February 14th, 1986

Mrs Ruth Matson Water Project Coordinator Middle East Research Institute University of Pennsylvania.

Dear Ruth:

Please find enclosed copies of the measurement of the daily flow of the Nile river at its main barrages and related irrigation diversion canals for the year 1978 to 1984 not including 1980 (it will be sent in the next mail).

Data are hand copied from the "giant format" archives, of the Irrigation Affairs Department of the Ministry of Irrigation where the measurements from each station are transferred in first place.

I made an arrangement to have them copied for 20 years with additional stations in the forthcoming ones, i.e, measurement at Dumiat and Rachid (see copy location map). Therefore I will keep sending them in the mail while keeping a copy in Cairo. Please let me know via E mail whenever you receive a batch of them.

This type of data collection is very much time consuming: it takes on average a day to a day and half per year of measurements due to the size and organisation of the measurements in the Ministry archives and the limitations from the administration working hours. Therefore if the analysts wish to obtain a coverage on a longer period they should make provision for an extension of the researcher time according to the financial figures provided to Robyn.

In addition copies of engineering drawings of the barrages will be soon in the mail.

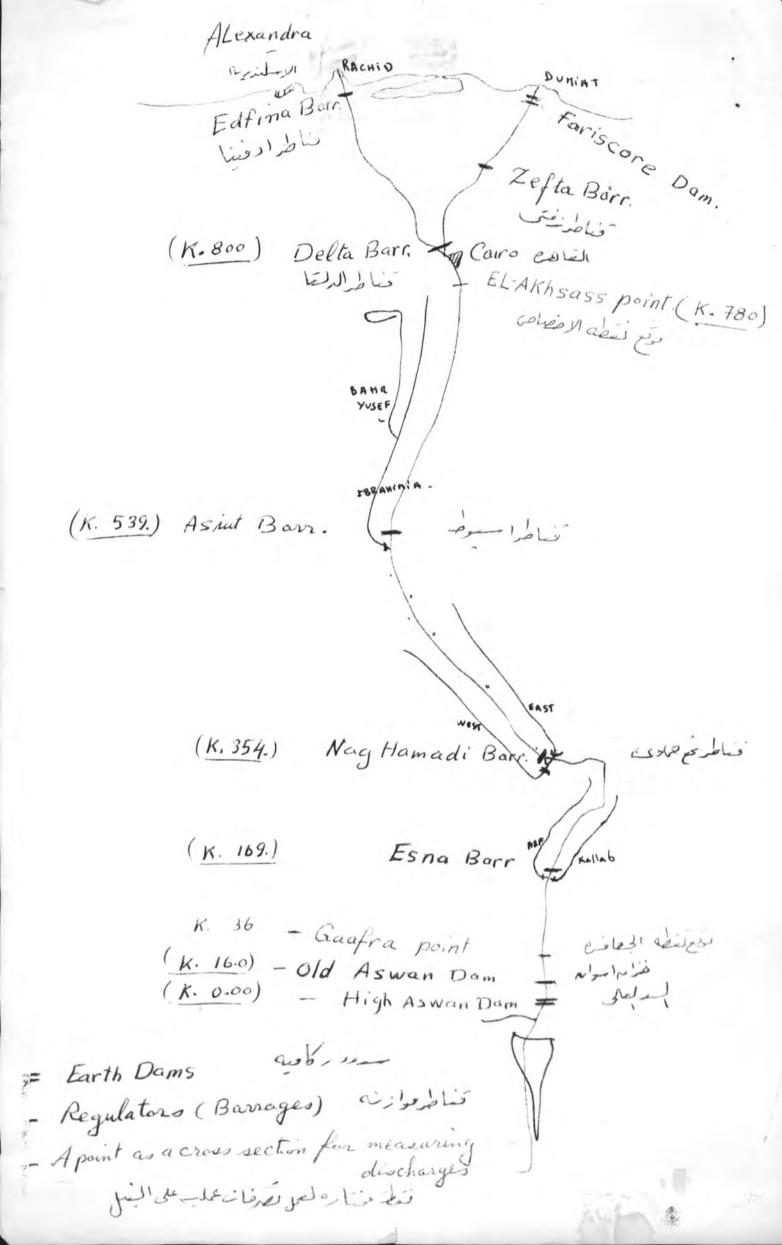
If there is any question from the analysts, please let me know.

I am looking forward to hearing from you,

Yours sincerely

Redacted for privacy

Zohra Merabet Consulting Engineer.



MONTH: Jan YEAR: 1978 DAILY RECORD Mm3/day SOUTCE MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DUMIN RACHID MAG DAM ASTIN Kallab downstream WEST TZAF YUSEF DOWNSTREAM I BRAHIMIA DOWNSTREAM STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 160.000 130 928 3.400 1.100 138.500 4.000 3.660 130.500 25.00 101,000 9,000 ~ repeated data 2 1.000 3.300 145. 2.000 2-200 145.500 21.020 110. 8.500 1,1 3 0 . 700 2-700 15% 150.000 16.070 116. 6.500 closed 11 0. 400 2.100 153. 158.100 11. 118 5,000 5 11 151. 158.600 6. 114. 1500 6 1) 157.500 152. 140. 7 148.500 125. 157. 6. 13 143.500 122. 6.)) 9 1) 138,500 116. 500 152. 11 10 137. 106. 152. 130010 11 11 136-500 102. 11 1) 12 -145. 13 1) 13 13 1) 138. 14 11 11 1) 1.5 te 11 11 101. 12 134.500 16 94. 137. 17 d 132. 126. 96.500 18 3) 11 94. 120. 19 11 119. 97. 1) 129.500 20 93. 1/3. 129632 21 126. 94. 32 11 129.500 22 -128. 115 23 11 1) 131. 113. 24 1))) 2.000 107. 25 127. -97. 7.))... 2,000 26 11 124.5 129. 12-070 94. 3. 27 122. 17.060 91. 114. 6 . 28 13 3) 7.700 4.100 22.010 112-5 88. 7.5 29 1) 9.900 108 25,000 86. 10.0 30 117. 9.693 4.018 112.5 26,000 78. 12. 31 124.5 77 27,000 1) 100 76. 12.

	. MONTH	: Feb	YEAR:	1978	DAILY urce M	REC	ORD	M m3/	day			
					0166	11/1/31/87	JF I KKI U	TATION.				
D	HIGH ASWAN	AS WAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RNGE	TUY 22 A	BARRAGE	BAHR	
A	DAM	DAM	ASF	Kallab	downstream	WEST	72/7	DOWNSTREAM	******	DOWNSTREAM		
/	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL			
	129092.	140.600	1.200	3.200	124.500	9.200	4.000	105.	28.600	75.00		
2		زر	3)	23	, , , ,	1,0	,,	108.	29.		12.000	~ repeated d.
3		, , , , , , , , , , , , , , , , , , ,	,)	1)	,,,	,,	,	111,000		73.	12-5	
4)	1)	11	13	,,	,,	1), 000))), —,,,	17)	closed
5		,,	1)	,,	126.	,)		1)	28.	75	12.6	
6		156.	- //	11	11	()		3)	28.	77.	11-5	
7		,	,,	3.600	127.	ı,	7)	3)	77	77.	1)	
8		1		3.100	137.	8.900	3.950	y .	11))	12.	
9		,,,	1.150	3,100	139.5	8-300	3.750	116.000	7)	79.)3	
10		,,	,,		17 7.5	0 4 360	3.600	127.500			11 500	
11	128 282	- 1)	1.150	L,	7)	7,7	7.866		The state of the s	84.	11.500	
12	100000	160.	1110),1	143.5	7.900	3.525	<i>t</i> (26.	92.	11.000	
13		1/	1.100))	144.	7.900	3-450	13	25.	95.	10.500	
14		1)	1.100))	146.	7-700	3.350			102	10.	
15		d	1.000	3.000	148.	1)	3.350	132-000		103.	9.5	
16		1	11	,,	10.	7-500	3-300	139.60	27	105.	()	
17		6/	.,,	1)	147.	1, 2000	1)	139.00	22.010	100	8.5	
18		7/	,,	,)	146.	7-400				109.	8.	
19		N	0,900	2-700	146.	7-200))	136.500))	112	8.	
20		~	1,	2-700	1)	r - 200	7,7	136.500	7)	7.7	7	
21	127 364		,				CONTRACTOR OF THE PARTY OF THE PARTY.	CONTRACTOR OF THE PARTY.	(1)	~	6.5	
22	151701	۲۷	i,	2.800	N	,,)	р		113.	7 6.	
23		c/	,			7)	, y	3)	20.030		7.510	
24		~	41	2-700	196.3	7.100	2 0 6	and the same and department of the same and	Contraction of the Parket States	The state of the s	7.266	
25			,,	2 - 7 66		6.800	3.250	,1	21.620		7.760	
26				~	145-5	- 11))		22-550	1/2.	8.750	
27			0.600	2-300	146.5	<i>''</i>))))	137.5	23.000	//3-	9.450	
28					The second second second	~		())	(ر	114.	9.900	
- 0		(3	7.	. />	*	2	,,	137.2))	114.	2)	
			Harris and the same of the sam									
4:11						7						

MONTH: Mar. YEAR: 1978 DAILY RECORD Mm3/day MINISTRY OF IRRIGATION Source ! HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST FAST DOWNSTREAM IBRAHIMIA YUSEF DOWNSTREAM downstream CANAL STORAGE CANAL CANAL LAWAL CANAL 160.000 114.000 126554 0.600 2.000 145.500 3.250 23. 9.900 6.800 137.200 ~ repeated data 2 13 11 N 25 111.000 11 11.2 3 11 1) ~ 11 1) 37 11 closed 11 146.000 6-700 137.500 1) 3.1 11 1.900 11 5 10 1) 110. -)) 6 3.500 26-5 109. 1) 1,000 11 12-7 7 11 11 11 1) 108. 11 1) 11 11 3-550 0 , 900 1) 13 1) 11 +1 ,1 147. 9 1) 136,000 1) - 11 3) 10 11 11 3) 11 11 1) 1) 1) 11 125408 11 1) 11 1) 3.600 11 1) 13 1))) 12 11 144.5 1) 137-5 3) 11 11 1,000 3,000 109. 1) 13 11 15 12-2 2) 11 1) 14 1) 18 136. 11 11 11 12. 3.100 143.5 1.5 11 1) 6.500 134.5 11.5 11 16 11 11 146. 6.700 3.500 108 1) 13 165. 17 11 1 145. 1) 1) 11 11 11 11 170 18 146. 11 1) 11 11 . . . 11 11 19 175 3.250 12. 152. .,, 7.000 3.650 3) 1) 17 11. 180 1) 158. 12. 20 7.200 11 124108 1) 171 106. 21 13 1) 15 1)) 137. 11-550 27. 11 0.900 22 7-400 3.600 N 142. 29. 105. ,,, 173. 11 23 1) 11 151.5 108. 12.050 - 11 13 1.000 11 3-230 171 7.500 24 3.650 114. 1) 11 1.006 25 120-11 1) . . . 1) 11 11.800 26 1.100 3.160 175 7.300 13 1) 11 1) 1.100 27 1) 165 1) 1.100 . ,,, 28 161 155. 116. 30 3 3 1.200 3.250 29 163 119. 11)) 1) زر 30 7-800 3-700 118. 151.5 12.300 1) 31 1) 3.900 150.5 . 13)) 11.800

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES, CANALS MONTH: April YEAR: 1978 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TZAT DOWNSTREAM I BRAHIMIA YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 3.250 7-800 30.000 118.000 11.800 122 444 1.200 164,500 150.500 190,000 3.900 133 2 3.8 155.500 3 1.250 7.700 163.500 11 153 11 11 1.310 119. 11 13 166. 7.6 3-7 154. 1.400 3.100 111 7-8 29. 3-6 151. 120. 11 1) 165. 6 8.304 3.520 150 33 1 11 1.440 7 166. 21 7-9 149. 11 1) 1.500 8 164. >) 11 152. 119. ,1 1.400 9 167.500 8. 1) 1) 11 - 58 10 11 13 170. 6.722 2.901 120. 1) 120 978 11 1) 1) 169. 7-200 ,) 11.300 11 D. 1.200 12 3.000 27.5 122. . . . 11 168.5 11 7.854 3.154 1. 13 1) 17 7.8 14 1. 171. 11 11 13 1) 1) 1. 15 1) 170-1) 1) ,) 11 4) 1.300 16 73 169. 155. 26.5 11 3-711 125 11 1) 11 17 3.200 165. 11 13 11 7.570 18 164.5 1) 1) (1) 3.300 3.134 152. 1) 1-400 19 7.571 123. 3.100 1,1 3-134 167. 13 7-259 2-986 122. 20 11.000 119480 166. 21 () 7.600 2-986 , 3 13 1) 22 1645 7.300 152.5 1) 1) 13 2-800 W t. 165.5 23 1) 154. 37 24 124. 11 8.326 2.623 152.5 13 25 1) 1,3 () , , , (I) 164.5 26 1) 7.950 1) 152. 26. ıJ. -11 2-900 27 ı ji 8.050 2-730 11.400 13 163.5 28 7.950 2.986 123. 13 11 1) 29 162-11.650 7.950 2.730 7,3 11 ,) 30 164. 27. 122. 8,100 11.400

~ repeated data

closed

MONTH: May YEAR: 1978 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TZAF DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL 180,000 164.500 152.000 27.000 122.000 12.000 118700 1.400 3,000 8.100 2.730 ~ repeated data 2 11 3.1 34 120. 1) y) 3 1) 23 154. 33 11.500 closed 11 8,200 1) 11 1) 122-11. 1.450 162. 5 ,, . 33 U 73 11. 1.500 6 160.5 8.300 11. 152. 1) 1.400 162. 7 11 7.800 148. 121 11. 1.500 163. 8 1) 2) 1) 11.5 1) 1) 9 2) 7.700 4.400 119. 1) 1) . 1 . . . 1) 7.900 10 4.325 152. 1) 1) 117816 1) 165. 11 8.159 -11 1) 1) 1) 12 1) 1) 3-975 121 V 7.650 11 11 13 1) 1) 1) 13 11 1.400 164.5 7.600 3-700 14 13 154. 11 1) 7.200 165. 15 152-5 122.)) V 53 11 3.500 6-500 3-400 16 16 1) 11 123. 11 11 17 4.300 7-300 3.320 13)) 162. 18 7.300 150. 11 1) 122. 11 V 11 157. 8,000 120 19 13 1) 12. 11 156. 7.700 28. 11 116. 12-20 116 776 1-300 155. 7.500 141.500 4.500 11 21 11 114. 12.5 22 11 13 13 12.8 15 112. 1) 7.650 156 23 . 11 110 12 12 1) 4.800 24 7.700 144.500 ,) 110.)) 157. 25 11 11 29 11 33 190. 13 8.000 26 11 143.)) 7.5 190. j) 162-27 3-425 12-300 190 1.400 166. 28 \1 8.500 3.450 144.5 (1) 1) 190. 13 29 171. 152. (j 33 200 8.773 30 1.5 176. 11.800 155. 114. 31 1.600 4.400 116 200, 181. 8.700 3.650 152. 30.500 12,000

	, MONTH	: June	YEAR:	1978	DAILY urce M	REC INISTRY (ORD FIRRIG	M m3/	gax			
D	HIGH ASWAN		ESNA	BARRAGE		NAGA H	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR	
A y	STORAGE	DAM	ASF CANAL	KAIIA b	downstream	Anna and a second secon	CANADA CONTRACTOR CONT			DOWNSTREAM	YVSEF.	
	115250	200.000	1.600	4.400	181.000	8.900	3.650	154.50	30.500	116.000	12-800	~ repeated do
2		(A)	,	11	111	1,5	()	158.	1)	118.	13.300	7 JEPENICA GI
3		11	1)	4.200	183.	,,,		161.500	,,	121.) ³	closed
4		210.	t)	"	181.	//	3-700	3.3	1,1	124.	γ)	
5		73	19	4.000	182.	9.150	1)	163.	NJ.	127.	٠	
6		43	11		186-	9.500	(i	165.	,,,	/3	10	
7		1)	ų j		188.	9.700	,,	170.	,,	130.	<i>y</i>	
8		, L	11	13	187.	11	11	170.	,,))		
9		V	17	13	186.	9.800	3-800	173.	()	131	(ς	
10		1		,,	188.	(ر	3-850	17	17	133-	٠,,	
11	113850	,)	11	13	23	10.150	- 1	171	11	134.	7)	
12		13	1.550	3.800	1.5	10.	3.800	,,	j.	,3	13.800	
13		1,1	1.500	1)	192.	10.250	3.900	173.	11	136.	13.360	
14		1)	1.400	1/	1)	10.650	ni ni	174.	,i	138.	1)	
15		0	10	,,	190.	10.700	3.950	175.	,,	13))	
16		V	N.S	1)	188.	10.900	,)	170.	29.5	135.	لار	
17		()	,,	1,1	190.			7)	VI	134.	13	
18		13	,,	11	194.		V	71	,,,	1)	30	
19		11	(1	11	193.		, J	172.	o d	r)	32	
20			(1	4.000	188.	,,	4.000	1)	30.500	133.	Ly L	
21	112450	,,	1)	3-850	(89.		.,3	1)	19	13	14.100	
22		11	H	4.200	187.5	11.200	- 11	11	11	,,,	11	
23		215	IJ))),	4.050	()	32.000	131.	/.	
24		10	1.600		190.	11.400	1)	11	ρ	130.	15.600	
25		v	1.650	4-350	192.	,,)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	168.	NJ	N	,,	
26			,,,	73	195	11.	j	170.	, ,	(32-	t)	
27		ij	ı,	1)	198.	114	j	(73.	33.000	134.	l lic	
28		220.	1.700	4.550	196.	11.	,	i)	β	138.	15.300	
29		220.	,	4.650	198.	10,900	Ü	176-50	n	140.	2)	
30		220.	i i	زر	200.) ji	3)	(74.	33.500		7,7	
31												

40	EGY	PT ARAB	REPUBLI	C : NILE	FLOW	AT B	ARRAGE	S CAN	2 1 4 1			7/78
	MONTH	: July	YEAR:	1978	DAILY	REC	ORD	M m3/	day			
		00		50	urce : M	INISTRY	OF IRRIC	PATION				
D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BAR	RAGE	A SSYUT	BARRAGE	BAHR	
A	DAM	DAM	ASF	Kallab	downstream		FAST	DOWNSTREAM	IBRAHIMIA	DOWNSTREAM	YUSEF	
7	STORAGE	downstream	CANAL	CANAL	THE RESERVE THE PROPERTY OF TH	CANAL	CANAL		CANAL			
	110818	220.000	1.700	4.650	200,000	11.200	4.050	174,000	33.500	141.000	15.800	1 9 1 1
2		225.	1.8	4.6	206.	10.500	9.5	176	"	143.	13	~ repeated date
3		230.	1.9	4.8	205.	9.7	4.000	Annual Contract of the Contrac	,,	146.	ıj	closed
4		1)	1,1	l d	211.	10.	1,1	186.		149.	15.300	closed
5		13	2.100	14	13	p)	1	185.	11	11	1)	
6		y	2.	1/	206.	1)	()	1)	1)	151.	, ,	
7		17	2.	5.	206.	11	11	1)	34.500		1	
8		4	2.	5.	207.	10.300	4.050	1)	11	153.	15.8	
9		i)	2.150	5.1	208.	2)	13	1,3	1)	1)	16.3	
10		228.	2.100	5.1	208.5	10.800	4.325	186-	, j	,1	1)	
11	109361	230.	2	3.8	1)	10.950	1)	190.	ι,)	154.	73	
12		زز	0	5.	209.5	11) 1	189.	1)	1)	1)	
13		225.	1	į)	207.5	10.650	11	,,	35.450	155.	17	
14		1)	1,7	11	203.5	11.4	4.475	11	1)	1,7	17.250	
15		220.	11	D.	201.	,,'	4-375	186.	1))J	,)	
16		1)	2-400	5.5	200.	11.2	6	179.	γ	154.	13	
17		\partial = 1	2-300	1,1	1)	11	1)	178	()	151.	, v	
18		N ^j	2-400	1)	199.	11.100	1/	173.	36.000		23	
19		\$0	2-500	5.8	17	11.200	4.550	176.	.,,	139.	17-550	
20		,,	1)	5.6	199.5		13	()	LIJ	, i	3 2	
21	108280	l l	2-400	5.4	199.5	11.200	4.150	176.))	,))	(ı)	
2.2		v	2-2	1)	3)	, y	4,100	178.))	141.	1/	
25 23		1,1	1)		200,	1,1	1)	13	62	142-	16.550	
2.4		10	**	11	199.	11.195	4-272	1)	1)	,,	17.050	
25		c#	2-4	5.2	199.500		4.100	1,7	(1)		17.050	
26		IJ	2.	5 \	200,	(1-	, j,	55	13	138.	1,1	
2.7		l)	2.	5	200.5	li.	4,000	176.	,4	139	j)	
28		l 18	2.	·5.	>>	11.200	4.200	13	M	1,	33	
29		i i	1.9	4.8	200,	193	,3	3)	,,	,,,	3)	
30		, d	1.7	4.6	200.	11,000	3.950	179.	N.	1)	16.550	
31		215.	9.3	~	198.	11:000	4,000	99	O	ا ا ا ا ا زر	ij	

	MONTH	Aug.	YEAR:	1978	PLOW) be /	080	V 1 2 /	1			
		'' d		50	urce Mi	NISTRY	E TRPLO	101 m 3 /	aay			
								AIIOA				
)	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA	AMADI BAR	RAGE	7UY 22 A	BARRAGE	BAHR	
	DAM	DAM	ASF	Kallab	downstream	WEST	TRAT	DOWNSTREAM	IBENHIMIA	DOWNSTREAM	YUSEF	
	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL			
1	108985.	215.	1.700	4.600	197.000	11.000	4,000	179.000	36.000	142.00	16.050	~ repeated da
2		1)))) 1	194.	11.200	,,,	13	13	1,0	(3)	~ repeated da
3		210.	<i>i</i>)	,,	192.	11.	4.250	168,000	35,000	141.	,1	closed
4		Ŋj	1	N	190.5	11.2	4.125	171.	p		(3	closed
5		13	1/	,,,	189.	11,		173.	71	139.	is	
6		1	1.600	4.700	1)	11.	- 1	,,	11	,1))	
7		205.	13		182.	11.	11	71	13	ر در	v	
8		16		11	180.	11.2	33	172.	v	,1))	
9		1)	1	4.600	176.	13	1	, i	,)	137.	D .	
0		,,,		• 1	175.	11,	4.100	167.	34.500))	16.600	
1	111200.	В	()	33	11	11.2		1,1))	138.)3	
2))	1)	· · · · ·	11	11.6	o o	164.	(J	134.	,,,	
3		200.	d	()	176.	11	4.150	7)	.,	133.	· ·	
4		11	J	(1	174.	11	1)	167.	13	زر	16.2	
5		33	11	()	IJ .	"	1)	11	()))	15.7	
6		190.	11	4-300	171.	11.3	4.100	163.	1)	135.	5)	
7		1/	T.	\J	167.	11.5	4.150	164.	CI CI	7)	ij	
8		5.1	II	l J	166.	11	1,	70 ((4)	133.	,	
9		180.	11	1)	162.	11.	4.050	158.	N)	,,,	1)	
20		13	1.700	4.100	158.	1/2	11	154.5	Y	131.	33	
L	115350	11	VI	4,300	156.	11.2	11	151.	33.500	127.	14.7	
2		77	1		1)		4.100	146.	1,3	119.	v v	
3		170.	V	1)	153.	1)	the section of the se	145.	1)	112-	7,1	
4		,,	V	1,1	152.	i)	1)	142.	33.	,,,	1)	
5		13	· ·	.,	148.5	11.100	11		32-5	107.	,,	
6		,,	Ŋ	4.500	147.	11.000	4.050),	,,	()	
7		160.000	7	ij ij	<i>i)</i>	10.600	3.950	137.	j)	,,,	19	
8			· ·	. ,,	153-5	,,,		137.	9.2	į)	13.7	
9		i,	1	1,1	146.	1,5	1)	73 7))	12	13.7	
0		6)	13	11	142.	v	(j	2	الزو	106.	14.2	
1		150.	U			10.000	3.900	136.	1) 1)	108.	13-7	

MONTH: Sept YEAR: 1978 DAILY RECORD Mm3/day MINISTRY OF IRRIGATION source ! HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR MAG DAM ASF Kallab downstream WEST TZAT DOWNSTREAM! I BRAHIMIA YUSEF DOWNSTREAM STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 120884 150,000 4,500 141.000 1.700 104,000 10.000 31-500 13,000 3,975 129.000 ~ repeated date 2 1.640 4420 N 136 3.975 97. N 53 33 3 11 13 125. 136. 30. 93.)] closed ,) 4 1700 4,500 138 11 117.5 11 1) 90 1) 5 11 11 1) 9.500 13 120. 1) 11 6 11 137. 11 1) 4,000 125. 86. 11 (L 11 7 il 17 13 1) 10,000 121. 13 1) 8 11 11 11 136. 11 118. 13.500 ,1 11 11 9 133. 11 ,,, 11 1) , 1 13 12 1,800 11 10 136. ,, 11 83 11 1) 124325 -11 15 132. 11 116.5 1) 31 71 11 14 11 1.660 12 1) 117. 29,000 1) 11 1) 1) 13 11 84. 12 11 1) 11 1) 11 14 11 9.800 87. 1.1 ,1 15 1.560 3.700 11 11 (1) 79. 1): 16 9.700 1) 11 3.380 129. , , 11 13 ,] 1.600 17 11 4.500 128 28,000 15 11 11 13,000 18 11 4.300 1) 13 1))) ... N 1) . 3 11 1.500 19 4,100 130, 9.250 3.900 116. 1) 63 11 1) 130. 9,000 20 4.000 3.800); 11 86 11 126 986. 12 3.900 21 13 9,000 117 - >> 15 3 3.800 22 11 8.900 1) 3.750 119. 11 13 11 13 23 8.800 89 12 11 11 11 13 11 1.400 24 11 3.675 13 8.500 122. 11 1) 11 25 11 1) 135. 27. 92. 8.600 3.600 12-500 13 11 11 26 11 137. 3472 11 93. 73 6) 27 1.300 3.500 134 124. 8.500 3.475 12 .000 28 11 3.400 1.250 132. 7,800 3-300 127. 94. 1) 11 29 ,, 133. 11 1) 96. 11.500 . 1 11 30 13 6.600 3.200 125. U 11,000

MONTH: OCE. YEAR: 1978 DAILY RECORD Mm3/day Source MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM . DAM ASF Kallab downstream WEST TZAT DOWNSTREAM I BRAHIMIA | DOWNSTREAM YUSEF downstream CANAL STORAGE CANAL CANAL IAMAS CANAL 3.300 128390 150.000 1.100 133,000 6.400 3.050 125,000 2.5 99,000 11.000 ~ repeated data 145.000 2 1) 1) 6.200 19 25,000 23 11 3.200 ا در 3 136. 1.5 102.000 1) 1) closed 4 11 3.100 6.400 129. 3.100)) 1) 15 5 11 11 ,) 126.5 6.350)) 13)))) 6 6.320 11 13 123.500 1) 1))) 11 6.200 117.500 130,5)) 97. 8 11 6.100 118.500)) 11)) 94. 1) 133. 9 11 11 37 3.050 126. 24,000 96. 11 ,1 126. 1.100 130.5 5.800 3,000 10 100. ,) 130874 11 11 ")) 3,000 126. 5.700 11 10.500 23 100. 25 *12 1) 15 13)) 101. 11 1) 1) 11 129. 11 120. 13 10 1) 10. 14 1) 1) 5.300 1) 1) 121. 100. ,) 10. 1.500 2-700 15 1) 13 1) 123. 98. 1) 10. 11 11 16 5,200 1) 11 98. 10.5 1) 132. 17 5.082 11 13 3.108 1) 1) 100. 1.9 18 1) 3.250 100. 2.500 1) 13 1) 1) 11 19 11 11)) 5.200 زز 100. 11.5 1.1 132.5 20 11 11 5.500)) 99 11.5 132796 21 13 132.5 1) 73 de)) 2) ,) 22 1) 129. 2))) 125,000)) 11.650 2.500 125. 23 13 5.650 1) 101. 126.000 1) 24 1) 11 127.5 1) 123.000 25,00 100 12.15 3.800 25 129. 5.800 1) 3.350)) 11.65 120 26 129. 6.500 1) 95. 7) 27 130. 7. 71 12 28 129. 21 11 1) 29 1) 126.5 17 119 1) 30 1) 11 7.200 زر 13 119)) 11 31 i) 13 7.800 1) ,, 117.

MONTH: NOV YEAR: 1978 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream west TEAT DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL 3.350 117.000 25.00 93.000 11.650 134 196 3,900 127,500 8,000 150,000 1.250 ~ repeated date 2 1,3 133,000 116. 3.800)1 92. 3)1 7.9 3.650 116 8,300 11 closed 11 -)) 3.350 120.)) 1) 11 5 1,200 11 8.500 7 6 3.450 123. 95. 11 17 4,000 1) 99. 1) 1) 7 11 1) 132. 9. 1) 1) 11 11 101. 21. 8 () 1,100 3.900 1) -11 1) 101. 11,000 9 13 122. 1) 11 11 1) 1) 10 1.000 8,700 133. 11 11 1))) ,1 11 11 134532 41 1) 1) 135 8,500 1) 11 23 +1 23 12 135,500 1) 125. 1) 1) 1) 11 1) 11 132.500 8.700 13 126. 1) 102.000 11,500 11 134. 14 11 11)] 127. 103. ,) 15 13 4.100 1) 1) 1) 1) 1) 104. 11 16 11 11 135.5)) 126. 24. 11 105. 11 17 1) 1) 1) 1))) 11 11); 11 18 1) 134,5 8,600 1) IJ 11 1) 19 1) 11. 1) 11 1) 1) 1) 135.5 20 11 8,300 106. 11 1) 11 134084. 21 7) 1) 8.395 126. 107. 1) 1) · 17 1) 22 11 134. 7.700 127. 11,000 1) 13 1) 4,000 23 1))) 10.500 1))) 1))) 1.3 24 3.800)) 3,350) 3)) 11 1) 25 7.500 11 12 11 3.225 ,1 1) 1) 73 26 3.400 135. 7.106 3.200 11 12 11 27 136. 3.100 13 1.1 1) 28 2.900 6.500 33 3.000 130. 12 1) 29 0.950 2-700 135. 11 3.5 >3)1 108 30 0. 900 2-900 135,5 7.2 129.

repeated date

MONTH DE VEAR-1978 DAIL BARRAGES CANALS

MONTH: Dec YEAR: 1978 DAILY RECORD Mm3/day

HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE BAHR A SS YUT BARRAGE DAM DAM ASF Kallab downstream WEST TEAST DOWNSTREAM I BEAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 145,0000,900 133366 135.500 2.700 3.000 6.500 129.000 108.000 10.000 24,000 2 13 134.)) 13).) - 22 3.9 10 ,, 0.950 3 1) 132. 13 11 23,000 107,000 9,5 1)) 1) . ,) 1) 13 109,000 8.5 1.1 2-750 1) 11 1) 127.000 11 - 13 0.800 6 1.800 129.5 6.300 1) 9.5 1) 7 0.800 13 6.341 33 2-950 108,000 8,75 1) 8 132.5 13 11 1) - 11 2.971 - 11) j 9 131.5 11 11 13 1) J 11 15 10 11 1) .,) 21.020 109,000 9.250 132628 11 1) 132-5 13 11 11 8,750 71,020 1) 1) 5.165 12 1) 137.5 11 11 3.067 21 11 7-750 13 (1 11 137. 15 20.030 1))) 11 110,000 14 11 1) 1) 11 1) 1) 19.040 112.000 7.250)1 15 11 1) :1): 5.344 2.949 1) 1 11 11 11 13 16 1) 139. 17 6.750 11 17 15 11 13 11 11 11 1) 6.250 18 11 137. 5.237 2.932 11 109,000 1) 1,1 6.750 19 1) 11 (1) 128. 1) 130. 1) (1 7.250 2-300 2.972 20)) 129. 7.775 11 131906 21 1) 7.450 13 7.650 3.100 13 123. 91 8,250 1) 22 2-600 1) 3.575 9.000 20.030 107.000 9. 13 23 1.000 - 11 1) 3.250 3,600), 21.200 103.000 9.840 24 1) , 3.750 9.250)) 3.750 22.010 99. 9 25 1) 3.560 127 3.800 117.000 23. 9.300 88 ,, 26)1 , , , 130. 9.500 3.850 1) 25 1)1 27 32 111 3.900 11 13 27. 1) 11 13 28 . 33 3.950 131. i ij 13 27. 3.7 9.500 3) 29 ı, 114.500 11 1));)3 85. 133 30 - 1 1) 116. 9.3 10. 31 148.00) 3 130 8.600 3.600 119. 9.500

1	· MONTH	er ARAB	YEAR:	1979	DAILY	per	080	I S I W						
		11		(777	urce : M	INICTOR	AE T DDI	(m > /	aay					
								7 8110 2						
D.	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BAR	RAGE	A SS YUT	BARRA CE	BAHR			
Α	DAM	DAM	ASF	Kallab	downstream		YASY			DOWNSTREAM				
/	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL	004 31.5tm; 1	1 43 5 1			
	13/252.	125.000	1.000	3400	100	7		10-2		e en resulta da escal caso.	6			
2		110.	0.800		129.000		transfer to the second second	137.000				~ Y6	epeated	d
3		(1)				4.650		/33.		99,000				
4		1 10	0.600	2.726	119.	3.500	2,000		15,000		5.000		closed	
5			- 150	1.600	101-500	2.000	1.500	125.	the second second second		3,000			
6		<i>p</i>		1.920	A	And in contrast of the party of		115.	7.500		2,000			
7		11			119.			102.	5,000					
-		1			121.			94.		121.				
8					117.		The state of the s	104.		114.				
9) f			116.500			98.		116.				
10	12 6 2 2				114.			90,		116				
11	136928	1)		-	3)		-	90.		114.				
12		1)			113,			88.		103.				
13		11			113.			,		116.				
14		11	-))			90.		113.				
15		d.			107.			90,		110.				
16		1)			23			1)		1/3.				
7		115.			ζ,		-	13	4	7)				
18		120.			103.			1)		7				
9		125.			98.		-			7				
20					1)			85.	-					
21	130 550.	135.			100-500		-	85.		111.				
22		145.			110.			97.						
3))			122.500			100.		108.				
24		33			130.			100.	2.000	1)				
5))			125.					109.	2.000			
6				1111111111111111111111111				110.	THE RESIDENCE OF THE PARTY OF T	[03.	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.			
7))))			120			110.	12.	102.	4.000			
8					117.500			104.	17.060		6.070			
9))	-		122.500				22.010	97.	8.070			
-))			125.			1001	25.000	anchia for our stress harden senten entre	11.000			
0))			7,1			and the state of t	27.000		8,000			
51		5) (0-160	3.400	127.	8.600	4.225	116	29,000	70.	9,000			

MONTH: Fed YEAR: 1979 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WELT 7243 DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAS CANAL 1.600 130064 145,000 4.225 116. 3.400 127,000 8.600 29.000 79,000 8,000 ~ repeated data 2 11 . ., 14 ,, \$ 2.000 10,000 11 126. () 3 .,, ,1 4,000 1) **3** 11 closed 4 127. 4.215 11 3,200 8-700 - 11 30,000 78 116. 11. 150. 1.400 129. 8.900 4.300 107. 1) 11.5 11 130. 8.950 11 17 4.350 112. 74. 10 12. 160. 7 1.500 132 . 9.200 116. 11 12. 8 136 . 4.350 119. 1.1 78. - 6 13 142. 9 11 4.300 119. 82. - (1 1) (1) 3.000 142. 10 122. 1) 1) 129470 3.200 4.225 11 11 9.500 30,000 1) 11 129. 85. 148, V. 1.200 3.100 4.125 12 35 132. 27.000 89. 9.500 11 146. 11 1) 9,000 3.950 13 137. 29,000 94. 2) 2-900 144. 3.600 14 134. 99 26.000 1) 2-500 9.100 , 14 132-5 1) 15 11 105. 33 11 11 1) 1) 8 850 3.525 25,000 16 1) - 13 1) 145. 133. 17 1) ,1 1) 11 24.000 12 51 D 1.300 d 18 2-300 145.5 9,000 2) 11 1)) 107. 149. 8.100 1.200 136. 23.000 19 1) 3.350 8.750 1 110. 13 11 148.5 7-500 20 1) 73 110 . 23 128522 150. 2-100 150. 7.500 21 1.160 U 114. 33 1) 22 () 147.5 7.300 134. 3.250 13 13 9.000 142.5 23 11 V - 13 1) () 23 11 1. 11 11 23 133. 24 51 13 11 1) 7-200 1) 25 128, 111 51 (j) 145,0 139 129. 9.500 26 d 106. 27 135 128. 8.500 102. 28 1) 132-5 126. 102. 1) 11 1)

MONTH: Mars YEAR: 1979 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ESNA BARRAGE ASWAN NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TZAT DOWNSTREAM! I BRAHIMIA | DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 1.160 127496, 145,000 2.700 132.5 7.000 123,000 3.700 23,000 104,000 9,000 ~ repeated data 2 7.000 120.000 25,000 102. 10,000 3 .1 135.5 123 4000 6.950 3.150 100. 10,000 closed 11) 10.500 11 33 124.500 27.000 5 . 1 136.)) 94. 12,000 6 1) N 3-250 123,000 1) 100. 7 135. 123,500 1) 1))) 8 6.900 135.5 128,000 28,000 94. 9 3.425 136. 92 et 10 191 13 126608 1.000 11 2,000 13 1 1) 11 13 12 136.3 1 1) 11 1) 1) 11 13 136.5 3.525 11: V 0.900 14 1) 11 15 ,) 7.000 126,000 17 150,000 i d 16 33 3) 1) 1) 13 11 17 141.5 129.000 7.323 3-514 94 18 11 3.100 140. 11 . . . 11 155. 11 19 149. 3-400 7-400 1) 11 155. 20 1.000 140. 3.450 1) 11 92. 125824. 0,900 21 145. 1) 12 6,000 96 1) 7-700 3-550 129.000 22 18 13 1.5 147. 23 7.800 132.5 1) 6) ,1 3.200 145. 24 () 12 LI 25 143. 8,000 3.250 1) 100 26 144. 129.0 13 4 100 11.700 150. 1,200 27 , , , 11 1,3 100 3.100 143. 28 145. 1,200 139,500)) 100 136.5 29 1) 96 30 126.000 135. 1) 31 ,1 136.5

MONTH: April YEAR: 1979 DAILY RECORD Mm3/day MINISTRY OF IRRIGATION SOUTCE HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRAGE BAHR MAG DAM ASF Kallab downstream WELT TZAF DOWNSTREAM I BRAHIMIA YUSEF DOWNSTREAM STORAGE downstream CANAL CANAL CANAL CANAL CANAL 124836 145.000 1.300 3-200 136,000 29.000 92.000 7.800 3.250 122.500 11.700 repeated data 2 1) 13 11 - 11 90. 12. 3 137,600 7.700 3-500 125. 11 closed () 12 1) 71 134. 11 3.300 125.5 11 1.450 3-450 124.5 d 11.700 123. 1.500 133.5 6 1) 23 120. 11.000 7 () 3.500 11 8,100 131.5 11 115. 10,000 8 1,600 27.000 11 88. 134. 1) 11 122. 10,000 9 3.500 1) 133.5 7.800 10.500 7) 11 1.700 10 128.5 12: 90. 11.000 - 11 124056. 121.5 11 3.600 15 75 132. 8.000 3-550 11-300 1) 12 134. 2) 8,200 119 11 11.5 71 4 13 28,000 88. 133. 12.1 1) 14 1) 1.650 11 1) 86. 11 132-5 1) 1) 15 1.550 3.400 3.172 135.5 8.500 3) 11 3.500 1) N 16 134.5 88. 1) 11.600 13 11 3.400 17 1) 27,000 133.5 1) 11 90 . 11 11.500 18 1.600 3-300 11 11,900 1) 13 19 - 11 1) 133. L 33 121.5 11 8,700 20 12 1) 13 13 123380 13 21 13 131.5)) 23 1) 88,000 11 1.500 3.000 8.000 22 130.5 13 1) 1.600 23 1) 128-5 13 11 1 .1 1 1) 1 24 129. 1) 13 3.200 25 120.5 17) 87.000 12-400 11 26 () 130.5 13 11 27 V) 133.5 90,000 123,000 3) 28 134.5 33 13 13 33 29 11 134.5 7.900 125. 93.000 12.000 30 7-900 11 4.575 121.5 11.250 31

MONTH: May, YEAR: 1979 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE ASSYUT BARRAGE NACA HAMADI BARRAGE SAHR DAM DAM ASF Kallab downstream west TZAF DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL CANAL CANAL 1.600 3.400 132,000 145,000 7.900 4,000 121.500 27.000 122548 90.000 11,250 ~ repeated data 3.100 2 /33. 7-800 3.900 33 13 11.750 3 11 الزر ا 7.980 3.850 125. 12.400 closed 12 1) 132. 4 13 8,000 3.700 12 1) 11 11 11 135.500 13 1) 13 1) 1) 13 6 1) 1) 137. - 11 1) 11 11 1) 150. 7 11 133.500 11 3.350 (1) 1) 13 8 1) 132. 1) 11 28,000 1) 1) 1) 3.450 9 3-700 134,500 11 1) 155. 11 10 133.500 8.100 3.600 01 1) 122340. 11 11 7) 1) 15 13 11 2) 1) 11 3) 137.500 12 1) 1) - 11 1) 1) 11 160. 1.700 4.000 134.500 13 11 11 1) 93. 131. 1) 1) 14 1) 136-3-400 11 11 95. 1) 165 11 15 11 134.500 127. 11 15 160. 12.650 11 1.800 4.200 141.500 170. 129. 16 7.900 3.200 1000 1) 17 175. 1.700 150 8.100 134. 1 93. 1) 1) 180, 18 13 152.500 136. 1) 11 1) 1) 1) 1) L) 19 1) 138. 101. 1) 1.800 4.500 148 500 105. 141. 20 1) 121144. 1.800 162.500 21 () 73 143. 108. 1) 1.850 4.600 160 29,000 22 11 12 11 1) 1) 1.850 23 4.800 162.500 11 1) 11 3) 1.800 144.5 11. 4.700 11 24 - 33 1) - 73 11 11 7) 8.400 25 146. v 11 11 11 161.500 26) 1 11 V 112. ,,, 1) 190 27 11 29 11 1) 111. 12.000 Li 28 1) 170. 11 113. 12-250 11 29 1) 11 11. 172,500 11 1) 12.500 30 4.500 200 . 3.375 30,000 . , , 11 153. 176 31 1) 4.300 114. 0.5 8.500 12-750 156.5 13

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: June YEAR: 1979 DAILY RECORD Mm3/day
Source Ministry of IRRIGATION.

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR
A y	STORAGE	DAM downstream	CANAL	CANAL	downstream	WEST CANAL	CANAL	DOWNSTREAM	I BEAHIMIA CANAL	DOWNSTREAM	YUSEF.
1	119 896	205.000	1.800	4.300	181,000	8,500	3.375	153.000	36,000	117.000	12.750
2		l p	1)	11	185.	23	3.450	160.	1)	120,000	
3		(,	1.700	1)	187.500	11	1	167.	N		i,j
4		1)	1)	4.100	190.		13	13	1	124,000	
5		η)	1)	3.900	191.	9.000	1	1)	, j	127.	,,
6		1)	1.500	3.600	187.		il il	168-500	V	131-	13.000
7		(4	1)	13	188.		N	13	p))	,)
8		210.	V	,)	3.3		3-650	170.	31.000	133.	1)
9		11	4	,	192-	1	1	171.500	γ	25	13.500
10		()	11	ν	,)	9.200	3-700	173.	11	99	
11	118 544	1,1	1)	N)	190.	- n	4.000	1)	1/	2)	23
12		ν	j)	L(23	9.400	i 10	176-500	l)	131.	A
13		1,3	1)	,)	192.	9.700	i i	178.500	V	130.	
14		13	13	ρ	3)	1)	11	15	1	131.	
15		215.	y)	V	3)	1		(1)	\J	136.	1)
16		l l	- N	1	1)	- ly		14	1)	32	7)
17		1)	1)	y)	196.			1		ا در	14.000
18		17)	1)	198.	,)	\4	11		j)	///
19		e	1)	,,	196.	,	14	13	ų.	1,5	1,1
20		225.	1:400	3-700	200.500	10.300	4.250	183-500	32.000	132-	11
21	116922-	ا در	ν	1)	204.500	10.500	V	1	Ce Ce	135.	14.250
22		230.)	V	208.		,,,))	N I	137.	1
23		B	1)	1)	209.	,	3)	192-500	· · ·	7	11
24		ρ	1)	3-500	13	,, ,	A.300		1)	141.	()
25		υ	,)	73	L.	10.800	3.428) j	32.600	144.	14.750
26		240.	1.500	3.800	٠, ١	11.000		j)	33.100	149.	15.350
27		l lu lu li	1	,	211.500	0.3	3.989	195.	34.200	153.	15.850
28		t)	-3	3)	214.500)))	3.689	191.	34.750	160	16.350
29		13	1.650	4.000	212-000	1)	3.934	202.5	34.750	11	16.600
30		13	31	3)	217,000	11,100	4.166	199.))	,)	16.100
31											16.11.9

	MONTH	: July	YEAR:	1979	DAILY			M m3/				
		0 0			urce M'		OF IRRIG	PATION				
D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA	AMADI BAR	RAGE	A SS YUT	BARRAGE	BAHR	
A	DAM	DAM	ASF	Kallab	downstream	WEST	TEAST	DOWNSTREAM	IBRAHIMIA	DOWNSTREAM	YUSEF	
У	STORAGE	downstream	CANAL	CANAL	A C do Late in territoria della servizioni di carrièri della	CANAL	CANAL		CANAL			
	115000.	240 00	1.700	1, 1, 1	210	.,	1	100 000	35.450	162.000	16 116	
2))	1.800		218.600		4.166	17 71000	27.750 12	The second second second	-	~ repeated da
3		1	1.900	4.400		11 3	1)	3,3		167,000	16.800	•
4			2.100	4.900	1)	11.3))	ν'	3 4 1000))	18.000	closed
5		11	2.100	3.400	213.			201.500) jj	1	1)	
6		235,000	,,	4.900	215	۱۱ اد	4170	701,500	,,	17		
7		11	,,	4.900	215	35	1))		1)	17-250	
8		.,	7)	5,000	209.	11.400	1)	1)	, ,	r)	- Andrewson - Company of the Company	
9		,,		1)	207.	11.400	1)	ζ	()	1)	16.750	
10		11	11	· · · ·	211.	17	11	Ų	1)	,,	16 17 30	
-11	112950.	1,1	2-200	5.400	11			1	()	,	16.000	
12		230,000	1)	11	210-),		1)	11	165.	-	
13		11	1)	11	208.	1		3)	38.800	163.	15.500	
14)J	11	11	204.	11.200		193.500	The state of the s	100	16,000	
15		13	11	11	203.	11.200		188.000))	70,000	
16		225.000	2.100	5.200	1)	11.300	5.048		, ,	161.	,3	
17		220.	,,,	11	3)	1111300	,1	192.500	40.700	158.	16.750	
18		1)	2.200	1)	197.	1		186.500	The state of the s		33	
19		1)	i,	11	194	11.500		13	36.500			
20		, t		1)	195	N.		184.	36.300	161.	10	
21	112200.	1)	2.200))	196.5	11.300	5.800	177.	4	152.	30	
22		1)	2-100	5.100	11	11.000	5.850	182.500		149.	V)	
23		P	"	13	33	10.900		178.500	control of the second second second	143.),	
24		12	, Š	5,000	THE RESERVE THE PARTY OF THE PA	the state of the s	5.850	182.500	1	138.	16.500	
25		13			196.5			182,000	contract the free part of the contract of	1)))	
26		11		, , , , , , , , , , , , , , , , , , ,		p i	5.414	11	,,,))	16.250	
27		1)	2.000		196.5	11	5.200	1))		143.	16.000	
28		13	7,3	ا از	7,3	13	,,,	33	,,,	1,1	11	
29		λ1	2-100	4650		'n	5.000	180.000	35.600	1)2	15.500	
30		218	13	4.500		10,900	11	1)	1)	v	ψ	
31		215.	NJ.	4.500	1)	i i	5.002		Ú	.,	, , , , , , , , , , , , , , , , , , ,	

MONTH: Aug. YEAR: 1979 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TZAJ DOWNSTREAM! I BRAHIMIA YUSEF DOWASTREAM STORAGE downstream CANAL CANAL CANAL CANAL CANAL 198.500 11.300 4.500 180,000 35,600 145,000 2.100 3.725 111250. 215.000 17,000 repeated date 198,500 11,500 2 13 4,100 13 36.300 3 1 1) 1 1 147. 17,300 , , closed 196.500 11.450 11 11 4-300 3) 1) 2) 210. 4-700 11 4 178.500 144. 12 21 1) 197.500 16.800 1) 1) 1) 141. 1) 1) vi 1 194.500 ,) 139, 1) 16.300 8 193,500 4.100 11 11 1) 1) 71 9 11. 176.500 1) 11 16,500 11 13 200. 11 13 15 10 11 11 1) 11 11 1) 111700 11 11 te 13 11 W . . . 11 184,500 173,000 V 11.500 136. 16,000 12 13 1) 11 1) 183. 11.550 168,000 13 11 11 1) 11 35.450 15.500 185. 11.700 163. 14 1) 134. 1) 2,000 4.800 186. 11.500 168. 15 1) 130. 1) 13 183. 16 1) 1) 125. 15 1.3 11 190. 17 11 11,000 166. 33.500 1) 1) 1) 1) 1) ,0 18 131 180. 15 162. 35.450 1) - 1) 15,200 11 5,000 175. 4.400 130. 19 166. 15 1,900 10.700 34,000 163. 129. 20 1) 114500 4,850 180. 141 172. 73 21 126. 160,000 1) 1.700 4.800 170.)) 127 22 1) 11 170. 9-650 1.500 4,700 168. 4.225 (1 23 158. 13 1.550 11 160.5 14,900 1) 24 1) 11 1.500 9.500 11 158. 25 154. 1) 12 11 12 145 26 3) 1) 11 128. 14,000 165. 1) 154. 27 1) 11 137. 33.000 110. 11 28) 5 140 99. 11 11 1.600 3.1 149. 29 11 11 1400 1) . 4.800 30 1) 148. 9.700 1) 11 100. 31 1) 1) 146. 137 9.100 11 100.

MONTH: Sept YEAR: 1979 DAILY RECORD Mm3/day Source ! MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRAGE SHAR DAM MAG ASF Kallab downstream WEST TZAF DOWNSTREAM! I BRAHIMIA YUSEF DOWNSTREAM STORAGE downstream CANAL CANAL CANAL CANAL CANAL 1.600 146,000 9.900 165. 4.800 132,000 93,000 14,000 11828 4. 4.225 33,000 ~ repeated date 5,000 1.700 2 11 131. 92. 1.900 3 43 11 l V 11 , , closed 1.9 ti. 1) 1) 11 90 . 31,000 1) 1) 11 11 93. 11 11 11 1) 13,000 1) 1) 11 il 7 11 +1 1) 1) 15 144.500 1) 10.000 11 11 160. 1.700 9 4.900 1) 29,000 100. 1) 143,500 1) (1) 1) 10 1) 1))) , 1 121040. 11 15 1) 15 29,000 92. 15 2) 11 1) 155 12 1.500 4.750 10.200) ! 4.025 130.5 28,000 95. 13.5 4.600 141,000 13 ...)) 10,000 1) 94. 73 13.8 1.450 11 139.000 9.900 14 11 29,000 95. 13 -)1 138,500 9.650 15 1) 14.3 21 13 9.000 3.925 1.200 4.300 16 11 11 13.8 150. 1.220 17 25 140. 3.800 129.000 11 1) 13. 145. 1.150 93. 18 1) 138. 1) 3-600 11 12. 1/ 1.040 4.000 135. 19 28,000 11 1.5 1/ 1) 1) 1.060 133. 20 - 1) 1)) 27,000 11. 122 860 . 1.000 1) 132. 8.850 21 3,300 125.000 22 1) - ,1 3-800 131.5 8,800 3.200 123.5 11 13 J. 0.900 3.500 23 11 1) 91. 3.100 11 11 140. 132.)) 8.700 24 1) 11 11.5 31 11 129.5 13 25 1) 26.000 2.2 1.080 3.300 8.500 128.5 26 1) · V 11 135 27 1.050)) 127.5 7.727 3.568 11 11.000 1.020 28 3.150 125.5 7.727 2.5 25,000 11 0.980 3,000 29 122.5 8.400 1) 11 30 1.000 121.5 3.100 11,500 7,000 121,000 31

MONTH: Oct YEAR: 1979 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR MAG DAM ASF Kallab downstream WEST DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL CANAL CANAL 3,000 1,000 135,000 121,000 7,000 25,000 97,000 11,500 3.100 120,000 123744 ~ repeated data 2 1 93. 11 118,000 61 3 6.600 3.200 () 90. 11.250 closed , 1 14 11 1) () 18 13 11 13 11 87. 13 11 t/ 11 15 120,000 1) 1))) 11 1.100 7 4,000 1) 114,000 1) 8 121,000 1) 16 11 11 120,000 9 11 86, 10.750 13 11 0.900 10 1) 1) 13 1) 11 1) 125096 130,000 11 . ,5 (1 1.1 6.400 114,000 24,000 3,100 1) 2) 0.820 3.800 175,000 12 6.200 11 1) 13 118,000 13 11 118.500 6.100 3,000 87. 1) 11 116.000 119. 14 1) 15 1) 33 0.850 15 114. 90. 11 11 1) 118.500 11-16 1) 11)1 110. 10.250 ,) 1) 11. 17 1) 11 1 3,100 86. 11 1) 1) 18 11 11 11 117.00 1) 1)3 9.750 13 13 1) 11 19 15 11 11 11 13 11 11 122.000 20 1)): 11 11 126188 () 11 21 .. 93 . 1 1) 73 1) 3-700 22 11 1,000 124.500 11 1) 125,000 123,500 23 V 114.)) 3.100 10.250 1) 118.500 24 11 90. 1) 23.000 116. 0.800 3.600 114.500 25 91. 1/ 114. 14 26 11 11 110. 10.650 55 1) 1) 6.400 () 108. 90. 27 3) 0.750 113.500 28 3.550 (1 73 24,000 86. 29 - ,) 11 11 11,000 13 33 0.750 6.500 3.150 30 84. 1) 11.600 3.400 115.000 25,000 31 0.900 12-200

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

. MONTH: Nov. YEAR 1979 DALY RECORD M m3/day

source Ministry of Irrigation.

	High	Aowan	Esn	a Bai	rr.	Nag Ha	madi	Barr.	Asint	Barr	Bahr	7
	Aswan Dam	Dam.	Asf	Kallabia	Down st.	-		Down st.	Ibrah.	Down st	yossef.	
	126240.	125.000	0.950	3.400	118.500	6.500	3.150	108,000	25.000	84.000	11.800	2.000 + 1
2	2021))	1)	, ,	1,	11	1.1))	11) .	73	- Closed.
3		1.7	13	()	114.000	15	13	11	11	,1	IJ	- (tosed.
1		1.7	11	()	115,000	7-500	3.250	11	13	11	12.100	·
-		IJ	, 1	1)) j	8,000	3.600	106.		t)	12.200	
;		, 3	1)	13	1)	8.500	3.650	104.	11	80,000	12. 200	
,		1)	11	1.)	113.500	11		13	11	76.000	12-400	
3		1)	0.900	3.390	112.500	1)	11	102.	11	74.000	13	
1		130,000	13	11	11	8.700	11	11	,)	44.000	11	
0		/1	N	3.400	113,600		1.1	,,	11	, ,	1)	
(125 928	13	0.950	3.450	116.000	13			-			
2	103.00))	13	3.70	117.500	11	13	102.	13	(1)	11	
3		+3))	r)	118.500	1)	1,1	105.	1)	76.000	11.900	
4		(1	1.000	()	118.500))	(1	108.			1)	
5		(.)	13	(1	117.5	1)	(1		,)	()	N	
6		125,600	, j	1)				109.	,)	, 1	, /	
7		13	()	(1	116.	()	1/	زز	1.)	80.000	11.500	
8			1,	1	11	13	,1	11	,)	1)) 3	
		′)		3.350	115.	11	1.7	108.	13	(1	11	
9		130,000	0.900	3.250	114.	11	1/	1)	11	./	()	
20	27/	1)	0.950	3.300	116.	7	. /	(3	IJ	"	11,000	
21	125876	125.000		3.200	119.	8.600	3.600	13	24.0	13	11,000	
22		11	(,		120.	, ,	2.1	11	,)	(1)	10,000	
23		11	0.850	3.200	114.5	1.7	, ,	109.	1.3	1)	9.500	
24		, 1	13	1.1	114.	8.250	3.375	114.	, ,	1.)	t 1	
25		11	0.900	3.800	115.	1)	13	110.	23.000	90,000	13	
26		//	0.972	3.944	113.5	13))	109.	13	91.000	11	
27		11	0.870	3.720	114.	11	13) 1	1)	11	8.500	
28		И	0.900	3.650	115.	1.)))	108.	, ,	85.000	13	
29		11	13.	. 11	115.	1)	3-300	106.	()	(1	9,500	
30		(1)	0.860	3.600	114.	11	3.225	11	rl	- 1	,1	
31		.,										

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Dec. YEAR: 1979 DAILY RECORD Mm3/day

Source: Ministry of IRRIGATION

				50	urce M	INISTRY	OF IRRI	GATION					
D	HIGH ASWAN		ESNA	BARRAGE		NACA	HAMADI BA	RRAGE	A SSYUT BARRA GE	BAHR			
A	STORAGE	DAM downstream	AS F CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	IBRAHIMIA DOWNSTREAM	YUSEF			
	1121									ACCOMMENTAL DESIGNATION OF THE PROPERTY OF THE			
2											~ Y	epeated	data
3													
5 4												closed	
5													
6													
7													
8													
9													
10													
41													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31										-			

data

-3	· MONTH	: Jan	YEAR:		DAILY urce: M				gaX			
	HIGH ASWAN	ASWAN	ESNA	BARRAGE				RAGE .	A SS YUT	B 6 9 9 6 5	BAHR	
1	DAM	DAM	AS F	Kallab								
<u> </u>	STORAGE	downstream	CANAL	CANAL	downstream	CANAL	chinal	DOWNSTREAM	CANAL	DOWNSTREAM	YUSEF	
1	124836	120,000	1.300	4,000	111.000	7.000	3.175	102.000	22.000	65.000	8.500	~ rep
2		110,000	1.000	3.400	120.5	5.800	2.700	110.	17.060		7.000	~ Ye
3		1			123.5	3.600	2.000	115	12.070		5,000	ا
4		, , , , , , , , , , , , , , , , , , ,			113.5	1.500	1,000	117.	7.000	110.	3,000	
5		11			109.5	****		119.	2.000	106.	1.000	
6		1)			31			114		1)		
7		1)			1)			107.		118.		
8		1)			112.			ι ές		108.		
9		1)			112.			10		116.		
10		V		Last transport to the control of the	107.			105.		115		
41	124264	,,			102.			103.		در در		
12		v			3)			101.		113.		
13		13			LJ			1)	-	108.		
14		1)			1)))		106.		
15		V			104.5			(6		104.		
16		· ·			111			13		1)		
17		10			11			ا ا		,,		
18		12						j)		106.		
19		1)			jj .			j)))		
20		115.000			ıj			j.	-	103.		
21	123692	125.000	printer make the proportion of a remark to the extra rest		,,		*	,,		,,,		
22		7)			1)))		3)		
13		13			1145))		102.		
2 4		,,						j,	2.000			
2.5		ν)			109.5			105.	2.0	93.	2.000	
26					107.			117	4.0	88.	4.000	
2 7		130,000			102.			101.	6.0	83.	4.0	
2 8		ı)			97.		-	98.	15.0	80.	5.5	
29		l d		3.100	,,	9.500	3.950	90.	15.0	62.	3.5	
30		,)	0.500	3.500	105.	9.700	99	88.	15.0	55.	3.5	
31		135,000	1.000	3.600	107.	10.300	2.5	90.	25.0	50.	10.0	

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS.
MONTH: Feb. YEAR: 1981 DAILY RECORD Mm3/day.
Source: Ministry of IRRIGATION

	HIGH ASWAN	ASWAN		BARRAGE		IN UA R	AMADI BAR	N. III	TUYZZA	DAKKAGE	BAHR
A	STORAGE	DAM	CANAL	CANAL	downstream	CANAL	TEAST	DOWNSTREAM	I BRAHIMIA CANAL	Dow4stream	YUSEF
	122808	140.	1.500	4.600	110.000	10.300	3.950	90.000	27.000	45,000	11,000
2		145.	1.7	4.500	112	11.	y3	95.	73	48.	1)
3		ij	13	(\$	124-500	11.200))	73	51.	ŊJ
4		l)	1)	34	126.000	11.	j.	- >5	,)	48.	Lí
5		(3)	1.600	4.400	/32.	33		102.	13	,,	11.40
6		1,1	1.300	3-700	127.	>>	1	105.	1)	51.	1)
7		C ₁	3 3	13	125.	10.950	3-850	108.	28,000		12.00
8		155	0.900	1)	33	13	1)	1)	,))	56.	12.50
9		12	33	33	133.	10.000	1)	110.	7,3	1)	1)
10))	0.756	3.600	138.	9.900		110.	1)	1)	11.50
11	121976	,,	0. 900	15	135.))))	115.	زر	61.000))
12		150	11	2)	136))	3.950	120.	27,000	72.	11.00
13		25	1.100	4.000	1)	1,1	, i),	וו	81.	11.50
14		1)	1,000		134.5	9.800	3-850),;	73	86.	12.00
15		13	13	3,7	134.5	8.800	3-670	123.		73	7,7
16		1)	7)	1)	1)	9.300	3.450	1)	ν,		13
17		140,	33		7,3		,,,	118	ν	13	11,000
18		135.	1.200		,,,	8.800	3-350	13	1,1	85.	9.50
19		130,		111111111111	127.	,	1)	120.	25,000	86.	13
20		125.	12	1	117.	100	11	118.	24,000	1)	l)
21	120 936	1)	3,1	75		8.600	71	1/2.	75	86.	13
22			1.000		114.5		1)	107.	,,	81.	ij
23		130.	11		ji .	8.850	11	105.	, i	72.	
24		135.	J		116.	8.600	3.100	γ		62.	9,00
25		/25.	1.200	4.000	121.	8.500	13	107.	23,000		i j
26		1)	13	1)	119.500	7.250	33	110.	13	62.	γJ
27		0	ν)	11	112.	, ,,	19	,		69.	4.9
28			33	()	111.000		10	108.	1,3	76.	, i
				A						783	
H											

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Mars YEAR: 1981 DAILY RECORD Mm3/day

source ministry of IRRIGATION

D	HIGH ASWAN	AS WAN		BARRAGE		NACA A	AMADI BAR	ZAGE	A SS YUT	BARRAGE	BAHR
A Y	STORAGE	DAM downstream	CANAL	KAllab CANAL	downstream	CANAL	CANAL	DOWNSTREAM.	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF.
1	120 416	125,000	1.100	4,000	111.000	7.250	3.150	102.000	23.000	76.000	9.5
2		,,	1.700	71	ا (ر	13	>)))	23.	69,	10
3		135.))	,,	112.000	,,	13	104.	1)	68.	10
4		136.	1.200	3.900	118.000	, in the second	31	1)	22))	9.75
5		135	,,	1)	122.	11	1)		24.))	10.2
6))))	,,,		7.1	1)	111.	26.	61.	11.2
7		13))	,)	3.1	7)	V	115.	27.	68.	11.75
8		11	1.000	3.800	1)	7.600	3.350	111.))	69.	10 7
9		140.	73	(1)	120.	8.000	3.500	110.))	72.	15
10		13	l)	1	121,	8,000	1)	· · · · · · · · · · · · · · · · · · ·	, i	69.))
11	119480	145.	1.100	3-600	120.	. ,,	3-600))	1)	68.	12.00
12		12)]	, i	127.))		111.000	19	68	,,
13		1)	Ď	1)	128.5	TI .	3.550	113.	V	68.	JJ.
14		1)		1)	129.5	8.400	3)	116.	,)	69.	11,00
15		1)	1.200	,)	, i	8.	1)	120.))	72.	10.00
16		1)	Ŋ	3-300	132.5	7-950	1)	121.))	81.	10.50
17		1)	o l	3.600	133.5	8,000	(4	123.))))	11,00
18		1)		3.800	10	11	13	120.	ν	84.	11,50
19		,,,		1	33		1)	117.	· v)))	الرز ال
20		,)	13	>1))	l ^j	, y	118.	ע	81.	12.25
21	118 336	1)) j)	3)	· · · · · · · · · · · · · · · · · · ·)	120,	28.000	76.))
22		150.	1.100	7)	,)	8.200	3.600	115.	2)	,,	12-75
23		<i>y</i> 3	1	3-300	140.	1)	3.500	(15.	7,5	81.	12.25
24		71	31	3)	142.	1)	3.150	120.		69.	12.00
25		13	3,5	3.400	140.5)	3.200	12A.	()	72.	12.50
26		1)	,,	13	143.5	, y	3.565	121.	()	81.)]
27		. ,)	13	13	139.5))	3)	, <u> </u>	,,	84.	12.00
28))	· · ·	7,5	ji li	8,000	3.)	124.	V	81.	12.00
29		9,5	0.900	3.000	i)		3.611	126.	v	yi	,,,
30		145	ν	, j)	t,	, y	1)	ازر ا	1)	84.	11. 25
31		13	,,	,,,	133.5	1 1	i)	124.		D)	11.25

repeated data

closed

1131	MONTH	: April	YEAR:	1981	DAILY	REC	ORD	M m3/	day				
		, , , ,		501	rce Mi	NISTRY O	FIRRIG	ATION					
).	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA A	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR		
	DAM.	DAM	ASF	Kallab	downstream	WEST		1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		DOWNSTREAM	YUSEF		
	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL				
	117036	145.	0.900		136.000	8,000	3.611	126.000	28,000	87.250	11,600		
2		2)			, j))		č	73	1)	73	~	repeated da
3		, , , , , , , , , , , , , , , , , , ,			133.500	,,	2,000	1)	(1	13	,		closed
4		(1)			11)	3.644	33))	85.250			closed
5		11	1.400	3.400))	11	121.000	and the same of th	1)	51		
6		,,,	,,,	13	131.	ı)))	,,	11.500		
7		,j	1.150	3.350	129-))	,1	114.000		79.000	12,000		
8		1	,,,	3.200	124))	1)	1)	,)	72.500			
9		,,	1.250	3.550))	1)	1)	, i	67.500			
10		U	1.350	3.750	119.			112.000	1)	63,000			
11	115956.	145		1)	126.500	13	3.500	110,000		63.000	11.000		
12		135	1.300	3.700	129.	,)	1)))	7)	,3	1,1		
13		,)))		122.5	y	3.650	119.500	CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	.,	,,		
14		()	1)		120.	1)	1)	123.000		76.500	,)		
1.5		136	1.700	1)	1)	7)))	25	y	1/	11.500		
16))	3)	11))))))	117.500))	70.	1)		
17		1)	1	1)	115	,	13	116.))	70.	32		
18		(1)	1)	11	7)	Ŋ	3)	114.))	63.	11.000		
19		,	,	3.650	, i))	, J	112.500		62.500	the state of the s		
20		U			117.	V	i i	112.500		58.250			
21	115 350	12	,,))))	()	y)))))	54.300	11.500		
22		135.	1.750	3.750	119.5		, i	ور ا	C C	1)	12.000		
23		71	73	,,	122.	, i	Ŋ.	111.	1)	الر	16,0		
24		,,,	1)	1)	124.5	i ja		111.	3)	1)	12.800		
25		1)	1,1	1)	127.	12	, , , , , , , , , , , , , , , , , , ,	114.	, j	58.250			
26		140.000	1.500	3.500	77	ν	3.530	119.5	79	62-500	70		
27		ŊĴ.	,,,	10	71	·	3.550	119.	17	67.500	ıj		
28		145.000	,,,	L. Li	121.		3.650	119.	1)	77.000			
29		, ,	1.450	3.000	127.	, p	7,,	121.	(1))	37		
30		, J	, i	2.800	122.	9,000	, ,	121.	1)	7.)	7)		
20	CONTRACTOR DESIGNATION OF THE PERSON OF THE												

repeated data

closed

D	HIGH ASWAN DAM STORAGE	AS WAN OAM downstream	ESNA	BARRAGE		NACA HAMADI BARRACE			A SSYUT BARRAGE		BAHR
A Y			AS F CANAL	Kallab	downstream	WEST CANAL		DOWNSTREAM		DOWNSTREAM	
1	114750	145.00	1.450	3.200	127.000	9.000	3.655	116.000	28.000	89.600	12,800
2		33	1)	12	13	9.000	1)	121.000	j)	87.000	12.300
3		33	11	33	y)	8.000	33	125,000	11	80.600	
1		13	1.500	2.700	132.000	1	3.465	,,		83.800	12.800
5		11	19	1,	7)	,)	33	123.000	71	89,600	11
6		1	1.650	2.750	1)	Ŋ	i j	j.	į)	μ	12.700
7		1)	/3		137,000	, , ,	1)	,,	7.1	87.000	1,1
8		1	,,,		131	1)	3)	127.000	11	11	· · · ·
9			11		**	13		129.000	11	89.600	
10			1.600		134.5	V	at the trace there is no an all the	131.000	11	95 600	
11	113850	11	1)		14	1)		129.000	11	95.600	12.200
12		150-		3.100	132.)1		123.000	,,	2)	11
13		3)	1.700	3.500	134.5	1,1		127.000	27,000	13	11.700
14))	13	11	139.	1)	4.821	125.000	,,	92,600	11.200
15		155.	(f)	· · · · ·	144.5	13	,,	129,000	11	11	11
16		160.	/>	1)	1))3	11	131.000	/1	95-600	1/
17			1.850	3.800	11	1)	4.800	132.000	,,	98.400	,,
18		13	1)	y .	147.	1)	4.000	132.500	IJ	101,400	11.700
9		p	1)	(*)	13	1)	3.925	the second secon	11	//	1
20		170.	2.000	4.200	142.	8.100	3.850		//	U	, a
21	113100	3)	1)	-))	147.	33	3,825	136.000	11	98.400	,,
22		1)	,)	3)	1)	3)	13	//	28,000	N	11
23		11	y	23	152.	1)	3.800	139,000	0	101.400	7)
24		175	1.900		157.5	1)	p	13		107.200	N
25		3)	,,,	4.300	3.3	v)	3.780	144.000	11	110.000	, ,
26		33	2,000	4,400	152.		3.500	149.000	11	113.600	,,
27		O	n)	Ŋ	158.	L/1	" "	145,500	,,	119.200	11.400
28		()	13	1)	3,5	1)	υ	142.500		122.000	13
29			13	17.	13	1/	11	148.000	rs .	116.500	11.700
30		n n	1)			E)	,,,	149.000	,,	113,600	11
31		1)	vj		3.1	i))J	jj	1/	119,500	l)
1111								Transfer of the state of			

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS.
MONTH: June YEAR: 1981 DAILY RECORD Mm3/day Source Ministry of IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE A SSYUT BARRA GE DAM DAM ASF Kallab downstream west EAST DOWNSTREAM I BEAHIMIA DOWNSTREAM YUSEF CANAL CANAL downstream STORAGE CANAL LAWAL CANAL 3.500 149.000 28.000 122.000 11.700 111700 180,000 2.000 4.400 156.000 8,100 ~ repeated date 4.600 157,500 3.600 148.000 (J 1) 11 185. 11 11 160. closed 11 119.200 11 190. 21000 4.900 11 11 15 11 195. () 167. 11 ,, 11 // 6 11 11 170. ... 154,5 122.000 // 1.1 7 2200 5.000 172.5 8.300 3.725 200. 29.000 160. 128. 12.300 11 - 1 8 11 3.850 8.400 163. 134. 12.700 11 180. 3.950 165 140. " 205. 2,300 175. 10 11 3.900 168.5 143. 110066 210,000 2.300 11 5.200 3.900 169.500 146,000 15 13.500 180. 165. 31.000 12 143. 1) N 190. 11 4.025 13 11 13 146. 11. 5,400 189. 14 11 169. 143. 15 1) 190.000 173. 11 146. 189,000 9,000 13 16 215 149, 13 17 11 11 11 191. 32.000 171. 146. 14.200 18 11 168. 193,500 11 11 ,1 19 - //)1 11 173. 11 11 220. . , , 11 176.000 20 13 108421 2.400 225. 194.500 5.800 11 21 11 177.500 ... 149. 11 183,000 22 199. 10.200 154.600 () 11 23 230. 11 200,000 11 11 11 13 13 11 11 2,500 6.000 24 N 11 11 11 25 11 11 IJ u 11 13 33.000 13 11 235. 73 26 185. i) ,1 158. 14.800 216.5 27 240. 186.5 11 166,400 11 2.650 6.200 211.5 28 11 13 11 29 79 214. 11 188. 34. 164. 11 30 218. 191. 31

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS.

MONTH: July YEAR: 1981 DAILY RECORD Mm3/day

Source Ministry of IRRIGATION

HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE ASSYUT BARRAGE SAHR DAM MAG ASF Kallab downstream TZAJ DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF WEST STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 193.000 34.000 148.000 15.300 2,500 6.400 116.500 4.025 10.200 1) 214. 169. 35.000 147. 156. 15.800 164. 16.050 194,500 36.000 162. 2.400 6.200 213. 16.500 196,000 ,1 165. 210.500 36.500 170. 16.750 6.100 2.500 208. 37.5 169. 210.500 193.000 17.250 +5 208. 16.750 167. 204. 165. 16.250 202. 11. 189.500 202. 181.5 167. 6.200 2.600 199.5 177.5 162. 157. 200.000 103 205 10.500 154. 2.500 6.100 147. 16,000 176.000 36.500 154. 16.500 156. 11. 150. 173.000 193,500 -

~ repeated data

closed

· MONTH: Aug YEAR: 1981 DAILY RECORD Mm3/day Source MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST FRST DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 102 485 175,000 36,500 150,000 15,500 ~ repeated data 215 193.500 10.500 2.500 4.025 -2 6.500 173. 35.500 149. 11 15.2 3 11 11 11 11 173. 11 11 14.5 closed 210 11 10.600 4.100 179. 148 1) 5 2.400 11 11 11 11 11 177.5 15.3 149. 6 11 192.500 11 11 11 175. 152. 1.2 7 11 15 191. 11 171. 11 11 8 2.300 165. 11 186. 11 11. 148. () 9 11 11 137. 13 10 11 4.025 11 11 131. 11 104555 11 11 11 11 11 13 12 11 11 11 11 10 11 11 11 13 11 11 ,) 11 11 11 200 14 11 10.800 4.100 162.000 11 15.800 15 11 11 11 11 11 11 (1 1 1 16 11 3,900 182.5 11 165. 132. () 195 17 11 11 11 162. 11 132. 15.550 11 11 18 11 178.5 10.300 161. 34.500 136. 11 11. 19 11 175. 11 11 163. 34.000 138. 15,300 11 11 11 20 11 11 161.5 131. 15.050 107669 190 21 11 11 11 155, 11 11 10 1 26 22 11 171 11 151.5 1) 11 1) 13 23 11 11 168.5 10.100 3.850 153. 33.450 129 14.800 185 11 24 6,000 170 3,800 11 11 126 25 180 11 11 11 11 151. 11 33,000 123 14.550 175 6.100 2.000 26 18 167.500 11 11 11 120. 11 165 13 27 11 155. 3.800 14.300 149.5 32.500 118. 2.250 28 . 11 11 11 32.000 119. 3.825 148. 14.050 152.5 2.200 18. 29 (1 11 11 142. 110. 11 6.000 30 2.250 150, 11 N 138,5 11 107 31 12 11 11 // 101.

	- MONTH	: Sept	YEAR:	1981	DAILY	REC	ORD	M m3/	day			
	10	1			urce : M'							
D	HIGH ASWAN	AS WAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RNGE	TUY 22 A	BARRAGE	BAHR	
A y	DAM	DAM	AS F	Kallab	downstream	WEST	7243	DOWNSTREAM	I BERHIMIA	DOWNSTREAM	YUSEF.	
1	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL	CONTRACTOR STATE OF THE STATE O	CANAL			
1	110 865.	165,000	2-250	6.000	145,000	10.100	3.825	134.000	31.000	97.000	14.050	~ repeated (
2		13	2-100	1)	p	10.	33	6	13	94,000		~ YEPERIES
3		ν) i	N.	61		•	i i	1)	Ú	100	closed
4		ø) 1	14	1)	9,900	9)	v	V	73	11	
5		1)	2.000		143.500	y i	111	1)	12	1)	1	
6		16	1)		9))1	7	j)	30,000	r)	13.050	A
7		,,	2.040	6.080	145.500	, ,,	3-750	132.	11	1)	13	
8		,1	2-400	6.100	148.500	12	, ,	131	30.000	1,7	17	
9		,,	2-100	11	7)	9.800		132.	29,000	1)	12.150	
10		11	2.050	5.500	146.000	15		132-	28,000	97.000	12-350	
11	115750.	()	,,	13	13	()	11	13	\3	13	13	
12		1:3	2.080	v	147.500	V		7)	13	1)	1,2	
13		13	1.900	دو	1,2	()	11	· · · ·	27,000	101,000	12,000	
14		1,	1.800	5.480	142.500	9,700	1	135.	11	- "	13	
15		160.	i i	23	140.000	9.650	1	137.	V	et	1,7	
16		155.	111	5,000		9.600	- 4	139.	V	104,000	***	
1.7		145.	1.500	4.940			1)	137.	1/5	107,000	12400	
18		, 3	1.430	4.800			1)	134.	•	104,000	12.500	
19		53	1.300	4.540				131.	1)	97,000)	
20		140.	1.860	2.820	121.500		3.700	128.	U	94.000	, , , , , , , , , , , , , , , , , , ,	
21	119116.	33	1.800	2-700	122.000	, ,	3-650	125.	1)	92.000	10	
22)1	1-760	2.620	120.	9.450		120.		90.	1)	
23		135.	1.800	2-800	120.	9.200	3.525	121.	l II	87.	13,000	
24		140.	11	25	170.	9.050	3-300	120.000	11	86.250	13.500	
25		130-	1.770	2-740	118,500	8.900	3-150	13	19	2)	, j	
26		13	63	71	<i>y</i>)	3,		Ð	11	85,000	13,000	
27		, j	1.750	3.500	116.000	ı,	1	117.000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13	12-250	
28		135	1.700	3.400	112.500		0	0	1	80,000	11.500	
29		140	1.750	3.500	1/5	(i)		13	26.000	11	11.000	
30		19	1.800	3.700		7.500	i	114.000	25,000	85,000	10.500	

~ repeated date

closed

MONTH: Oct. YEAR: 1981 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM ASF Kallab downstream TZAF DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF WEST STORAGE downstream CANAL CANAL CANAL LAWAL CANAL 3-700 115,000 7-500 3.150 25,000 80,000 10,500 115.00 140,000 121664 1.9,00 11 74.250 10,000 2 13 80.000 11 13 13 X1 1) 2.000 85,000 4.000 1) 11 11 7.300 4-300 3,100 1) 1) 1.3 122.500 7,000 4.500 3,000 1) 11 8 11 11 11) 11 4.600 2-100 125,000 190.000 9 11. 122,000 69 10 124368 85.750 6,000 49 13 11 11 124,000 2.050 4.500 122.500 87.750 11 1) 12 89.750 11 1.1 31 1) 123,000 13 4.300 23.100 99. 2.000 1) 1) 14 120,000 9.700 15 1) 1) 11 125,000 89.250 11 9.400 16 15 1) 17 11 87.500 11 18 it 11 121,000 1) 118,000 19 11 4.200 - 0.7 13 20 11 125512. 11 21 11 11 1) 120.000 86.250 11 120,000 22 11 1) 11 1) 11 1) 23 1) 1) 1) 127,000 1) 24 11 1) 127.500 11 10,000 25 1) 11 125,000 26 11 27 127.500 13 11 4.400 6-100 28 87,500 1) 13 29 13 11 11 30 6.200 31 3.000 23,300

	· MONTH	· Nov.	YEAR:	1981	PLOW	REC	CHRIST SANGE WAS A CHARLE	M m3/				
	1 to 1 to 1				urce M'							
	1,,											
D.	HIGH ASWAN	ASWAN		BARRAGE		NACA A	AMADI BAR	RAGE	A SS YUT	BARRAGE	BAHR	
A Y	STORAGE	downstream	CANAL	CANAL	downstream	WEST		DOWNSTREAM	IBERHIMIA	DOWNSTREAM	YUSEF.	
	STORRUE	downs iveam		CRRAC		CANAL	CANAL	manipul environment participa	CANAL		ernadonal describio interació	
	126 240	140.000	2.000	4.300	125,000	6.200	3.350	120,000	23 100	85,000	10.200	~ repeated d
2		()	12	,,	13	6.600	1)	118.	24.		10.700	~ repeated a
3		ci		11	11	7,000	1)	1/7	11	82.250	10.950	closed
4		1,3	~	4.100	127.500		3.500	3,1	25,000		Andrewson and the second secon	closed
5		15		,,,	,,	,,,))	3,1	7)	77.	111	
6		()	~	1)	11	7-800	v	118.))	79.500	-	
7		1,3	-	1)	19	7.900	IJ	7)	1)	117	13	
8		V	~	4.200		0	y)	1)	1)))	17	
9		1		12	,,	8,000	1)	1)		7		
10		The state of the s	*		125,000	<u> </u>	1)	1)	. , ,	1.7	i)	
11	126240	19	1.800	4,000	11	1)	1,3	23	()	,,	11	
12		٠,)	N.))	1)	11	V	117,000	1)	13	1)	
13		3,7)J	(i)	,)	1)	,,	11	U.	11	
14		13)1	1)	11	1)	1)	115:000	11	1)		
15		1)	1)	()	T.J.	11	1)	1)	1)	17	11	
16		1)		1,1	,,	1)	1)	117,000	\J	13		
17		1,1	11) j	1 1 1 1 1 1 1 1 1 1	1)	13	13	1)	1,0	e1	
18		119	()	l d	1,3	7.950	(3)	11	()	,)	10.300	
19		11/2	1	11	17	7.900	1)	118,000		11	10.000	
20		150,000	1.700		127.500	13	1)	· · · ·	(1)	81.50	9.700	
21	125720	130,000		4.000	13	- N	r)	120,000	1)	1)	12	
22		140.000	1)	4.500	125.000		,,	l i	1)) J	()	
23		19		, ,	123.000	33	1)	123.000	· ·	82-250	,)	
24		1)	11	4.800	1,3	7-800	3.400	120.000	23.100))	9.400	
25		μ,	1111	1	0	7.200	3.200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10	88.250	13	
26		, j	17	13	1,5	11	11	123.000	13	13	9.000	
27		.,	,,	1)	15	. ()	4)	122.600	(s)	1)	8.500	
28			1)	,,,	1.7	1,1	S Company	3/	1,1	u	9.000	
29			1,7	ij.	121.000	1,1	1,1	123.000	(1)	13	,,	
30		./	N J	1)	ال ال	دي	(.)	1)	22.000	11	9.700	

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

MONTH: Dec YEAR: 1981 DAILY RECORD Mm3/day

Source: Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA H	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR
A Y	STORAGE	OAM downstream	CANAL	KAIIA b CANAL	downstream	WEST CANAL	CANAL	DOWNSTREAM	I BENHIMIA	Dow4STREAM.	YUSEF
1	124940.	140.000	1.700	4.600	126,000	6.800	3.200	120.600	22.000	88.250	9.700
2),)	1)	6)	1,5	13	(3)	()	13	73	10,000
3		,,,	V)	()	13	6.500	111111111111111111111111111111111111111	l li	VJ	ייין	//
4		11	r1	(1)	121.500	L L	•	122.000	ıJ.	12	13
5		,,,		1)	()	1)	, j	123.000	1)	V	~
6		,1		,,,	, j	6.200	i i i	124,000	J)	0	1/
7		1)	1	0	122.500	6.000	3,000	126.	()	92.000	9.500
8			11	1,9	124.000	1)	\3	124.	17	94,000	,,,
9			1.500	,,,	j š	13	13	123.	1/	ν	9,000
10		e l		1/		19	5,7	124	11))	8.500
11	124004.	150.000	11	11	15	p	3	126.	()	13	7)
12		, p	,	(1)	131,000	,)	11	1)		1)	9.200
13		(3	11	7.1	124	· · · · ·	.,,	1	γ)	V))
14				()	121.		11	128.		,,	1)
15		11	4	11	125.	5.900	2.750	126	13	96.500	1)
16		11		4.200	11	,,	13	123.	1)	,,,	8.400
17		15	()	,,,	117.	,1	11	15	21,000	11	8.00
18		11	11	13	118.	1)	1.)	126.		94.000	and the second s
19		d'	(1	.800	(1)	6.200	3-156	124	1,1	96.500	8.600
20		r/	11	.300	116.),3	ab .	12	,,	,,,	13
21	123380	u	(4	3.800	1)	7.000	3.300	122.	20,000	23	l)
22		1,1,1		3.700	117.	7.200	20	118.		94.000	, j
23		IJ		1	33	8,000	3.500	1)	22.000	92.000	9.100
24:		ρ	1)	1.1	118.	1)	30	73	,,,	85.000	9.500
25		l i	71	1,1	13	8.500	3.600		23.100	80.500	7,7
26		N	()	7,3	117.	74	3.650	114.	24.000	THE RESERVE THE PARTY AND THE	1/
27		9,3	- 1	3,500	116.	9.000	3.000	116.	25.000	72.000	, j
28		1/	.)	,,	ij	9.250	,,, ,,,	110.	27.500	65.000	10,000
29		11	.,	3.900	115), e j c	(,	114.	27.500	68,000	12
30		e,f	d	3.500	13		1)	,, , , , , , , , , , , , , , , , , , ,	1)	11	0
31		J.	1.400	3.400	123.	.,,	1)	nj.	,,,	71,000	el el

~ repeated data

closed

1/82

1	· MONTH	: Lan	YEAR:	1982	DAILY	PEC	ORD	15mM	dale		
		1		50	urce Mi	NICTON	E T DDI G	ATION	aay		
								BITON			
)	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA A	AMADI BAR	ZAGE	ASSYUT	BARRAGE	BAHR
	DAM	DAM	ASF	Kallab	downstream	WEST	TZAJ	DOWNSTREAM	IBRAHIMIA	DOWNSTREAM	YUSEF.
	STORAGE	downstream	CANAL	CANAL	Control of the contro	CANAL	CHNAL		CANAL		
1	122808	140.000	-	2900	128,000	8.500	3.500	118.000	22.500	33.800	8.000
2))	-	2.300	130 -	7,000	3-150	125.000	17-500	34.050	7,000
3		13	-	1-700	129.5	6-200		133.000))	5,000
4		7).		1-100	- 11	-	2.000	128.500	7-500	34-610	1.50
5		,)	_	0,800	127.000		-	122-500		34.500	1.00
6		1)	_	-	129-	page 1	_	132.	_	34.720	
7		1)	-	-	130.5	-	_	140	_	35.000	_
8		()	-	_	129.5	-	_	140	_	35-250	_
9		11	_	-	1)	_	_	140	_	1)	_
10		11.	-	-	3.3	_	_	1)	_	35.150	_
11	122080	11	-	-	1)	_		1)	-	35.050	_
2		13		_	123.	_	_	128.	_	34.900	_
13		19	_	-	11	_	_	131.	-	35.050	_
4		,)	_	-	11	_	_	131.	_	1)	March version and survey and survey
5		,)	_	-	3)	-))	_	34.900	-
6		,1		_	11	-	-	13	_	34.750	_
7		11		_	33		-	129.	_	34.800	_
8		11	-	_	1)	_	Tompology	1)	_	34.300	_
9		11	_	_	1)	-	10 F. 11 F. 11 F. 11	1)	_	34.800	_
20		11		_	33	-	-	13		34.830	-
21	128352	į j	_	-	1)			1)	_	1)	-
2		13	-	_))	-	_))	-))	
3		1,9	-	-	1)	_	4-	131.	-	1)	-
4		1)	-	_))	-	_	128.	2.000	1)	_
.5		,)	_	_	118.	-		126.	4.000	1)	_
6		1)			111.	-		123.	5.	34.580	-
7		1)		11445	119.			126.	8.	34.500	
8		ı)	-		117.			115.	12-700	0	3,000
9		1)			115.			109.	15.000	11	5.50
0		t)	_		111.	9.506	4.000	114.	20.000	1)	8,000
1		1)	4	1.000	110.	9.700	4.1000	105.	25.000		11.000

~ repeated data

_ closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Feb. YEAR: 1982 DAILY RECORD Mm3/day
Source: Ministry of IRRIGATION

D	HIGH ASWAN		The second secon	BARRAGE		NACA A	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR
Α /	STORAGE	DAM downstream	CANAL	KAllab CANAL	downstream	WEST CANAL	CANAL	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF.
1	120624	140.000		-	106.000	9.700	4.100	105.000	27.000	61.000	11.500
2		1			111.	10	a de la companya de l	103.000	73	60.000	1)
3		145.000	1,900	4.200	J)	9.900	4.000	101.500	11	54.5	10.50
4)1	2.00	4.300	113.500	1)	y	110.	ı)	47.5	l bj
5		1))	35	115.		3.750	2)	1)	50.5	1
6		1	2-100	4.400	118-	12		112-)1	60.	11
7		1	2-240	5.430	120 .	9.300))))))	61.5	n)
8			2-260	5.470	122.	8.300	3.800	113-5	1)	63.	11.5
9			>>		123,	7.400	4.100	117.	,,	13	12.
10			þ	4-900	136.	7-100	1)	122.	•)	1)	,,,
11	119532	140.	2-100)	131.	21	11	126.	28,000	66.5	12-5
12		()	•	,	127-5	21	3.400	129.	,,	71.5	12.
13		11)	10	γ)	7.600	ψ.	126.	,,	80.))
14))	,)	,,	2)	19	7)	123.	3)	86.5	11.5
15		145.000	2.000	4.600))	7.100)	13	Ŋ	83.5	11.
16		,,	W		125.	7.300	1	126.	26.000	יו	10.5
17		140.000	1.700	4.200	121.	10	1)	1)	i)))	11
18		۵			N N	7.100	1	124.5	25,000	1)	10.0
19			•		J)))		122.	79	86.5	زر
20		e J		1	t)	1	1	3)	23.100	83.5))
21	118700	1,3	1.600	4.000	120.	1)	3-300	,,	1)) 2))
22		v	11	1));	, ,	, j	120-	7)	y)	1)
23		15		4.900	7,9	17	3.250	120.))	1,7	,,
24		V .	35	, , , , , , , , , , , , , , , , , , ,	118.500	33	3.200	3)	yi	80.))
25		i i i i i i i i i i i i i i i i i i i	0		1)	6.800	30	y	13	,,	(,
26		(4		()),,	1)	,,,	33	Y	,)	1,1
27		11		ų)	120.	11	, , , , , , , , , , , , , , , , , , ,	i)	11	1,9	.,,
28		11	.,		122.	1)		13	. 4	1)	()

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Marsh YEAR: 1982 DAILY RECORD Mm3/day

Source Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA H	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR	
A /	STORAGE	DAM	CANAL	Kallab CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BENHIMIA	DOWNSTREAM	YUSEF	
	128180	140.000		3.900	120.000	6.800	3.200	123.000	23.100	34,000	10.000	~ repeated dat
2		, , , , , , , , , , , , , , , , , , ,	1.300		117.		3-500	122.	12	,,	10.8"	~ repeated dat
3		,,	1.200	,	118.5	i ii	3.200	117.	11		11	closed
4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		4.000	p	7.000	3.500	119.		34.200		_ closed
5		n	\d i	11))	6.900	3.500	120	,	34.400	Control of the Contro	
6					1,1		.,,	120	120000000000000000000000000000000000000	34.	10300	
7		1	1.400	4.600	117.	13	,)	122	25.000	34.	,,	
8		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	13	>3	1)	7.100)3	121	27.	1)	12-300	
9		,,	31		1)	1,1	jı	117	7	33.350	,,	
10		(1		4.500	119.	5)	3.550	119	1,1	33.926		
11	116984	142.		,,	,,	,,	11	119	28.	33.820	TOTAL PROPERTY OF THE PROPERTY	
12		145.))	11	13	119	1	33,790	1,1	
13		111111111111111111111111111111111111111		11	126.	1)	1)	120	-1)	21	12-800	
14		1)	1.450		1)	1,1	17	122	,)	33-820	1)	
15		11	13))	14	31	3.643	125	1)	33.870	The state of the s	
16))))	11	<i>y</i>)	3.750	125.5	27.	33.960		
17		1)	1.500	4-400	aj l	7)	3-350	126	7	33 760	11.800	
18		()	10		ı)	7.200))	124	7)	,)	12.500	
19		,1	13	1111	127.5		,,,	124	()	34.040		
20				,)	127-5	7.150	,,,	124	.,	34.040	(,	
21	115800	1	1.550		i ii	7.350			Eq.	34.000	13	
22		.,,	11		125.	1)		121.	1)	1)	12-250	
23		147.		11	126.		1	124.	28.	,,,	11.900	
24		150.	- 13	4.300))	7.500	, j)	122.	27.	33.950	11, 900	
25		34	111111111111111111111111111111111111111	N.	128.		,,,	121.			the same desirable to the same of the same	
26		11	11))	33			129		33.850	11,200	
27		53	1	, i	C)	, j	i,	129.	,,	33-930		
28		1)	1)	4.200	129.	3)	, ,	126.		,,,		
29		, ,	رز		131.5		1)	166:	13) (ر	1)	
30		,,	1)	1	13	Li Li	, ,	13	7	A SECTION OF THE PERSON NAMED OF THE PERSON NA	10.900	
31		147	1)	4.300	131.	13	1			34.000))	
-1-								.,,	19	34.200		

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: April YEAR: 1982 DAILY RECORD Mm3/day
Source: Ministry of IRRIGATION

		BAHR	BARRAGE	ASSYUT	RAGE	AMADI BAR	NACA A		BARRAGE	ESNA	ASWAN	HIGH ASWAN	D
		YUSEF.	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM.	TZAT	CANAL	downstream	CANAL	CANAL	DAM downstream	STORAGE	A Y
repeated d	11	11.650	86.500	28.000	130:000	3.550	7-200	128.600	4-300	1.500	140.000	114 550	
Tepeares 9	1	12:	1)		1)	No.	7.150	124.	33	• • • • • • • • • • • • • • • • • • • •	3,5		2
closed		1,3	88.500))	127.000	1,	13	121.	13	,))	,,,		3
		11	86.500	11	123.	1,)1-1-	122.	4.400	,	,)		4
		1)	83-500	p	119.	73		120.5	3)	3)	1		5
		12-350	79.5	1)	117.))	7.100	131.5	4 0000	1.300			6
	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	0	1,,	1)	119.))	13	128	1)	18	76		7
	7.77	T. I.	72.	,)	122.	4,		126.			.,,		8
			75.5	. ,)	123.	11	1)	125	(2)		4		9
		1	79.5	1)	121-5	33	13	15			,		10
		11.850	11))	119.))	1)	7)	1)	· · · · · · · · · · · · · · · · · · ·	0	113550	-11
		l li	75-5	13	31))	1)	1)	,,	· v	11		12
		73	72.	1)	120.	13	7-350	, ,	<i>p</i>	n	, is		13
		, J	72.	1)))	1)	7-150	115.))	1,500		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14
		- 11	72.	1)	23		1)	118.	4.400	1)			15
		1)	75.5	1)	119.	1)	11))	1,1	,,,	,		16
		,)))	v)	116.	,)))	123.	11	7	,,		17
		11	1)	(/)	117.	,)	6.800	121.	1)	,)			18
		,,,	64.5	()	114.5	1)	7.200	1)	4.300	,)			19
		(1)	63.	13	119.	1,7	93	,5	4.300	1)			20
		23	66.5	1)	118.	l v	ю	71	13	1.450	n	112900	21
))	7)	3)	116.	N J	7-50	13			1)		22
))	<i>,</i> ,	1)	118.))	25	118.	1	11	,		23
		()	68.5	10	118.	,,,	71	123.		31	lo lo		24
			,,	Tyl The	j.	0	n	121.	4.350	1.500			25
			66-5	1)	119.		(1)	3 3	i))			26
			68.5	1)	,		34))	γJ	31 H	145.0		27
		11		1)	118.	, J))	123.5	. 30	13	145.0		28
		ij i		V	119.	*1	13	124.5		1	145.0		29
		12.200		()	123.	, j	12	1,3		1)	145.0		30

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS MONTH: May YEAR: 1982 DAILY RECORD Mm3/day

-												
	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BAR	RAGE	A SS YUT	BARRAGE	BAHR	
-	STORAGE	DAM	AST CANAL	CANAL	downstream	CANAL	TRAT	DOWNSTREAM	I BERHIMIA CANAL	DOWNSTREAM	YUSEF.	
-	112250	145.000		4.350	123.500	7.700	3.650	125.00	28,000	71.500	12.200	~ repeated dat
		()	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,)	1 7)))	,,,	13	. ,,,	75,000	12-500	iepeares war
-)	ν,	,,	1)	, ,	l l	123.	,)	81,000	11	closed
		l li	,,	5)	l j	,, 1	1)	119.	N .	31		
			,0	4.400	118.500	,,,	v l	149.	11	75,000	4)	
200		()	,,,,))	123.500	1,,		121.	1)	68 500	,,,	
		1,	,,	زر	1)	.,	11	121.	- 0	64	7)	
		l v	e e	, 1)	121.	d	· ·	.,,	()	3)	13	
		(1	11	4.500	2.1	,)	1,1	1,1	1,7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,2	
		(1	rt.	4.270	123.500	11	()	11	6.3	U. C.	1.7	
	111550	1,1	1.450	4.450	13	,,	11	111	n	13	1)	
		150-	1.1	- 11	2)	7.800	3.600	125.	- 0	71,150	7,3	
		13	11	11	123.000		11))	,)	80.000	1,1	
		3)	1.400	',	128.	,,	1)	1)	1)	13	12.600	
		155.	1)	n in the second	100	U	,)	129.	1)	83.500	AND DESCRIPTION OF THE PARTY OF	
		160.	1.300	4 + 500	1)	1,7	3)	/33.))	,,,	1)	
		,,,	1)	1)	134.	8.100	3.700	ננ	Ŋ	86.500	,,	
		P	4.3	13	139.))	1)	130.)	94.500	1)	
		170.		1,1	13	u .	6,	133.	,,	i i	13	
)		170.		12	144.	7.900	3.800	138.	ν	,,,	,,	
	and the second second	170.	1)	4.670	142.		3.900	141	1)	162.000	12.100	
2		180.		11	151.	7)	,,	143.	Э	105.	7,3	
3		1861	1.500	4.700	158.5	8,000	3.800	11	4	107.500	• • •	
-		180.	1.600	4.900	161.	ارز	3.900	148.	,)	35	,,	
-		190-))	11	163.5	1)	,)	152.5	1)	110,000))	
-		1)	1.500	4.650	175	1,	,,,,	154.	19	117.000	11.600	
-	2	185.))		177.5	- 1		158.	N.	121.500	.,,	
_	8	1)) 1	. ,,	177.	, j	1)	160.	N.	120.		
-))	14))	the state of the s				1)	Company of the last of the second contract of the state of the second contract of the secon	1,3	
-		2.3	1.700	4.750	the second secon		The second secon		, y).	The state of the s		
-		5)	<i>i</i> ()						11		, ,	
0	0 1	23	1.700	4.750	170.5	io io io)) }}	163. 162. 162.		125. n		N

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS . MONTH: June YEAR: 1982 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRA GE BAHR DAM DAM ASF Kallab downstream west 7243 DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF downstream CANAL CANAL STORAGE CANAL CANAL 1.700 16 9,000 8.200 108 985 185.000 4.750 3.900 158.000 28.000 125.000 ~ repeated data 4.700 170.500 156.000 108 750 11 11 1) 108 609 172.000 11 127,000 108 515 173.800 17 11 125.000 108 421 1) 11 7.800 11 160,000 11 108280 1.800 1) 4.800 11 108139 1.800 190 5.200 8.100 162.000 29.000 107 904 195 11 179.300 8.400 1) 127,500 107810 5.000 8.500 4.000 107669 165.000 11 11 13 11 107481 205 191,500 8.200 169.000 133,000 107 340 12 215 192.500 8.400 171.000 107152 4.800 198.000 13 8.200 4.025 11 137,500 106 964 14 205.700 173.000 31,000 106 823 15 180.000 208.000 10 11 11 106635 2.000 6.000 11 7.700 4.100 183.500 145.500 106 494 17 230 11 205.700 8.500 ,, 13 143,000 106310 13 18 209.000 11 185.500 11 148.000 106175 11 19 11: 217.200 /3 11 32.000 11 105 950 235 220.000 4.000 186.500 150.500 20 105725 221,000 21 11 4.200 194,000 153.000 9.000 22 11 ,1 5.950 - 11 193.000 158.000 23 240 1,3 13 6.100 196.000 11 160,500 222.700 24 11 11 163.000 223,800 25 33.000 11 73 1) 17 11 160.500 224.300 11 199,000 4 26 163.000 11 4.250 27 6.000 226.500 11 11 11 166.000 28 226.000 9.500 15 202.000 " 168.000 11

U

9.700

()

14 34.000

35.000

166.000

168.000

29

30

31

230

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

MONTH: July YEAR: 1982 DAILY RECORD Mm3/day

Source Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA H	AMADI BAR	RAGE	A SSYUT	BARRAGE	BAHR
A y	STORAGE	MAM	CANAL	CANAL	downstream	WEST CANAL	CANAL	DOWNSTREAM	I BEAHIMIA	DOWNSTREAM	YUSEF.
	1 3925	2 35,000	1.800	6.000	223,300	9.700	4.250	202.000	35.000	170.500	17.700
2			,,,	1)	222.700			, , , , , , , , , , , , , , , , , , ,	36.000	166.000	16.700
3			1,	,,	224.900	.,	4.300	198.000	37.000	163.000	,
4		4	,,	5.800	222,500	,,	10	,,	12	,	
5		,,		,,	219.	9.800	,,	1,	11	160.	,,
6			,,		221.	1)	11	194,000	36.000	165.500	,,
7			1.900	5.700	220.	9.900	1)		.,	, 1	17.200
8		2 30	11	5.200	220.	0 11	4-350	195,000		163.	
9		230),	217.200	9.800	1,3	31	1,1	163.	17.500
10		230	,,		218.300	9.850		199.000	.,	163.	
- (1	101900	1)	2.000		219.500		1)	13) j)3	,)
12		,,	,,	5.800	216.	13		11	,))	v
13		225	13	1)	214.500	10.000	1	193.000	N.	160.5	V
14		220	11	6.000	212.800	10-1000	11	192.	.,)	,,,	1)
15		11	_J J	,,	208.000	1,1		189.	1)	158.	17.000
16			2.100		204.	10.1000	44	7,1	,)	٠, ١	16.600
17		11	13	,,	204.	11	×1	11	1)	155.500	, i
18		0	N	6.100	200.760	, , , , , , , , , , , , , , , , , , , ,		180-	, ,	153.	i di
15		215	,	11	199.			1,1		151-	
2	0	215	2.500	,,	199.600	63		12	4,1	145.500	· iJ
2		,,	13	1,1	197.	13	7)	73	31	142.5	
2	The state of the s	,,		6.000	201.3	1)	7	y		, ,	17-100
2		D.		,,	203.5	,1		182-	,)),	16.700
2		,,	,,		207.7	· ·V		185.	3)	10	,,,
2	5		,,	1	200.7			1,1	y i	145.5	, ji
2			2.400	,,	203.5	J.			35.550	the distribution of the color of the section of the	13
-	7		2.300	6.100	204.6			180.	13	148.	17.05
1	8	,,	2.250	6.280	205.7	,J	NJ	,,	36.000	145.	,,
2	9	,,	, J	,,	203.	i,	1)	18/.	36.500		- 11
-	50			,,	200.7	Tight Ti	The state of the s),1		,,	17
-	31		,,	. ,,	200-2	1,1	· · ·	180-	1.3		.,
		1	11								

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS "MONTH: Aug. YEAR: 1982 DAILY RECORD Mm3/day Source MINISTRY OF IRRIGATION

HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM ASF DAM Kallab downstream TZAT DOWNSTREAM I BRAHIMIA DOWNSTREAM WEST YUSEF CANAL downstream CANAL STORAGE CANAL JAMAS CANAL 198.500 10.100 99062-2-300 6.500 180.000 36.500 145.500 17,000 ~ repeated data 215. 4.350 13 -1 11 10.2. 1) 142.5 2 3.5 - 11 1) 199 13 1.1 13 35.500 145.5 16.5 6.420 198.500 2.250 13 11 11 35.550 142.5 1) 2-300 1) 197. 11 1) 11 142.5 1) 2.330 . ,) 197. 11 1) 11 1) 210 11 11 196. 1) 2.380 1) 11 1) 178. 11 11 6.120 194. 9.400 13 4.400 1) 11 140. 8 1) 194. 1) 11 9 1) 1) 11 17 194.7 1) ,) 11 175. 11 10 11 98374. 2.500 6.100 192.500 138-11 5) 11 1) 1) 1) 2.510 193.600 1.1 1) 11 1) 135. ,) 12 13 195.800 174. 1) 2.600 13 1) 1) 193.600 ... 175. 1) 14 1) 205 2.900 6.300)) 1) 177. 15)) 1) -13 2.900 11 13 177. 35. 140. 1) 16 1) 200, 2-900 191.400 174 11 1) 12 17 73 3,000 1) 188.300 174 34.5 15.7 1) 11 18 11 1) 3.000 185.300 172-5 138. 15.45 34. 19 195.0 3.000 181.700 169. 34. 15.70)) 20 190. 99777. 1) 184.800 34. 15.500 21 11 133.)) 185. 13 172. 178.200 V 4.350 34. 130. 11 22 180. 11 170.500 1 15.150 166. 33.450 1) 23 1) 165.600 4,100 163. >1)) 24 1 3.100 6.700 162.300 1,) 159. 33.))) 128. 25 17 3.150 6.3 162.500 14.750 N.).) 33. 123. 1) 26 170. 31 162.5 156. 3.150 1) 33. 118. 14,750 27 6.680 170. 3.100 105.5 34. 108. -)) ı j 14.900 28 170. 3.000 6.400 15.500 154.000 157. 4.000 34. 29 13 170. 3.000 154.000 11 3.900 154. (//... 32. 30) i 6.380 153.400 170. 2-990 14.300 1.1 150. 97. 32. 31

closed

•	MONTH	: Sept-	YEAR:	1982	DAILY	REC	ORD	M m3/	day			
				50	urce : Mi	NISTRY O	FIRRIG	ATION				
	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA 4	AMADI BARI	3.86E	ASSYUT	Rassace	BAHR	
	DAM	DAM	ASF	Kallab	downstream	WEST		DOWNSTREAM		DOWNSTREAM	YUSEF	
	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL	DOW STREAM	17351	
	110 865.	170.000	2.890	6.380	152-900	10,200	3.900	60.74	32,660	105.000	14,200	~ repeated
		165.	, ,	6.380	152.900	6 5	, i	60.74	31.	108.	13.700	× vepeared
3		17	3)	13	3/1			60.71	31.	100		closed
1		19	2.870	A STATE OF THE PARTY OF THE PAR	151.800	U I	,11	71	31	,,	3,	
5		1,3	2.820		152.900	11	,)	>>	31.	105.		
6		ı,	2.800		151.800	10:100	3.800	60.76	301	110.	13.000	
7		1,			150-100	9.900		60.75	13	105.	,,	
8			2-610	6.420	150.700	9,900	11	60.72))			
9		· ·	2-590	6.380	149.600	9.900	1)	60.76	29.	108.	12-350	
10		(1	2.590			9.800	3-750		28.	110.	12.350	
11	105140.	160.	2.600	6-400	15/00	11	,1	60.70))	105.	11	
12			2-400	A THE RESERVE OF THE PARTY OF THE PARTY.	151.100	17		60.68	1)	110.	31	
13		1,1	2-370	6.340	148.500	13	ı)	7)	27.	110.	12-100	
14		11	1)	6.340		,)		- 11))	108.)1	
15		155.	2-400	6.000		9.700	3.650	60.73))		1)	
16		150	2.340	5.880		8.900	4,000	,,,))		12-500	
17		145	2-300	5.800		9.050		60.75	27.5		13.	
18	The second secon	140	2-200	5.600	137.500	9.100		60.74	11	1)	13.	
19		N	2.130		133.600	,,,		1)	, j	i)	13.	
20	,	~	2.670		130.300		5 -1-	60.62	1)	100.	13.	
21	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11	2.060		129.800	J		60.55	n	11	زر	
22		,3	1.990		129.200	~	-	60.45	7,3	97.	ע	
2:		6	1)		16/6	2		60.40	28.	92.	13.250	
2			1.980	5.060	128 700	~		60.38	1)	87.	14.500	
2 5		~	1.990		129.200	9,000	4,000		,)	81.	/ 7,350	
2		~	2.000		121.200	دد	4.000	1,1	28.5	1)	15.	
2	The state of the s		1.990		128.700	8.800	4)	60.40	,		15.	
2		1	2.030		130.900	8,000	1)	60.41	y 0	87.	15:	
2		13	2.050		132.	7.700	32	3)	,))))	
3		2)	2.010		129.800	7.700	Y)	,,)	1,1	90.	14.	

	. MONTH	: Oct.	YEAR:	1982	DAILY	REC	ORD	M m3/	ga>				
				36	urce : M	INISTRY	JF I RRIG	TATION		.			
D.	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA A	AMADI BAR	RAGE	A SS YUT	BARRAGE	BAHR		
A y	STORAGE	DAM downstream	AS F CANAL	KALLAL	downstream	WEST CANAL	EAST	DOWNSTREAM		Dow4stréam			
	106870	140.000	1.960	51640	127.100	7.700	4.000	128.	28.5	89.	14.000	~ repeated	
2		13	1.950	the second secon	126.500		N	126.		p.		~ repeated	Q q
3		3.3	1.900			1)	~		,	1)	,	closed	
4		()	1	1		7.650		125.	27-5	1)	i,	c to sed	
5		1)	· · · · ·	, i		,,	3.600	126.	1	N.	l,		
6		,,			i	7.600	3.400	123.	1)	v	13.00		
7					l i	1)	3.450	The second secon	· · · · · · · · · · · · · · · · · · ·	87.	13100		
8					,,	7.400	3	126	1)	0	12.006		
9		,)				,,	V	11		89.	12.006		
10		,)	1.850	11	125.900	· · ·	.,		26.500	1)	,,		
11	107481.		1.900	,)	127.500))	,)	l i	,)1			
12		1)	11	33		11	1)	1)	4	,,	,,		
13		19	1.910	5.270	127.	6.500	3.100	131.500	26.	1)	,)		
14		,)	1.930	5.310	129.	6.00	2.100	/33.	25.00	1)	1)		
1.5		, i	,,	,5	129.	5.900	3,000			92.	12		
16			1.920		128.500		1,	131 500		92.	11.506		
17		,	2.000	5.400		.	,,	129.		92.	,,,		
18			2.010	5.420	1	3)		131.		94.	11.006		
19		.,		13	1)	1)	i i	128.		19	1)		
20		, J	1.880	5.666	127.500	,,		129.	24.000	v)	,,,		
21	107857.	,	1.900	5.660		,,	,,	131.5	13	94.0	11.000		
22		(,	1.920	5.400	128.500	,))	129.	υ	,,	,,,		
23		, ,	1.930	5. 1.20	129	ų.	1)	128.	0	1,1			
24		,)	1.980	5.420	/28.	1)	,)	1)	,,	1)			
25		t _f	1,1	5-310	/27.	5.800	,	131.	33))			
26			,,	5.310	1)	j)	, i	128.	,)I	97.000	· ·		
27		,	2-100	5.300			i i	128	93	100.	11.250		
28		,	2.080	5.600	126.		,	128	i,	97,	,,		
29		,,	1)	5-260		,,,	þ	120	· v	ρ	10.750		
30		O I	2.100	5.300		الرياا	,,	128 128	, j	,,1	1,0		
31		3	2.090	5.280	126 6	6.300	3.400	126.	i,	, i	10.250		

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Nov. YEAR: 1982 DAILY RECORD Mm3/day
Source Ministry of IRRIGATION

D.	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RAGE	A SSYUT	BARRAGE	BAHR	
A y	STORAGE	DAM downstream	AS F CANAL	Kallab	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF.	
	108 703.	140.000	2.090	5-286	126.500	6.300	3.400	60.930	24,000	97.000	10.750	~
2		1	2,080	5.260	127.5	6.500		60.940	1)	94.	11.000	
3		,,,	2-100	5.300	73	6.600		13	1	1 ,,1		
4		13	11	r	33	7.200		60.920	,	35		
5))	2.070	5.340	128.5	7.400	3.700		,)	92.		
6))	2-060	5.320	128.	7.400	3,600		- 1	1		
7		13	2.090	5.380	127.5		3.600	11	25.000	89.	11.550	
8		17	,)	•		7.700	3.700	12		87.		
9			2.080	5.360	127.	1				87.	,,	
10		10	1)	13))	1)		1	.,,	7)	,,	
11	109361	1)	2-100	5.400	128.	1)	te	,))	7)	1	
12		1)	2-110	5.420	128.5	1)	v)	11	25,000	Lu Cu		
13		1)	2-020	5.440	129.	43	V)	13		89.	1,1	
14		1)	1-910	5.470	129.5	1)	31	1)	,,,	1)	11	
15		1)			1	13	,,,	, j	1,1	92.	,)	
16		1)			129.	1,3	1	NJ I	11	(4	,)	
17		1/	1.900	5.450	1,1	8.500	1,1	()	1)	1)	,1	
18		7	1.890	5.436	128.5		(1	ν, ,	,,	89.	()	
19		1)	1	1)	,,	13	17	11	1.1	<i>y</i>	()	
20		,,,		· · ·	11	1,3	13	i i	, j	92.	1	
21	108 656.	,	1.690	5.280	128,000	7.700	3-650	,,))	13	
22		,)	1.700	5.300	128.500	1	13	Ŋ		,)		
23		,,,	1.710	5.320	129.	· v),1))	,	γ	10.50	
24		i)	1.890	5.180	128.5	7.550	3.600	1)	,	89.		
2.5		0	15		The state of the s	7.200	3.350	60.90	, i	92.	9.700	
26			,)	1)	,,		3.350	11	23.100	94.	9.000	
27		, 3	.,,	i)	,,	i)	3.350	i)	25.700	97.	9,000	
28		13	2.020	5.270	129.	7.00	3.350	60.92	,,	77.	9,000	
29		3.9		13	, i	1)); 35 e	"		,,)))	
30		- ()	1.890	5.250	128.5	1,3	,	,,,	22.000	10,000	9.700	

	· MONTH	PT ARAB	YEAR:	1982	DAILY	REC	ORD	M m3/	dav			
				50	urce Mi	NISTRY O	FIRRIG	ATION				
)	HIGH ASWAN	AS WAN	ESNA	BARRAGE		NACA A	AMADI BAR	RAGE	ASSTUT	BARRAGE	BAHR	
\	DAM	DAM	ASF	Kallab		WEST	-	DOWNSTREAM	and the same of the same			
	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL			
1	107904.	140.000	2.020	5.240	129.500	7.000	3-350	131.000	22.000	100,000	9.960	
2		,,	2.030	5.310			3.200		12	,,	10.000	~ repeated o
3			33	3.3/5	111	0.000	71	1)	()		70 000	closed
4		, i	2.010	5.270		6.500	1	132.000		,)	1)	closed
5		11	2,000		13))	11			
6		, ,))	1))		,,),	1 /2	102-	9.500	
7)	- n	,,,	6.400	,,	131.000		102	9,000	
8		,,	.,,	,,	11	6.200		11	, J	, j	7,000	
9		,)	N	,,,	13	9,200	,,	134,000		,	1,	
10		N-	1.990	5.380	128.500	6,000	4	132.000			ij.	
11	106729.	11	1)),	,,,	,,,	11	13	1)	105.	1,	
12		()	2.000	5.250	ı)	1)	,,,	33))	11	l l	
13		13	2-030	5.310	130.	,)	1)	1,7	p	102.	ψ	
14		1)		5.390		, , , , , , , , , , , , , , , , , , ,	1)	,1))	J.	12	
1.5		63	2.000	5.200	1,1	2)	1)	3,3	1)	ν	1,3	
16			1.970		1	5.600	1)	134,000	(1)	105.	8.400	
17		l J	> 1	31	h1		1)	135.	,,	1)	8.	
18			1.980	5.160	131.500	,,		134.	(,	108.	0	
19		(t)	2.010	5.120		1)		, , ,	21,000		8.600	
20		ri -	1.980	5.060		6.200	3.500	132.	, ,	17	8.600	
21	106085	17)	1.960	5,020	129.	7.000		131.	,,,	105.	8,000	
22	many received the control of the con		1.990	4.980	128.500			127-5	,	13	N	
23			2.010		129.500		3.650	,, 1	v	100.	V	
24		· ·		5.020	j)	7.800))	1)	,J	95.	~	
25		1)	j,	,,,	39	8.200	j)	126.	22.000	94.	8.400	
26		13	1.980	4.860	128.500	8.500))	124.	24,000	92-	8.750	
27		1)	1.960	4.820	127.500			122.	26.000	87.	9.500	
28		(1)	11	1)		8.800			27.5	84.	10.000	
29		,,	1-980	4.760	126.500	9,000))))	121	1)		10.000	
30		У в	(زر	,,	1		3.800	116	, j	(1)	9.500	
31		0	13	. 0		d	,,	1)	13	.,	9.000	

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Jan YEAR: 1983 DAILY RECORD Mm3/day
Source: Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA A	AMADI BAR	RAGE	A SS YUT	BARRAGE	BAHR	
A y	STORAGE	DAM downstream	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF.	
1	105450.	140.000	1.986	4.760	126.500	8.000	3.800	114.000	22.500	87.	8,000	
2		,	1.510	3.820	142.	7.000	3.650	117.	17-5/0	100.	7.000	~ Ye
3		,,	1.460	3.720	148.5	5,	2.500	131.	12.520	110-	5.500	
4		1	0.700	1.700	147.	3.	1.500	159.	7.500		1.500	
5		150.))	1.5	1.000	168.	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	151.	1,000	
6		140			33		1.000	170		17/		
7))			13		+	164.	-	171.		
8		,,			144.5			158.600		160.500		
9		,			142.					150.500		
10		11			137.					145.		
11	104600.	13			73					نر		
12		13			13					1		
13		1)			11					151.		
14		1)			1)	-	-	-		145.	-	
15		13			137.					v		
16		1)			1)					L)		
17		1)			11					143.		
18		t)			V -				+	1)		
19		11			136.					140.		
20		.)			1)							
21	103770.	1)			1)					וווונן		
22		7,5			(4					v		
23		l j			, c					· ·		
24		1)			i)				2.000	137.		
25		i i			1				1)	,,,		
26		,,,			1)					130.		
27					127				5,000			
28		j		-	125	1.300			AND THE PARTY OF T	122-5	2.000	
29		, ,			.117	2-500	1.000		19.040	1/2.5	6.500	
30		Ŋ.			107	6.500	1.500			100.	and the second representation and the second representation and the second	
31		, i		1,000	114.5	7.000	3,000		20.000	94.5	8.500	
21					1.1.7	4,000	5.000		20.000	1.j	10.000	

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Feb YEAR: 1983 DAILY RECORD Mm3/day
Source: Ministry of Errigation

)	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR
A	STORAGE	DAM	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BEARIMIA	DOWNSTREAM	YUSEF.
	1.2530.	140.000	1.900	4.000	121,000	9.000	4.200	109,000	20,000	100.000	11.60
2)3)3	124.500	9.000	1)	112.	25.	84.	93
3		1,3	,,	4.200	122.000	8.800	4.000	118.5	27.	68.	9.00
4		11		,,	124.500	,,	3.900	120.	27.	73.	1)
5		p	,	,,	125.500	9,000	11	118.5	73	73.	11.60
6		10		1)	123.500	3.7	3.850	119.	t)	3)	1))
7		11)1	123.000	()	1)	11	1)	78.500	1,7
8		11	1)	l)	126.000	1)	,)	115.	l l	1)	11.5
9		u		4.500	127.000	,,,	12	1,0	28,000) J	12-5
10		1	V)-	11	127.	8.800	()	119.	, o	11	1)
11	101556.	()	1)	13	,)	8.500	15	11	1)	11	12.
12		i i i i i i i i i i i i i i i i i i i	V	n	126.000	7.500).1	122.	10	84.	11.5
13		1.1	1)	11	23	1)	1)	11		12	111
14		11	11	3)	,,,	1)	1)	1,1	11	1)	1)
15		11		4.400	126.5	10))	124.	26.000	87.	13
16		,,		4.350	,,		1)))	"),	10.500
17		11		,,	125.5	7.200	i)	الر	25.	1	1)
18		11	- Ι- ο	ji ji	127.	,,	1)	125.	1)	ij	NJ.
19		11	,,	įs .	1)	(,)	3.425	126.	24.000	89.	
_ 20		e)	- 11	4.400	1)	.,	3.100	127.	23.100	94.5	Ú
21		14	1)	4.400			13	, ,	23.100		
22		1,1	- i j	4.220		()	.,,	126-	11	97.	11.05
23		U	1.800	The second named in column 2 is not a second	134.5			120.	11		, 3
24		il il	,,	4.200	1)	19		122.	1,1	1)	
25		1 0	1	4.200			,,,	126.	(ر	,	11.250
26		,,,	1)	4.180	133.	7.000	1)	130.))	įj	11.05
2		1 //	1.700			,	6)	127-5	1)	102.	,,)
2		,)				,,	c)	125.	1)	105.	
										1001	
1											
-											

	* MONTH	: Marsh	YEAR:	1983	PLOW	DEC	000	W 13/						m
				1,00	urce M'	NICTON	E TRP: C	ATIA	aay					
								RIIO/						
	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA H	AMADI BAR	ZAGE	ASCYUT	BARRAGE	BAHR			
	DAM	DAM	ASF	Kallab	downstream	WEST		DOWNSTREAM		DOWNSTREAM	YUSEF			
	STORAGE	downstream	CANAL	CANAL		CANAL	CANAL		CANAL					
1	99578	140.000	1.700	4.000	131.500	7.000	3.000	125,000	23.100	102.000	11.050		repeated	
2		3.3	1.800	3.820	130.	6.800	3.100	,,	,,	100-	10.500	~	repealed	
3		13		49	128.5	,,	,)	1,1	22.100	97.	75		closed	
4		41		3-800	1	.,	,,,	J.	23.100))		C1036a	
5		,,	11	,1	19			123.5		ַ נע :	10.850			
6		,)	1.700	3.700	127.	11	1)	122.5	1))	, jo			F
7		,,	1	- 31	1)	(1)	-	124.5	1)	97.	3,5			I
8		l l		35	129.			123.5	25,000	94.500	11.150			1
9		150,000			132.	6.600		119.	27.000	92-	12-350			t
0		j)		(1)	136.	63	3.850	122.5	-,,	92.	15			Ī
-	98632	140,000	11	13	138.5	1)	3.525	125.	7)	87.	12-850			1
2		1)	1,1	1)	137.	6.800	1)	128.	,)	92-	,,,			T
3	The state of the s		1.500	3-600	132.	17	3.400	130.	VJ.	94.500	The state of the s			1
4		11	17	1)	130.5	13	13	126-	13	97.	12.500			T
5		1,5	11	,,,	13	6600	1)	122-5		97.	,			1
5		11		3.200	ער	, ,	11	1)),	92.	12,000			1
7		1			133.	n	1)	121.5	11	92.),			İ
3		N			134.5	6.800	13	121.5	ý)	89.	10			Ī
9		rt .			131.	,,	13	125.	γ)	6)	,1			
0		1/	1.400	3.800	129.	(.,	,,,	125.	No.	92.	i i			İ
t :	97600	v)	1.500	4.000	124.	6.800	1)	122.5	33	92.	73			F
2		,)	1.600	4.200	125.5	7.000	,,	115.)3		1)			İ
3		11		,,	127.		11	,,	· · · · · · · · · · · · · · · · · · ·	87.	N)			Ī
4		145,000	1)	13	128.5	,1	1)	119.	0	81.	,1			F
5		13	III I	19	130.	6-800	1)	120,		81.	13			
6		13	1/1	11	134.5	7.100	1,5	120.	1)	33	1)			
7		1 1	,,	111		i ji	111	123.	26.000	89.	į J			
8		63	16	. 1/	13	5.9	13	125.5	33	VI I	21			#
9		150.000	N .	<i>(1)</i>	33		1)	زر	27.000	92-	11.500			
0		13		[//	<i>))</i>	()	11	()		94.500	,,			Ħ
1			1.500	4.100	j	(4)		, i	26.000					Ħ

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: April YEAR: 1983 DAILY RECORD Mm3/day
Source Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AAMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR
Α /	STORAGE	DAM downstream	AS F CANAL	KALLAL	downstream	WEST	TEAS	DOWNSTREAM.	I BRAHIMIA	DOWNSTREAM	YUSEF.
	96611.	140.00	1.500	4.100	142.000	7.100	3.450	128.500	26.000	94.500	11.500
2		150.	13	41	ş j		1,1	132-	27.	.,,	12.500
3		11	1,1	4.000	141.	1	l i	133.	2)	102,000	13
4		17	1,3	,,	142.5		43		11	105.	
5		.,	· · · · · · ·	(3)	143.5	,	1,1	132.	13	105.	
6		,	1.500	4.100	146.	,,	1)	133.5	1)	13	11
7		13	1)	,,	144.5	(1	2.978	>1	7.1	102.	1)
8		,,	13	11	144.5		13	17	1,3	,,,	12.000
9			1,3		146.	(1)	1	132-5	11	1)	, n
10				4.000	1425		,,	133.		11	1,
1.1	95658	1)	,,	4.000	142.5	1)		136.	11	1)) 1
12		140.	1.600	· ·	140.5	· · · · · · · · · · · · · · · · · · ·		135.	1)	L,	1,
13			13	()	138 .	13		132-5	1)	105.	12-200
14			1.500	1)	132-	()	-	1)	1)	102.	,,
15		,,	1)	10	,,,			120.	\)	97.	12.790
16		,,	,,,	17	37	7.200	4.000	114.	1)		,,
17		11	1-590	4.100	131.5	1)		122.5))	87.	1)
18			,)	13	, ,	.,	11	13))	81.	11
19		,,	1.600	19	133.		7	120.5	ν)	87.	10
20		, 1	1.800	3)	134.5		1,	120.5		,3	17
21	94805.	13		1)	133.5	1)	4,0	124.	1,1	(1)))
22		41	11	1/	132.		11	122.5	1,3	11	10
23	- I was to see a second state of the second second second	, ,	11	1	134.5	V ³	13	121.	y)	89.	1)
24		11	2.000		136.	7.350	V 3	(ر	13		12.300
25	- Land was been been been been	,)	13	,	132.		3-900	124.	, 1	87.	1)
26		13	1.980	,)	131.	No.	3-900	122.5))	11	3),
27		11	2.000	· · ·	1)	VI	1	11	1,1	89.	, , , , , , , , , , , , , , , , , , ,
28		,,	2.020	, i	132.	t)	L,	121.	7,1	زر	7)
29		11		,1.	/32.	4)	v	, 2 (°	11	1)	1)
30		IJ	,,	()	1)	448	43	122.5	,,	. ,	

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES, CANALS · MONTH: May YEAR: 1983 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE A SSYUT BARRA GE BAHR DAM DAM ASF Kallab downstream WEST TZAF DOWNSTREAM I BRAHIMIA | DOWNSTREAM YUSEF CANAL CANAL STORAGE downstream CANAL LAWAL CANAL 2.100 140.000 4.100 133.500 7.100 122.000 27.000 89.000 3.800 94 332. 11.800 ~ repeated data 13 133. 121. 2 11 11 11 11 12.300 3 31 122-5 closed 133.700)1 11 12.500 121. 4.150 87,000 , 1 11 11 4.150 11 11 122. 84. . 11 2.000 139.700 7.300 3-700 87. 1) 127. 7 4.400 89. 2.100 134.700 1) 7. 128. 1) 2) 94.5 , ; 126. 11 13 7-500 8 9. 28.000 94.5 13.500 124.5 10 11 93558. 135.200 11 1) 13 21 1) 92.000 150,000 123.5 134.200 1.3 12 1) 11 135.200 13 122. 13 1) 141.200 12.950 11 14 123.5 12 11 (1 13 () 1) 15 127.5 160,000 137.200 2-200 () 12-750 125.5 1) 2-300 1) 17 140.500 - 11 3-650 123.5 1) 4.300 150.000 89.000 15 11 29.000 18 13 ... 126. 13.500)) 7.800 11 132. 19 11 151.500 1) 138. 20 1) 92480)) 153.500 1) 94.500 13 21 -15 1400)) 2-450 1) 7-900 12-950 22 144.5 11 28,000 100-11 8.5

2-490 102. 3-700 11 146.5 23 165.000 2-550 105. 11.650 150. 11 24 134.500 170,000 2-530 11.100 151.5 25 136.500 2-550 153.5 139. 102. - 11 26 12 33 159 11.600 () 27 18)) 142.500 1 13 105. 162.5 - 13 28 146.500 2-770 4.500 156. 1 1 110. 29 150 2.800 157. 7.700 1/2-5 30 152.) \$ 4.920 1) 157.5 117. 148.

	· MONTH	: June	YEAR:	1983	DAILY urce: Mi	REC	ORD	M m3/	907				
D.	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA A	AMADI BARI	KN6E	A SS YUT	BARRAGE	BAHR		
Α	STORAGE	DAM downstream	AS F CANAL	KALLAL	downstream	WEST	CANAL	DOWNSTREAM			YUSEF		
1	91086.	170,000	2-800	4.900	158-500	8.100	3-700	145.000	28.000	120.000	11.600	~	repeated (
2		185.	41	5.000	1		**	9.6	15	117.500) N		
3		,,		4.920	164	8.200		150-	,j	112.500	NJ I		closed
4		i i i i i i i i i i i i i i i i i i i	Lf.	4.920	174.5	8.100	3.1	148.	N.	112.500			
5		1,1	2.900	4.700	.,	,,	11	156.		14	N I		
6		6.1	11.		172-000		12	161.	1	117.500	1)		
7		190.		1,1	169.5	(1	11	1)	,,	122.	(J		
8		190-		1,	1.1	8.200	3.900	157.5			13.100		
9		190.	41	11	172-5	- 11	12	162.5	29,000		3)		
10		200.		1)	173.5			163.5	17	130.			
11	89 528		1)		176.000	1)	p	11	13	127.5	,,		
12		215.	2-800	4.900	194.	11		γ)		132.5	13.500		
13		15	2-600	1,1	196.	13	,)	170.	,,	137.	1)		
14		220.		. 11	199.	15	11	180.	30,000	132-5))		
15		225.	1)	5.000	10	.,,		188.	31.000	11	14,000		
16		230.	19	41	202.	11	· · · · · · · · · · · · · · · · · · ·	189.		145.	13-500		
17		235.		5-180	207.		,,	191.	,,	151.	1,7		
18		131	- 1	41	209.5	8.400		194.	,)	153.	1,		
19		240.	2-700	5.380		,,	1	199.	111	155.5	14,000		
20			2.800	5.580	220.			199.	3/	158	i q c		
21	87835	11)	5.580	223.5	,,,	- 11	197.	32.000	handrates managed and establishment in Q	14.450		
22		11	2-600	5.200	11			201.5	,,	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE	14,000		
23).1	13		224.5		3	204.5	,,	160.5	7400		
24		,,,	r.1	1	11			11	3	165.	, ,		
25			,,	,,	11			206.		168	15		
26		-			11	8.500	(3)	207.	33.000	165.5	14.500		
27		235.	2-700		223.	<i>B</i> .500		203.	1)	100.0	14.500		
28		11	2-600		216.	, i	3		7,1	1)	15,000		
29		,)	2-900			8.700	1)	201-5		manuscriments in branching carried companies property	15,000		
		230.	3,000		215.	0 000	CANADA BATTA CANADA STANDA STANDARD SANDA STANDARD STANDARD	193.	34,000				
30		-,-			211-	9,000	4.000	196 -	35.000	158	"		

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: July YEAR: 1983 DAILY RECORD Mm3/day

Source Ministry of Errigation

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NACA H	AMADI BAR	RAGE	ASSYUT	BARRAGE	BAHR	
A Y	STORAGE	DAM downstream	ASF CANAL	KALLAL	downstream	WEST CANAL	TZAT	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF.	
	85924.	230,000		6.700	211.000	9,000	4.000	188.500	35.000	155.000	14.500	~ repeated da
2		1)	,3	, , ,	23))	,,,	190.5	36,000	1	14.	~ repeated da
3		,)	•	1)	206.	9.500	,,1	192.	,,	153,000	Sentence in Comment or sent or sent or sent	closed
4		13		1)	208,50	13	19	188.	34.000		14.500	2,6356
5		1)	,)	1)	71		l de la companya de l	187.	1)	ψ	15.	
6		y)	9.3	1)	31	3)	,,	,,	1)	4)	15.4	
7		,,,	1,1	1)	1)	51	.,,	(4	21	,1	16.	
8		1)).)	,,	11	9.800	4.100	11	1)	1)	16.	
9		NJ	,)	,	, ,		13	188.	11	,,,	15.4	
10		,,	2-900	,,		10.000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	190.	3.7	1	.)	
11	84084.))	,1	6.520	211.000	N.	11	1)	1))3	7)	
12		225.600))	6.320	213.500	CONTRACTOR AND ADDRESS OF A PERSON NAMED IN COLUMN 2 AND ADDRESS OF A PE	11	191.5))	155.5	14.8	
13		1)	2-800	6.300	216.))	,,	195.))		14.3	
14		()	2-700	6.280	213.	10-100	,)	194.	زر	>)	13	
15	4	1)	2.600		208.	Paris I	11	21	l l	158.	14.5	
16		ν,		6.080	207.520			190.	35.550		16.7	
17		,,	1.800	5.000		()	,,	1)	1)	158.	7.3	
18			, j	21	205.	1,3	11	192.		155.5	7.3	
19		220.	3.1	,,	13	1)	13	191.	,,;	13	. ,,	
20		215.	2-200	5.200		,,	4.050	187.5		13	, 3	
21	82336.	,,	71))	203.	10.100	, ;	185.	در	3.3	16700	
22		1)	11	73	201.	17	,)	182.	,,	153,000	CONTRACTOR OF THE PROPERTY OF	
23		1,1	VI	1)	200.	,1	13	181.	1	151.	1,7	
24		,,	2.250		- N	33	1)	180.	36.000	The state of the s	,,,	
25		10))		γ)	V)		179.	93	1,5	17-300	
26			73		33		1,1	180.	1)	143.		
27		,,	1)))	ξ	1.1))))	143.		
28		1.6	13	,,,	33	įl.	4,000	179.))	143.		
29		,,	,,,	,)-	13	1	4000	177.5	1)	112	4	
30		(1)		1)	ا در	1,11,11	4,000))	化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	140.		
31		,,	2.400	1,9))	11	4.000	13	3)	140.		
							1.000					

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: Aug. YEAR: 1983 DAILY RECORD Mm3/day
Source Ministry of ERRIGATION

	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RAGE	A SSYUT	BARRAGE	SHAB		
	STORAGE	DAM downstream	ASF CANAL	KALLAL	downstream	WEST .	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF.		
	80 924	215.	2-400	5.300	199.000	10-100		182.000	36.000	140,000	17.300	~ repeated	dat
2		13	1 ,3	, Y	201.5	γ			35.550	/45-	16.800		
3		13		5.400	7.1	, ,	4,000	178,000	34.500	15/	16.300	closed	
4		11	9 %	38	3,4	10.000	4.200	179.000	12	147.	, , ,		
5			•	•	201.5	, ,	,,	179.5	1)	144-	16.100		
6		33		y	14	n))))	143.	, ,		
7)		10	7)	13	1)	11	0.)	33			
8		','))	202-3	,)	Ŋ))	,)),5		
9		1)	10	, , , , , , , , , , , , , , , , , , ,	203-5	,)))	1)	,,,		1)		
10		1)	1)	()	200.	,)	33	181.5	12	7)	,,		
11	80204.	13	1)	25	- 11	,,,	1)	180.))	144.	13		
12		V)	3.1	13	203.	,,	11	179.	j)	145.	i)		
13		1)	N)	,,	206.	1)	در	1)	,)	1)	3)		
14		,))		13	201.	1)))	181.5	1)	1)	15.600		
15		210.	11		>)	1)	11	182.5	y 1	1)	13		
16		205.	2.250	\$ 3	197.	,,	4.225	177.	34.000	147.200	• • • • • • • • • • • • • • • • • • • •		
17		200-	2-350	5.700	193.	v	13	173.	(1	146.600	1)		
18		, 3	φ		189.	,,	7)	169.	ν)	143.600	1)		
19		1)	1)		184.	,)	,,	167.5	V	137.500	19		
20		ş ş	1)	N 9	187.	0	,,,	164.		133.800	,,		
21	131100	11)	2-500	5.900	185.5	1)))	y)	34,000	CONTRACTOR THE SECURITY AND ADDRESS OF THE PARTY OF THE P	15.600		
22))			,,	33	2,3	7)	33.450		15.200		
23		190.	13		3)	,,),3	31		· ,,	13		
24		185.		5.800	182.	1,1	17	163.5	1,1	7,1	, j		
25		> 3		1,5	175.	1, 1	3.1	162.	11	129.	17		
26	The state of the s	180.	•	30	172.	,,	, ,,	159.5	1)))	,,		
27		170.	1,3	, j	33	,,,	73	155	1)	126.200			
28		9-9	2.470	5.740	160.500		,,,	151.	33	124.	11		
29		1)	2-440	5.800	(58.500	.,,	,,	147.	1)	119.	1)		
30		1)	2.420	5.640	157.500		,,	140.	32	113.400	1,		
31		1.0	وار	5.640	,,			138.5	32.500	97.000	14,700		

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

AND MONTH: Sept YEAR: 1983 DAILY RECORD Mm3/day

Source Ministry of ERRIGATION

	HIGH ASWAN	ASWAN	-	BARRAGE		NACA A	AMADI BAR	RAGE	A SSYUT	BARRAGE	SHAB	
	STORAGE	MAM	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	Downstream	YUSEF.	
	85072	165,000	2.300		157.500		4.225	137,500	32.000	107.000	14.200	~ repeated da
2	7	ris .	2.290	5.080	157.000	11			31.000	108.400	1,3	
3		7)	2-270	5.040	156.000	1)	1)	139,000		106.800	14.700	closed
4		- (1	2-100	4.800		11))	137.000	3/	105.400	l is	
5			2.130	4.860	158,000	(1	7)	,,	,,	11	10	
6		rJ.	2-150	4.900	159.500	()		1)	30,000	107.800	13,000	
7		VI	2-130		158,000	11	13	138,000	13	(06.800	13-500	
8		and a	2-270		157.5	N	11	140.000		107.800		
9		.,,	2-260	5.020	ы	11		137.500		110.000	12.900	
10		11	2-240	4.980	156.5	9.850	4.000	138,000		108.800		
-11	89,200,	14	2-340			9.700	13	13	27.000	ANY PROPERTY AND ADDRESS OF THE PARTY OF THE	11.900	
12		11	13	3.5	13	13	1	140,000	11	108.4	11	
13		rit .	111))	1)	11	()	1)	11	11	13	
14		61	2-280	5.660	157.5	11	(1)	13	()	109.800	11	
15		155.	2-260	5.620	156.5	9.500	χ1	141.500	11	110.800	1)	
16		145-	2-220		154.5	9.400	1	141.	11	112.600	1,1	
17		140.	2-160	5.220	150.	9.100	,,	140.		109.		
18		135.	2.080	5.260	146.	V	(1	135.	11	107.200	12-700	
19		2)	1.940	4.980	139.	- //	- 1	133.		105.200		
20		130.	1.860	4.820	135.	c+	(1	127.5	material and a company of the compan	97.000	Securement No. (1) and a first property property of the Principles of the Company	
21		130.	1.860	4.120	133.	11	11	120.	3)	94.400	Contract and other street, sometimes in the party of the last of t	
22		125-	1.820	4.040	the state of the s	"	NJ.	118-	1,1	92.	1/5	
23		33	1-870	3.940	128.	11		115.	· · · · · · · · · · · · · · · · · · ·	87.5	7,3	
2 4	and the second s	135.	1-750	, i	127.5	1/		1/2.	d	84.8	.,	
25		1.5	1.500	4.000	11	8,900) i	111.	, 1	81.80	13.750	
26		1 3	1.540	4.080		13	1/	109.	1.6	79.50	3	
2		133-		13		8.300	3.800	112.	28.500		14,000	
28		_	1.360	3.820	127.5	7.900	3.500	1/3.	4	76.4	13.500	
2 9		the same in the party and section to the first party and we		3.640		7.500			13	78.6	13.250	
30		125.	1.490			7,900			()	80.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
3												

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS.
MONTH: OCT. YEAR: 1983 DAILY RECORD Mm3/day

Source: Ministry of IRRIGATION

D	HIGH ASWAN	AS WAN	ESNA	BARRAGE		NACA P	AMADI BAR	RAGE	A SSYUT	BARRAGE	BAHR		
A	STORAGE	DAM downstream	CANAL	KAllab CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF.		
	94246.	120.000		3.600	116,000	7.000	3.500	111.000	26.500	81.200	13.250	repeated	dat
2		.,)	1.140	3-380	113.000	7.300		109.000	95	79.500	,,	repeates	MAIG
3		125.	1.120	3-340	109.	x1	4 j	104.	11	77.000	,,	closed	
4		1)	1.117	3-440	111.5	7.100	13	105.	13	73.650	,,	- 0360	
5		130.	1-333	3.660	113.	7-150	1)	104	11	68.800	.,,		
6		33	1.460	3.920	114.5	n	11	105.5	12	68.00	c)		
7		1.7	1.530	4.060	118.	J. J. W.	3.556		1)	1.3	11		
8		13	1.540	4.080	118.5		ζ,	108,000	11	69.600	1)		
9		1	1.810	4.120	119	1		109.000	41	73.400	1,7		
10		- 11	11	4.810	119.	1,1	v)	108.000	1)	71.400	1)		71 10 10 10 10 10 10 10 10 10 10 10 10 10
11	95 063	140.000	1830	4.160	120.	7.000	1)	112.000	2)	74.600	1)		
12		33	1.780	4.260	124.	6.800	3350	110.	3)	77.000	,)		
13		130.000	1.830	4.360	126-5	1)	1)	1/3.	1)	78.000	12-500		
14		17	1.780	4.260	124.	6.500	3.100	122.	25.500	- compression and recognision			
1.5			1.720	4.140	121.	6.200		118.	13	84.000			
16		1	1.700	4.200	11	6.000		118.	25,000	To the state of th			
17		1)	1.690	4.180	120-5) 1	3.000	112.	NI.	13	,,		
18		1	1.660	4.120	119.	5.900	1)	118-	11	86.200	,,,		
19		,,	1.780	4.210	118	11	43	115.	1)		,,		
20			1.760	4.107	117.		2.950	1/3.	24,000	87.400	- Li		
21	A service of the serv	, ·	1-770	4.190	117.5	5.900	19	113.	7.1		11.000		
22	and the same and property and the same of the same of	137.000		13	,,,	j j	NJ.	110.		84.800	15		
2.3		130,000	1.720	4.240	118-500	Marie Marie	19			81.800	,,3		
2		,3	1-730	4.260	11	1,9	11	11		80.800	in in		
25		1	1.690	4.180	116.500	, j	()	111.000	· ·	111	, ,		
2		15	1.800	4.400	3)	8 8	.,	109.000	,,	1)	49		
2		13	1.810	4.420	117.	5,800	11	109.500	33	81.800			
2		A COUNTY OF THE PARTY OF THE PA	1.820	4.400	117.5	13	,,	110.000	, ;	80,800	19		
2			1.800	7,7	116.5	13	2.900	108.000	11	78.600	1/		
3		61	1.680	4-360	115.5	111	3,100	107.500	1.0	13	ú)		
3	The second secon	.,,	100	1,1,1	,,,		3,100	10 1.300	13	, i			

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS MONTH: NOV YEAR: 1983 DAILY RECORD MM3/day

Source : Ministry OF IRRIGATION

).	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA A	AMADI BAR	RAGE	A SSYUT	BARRAGE	BAHR
	STORAGE	DAM	CANAL	CANAL	downstream	WEST CANAL	CANAL	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF
1	96224	140.000	1.720	4.440	118.000	6.200	3.100	105,500	24.000	77.400	11.000
2		130.	1.790	4.580	121.500	6.350	13	108.000	-,>	9.8	11.000
3		150.	,,	33		6.500	• • • • • • • • • • • • • • • • • • • •	110.500	() () () () () () () ()		3.1
4		/35.	1.920	4.840	128.000	6.500	23.	113.000	1,0	5.3	1
5		132.	11	,,	L. L.	53	, , , , , , , , , , , , , , , , , , ,	113-500	1,	80.800	/1
6		130 .	1.700	4.300	123.000	6.600	4	115,000	- I,	81.800	1.6
7		رز	1.660	4.220	121.000	,)	1)	115.000	,	82.800	1
8		15	1.630	4.160	120.500	7,000	3.250	110.000	(1	87.400	1
9))	1.690	4.180	11	,,	3.250	110,000		84.800	,,
10		13	- 11	73	1)	7.200	· · · · · · · · · · · · · · · · · · ·	109.000		82.200	- 11
11	96869	125,000	1)	"	13	1)	1	3)	1)	80.800	,,
12			1.640	17	117-500	7.300		108.000	1)	78.600	- N
3		3)	1.560	4.020	115.500		,1		11	77.400	,)
4		1)	1.540	3-980	115.000	,))	11	105,000	1)	80,200	,1
15		1)	11	,,)3	1)	3.300	1)	\1	76.000	.,,
16		135.000	1.580	4.060	117.000	,,	J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	13	,	73-500	,)
17		1)	1.600	4.200	122.000	13		103.500	11		11
18		1)	1.670	4.340	125.000	7.500	3-400	106,000	11	N. C.	11
19))	1.730		128500	13	,3	111.000		- W	,
20		140.000	1.850	4.300	131.000	.,,	33	112.500	11	78.600	17
21		126.000	Contract of the second second		125.500	7.300	3.300	116.000	1)	84.200	11.250
22		128,000	1.660		121.500		73	1,7		87.400	(1)
23		125.000		3.900	119.000	0		112-500	,,	89.400	13
24	the state of the s	the second section is a second section of	1.510	A name of the Party of the Part	117.000	7.200	3.250	110.500	1, 9	87.400	(1
25			1.460		114.500		3.200	,,		84.800	Committee of the Commit
26		135,000	1.520	A service to the service of the serv	117.500	7-100	,	105.500	,,,	81.200	no natrobramo e designabativo destructorio esperan-
2	the state of the s	120.000	1.670	3 7/10	116.000	7.100		106.000		78.600	
2 8		13	1.620	3.660	114.000	11	,,	107.000	•	77.000	9.250
2 5		,j	1.600	3-600	112.500	7.000	, 3	106.000	CONTRACTOR DESCRIPTION	81.200	7.230
3		145.000	7.000	-	+	7.000		103.500	7,5	1)	
3								10 3. 5. 5			

~ repeated data

closed

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

MONTH: Dec. YEAR: 1983 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION

ASWAN HIGH ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE BAHR A SSYUT BARRA GE DAM DAM ASF Kallab downstream WEST TZAF DOWNSTREAM IRRAHIMIA DOWNSTREAM YUSEF STORAGE downstream CANAL CANAL CANAL JAMAS CANAL 96611. 120 1660 3.920 120.500 7.000 3.200 1.5.000 22.000 79.500 9.250 ~ repeated data 3.780 117. 6.800 1500 3.100 1.6.500 77,000 > 3 109.000 3.650 113.500 1.520 79.500 9.500 1.360 3.460 112-5 6.600 3.000 108,000 11 84.000 2.900 105,000 5 1.350 84.800 113.5 6.500 10.000 115 1.370 114.5 98.000 82,900 10.000 1) 1.300 3.300 6.400 109.5 77.000 102.500 9.500 119 1.260 3.200 107.5 76.000 11 104,000 9.000 9 6.300 1.280 2.840 108.5 101.500 77,000 10 1.300 11 2-880 109.5 6.150 11 96439 120 73-500 2-980 103.000 1.290 109. 6.000 1) 11 12 1.310 3.020 111. 1))) 11 11 74.400 119 1.340 3.080 112.5 11 15 13 11 1) 14 150 1-400 73.500 3.100)) 1) 11 21,000 1) 135 13 15 8-500 1.560 3.420 120.5 105.500 77.000 16 140 1.600 3,500 122.5 5.800 1) 108.000 77,000 -11 17 119 3.620 81.200 8.000 1.660 125.5 5.700 115,000 18 115 1.460 1.220 2) 20,000 87.400 118.5)) 19 140 1.340 113.000 2.980 112.5 1) 92.000 7.000 115 106.000 20 1.450 3,200 118.5 6.000 94.400)) 3.100 95837 130 3.100 /05.000 7.500 21 1.470 89.400 3,440 117. 6.700 120 1.490 3.300 , ,) 81.200 14 22 3.480 118. 7.100 23 125 1.500 3.500 118.5 7.500 3.600 104.000 11 7-000 24 11 1) 33 6.500 1.550 3.600 121. 3,600 105,000 130 25 22.500 76.000 i j 105,000 1.530 3.560 117.5 7-500 1) 3.520 8.100 103.500 24.000 73.500 26 1.510 116. 1) 100,000 26,000 70,400 8,500 27 3.560 1.530 117. 11 28 1) 8.600 101.500 27.500 66.000 9.000 1.520 3.740 118. 135 29 13 64.500 9.500 1.560 3.820 120. 8.700 130 3.880 121.5 3.800 30 1.590 11 13 8.500 103-500 11 31 110 3.840 120.5 3-800 66.000 7.000

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS.

MONTH: JANUARY YEAR: 1384 DAILY RECORD Mm3/day

Source Ministry OF IRRIGATION

		BAHR	BARRAGE	ASSYUT	RAGE	AMADI BAR	NAGA A		BARRAGE	ESNA	ASWAN	HIGH ASWAN	D
		YUSEF.	DOWNSTREAM	I BERNIMIA CANAL	DOWNSTREAM	CANAL	CANAL	downstream	CANAL	CANAL	DAM	STORAGE	A Y
repea	~		76.0	11.5	113.	7.0	3.0	115.5	3.60	1.50	130.0	94,977.	
repea			89.4	9.0	118.	6.0	2.5	115.0	3.56	1.48	~		2
وماء			107.4	7.0	123.	5.0	2.0	117.0	3.64	1.52	~		3
2 1 3			118.6	4.0	127,	4.0	1.0	~	3.60	1.50	~		4
			128-5	1.5	130.	1.5		~	2.32	1.50	110.		5
			136.2		127.			113.0		1.42	~		6
	- n - b - 107 - 1		130.0		122,			128.5			~		7
			123.0		122.			141.0			130.		. 8
			121.0		132.5			141.0			126.		9
			125.0		143.			137.0			~		10
			136.6	_	135.	1		134.0			~	94,031.	11
			138.0		139.		- 1	130.0			125.		12
			140.0		132.			127.5			~		13
			135.6		129.			127.5			~		14
			132.5		126.			126.5			N		15
			125.0		125.			125.0	The state of the s		124.		16
			125.0		123.			125.0			110.		17
			121.0		123.			119.0			110.		18
			121.0		118.			119.0			145.		19
			117.5		105,			142.5			125.		20
			112.6		100.			134.			115.	and the same of th	21
			117.5		122.			121.5			110.		22
			107.4		125.			109.0			118.		23
			120.0		110.			105.5			125,		24
			112.6		100-			99.0			~		25
			89.4		100.			111.5			~		26
			84		105	0.8		~				A	2 7
			81.2		108	1.5		~			~		28
			76.0		105.	2.5	0.1				2		29
			76.0		103	6.5	W. 5	112.			~		30
			81.2	6.0	98.	7.0	3.0	109.5			~	the state of the s	3

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS . MONTH: FEBRUARY YEAR: 1984 DAILY RECORD Mm3/day

Source MINISTRY OF IRRIGATION

HIGH ASWAN ASWAN NACA HAMADI BARRAGE ESNA BARRAGE ASSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TEAST DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF downstream CANAL STORAGE CANAL CANAL LAWAL CANAL 1.04 93,013. 8.8 135 109.5 VOONE 4.0 100. 20.0 70.4 ~ repeated data 1.67 97.5 25.0 64.6 2 1.51 61.8 3 96.0 27.0 closed 1.63 2.90 60.0 9.0 96.0 1.84 3.39 114. 5 58.0 97.0 3.65 1.94 121. 93.5 57.0 1.87 7 3.75 121.5 ~ 52.0 95.0 8 1,72 3.94 122.5 103.0 8.9 3.85 N 1.74 3.98 123.5 N 9 101.0 58.0 1.74 3.98 61.8 10 N N 28.0 92,603. 1.71 3.92 122. 8.7 61.8 11 103.0 N 1.69 3.98 121.5 8.4 101.5 12 62.8 7.6 N ~ 101.0 13 63.4 1.72 123.0 14 4.04 100.0 N 63.4 4.14 15 124.0 N 64.0 102.0 26.0 ~ 16 145 2 2.5 3.75 105.0 24.0 70.4 17 1.83 129.5 106.5 4.36 71.4 4.48 1.89 132.5 7.2 18 3.65 76.0 7.2 1.61 4.02 144,0 80.8 150 19 3.2 111.0 23.1 80.8 142.0 3.2 118.0 20 91,783. 140.0 6.8 125.0 86.2 21 3.0 141.0 4.10 123.0 94.84 22 ~ 23 143.0 124.0 95.8 24 127.0 26.08 144.0 N N 142.0 129.0 100.0 25 140.0 ~ 1.5 100.6 26 N 101.6 142.5 27 126.0 N 125.0 V 28 3.82 V 126.0 N 100. 0 29 30 31

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: MARCH YEAR: 1984 DAILY RECORD Mm3/day
Source Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	HAMADI BA	RRAGE	ASSYUT	BARRAGE	BAHR
A y	STORAGE	DAM downstream	ASF	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF
	And the same of th										Hard district seasons
1	90,963.	150 .	1.5	3.82	142.5	6.8	3.0	126.	23.1	98.8	
2		~	•	~	143.5	~	1 ~	~	~	~	
3		~	~	~	144.5	- 	~	~	~		
4		~	~	3.90		*	~	128.	~	~	
5	nder en he na de marie en en en en en en en en en en en en en	~	~	~	145.5	~	*	127.	~ ~	2	
6		~	~	~	146.	~	~	125.	24.	~	
7		~	~	~	143.	~	~	128.	~	94.4	
8		135.	1,6	~	143.5	6.9	3.1	127.	25,	93.	
9		130 .	1.6	-	141,	~		127.	27.	89.4	
10		~	1.58	~	131.		~	125.5	~	87.4	
11	89, 897 .	~	1.49	3.60	128.	~	~	124.	~	92.	
12		~	1.40	~	~	~	~	w.	~	~	
13		~	1.40	~	~	6.8	~	~	~	86.2	
14		~	1.56	3.50	128.5	~	~	~	~	81.2	
15		~	1.50		128.	6.9	3.25	112.		71.4	
16		~	1.51	~	128.5	*	1	111.5		~	
17			~	~	128.5	~	-	~	~	2	
18		~	1,49	~	128.	~	~	2	~	~	
19		~	1.49	~	- L	~		2			
20		140,	1,49	3.90	~	~	~	112.		~	
21	88,927.	145.	1.51	3.70	130.			111.5		78.6	
22		~	~	~	136.5	1	~	110.5	2	77.4	
23		~	-	~	142.	~	1	111.		~	
24		~	~	~	142.		\ \ \ \ \	115.	4	80.8	
25		*	1.60	~	136.		~	120.	2	72.2	
26		~	1.70	~	138.5			124.	Ž.	94.4	
27			1.70	-		2	1	122.	~		
28		~	1.84		140.5	~	2		~	89.4	
29		~	1.85	~	140.5	~	~	121.	N	87.4	
30		~ T			141.	- N	-	122.	. A	89.4	
31			1	. 2	~	~	W	124.	2	85.4 85.4	

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
MONTH: APRIL YEAR: 1984 DAILY RECORD Mm3/day
Source: Ministry of IRRIGATION

	BAHR	BARRAGE	ASSYUT	RAGE	AMADI BAR	NACA P		BARRAGE	ESNA	ASWAN	HIGH ASWAN	2
	YUSEF	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM.	CANAL	CANAL	downstream	CANAL	CANAL	DAM downstream	STORAGE	Α
repeated		86.2	27.0	124.5	3.25	7.0	141.5	4.42	1.81	145.	87,796.	
repeased		88.8	~		~	~	142.	4.22	1.82	145.		2
closed		89.8	2	2	~	~	~	~	~	135.		3
2.0364		90.2	2	~	2	~	139.5	4.30	1.75	~		4
		~	~	~	~	~	137.	~	1.70	~ /		5
		~	~	123.	3.1	~	134.	~	1. 64	~ /		6
		93.5	~	120.	~	~	133.5	~	1.63	~		7
		90.2	~	118.	3.	~	132.	4.20	1.57	~		8
		84.1	~	116.	2.8	7.1	133.5		1. 60	~		9
		82.1	~	118.	~	~	~	~		~		10
		~	28.	117.	~	~	~	2	~	~	86,743.	11
		~	~	119.	~	~	133.	~	1.59	~		12
		84.6	29.	115.	3.5	~	140.	4.08	1.50	~		13
		84.1	28.75	101.	~	n	138.5	~	~	~		14
		81.		122.	~	~	136.5	4.10	~	~		1.5
		84.1		112.	3.4	7.2	135.	*	~	~		16
		85.2	~	119.	~	6.5	4	~	~	.		17
		~	28.0	120.	~	6.6	~	~	~	~		18
		85.8	27.	117.5		7.2	~	1	~	~		19
		~	27.	112.	4.1		136.	~	2	~ .		20
		82.1	27.	131.	4.2	~	137.5	2		140.	and the second s	21
		78.2	2	115.		~	140.	2	~	~		2.2
		2	~	119.		~	143.5	2	~	145		23
		82.1	~	121.94	N.		~	~	~	~ :		24
		85.8		121.94		~	145.	4.2	~	~ <		25
		86.4	~	122.91	~	~	146.	2		~		2 (
		30.4	2	124.80	4.1	~	146.5	~	~	~		2
		87.8	~	120.37	Ž.	2.5	4	~	<i>\lambda</i>	~		2
		89.8	~	120.	- L		143.5	4.12	7	~		2
		89.8	~	123.88	₩ N	- N	143.5	4.12	1.6	~		3
											The second secon	3

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
- MONTH: May YEAR: 1984 DAILY RECORD Mm3/day

Source: Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BA	RRAGE	ASSYUT	BARRAGE	BAHR
A y	STORAGE	DAM downstream	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF
1	85,417.	145	1.61	4.12	146.5	7.5	4.1	122.45	21.	89.8	
2		2	1,5	~	148.5			123.95	2	94.0	
3		- A	~	4.0	141.5			123.88		91.3	
4		-		4.2	145.0		A	125.33		91,3	
5		2		4.38	149.5		~	125.33	~	89.4	
6		140		4.1	151.0	^	4.0	~	~	88.88	
7		145		~	146.0		2	127.66	~	91.8	
8		150		2	148.5		1	127,273	~	52.8	
9		147		~	143.5		4	124.85	28,	~	
10		125		4.06	147.5		3.7	124.8	~	91.8	
11	84,730	145		~	~	4	1	126.03	~	~	
12		~		3.98	145.5	^	-	124.273	~	~	
13	1 7 7 7 1 1 1 1 1 1	~ .	1.86	2-82	140.0	~	~	126.3	29.	~	
14		~	1.84	2.78	139.0	~	~	124.85	~	92.8	
1.5		~ ,	~	~		~	-	122.	~	90.8	
16		150	2.08	2.96	138.	~	1	121.94	~	~	
17		~	~	~	2	~		124.85	28	88.3	
18		~	2.28	4.1	143.0	~	~	125.82	4	93.5	
19		160	2.37	4.28	147.5	^		120.17		91.3	
20		160	2.35	4.5	157.0			122.1	~	93.5	
21	83,932	~	~	~	158.5	~		128.24	~	88.8	
22		~	~	~	160.0	2		134.546	~	91.30	
23		~	2.4	4.9	156.5	~	—	128.240	~	92.4	
24		165	~	~	158.5	~	1	134.546	~	98.6	
25		170	~	~	160.0	v		136.485	~	~	
26		170	~	~	164.0	~	1	140.365	~	91.9	
27		130	2.5	5.4	167.0		~	141.820	~	98.6	
28		~	~	~	171.0	4	1	131.183	~	103.7	
29		175	1	~	~	1	A	148.122		~	
3.0		~ .	~	N	169.0	1	~	150.062	~	108.	
31		180	W	~	170.0	~	~	149.092	~		

~ repeated data

6/84

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
- MONTH: JUNE YEAR: 1984 DAILY RECORD Mm3/day

Source Ministry OF IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	HAMADI BA	RRAGE	ASSYUT	BARRAGE	BAHR	
A Y	STORAGE	DAM downstream	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF	
	82,526	185.	2.5	5.4	170.	7.5	3.7	151.3	28.0	116.5		~ repeated do
2		190	~	~	180.	~		153.45				~ repeated do
3		190.	~	~	181.5	~	~	156.36		118.4		closed
4		200.	~	~	186.5	~	1	160.24		119.4		C103ed
5		~	2.4	5.2	195.	~	~	166.55		121.6		
6		~	2.3	5.1	197.5	~	~	173.34		131.7		
7		~	2.2	4.9	199.2	~	~	176.24	~	136.9		
8		205.	~	4.9	198.	~	~	178.18	28.5	140.		
9		205.	~	~	197.5	~	~	179.14	29.5	142.5		
10		210.	~	5.0	198.5	~	~	179.14	~	145.		
11	80,780 .	210.	2.3	5.2	197.5	8.2	N	175. 27	~	143.		
12		215.	2.4	5, 4	200.	~	~	174.30	~	142.		
13		215.	2.5	~	200.	~	~	176.24	~			
14		220	~	~	207.	~	~	179.14	30.55	141.6		
15		230	~	~	216.	~	~	183.03	31.5	~		
16		2	~	~	211.5	~		186.9	4	146.1		
17		-	~	~	216.	~		190.3	~	149.7		
18		~	~	~	219.5	~	~	195.64	~	154.9		
19		W	~	-	222.5	~	~	201.		160.		
20		~	~	~	221.5	8.8	4.0	204,	32.	165.1		
21	78,836.	~	7	4	221.5		1	201.5	33.	166.5		
22		~	~	5.4	221.5	~	1	~	~	166.1		
23		~	~		222.5	-	1	202.5	- 2	169.1		
24			~	~	220.	9.0	4.1	1 2	~	215.1		
25		4	~	~	4			200,1		162.6		
26		A	~	~			~	199.52		165.1		
27		~	2.4	5.3			~	+98 35		167.6		
28		2.25	~		~	~		198.33	~	217.6		
29		225	~		2		~	199.52	32.	~		
30		225	~		219	~	~	ا ا ا	2	2	\$1,000 (\$1,000	
31								67				

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
- MONTH: JULY YEAR: 1984 DAILY RECORD Mm3/day
Source: Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	-	BARRAGE		NACA A	AMADI BA	RRAGE	ASSYUT	BARRAGE	BAHR
A y	STORAGE	DAM	CANAL	CANAL	downstream	CANAL	CANAL	DOWNSTREAM	I BRAHIMIA CANAL	DOWNSTREAM	YUSEF
	76,820.	225.	2.4	-	218.	3.0	4.1	199.5	32.	176.	
2		~			216.	2	2	1		~	
3		~	~		212.5	~	~	197.58		~ 1	
4		220.	~	5.6	~	9.8	4.3	194.76		167.6	
5		~	~	~	211.5	2		193.7	~	165.1	
6		~	2.5	5.8	205.	~	~	~	34.	160.	
7		~	~	~	206.	~	~	190.79	34.	157.41	
8		~	~	5.9	~		~	189.34	35.	~	
9		~	~	~	209	~	~	189.34	~	156.3	
10		225	2.4	5.8	212.5	MAN	~	193.7	4	157.9	
4.4	74,948.	225	~	~	211.	~	~	195.64	~	155.8	
12		230	~	~	209.	~	~	193.70	~	157.9	
13		~	*	~	210.	~	~	1 87.88	~	160.	
14		~	~	~	212.	~	4.1	190.90	35.55	159.	
15		~	2.3	~	210.	~	~	191.76	~	155.3	
16		~	~	*	211.	~		192.73		155.8	
17		~	1	4	*	~	~	191-27	4	151.9	
18		~	~	~	~	~	~	191.27		157.9	
19		~	-	~	~	<i>~</i>	4.0	191.27		~	
20		~	~	~	~	10.0	4,11	191.27	~	156.8	
2	73,620.	~		~	~	~	4.01	191.27	~	~	
2:	2	220.	~	~	*	~	~ ~ ::	187.88	~	7	
2	3	215	2.5	6.0	~	~	4.3	190.30	*	156.3	
2	4	~	~	~	207.5	~	~	191.27	4	154.9	
2	5	~	~	~	205.	~	~	188.85	*	~	
2	6	~	~	~	205.	~	~	183.03	~	155.8	
2	7	~	~		204.	9.8	4.5	178.18	n iii	152.3	
2	8	~	~		205.	~	~	180.61	- A	147.	
2	9	~	2.3	5.8	200	~	~	182.01	~	144.6	
3	0	~	7	~	200	~	~	182.06	4	147.	
3		~	~	. ~	200	1 N	V	180.61	The state of the s	144.	

8/84

MONTH: AVGUST YEAR: 1984 DAILY RECORD Mm3/day Source : MINISTRY OF IRRIGATION HIGH ASWAN ASWAN ESNA BARRAGE NAGA HAMADI BARRAGE A SSYUT BARRAGE BAHR DAM DAM ASF Kallab downstream WEST TZAT DOWNSTREAM I BRAHIMIA | DOWNSTREAM YUSEF downstream CANAL CANAL STORAGE CANAL CANAL CANAL 72,940. 2.3 215 5.6 98 4.5 180.64 202. 35.55 147.0 ~ repeated data 8.8 2 ~ 180.61 146.1 3 5.4 9.5 4.8 177.215 143.5 210 180.61 140.6 ~ ~ 142.0 144.6 N 200. 17965 144.6 6.0 196.5 180.61 6.0 ~ ~ 180.61 34.5 176.73 ~ 10 197.5 176.73 73,586 . 175.275 142.0 5.3 12 140.6 N 13 in 177.215 142.0 200. 192.5 14 142.5 2.4 184. 175.760 15 5.5 16 2.5 184. 172.366 5.7 34.0 17 ~ 185 169.460 142.0 165.10 18 N 135.5 19 5.6 168.49 131.7 ~ 9.8 128.4 4.5 20 164.61 21 74,266. 164.61 130.8 9-8 N 163.15 22 5.7 33.45 130.8 236 190. 4.45 23 182.5 163.15 129.4 185. 175. 24 163.15 128.4 169. 180 . 25 159.76 128.4 167.5 153.94 26 126.6 170 161. 27 151-52 123.1 160. 146.67 116.4 28 2.1 6.0 112.2 161. 141.82 29 6.0 161 2.1 30 141.82 112.2 6.0 175 2.1 161. 31 141.82 32.5

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS

repeated data

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
- MONTH: SEPTEMBERY EAR: 1984 DAILY RECORD Mm3/day

Source: Ministry of IRRIGATION

D	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	HAMADI BA	RRAGE	ASSYUT	BARRAGE	BAHR
A Y	STORAGE	DAM downstream	ASF	CANAL	downstream	CANAL	TRAT	DOWNSTREAM	I BRAHIMIA	Downst REAM	YUSEF.
	75, 452 -	170.	2.1	6.00	161.00	9.8	4.45	141.82	32.0	108.70	
2		165.	2.19	5.98	153.50	9.8			3 1. 0	102.60	
3		175.	2.16	5.52	158.00			2		106.30	
4		~	2.14	6.08	160.00	2	1 1 2	139.395	~	108.70	
5		165.	~	~	165.00	~	1 2	~	1	106.30	
6		160.	~	~	164.00		1	142.79	30.0		
7		~	2.10	6.00	158.00	~		147.15		108.70	
8		~	2.04	5.88	155.00	~	~	143.275	~	112.80	
9		170.	2.06	5.62	153.60		1	139, 395	~	114.80	
10		160-	2.13	5.76	156.50	~	~	136.485	~	111.20	
13	76,532	~ /	2.09	5.68	154.50	~	~	136.485		105.20	
12		~ ′	2.17	5.64	153.00	9.10	~	138.425	29.0	107.20	
13		170.	2.14	5.58	151.50	~	~	136.485	28.0	105.60	
14		155.	2.16	5.62	152.50	~	~	134.545	~	104.70	
15		150-	2.13	5.56	151.00	~	-		*	106.60	
16		145	2.05	5.10	148.50	~	~	135.520	~	~	
17		* ,	1.98	4.96	145.00	8.80	4.10	4	~	104.70	
18		~ -	1.88	4.76	140.00	~	~	130.185	~	105.60	
19		~ .	~	4.26	139.00	~	~	128.730	~	104.70	
20		1302	1.85	4.20	132.50	~	~	126.300	*	100.00	
2	76,640.	142.	1. 73	3.96	131.50	2	4.00	128.730	~	98.00	
2	2	143.	1.74	3.98	133.00	*	~	123. 315	1	96.40	
2	3	130/	~	4.08	134.00	*	~	119.500	~	95.50	
2	•	145.	1.66	3.92	130.00	- V	~	1 4 1	*	90.70	
2			1.71	4.02	132.50	*		118.000	~	88.30	
2	6	~	1.87	4.14	131.00	~	 	~	~	88.30	
2	7	146.	1.90	4.20	132.50	~		1 1	~	86.80	
2	8	145.7	1.94	4.26	134.00	~	~	~	~	~	
2	9	145	1.90	4.20	132.50	8.50	4.10	119.500	28.5		
3		145.	1.99	4.38	132.00	7.90	3.60	121.455	28.5	88.80	
3	1										
Programme and the same							District Contract of the Contr			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	111111111111111

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS . MONTH: OCTOBER YEAR: 1984 DAILY RECORD Mm3/day

Source : MINISTRY OF IRRIGATION

HIGH ASWAN ASWAN ESNA BARRAGE NACA HAMADI BARRAGE ASSYUT BARRAGE BAHR DAM ASF DAM Kallab downstream WEST TZAJ DOWNSTREAM YUSEF I BRAHIMIA DOWNSTREAM downstream CANAL STORAGE CANAL CANAL CANAL CANAL 145. 76, 136. 1.99 4.38 132.0 7.5 3.0 120. 87.8 28.5 ~ repeated data 150. 2 2.01 4.42 133. 6.9 121.45 88.8 150. 2.06 4.52 136. 3 120.48 85.8 2.10 4.60 138. 120.48 ~ 140. 4.68 2.14 140. 122.42 90.8 2.09 4.58 137.5 126.30 93.5 7 145. 1.92 4.34 133.5 126.30 ~ 93.5 1.88 8 2 4.26 131.5 123.39 95.5 1.90 149. 4.30 121.45 132.5 9 ~ 1.85 148. 4.20 10 135.0 121.45 93.5 ~ 76,136. 148. 1.89 4.28 137.0 123.88 6.6 96.8 170. 1.89 6.2 12 125.33 N 27 93.5 144. 2.05 4.60 145. 125.33 13 96.0 165. 4:42 14 2.16 143. 5.8 132.60 2.8 26.5 96.9 149. 15 2.16 143. 134.55 25.5 101.1 2.16 145 141.5 16 4.36 ~ 106.3 145. 2.17 140. 17 4.34 2 133.58 18 140. 2.15 4.30 139. 131.15 25.0 2.10 19 4.20 136.5 129.21 24.0 105.6 N 137.5 2.12 4.24 129.70 20 2.6 24.0 103.7 76,100. 135. 1.98 3.98 137. 21 126.30 145. 1.88 131.5 3.76 22 100.5 149. ~ ~ 23 N N 127.76 23.5 98.6 152. 137.5 2.02 ~ 24 122.42 98.6 N 152. 2.05 4.06 139. ~ 25 98.6 150. 2.08 140.5 4.12 N 127.27 26 N 96. ~ 140.5 135. 4.12 N ~ N 27 1.67 134. 3.74 ~ N 28 128.73 100.5 1.59 3.58 130. 6.9 29 3.3 126.30 N 100.5 133. 1.54 3.48 127.5 30 6.9 120. LOS 100.5 134. 1.62 3.84 123.5 6.9 114. 31 95.

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS - MONTH: NOVEHBERYEAR: 1384 DAILY RECORD Mm3/day

Source : MINISTRY OF IRRIGATION

HIGH ASWAN ASWAN NACA HAMADI BARRAGE ESNA BARRAGE A SSYUT BARRAGE BAHR D MAG DAM ASF Kallab downstream WEST FAST DOWNSTREAM I BRAHIMIA DOWNSTREAM YUSEF CANAL y downstream CANAL CANAL LAWAL STORAGE CANAL 75 524. 130. 1. 62 3.84 123.5 6.9 3.3 112. 23.5 90.8 ~ repeated data 1.11 121. 3.74 3.3 115. 2 ~ 85.1 1.54 3.68 119.5 3 109 87.8 119. 1.59 3.88 105. ~ 81.7 1.51 3.72 115. ~ 3.5 108. 5 7.5 82.7 ~ ~ N 6 80.7 ~ ~ 102.5 1.43 7 3.66 116.5 78.2 101.5 1.43 8 ~ 3.74 118.5 103. 24. 73. 1.47 74.4 9 1 3.80 120. ~ ~ 1.50 3.70 122.5 10 106. 73. 1 ~ 74,832. 135. 1.47 121. 11 3.94 107.5 73. 137. 1.51 4.02 123. N ~ 74.4 12 125. 1.54 4.08 124.5 108.5 76.1 13 1.56 122.5 4.22 110. 76.1 14 115. 1.51 4.12 110. 77.4 15 120. 79. 16 24.5 127. ~ 17 ~ 124. 1.48 3.96 119. N 77.4 18 106 117. 118.5 1.47 3.94 ~ 74.4 19 25. 119. 1.44 3.88 117. 74.4 20 1.50 73,824. 119. 4.00 N 21 76.1 117. 1.45 3.98 116.5 22 115. 1.44 3.88 114. N 74.4 24. 23 2 ~ N N N 77.4 24 ~ 3.74 1.42 115. 77.4 25 6.2 2.8 108. ~ 3.74 116. 23.1 79. 26 105.5 1.44 3.78 116. 80.5 107.5 22.9 27 3.72 ~ 1.41 116.5 ~ 109. 22. 80.5 28 N 147. 1.45 3.80 118.5 n 107. ~ 83.1 29 135. 4.14 1.62 127. 30 107. \sim 83.1 31

EGYPT ARAB REPUBLIC: NILE FLOW AT BARRAGES CANALS
- MONTH: DECEMBERY EAR: 1984 DAILY RECORD Mm3/day

Source Ministry of IRRIGATION

0	HIGH ASWAN	ASWAN	ESNA	BARRAGE		NAGA	AMADI BAR	RNGE	ASSYUT	BARRAGE	BAHR
A Y	STORAGE	DAM	AS F CANAL	CANAL	downstream	CANAL	TRAST	DOWNSTREAM	I BRAHIMIA	DOWNSTREAM	YUSEF
	73,178.	120.	1.68	4.26	130.	6.2	2.8	111,0	22.0	83.8	
2		129.	1.33	3.84	126.	5.6	~	116.5	2	2	
3		120.		3.74	123.5	~	~	120.0	2	89.3	
4		116.	1.53	3.66	120.5	5.0	2.5	116.5	~	93.5	
5		114.	1.42	3.54	117.5	~	~	115.0	~	~	
6		115.	~	3.54	~	~	~	111.0	~	92.4	
7		116.	1.41	3.52	117.0	~	~	108.0	~	89.3	
8		105.	1.39	3.48	116.0	~	~	109.0	21.0	88.3	
9		105.	1.38	3.46	115.0	~	~	108.5	~	86.4	
10		120.	~	~	~	~	~	106.5	20.0	87.2	
11	74,464.	125.	1.40	3.50	116.0	~	~	108.0	~	87.2	
12		116.	1.46	3.65	119.0	~	~	109.0	~	83.8	
13		119.	1.42	3.56	117.0	~	~	111.0	~	~	
14		135.	1.38	3.46	115.0	~	~	~	~	87.2	
15		145.	1.46	3.62	119.0	~	~	~	~	89.3	
16		130.	1.78	3.96	125.0	~	~	~	~	89.3	
17		130.	~	~	128.0	~	00	119.0	~	87.2	
18		122.	1.76	3.92	127.0	~	~	120.0	~	92.4	
19		115.	1.45	3.48	124.0	~	~	119.0	~	96.0	
20		110.	1.44	3.28	119.0	~	~	118.0	~	96.0	
21	71,512.	113.	1.38	3.16	116.0	~	(2.5	113.0	~	96.0	
22		115.	1.33	3.06	113.5	7.5	4.0	109.6	*	89.3	
23		123.	1.25	2.70	111.0	8.8	4.0	106.5	~	87.2	
24		115.	1.30	2.80	113.5	10.2	4.4	100.0	~	80.5	
25		144.	~	~	113.5	10.4	4.5	95.0	22.5	73.0	
26		113.	1.15	2.50	101.	~	~	99.0	24.0	70.0	
27		110.	1.17	2.54	112.		~ ·	97.0	26.0	62.8	
28		109.	1.68	2.56	112.5	~	~	96.0	27.0	62.8	
29		114.	1.10	2-50	112.	1.2	~	96.0	21.5	62.8	
30		110.	1.15	2.60	115.	~	~	93.5	***************************************	61.6	
31		109.	1.18	.2.66	116.5	112	~	95.0	~	60.0	

~ repeated data

closed