,257	15,414	15,807	59,897	75,582	70,895	45,087	11,902	11,856	17,107	395,363	
Balamoun (+0.0*0)	60,852	21,081	25,378	25,257	15,414	15,807	59,997	75,582	70,895	45,087	11,902	11,856	17,107	395,363	
Balamoun (Total)	72,860	25,140	30,245	30,125	18,415	18,860	71,261	89,847	84,285	53,528	14,141	14,153	20,425	470,422	
Downstream'											1		,	4	
After B. PS	13,004	4,396	5.270	5,272	3,250	3,307	12.197	15,448	14,500	9,138	2,425	2,488	3.084	87,785	
Befor B. PS	0	0	0	o	o	o	0	o	0	o	0	0	0	0	
Total of DS'	13,004	4,396	5,270	5,272	3,250	3,307	12,197	15,448	14,500	9,138	2,425	2,488	3,594	81,285	
Midetreem	28,878	10,770	13,255	12,822	7,392	7,929	34,822	42,769	39,987	26,542	6,838	5,840	8,386	217,350	
Total at Bindry (Fr. Damietta)	12,008	4,059	4,866	4,869	3,001	3,054	11,263	14,285	13,389	8,438	2,239	2,298	3,378	75,080	
Total at Bindry (Fr. Balamoun)	100,734	36,246	43,903	43,351	26,058	27,043	710,701	133,799	. 125,382	797.08	21,165	8 2	29,086	683,888	
Total at Bindry (+0.0*D)	106,738	39,087	47,309	46,759	28,157	29,180	112,648	140,931	132,077	84,986	22,285	21,792	3.409	736,621	
Total at B'ndry	112,742	40,305	48,769	48,219	29,058	30,088	118,280	148,064	138,772	89.205	23,405	22.481	32.404	769,058	
Upstream	8,020	3,489	4.448	4,639	2.714	2,535	9,308	12,082	11,706	7,712	2,231	1,960	2,710	65,535	
Total (Fr. Damietta)	12,008	4,059	4,866	4,369	3,00 100,	3,054	11,263	14,265	13,389	8,438	2,239	2,298	3,53 8	75,060	
Total (Ex. Damietta)	108,754	39,735	48,351	47,990	28,770	29.577	116,325	145,881	137,089	88,479	23,398	22,143	31,796	759,533	
Total (+0.0*D)	108,754	39,735	48,351	47,990	28,770	29,577	116,325	145,881	137,089	88.479	23,396	22, 43	31,796	759,533	
1													1	***	

Table F.14,91 Present Cropping Pattern Water Requirement in '000 Ci	ing Pattern	Water Req	uiroment i	1000 cm	A based or	Modified	Penman N	ethod (Ca	enal; Sahr (	Hallah, L	Jostroam)				-
Location	Area, f	Can	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Set Oct	Nov	å	Annual	Remarks
Upstream	67,080	29,183	37,200	38,799	22,701	21,200	77,855	101,055	97,914	64,506	18.660	16,393	22,670	548,139	
		:													
Table F.14,92 Present Cropping Pattern Water Requirement in '000 Ci	ng Pattorn	Water Req	uirement i	n 2000 cul	A based or	Modified	Penman N	lethod (Ce	nal; Bahr S	Shebin)			!		1/1
Location	Area, f	) Jan	Feb	Mar	Apr	Mary		ايال		Sep		Nov	8 0	Annual	Remarks
Basandila (Orainago)	11.694	3.953	4.739	4.741	2.923	2.974	896'01	13,692		8.218	2181	2.238	3231	75.097	
Basandila (Ex. Drainage)	47 443	17,188	20,842	20,551	12,319	12,813	- 1	63,771		38,572	3	9,554	13,765	330,292	
Bahr Shebin (MS)	5,025	2,013	2,478	2,397	1 382	1,482		7,996		4.962		1,092	1,568	40,635	***************************************
Rain Bildas (Drainage)	35.400	99677	14346	14.353	8 840	9002		42054		24.876		6.774	8.787	221.278	
Reigh Bildes (Ex. Dreinage)	114,309	42,326	51,496	50,559	30,047	31,484		159,524		97.084 480.	- 3	23,398	33,686	822,549	20 00 00 00 00 00 00 00 00 00 00 00 00 0
Bahr Shebin (MS)	35,545	14,242	17,529	16,956	9776	10,486		56,560		35.78 8		7,723	1.089	287,436	
Bahr Tera (Drainage)	14.550	5213	6310	6.236	3754	3.897		08/8/		71.563		<u> 2906</u>	4 188	223.88	
Bahr Tera (Ex. Drainage)	149,115	\$4.437	66.086	65,065	38.88	047,04		203,096		123,114		30,201	43,500	1,050,237	
Bahr Shebin (MS)	1,979	793	976	944	<del>5</del> 4	584		3,149		1,954	: 1	දු දි	617	16,003	
Total of Above (Drainage)	67.644	27,131	25,395	25,330	15.525	15,867		75.126		100 00	i	71677	17.202	393,953	
Total of Above (Ex. Drainage)	353,418	131,000	159,407	156,473	92,952	97,369		494,095		300,787		72,397	104,226	2,547,154	
Total of Above	415,080	152,131	184,802	181,803	108 477	113,236		569,220		345,444		84,315	121,428	2,941,106	
Bahr Shobin (US)	18,470	8,035	10,243	10,683	6.251	5,837	1	27,825		17,761		4,514	6,242	150,926	
Bahr Sahol (Fr. Damietta)	12,008	4,059	4,866	4,869	3,891 1	3,054		14,265		8,438		2,298	3,318	75,060	
Bahr Sahol (Ex. Damiotta)	108,754	39,735	48,351	47,990	28,770	29,577	:	145,981		88,479	i	22,143	31 796	759,533	
Bahr El Mallah	67.080 0	29,183	37,28	38,799	22,701	21,200	:	101,055		64,508	•	16,393	22,670	548,139	*********************
Bahr Shebin (US)	20,025	8,712	11,105	11,582	6,777	6,329		30,167		19.257	- 1	4.894	6,768	162,633	
Total (Fr. Damietta)	12,008	4,059	4,866	4,869	3,001	3,054		14,265		8,438		2,298	3,318	75,060	
Total (Orainage)	67.644	21.131	25,395	25,330	15.525	75.867		75.126		44.057		11.917	77.707	393.953	
Total (Ex. Above both)	567,745	216,866	266,306	265,527	157,452	160,312		799,023		490,790	*-	120,342	171,703	4,169,385	
Total (Ex. Damietta)	625,389	237,797	291,701	290,856	172,976	176,179		874,149		535,447	_	132,259	189,905	4,583,337	
Total of Bahr Shebin	641,397	241,856	296,567	295,725	175,978	179,232		888,414		543,386	7-1	134,557	192,223	4,638,397	
+0.0 * Drainage															
Seemolila	47,443	17,188	20,842	20,551	12,319	12,813	51,072	63,771	59.750	38,572	10,096	9,554	13,765	330,292	
Bahr Shebin (MS)	5,025	2,013	2,478	2,397	1,382	1,482	6,510	7.998	7.476	4,962	1,278	1,092	1,568	40,635	
Reigh Biqse	114,309	42,326	51,496	50,559	8 8 7	31,464	128,261	159.524	149 390	97,084	25,314	23,398	33,686	822,549	
Bahr Shebin (MS)	35,545	14,242	17,529	16,956	9.776	10,486	46,050	56,560	52,881	35,18	90 643	7,723	11089	287,436	
Bahr Tera	149,115	54,437	86,086	65,065	38,884	40,540	162,830	203,096	190,255	123,114	32,179	30,201	82.59	1,050,237	
Bahr Shebin (MS)	1,979	793	976	4	<b>₹</b>	28. 28.	2,564	3,149	2,944	1,954	55	430	617	16,003	400000000000000000000000000000000000000
Total of Above	353,416	131,000	159,407	156,473	92,952	97,369	397,337	494,095	462,697	300,787	78,414	72,397	104,228	2,547,154	
Bahr Shebin (US)	18,470	8.035	10,243	10,683	6,251	5,837	21,437	27,825	28,960	17,761	5,133	4,514	6,242	150,926	
Bahr El Sahei	108,754	39,735	48,35	47,990	28,770	29,577	116,325	145,881	137,089	88,479	23,396	3,12	31,796	759,533	
Sahr El Mallah	67,080	29,183	37,200	38,799	22,701	2,28	77,855	101,055	97,914	64,506	18,660	16,393	22,670	548,139	
Bahr Shebin (US)	20.025	8,712	11,155	11.582	6,777	6,329	23,242	30,187	29.230	19,257	5,57	4,894	8.788	163,633	
Total of Bahr Shebin	567.745	216,666	266,306	265,527	157,452	160,312	636,196	799,023	753,889	490,790	131,179	120,342	171,703	4,169,385	

Samples of Deficit. N	•	Table 7. 14.83 Comparison paragel Florent Copins Terror	DONOON PLOSE	0002) JE	ng Pattorn	Water no.		2000000	201100		2						D. marke
Barr Trans (Appaired)   149,112   149,12   149		Location	Area, f	Lan.	Fob	Mar	Apr	May	Sun.	)	Aug	000	j	1	3		
Surpless of Deficit. N		Bahr Tora (Required)	149,115	54,437	980'99	65,065	38,884	40,540	162,880	203,096	190,255	123,114	32,179	30,201	43,500	1,050,237	
Surpluse of Deficit.   Substitute of Substitute of Deficit.   Substitute of Deficit.   Substitute of Substitute of Deficit.   Substitute of Substitute		Rober Tern (Available)	26%	32.127	41.973	78.222	36,432	104,322	151,922	165,290	153,839	120,257	71,373	74,712	52,990	1,133,458	
Particle   Particle		Surplus or Deficit.	i	89	-57	11		5	7	-23	-24	~	55	8	82	_	***************************************
Ambrent (Avalable) 629 6556 100550 10550 10550 22141 6 34477 222172 222172 222172 122171 12214 3		Ookhaan (Oscured)	3.7.5.7.	13,1000	159 407	158.473		97.369	397,337	494,095	462,697	300,787	78,414	72,397	104,226	2,547,154	
Surpliss or Deficit, k  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark El Samel (Required)  Bark Shebin (Reduired)		Debboon (Available)	\$2.00 00.00	65.958	100,550	165.646		221,416	344,977	379,982	336,172	232,179	125,132	155,318	112,741	2,415,802	
Start Extend (Nordurined)   1987/54   397354   473551   473690   28777   18.2325   452.244   39.446   39.747   69.284   39.232   32.147   30.1595   32.147   30.1595   32.147   30.1595   32.147   30.1595   32.147   30.1595   32.147   30		Surpluse or Deficit.		G.	-59	ø	47	28	1.	န	ဆို	န္	37	SS	Ø	۲	***************************************
Bahr El Sahel (Available)         198         27,318         47,985         52,029         62,619         63,144         69,144         69,147         69,188         83,154         47         22         48         47         22         47         22         47         22         47         22         47         22         47         22         47         22         47         22         47         22         47         22         47<		Batr El Sabel (Reguired)	108,754	39.735	48,351	47,990	28,770	29,577	116,325	145,881	137,089	88,479	23,396	22,143	31,796	759,533	
Surples of Deficit \$\frac{4}{1}\$ = \frac{-36}{-36} = \frac{-77}{-75} = \frac{-45}{-56} = \frac{-75}{-75} = \frac{-45}{-56} = \frac{-25}{-25} = \frac{-45}{-48} = \frac{-25}{-25} = \frac{-45}{-48} = \frac{-25}{-25} = \frac{-45}{-48} = \frac{-25}{-25} = \frac{-45}{-48} = \frac{-25}{-25} = \frac{-46}{-48} = \frac{-25}{-25} = \frac{-46}{-48} = \frac{-25}{-25} = \frac{-46}{-45} = \frac{-25}{-25} = \frac{47}{-25} = \frac{-25}{-47} = \frac{-25}{-25} = \frac{-47}{-25} = \frac{-25}{-47} = \frac{-25}{-25} = \frac{47}{-47} = \frac{-25}{-25} = \frac{-47}{-47} = \frac{-25}{-25} = \frac{47}{-25} = \frac{-25}{-25} = \frac{-47}{-25} = \frac{-25}{-25}		Bahr El Sahel (Available)	\$6. \$6.	21,388	27,318	47,985	52,629	62,617	93,264	98,446	39,747	69,368	36,358	41,932	26,150	667,199	
Bahr Shebin (Available)         367,745         216,086         296,0302         755,725         157,745         157,745         177,03         4,00,703         175,70         223,22         21,170         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         20,100         175,70         4,170         20,100         175,70         4,170         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100         175,70         20,100		Surples or Deficit %	•	88		የ		53	-25	<b>₹</b>	-53	-28	జ	47	-22	4.1	***************************************
Bahr Shebin (Available)         100% 135,169 168,264         274,616 289,145         356,000 560,000 560,000         621,467         547,233         391,532         223,046 260,253         18,033         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,032         41,767         67,133         42,733         41,767         67,133         42,733         41,767         67,133         42,733         41,767         67,137         42,733         41,767         67,137         42,733         41,767         67,137         42,733 <td></td> <td>Bahr Shabin (Required)</td> <td>587.745</td> <td>216.666</td> <td>i</td> <td>265.527</td> <td>:</td> <td>160,312</td> <td>636,196</td> <td>799,023</td> <td>753,889</td> <td>490,790</td> <td>131,179</td> <td>120,342</td> <td>171,703</td> <td>4,169,385</td> <td></td>		Bahr Shabin (Required)	587.745	216.666	i	265.527	:	160,312	636,196	799,023	753,889	490,790	131,179	120,342	171,703	4,169,385	
Surplures or Deficit. %         —60         —68         3         46         55         —12         —29         —25         41         54         6           After Bahr Torra (Raiah Biqass & Basandila)         Required         —22         7570         92.345         90.483         53.524         56.246         23.1893         287.850         269.467         175.719         45.731         41.767         90.106         14         —25         —70         —72         —72         —73         41.767         90.106         13         —22         —22         —20         —60         14         —25         —20         —60         14         —25         —20         —60         14         —25         —70         —70         —72         —22         —20         —60         14         —25         —20         —60         14         —25         —20         —60         14         —20		Bahr Shebin (Available)	800	135,169		274,618	•	356,904	568,640	621,467	547,233	391,532	223,846	260,253	181,803	4,026,117	
After Bahr Yera (Raiah Bilque & Basandila) Required Avairable Avai		Surpluns or Deficit, %		9	-58	ဂ	46	55	-12	-29	-38	-25	41	¥	20	4-	
70 92,345 90,463 53,524 56,246 231,393 287,850 269,497 175,719 45,731 41,767 60,108 13 8 57,601 86,480 82,753 116,510 190,492 211,543 179,390 100,868 53,256 80,776 59,133 73		After Bahr Tera (Raian Biloss	& Basandila)														
Avairable Surpluse or Deficit, % 33,038 57,601 88,480 88,753 116,510 190,492 211,543 179,390 109,686 53,256 80,176 59,133 18,000 25 20,000 25 20 20 20 20 20 20 20 20 20 20 20 20 20		Recuired	202,322	75,770		90,483	53,524	56,246	231,893	287,850	269,497	175,719	45,731	41,767	80,108	1,480,913	
Surpluse or Deficit. %         -129         -60         -5         40         52         -22         -36         -50         -60         14         48         -2           Before SaheirRainboom (Upstream of Bahr Shein)         105,575         45,931         58,549         61,084         33,729         33,365         122,534         154,104         101,524         20,369         25,831           Avairable Avairable         18%         47,325         40,386         60,885         60,787         72,871         130,399         12,134         89,885         62,537         63,003         42,911           Surplus or Deficit. %         4         4,55         4,56         60,885         60,787         72,871         130,399         13,14         49,985         62,537         63,003         42,911           Total of Bahr Shebin UP         113,595         17         -13         53         59         17           Total of Bahr Shebin UP         41,387         13,595         13,595         13,595         13,595         14,397           Total of Bahr Shebin UP         41,387         13,595         13,595         14,397         14,397         14,397         14,397         14,397         14,397         14,397         14,397		Avairable	36%	33,038		86,480	38,753	116,510	190,492	211.543	179,390	109,968	53,256	80,176	59,133	1,266,340	
Before Sandi-Rainboom (Upercram of Barr Shebin)         Resulted         105,575         45,801         58,649         61,084         35,729         33,385         122,534         154,104         101,524         29,369         25,801         35,880           Required         105,575         45,901         45,901         41         54         6         -11         -27         -13         53         59         17           Available of Chor Uper US         303,927         -45,901         -45         -0         41         54         6         -11         -27         -13         53         59         17           Inchain Shebin DS         303,927		Surpluse or Deficit. %		129		\$		52	-22	မှ မှ	찬	မှ ရ	<b>*</b>	87	-2	-17	
Required         105,575         45,931         58,549         61,064         35,729         33,385         122,534         154,104         101,524         29,389         25,890         35,890           Avairable         19%         47,325         40,396         60,885         60,787         72,871         130,399         143,009         42,011           Surpluss or Deffoit, %         4         -45         -0         41         54         6         -11         -27         -13         53         59         17           Total of Bahr Shebin DS         303,927         223,875         113,595         7         -13         53         69         17           Total of Bahr Shebin MS         113,595         113,595         7         -13         53,820         17           Total of Bahr Shebin WS         53,826         7         -13         641,397         13,595         17         -13         53,820         17           Total of Other US         53,826         53,826         7         -13         53,826         17         -27         -13         53,826         17           Total of Widerraam         167,421         167,421         167,421         167,421         167,421         167,		Before Sahel+Rahbeen (Upstre	ream of Bahr	Shebin)				49000 I 1 1000 B00 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73145 II 1 4 FI 748 0 F 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8								
Avairable         19%         47,325         40,396         60,985         60,787         72,871         130,399         143,039         121,374         89,985         62,357         63,000         42,911           Surplues or Deficit. %         4         -45         -0         41         54         6         -11         -27         -13         59         17           Integration Efficiency=         0.56          41         54         6         -11         -27         -13         59         17           Total of Bahr Shebin MS         223,875         113,595		Required	105,575		58,549	61,064	35,729	33,365	122,534	159,047	154,104	101,524	29,369	25,801	35,680	862,697	
Surpluss or Deficit. %         4         45         -0         41         54         6         -11         -27         -13         53         59         17           Inrigation Efficiency=         0.56         -0         41         54         6         -11         -27         -13         55         17           Total of Bahr Shebin MS         223,875         223,875         113,595         113,595         113,595         113,595         10tal of Bahr Shebin UP         641,397         10tal of Chhor US         53,826         17         -12         695,223 Excluding New Reclamation Area of 56,000 feddan         167,421         17         -12         17         -12         -12         -12         -12         -13         -12         -13         -12         -13         -13         -12         -13 <td< td=""><td></td><td>Avarable</td><td>18%</td><td></td><td></td><td>60,985</td><td>60,787</td><td>72,871</td><td>130,399</td><td>143,039</td><td>121,314</td><td>89,985</td><td>62,357</td><td>63,003</td><td>42,911</td><td>943,117</td><td></td></td<>		Avarable	18%			60,985	60,787	72,871	130,399	143,039	121,314	89,985	62,357	63,003	42,911	943,117	
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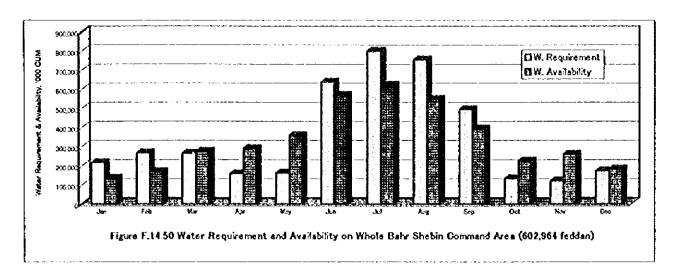
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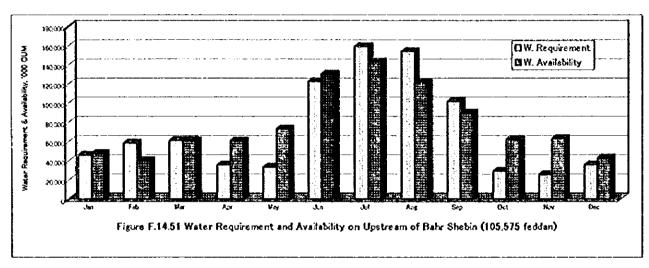
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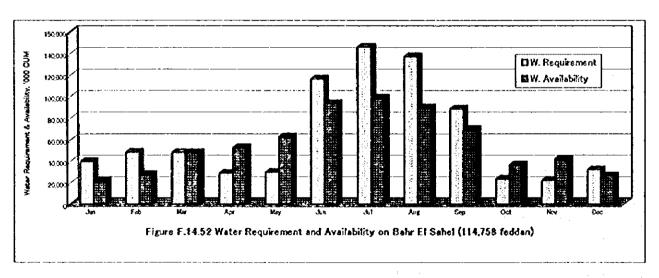
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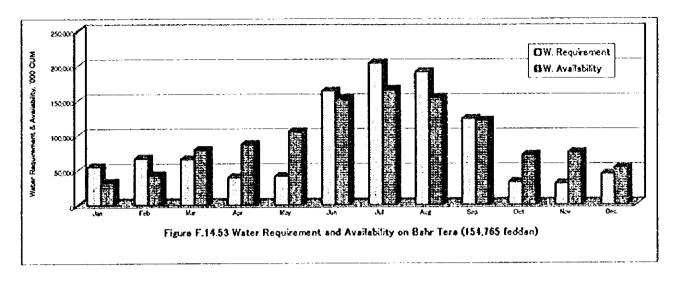
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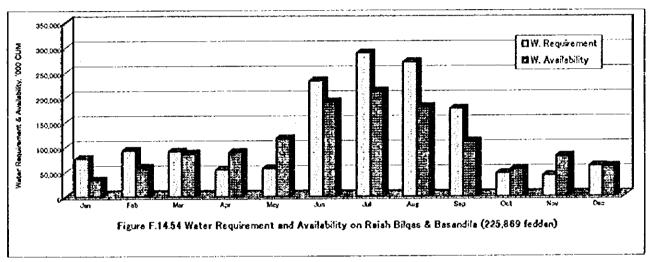
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## Copping Pattern Water Requirement in 1000 CUM  ## Copping Pattern Water Requirement in 1000 CUM  ## Copping Pattern Water Requirement in 1000 CUM  ## Area, f Jan 64.356  ## Area, f Jan 66.086  ## Area, f Jan 7.892  ## Area, f Jan 7.893  ## A	Before MPS		:													
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64,360 25,788 31,738 30,702  4,700 1,883 2,318 2,242  14,552 5,213 6,310 6,266  590) 154,765 57,317 69,581 62,508  154,765 57,317 69,581 62,508  163,665 59,649 72,386 71,301  Area, f Jan Feb Mar  Area, f Jan Feb Mar  22,920 8,106 8,716 4,712  11,621 3,921 6,416 7,692 12,407  68,002 2,265 2,716  68,002 2,265 2,716  69,00 2,265 3,158  14,248 5,708 1,380 1,380 1,380  12,702 24,575 29,463 29,477  18,161 6,139 7,360 7,363  14,248 5,709 7,026 6,797  18,161 6,139 7,326 1,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  14,248 5,709 7,026 6,797  23,5402 12,669 1,347  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,161 6,139 7,326 1,337  18,174 8,579 29,019 28,072  23,5402 12,869 14,346 14,357  23,5402 12,869 14,346 14,357  33,5402 12,869 14,346 14,357  33,5402 12,869 14,346 14,357  33,5402 12,869 14,346 14,357  33,5402 12,869 14,346 14,357  33,5402 12,869 14,346 14,357  335,402 12,869 14,346 14,357  34,509 5,702 61,539 60,606	Total of D.O. (TX: LX and ago)	84.605 805	31.978	38.340	38.357	23.645	24.057	88,738	112,386	105,488	66.481	17.642	18,103	26.143	591,357	
64,360 25,788 31,738 30,702 4,700 1,883 2,318 2,242 54D, 149,115 54,437 66,086 65,065 317 163,685 59,649 72,396 71,301 163,685 59,649 72,396 71,301 163,685 59,649 72,396 71,301 163,685 59,649 72,396 71,301 162,085 12,402 12,402 11,621 3,928 4,710 4,712 11,621 3,928 4,710 4,712 11,621 3,928 4,710 4,712 11,621 3,928 14,346 14,352 11,622 12,310 26,748 26,760 6700 22,65 27,15 27,16 12,702 24,575 29,483 29,477 12,702 24,575 29,483 29,477 13,161 6,139 7,360 1,363 14,248 3,366 40,098 39,998 14,248 3,366 14,367 14,352 14,248 15,217 18,728 18,117 58,846 23,579 29,019 28,072 132,009 50,702 61,539 60,606	Midstroom														•	
14,552   5,213   6,316   6,226   5,437   6,086   6,5065   5,437   6,986   6,5065   5,437   6,986   6,5065   5,437   6,986   6,5065   154,765   57,317   69,581   68,508   71,301   163,685   59,649   72,396   71,301   163,685   59,649   72,396   71,301   1,432   3,828   4,710   4,712   1,8981   6,416   7,692   7,696   1,8981   6,416   7,692   7,696   1,8981   6,416   7,692   7,696   1,9881   1,4322   1,4322   1,4322   1,4322   1,4322   1,4323   1,4323   1,4323   1,4323   1,4324   1,4324   1,4324   1,4324   1,4324   1,4324   1,4324   1,4323   1,4324   1,43	Fresh	64,360	25.788	31,738	30,702	17.701	13,987	83,382	102,410	95,750	83,554	16,374	13,983	20,079	520,450	
14,552   52,13   6,36   6,065   5,40   149,115   54,437   66,086   65,065   5,40   154,765   57,317   69,581   62,508   154,765   57,317   69,581   62,508   71,301   163,685   59,649   72,396   71,301   71,30	Orainage (Mixed)	4 700	1,883	2,318	2,242	1,293	1387	6.089	7.479	2003	4.641	7.196	1.021	1.466	38,007	
149,115   54,437   66,086   65,065   55,000   154,705   57,317   69,581   68,508   72,386   71,301   154,705   57,317   69,581   68,508   71,301   163,685   59,649   72,386   71,301   7692   71,301   7692   71,301   7692   71,301   7692   71,301   7692   71,301   76,000   71,000	Total (Orainare)	14 550	5213	6.310	8.236	3.754	3.891	15,328	19,180	17.975	11.563	3,033	2,806	4.188	27.586	
	Total (Ex. Drainage)	149,115	54.437	66,086	65,065	38,884	50.540		203,096	190,255	123,114	32,179	30,201	43,500	1,050,237	
	Total (+0.7 or 0.5*D)	154,765	57,317	69,581	62,508	40,944	42,685		210,755	197,431	127,753	33,382	31,800	45,803	1,105,721	
	Total	163,665	59.649	72,396	71,301	42,639	44.431		222,278	208,231	134,677	35,212	33,107	47,689	1,149,814	
	Total Course	og Dettern	Water Reg	i romoni	WITO 000, 4		Modified	Penman V	lethod (Ca	(S)	Bildas	Wostroam	-Midstream	6		-
11420   3.880   4.628   4.629   2.854   10.212   11.356   12.724   9.025	Location	Area f	1 P	Feb	Mar		May	on?	127	Aug	Sep	Ŏ	Nov	8	Annual	Remarks
11,420   3880   4522   4622   2864   2904   10,012   12,556   12,734   8,025	Downstream													:		
1,422   3,822   4,622   4,622   2,824   12,724   13,556   12,724   8,022	El Eslah						;	:			;		•	1	1	
11 627   3.929   4.710   4.712   2.904   2.955   10.900   13.805   12.952   16.852   10.800   13.805   12.952   12.952   10.800   13.805   12.952   12.952   10.900   13.805   12.952   12.952   10.900   13.805   12.952   12.952   10.900   13.805   12.952	Orainage only	11.420	3.860	4628	4630	2.854	2904	77.77	23.566	22/24	13.238	27.7	25 18 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3726	18627	
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	EINIO	2		7200	200											4 77 77 77 77 77 77 77 77 77 77 77 77 77
Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain)   Vie C. Drain   Vie C. Drain)   Vie C. Drain   Vie	Drainage only	23.980	8,106	8778	8.723	5.003	8609	22.493	28.487	26.739	16.851	7.472	2 224	7299	149 894	
Vulle (Ex. Drain)         30,802         11,802         14,326         12,402         1,648         1,782         24,704         34,524         34,122         21,505           Ville (Ex. Drain)         30,602         10,344         12,407         7,648         7,782         28,704         36,354         34,122         21,505           Ville (Ex. Drain)         30,602         20,748         27,15         27,16         1,675         1,704         6,284         7,356         2,716         1,675         1,704         6,284         7,408         2,408         2,408         2,408         7,411         4,708           CEx. Drainage)         37,502         14,346         14,346         3,229         34,887         34,989         44,313         41,583         26,213           Abb         20,250         12,104         1,340         1,450         1,340         1,450         1,450         1,250         1,250	Fresh	17,621	3,828	01/4	4.7.2	40,00	CCA'7	00801	2000	00.830	0010	6.004	4777	12.5	070 200	
Harbor, Chainage  50,002   22,015   27,16   16726   17,704   61,909   78,407   73,595   46,381	Total of El Nile (Drainage)	35 400	77.900	2 40.40	19 403	7,649	2002 2007 2007	20,20	36.35	24 122	2, 50, 50, 50, 50, 50, 50, 50, 50, 50, 50	707.5	5 856	8.457	191 287	
Harborous   6,700   2,265   2,715   2,716   1,675   1,704   6,284   7,959   7,471   4,708   7,2400   17,966   14,346   1,4352   2,846   2,002   2,2024   42,024   2,4272   24,872   24,872   24,972   24,575   29,463   29,472   24,989   44,313   41,593   26,213   22,702   24,575   29,463   29,472   24,589   4,618   17,035   21,574   20,250   12,762   12,762   14	Total of El Nile	66,002	22,310	26.748	26,760	16,496	16,784	61,909	78,407	73,595	46,381	12,308	12,629	18,239	412,568	
(Ex. Drainage) 35.400 11,896 14,346 14,353 8,846 8,002 33,204 42,054 38,472 24,872 24,872 (Ex. Drainage) 37,302 12,609 15,117 15,124 9,323 9,486 34,989 44,313 41,593 26,213 26,213 37,302 12,609 15,117 15,124 9,323 9,486 34,989 44,313 41,593 26,213 21,009 15,110 15,124 9,323 9,486 34,989 44,313 41,593 26,213 21,009 24,575 29,483 28,487 83,183 86,367 31,065 21,574 20,250 12,782 24,877 10,534 30,250 12,782 24,877 10,534 30,489 45,312 24,872 2	B. Hafir Shehab	6,700	2,265	2,715	2.716	1,675	۲ ک	6,284	7,959	7.471	4,708	1,249	1,282	1,851	41,880	***************************************
(Ex. Drainage) 37,302 12,609 15,117 15,124 9,323 9,430 44,313 41,394 20,213 172,02 24,575 29,463 29,477 18,171 18,487 68,193 86,367 31,085 51,089 18,181 18,161 6,139 7,380 7,360 7,363 4,619 17,035 21,574 20,250 12,762 14,077 12,092 12,092 12,092 12,092 12,093 17,093 17,092 17,092 12,093 17,092 1	Total of D.S. (Drainage)	35.400	33877	14346	14.353	0.840	7008 8	33.20	42054	39.472	24.876	7000	6774	<u>8787</u>	221.278	
thab 6.620 2.653 3.265 3.158 1.821 1.953 8.577 10.534 9.849 6.537 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7622 12.7	Total of D.S. (EX. Unamage)	208.78 207.57	24.575	29.483	29.477	18.171	18.487	68.193	86.367	3,085	51,089	13,557	12,912	20000	454.448	
thatb         6,620         2,653         3,265         3,158         1,821         1,953         8,577         10,534         9,849         6,537           Haffir (Drainage)         35,400         11,966         14,346         14,346         14,355         2,948         9,002         33,204         42,054         39,472         24,872	Downstream	18,161	6.139	7,380	7,363	4,539	4,618	17,035	21,574	20,250	12,782	3,387	3,475	5,019	113,521	
Haffir (Disinage) 3,5400 11,956 14,356 14,353 6,984 9,002 3,571 15,002 24,22 24,617 24,617 25,003 21,400 25,742 25,742 15,683 16,600 36,003 17,692 45,512 25,742 33,366 40,098 29,989 24,530 25,059 93,804 113,475 111,164 70,389 14,243 5,709 7,026 6,797 3,919 4,203 16,439 22,672 21,197 14,070 37,978 15,217 18,728 18,117 10,445 11,204 49,202 60,431 56,501 37,503 88,846 23,579 29,019 28,072 16,785 17,361 76,238 93,636 37,547 58,109 88,846 23,579 29,019 28,072 16,785 17,361 76,238 93,636 37,547 58,109 88,848 23,579 29,019 28,072 16,785 17,361 76,238 93,636 37,547 58,109 88,848 23,579 51,486 50,559 30,047 31,484 128,261 159,524 149,390 97,084 78,390 37,084 37,786 144,863 180,551 169,126 109,523 17,305 37,786 144,863 180,551 169,126 109,523	Midstream o u.f. St. h.h.	000	6300	3800	9160	100 1	1 052	6 677	10.624	070	7638	7631	1 430	3000	69 633	
Hadin (Ex. Drain)         12,200         14,306         10,512         14,306         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,506         10,523         10,506         10,523         10,523         10,506         10,523         10,523         10,506         10,523         10,523         10,506         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523         10,523	The Contract of the Contract o	0,020	2007	347.45	00.0	0000	0000	11000	42054	20,472	978 76	108.8	777.3	0 787	976 166	
Hefir 97 483 33.366 40.088 39,998 24,530 25,059 93.804 118,475 111,164 70,329 14,248 5,709 7,026 6,797 3,919 4,203 18,459 22,672 21,197 14,070 14,248 5,709 7,026 6,797 3,919 4,203 18,459 22,672 21,197 14,070 14,279 28,972 16,185 17,361 76,238 93,636 37,547 58,109 14,309 114,309 12,326 51,496 50,559 30,047 31,484 128,261 159,524 149,390 97,084 140,590 50,702 61,539 60,608 36,240 37,766 144,863 180,551 169,126 109,523	Total of B. Hafir (Ex. Drain)	42 42 82 083	21,400	25.742	25.645	5.683	16.057	60.600 80.600	76.421	71.692	45.512	12027	12051	17.392	40022	
14,243 5,709 7,026 6,797 3,919 4,203 18,459 22,672 21,197 14,070 14,070 21,097 14,070 14,070 14,070 14,070 14,070 14,070 14,070 15,231	Total of B. Hafir	97,483	33,366	40.088	39,998	24.530	25,059	93,804	118,475	111.164	70.389	18.628	18,825	27.174	621,500	
78 1204 49.202 60.431 56.501 37.503 75.503 7	Reigh Bilges	14,248	5,709	7,026	6,797	3,919	4,203	18,459	22,672	21,197	14.070	3,625	3,096	4,445	115,217	
58.846 23,579 29,019 28,072 18,185 17,361 76,238 93,636 37,547 58,109	B, E Massara	37,978	15,217	18,728	18,117	10.445	1.204	49,202	60,431	56.501	37,503	9,662	8,251	- 849	307 111	
<u>35,400 11,886 14,346 14,353 8,848 9,002 33,224 4,2054 39,472 24,878</u> 114,308 42,326 51,496 50,558 30,047 31,484 128,261 158,524 149,390 97,084 132,008 50,702 61,539 60,608 38,240 37,766 144,883 180,551 169,128 109,523	Total of M.S.	58.946	23,579	29,019	28,072	16,185	17,361	76,238	93,636	37,547	58,109	14,971	12,785	18,359	475,861	
132,008 50,702 61,539 60,608 36,240 37,766 144,863 180,551 169,128 109,523	Total (Drainage)	35,400	11.866	14.346	14,353	886	2005	33.204	42054	39.472	24.676	25.25	2274	9.78%	221.278	
	Total (+0.7 or 0.5*0)	132,009	50,702	61,530	80.608	38.240	37.788	144.883	180.551	189.128	109,523	28.615	28.140	40,533	948 203	
149 709 54 292 65 842 64 612 38 894 40 466 161 466 201 578 188 863 121 961	Total	149 709	200	65.842	64.912	38.894	40.488	161.488	201.578	188.863	121.981	31915	30.172	43.468	1043.828	

Demonstrate		U#>	T-05	Mar	ΥĎ	May	en?	300	Ž.	300	3		3	Annuai	COLUMN YES
													;	!	
Drainage only	11,604	3.953	4.739	4,741	2,923	2,974	10,969	13,892	13,039	8,218	2,181	2,738	3,231	73,097	
Downstream:	29,086	9,825	11,779	11,785	7,265	7,391	27,263	34,529	32,410	20,425	5.420	5.562	8,032	181,686	
Midstreem	18,377	7,363	9.062	8,767	5,054	5,422	23,808	29,242	27,340	18,147	4,675	3,993	5,733	148.607	
Total (Drainero)	11.094	3,053	4730	4741	2.923	2.974	10.869	13.892	13.039	8.218	2.181	2.238	3231	73.097	
Total (Ex. Drainage)	47,443	17,188	20,842	20,551	12,319	12,813	51,072	63,771	59,750	38,572	10,096	9,554	13,765	330,292	
Total (+0,7 or 0.5=D)	53,290	19,955	24,159	23,870	14,365	14,894	56,558	71,717	66,269	42,681	11,186	11,121	16,027	371,801	
Total	59,137	21,141	25,581	25,292	15,242	15,786	62,040	77,683	72,789	46,790	12,276	11,792	16,997	403,389	
-	٠														
Table F.14.102 Present Cropping Pattern Water Requirement in '000 CUM based on Modified Penman Method (Canal; Balamoun, Downstream+DS'+Midsteam)	ing Pattern	Water Red	uiromont i	¥000 co. €	f besed or	Modified	Ponman N	lethod (Ca	nal: Balam	oun, Down	stream+D2	3'+Midstea	Ê		1/1
Location	Area, f	, red	Feb	Mar	Apr	May	ra Lun	Jo Lo	Aug	Sep	Set	Nov	Dec	Annual	Romarks
Downstroam													:		
Fr. Damieta	6,608	2,234	2,678	2,679	1,652	089	6,198	7.850	7.363	4,644	1,232	1,264	1,826	41,305	
Balamoun	8,611	2,911	3,490	3,491	2.152	2,190	8,077	10,229	9,602	6.051	1,606	1,648	2330	53,826	
Downstream Downstream															
Fr. Damieta	5,400	1,825	2,188	2,189	1,350	1,373	5,065	6,415	6,021	3,795	.87	1,033	1,492	33,754	
After K. Sand PS	29,381	9,931	11,907	11,912	7,343	7,471	27,559	34,903	32,761	20,647	5,479	5,622	8,119	183,655	
Befor K. Saad PS	14,695	4,967	5.955	5,958	3,673	3,737	13,784	17,457	16,385	10,327	2.740	2,812	4,061	91,856	
Midstream															
Bofor K. Saad PS	8,165	3.272	4,026	3,895	2,246	2,409	10,578	12,992	12,147	8,063	2,077	1,774	2,547	66,027	
Total (Fr. Damietta)	12,008	4,059	4,866	4,869	3,001	3,054	11,263	14,265	13,389	8,438	2,239	2,298	3,318	75,060	
Total (Fr. Balamoun)	60,852	21,081	25,378	25,257	15,414	15,807	59,997	75,582	70,895	45,087	11,902	11,856	17,107	395,363	
Total (+0.7 or 0.5*D)	66,856	23,922	28,785	28,665	17,515	17,94	62,629	82,715	77,590	49,306	13,022	13,464	19,430	437,986	
Total	72,860	25,140	30,245	30,125	18,415	18,860	71,261	89.847	84,285	53,526	14.141	14,153	20,425	470,422	
Table F.14.103 Present Cropping Pattern Water Requirement in '000 CUI	ing Pattorn	Water Req	uirement i	in 000 cri	W based or	Modified	Penman A	fethod (Ca	mal; El Sak	iel, Downst	tream+DS'	M based on Modified Penman Method (Canal; El Sahol, Downstream+OS'+Midstream+Upstream)	n+Upstrea	<b>(m</b> )	1/1
Location	Area, f	C.B.O.	₽ Qe	Mar	Apr	May	en P	Jo.D	Aug	Seo	Oct	Nov	Dec	5	Romarks
Balamoun (Fr. Damietta)	12,008	4,059	4,366	4,869	3,001	3,054	11,263	14,265	13,389	8,438	2,239	2,298	3,318	75,060	
Balamoun (Fr. Balamoun)	60,352	21,081	25,378	25,257	15,414	15,807	59,997	75,582	70,895	45,087	11,902	11,856	17,107	395,263	
Balamoun (+0.7 or 0.5+D)	66,856	23,922	28,785	28,665	17,515	1,94	65,629	82,715	77,590	49,306	13,022	13,484	19,430	437,986	
Balamoun (Total)	72,860	25.140	30,245	30,125	18415	18,860	71,261	89.847	84,285	53,528	14,141	14,153	20,425	470,422	
Downstream	:						•		•		;	;			
After B. PS	400,5	4,396	5,270	5,272	3,250	3,307	12,197	15,448	000,4	90 C	2,425	324.7	400. 400.	61,285	
2 C C C C C C C C C C C C C C C C C C C													2036	300 +0	44 P8888 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	20.00	085	3,270	19 090	202.6	5000	27,000	12,40	190 05	98 KA2	2,723 8 0.0 8	38.4	288	217.350	
Total at Bindry (Fr. Damiette)	12,008	4.059	4 866	4 869	100	3054	11.263	14.285	13 389	8.438	2 239	2 298	3,318	75.080	
Total at Bindry (Fr. Balamoun)	100,734	36.246	43.903	43.351	26,056	27,043	107.017	133,799	125,382	80,767	21,165	20,184	29,086	693,999	
Total at Bindry (+0.7 or 0.5*D)	106.738	39,087	47,309	46,759	28,157	29,180	112,648	140,931	132,077	84,986	22,285	21,792	31,409	736,621	
Total at B'ndry	112,742	40,305	48,769	48,219	29,058	30,096	118,230	148,064	138,772	89,205	22,405	22,481	32,404	769,058	
Upstream	8,020	3,489	4,448	4,639	2.714	2,535	9,308	12,082	11,706	7,712	2,231	1,960	2,710	85,535	
Total (Fr. Damietta)	12,008	4,059	4,866	4.869	3,001	3,054	11,263	14,265	13,389	8,438	2,239	2,298	3,318	75,060	
Total (Ex. Damietta)	108,754	39,735	48,351	47,990	28,770	29,577	116,325	145,881	137,089	88,479	23,396	22,143	31,796	759,533	
Total (+0.5 or 0.7*D)	114,758	42.576	51,757	51,398	30,871	31,715	121,957	153,012	143,784	92,698	24,516	23,752	34,119	802,158	
Total	120,762	43.794	53,217	52,853	31,772	32,631	127,588	160,146	150,478	36,918	25.636	24.441	35,115	834,593	

Location	Area, f	Car	Q L	Mar	Apr	May	S Ca	37	Aug	Sep	ŏ	Nov	9 0	Annual	Remarks
Upstroam	67,080	29,183	37,200	38,799	22,701	21,200	77,855	101,055	97,914	84,506	18,660	16,393	22,670	548,139	
Table F.14.105 Present Cropping Pattern Water Requirement in '000 CUI	oing Pattern	Water Re	quirement	no 000. vi	M based o	n Modified	Penman	Method (Canal; Bahr		Shebin)					1/1
Location	Area, f	han	Feb	Mar		May	Jun	Jul	Aug	Seo	Oct	No.	38 2	Annuai	Remerks
Essendila (Oreinexe)	76977	2382	87.77	1775	2.823	2.974	696'07	73.082	3038	8.218	7817	2,230	3.231	73087	
Description (IX. Literation)	7 4	17.188	248,02	100.02	12,319	12,813	510/5	63.//1	28,750	38.3/2	10,096	9000	13.765	330,292	200000000000000000000000000000000000000
Dahr Shebin (MS)	5025	2,013	2,478	2,397	1,382	1,482	6,510	7,996	7,476	4.962	1,278	1,092	1,563	40,635	?**!**********************************
Raiah Biloas (Drainage)	35.400	93877	14346	14,353	886	2003	33.204	42054	38 472	24.876	1093		797.6	221.278	
Reign Bildes (Ex. Drainage)	114,309	42,326	51,496	50.559	30,05	31,464	128,261	159,524	149.390	97,084 4	25,314		33,686	822,549	
Bahr Shebin (MS)	35,545	14,242	17,529	16,958	9,776	10,486	48,050	56,560	52,881	35,18	9 2 2		11,089	287,436	
Bahr Tera (Drainage)	14.550	5.213	0750	6.236	3.754	3.897	15.328	08181	22,622	11.562	3,033		4.180	99.577	44 FR 0 A FEBRUAR O BEBOOK OF BERLE
Bahr Tora (Ex. Drainago)	149,115	54,437	66,086	65,085	38,884	40,540	162,880	203,098	190,255	123,114	32,179		43,500	1,050,237	
Bahr Shebin (MS)	1,979	793	978	944	<b>3</b>	584 482	2,564	3,149	2,944	1,954	503		617	16,003	***************************************
Total of Above (Drainage)	67.644	21.131	25,395	25,330	15.525	15867	29.501	75.126	10487	44.657	11.815	!	17.202	393,953	
Total of Above (Ex. Drainage)	353,416	131,000	159,407	156,473	92,952	97,369	397,337	494,095	462,697	300,787	78,414		104,226	2,547,154	
Total of Above	415,060	152,131	184,802	181,803	108,477	113,236	456,839	569,220	533,184	345 444	90,228		121,428	2,941,106	
Bahr Shebin (US)	18,470	8,035	10,243	10,633	6,251	5.837	21,437	27.825	26,960	17,761	5,138	ŀ	6,242	150,926	
Bahr Sahoi (Fr. Damietta)	12,008	4,059	4,866	4,869	8, 18,	3,05 4,05	11,263	14,265	13,389	8,438	2,239	•	3,318	75,060	
Bahr Sahel (Ex. Damietta)	108,754	39,735	48,351	47,990	28,770	29,577	116,325	145,881	137,089	88,479	23,396		31,796	759,533	
Sahr El Mallah	67,080	29,183	37,200	38,799	22,701	21 20 20 20 20 20 20 20 20 20 20 20 20 20	77,855	101,055	97,914	64,506	18,660		22,670	548,139	* 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Bahr Shebin (US)	20,025	8,712	11,105	11,582	6,777	6,329	23,242	30,167	29,230	19,257	5,571		6,768	163,633	
Total (Fr. Dametta)	12,008	4,059	4,866	4,869	8, 10,	3,054	11,263	14,265	13,389	8,438	2,239		3,318	75,060	
Total (Drainage)	61.644	27.131	25,395	25,330	15.525	72067	28.501	25.126	70.407	44.657	11.815	11.917	17.202	303,953	
Total (Ex. Above both)	567,745	216,666	266,306	265,527	157,452	160,312	636,196	799,023	753,889	490,790	131,179	•	171,703	4,169,385	
Total (Ex. Damiotta)	629,389	237,797	291,701	290,856	172,976	176,179	695,698	874,149	824,376	535,447	142,994	•	188,905	4,563,337	
Total of Bahr Shebin	641,397	241,856	296,567	295,725	175,978	179,232	706,961	888,414	837,786	543,886	145,233	134,557	192,223	4,638,397	
+0.7 or 0.5 * Orenage															
Basandila	53,290	19,955	24,159	23,870	14,365	14.894	56,556	71,07	66,269	42,681	11,186			•	
Bahr Shebin (MS)	5,025	2,013	2,478	2,397	1,382	1,482	6,510	7,996	7,476	4,962	1,278				
Raiah Bilqas	132,009	50,702	61,539	80,606	36,240	37,766	14,863	180,551	169,126	109,523	28,615			948,203	
Bahr Shobin (MS)	35,545	14,242	17,529	16,958	9,776	10,426	46,050	56,560	52,881	35,18	9,043				
Sahr Yera	154,765	57,317	69,581	68,508	45.94 42.944	42,685	169,020	210,755	197,431	127,753	33,392			-	
Bahr Shebin (MS)	1,979	793	976	<b>\$</b>	¥	584 48	2,564	3,149	2.344	1,954	503				
Total of Above	382,613	145,023	176,261	173,281	103,251	107,897	425,564	529,727	496,128	321 973	8.0.8 8.0.8	8,354	115,639	2,769,739	***************************************
Bahr Shebin (US)	18,470	8,035	10,243	10,683	6,251	5,837	21,437	27,825	26,960	17,761	5,138		•		
Bahr El Sahel	114,758	42,576	51,757	51,398	30,871	31,715	121,957	153,013	143,784	92,698	24,518				
Bahr El Mallah	67,080	29,183	37,200	38,789	22,701	21,200	77,855	101,055	97,914	64,506	18,660				
Bahr Shebin (US)	20,025	8,712	11,105	11,582	6,777	6.329	23,242	30,167	29,230	19,257	5,571				
Tak-1 and Dak- Of a Line															

Table F.14.106 Comparison between Present Cropping Pattern Water Req	tween Presi	ent Cropp	ing Pattorr	Water Re	quirement	based on	Modified P	enman Me	thod and /	wailability	uirement based on Modified Penman Method and Availability, '000 CUM		Irriga. Efficiency=	iency=	0.56
Location	Area, f	وال	der L	je Z	Apr	Мау	Jun	lul	Aug	Sep	Oct	Nov	Dec	Annual	Remarks
Bahr Tera (Required)	154,765	57,317	69,581	88,508	40,944	42,685	169,020	210,755	197,431	127,753	33,392	31,800	45,803	1,105,721	
Bahr Tora (Avairable)	26%	32,127	41,973	78,222	86,432	104,322	151,922	165,290	153,839	120,257	71.373	74,712	52,990	1,133,458	
Surpluss or Deficit, %		-78	99-	12	S	29	-	-28	-28	۴	જ	57	71	2	
Rabbeen (Required)	382,613	145,023	176,261	173,281	103,251	107,897	425,564	529,727	496,128	321,973	84,018	80,304	115,639	2,769,799	
Rahbeen (Available)	63%	65.958	100,550	165,646	175,730	221,416	344.977	379,982	336,172	232,179	125,132	155,318	112,741	2,415,802	
Surpluss or Deficit, %		-120	-75	Ϋ́	41	<u>2</u>	-23	-39 -	-43	-38	g	<del>2</del> 4	٣	1,5	
Bahr El Sahel (Required)	114,758	42.576	51,757	51,398	30,871	31,715	121,957	153,013	143,784	92,698	24,516	23,752	34,119	802,156	
Bahr El Sahel (Available)	86	21,386	27,318	47,985	52,629	62,617	93,264	98,446	89,747	69,368	36,356	41,932	28,150	667,199	
Surpluss or Deficit, %		66-	eg P	1	4		-3	-55	ន	-34	33	£3	8	-50	
Bahr Shebin (Required)	602,946	233,530	286,567	285,743	169,851	172,978	670,055	841,788	794,016	516,196	137,903	129,857	185,438	4,434,652	
Bahr Shebin (Available)		135,169	168,264	274,616	289,145	356,904	568,640	621,467	547,233	391,532	223,846	260,253	181,803	4,028,117	
Surpluse or Deficit, %		-73	-70	ሃ	41	22	-18	-35	-45	-32	38	S	-2	-10	
T - 1-0	1.1.1.1.1														
CHICAGO STATE OF THE CHICAGO S		4	700	000	100	000	000000	600	206	40.000		350.01	0000	1 649 075	
Kednirod	809°CZZ	200	5	62,620	20,10	870'00	20,000	010,040	00/087	192,200	20 21.		7.00		
Avairable	37%	33,038	57,801	36,480	88,753	116,510	190,492	211,543	085,87	208.800	23,236	80,178	55,135	OFF. 202.	
Surpluss or Deficit, %		~163	-8 <del>4</del>	<u>۾</u>	႙	45	-33	49	-65	-75	9	<del>4</del>	-17	-30	114041444144644444444444444444444444444
Before Sahel+Rahbeen (Upstream of Bahr Shebin)	un of BahrS	shebin)												,	
Required	105,575	45,931	58,549	61,064	35,729	33,365	122,534	159,047	<u>2</u> ,2	101,524	29,369	25,801	35,680	862,697	
Avairable	- - - - -	47,825	40,396	80,985	60,787	72,871	130,399	143,039	121,314	39,985	62,357	63,003	42,911	943,117	
Surpluss or Deficit, %		4	ş	የ	4.	2	8	-11	-27	-13	53	20	12	G	
frigation Efficiency=	0.56											:			
Total of Bahr Shebin DS	303,927														
Total of Bahr Shebin MS	223,875														
Total of Sahr Shebin UP	113,595														
Total of Bahr Shebin	641,397														
Total of Other US	53,826														
Total	695,223	Excluding 1	695,223 Excluding New Reclamation Area of 56,000 feddan	ation Area	of 56,000 f	eddan									
	101														
Total of Open dell	340 666														
Total of Downstream	303 927														
New Reclamation area	56,000														
Total	751.223	695,223	695.223 (excluding New Reclamation Area of 56.000 feddan)	lew Reclar	nation Area	of 56.000	foddan)								
						•									

