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MINISTÈRE DE L'ÉCONOMIE RURALE
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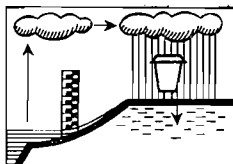
Convention TOGO—ORSTOM
du 26-01-1973

ANNALES HYDROLOGIQUES DU TOGO

depuis la création des stations
jusqu'à l'année hydrologique 1970-71

TOME I

**Bassin du MONO
Bassin du LAC-TOGO**



OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER
BUREAU CENTRAL HYDROLOGIQUE - PARIS
CENTRE O.R.S.T.O.M. DE LOME (TOGO)



Décembre 1973

S O M M A I R E (Tome I)

	Pages
- Introduction	1
- Classement et codage des stations hydrométriques	4
- Quelques notes concernant le traitement automatique des données	6
- Bibliographie	10
- Carte des stations hydrométriques	11

BASSIN DU MONO (code 40) 13

- Mono	à	ATHIEME (Dahomey)	(11 - 40 - 01 - 07)	15
- Mono	à	CORREKOPE	(47 - 40 - 01 - 09)	47
- Mono	à	DOTAIKOPE	(" " 01 - 11)	67
- Mono	à	N°GAMBOTO	(" " 01 - 15)	81
- Mono	à	TETETOU	(" " 01 - 17)	91
- Amou	à	AMOU-OBLO	(" " 05 - 05)	115
- Amou	à	GLEI	(" " 05 - 10)	133
- Anié	à	ANIÉ-GARE	(" " 10 - 03)	143
- Anié	à	ANIE PONT C.F.T.	(" " 10 - 09)	159
- Anié	à	BLITTA-GARE	(" " 10 - 06)	169
- Chra	à	CHRA	(" " 15 - 05)	181
- Kolowaré	à	KOLOWARE	(" " 20 - 03)	191
- Nâ	à	PARATAO	(" " 22 - 03)	209
- Ogou	à	SIRKA	(" " 25 - 05)	225

BASSIN DU LAC TOGO (code 34) 243

- Haho	à	GATI	(47 - 34 - 15 - 06)	245
- Sio	à	KPEDJI	(" " 22 - 05)	259
- Sio	à	TOGSLEKOPE	(" " 22 - 09)	279

BASSIN DE LA VOLTA (code 27)

voir ANNALES - Tome II.

INTRODUCTION

Les présentes Annales font suite aux documents suivants et les complètent pour partie :

- Annuaire Hydrologique du Togo - Année 1961 - ORSTOM LOME - Mars 1963 (1 Bibliographie)
- Les stations Hydrologiques du Togo - Description - Caractéristiques annuelles - Hauteurs et débits classés (Mise à jour 1965) ORSTOM LOME - 1966 (2 - Bibliographie)

Elles répondent aux termes de la convention signée le 26 Janvier 1973 par la République du TOGO et l' ORSTOM qui stipule dans son article 2 (6ème paragraphe) :

" L' O.R.S.T.O.M. publiera, au minimum tous les deux ans, conjointement avec la Direction du Génie Rural, un annuaire hydrologique du TOGO".

En fait, d'un commun accord, il a paru plus intéressant d'utiliser au maximum les avantages de l'informatique pour publier des annales où

serait exploité l'ensemble de la documentation archivée depuis la création des stations jusqu'à l'année hydrologique 1970 - 71.

Pour des raisons d'ordre pratique ces annales comprennent deux tomes :

Tome 1 : Bassin du Mono - Bassin du Lac Togo

Tome 2 : Bassin de la Volta.

Ces documents fournissent les résultats de base de 30 stations de jaugeage parmi lesquelles, à la date de rédaction du rapport :

- 7 stations sont gérées par la Direction du Génie Rural du TOGO
- 23 le sont par la Section Hydrologique de l' O.R.S.T.O.M.
(dont une station actuellement abandonnée : ALEHERIDE).

Les trente stations retenues, sur 50 actuellement en service, sont celles pour lesquelles une traduction hauteur-débit a été possible; elles couvrent en fait très bien l'ensemble du territoire, si l'on exclut les stations situées sur lacs et lagunes et les stations secondaires placées dans des plaines de débordement.

Pour chaque station répertoriée dans l'ordre de code mécanographique adopté, nous donnons :

- La présentation de la station et de son bassin versant; mise à jour du document édité en 1966.
- Une carte du bassin versant.

- Année par année, les tableaux des débits journaliers, mensuels et annuels, photocopies des sorties d'imprimante d'ordinateur du programme P/H 304 du Service Hydrologique Central de l'ORSTOM.

Dans le but de ne pas alourdir les ouvrages, les résultats de jaugeage et les courbes de tarage (qui sont parfois nombreuses pour une même station) n'ont pas été publiés, mais ces données et les sorties d'ordinateur de mise en parabole des courbes peuvent être consultées au Centre O.R.S.T.O.M. de LOME.

Les résultats sont présentés par année hydrologique, qui par définition commence et se termine à un moment où l'alimentation en eau des rivières par la pluie et les sources est minimum. Pour l'ensemble du territoire togolais, il a été choisi pour toutes les stations une année hydrologique "moyenne" allant de Mars à Février.

Il n'est peut-être pas vain de souligner ici que ces annales sont d'un abord plus difficile pour un public relativement pressé, que le volume publié en 1966.

- Ce dernier donnait en effet des caractéristiques hydrométriques moyennes, des tableaux directement utilisables par le chargé de projet.

- Ici, si nous avons bénéficié de l'avantage de l'informatique (travail abondant, exact et rapide), nous en avons aussi subi la conséquence suivante : lorsqu'il y a lacune dans les relevés de hauteur d'eau, il y a lacune dans les débits, ce qui exclut alors le calcul de moyennes mensuelles et annuelles. Ou bien lorsque le programme prévoit le comblement de la lacune, ce comblement a été fait automatiquement par interpolation linéaire, sans tenter par exemple de corrélation avec une station voisine, travail qui ne peut être fait que manuellement.

Ceci est vrai principalement pour le tome II, sur le bassin de la VOLTA, là où les stations assez éloignées des Services Centralisateurs n'ont pas pu être suivies aussi parfaitement qu'il aurait été souhaitable.

Enfin nous devons préciser que tout le mérite du travail laborieux de bureau (préparation et vérification des données, perforation des cartes, tracé des courbes de tarage, passage à l'ordinateur etc ...) revient à l'équipe informatique du Service Central Hydrologique de l' O.R.S.T.O.M PARIS - , et plus particulièrement à J. SIRCOULON, adjoint au chef du Département de la Recherche Fondamentale, et à J. FEAT, hydrologue qui a séjourné plusieurs années au TOGO.

Le 20 Août 1973

Y. L' HOTE
Chef de la Section Hydrologie,
Centre O.R.S.T.O.M. de LOME

CLASSEMENT ET CODAGE DES STATIONS HYDROMETRIQUES

Dans les annales, les stations sont répertoriées dans un ordre qui correspond au codage adopté par l'ORSTOM pour les stations hydrométriques du Continent africain. Ce codage a été défini, pour les stations existant au Togo, dans l'opuscule : "Codage des stations hydrométriques du Togo" - Centre ORSTOM - LOME - 1969 (3 Bibliographie). Rappelons succinctement que chaque station est parfaitement déterminée par 8 chiffres seulement :

- Code "Etat "

Les deux premiers chiffres désignent l'Etat dans l'ordre alphabétique adopté pour les Etats d'Afrique :

11 pour le Dahomey (station d'Athiémé)

47 pour le Togo.

- Code "bassin "

Les deux chiffres suivants désignent un ensemble hydrographique jusqu'à son exutoire à la mer. Les numéros 01 à 29 ayant été réservés pour les grands bassins situés sur plusieurs territoires. On a ainsi pour le Togo :

Volta	27
Lagune d'Anécho	33
Lac Togo	34
Mono	40

-Code "rivière"

Le numéro 01 est réservé au fleuve principal du bassin (qui donne son nom au bassin) -

ainsi : 01 pour le Mono

Ensuite on classe les cours d'eau en affluents du 1er, 2ème, 3ème ordres etc ...

au 1er ordre correspondent les numéros	10 à 29
au 2ème ordre correspondent les numéros	30 à 59
au 3ème ordre et plus, correspondent les numéros	60 à 89

Les numéros 90 à 99 ont été réservés pour les lacs, effluents etc
par exemple : 90 pour une station située sur le Lac Togo.

- Code "station"

Toutes les stations situées sur une même rivière (même code "rivière") sont classées par ordre alphabétique et numérotées dans cet ordre de 01 à 99 en laissant des créneaux pour les stations nouvelles éventuelles.

On obtient, ainsi, pour les stations traitées dans ces annales, une liste que l'on retrouvera dans le sommaire ci-dessus. Cette liste reproduit pour partie les deux tableaux de l'opuscule de 1969 déjà cité, aux modifications près suivantes :

- 1) La station installée par le Service du Génie Rural le 11.05.1972 sur la Kara à N^oNABOUI (près de NAMOUK) prendra le numéro 47 27 39 13
- 2) La station installée par le même Service le 23.03.1972 sur le Yoto à YOTKOPE prendra le numéro 47 34 36 07
- 3) La station de la Daye à DZOGBEGAN, qui passera dans le réseau général du Togo au début de l'année 1974, a déjà reçu une codification spéciale à 7 chiffres, correspondant aux bassins versants représentatifs - Soit : 47 27 906.

Pour plus de précisions concernant ce paragraphe, on voudra bien se reporter à l'article de M. ROCHE "Traitement automatique des données hydrométriques et des données pluviométriques au Service Hydrologique de l' O.R.S.T.O.M. " Cahiers ORSTOM, série Hydrologie, Volume V, n° 3, 1968 (4 Bibliographie).

C'est au cours de l'année 1967 que le Comité Technique d'Hydrologie de l'ORSTOM a décidé de moderniser ses méthodes de calcul et de gestion en faisant appel au calcul automatique. La carte perforée a été choisie comme support de base, avec pour principal avantage de permettre une vérification des données effectuée par une personne différente de celle qui a procédé à la première perforation.

1) Le support des données de relevés de hauteur d'eau - Carte C/H 301

Chaque carte, outre le numéro d'identification de la station à 8 chiffres et un repère de temps (année et mois), comprend :

- Un indicatif de variation d'étalonnage dans la carte
- 16 champs de 4 colonnes permettant la perforation de 16 hauteurs d'eau exprimées en centimètres, avec possibilité de donner des valeurs négatives. Soit une plage allant de + 99,98 mètres à - 9,98 mètres.

Grâce à la combinaison de quatre variables perforées (année, mois, groupe et cas) pour définir la position de chaque relevé dans le temps, il est possible d'enregistrer de 1 à 16 relevés de hauteur d'eau par jour.

2) Le programme P/H 302, de mise en équation des courbes d'étalonnage

La (ou les) courbes de tarage d'une station sont tracées manuellement par l'hydrologue d'après les résultats des jaugeages et cela jusqu'aux points minimum et maximum pouvant être atteints (extrapolations vers le bas et vers le haut)

Ensuite, et ensuite seulement, la courbe est tronçonnée par l'hydrologue en un nombre suffisant de paraboles du second degré pour que l'ensemble de ces paraboles reproduise la courbe d'étalonnage sans erreur appréciable.

Le programme établi permet d'aller jusqu'à 15 tronçons définis par trois points judicieusement choisis : deux points extrêmes et un point intermédiaire.

Après passage du programme P/H 302 à l'ordinateur, on dispose pour chaque étalonnage :

- Sur imprimante :

- . pour chaque tronçon de parabole, des valeurs des coefficients de parabole correspondant aux trois ordres de l'équation du second degré
- . Du rappel des hauteurs limites choisies
- . D'un barème hauteur-débit, établi de 10 en 10 centimètres, le débit étant donné avec trois chiffres significatifs.

- Sur perforatrice : des cartes de différents modèles, qui, passées à l'ordinateur avec le programme suivant P/H 301, et les cartes de relevés de hauteur d'eau (C/H 301), permettent la transformation des hauteurs en débits.

3) Le programme P/H 301, de transformation des hauteurs en débits

Ce programme effectue les opérations suivantes :

- traduction des hauteurs en débits, calcul des débits moyens journaliers

- Calcul des débits moyens mensuels et annuel

Ces différents débits sont présentés sous forme de tableaux récapitulatifs annuels.

Lorsqu'il n'y a qu'un relevé par jour, c'est sa transformation en débit qui donne le débit moyen journalier. Lorsqu'il y a deux ou plusieurs relevés, le débit moyen journalier est la moyenne arithmétique des deux ou plusieurs débits correspondants. Ce procédé, dit "à pas de temps constant" devrait inciter à l'avenir à un choix des horaires de lecture bien repartis dans le temps : 6 heures et 18 heures, par exemple.

Après passage du programme PØH 301, on récupère en outre un certain nombre de cartes perforées qui seront utilisées dans le programme suivant, PØH 304 :

- 1 carte de débits moyens mensuels
- 22 cartes de débits moyens journaliers observés ou interpolés.

4) Le programme PØH 304 : calcul des débits en années hydrologiques, présentation en format 21x27

A partir des cartes sorties au programme PØH 301, le dernier programme utilisé, PØH 304, dispose les tableaux de débits en année hydrologique, précédemment choisie par l'hydrologue. De plus, le format réduit retenu (21x27 cm.) permet une insertion directe des tableaux dans l'annuaire, par procédé photographique, en évitant ainsi toute erreur de recopie.

Dans les annales, ce sont les tableaux sortis avec ce programme qui sont présentés. Sur ces tableaux, on note les points suivants :

- les débits sont exprimés avec trois chiffres significatifs
- Un débit nul est imprimé . 000
- Un débit manquant est remplacé par un blanc.

Toutefois, avant passage du programme final PØH 304, l'hydrologue est intervenu en vérifiant si les débits mensuels interpolés sont valables. Dans le cas contraire, il a supprimé les valeurs erronées. Ainsi tous les débits moyens mensuels fournis dans ces annales et qui ont été interpolés, peuvent être considérés comme des valeurs estimées au mieux.

Enfin, concernant le traitement automatique des données, il faut signaler qu'il n'a pas été possible, pour des raisons matérielles, de mettre en oeuvre un programme dit "à pas de temps variable", et prenant en compte les relevés limnigraphiques, plus précis que les relevés d'un observateur aux échelles limnimétriques.

Ainsi la station d' AMOU - OBLO, où il existe un limnigraphe, a été traitée en ne prenant que deux relevés par jour, alors qu'on pourrait espérer des résultats plus précis en utilisant un programme à pas de temps variable.

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RESEAU HYDROMETRIQUE DU TOGO

(STATIONS EN SERVICE)

BASSIN DU MONO (Code 47-40)

- 01-07 Mono à Agomé-Sévo
- + 11-400107 Mono à Athiémé (Dahomey)
- + 01-08 Mono à Corrékopé
- + 01-14 Mono à Dolaikopé
- 01-13 Mono à Kpondavé
- + 01-15 Mono à N'Gamboto
- + 01-17 Mono à Téletou
- + 03-05 Amou à Amou-Oblo
- + 03-10 Amou à Gléi
- 33-03 Amoulchou à Ebévo
- + 10-03 Anié à Anié Gare
- + 10-06 Anié à Bliito
- + 10-09 Anié à Anié Pont CFT
- + 13-03 Chro à Chro
- + 20-03 Kolowaré à Kolowaré
- + 22-03 Na à Paratao
- + 25-03 Ogou à Sirka

BASSIN DE LA LAGUNE D'ANECHO (Code 47-33)

- 33-20 Gbaga à Pont de Zébé

BASSIN DU LAC TOGO (Code 47-34)

- + 15-06 Haho à Gati
- 33-03 Lili à Agbatopé
- 22-03 Sio à Kati
- + 22-05 Sio à Kpédji
- 22-07 Sio à Lébé
- + 22-08 Sio à Togblékopé
- 36-07 Yoto à Yotokopé

- 30-03 Lac Togo à Kpémé

- 30-07 Lac Togo à Sevo-Tonou

BASSIN DE LA VOLTA (Code 47-27)

- + 11-03 Oti à Mundouri
- + 11-06 Oti à Sansanné-Mango
- + 63-03 Boualé à Alchéridé
- 17-05 Gbanhou à Brouffou
- 69-03 Kama à Bassari
- + 39-05 Kara à Kpessidé
- + 39-10 Kara à Lama-Kara
- 39-13 Kara à N'haboupi
- + 40-03 Kéran à Naboulgou
- + 40-06 Kéran à Titira
- + 42-03 Koimépouarbaga à Nagbéné
- + 44-03 Koumangou à Koumangou
- + 75-03 Koupéni à Naboulgou
- + 78-03 Kpaya à Atchangbade
- + 81-03 Kpélou à Kpessidé
- + 84-03 Laktaon à Barkoissi
- 51-05 M8 à Bongoulou
- 54-03 Naméni à Mango
- 60-03 Sossargou à Borgou
- 88-03 Yowéni à Païo

- 4727306 Daye à Dzogbegan (Bassin représentatif)

+ Station étudiée dans les annales
Echelle: 1/2 125 000.

Oct. 1973

- Station étudiée dans les annales
- Station non étudiée
- ◆ Station abandonnée

BASSIN DU MOND

Code : 11 40 01 07

Bassin versant : 21 475 Km²

CARACTERISTIQUES DE LA STATION :

Station gérée par la mission hydrologique de l' O.R.S.T.O.M. au DAHOMEY, avec participation financière du Service de l'Hydraulique de cet Etat.

Coordonnées : 6° 35'N - 1° 40' E

Cote du zéro de l'échelle : 8,20 m, en nivellement I.G.N.

Accès : Accès par le DAHOMEY; la station est située près des bureaux de la sous-préfecture d'Athiémé, au passage à gué vers le Togo.

Installations :

Une première échelle, installée le 1er Juillet 1944 par le Service des Travaux Publics du DAHOMEY, a été exploitée jusqu'en 1950. L'échelle actuelle a été posée le 4 Avril 1951 par le Service de l'Hydraulique. Le rattachement de l'ancienne échelle à la nouvelle a été fait à posteriori, en se basant notamment sur une note de R. GRIVOT (S-Bibliographie) donnant une description très détaillée de la crue de 1944. L'analyse de cette note, et la comparaison avec la crue de 1963 permettent d'estimer que le zéro de l'échelle de 1944 était calé 0,45 mètre plus haut que celui de l'échelle actuelle, à moins de 10 centimètres près.

Aujourd'hui, l'échelle montée sur fer IPN, est tronçonnée en 5 parties : 0-1 m 1-2 m 2-4 m 4-6 m et 6-9 m.

Cette échelle a été remise en état en Mars 1961, Décembre 1964, Janvier 1965, Octobre 1968, Janvier et Novembre 1969, enfin Février 1971. On trouvera plus de détails sur ces travaux dans les archives tenues par l'ORSTOM.

La borne-repère initiale a été remplacée récemment le 3 juin 1973. Le repère de la nouvelle borne est situé à la cote 8,109 mètres à l'échelle.

Lectures :

- La mission catholique d'ATHIEME, fondée en 1894, possède un journal donnant pour certaines années (1931 à 1935) des repères d'inondation qui ont été nivelés et rattachés à l'échelle.
- Pour l'ancienne échelle, de 1944 à 1950, les lectures sont irrégulières, mais correspondent heureusement aux périodes de hautes-eaux.
- Depuis le 5 Avril 1951, les lectures sont faites une fois par jour, le matin, et deux fois (matin et soir) en cas de crue. Les relevés sont incomplets de 1965 à 1969.

Jaugeages et courbes de tarage

De 1951 au 20 Août 1973, 41 jaugeages ont été effectués à ATHIEME, avec les extrêmes suivants :

- minimum jaugé : 385 litres/s le 23-4-1962 (cote 10,5 cm)
- maximum : 790 m³/s le 5-8-1963 (cote 749,5 cm)

En fait, les jaugeages de basses-eaux doivent être refaits assez souvent, car la section est instable (bancs de sable).

Pour le passage à l'ordinateur, il a été retenu 3 courbes de tarage se repartissant dans le temps comme suit :

- étalonnage n° 1 - 1951 à 1952
- étalonnage n° 2 - de décembre 1952 à Juin 1961
- étalonnage n° 3 - depuis 1961.

Les relevés de 1944 à 1950 ont été traduits avec la courbe n° 1

CARACTERISTIQUES DU BASSIN

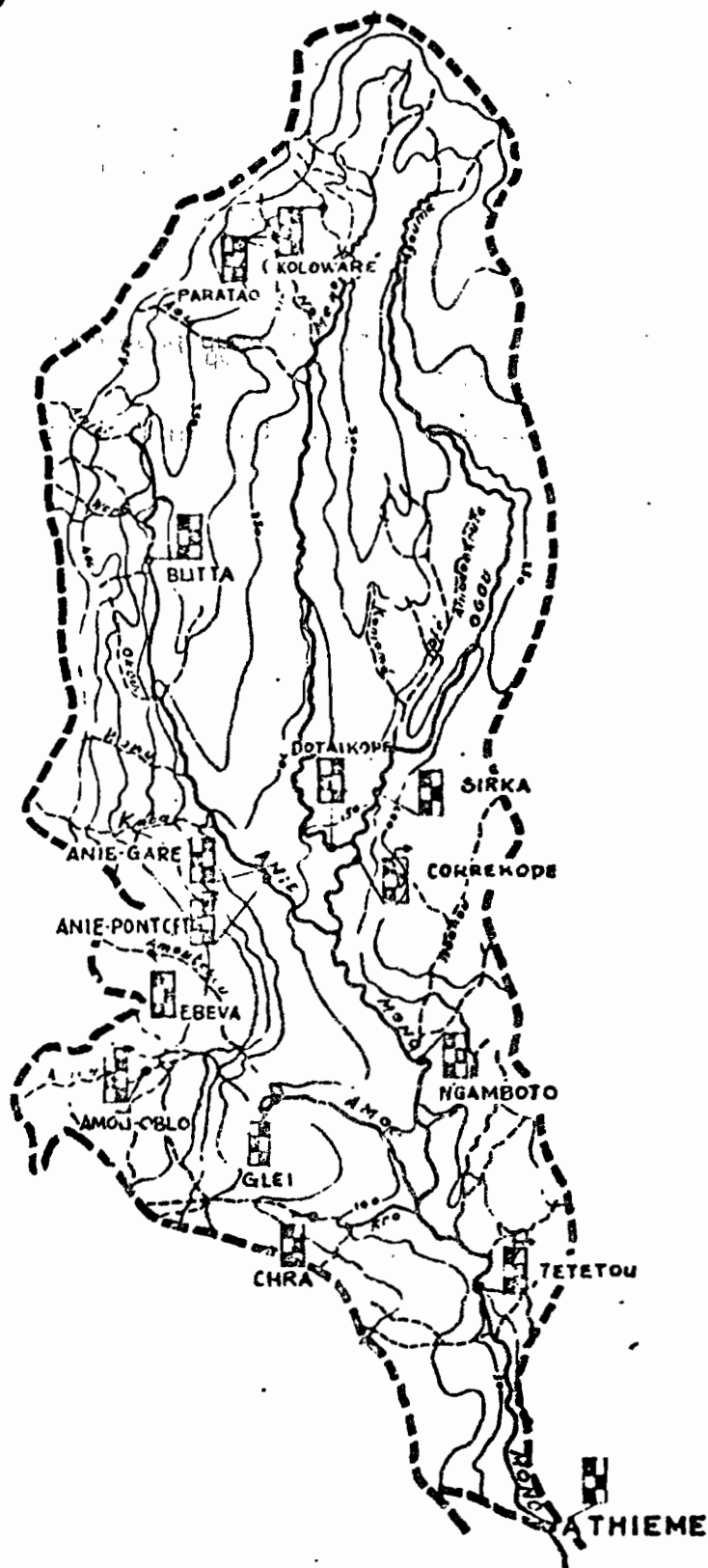
Hypsométrie

de 800 à 450 m	4,9 %
de 450 à 250 m	47,6 %
de 250 à 150 m	29,5 %
de 150 à 50 m	17,5 %
de 50 à 8 m	0,5 %

MONO A ATHIEME

BASSIN VERSANT=21.475Km²

NORD



Echelle: 1:1.500.000

12

ORSTOM

COMPLEMENTS : 21-11-73
DATE: 28 4 /65

DESSINE: M. Sossah.

D 255 H

Relief et Géologie

Le relief est monotone à l'est (précambrien granito-gneissique). Il est plus accentué à l'ouest (Monts Togo) et au nord (Atakora) : quartzites et schistes. Au sud le bassin touche la zone sédimentaire, et le fleuve s'étale dans un delta alluvionnaire.

Végétation

Savane arborée sur la majeure partie du bassin, beaucoup plus dense à l'ouest, avec même des lambeaux de forêt. Galerie forestière, assez étroite par endroits, le long du Mono et de ses principaux affluents.

STATION : CAHCHEY

MONO

MCNO

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1944-1945 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1					59.5	101.	649.	207.	132.	23.7	13.4	
2					83.3	108.	659.	259.	97.0	23.7	13.4	
3					79.5	106.	679.	300.	83.0	23.7	13.4	
4						58.8	699.	453.	79.5	23.7	13.4	
5						155.	699.	575.	74.0	23.7	13.4	
6						144.	468.	640.	68.0	23.7	13.4	
7						124.	397.	640.	69.3	23.7	13.4	
8						112.	397.	453.	62.7	23.7	13.4	
9						58.8	483.	306.	56.3	21.0	13.4	
10						93.4	475.	254.	53.1	21.0	13.4	
11						148.	453.	227.	53.1	18.2	13.4	
12						159.	453.	227.	50.0	18.2	13.4	
13						178.	417.	249.	46.9	18.2	13.4	
14						321.	356.	276.	43.9	18.2	11.3	
15						262.	431.	294.	40.9	18.2	11.3	
16						312.	532.	306.	37.9	18.2	11.3	
17						360.	557.	306.	35.0	18.2	11.3	
18						464.	557.	227.	32.1	15.7	11.3	
19						515.	483.	187.	27.3	15.7	11.3	
20						553.	410.	164.	26.5	15.7	11.3	
21						588.	483.	150.	26.5	15.7	9.37	
22						549.	515.	141.	23.7	15.7	9.37	
23						659.	468.	132.	23.7	15.7	9.37	
24						730.	424.	238.	21.5	15.7		
25						747.	369.	173.	21.0	15.7		
26						699.	330.	141.	18.2	15.7		
27						679.	288.	157.	18.2	15.7		
28						695.	259.	148.	18.2	15.7		
29						714.	227.	132.	18.2	14.3		
30						121.	709.	227.	113.	18.2	14.3	
31						110.	685.	104.		13.4		
MOY						383.	461.	264.	46.0	18.5		

STATION : DAHOMÉY

MONO

MCNO

AT-PIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1945-1946 (M3/S)

	MAPS	AVRI	MAI	JUIN	JUIL	ACUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			23.7	29.3	29.3	217.	300.	318.	124.	35.0		76.1
2			21.0	23.7	32.1	222.	282.	369.	116.	35.0		
3			18.2	21.0	32.1	363.	243.	383.	120.	32.1		
4			13.4	18.2	26.5	424.	249.	294.	112.	32.1		
5			13.4	15.7		356.	259.	233.	101.	32.1		
6			11.3			294.	243.	207.		29.3		
7			11.3			222.	222.	238.		29.3		
8					43.9	222.	410.	254.		29.3		
9					101.	202.	566.	294.		26.5		
10					76.1	197.	621.	288.		26.5		
11					66.0	173.	593.	383.		23.7		
12					53.1	155.	640.	397.		23.7		
13					46.9	137.	602.	330.	69.3	23.7		
14					46.9	120.	468.	343.	69.3	23.7		
15					66.0	128.	438.	390.	66.0	23.7		
16					79.5	197.	417.	318.	62.7	23.7		
17					86.4	150.	383.	271.	59.5	23.7		76.1
18					128.	132.	318.	265.	56.3	23.7		
19					59.5	169.	324.	294.	53.1	21.0		
20					86.4	183.	330.	376.	53.1	21.0		
21					97.0	141.	383.	369.	50.0	21.0		
22					120.	132.	453.	499.	46.9	21.0		
23					236.	120.	468.	390.	46.9	21.0		
24		69.3			271.	150.	499.	306.	43.9	18.2		
25		42.4			383.	137.	523.	276.	43.9	18.2		
26		26.5			438.	120.	453.	244.	40.9	18.2		
27		19.6			438.	146.	593.	222.	40.9	18.2		
28		15.8			424.	132.	249.	192.	37.9	18.2		
29		13.4			369.	132.	238.	169.	37.9			
30		32.1		26.5	306.	124.	233.	146.	35.0	15.7		
31			26.5		243.	288.		132.		15.7		
MOY					145.	190.	400.	296.	69.4	23.9		

STATION : CAPMEY

MCNO

MCNO

ATHIEME

NUMERO : 1140C107

DEBITS MOYENS JOURNALIERS EN 1946-1947 (M3/S)

ANNEE	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	76.1	5.00			75.5			306.	159.			
2								259.	178.			
3								227.	159.			
4								227.	132.			
5								217.	116.			
6								271.	101.			
7								282.	79.5			
8								227.	72.7			
9								217.				
10								197.				
11					72.7			217.				
12					59.5			150.				
13					50.0		108.	207.				
14					40.9		178.	202.				
15							141.	183.				
16							169.	169.				
17							146.	207.				
18							155.	383.				
19							159.	306.				
20							132.	227.				
21							159.	300.				
22		29.3					141.	294.				
23	6.24	21.0					271.	217.				
24	28.2	13.4					204.	187.				
25	30.4	11.3					383.	155.				
26	23.7	9.37					356.	197.				
27	13.4	9.37					294.	306.				
28	11.3	9.37					288.	318.				
29	9.37	9.37					438.	294.				
30	7.70						438.	207.				
31								169.				
MOY								236.				

STATION : CAHOMÉY MONO MCNO ATPIEME
 NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1947-1948 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOV	DÉCE	JANV	FEVR
1						101.	689.	763.	137.			
2						491.	763.	679.	137.			
3						611.	785.	584.	178.			
4					46.9	566.	807.	566.	152.			
5					62.7	383.	818.	602.	137.			
6						318.	840.	659.	124.			
7							862.	621.	116.			
8							873.	584.	108.			
9							862.	584.	227.			
10				178.			851.	679.	217.			
11				116.		515.	851.	699.	150.			
12				159.		549.	873.	659.	124.			
13				124.		424.	884.	621.				
14				93.4		424.	873.	566.				
15				79.5	249.	640.	862.	532.				
16				62.7	549.	699.	829.	499.				
17				116.	369.	699.	829.	499.				
18				40.9		699.	851.	499.				
19				18.2	249.	709.	873.					
20						720.	873.	350.				
21						584.	884.	300.				
22							895.	282.				
23						602.	884.	238.				
24							873.	217.				
25						515.	873.	217.				
26						369.	884.	238.				
27						438.	895.	217.				
28						566.	873.	183.				
29						679.	851.	169.				
30					104.	741.	807.	150.				
31								137.				
MOY							849.	452.				

STATION : DAHCMEY

MONC

MONO

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1948-1949 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	ACUT	SEPT	CCTO	NOVE	CECE	JANV	FEVR
1						146.	575.	259.				
2						141.	532.	233.				
3						132.	566.					
4						178.	679.					
5					124.	330.	752.	207.				
6					137.	273.	785.	187.				
7					141.	207.	785.	178.				
8					169.	159.	752.					
9					159.	173.	621.					
10					197.	238.	431.					
11					187.	259.	343.					
12					159.	523.	330.					
13					137.	640.	318.					
14					178.	689.	369.					
15					294.	720.	453.					
16					282.	699.	483.					
17					233.	491.	397.					
18					187.	403.	515.	159.				
19					159.	383.						
20					169.	294.	763.					
21					137.	343.	584.					
22						453.	369.					
23						532.	350.					
24						566.	343.					
25					169.	602.	306.					
26					169.	515.	271.					
27					217.	383.	249.					
28					300.	356.	227.					
29					202.	515.	217.					
30				116.	169.	584.						
31					155.	602.						
MOY					173.	404.	475.					

STATION : CAHOMBY

MONO

MCNO

ATRIEME

NUMERO : 1140C1C7

DEBITS MOYENS JOURNALIERS EN 1949-1950 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVÉ	DECE	JANV	FEVR
1					330.	840.	660.					
2					370.	862.	714.					
3					456.	873.	714.					
4					386.	889.	750.					
5					359.	900.	757.					
6					255.	911.	715.					
7					166.	895.	537.					
8					294.	873.	460.					
9					263.	873.	464.					
10					472.	873.	479.					
11					575.	873.	479.					
12					557.	884.	475.					
13					602.	884.	464.					
14					669.	884.	445.					
15					654.	873.	376.					
16					488.	864.	417.					
17					318.	369.	862.	438.				
18					259.	397.	851.	353.				
19					132.	491.	851.					
20					169.	602.	818.	453.				
21					249.	621.	796.	516.				
22						659.	774.	417.				
23					159.	644.	763.	369.				
24						674.	752.	294.				
25					259.	709.	741.	350.				
26					369.	709.	714.	398.				
27					527.	720.	679.	277.				
28					584.	720.	725.	235.				
29					529.	752.	696.	220.				
30					352.	785.	714.	202.				
31					306.	812.						
MOY					307.	534.	826.					

STATION : CAHCHEY

MONO

MONO

ATTIEME

NUMERO : 1140C107

CEBITS MOYENS JOURNALIERS EN 1950-1951 (M3/S)

DATE	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
01					66.0	79.5	95.8	150.	159.			
02							101.	150.	159.			
03							108.	159.	159.			
04							169.	173.	150.			
05							112.	159.	150.			
06							90.1	164.	150.			
07							143.	159.	141.			
08							185.	159.	141.			
09							183.	159.	116.			01
10							190.	164.	116.			
11							192.	169.	116.			
12							187.	159.	116.			
13							192.	150.	116.			
14							173.	155.	116.			
15							192.	155.	116.			
16							183.	164.	108.			
17							164.	173.	72.7			
18							159.	155.	108.			
19							159.	150.	101.			
20							178.	159.	101.			
21							248.	159.	79.5			
22							233.	169.	62.7			
23							200.	159.	76.1			
24							159.	150.	62.7			
25							169.	141.	61.1			
26							150.	150.	62.7			
27							141.	141.	59.5			
28							150.	141.	59.5			
29						93.8	150.	141.				
30						93.8	141.	141.				
31						120.		155.				
MOY							163.	156.	105.			

STATION : DAHOMEY MCNO MCNC ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1951-1952 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			.431	6.24	15.7	91.6	155.	268.	515.	37.9	3.17	1.70
2			.407	9.37	17.5	93.4	159.	353.	341.	32.1	3.17	1.70
3			.451	9.37	30.7	76.1	238.	343.	370.	26.5	2.57	1.70
4			.406	9.37	36.5	71.0	279.	356.	373.	26.5	2.57	2.57
5		.548	.154	9.37	18.2	83.0	262.	380.	438.	26.5	2.57	2.57
6		.406	.364	9.37	18.2	118.	297.	302.	309.	22.4	2.57	2.57
7		.364	.548	6.24	37.9	120.	343.	257.	225.	18.2	2.57	2.57
8		.325	.364	7.70	43.9	120.	390.	197.	195.	15.7	2.57	2.20
9		.451	.364	7.70	29.3	120.	297.	169.	187.	13.4	2.57	2.20
10		.451	.364	7.70	15.7	126.	227.	159.	155.	13.4	2.57	2.20
11		.600	23.6	7.70	15.7	124.	190.	148.	132.	11.3	2.57	2.20
12		.600	23.7	5.00	15.7	128.	183.	128.	124.	11.3	2.57	2.39
13		.600	14.8	5.00	27.9	128.	190.	192.	112.	11.3	2.57	3.17
14		6.24	6.35	5.00	29.3	130.	233.	178.	101.	11.3	2.57	3.17
15		3.97	1.27	5.00	23.7	135.	279.	178.	93.4	9.37	2.57	3.17
16		2.57	1.27	2.57	45.9	128.	360.	200.	86.4	9.37	2.57	2.57
17		1.85	.902	2.57	178.	74.4	376.	207.	86.4	9.37	2.57	3.17
18		1.53	.934	2.57	126.	69.3	233.	169.	76.1	9.37	2.57	2.87
19		1.43	1.27	2.57	88.1	69.3	183.	152.	67.7	7.70	1.70	2.57
20		1.39	.902	1.27	64.4	69.3	166.	173.	64.4	7.70	1.70	2.20
21		1.04	1.15	1.27	51.6	69.3	197.	185.	61.1	7.70	1.70	2.20
22		.836	9.37	1.27	43.9	62.7	242.	207.	56.3	6.24	1.70	1.70
23		.600	5.00	1.27	39.4	62.7	390.	300.	57.9	6.24	1.70	1.27
24		.600	3.17	1.27	35.0	62.7	410.	324.	53.1	6.24	1.70	1.27
25		.600	6.24	1.27	32.1	69.3	380.	324.	51.6	6.24	1.70	1.27
26		.600	21.0	1.27	36.5	77.9	251.	326.	50.0	5.62	1.70	2.39
27		.600	21.0	18.6	35.0	76.2	200.	427.	48.5	5.00	1.70	2.14
28		.548	21.0	29.3	35.0	69.3	180.	438.	43.9	4.49	1.70	1.49
29		.364	15.7	18.3	57.9	69.4	197.	428.	40.9	3.97	1.70	1.27
30		.364	15.7	26.5	71.0	109.	238.	640.	37.9	3.57	1.70	
31			15.7		86.4	132.		584.		3.17	1.70	
MOY		1.06	6.90	7.40	45.2	94.7	258.	280.	152.	12.5	2.25	2.22

STATION : CAHOMBY MONO MONO ATHIEME

NUMERO : 114C0107

DEBITS MOYENS JOURNALIERS EN 1952-1953 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	ACUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.902	1.43	.406	1.27	17.0	193.	50.0	621.	183.	18.0	7.91	2.78
2	.902	1.43	.406	1.43	13.6	251.	50.0	709.	183.	15.2	7.91	2.78
3	.902	1.27	.406	1.43	32.1	217.	53.1	757.	128.	13.8	6.58	2.78
4	.902	1.27	.406	1.35	27.9	215.	53.1	741.	136.	11.8	6.58	2.60
5	1.27	1.27	.406	1.35	30.4	268.	56.3	544.	114.	11.8	5.50	2.60
6	1.27	1.27	.406	.902	42.4	260.	76.1	489.	104.	11.8	5.50	2.60
7	1.27	1.27	.406	.902	33.6	282.	76.1	475.	104.	11.1	5.50	2.55
8	1.27	1.11	.406	1.49	43.9	347.	202.	429.	126.	11.1	5.50	2.50
9	.902	1.11	.934	2.57	43.9	410.	184.	410.	146.	19.7	5.50	2.50
10	.902	1.11	1.73	3.17	89.9	346.	146.	523.	141.	21.1	5.20	2.55
11	.902	1.11	2.68	2.57	192.	259.	181.	507.	89.8	15.7	5.20	2.50
12	.655	.902	5.00	3.09	135.	183.	324.	507.	84.7	14.5	5.20	2.50
13	.655	.902	4.08	4.49	119.	173.	260.	515.	76.1	14.5	5.20	2.50
14	.655	.902	3.17	3.97	121.	222.	171.	523.	69.3	11.3	5.20	2.50
15	2.64	.902	2.45	3.97	169.	149.	198.	479.	69.3	10.4	4.39	2.96
16	3.81	.902	2.32	5.00	164.	120.	245.	417.	69.3	9.48	7.63	3.14
17	2.33	.636	2.45	6.35	123.	119.	315.	397.	66.0	9.48	5.20	2.78
18	2.33	.713	2.57	9.37	139.	132.	352.	523.	57.9	9.48	5.20	2.78
19	1.80	.713	5.11	6.24	136.	150.	343.	523.	53.1	8.70	4.14	2.78
20	1.80	.713	6.24	6.24	128.	124.	373.	373.	50.0	7.91	3.32	2.78
21	1.27	.713	2.57	6.24	120.	104.	417.	350.	45.4	7.91	3.32	2.78
22	2.20	.600	2.57	5.62	168.	96.2	347.	251.	37.9	7.25	3.14	3.14
23	1.89	.600	2.57	2.32	169.	89.8	432.	235.	37.9	6.58	2.78	3.14
24	2.20	.600	2.32	29.2	190.	81.3	532.	222.	37.3	7.25	2.78	3.14
25	2.20	.498	2.32	41.1	135.	74.4	579.	212.	32.1	27.9	2.78	2.78
26	4.78	.498	1.61	14.5	129.	68.0	557.	197.	32.1	23.7	2.78	2.78
27	3.46	.498	1.61	11.3	128.	68.0	459.	212.	31.5	15.7	2.78	2.78
28	2.90	.406	1.52	12.3	91.6	69.3	390.	197.	31.0	13.4	2.78	2.78
29	2.90	.406	1.43	13.4	134.	62.1	415.	183.	29.3	12.3	2.78	
30	2.20	.406	1.27	13.4	164.	56.3	523.	183.	26.5	11.3	2.78	
31	1.80		1.27		158.	56.3		183.		11.3	2.78	
MOY	1.80	.879	2.03	7.22	109.	169.	279.	416.	79.7	13.0	4.64	2.74

DEBIT MOYEN ANNUEL 91.1 M3/S

STATION : CAHONEY MCNO MONO ATTIEME

NUMERO : 114C01C7

DEBITS MOYENS JOURNALIERS EN 1953-1954 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	22.2	4.14	2.78	75.5	97.0	754.	312.	217.	139.	16.9	3.14	2.84
2	18.2	4.14	2.78	50.6	101.	684.	259.	190.	110.	11.3	3.14	2.84
3	15.8	3.32	2.37	40.9	110.	597.	212.	268.	86.4	11.3	3.14	2.84
4	13.4	3.14	2.23	47.6	112.	577.	249.	265.	81.3	9.61	3.14	2.84
5	16.9	3.14	2.23	50.2	118.	640.	288.	246.	69.3	7.91	3.14	2.84
6	19.6	3.14	2.10	53.3	148.	691.	251.	246.	56.4	7.91	3.14	2.50
7	26.6	3.14	2.10	76.1	118.	699.	243.	217.	50.0	7.91	3.14	2.50
8	46.9	3.64	2.10	101.	124.	669.	241.	185.	48.5	7.91	3.14	2.50
9	45.4	2.78	2.10	162.	146.	593.	243.	228.	43.9	6.58	3.14	2.50
10	27.9		1.97	135.	133.	575.	300.	215.	46.9	6.58	3.14	2.50
11	19.6	2.50	1.97	225.	203.	519.	370.	245.	61.1	6.58	3.14	2.50
12	18.2	2.50	1.97	176.	330.	487.	387.	386.	62.7	6.58	3.14	2.50
13	18.2	2.50	1.83	120.	375.	431.	288.	380.	62.7	5.50	3.14	2.50
14	11.3	2.50	1.97	310.	340.	400.	299.	300.	62.7	5.14	3.14	2.50
15	11.3	2.50	2.50	220.	347.	360.	330.	262.	43.9	4.78	3.14	2.50
16	8.70	2.50	2.60	177.	407.	257.	430.	227.	42.4	4.78	3.14	2.50
17	6.58	2.50	2.60	113.	318.	235.	489.	185.	37.9	4.78	3.14	2.50
18	6.58	2.50	2.50	104.	259.	187.	489.	188.	37.9	4.46	3.14	2.50
19	13.4	2.50	14.5	101.	249.	183.	468.	220.	32.1	4.14	3.14	2.17
20	13.4	2.50	5.14	93.4	241.	169.	468.	225.	32.1	4.14	3.14	2.17
21	6.58	2.50	3.60	93.4	300.	157.	300.	195.	32.1	4.14	2.99	2.17
22	6.58	2.82	3.41	89.8	259.	155.	460.	230.	29.3	4.14	2.99	2.17
23	6.58	3.14	4.45	127.	246.	155.	380.	227.	29.3	3.60	2.99	2.17
24	6.58	3.14	5.50	127.	288.	155.	337.	217.	29.3	3.60	2.99	2.17
25	5.90	2.78	4.94	127.	251.	233.	288.	183.	29.3	3.60	2.84	1.97
26	5.50	2.78	13.4	137.	242.	371.	274.	159.	22.4	3.60	2.84	1.97
27	5.50	3.37	7.91	110.	493.	300.	273.	137.	21.0	3.60	2.84	1.97
28	5.20	4.14	18.2	138.	628.	282.	262.	124.	18.3	3.60	2.84	1.97
29	4.92	3.76	22.3	183.	701.	312.	271.	108.	15.7	3.60	2.84	
30	4.64	3.07	34.6	104.	757.	312.	268.	97.0	15.7	3.14	2.84	
31	4.64		91.1		775.	312.		97.0		3.14	2.84	
MOY	14.3	2.99	8.70	122.	297.	402.	324.	215.	48.3	5.96	3.06	2.41

DEBIT MOYEN ANNUEL

121. M3/S

STATION : DAHOMEY

MCNC

MONO

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1954-1955 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.83	3.60	2.50	7.91	146.	120.	76.1	98.8	173.	42.4	3.32	2.78
2	1.83	3.60	2.50	7.91	141.	120.	91.6	101.	173.	35.0	3.32	2.78
3	1.70	4.14	2.50	6.58	150.	120.	183.	101.	164.	29.8	3.32	2.78
4	1.70	3.87	3.14	8.70	150.	112.	215.	104.	152.	26.5	3.32	2.78
5	1.70	3.87	3.14	15.8	146.	112.	171.	104.	120.	26.5	3.32	2.99
6	1.70	3.60	4.14	26.5	146.	108.	133.	104.	110.	26.5	3.32	2.99
7	1.70	3.19	3.64	32.1	128.	101.	86.4	133.	104.	26.5	3.32	2.99
8	1.57	3.14	3.14	26.5	56.3	97.0	123.	202.	97.0	26.5	3.32	2.99
9	1.57	3.14	4.14	26.5	56.3	97.0	171.	215.	90.0	23.7	3.32	2.99
10	1.57	2.99	3.64	35.0	52.5	97.0	148.	230.	90.0	18.2	3.32	2.99
11	1.57	3.14	3.64	56.8	50.0	97.0	111.	456.	79.5	18.2	3.32	2.99
12	1.57	3.14	3.14	76.1	71.0	97.0	93.4	543.	69.3	18.2	3.32	2.99
13	1.57	3.60	3.14	120.	71.0	104.	87.1	591.	56.3	18.2	3.32	2.99
14	1.57	3.60	3.14	86.4	69.3	104.	95.2	621.	56.3	18.2	3.32	2.99
15	1.57	3.14	4.14	83.0	69.3	104.	101.	560.	57.9	18.2	3.32	2.99
16	1.70	3.14	4.14	53.6	69.3	116.	97.0	534.	59.5	13.8	3.32	2.99
17	1.70	3.14	4.46	37.9	69.3	128.	101.	549.	65.4	12.8	3.32	2.99
18	1.70	2.78	4.78	21.0	79.5	137.	106.	616.	72.7	11.3	3.32	2.84
19	1.70	2.78	4.78	21.0	87.8	137.	112.	549.	72.7	9.48	3.32	2.84
20	1.70	2.78	4.14	18.2	83.0	122.	112.	562.	84.7	9.48	3.23	2.84
21	1.70	2.78	3.14	25.2	110.	110.	91.6	540.	88.1	9.48	3.23	2.84
22	1.70	2.64	2.66	39.4	108.	102.	93.4	523.	88.1	7.91	3.14	2.84
23	1.83	1.50	2.33	50.0	114.	83.0	93.4	523.	83.0	7.91	2.99	2.99
24	1.83	1.50	2.17	43.9	97.1	76.1	89.8	507.	66.0	7.91	2.99	2.99
25	1.83	1.50	2.17	40.9	122.	72.7	104.	350.	56.3	7.91	2.99	2.99
26	1.83	1.50	2.17	37.9	95.2	69.3	112.	249.	50.0	7.91	2.84	2.99
27	1.83	1.50	2.17	128.	83.7	62.7	103.	183.	43.9	7.91	2.84	2.84
28	2.50	1.50	2.17	137.	74.4	64.8	91.6	183.	43.9	7.91	2.78	2.84
29	3.06	2.50	2.60	104.	69.3	77.8	95.2	268.	43.9	7.91	2.78	
30	3.14	2.50	2.60	104.	62.7	86.4	97.0	178.	43.9	6.71	2.78	
31	3.14		2.60		54.7	93.4		173.		5.50	2.78	
MOY	1.86	2.86	3.19	49.3	93.0	101.	113.	344.	85.2	16.6	3.17	2.92

DEBIT MOYEN ANNUEL

68.6 M3/S

STATION : CAHOPEY MCNO MONC ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1955-1956 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	3.32	3.32	9.48	6.58	157.	749.	562.	797.	315.	35.0	10.2	3.97
2	3.32	3.32	15.7	8.03	173.	765.	464.	783.	280.	33.6	8.83	3.75
3	3.32	3.23	26.5	15.7	238.	773.	464.	785.	210.	33.6	8.51	3.55
4	3.32	3.32	35.0	15.7	243.	787.	532.	814.	183.	33.6	7.35	3.36
5	3.32	3.41	44.0	50.6	228.	803.	566.	829.	173.	33.6	7.09	3.19
6	3.32	3.23	59.5	94.1	238.	805.	542.	841.	162.	33.6	7.35	3.14
7	3.32	3.32	65.3	67.7	241.	799.	568.	842.	185.	33.6	7.35	3.55
8	3.14	3.62	30.7	36.5	254.	794.	617.	823.	149.	29.3	6.83	3.65
9	3.14	4.78	25.3	32.1	220.	741.	644.	801.	141.	26.5	6.35	3.50
10	84.3	4.78	27.3	41.1	185.	596.	714.	752.	130.	26.5	5.90	3.41
11	83.0	4.78	13.5	74.4	202.	544.	699.	645.	112.	25.1	5.50	3.32
12	76.1	4.51	11.3	65.0	185.	561.	710.	560.	104.	27.3	5.06	3.23
13	7.91	4.78	11.3	58.2	178.	566.	757.	499.	101.	27.3	4.92	3.14
14	4.51	4.14	8.70	104.	155.	593.	774.	470.	93.4	28.7	4.92	3.14
15	4.51	4.78	6.58	132.	225.	646.	752.	485.	93.4	28.7	4.78	3.23
16	4.39	4.78	8.03	137.	300.	694.	709.	515.	83.0	32.1	4.51	3.32
17	3.32	5.50	8.70	103.	417.	621.	688.	468.	81.3	32.1	4.64	3.36
18	3.32	4.78	6.58	120.	491.	544.	704.	386.	76.1	32.1	4.92	3.41
19	3.32	26.5	7.25	90.0	507.	503.	745.	291.	72.7	31.0	5.06	3.60
20	3.32	29.3	7.91	83.0	491.	471.	768.	279.	69.3	31.0	5.20	3.70
21	3.32	81.5	11.8	105.	475.	507.	799.	273.	62.7	29.3	5.35	3.81
22	3.14	76.1	7.91	116.	433.	519.	818.	259.	62.7	29.3	5.20	3.81
23	3.32	72.7	8.70	150.	438.	553.	820.	241.	61.1	29.3	4.92	3.81
24	3.32	23.7	7.91	137.	495.	579.	815.	222.	56.3	11.3	4.78	3.70
25	3.32	13.4	6.58	137.	403.	566.	823.	208.	54.7	11.3	4.64	3.70
26	3.14	9.48	6.58	141.	393.	557.	837.	211.	50.0	7.91	4.51	3.36
27	3.14	6.58	5.50	155.	353.	573.	853.	222.	40.9	7.91	4.39	3.03
28	3.32	5.90	21.0	157.	367.	557.	834.	514.	35.0	7.91	4.14	2.84
29	3.32	5.90	18.3	86.4	501.	483.	806.	544.	35.0	7.91	3.92	2.91
30	3.14	5.90	6.58	86.4	555.	504.	801.	526.	35.0	7.91	3.92	
31	3.14		9.48		694.	570.		496.		7.91	4.14	
MOY	11.1	14.4	17.6	86.8	337.	623.	706.	529.	110.	24.9	5.65	3.43

DEBIT MOYEN ANNUEL

207. M3/S

STATION : CAHOMEY MCNO MCNC ATHIEME

NLMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1956-1957 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	2.81	7.35	2.91	3.50	54.7	84.7	86.4	150.	23.2	2.78	2.03	1.03
2	3.14	6.83	2.91	3.32	33.8	84.7	88.1	149.	23.2	2.78	2.03	1.03
3	2.99	6.35	2.84	3.92	36.5	84.7	84.7	148.	23.2	2.78	2.03	1.03
4	2.81	5.50	2.78	4.26	36.5	84.7	93.4	148.	23.2	2.78	1.83	1.03
5	3.10	6.12	2.91	4.92	39.7	88.1	93.4	146.	23.2	2.66	1.83	1.03
6	3.55	7.09	3.14	6.12	36.5	88.1	95.2	147.	23.2	2.66	1.83	1.03
7	3.50	7.63	3.14	7.35	34.7	89.8	97.0	178.	22.1	2.50	1.83	.900
8	3.60	7.35	3.23	8.51	34.7	83.0	89.8	244.	22.1	2.50	1.70	.900
9	3.81	7.35	3.32	10.5	29.3	83.0	76.2	253.	22.1	2.50	1.70	.900
10	3.92	7.91	3.41	12.5	29.3	93.4	51.2	161.	24.3	2.37	1.70	.900
11	4.03	8.51	3.50	13.8	27.9	89.8	68.7	135.	24.3	2.37	1.30	.900
12	4.20	9.15	3.60	15.7	27.9	89.8	161.	147.	23.2	2.30	1.23	.900
13	4.39	9.83	3.70	17.7	27.9	83.0	175.	143.	22.1	2.30	1.23	.900
14	4.51	10.2	3.81	18.7	30.7	97.0	184.	145.	21.0	2.23	1.23	.900
15	4.64	9.83	3.81	25.9	32.1	104.	185.	146.	21.0	2.23	1.17	.900
16	4.99	9.15	3.92	31.0	32.1	101.	191.	139.	16.7	2.17	1.17	.833
17	4.65	8.51	3.92	32.1	38.5	95.2	192.	146.	14.7	2.17	1.17	.833
18	7.06	8.06	3.92	35.6	37.9	93.4	181.	132.	13.8	2.17	1.17	.833
19	13.5	7.36	4.03	40.3	36.5	91.6	179.	132.	14.7	2.17	1.10	.833
20	19.3	6.23	4.14	46.3	33.6	91.6	174.	129.	14.7	2.17	1.10	.833
21	19.0	5.35	4.26	52.5	33.3	101.	159.	137.	14.7	2.10	1.10	.833
22	17.2	4.65	4.39	58.8	31.8	101.	157.	144.	13.4	2.10	1.10	.833
23	17.9	3.98	4.51	79.5	32.1	81.3	158.	113.	12.9	2.10	1.10	.833
24	14.5	3.32	4.78	76.1	32.1	79.5	170.	97.0	8.99	2.10	1.10	.833
25	12.3	3.14	5.06	74.7	33.6	79.5	173.	73.4	6.63	2.10	1.03	.767
26	13.0	3.19	5.06	72.7	32.1	69.3	166.	48.8	5.52	2.10	.967	.767
27	8.99	3.14	4.78	69.3	29.3	69.3	159.	35.0	5.06	2.10	.967	.767
28	9.48	3.14	4.51	66.7	29.3	72.7	158.	30.4	3.62	2.03	.967	.767
29	9.83	3.06	4.26	66.0	26.6	76.1	150.	27.6	2.78	2.03	1.03	
30	10.2	2.99	4.14	64.0	35.3	74.4	149.	25.9	2.78	2.03	1.03	
31	9.00		4.39		67.7	91.6		24.3		1.97	1.03	
MOY	7.93	6.41	3.84	34.1	34.6	87.0	138.	125.	16.4	2.30	1.35	.888

DEBIT MOYEN ANNUEL : 38.3 M3/S

STATION : CAHOMEY MONO MONO ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.767	1.50	5.50	76.1	220.	282.	768.	748.	303.	59.5	7.91	2.99
2	.767	1.50	5.50	79.5	230.	273.	796.	746.	342.	59.5	7.91	2.99
3	.767	1.50	4.78	120.	245.	238.	794.	630.	340.	62.7	7.35	2.99
4	.767	1.50	4.78	128.	254.	540.	747.	565.	294.	62.7	7.09	2.91
5	1.03	1.50	4.78	132.	343.	602.	689.	536.	254.	66.0	7.35	2.91
6	1.23	1.43	5.20	137.	356.	553.	674.	563.	233.	70.3	6.58	2.78
7	1.17	1.37	5.20	141.	376.	570.	654.	674.	230.	74.4	5.90	2.72
8	1.03	1.63	6.58	146.	376.	544.	627.	727.	222.	77.8	5.50	2.66
9	.900	1.63	5.90	150.	523.	400.	723.	707.	225.	77.8	5.50	2.66
10	.900	1.57	5.06	164.	532.	383.	779.	619.	215.	76.1	5.50	2.66
11	.767	1.50	6.83	173.	640.	427.	795.	615.	212.	69.3	5.50	2.60
12	.767	1.83	6.58	180.	654.	438.	834.	714.	190.	66.0	4.64	2.50
13	.900	2.17	5.35	202.	666.	403.	836.	553.	164.	66.0	4.92	2.37
14	.900	2.99	5.90	487.	726.	393.	845.	523.	162.	62.7	4.26	2.30
15	.900	2.99	6.58	483.	626.	385.	829.	503.	158.	62.7	4.26	2.30
16	.900	2.99	7.91	487.	649.	387.	817.	504.	150.	59.5	4.64	2.30
17	1.30	2.99	7.91	483.	733.	414.	809.	697.	148.	56.3	4.33	2.30
18	1.37	2.99	8.51	488.	768.	540.	820.	732.	139.	56.3	7.35	2.30
19	1.37	3.06	8.83	346.	649.	607.	834.	749.	134.	58.8	6.72	2.23
20	1.37	2.99	10.5	312.	575.	595.	852.	735.	128.	40.3	6.02	2.17
21	1.30	3.03	66.0	330.	511.	605.	865.	684.	110.	23.7	4.85	2.10
22	1.30	3.03	69.3	356.	366.	602.	856.	543.	97.0	23.7	4.20	1.83
23	1.30	3.06	150.	483.	346.	607.	786.	566.	92.3	23.7	4.03	1.70
24	1.17	2.99	151.	356.	330.	657.	725.	406.	89.8	22.4	3.81	1.57
25	1.10	3.06	153.	166.	330.	704.	733.	346.	83.0	18.3	3.60	1.57
26	1.03	3.06	156.	162.	327.	750.	745.	306.	79.5	15.7	3.55	1.57
27	.900	3.06	159.	155.	251.	770.	684.	300.	76.1	14.7	3.41	1.57
28	1.17	4.78	141.	124.	273.	773.	651.	297.	71.0	12.7	3.23	1.57
29	1.23	4.78	89.8	120.	297.	746.	709.	294.	67.7	12.3	3.23	
30	1.37	4.58	81.6	128.	313.	736.	744.	300.	64.4	11.3	3.23	
31	1.37		66.0		291.	763.		313.		9.48	3.14	
MOY	1.07	2.57	45.5	243.	444.	538.	767.	555.	169.	47.5	5.15	2.32

DEBIT MOYEN ANNUEL 236.830 M3/S

STATION : DAHOMEY

MCNO

MCNO

ATHIEME

NUMERO : 1140C107

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.57	1.50	1.53	9.48	77.8	2.60	1.97	83.0	6.24	2.78	1.83	1.03
2	1.57	1.50	1.50	10.9	79.5	2.60	1.97	83.0	6.24	2.78	1.83	1.03
3	1.83	1.50	1.50	10.4	63.7	2.60	1.97	89.8	6.58	2.78	1.83	.833
4	1.97	1.63	1.93	8.70	51.6	2.60	1.97	81.2	6.58	2.78	1.83	.767
5	2.03	1.63	2.10	8.87	46.9	2.60	1.83	76.1	4.27	3.07	1.83	.767
6	2.10	1.57	3.32	7.91	43.9	2.55	1.83	57.9	3.60	3.14	1.83	.767
7	2.10	1.57	66.2	7.63	37.9	2.55	1.83	53.1	3.60	3.07	1.83	.767
8	2.10	1.70	48.5	7.91	36.5	2.50	1.83	42.4	2.95	2.88	1.70	.767
9	2.03	1.70	39.1	10.4	37.9	2.50	1.83	37.9	2.78	2.69	1.70	.767
10	2.23	1.70	28.7	8.37	35.0	2.50	2.68	32.1	2.72	2.69	1.77	.767
11	2.23	1.57	19.6	30.7	22.4	2.50	5.25	26.5	2.60	2.69	1.70	.767
12	2.17	1.57	15.7	36.5	14.5	2.50	7.37	67.7	2.60	2.55	1.70	.767
13	2.17	1.50	15.7	42.4	7.55	2.50	4.78	66.0	2.55	2.27	1.50	.767
14	2.17	1.50	14.7	57.9	5.27	2.50	4.64	56.3	2.55	2.10	1.43	.767
15	2.10	1.50	10.2	62.7	4.71	2.50	4.39	46.9	2.50	1.97	1.43	.767
16	2.10	1.50	8.70	62.7	4.45	2.17	4.14	36.5	2.43	1.97	1.43	.700
17	2.03	1.43	7.37	64.4	4.51	2.10	4.14	32.1	2.50	1.97	1.43	.700
18	1.97	1.43	6.83	61.1	4.51	1.97	3.92	32.1	2.17	1.97	1.50	.700
19	1.83	1.30	4.78	61.1	4.51	1.83	3.92	31.0	2.17	1.97	1.50	.700
20	1.83	1.17	4.14	133.	4.51	1.83	4.78	29.3	2.17	1.83	1.50	.633
21	1.83	1.23	4.58	128.	4.39	2.23	6.04	26.5	2.17	1.83	1.50	.633
22	1.70	2.17	4.35	129.	4.39	2.37	7.63	21.0	2.10	1.83	1.50	.633
23	1.63	2.17	3.81	122.	4.26	2.37	15.8	18.2	2.10	1.83	1.50	.633
24	1.57	3.06	3.55	82.3	4.26	2.50	33.7	10.0	2.10	1.83	1.43	.633
25	1.57	2.78	3.41	80.9	4.14	2.69	51.0	9.48	2.10	1.83	1.37	.633
26	1.57	2.55	3.27	74.4	4.14	2.50	48.6	8.70	1.97	1.83	1.30	.633
27	1.57	2.43	3.37	62.7	2.99	2.27	103.	7.91	2.17	1.83	1.17	.633
28	1.70	2.43	4.55	59.5	2.78	2.17	148.	7.91	2.17	1.83	1.17	.633
29	1.63	1.83	7.25	64.4	2.78	2.17	139.	6.71	2.37	1.83	1.03	
30	1.50	1.57	8.51	67.7	2.66	2.17	84.7	6.58	2.50	1.83	1.03	
31	1.50		9.48		2.60	1.97		6.35		1.83	1.03	
MOY	1.87	1.78	11.6	52.5	20.2	2.37	23.5	38.4	3.05	2.26	1.52	.736

DEBIT MOYEN ANNUEL

13.3 M3/S

STATION : DAHOMEY MCNO MONO ATHIEME
 NUMERO : 114C01C7

DEBITS MCYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.633	.900	14.7	2.47	3.55	294.	91.6	566.	143.	102.	2.96	1.57
2	.633	.967	13.4	2.50	3.76	343.	152.	640.	132.	97.0	2.78	1.57
3	.633	.833	13.4	2.52	3.81	197.	203.	674.	116.	93.4	2.75	1.50
4	.633	.833	13.1	2.60	3.81	171.	209.	677.	106.	83.0	2.72	1.73
5	.633	.833	11.3	2.69	3.65	169.	215.	540.	96.2	79.5	2.66	1.70
6	.633	.767	11.3	2.78	3.60	179.	207.	544.	92.3	67.7	2.50	1.70
7	.633	.700	11.3	2.78	4.27	164.	221.	523.	89.8	57.9	2.43	1.70
8	.633	.700	11.1	2.72	3.62	155.	340.	507.	86.4	48.5	2.23	1.63
9	.633	.700	9.83	2.72	17.1	130.	370.	464.	89.8	25.1	2.17	1.57
10	.567	.900	9.66	2.75	32.1	109.	366.	427.	84.7	26.5	2.10	1.53
11	.567	.900	9.48	2.88	36.5	83.0	387.	407.	77.8	21.0	2.10	1.57
12	.567	.833	8.83	2.99	114.	115.	373.	385.	71.0	27.0	2.10	1.63
13	.567	.833	8.52	2.78	143.	88.1	353.	407.	69.3	22.4	2.10	2.00
14	.567	.833	7.91	2.78	155.	83.0	294.	453.	66.0	21.0	2.23	2.00
15	.633	.767	7.37	2.55	146.	81.3	222.	417.	61.1	18.2	2.30	1.77
16	.567	.767	6.35	2.30	155.	76.8	230.	373.	59.5	16.9	2.30	1.77
17	.567	.900	5.35	2.23	176.	72.7	249.	302.	56.3	14.5	2.23	1.70
18	.567	1.10	4.71	2.17	180.	76.1	315.	241.	56.3	11.3	2.23	1.57
19	.567	1.17	4.45	2.10	187.	64.4	400.	233.	54.7	7.25	2.23	1.43
20	.567	1.27	4.14	2.17	190.	54.7	479.	225.	49.1	6.04	2.23	1.43
21	.567	1.43	4.14	2.00	155.	50.0	519.	222.	46.9	5.50	2.10	1.43
22	.633	1.43	4.14	2.33	155.	46.9	550.	219.	41.8	4.46	2.10	1.30
23	.700	1.67	4.14	2.64	141.	38.8	605.	209.	40.9	3.19	2.10	1.17
24	.700	1.70	3.60	3.53	156.	30.7	557.	190.	40.3	3.23	2.10	1.17
25	.633	1.90	3.32	4.85	170.	25.1	410.	173.	35.0	3.14	1.97	1.17
26	.567	1.90	3.14	4.14	190.	16.9	361.	164.	33.3	3.14	1.83	1.17
27	.567	2.43	3.14	4.14	196.	15.7	460.	156.	32.7	3.10	1.83	1.17
28	.833	3.37	2.78	4.51	180.	13.4	519.	148.	64.5	3.36	1.97	1.17
29	.900	7.35	2.78	4.52	190.	13.4	515.	143.	110.	3.23	1.97	1.17
30	.900	14.7	2.43	4.27	282.	11.3	527.	141.	114.	3.14	1.70	
31	.900		2.50		291.	11.3		150.		3.06	1.57	
MOY	.642	1.85	7.17	2.95	118.	96.1	357.	352.	73.9	28.6	2.21	1.52

DEBIT MCYEN ANNUEL 87.1 M3/S

STATION : DAHOMEY

MCNO

MONC

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.17	.567	3.92	2.17	246.	593.	276.	883.	265.	43.9	4.14	2.30
2	1.17	2.32	3.92	2.17	246.	635.	254.	867.	259.	43.3	4.14	2.30
3	1.03	6.97	3.92	2.10	254.	548.	241.	836.	259.	40.9	4.14	2.17
4	1.03	5.70	3.92	2.10	360.	507.	238.	801.	254.	39.4	4.14	2.17
5	1.03	5.50	3.23	2.96	493.	591.	233.	772.	254.	35.0	3.92	2.17
6	1.03	4.99	2.99	2.49	569.	575.	225.	746.	249.	35.0	3.92	2.17
7	1.03	4.27	3.57	2.43	566.	487.	235.	566.	235.	36.5	3.92	2.17
8	.900	3.76	4.86	2.33	383.	431.	532.	540.	233.	40.9	3.92	2.10
9	.900	3.23	5.50	3.19	340.	453.	562.	527.	226.	43.9	3.92	2.10
10	.767	3.87	6.97	3.23	319.	468.	580.	507.	215.	40.9	3.81	2.10
11	.767	4.78	8.70	3.50	298.	566.	656.	471.	180.	37.9	3.81	2.10
12	.767	7.25	9.49	3.60	249.	674.	714.	405.	159.	39.4	3.32	1.97
13	.767	9.48	9.15	3.27	249.	707.	765.	344.	133.	36.5	3.32	1.97
14	.767	8.21	5.68	3.20	238.	708.	792.	337.	97.0	35.0	3.32	1.97
15	.767	7.91	3.97	7.25	227.	690.	794.	327.	86.4	33.6	3.14	1.97
16	.767	7.91	3.71	9.53	204.	511.	807.	508.	83.0	32.1	3.14	1.97
17	.767	7.91	3.46	23.7	187.	479.	807.	523.	82.0	31.0	3.14	1.97
18	.767	8.21	2.75	71.3	180.	469.	801.	544.	79.5	30.4	3.14	1.97
19	.767	9.48	2.50	107.	176.	677.	779.	526.	79.5	29.8	3.14	1.97
20	.767	9.48	2.43	124.	176.	694.	763.	511.	79.5	27.0	2.78	1.83
21	.767	9.83	2.78	102.	150.	674.	779.	504.	73.7	24.8	2.78	1.83
22	.767	9.83	3.46	88.1	150.	549.	790.	487.	69.3	22.4	2.78	1.70
23	.767	10.7	5.35	106.	145.	445.	807.	487.	66.0	21.0	2.50	1.70
24	.767	10.9	5.06	118.	137.	369.	823.	479.	64.0	16.9	2.50	1.70
25	.767	8.70	4.27	132.	137.	340.	842.	475.	62.7	15.2	2.50	1.70
26	.767	7.25	3.92	156.	179.	333.	845.	471.	57.9	14.0	2.50	1.50
27	.767	4.78	3.37	183.	257.	315.	822.	460.	54.1	10.9	2.50	1.50
28	.767	4.52	3.14	202.	422.	294.	818.	449.	53.1	8.70	2.50	1.37
29	.767	4.14	2.64	204.	540.	285.	840.	445.	51.2	7.25	2.30	
30	.767	3.92	2.27	235.	575.	268.	864.	434.	43.9	6.58	2.30	
31	.767		2.17		584.	276.		341.		6.58	2.30	
MOY	.844	6.56	4.29	63.7	298.	504.	643.	535.	137.	28.6	3.22	1.94

DEBIT MOYEN ANNUEL 187. M3/S

STATION : DAHOMEY MONO MCNO ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.37	.833	2.50	1.83	23.7	94.1	35.0	259.	9.37	1.27	.406	.254
2	1.37	.833	2.50	1.83	23.7	94.8	40.3	265.	6.24	1.27	.406	.254
3	1.30	.900	2.50	2.17	21.0	86.4	43.9	249.	7.70	.970	.406	.254
4	1.30	.967	2.50	2.50	18.2	86.4	43.9	238.	8.34	.713	.364	.223
5	1.17	.967	2.50	2.50	15.7	84.3	50.0	222.	8.34	.713	.288	.223
6	1.23	.967	2.78	2.78	15.7	84.3	51.2	222.	7.70	.713	.288	.223
7	1.23	.967	2.78	2.99	29.3	83.0	59.5	197.	6.52	.713	.254	.194
8	1.17	1.17	2.84	3.60	35.0	83.0	59.5	178.	6.24	.600	.254	.194
9	1.17	1.23	2.84	5.20	40.9	83.0	62.7	146.	5.00	.600	.325	.194
10	1.10	1.50	2.91	6.58	43.9	79.5	66.0	150.	3.97	.600	.325	.144
11	1.03	1.63	2.91	10.5	53.1	69.3	65.3	132.	3.97	.364	.325	.144
12	1.03	1.63	2.91	11.3	76.1	66.0	72.7	122.	3.17	.364	.498	.144
13	1.03	1.63	3.06	11.3	76.1	64.0	72.7	83.0	3.17	.364	.498	.144
14	1.03	1.83	3.23	18.2	83.0	62.7	72.7	76.1	3.17	.254	.364	.144
15	.967	1.97	3.32	18.2	120.	62.7	74.7	72.7	2.68	.254	.364	.144
16	.967	2.30	3.60	18.2	150.	56.3	76.1	74.7	2.57	.254	.288	.144
17	.967	2.30	3.92	26.5	169.	51.2	79.5	70.7	2.57	.194	.254	.144
18	.967	2.10	4.03	23.7	169.	50.0	80.2	69.3	2.57	.194	.288	.144
19	.900	2.23	3.92	21.0	169.	40.9	86.4	56.3	2.57	.194	.325	.168
20	.900	2.37	3.32	18.2	164.	37.9	89.8	26.5	2.32	.194	.325	.168
21	.900	2.37	3.14	13.4	150.	37.9	101.	29.3	2.32	.194	.288	.144
22	.900	2.37	3.14	13.4	146.	34.4	101.	32.1	2.20	.144	.254	.144
23	.900	2.50	3.14	15.7	137.	26.5	104.	35.0	2.20	.144	.194	.144
24	.900	2.66	2.78	18.2	137.	23.7	112.	28.2	1.99	.144	.194	.144
25	.900	2.91	2.60	18.2	130.	21.0	116.	22.1	1.70	.144	.194	.123
26	.767	2.99	2.50	18.2	124.	21.0	124.	21.0	1.70	.144	.254	.123
27	.767	3.14	2.30	18.7	115.	15.7	128.	21.0	1.27	.144	.254	.123
28	.767	3.41	2.17	21.0	106.	13.4	128.	15.7	1.27	.144	.254	.123
29	.833	3.32	2.17	26.5	101.	11.3	150.	13.4	1.27	.144	.288	
30	.833	3.14	1.97	23.7	97.0	9.48	155.	11.3	1.27	.144	.254	
31	.833		1.77		93.4	6.58		11.3		.144	.194	
MOY	1.02	1.97	2.86	13.2	91.3	52.9	83.4	102.	3.85	.401	.305	.168

DEBIT MOYEN ANNUEL 29.7 M3/S

STATION : MEIDAHOMEY

MCNO

MONO

ATHIEME : ADITA

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.123	.194	2.32	79.5	515.	128.	557.	306.	249.	48.8	2.32	.713
2	.123	.168	2.57	108.	417.	128.	571.	360.	222.	48.8	2.32	.713
3	.123	.168	2.32	89.8	417.	128.	566.	383.	222.	48.8	2.20	.713
4	.105	.168	1.99	69.3	424.	141.	557.	468.	185.	48.8	2.20	.655
5	.105	.223	1.27	66.0	417.	144.	549.	515.	173.	46.9	2.20	.600
6	.089	.254	1.11	46.9	403.	173.	549.	523.	164.	47.5	1.70	.600
7	.089	.254	.902	86.4	376.	212.	532.	566.	155.	47.5	1.43	.600
8	.089	.254	1.11	127.	276.	227.	507.	575.	132.	43.9	1.70	.600
9	.105	.254	1.27	227.	249.	233.	483.	575.	116.	42.7	1.70	.600
10	.123	.254	7.70	238.	217.	282.	475.	586.	83.0	40.9	1.70	.600
11	.123	.364	15.7	155.	217.	417.	468.	557.	83.0	40.9	1.70	.600
12	.105	.364	23.7	159.	217.	499.	507.	566.	72.7	37.9	1.27	.600
13	.144	.406	23.7	249.	265.	593.	515.	575.	72.7	36.7	1.27	.451
14	.144	.451	21.0	271.	300.	693.	557.	549.	68.0	26.5	1.27	.498
15	.168	.406	15.7	282.	507.	640.	557.	540.	64.0	23.7	1.11	.498
16	.123	.364	13.4	238.	575.	557.	566.	523.	62.7	18.2	.902	.406
17	.123	.325	8.34	173.	621.	499.	562.	515.	62.7	18.2	.902	.406
18	.105	.325	4.56	104.	640.	318.	549.	499.	62.7	15.7	.902	.406
19	.105	.288	3.17	185.	649.	265.	640.	483.	62.7	6.24	.902	.406
20	.144	.288	2.90	424.	649.	238.	659.	453.	62.7	6.24	.773	.406
21	.168	.325	2.32	288.	659.	330.	584.	438.	61.4	6.24	.836	.406
22	.168	.406	2.20	483.	532.	387.	549.	410.	61.4	5.47	.836	.406
23	.168	.498	2.20	557.	523.	438.	523.	369.	61.4	5.00	.773	.364
24	.144	.498	18.2	566.	491.	483.	515.	369.	61.4	3.46	.773	.364
25	.144	.451	51.9	540.	369.	499.	499.	356.	55.0	3.17	.836	.364
26	.123	.451	30.4	557.	324.	582.	475.	363.	54.4	2.90	.713	.288
27	.123	.548	30.4	593.	233.	557.	460.	363.	53.1	2.90	.713	.288
28	.144	.836	26.5	669.	173.	540.	410.	363.	51.2	2.90	.713	.288
29	.144	1.27	62.7	555.	150.	571.	356.	350.	51.2	3.17	.713	
30	.154	1.80	66.0	523.	138.	540.	312.	312.	48.8	3.17	.713	
31	.154		76.1		132.	523.		271.		2.90	.713	
MOY	.131	.428	16.9	290.	389.	386.	520.	454.	97.8	23.7	1.25	.494

DEBIT MOYEN ANNUEL 183. M3/S

STATION : DAHOMEY MONO MONC ATHIEME

NUMERO : 114CC107

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.288	.105	1.80	1.27	173.	884.	840.	829.	192.	166.	11.3	3.97
2	.288	.194	1.70	1.43	224.	895.	851.	840.	192.	166.	9.37	3.97
3	.288	.194	1.70	1.43	212.	862.	862.	851.	192.	166.	9.37	3.97
4	.288	.254	1.70	1.52	212.	862.	873.	862.	190.	164.	9.37	3.17
5	.288	.254	1.70	1.52	212.	869.	884.	851.	190.	141.	9.37	3.17
6	.254	.254	1.43	1.61	212.	873.	873.	858.	190.	141.	7.70	2.90
7	.254	.364	1.43	1.43	265.	877.	904.	840.	192.	137.	7.70	2.90
8	.364	.406	1.43	1.70	265.	880.	904.	851.	191.	132.	7.70	2.79
9	.364	.498	1.43	2.20	294.	875.	873.	858.	189.	130.	6.24	2.79
10	.364	.498	1.43	5.72	330.	851.	873.	851.	183.	128.	6.24	2.79
11	.498	.600	1.43	5.00	337.	840.	855.	851.	178.	128.	6.24	2.68
12	.600	.600	1.52	5.00	343.	836.	862.	836.	178.	127.	6.24	2.57
13	.600	.655	1.52	9.37	343.	829.	842.	836.	177.	124.	6.24	2.57
14	.902	.655	1.43	11.3	356.	825.	842.	818.	173.	116.	6.24	2.57
15	1.27	.713	1.43	18.8	424.	818.	842.	772.	173.	115.	6.24	2.48
16	1.27	.902	1.27	29.3	460.	792.	844.	759.	173.	106.	5.47	2.32
17	1.27	.970	1.27	56.3	649.	787.	855.	759.	171.	104.	5.47	2.20
18	1.61	1.27	1.27	62.7	730.	785.	851.	709.	171.	98.4	5.23	2.20
19	1.61	1.11	1.11	81.6	752.	785.	851.	611.	171.	98.4	5.23	2.20
20	1.11	1.11	1.11	93.4	774.	730.	818.	532.	168.	95.5	5.00	2.20
21	.713	1.70	1.11	107.	774.	709.	796.	525.	168.	86.4	5.00	2.20
22	.600	1.70	1.11	109.	774.	689.	759.	518.	168.	69.3	5.00	2.20
23	.364	1.27	1.27	150.	774.	649.	781.	611.	168.	62.7	4.78	1.99
24	.364	1.27	1.27	132.	774.	575.	774.	689.	168.	56.3	4.78	1.89
25	.254	1.80	1.11	124.	774.	540.	783.	774.	169.	46.9	4.56	1.89
26	.194	1.80	1.11	116.	774.		774.	807.	169.	37.9	4.56	1.89
27	.144	1.27	1.11	153.	774.		611.	851.	169.	33.3	4.56	1.89
28	.144	1.27	1.43	141.	796.	575.		858.	168.	29.3	4.16	1.89
29	.105	1.61	1.70	164.	818.	669.	763.	752.	166.	23.7	4.16	1.89
30	.105	1.80	1.27	159.	840.	730.	807.	557.	166.	21.0	4.16	
31	.105		1.27		862.	796.				15.7	3.97	
MOY	.544	.503	1.38	58.3	526.	768.	824.	751.	177.	98.9	6.18	2.56

DEBIT MOYEN ANNUEL

269. M3/S

STATION : DAHOMEY MONO MONC ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.89	3.80	5.00	9.37	76.1	379.	324.	279.	48.1	2.90	1.04	.600
2	1.89	3.97	5.72	7.39	74.7	387.	307.	224.	45.7	2.90	1.04	.498
3	1.89	3.80	5.47	7.39	72.0	306.	431.	209.	43.3	2.79	.902	.364
4	1.89	3.80	5.47	7.70	73.4	288.	460.	199.	38.8	2.68	.970	.364
5	1.89	4.16	5.72	7.70	69.3	207.	276.	189.	33.8	2.68	1.27	.194
6	1.89	4.36	5.72	7.09	22.1	166.	431.	174.	27.3	2.57	1.27	.194
7	1.80	4.36	5.47	7.09	21.0	156.	557.	152.	23.7	2.57	1.19	.194
8	1.80	4.16	5.47	6.24	19.9	145.	640.	150.	22.1	2.32	1.27	.194
9	1.80	4.36	5.98	6.24	20.4	137.	701.	162.	21.3	2.40	1.27	.194
10	1.80	4.56	5.98	7.70	22.6	132.	677.	146.	20.7	2.32	1.27	.168
11	1.80	4.56	5.98	13.4	22.6	128.	634.	141.	19.9	2.26	1.11	.168
12	1.61	4.16	5.98	15.7	21.0	146.	685.	127.	16.7	2.10	1.19	.168
13	1.61	4.16	6.80	19.9	22.1	231.	693.	108.	15.2	2.10	1.19	.168
14	1.52	4.16	6.52	23.7	19.9	223.	734.	95.2	14.3	1.89	1.19	.168
15	1.52	4.16	6.24	26.5	17.7	207.	752.	86.1	13.6	1.99	1.19	.194
16	1.70	4.36	6.24	27.6	18.2	207.	699.	79.5	12.9	1.89	1.19	.194
17	1.70	4.56	6.24	27.6	39.1	218.	540.	78.5	12.9	1.89	1.27	.223
18	1.99	4.78	7.09	29.3	115.	263.	457.	85.0	12.1	1.70	1.04	.223
19	2.10	4.56	8.34	32.1	95.5	171.	547.	123.	11.7	1.61	.970	.223
20	1.99	4.36	9.37	45.7	80.2	146.	638.	106.	9.95	1.52	.970	.254
21	1.99	4.36	11.3	55.0	69.3	138.	699.	86.1	8.19	1.61	.970	.288
22	2.20	4.56	12.1	59.5	66.0	128.	701.	81.3	6.25	1.52	.970	.288
23	2.32	4.56	8.02	65.3	62.7	227.	573.	77.5	5.47	1.43	.970	.288
24	2.57	6.24	8.34	65.3	55.0	233.	395.	71.3	4.67	1.43	.836	.325
25	3.17	6.24	8.68	68.0	53.1	249.	342.	65.4	3.89	1.43	.836	.325
26	3.17	5.00	7.39	72.7	127.	249.	304.	57.9	3.05	1.35	.773	.325
27	3.17	5.00	7.70	79.5	233.	227.	279.	54.1	2.79	1.27	.836	.325
28	2.90	5.00	8.34	79.5	146.	108.	371.	50.3	3.10	1.27	.836	.288
29	3.46	5.00	8.34	76.1	120.	137.	322.	50.0	2.90	1.11	.773	
30	3.46	5.00	9.37	76.1	150.	169.	357.	50.9	3.17	1.04	.773	
31	3.46		9.37		254.	147.		49.7		1.04	.713	
MOY	2.19	4.54	7.22	34.4	72.9	202.	517.	116.	16.9	1.92	1.03	.264

DEBIT MOYEN ANNUEL

81.4 M3/S

STATION : DAHOMEY MCNO MONC ATHIEME
 NUMERO : 1140C107

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.288	.194					718.		104.	15.7	1.27	.655
2	.288	.168					630.		97.0	15.7		.655
3	.223	.144					602.		97.0	13.4		.655
4	.223	.223					575.		97.0	13.4		.655
5	.168	.288					460.		97.0	11.3		.600
6	.194	.406					431.		97.0	11.3		.548
7	.168	.451					343.		97.0	9.37		.498
8	.168	.600					294.		97.0	9.37		.406
9	.105	.498					288.		76.1	9.37		.498
10	.089	.325					282.		72.7	5.00		.406
11	.089	.169							69.3	5.00		.406
12	.076	.168							67.7	5.00		.451
13	.076	.168							66.0	5.00		.406
14	.076	.144					621.		62.7	5.00		.406
15	.076	.123					659.		56.3	5.00		.406
16	.089	.089					689.		56.3	5.00		.451
17	.089	.106					714.		53.1	3.97		.406
18	.144	.106					699.		50.0	3.17		.406
19	.168	.123					684.		50.0	3.17		.364
20	.168	.224					674.		46.9	2.57		.406
21	.254	.549					669.		46.9	2.20		.406
22	.325	.877					654.		43.9	2.20		.406
23	.364	1.36				621.	640.		43.9	2.20		.254
24	.325	1.66				640.	611.		35.0	2.20	.600	.254
25	.288	1.08				584.	593.		35.0		.600	.254
26	.254	6.50				483.	532.		32.1	1.27	.600	.254
27	.223	16.7				431.	433.		29.3	1.27	.600	.254
28	.223	10.1					294.		26.5	1.27	.548	.254
29	.223	9.04					204.		26.5	1.27	.498	
30	.223	7.88							23.7	1.27	.600	
31	.194									1.27	.600	
MOY	.189	2.02					518.		61.8	5.64		.429

STATION : DAHOMEY

MCNO

MCNC

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.144	.364	1.19	1.35	93.0	152.	790.	649.		17.0	2.90	1.70
2	.144	.364	1.11	1.43	86.4	173.	806.	513.		14.1	2.90	1.70
3	.168	.364	1.11	1.66	78.5	150.	821.	376.		13.8	2.90	1.70
4	.144	.364	.902	1.80	70.3	185.	843.	499.		11.3	2.90	1.61
5	.144	.364	.600	1.80	54.7	200.	842.	418.		9.44	2.79	1.52
6	.144	.288	.548	9.20	50.0	268.	685.	356.		10.1	2.57	1.52
7	.144	.223	.600	16.5	30.7	215.	630.	312.		9.74	2.57	1.52
8	.123	.228	.655	16.5	37.4	146.	636.	288.		9.02	2.48	1.43
9	.089	.364	.773	19.1	56.5	118.	679.	285.		8.68	2.48	1.43
10	.105	.406	.713	15.7	74.4	130.	696.	283.		8.68	2.48	1.43
11	.105	.498	.548	17.7	108.	153.	700.	273.		8.34	2.48	1.27
12	.105	.498	.548	19.9	111.	275.	702.	276.		7.70	2.40	1.27
13	.089	.548	.548	19.9	108.	353.	703.	268.		7.39	2.40	1.27
14	.089	.548	.548	13.6	97.3	383.	579.			7.39	2.32	1.27
15	.089	.548	.548	8.68	106.	400.	553.			7.09	2.32	1.27
16	.089	.548	.548	8.68	144.	374.	521.			6.24	2.20	1.19
17	.089	.548	.548	8.79	173.	379.	487.			5.98	2.020	1.19
18	.089	.498	.548	11.3	150.	402.	447.			5.98	2.020	1.19
19	.089	.498	.548	13.5	75.5	431.	453.			5.98	2.020	1.19
20	.089	.548	.548	21.0	61.4	539.	451.			5.98	2.10	1.19
21	.089	.600	.600	26.8	111.	634.	606.			5.47	2.10	1.19
22	.089	.655	.655	27.6	265.	709.	553.			5.23	2.010	1.11
23	.089	1.19	.655	30.7	106.	757.	505.			4.78	1.99	1.11
24	.089	1.61	.773	35.0	123.	785.	532.			4.56	1.99	1.11
25	.089	1.61	.836	36.5	228.	792.	490.			4.16	1.99	1.11
26	.089	1.70	.836	40.9	230.	796.	480.			3.63	1.80	1.11
27	.089	1.43	.902	59.5	186.	809.	434.			3.31	1.70	1.11
28	.089	1.27	.970	62.7	209.	820.	453.			3.17	1.70	1.11
29	.154	1.27	1.04	80.5	170.	831.	508.			3.03	1.70	
30	.364	1.19	1.19	104.	173.	838.	608.			2.90	1.70	
31	.364		1.19		205.	826.				2.90	1.70	
MOY	.126	.706	.753	24.4	122.	452.	606.			7.20	2.27	1.32

STATION : DAHOMEY

MONO

MONO

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.11	3.97		5.00				557.				
2	1.11	3.97		5.00				602.				
3	1.11	3.97		6.05		483.		566.				
4	1.11	3.97		3.17		532.		442.				
5	1.27	3.97	15.7	3.17		566.		350.				
6	1.27	3.04	11.3	3.17		582.		302.				
7	1.27	2.74	11.3	4.31		461.		313.				
8	1.27	2.20	7.70					318.				
9	1.43	1.59	7.70				403.	344.				
10	1.52	1.70	6.24				456.	413.				
11	1.70	1.27	5.00				558.	363.				
12	1.70	1.27	5.00			428.	669.					
13	1.70	1.27	5.00			403.	752.					
14	1.70	1.27	5.00			403.	752.					
15	1.99	1.27	5.00			495.	730.					
16	1.99	1.27	3.17			532.	730.					
17	2.20	1.27	3.17			403.	720.					
18	2.20	1.27	5.00				741.	388.				
19	2.20	1.27	5.00				787.	515.				
20	2.57	1.27				403.	817.	378.				
21	2.57	1.27					839.	300.				
22	2.68	1.27	21.0				862.	318.				
23	2.90	1.27	15.7			515.	870.	276.				
24	3.17	5.76	9.48			602.	856.					
25	3.46	7.40	11.3			649.	764.					
26	3.63	8.54	6.35			559.	639.					
27	3.97	12.5	5.00				625.					
28	3.97	16.2	5.00			410.	557.					
29	3.97	19.1	5.00			431.	513.					
30	3.97	21.0	5.00			403.	530.					
31	3.97		8.54									
MOY	2.28	4.62	9.45			471.	613.	357.				

STATION : DAHOMEY MONO MCNC ATPIEME
 NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1						814.	602.	776.				
2	080.	091.				821.	679.	774.	337.			
3	080.	080.				847.	720.	772.	334.			
4	080.	080.			499.	858.	752.	699.				
5	080.	080.			538.	836.	755.	575.				
6					539.	812.	796.	549.				
7					475.	821.	829.	630.				
8					508.	838.	864.	654.				
9					566.	843.	887.	630.				
10					575.	856.	900.					
11					611.	834.	887.					
12					562.	796.	867.					
13					539.	784.	843.					
14					557.	811.	840.					
15				265.	537.	828.	848.					
16				312.	539.	814.	844.					
17					566.	757.	829.					
18				376.	437.	741.	816.					
19				363.	407.	694.	821.					
20				288.	331.	720.	834.					
21					539.	739.	832.					
22	080.				654.	757.	809.					
23					730.	794.	773.					
24					730.	828.	679.					
25					752.	859.	602.					
26					728.	866.	549.					
27					720.	872.	635.					
28					763.	790.	772.					
29	080.				810.	814.	804.					
30	080.				828.	731.	796.					
31	080.				806.	644.						
MOY					589.	801.	782.					

STATION : DAHOMEY

MONO

MONO

ATHIEME

NUMERO : 11400107

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			5.47	6.24	25.9	106.	393.	467.	181.		.194	.050
2			5.98	5.98	69.3	107.	318.	393.	163.		.089	.050
3			5.98	7.40	62.8	104.		353.	135.		.066	.050
4			5.47	8.52	48.2	83.0	358.	337.	132.		.050	.050
5			4.78	6.94	46.1	91.6	515.	340.	146.		.050	.050
6			4.36	5.59	53.1	121.	593.		228.		.050	.050
7			3.97	5.36	40.0	117.	649.		199.		.050	.050
8			3.63	4.56	32.1	128.	602.		163.		.050	.050
9	3.17		3.17	4.07		178.	390.	332.	158.		.050	.050
10	3.17	2.20	3.31	4.31		163.	512.	334.	152.		.050	.050
11	2.90	3.97		3.63	32.1	149.	649.	254.	136.		.050	.050
12	3.03	3.80		4.36	76.1	221.	750.	226.	116.		.050	.050
13	2.31	3.46		5.59		320.	787.	200.	103.		.050	.050
14	3.17	3.17		4.46		362.	796.	203.	98.8		.050	.050
15	3.17	2.79	2.90	3.39	83.0	383.	755.	220.			.050	.050
16	2.90	3.17	3.97	5.30	110.	407.	649.	213.	83.0		.050	.050
17		4.08	4.89	11.4	111.	435.	532.	242.	75.7		.050	.050
18		11.7	4.89	16.0	211.	447.	481.	249.	71.0		.050	.050
19		21.0	4.27	11.7	161.	438.	487.	341.	64.0		.050	.050
20		15.7	3.81	9.93	140.	498.	579.		58.8		.050	.050
21		11.9	4.78	8.34	230.	468.	584.	334.	55.0		.050	.050
22		10.9	10.9	7.70	232.	485.	413.	365.	50.6		.050	.050
23		14.5	9.03	10.1	221.	358.		354.	47.2		.050	.050
24		13.8	8.02	26.8	242.			339.	43.6		.050	.050
25		10.9	6.16	25.1	267.	316.	350.		40.9		.050	.050
26		9.56	6.38	28.7	228.	256.	477.	222.	38.5		.050	.050
27	2.90	8.51	6.11	37.0	211.		434.	185.	35.6		.050	.050
28		7.55	6.82	35.9	160.	354.	491.	171.	32.7		.050	.050
29		7.09	8.36	30.1	133.	431.	640.	184.	30.1		.050	
30		5.72	7.40	29.0	112.	436.	611.	187.	28.2		.050	
31			6.80		111.	447.		193.		.194	.050	
MOY		6.58	5.29	12.4	118.	292.	530.	286.	98.6	13.7	.056	.050

STATION : CAHOMPEY

MOND

MCNC

ATHIEME

ALMEFG : 11400107

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.050	1.80	.713	40.9	2.57	13.4	549.	851.	87.8	14.3	4.36	2.48
2	.194	1.70	1.27	40.9	2.79	15.7	383.	847.	83.0	13.4	4.36	2.48
3	.254	1.52	1.70	28.7	3.03	34.4	376.	770.	89.1	12.5	4.36	2.48
4	.325	1.43	1.43	21.0	3.46	74.0	471.	630.	74.7	11.7	4.36	2.32
5	.406	1.27	1.19	17.7	3.63	67.3	575.	630.	66.7	11.3	4.36	2.32
6	.600	1.11	1.04	13.4	4.16	76.1	602.	575.	60.8	10.9	4.16	2.26
7	.655	.970	.902	11.3	4.56	74.7	699.	434.	55.6	10.1	4.16	2.26
8	.836	.902	.902	10.1	5.00	55.6	756.	395.	51.2	9.74	3.97	2.26
9	.970	.773	.836	9.02	5.23	48.8	781.	340.	48.8	9.37	3.97	2.20
10	1.04	.713	.902	8.34	4.78	58.8	748.	265.	44.5	9.02	3.80	2.20
11	1.11	.773	.970	7.39	5.00	97.0	752.		42.1	8.68	3.80	2.20
12	1.04	.713	1.11	5.98	6.52	183.	759.		38.5	8.34	3.63	2.20
13	.970	.773	1.27	5.00	5.98	188.	709.	227.	36.2	8.02	3.46	2.32
14	1.35	.836	1.52	4.36	6.52	199.	748.	204.	33.8	7.70	3.31	2.40
15	17.7	1.04	1.61	4.16	6.24	244.	783.	187.	32.7	7.70	3.31	2.32
16	16.7	1.19	1.43	3.46	10.9	264.	805.	171.	29.3	7.39	3.17	2.32
17	12.5	1.19	1.27	3.46	17.7	240.	811.	156.	28.2	7.09	3.17	2.20
18	8.02	1.43	1.43	3.03		249.	774.	143.	27.0	6.80	3.03	1.99
19	7.39	1.35	1.52	2.79	20.4	296.	709.	137.	25.9	6.52	3.03	1.89
20	5.98	1.51	1.70	2.57	27.6	214.	739.	127.	23.7	6.52	2.90	1.89
21	4.56	1.52	1.89	2.57	31.5	181.	783.	116.	22.6	5.98	2.90	1.80
22	4.16	1.43	1.99	2.68		180.	809.	107.	21.5	5.72	2.90	1.80
23	3.80	1.43	2.10	2.57	17.2		818.	98.4	21.0	5.47	2.90	1.70
24	3.17	1.27	5.00	2.40	12.1	198.	849.	94.1	18.8	5.23	2.79	1.61
25	2.57	1.19	5.47	2.26	9.37	200.	864.	104.	18.2	5.00	2.79	1.61
26	3.31	1.35	62.7	15.7	8.68	187.	875.	155.	17.2	5.00	2.79	1.61
27	2.57	1.11	66.7	12.1	8.34	387.	871.	126.	16.2	5.00	2.79	1.61
28	3.03	.902	37.9	7.70	8.68	383.	844.	137.	15.7	4.78	2.68	1.52
29	2.57	.836	43.9	5.00	9.02	528.	838.	145.	20.4	4.78	2.68	
30	2.20	.773	40.3	3.17	10.1	593.	844.	125.	19.9	4.56	2.68	
31	2.10		42.1		10.9	611.		101.		4.36	2.68	
MOY	3.62	1.16	10.8	9.99	10.2	204.	731.	287.	39.0	7.83	3.39	2.08

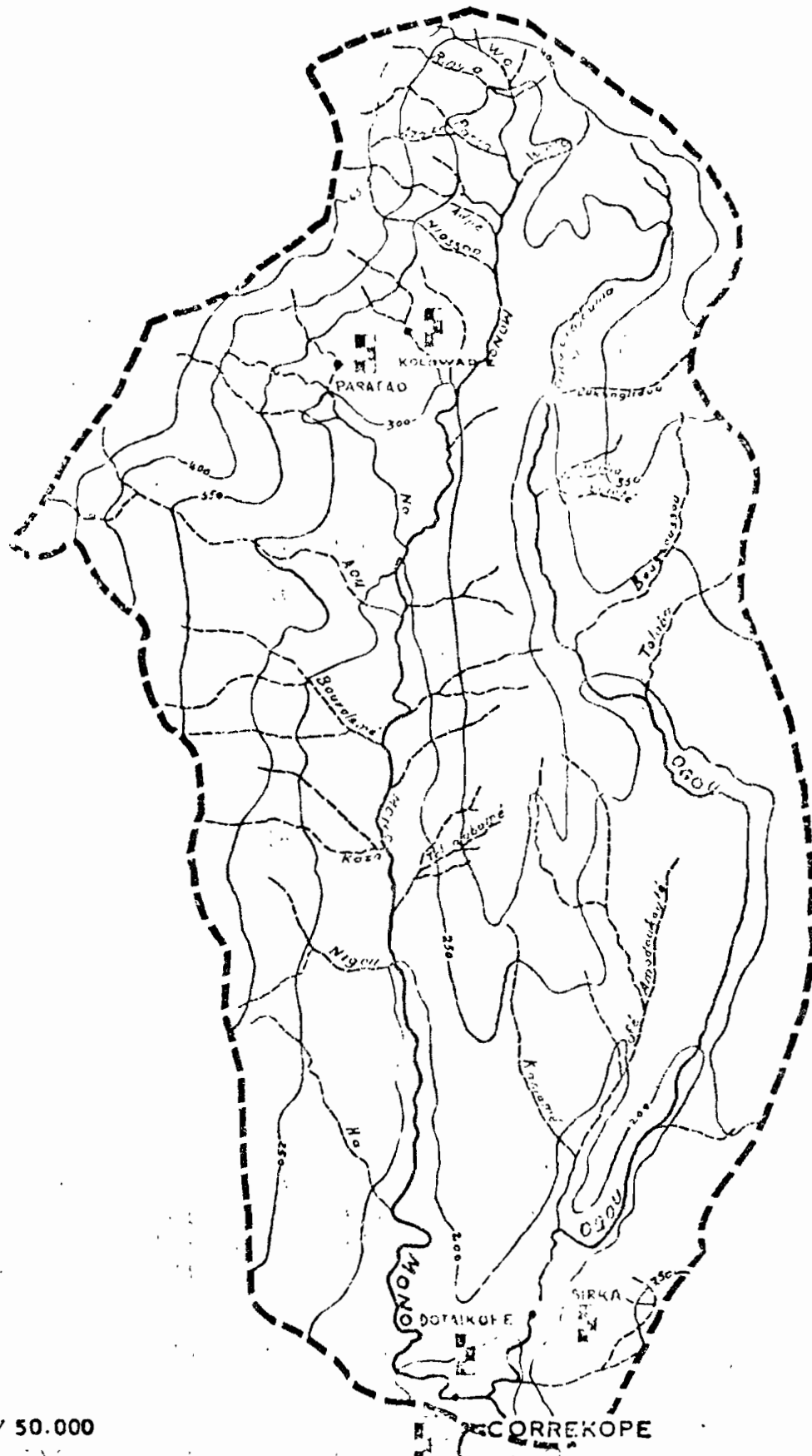
DEBIT MOYEN ANNUEL

109. M3/S

MONO A CORREKOPE

BASSIN VERSANT=9952Km²

NORD



Echelle: 1:750.000

CORREKOPE

ORSTOM

COMPLEMENTS: 21-11-73 46

DATE: 11/5/65 DESSINÉ: M. Sossah

T 263 II

Code : 47 40 01 09
bassin versant : 9 952 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l'O.R.S.T.O.M.

Coordonnées : 7° 48' N - 1° 18' E

Cote du zéro de l'échelle : 148 m environ, en nivellement I.G.N.

Accès : Route ANIE - I.R.C.T. - La station est à proximité immédiate des bâtiments de l'Institut de recherches.

Installations

L'échelle a été posée provisoirement le 11 septembre 1953 et définitivement le 2 juillet 1954. Elle comprend en rive droite, divers éléments de 1-3, 3-5, 5-7, 7-9 m sur fers IPN, complétés en 1957 par un élément de 9 à 10 m.

Le 30 juin 1964, un limnigraphe O T T X a été installé à 60 m en aval du radier, (mission SOFRELEC).

Le 12 juin 1969, pose d'une borne-repère non loin de l'échelle 9 - 10 mètres, à la cote 9,157 mètres.

L'O.R.S.T.O.M. exploite à cet endroit depuis 1964, en complément de la station de la Météorologie Nationale, un bac d'évaporation COLORADO et un anémomètre.

De 1965 à 1970, cette station a fait l'objet d'études spéciales de chimie des eaux et de transports solides (6 et 7 - bibliographie)

Lectures

Deux lectures par jour à 8h. et 18h., de bonne qualité.

Le limnigraphe, à durée de révolution hebdomadaire, enregistre les crues à partir de la cote 1,20 mètre.

Jaugeages - courbes de tarage

De Juillet 1954 au 20 Août 1973, 120 jaugeages ont été effectués à cette station, avec les extrêmes suivants :

maximum jaugé : 617 m³/s le 23-8-68 (cote 694 à 702 cm)

minimum jaugé : le débit peut être nul, plusieurs mois consécutifs.

Pour passage à l'ordinateur des années 1953 à 1971, on a retenu 4 courbes de tarage, à savoir :

courbe n° 1 : de 1953 à fin 1962

courbe n° 2 : de fin 1962 à l'étiage 1965-66

courbe n° 3 : de l'étiage 1966 à 1971

courbe n° 4 : pour les basses eaux 1970-71

CARACTERISTIQUES DU BASSIN

Hypsométrie

de 750 à 400 m.	9,7 %
400 à 300	35,2 %
300 à 200	47,8 %
200 à 148	7,3 %

Altitude moyenne : 305 mètres

Relief et Géologie

Plateau gneissique vallonné, sauf le nord et le nord-ouest du bassin beaucoup plus accidentés, constitués de quartzites avec passées schisteuses.

Végétation

Savane arborée plus ou moins dense avec lambeaux de forêts généralement très étroits le long des cours d'eau.

STATION : - TOGO

MCNO

MCNO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1953-1954 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1												86.8
2												127.
3												108.
4												91.8
5												80.1
6												65.4
7												58.6
8												58.4
9												68.8
10												76.2
11								130.	202.			
12								107.	122.			
13								80.1	112.			
14								192.	77.6			
15								294.	70.1			
16								274.	65.7			
17								291.	56.8			
18								120.	124.			
19								87.7	87.7			
20								148.	68.8			
21								202.	74.1			
22								96.5	77.6			
23								76.0	61.4			
24								74.9	56.5			
25								66.5	49.0			
26								64.2	41.9			
27								80.7	39.5			
28								80.3	35.1			
29								67.0	31.8			
30								64.9				
31												
MOY								129.	75.4			

STATION : TOGO

MCNO

MCNO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1954-1955 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1					22.9	95.3	33.1	49.4	7.24	.617	.140	
2				13.4	39.0	113.	26.8	43.2	6.79	.557	.122	
3				21.5	27.4	74.4	27.4	36.2	6.14	.521	.090	
4				14.0	29.8	47.0	26.8	33.3	5.73	.477	.074	
5				11.0	24.2	48.1	25.5	29.2	5.33	.435	.074	
6				9.33	21.3	78.7	22.9	26.0	4.57	.396	.090	
7				8.44	19.2	89.7	30.9	24.0	4.05	.360	.074	
8				30.1	17.7	53.6	25.1	21.8	3.72	.326	.617	
9				20.3	15.8	46.8	46.8	20.4	3.40	.326	.435	
10				16.1	16.0	46.3	50.5	19.0	3.10	.295	.396	
11				21.3	18.1	45.7	191.	17.7	2.81	.267	.360	
12				16.4	18.9	41.3	136.	16.4	2.67	.267	.326	
13				14.0	25.2	36.6	115.	15.2	2.31	.241	.267	
14				14.9	25.1	45.2	72.8	14.7	2.08	.241	.217	
15				17.8	35.1	55.1	109.	19.7	1.87	.217	.179	
16				44.6	30.6	37.9	208.	19.2	1.77	.197	.163	
17				29.6	25.3	35.3	106.	23.3	1.67	.179	.140	
18				25.1	24.4	35.7	134.	21.1	1.58	.163	.122	
19				35.5	22.2	37.7	279.	26.4	1.49	.163	.106	
20				33.1	19.9	30.6	123.	24.9	1.40	.150	.090	
21				88.2	20.7	27.6	88.0	19.4	1.24	.150	.074	
22				60.6	20.7	25.5	71.4	16.7	1.17	.150	.060	
23				54.1	21.3	40.4	65.7	14.7	1.09	.150	.060	
24				40.8	21.4	31.4	58.8	13.1	1.03	.140	.046	
25				37.3	22.3	30.0	52.5	11.7	.898	.122	.046	
26				31.8	36.5	25.5	47.4	11.0	.898	.122	.034	
27				28.6	39.9	22.5	43.0	10.1	.898	.179	.034	
28				28.2	45.9	21.3	38.4	9.46	.840	.163	.022	
29				36.6	40.4	34.2	45.4	8.69	.780	.217		
30				27.4	40.1	37.9	49.4	7.83	.780	.179		
31				24.9	41.5		49.4		.669	.150		
MOY				28.0	26.7	46.3	77.4	20.8	2.58	.262	.159	

STATION : TOGO

MCNO

MCNO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1955-1956 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.046	.150	.022	.669	94.8	533.	215.	438.	55.6	6.57	1.49	.435
2	.046	.140	.046	.840	53.9	569.	398.	561.	47.7	6.35	1.49	.396
3	.034	.122	.034	.567	40.1	428.	346.	646.	45.9	5.93	1.49	.326
4	.022	.435	.022	.477	24.0	462.	308.	613.	37.5	5.73	1.40	.241
5	.010	3.40	.046	.567	39.7	527.	317.	507.	34.9	5.33	1.32	.241
6	.010	1.40	.074	.521	39.3	481.	353.	449.	33.1	4.94	1.17	.197
7	.000	.567	.150	.723	27.0	348.	353.	399.	29.8	11.4	1.09	.179
8	.000	.255	.122	.617	23.6	287.	408.	364.	27.8	8.94	1.03	.163
9	.140	.241	.074	.723	25.5	172.	305.	259.	26.2	6.35	1.03	.163
10	.074	.179	.090	1.40	22.5	313.	329.	243.	24.7	4.76	.960	.163
11	.060	.150	.090	2.55	55.2	299.	462.	211.	23.6	4.05	.960	.150
12	.034	.140	.163	1.67	34.9	191.	499.	155.	22.2	4.05	.898	.140
13	.034	.050	.122	27.0	25.1	390.	244.	228.	20.7	3.88	.960	.122
14	.010	.074	1.87	18.7	24.3	353.	260.	227.	19.4	3.72	.960	.122
15	.010	.060	1.67	7.71	122.	279.	369.	234.	17.7	3.40	.898	.106
16	.000	.046	1.17	12.2	153.	298.	466.	128.	16.4	3.10	.898	.090
17	.000	.034	1.24	8.94	224.	193.	478.	102.	15.5	2.81	.780	.090
18	.000	.022	1.17	17.1	186.	149.	469.	91.8	14.6	2.67	.780	.074
19	.000	.034	1.32	18.0	139.	117.	527.	98.0	13.7	2.67	.617	.074
20	.000	.034	1.09	20.4	99.8	325.	511.	85.3	13.1	2.42	.723	.074
21	.000	.022	.567	24.7	89.4	359.	453.	84.7	12.2	2.31	.617	.060
22	.010	.010	.521	18.4	80.1	404.	342.	72.4	11.7	2.19	.567	.046
23	.000	.010	.477	17.6	165.	219.	471.	67.7	11.1	2.08	.567	.034
24	.000	.000	.435	17.4	191.	262.	471.	61.2	10.5	1.87	.617	.022
25	.000	.000	.356	24.0	184.	360.	355.	55.2	9.99	1.77	.567	.022
26	.000	.000	.255	23.6	146.	374.	262.	54.3	9.19	1.67	.617	.022
27	.000	.000	.267	24.0	230.	303.	303.	68.8	8.68	1.58	.567	.022
28	.000	.000	.241	19.7	355.	131.	413.	96.7	8.19	1.49	.567	.255
29	.140	.000	.197	15.2	429.	240.	364.	104.	7.47	1.49	.521	.969
30	.106	.000	.197	33.6	552.	288.	394.	94.2	7.01	1.49	.477	.1
31	.122		.669		489.	147.		67.2		1.49	.435	
MOY	.029	.255	.479	12.0	141.	316.	382.	221.	21.2	3.82	.873	.576

DEBIT MOYEN ANNUEL

92.0

M3/S

STATION : 1060

MCNO

MONO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1956-1957 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	6.47	1.06	.163	.398	2.19	22.2	80.7	54.7	10.5	1.78	.295	.000
2	4.14	.840	.150	.781	1.63	19.4	73.6	92.4	9.72	1.92	.295	.000
3	3.24	.724	.122	1.32	1.28	14.7	55.4	103.	8.19	2.08	.241	.000
4	2.55	.569	.106	1.13	1.06	17.2	40.6	83.0	7.47	2.15	.241	.000
5	2.08	.416	.106	.996	.960	14.3	34.2	129.	7.01	6.30	.217	.000
6	1.82	.396	.150	.670	.811	11.5	38.2	146.	6.57	3.17	.197	.000
7	1.37	.435	.150	.617	.723	9.59	34.9	122.	5.93	2.26	.179	.000
8	.992	.360	.106	.592	.617	8.94	52.6	103.	5.52	1.54	.163	.000
9	.839	.343	.060	.499	.758	10.5	87.0	84.1	5.13	1.36	.150	.000
10	.670	1.66	.046	.547	.993	8.94		106.	4.94	2.48	.140	.000
11	.567	1.82	.090	.617	3.18	7.36		90.3	4.57	3.48	.122	.000
12	.522	1.54	.090	2.40	3.02	6.57	83.5	70.9	4.05	2.67	.106	.000
13	.435	1.41	.060	2.76	2.31	7.86	77.3	62.9	3.88	2.68	.106	.000
14	.396	1.73	.074	2.31	2.04	9.19	88.8	59.7	3.88	2.49	.090	.000
15	.360	1.29	.060	1.87	3.10	8.46	128.	51.6	5.73	1.77	.090	.000
16	.378	.993	.060	1.24	3.90	16.6	99.8	42.6	5.93	1.67	.074	.000
17	.416	.960	.060	1.36	7.47	16.3	75.7	35.7	5.05	1.49	.074	.000
18	.396	.960	.060	1.17	6.91	11.7	73.1	32.7	4.05	1.24	.060	.000
19	.254	.840	.046	.929	8.01	14.1	106.	28.2	3.32	1.09	.060	.000
20	.229	.669	.034	1.18	6.90	19.3	92.6	30.0	2.95	.960	.046	.000
21	.281	.477	.034	1.58	8.23	12.2	78.4	26.6	2.68	.840	.046	.000
22	.416	.360	.034	1.69	7.59	9.33	91.5	23.4	2.42	.723	.034	.000
23	.567	.326	.034	4.76	5.93	9.19	94.5	23.4	2.14	.669	.034	.000
24	.643	.295	.040	2.24	5.23	8.31	89.2	19.2	2.03	.567	.034	.000
25	.669	.241	.047	4.48	4.58	21.6	66.5	17.1	2.68	.521	.022	.000
26	.522	.241	.028	7.95	5.12	31.3	60.5	15.0	2.31	.477	.034	.000
27	.801	.241	.022	6.04	3.48	32.1	55.6	13.7	2.14	.435	.034	.000
28	2.03	.241	.046	4.76	4.05	70.3	78.3	12.4	2.14	.435	.022	.000
29	2.14	.217	.034	3.72	10.0	59.1	73.5	11.5	1.82	.396	.010	
30	1.54	.179	.107	2.88	8.44	58.0	62.7	11.1	1.67	.360	.000	
31	1.17		.288		23.6	64.7		10.8		.295	.000	
MOY	1.25	.728	.081	2.12	4.65	20.4	74.8	55.2	4.55	1.62	.104	.000

DEBIT MOYEN ANNUEL

13.8 M3/S

STATION : TOGO

PCNO :

MONO :

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.122	17.4	110.	72.7	376.	420.	109.	18.9	5.73	1.24
2	.000	.000	.058	22.0	110.	437.	319.	329.	95.8	18.2	5.52	1.24
3	.000	.000	.090	64.8	135.	557.	382.	211.	86.1	35.3	5.33	1.17
4	.000	.000	.082	16.3	107.	300.	353.	256.	229.	43.5	4.94	1.09
5	.000	.000	.074	12.1	67.1	458.	374.	263.	164.	53.2	4.76	1.03
6	.000	.000	.060	9.20	94.2	359.	268.	446.	125.	42.6	4.57	1.03
7	.000	.000	.046	7.83	153.	220.	414.	271.	91.9	33.3	4.39	.960
8	.000	.000	.034	7.24	331.	160.	590.	185.	76.3	26.6	4.05	.898
9	.000	.000	.677	4.85	320.	179.	691.	308.	76.8	22.5	3.72	.840
10	.000	.000	1.24	6.06	345.	262.	771.	481.	73.3	19.5	3.40	.780
11	.000	.000	.996	122.	486.	269.	766.	280.	59.5	17.44	3.10	.723
12	.000	.000	.780	265.	317.	368.	557.	146.	54.5	15.2	2.95	.669
13	.000	.000	.617	65.5	144.	290.	403.	179.	51.2	13.8	3.10	.669
14	.000	2.67	.617	36.3	156.	265.	591.	182.	45.4	12.0	2.67	.617
15	.000	1.67	.456	112.	483.	270.	754.	439.	43.5	12.1	2.55	.617
16	.000	.960	.328	94.8	301.	409.	870.	409.	39.9	11.2	2.31	.567
17	.000	.840	.267	85.8	185.	476.	726.	505.	36.0	10.8	2.19	.521
18	.000	.617	.241	108.	230.	411.	479.	502.	31.8	10.5	2.08	.477
19	.000	.617	.360	133.	235.	433.	511.	296.	29.6	11.1	2.08	.435
20	.000	.521	.267	261.	137.	318.	366.	212.	29.4	11.1	2.08	.396
21	.000	.396	.241	148.	150.	301.	292.	175.	74.0	9.99	1.97	.360
22	.000	.295	.5.43	147.	132.	400.	365.	155.	59.7	9.72	1.97	.360
23	.000	.267	4.85	119.	123.	426.	327.	141.	44.3	9.72	1.97	.326
24	.000	.477	7.26	83.1	130.	359.	411.	138.	32.3	9.46	1.97	.326
25	.000	.267	24.5	62.0	108.	343.	318.	270.	23.8	8.68	1.97	.326
26	.000	.179	31.7	51.0	82.4	419.	241.	199.	25.7	8.19	1.87	.326
27	.000	.163	20.8	43.9	123.	391.	292.	149.	23.4	7.71	1.87	.295
28	.000	.179	20.6	39.0	179.	309.	329.	198.	21.3	7.24	1.67	.267
29	.000	.163	17.2	34.9	156.	410.	481.	197.	20.2	7.24	1.49	
30	.000	.150	15.5	128.	107.	509.	538.	150.	18.9	6.57	1.40	
31	.000		13.7		86.2	406.		123.		6.35	1.32	
MOY	.000	.348	5.46	76.9	188.	350.	472.	265.	63.2	17.1	2.94	.663

DEBIT MOYEN ANNUEL 1957-1958 121410 M3/S

STATION : IOGO

MCNO

MONO

CORREKOPE

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.241	.197	.670	.651	8.43	1.06	3.63	19.4	1.32	.993	.360	.074
2	.267	.179	.478	2.57	7.24	.933	4.14	17.6	1.09	.929	.360	.060
3	.326	.179	.396	4.41	6.14	.810	3.72	15.8	1.03	.839	.360	.046
4	.360	.179	.378	3.05	5.13	.752	3.02	16.7	.960	.780	.326	.022
5	.521	.163	.435	1.93	5.13	.617	3.97	18.3	.898	.723	.295	.010
6	.360	.197	11.6	1.29	4.39	.544	18.6	18.4	.840	.696	.295	.010
7	.326	.197	4.94	.962	4.39	.477	10.1	14.6	.723	.723	.267	.010
8	.295	.197	4.05	.752	3.88	.521	9.07	12.2	.617	.643	.267	.010
9	.241	.179	5.13	.669	3.24	.567	7.71	11.1	.669	.567	.267	.000
10	.217	.163	3.73	.669	2.67	.521	7.71	21.6	.669	.567	.241	.000
11	.241	.179	2.55	.643	2.42	.456	7.13	38.2	.567	.733	.241	.000
12	.217	.217	1.45	.618	2.19	.567	5.23	26.3	.521	1.01	.217	.000
13	.197	.217	1.13	1.36	4.22	.499	4.76	19.6	.477	.618	.217	.000
14	.179	.197	.900	14.4	4.57	17.6	3.96	15.2	.477	.456	.217	.000
15	.179	.179	.752	22.3	7.01	13.2	4.05	12.4	.477	.378	.217	.000
16	.163	.267	.643	10.8	5.73	10.1	3.88	10.8	.477	1.45	.197	.000
17	.179	.241	.567	9.46	4.76	6.58	3.88	10.3	1.21	3.50	.197	.000
18	.150	.217	.477	77.9	4.05	5.43	4.14	8.94	1.82	3.03	.197	.000
19	.140	.217	.567	32.8	3.03	4.76	4.57	7.95	1.24	2.42	.179	.000
20	.140	.241	.477	19.4	2.88	3.96	19.3	7.01	1.28	2.10	.179	.000
21	.140	4.66	.360	24.2	2.37	3.48	38.8	6.14	1.83	1.32	.179	.000
22	.140	3.72	.360	23.4	2.25	2.88	40.8	5.33	2.74	1.17	.163	.000
23	.140	3.17	.396	20.9	2.14	2.67	44.1	5.13	2.37	.996	.163	.000
24	.106	2.20	.360	14.9	2.03	2.55	44.3	4.57	2.03	.810	.150	.000
25	.106	1.77	.435	11.1	1.92	2.25	38.4	3.72	2.19	.752	.122	.000
26	.106	1.41	.356	9.59	1.72	1.77	27.4	3.40	1.87	.669	.106	.000
27	.090	.811	.360	9.20	1.49	1.77	24.4	3.24	2.14	.643	.106	.000
28	.090	.544	.326	10.8	1.72	1.77	27.0	2.42	2.25	.567	.090	.000
29	.074	.478	.295	11.2	1.67	1.45	24.2	1.97	1.68	.567	.090	
30	.074	.567	.326	9.73	1.45	2.24	21.1	1.87	1.32	.521	.074	
31	.074		.326		1.20	4.94		1.49		.456	.074	
MOY	.196	.791	1.46	11.7	3.60	3.15	15.4	11.7	1.26	1.02	.207	.009

DEBIT MOYEN ANNUEL

4.21 M3/S

STATION : TOGO

PCNO

MONO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
01	.000	2.21	1.03	.567	.869	108.	65.5	290.	19.9	4.54	.898	.326
02	.000	1.49	.898	.477	1.03	89.1	55.2	236.	18.0	4.39	.898	.295
03	.000	1.03	.640	.435	.839	70.7	54.3	157.	17.7	4.22	.840	.267
04	.000	.869	.617	.360	.592	76.8	49.6	150.	16.7	3.72	.840	.267
05	.000	2.14	.840	.326	.592	60.2	63.5	186.	17.3	3.10	.840	.241
06	.000	1.12	.840	.360	.567	59.5	97.5	145.	19.5	2.95	.780	.217
07	.000	.724	.780	.360	2.43	53.7	105.	103.	18.9	2.81	.780	.217
08	.000	.724	.669	.360	1.73	42.6	158.	92.4	14.7	2.55	.780	.197
09	.000	.752	.617	.295	2.55	37.1	142.	81.0	12.2	2.55	.780	.179
10	.000	.618	.567	.267	2.55	32.0	128.	73.5	11.0	2.42	.780	.163
11	.000	.521	.521	.360	38.6	27.0	133.	108.	9.85	2.19	.840	.140
12	.000	.477	2.95	.360	20.6	24.7	148.	238.	9.46	2.19	.780	.140
13	.000	.343	2.95	.326	17.7	24.3	160.	275.	9.07	2.08	.780	.140
14	.000	.311	2.67	.477	19.9	20.6	115.	198.	8.43	1.87	.723	.122
15	.000	.281	2.55	.396	21.8	17.2	247.	97.5	7.83	1.77	.723	.122
16	.000	.254	2.95	.360	38.0	16.4	182.	79.9	8.07	1.67	.669	.106
17	.000	.229	2.00	.295	39.5	14.4	149.	66.5	10.8	1.58	.669	.090
18	.000	.499	1.41	.295	90.0	15.5	171.	60.2	7.95	1.58	.617	.074
19	.000	.674	1.03	.295	53.4	14.3	318.	54.3	9.35	1.32	.567	.046
20	.000	.477	.869	.295	33.8	13.2	477.	49.9	7.36	1.24	.521	.034
21	.000	.8.31	.752	.267	51.6	12.5	535.	42.8	6.90	1.24	.477	.022
22	.000	.6.17	.696	.295	69.1	10.3	346.	41.9	6.35	1.17	.477	.000
23	.000	.2.63	.696	.267	47.4	9.85	267.	53.4	5.73	1.17	.477	.000
24	1.27	1.24	.592	.241	44.1	9.33	192.	44.1	5.04	1.09	.435	.000
25	3.10	.628	1.49	.217	79.2	13.4	237.	70.9	5.13	1.09	.435	.000
26	3.43	.544	1.45	.217	97.3	21.8	365.	59.5	13.0	1.09	.435	.000
27	4.31	.499	1.29	.360	103.	41.9	305.	42.6	6.68	1.03	.435	.000
28	8.50	.573	.993	.521	179.	35.3	259.	34.2	5.63	1.03	.396	.000
29	5.27	.532	.752	.598	158.	67.3	307.	29.0	5.93	1.03	.396	.000
30	2.49	1.29	.669	1.03	165.	84.8	389.	25.3	5.33	.960	.360	
31	2.22		.669		127.	83.9		22.2		.960	.326	
MOY	.999	1.27	1.21	.386	49.4	39.0	207.	102.	10.7	2.03	.637	.117

DEBIT MOYEN ANNUEL 34.5 M3/S

STATION : TOGO

MCNO

MONO

CORREKOPE

NUMERO : 47400109

DEBITS MCYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	1.77	19.4	.567	51.2	236.	214.	260.	47.4	5.73	.898	.197
2	.000	1.77	8.56	.521	38.8	137.	175.	320.	45.7	4.94	.840	.179
3	.000	1.58	5.06	.521	140.	138.	141.	333.	41.0	4.57	.780	.179
4	.000	1.28	2.82	.521	171.	216.	184.	289.	47.2	4.39	.723	.179
5	.000	1.17	2.03	.840	226.	157.	239.	307.	53.9	4.05	.669	.179
6	.000	5.39	1.63	.618	129.	140.	234.	250.	57.4	3.88	.669	.163
7	.000	2.16	1.32	.696	80.6	238.	260.	194.	51.0	3.72	.617	.163
8	.000	1.63	1.28	.669	60.0	166.	232.	166.	46.8	4.05	.617	.150
9	.000	1.24	1.20	.643	51.6	151.	268.	296.	35.7	4.22	.521	.150
10	.000	1.06	1.09	.617	48.3	147.	517.	191.	30.6	3.55	.477	.150
11	.000	.960	1.13	3.65	47.0	255.	624.	139.	27.0	3.24	.477	.150
12	.000	.869	.960	7.83	41.9	199.	547.	174.	24.2	3.24	.435	.150
13	.000	.810	.960	5.84	65.5	173.	469.	147.	21.6	3.10	.435	.140
14	.000	.780	.960	3.97	93.1	176.	515.	185.	19.9	2.95	.396	.140
15	.000	.723	.960	3.80	135.	166.	357.	232.	18.7	2.67	.396	.140
16	.000	.993	.810	3.44	89.9	159.	393.	208.	21.3	2.55	.360	.140
17	.000	.960	1.61	8.20	70.4	186.	434.	169.	17.4	2.31	.360	.140
18	.000	.960	1.03	6.79	53.9	311.	306.	191.	14.9	2.08	.326	.140
19	.000	.929	.900	7.29	49.6	364.	333.	124.	12.9	1.97	.326	.140
20	.000	.840	.723	12.2	45.2	251.	419.	102.	11.5	1.87	.326	.140
21	.000	.840	.724	11.2	42.8	182.	487.	88.5	11.1	1.77	.295	.122
22	.000	.780	.900	17.4	56.8	144.	446.	76.8	10.4	1.58	.295	.122
23	.000	1.14	.780	19.4	74.6	152.	413.	111.	9.72	1.40	.295	.122
24	2.21	1.24	.696	41.6	79.4	135.	387.	134.	8.69	1.32	.295	.122
25	8.19	1.77	.643	43.6	76.3	122.	255.	93.2	7.71	1.24	.295	.122
26	7.43	2.08	.567	48.5	101.	112.	471.	73.0	7.36	1.17	.267	.106
27	20.9	1.77	.521	51.6	224.	262.	622.	78.8	6.90	2.08	.241	.106
28	11.0	2.08	.669	58.1	182.	333.	662.	64.4	6.46	1.32	.217	.106
29	3.81	2.04	.643	56.1	281.	226.	318.	56.7	6.14	1.17	.217	
30	2.48	1.63	.567	63.2	301.	167.	269.	51.2	5.83	1.09	.217	
31	2.31		.567		362.	144.		47.9		.960	.217	
MOY	1.88	1.44	1.99	16.0	112.	192.	373.	166.	24.2	2.72	.436	.144

DEBIT MCYEN ANNUEL

74.6

M3/S

STATION : TOGO

RCCNO

MONO

CORREKOE

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
0011	.090	.000	.000	.000	.360	54.5	19.5	53.0	5.13	.217	.000	.000
0012	.074	.000	.000	.000	.326	59.3	16.9	46.3	4.57	.217	.000	.000
0013	.060	.000	.000	.022	.326	55.2	16.9	53.6	4.22	.197	.000	.000
0014	.046	.000	.000	.022	1.17	78.9	14.3	58.8	3.55	.197	.000	.000
0015	.022	.000	.000	.010	.898	107.	18.4	55.5	3.24	.179	.000	.000
0016	.010	.000	.000	.000	.435	71.0	16.0	44.8	2.67	.179	.000	.000
0017	.000	.000	.000	.000	.617	58.3	19.2	37.7	2.42	.163	.000	.000
0018	.000	.000	.000	.046	3.40	55.2	95.3	57.9	2.08	.163	.000	.000
0019	.000	.000	.022	.396	4.39	41.9	99.8	106.	1.87	.163	.000	.000
0020	.000	.000	.295	.197	5.52	49.0	128.	71.1	1.58	.150	.000	.000
0021	.000	.000	.197	.150	4.22	48.5	103.	55.6	1.40	.150	.000	.000
0022	.000	.000	.140	.197	2.07	38.3	82.4	52.3	1.32	.140	.000	.000
0023	.060	.000	.106	.163	6.57	31.4	60.7	41.0	1.09	.140	.000	.000
0024	.000	.000	.150	.140	27.8	28.4	55.6	36.4	1.03	.122	.000	.000
0025	.000	.000	.140	.140	22.0	36.2	51.4	32.9	.898	.122	.000	.000
0026	.000	.000	.122	.140	23.7	37.1	79.6	29.4	.840	.122	.000	.000
0027	.000	.000	.106	.140	59.3	29.2	87.6	26.8	.723	.106	.000	.000
0028	.000	.000	.106	.140	44.1	25.3	68.5	22.0	.617	.106	.000	.000
0029	.000	.000	.140	.106	30.2	23.4	59.4	19.0	.567	.106	.000	.000
0030	.000	.000	.106	.106	33.6	29.6	59.0	16.9	.521	.090	.000	.000
0031	.000	.000	.106	.090	54.3	32.0	51.2	15.5	.435	.090	.000	.000
0032	.000	.000	.196	.090	56.3	25.5	48.1	14.7	.396	.074	.000	.000
0033	.000	.000	.090	.217	48.1	23.1	41.5	13.8	.360	.060	.000	.000
0034	.000	.000	.074	.163	36.8	23.1	107.	11.7	.360	.060	.000	.000
0035	.000	.000	.074	.140	61.6	22.5	60.2	11.1	.326	.060	.000	.000
0036	.000	.000	.060	.106	53.0	24.0	61.3	10.8	.295	.046	.000	.000
0037	.000	.000	.046	.106	55.7	33.1	44.6	9.20	.267	.034	.000	.000
0038	.000	.000	.034	.140	121.6	24.5	55.5	7.95	.267	.022	.000	.000
0039	.000	.000	.022	.217	95.8	20.7	32.2	6.80	.241	.000	.000	
0040	.000	.000	.010	.217	77.6	23.8	40.6	6.04	.241	.000	.000	
0041	.000		.000		54.7	22.2		5.63		.000	.000	
MOY	.010	.000	.073	.120	32.1	39.8	56.3	33.2	1.45	.112	.000	.000

DEBIT MOYEN ANNUEL 13.730 M3/S

STATION : TOGO PCNO MONO CORREKOPÉ

NLMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	1.67	142.	297.	351.	169.	52.7	27.1	2.19	.166
2	.000	.000	.000	1.24	170.	320.	491.	239.	49.0	25.5	1.84	.134
3	.000	.000	.000	.962	141.	443.	324.	176.	45.9	19.7	1.84	.134
4	.000	.000	.000	.752	186.	414.	302.	151.	44.8	17.1	1.84	.106
5	.000	.000	.000	.569	107.	439.	278.	392.	42.4	14.3	1.62	.080
6	.000	.000	.000	.456	77.2	274.	210.	420.	41.0	12.5	1.51	.080
7	.000	.000	.000	.396	55.6	303.	248.	318.	44.3	11.4	1.40	.058
8	.000	.000	.000	1.91	47.0	268.	316.	393.	47.2	10.4	1.29	.058
9	.000	.000	.000	.592	50.1	266.	293.	329.	45.0	9.72	1.19	.058
10	.000	.000	.000	.573	41.2	169.	410.	247.	88.4	8.81	.980	.058
11	.000	.000	.000	4.95	45.0	124.	422.	369.	54.3	8.31	.881	.038
12	.000	.000	.000	6.17	62.3	113.	263.	357.	45.0	7.83	.787	.038
13	.000	.000	.000	10.5	116.	95.5	296.	251.	41.5	7.36	.699	.022
14	.000	.000	.000	7.01	100.	237.	317.	222.	34.9	6.90	.699	.022
15	.000	.000		7.99	85.0	190.	232.	346.	58.2	6.35	.617	.022
16	.000	.000	1.03	11.4	123.	136.	327.	266.	47.7	6.14	.540	.106
17	.000	.000	.898	5.54	141.	103.	473.	182.	36.6	6.14	.540	.080
18	.000	.000	.567	7.29	91.5	140.	497.	145.	31.2	5.52	.469	.058
19	.000	.000	.435	11.2	56.3	120.	278.	126.	41.7	5.33	.403	.038
20	.000	.000	.521	7.47	38.3	120.	199.	114.	29.8	4.94	.343	.022
21	.000	.000	.396	159.	80.3	209.	151.	100.	24.3	4.57	.343	.022
22	.000	.000	.396	187.	114.	200.	285.	204.	22.9	4.05	.289	.038
23	.000	.000	.435	194.	176.	167.	353.	105.	27.5	4.05	.240	.038
24	.000	.000	.360	147.	111.	206.	267.	143.	27.6	4.05	.202	.022
25	.000	.000	.396	70.7	82.7	394.	244.	254.	24.2	3.55	.202	.022
26	.000	.000	.360	56.6	61.5	365.	250.	195.	22.0	3.24	.166	.022
27	.000	.000	.477	48.1	59.3	446.	250.	129.	20.9	2.95	.166	.540
28	.000	.000	5.33	56.6	48.3	433.	392.	92.8	18.9	2.81	.166	.403
29	.000	.000	3.55	122.	59.4	383.	281.	77.1	17.6	2.67	.202	
30	.000	.000	2.55	197.	59.2	299.	224.	68.0	36.0	2.55	.166	
31	.000		1.77		49.6	251.		59.7		2.31	.166	
MOY	.000	.000	.644	44.2	89.6	256.	308.	214.	38.8	8.32	.773	.089

DEBIT MOYEN ANNUEL

80.5 M3/S

STATION : TOGO

MCNO

MCNO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	2.31	.134	.000	1.04	28.1	232.	773.	271.	231.	14.6	3.88	1.51
2	5.93	.106	.000	.504	30.1	203.	404.	301.	270.	13.7	3.72	1.40
3	5.73	.080	.000	.472	47.4	390.	588.	303.	190.	12.8	3.55	1.29
4	4.05	.058	.000	.834	29.8	517.	686.	288.	164.	12.2	3.55	1.08
5	4.22	.058	.000	9.86	19.0	534.	701.	242.	120.	11.4	3.40	.980
6	3.55	.038	.000	7.86	19.4	395.	672.	374.	112.	10.8	3.24	.990
7	3.72	.038	.000	4.41	19.1	248.	506.	432.	99.2	10.5	3.24	.881
8	3.40	.022	.000	2.78	10.1	219.	425.	354.	87.9	10.3	2.95	.881
9	3.24	.010	.000	1.79	14.6	456.	397.	283.	79.6	9.99	2.95	.881
10	3.40	.010	.000	1.78	27.9	581.	564.	442.	69.0	9.72	2.81	.787
11	4.94	.000	.000	1.95	210.	471.	489.	417.	62.2	9.46	2.67	.699
12	3.55	.000	.699	2.78	110.	408.	582.	323.	57.4	9.19	2.55	.699
13	2.55	.106	4.05	3.56	61.6	331.	654.	478.	52.1	8.94	2.42	.617
14	2.07	.080	1.73	3.48	118.	344.	515.	444.	48.5	8.43	2.31	.540
15	1.62	.058	1.51	2.95	111.	574.	565.	340.	45.0	8.19	2.19	.540
16	1.40	.038	.787	2.31	200.	603.	342.	320.	41.7	7.71	2.07	.540
17	1.19	.058	.469	2.96	152.	571.	240.	256.	38.6	7.71	2.07	.469
18	.787	.038	.469	2.37	169.	393.	277.	271.	35.7	7.47	1.95	.469
19	.617	.022	.980	4.58	501.	269.	259.	216.	35.3	7.24	1.95	.343
20	.469	.022	1.84	4.33	306.	296.	278.	204.	32.5	6.79	1.84	.289
21	.343	.022	3.55	3.17	174.	368.	234.	176.	31.2	6.79	1.84	.240
22	.343	.010	2.67	2.61	332.	349.	262.	399.	28.8	6.14	1.73	.240
23	.289	.010	2.31	2.31	311.	255.	442.	542.	27.4	5.93	1.73	.289
24	.240	.010	4.22	1.84	303.	214.	399.	638.	27.0	5.52	1.62	.202
25	.202	.010	1.51	1.56	250.	224.	256.	514.	23.2	5.33	1.51	.166
26	.166	.000	1.19	13.2	266.	247.	193.	308.	20.6	5.13	1.51	.166
27	.166	.000	.881	9.49	250.	102.	163.	276.	19.0	4.94	1.51	.166
28	.166	.000	.617	8.01	613.	449.	263.	206.	17.7	4.76	1.51	.166
29	.202	.000	.469	30.1	757.	603.	244.	171.	16.6	4.57	1.73	.134
30	.166	.000	.343	36.6	615.	711.	297.	190.	15.3	4.05	1.95	
31	.166		3.24		246.	783.		262.		4.05	1.62	
MOY	1.97	.035	1.08	5.71	207.	401.	428.	330.	70.0	8.20	2.37	.608

DEBIT MOYEN ANNUEL

122. M3/S

STATION : TOGO

NCNC

MONO

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBR
1	.134	.010	.980	.469	1.95	174.	361.	119.	21.1	3.55	.980	.289
2	.134	.000	.881	.403	1.73	206.	426.	132.	19.7	3.40	1.19	.239
3	.106	.010	1.19	.469	1.73	140.	331.	130.	18.0	3.10	1.08	.240
4	.106	.106	.617	.403	1.73	108.	353.	104.	16.4	2.81	.881	.240
5	.106	.106	.540	.699	1.84	84.7	351.	87.6	15.5	2.55	.980	.202
6	.134	.106	.469	.617	1.40	76.2	558.	77.3	16.4	2.43	.699	.202
7	.106	.202	.403	.699	1.40	80.1	534.	73.5	16.7	2.31	.617	.202
8	.106	.343	.343	.617	3.72	134.	334.	74.1	14.0	2.31	.881	.202
9	.080	.240	.289	.617	3.40	129.	342.	85.3	12.8	2.19	.707	.202
10	.080	.166	.289	.699	3.10	104.	429.	66.7	11.0	2.19	.767	.166
11	.080	.134	.469	.617	2.81	136.	458.	57.9	11.4	2.07	.540	.166
12	.058	.134	1.29	8.43	7.01	181.	537.	51.2	11.4	1.95	.540	.166
13	.058	.106	1.08	6.57	15.5	176.	536.	46.8	11.4	1.84	.540	.166
14	.038	.106	.881	3.88	19.4	165.	366.	44.1	10.5	1.73	.469	.980
15	.038	.106	.881	4.94	61.2	227.	266.	42.4	10.3	1.73	.403	1.04
16	.022	.403	.787	4.94	49.0	162.	226.	53.9	9.19	1.91	.403	1.029
17	.010	.403	.881	3.10	38.8	133.	433.	84.1	9.19	1.22	.540	.617
18	.010	.469	.980	2.31	29.4	113.	609.	51.2	8.43	1.29	.540	.403
19	.010	.469	.980	1.73	25.1	98.6	603.	45.4	7.71	1.19	.617	.343
20	.000	.881	2.95	1.62	19.7	100.	451.	44.6	7.47	1.13	.469	.289
21	.022	1.08	7.24	1.73	21.4	198.	565.	40.6	7.01	1.19	.469	.240
22	.010	.469	3.88	2.19	20.4	190.	247.	36.2	6.57	1.03	.403	.202
23	.010	.289	2.31	2.95	17.4	163.	220.	32.7	6.14	.980	.403	.166
24	.080	.240	1.84	2.67	59.3	114.	203.	30.2	5.73	.980	.343	.202
25	.058	3.24	1.51	2.19	197.	91.8	173.	28.6	5.33	.881	.403	.403
26	.038	2.55	1.40	2.95	99.8	83.0	321.	30.2	4.94	.881	.469	.403
27	.022	1.95	1.29	3.88	77.3	154.	191.	31.2	4.57	.787	.403	.403
28	.022	1.62	1.08	5.13	61.7	127.	242.	30.6	4.22	.707	.403	.243
29	.106	1.51	.881	2.81	110.	123.	187.	28.6	3.88	.699	.343	
30	.058	1.29	.699	2.31	316.	156.	137.	29.0	3.72	.699	.343	
31	.022		.617		177.	232.		24.3		.787	.343	
MOY	.060	.625	1.29	2.42	46.7	145.	360.	58.5	10.4	1.69	.590	.288

DEBIT MOYEN ANNUEL

51.9 M3/S

STATION : TOGU

MCNO

MONO

CORREKOPÉ

NUMERO : 474CC109

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.289	.000	.578	5.47	96.1	351.	244.	94.7	11.4	.427	.010	.000
2	.289	.000	.403	7.26	69.9	288.	326.	80.2	10.3	.427	.010	.000
3	.403	.000	.316	5.14	169.	222.	325.	79.7	8.95	.364	.005	.000
4	.289	.000	.289	3.72	288.	189.	313.	89.9	8.13	.364	.005	.000
5	.240	.000	.289	2.95	187.	153.	270.		7.39	.303	.005	.000
6	.202	.000	.264	2.81	87.3	231.	186.	227.	6.75	.303	.000	.000
7	.202	.000	.221	2.37	301.	243.	201.	168.	6.23	.245	.000	.000
8	.166	.000	.202	1.78	188.	246.	201.	105.	6.04	.245	.000	.000
9	.240	.000	.166	1.84	108.	229.	186.	79.5	5.32	.190	.000	.000
10	.134	.000	4.76	2.13	91.8	182.	173.	69.4	4.81	.190	.000	.000
11	.240	.000	3.25	1.62	72.3	159.	289.	78.8	4.30	.154	.000	.000
12	.289	.000	2.19	1.24	404.	144.	275.	110.	3.98	.154	.000	.000
13	.240	.000	1.67	1.13	405.	123.	427.	68.0	3.51	.120	.000	.000
14	.202	.000	1.29	6.19	284.	363.	298.	54.7	3.20	.120	.000	.000
15	.166	.000	1.19	10.9	238.	526.	339.	47.2	3.05	.088	.000	.000
16	.166	.000	1.13	18.4	176.	603.	272.	42.4	2.76	.058	.000	.000
17	.134	.000	.884	27.0	242.	413.	247.	37.6	2.33	.058	.000	.000
18	.134	.000	.702	33.3	312.	246.	277.	34.1	2.19	.058	.000	.000
19	.134	.000	.628	30.0	169.	171.	234.	32.1	1.92	.058	.000	.000
20	.134	.000	1.08	44.5	127.	173.	194.	28.6	1.69	.030	.000	.000
21	.106	.000	.881	44.6	128.	287.	348.	25.8	1.58	.030	.000	.000
22	.058	.000	.743	50.6	197.	262.	267.	29.9	1.48	.030	.005	.000
23	.038	.000	.658	38.6	199.	223.	186.	27.0	1.29	.030	.000	.000
24	.038	.000	.472	70.3	223.	256.	171.	23.5	1.20	.023	.000	.000
25	.022	.000	.373	49.4	311.	280.	184.	20.8	1.03	.023	.000	.000
26	.022	.000	.373	38.2	342.	257.	158.	18.2	.860	.023	.000	.000
27	.010	.343	2.06	37.1	292.	183.	134.	16.4	.781	.023	.000	.000
28	.010	.403	2.95	141.	341.	254.	117.	15.9	.705	.023	.000	.000
29	.000	.881	2.13	105.	299.	539.	115.	14.2	.561	.016	.000	
30	.000	.787	1.84	146.	228.	471.	116.	12.4	.492	.016	.000	
31	.000		4.10		273.	301.		11.9		.016	.000	
MCY	.148	.080	1.23	31.2	221.	276.	236.	61.3	3.81	.136	.001	.000

DEBIT MOYEN ANNUEL

69.8 M3/S

STATION : TOGO

MCNC

MONO

CORREKOPÉ

NUMERO : 4740C109

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.060	20.2	30.8	762.	172.	67.2	3.82	.364	.023
2	.000	.000	.000	.104	15.9	70.4	734.	139.	48.2	3.51	.364	.023
3	.000	.000	.000	.059	11.3	73.0	433.	147.	38.3	3.35	.303	.016
4	.000	.000	.000	.023	9.40	121.	254.	133.	32.4	2.90	.245	.016
5	.000	.000	.000	.016	7.66	132.	266.	115.	27.8	2.61	.245	.016
6	.000	.000	.016	.020	6.90	70.4	506.	143.	24.4	2.33	.190	.016
7	.000	.000	.000	1.47	6.66	55.0	368.	86.9	20.1	2.06	.190	.016
8	.000	.000	.000	2.47	5.68	43.2	354.	125.	25.4	2.33	.190	.016
9	.000	.000	.000	1.75	7.04	74.1	365.	139.	20.8	2.19	.154	.010
10	.000	.000	.000	1.48	6.13	147.	331.	92.8	18.2	1.92	.154	.010
11	.000	.000	.000	1.25	18.4	162.	365.	73.6	16.1	1.69	.154	.016
12	.000	.000	.000	1.07	19.3	195.	255.	94.6	14.5	1.58	.154	.010
13	.000	.000	.000	1.49	12.6	138.	191.	111.	14.5	1.48	.120	.010
14	.000	.000	.000	20.6	46.9	166.	178.	106.	12.7	1.48	.120	.005
15	.000	.000	.000	15.4	54.3	228.	267.	133.	11.0	1.39	.120	.005
16	.000	.005	.000	7.82	23.7	225.	242.	109.	9.75	1.29	.120	.000
17	.000	.000	.000	9.36	13.9	300.	259.	74.3	3.95	1.29	.088	.000
18	.000	.000	.000	7.96	10.2	361.	253.	86.4	9.53	1.20	.088	.000
19	.000	.000	.000	6.23	42.2	412.	283.	73.7	7.94	1.20	.088	.000
20	.000	.000	.000	7.27	203.	481.	378.	73.4	7.57	1.11	.058	.000
21	.000	.000	.000	17.2	76.9	583.	248.	54.2	7.06	1.03	.058	.000
22	.000	.000	.000	14.6	56.0	476.	174.	47.2	6.75	.941	.058	.000
23	.000	.000	.000	13.0	164.	379.	232.	42.6	6.41	.860	.030	.000
24	.000	.000	.000	8.38	150.	522.	279.	43.1	6.23	.781	.030	.000
25	.000	.000	.000	7.58	132.	657.	199.	43.6	5.86	.705	.030	.000
26	.000	.000	.000	10.7	143.	711.	195.	34.3	5.32	.705	.030	.000
27	.000	.000	.000	21.7	113.	726.	198.	30.3	4.98	.622	.030	.000
28	.000	.000	.000	38.6	100.	603.	322.	27.0	4.81	.561	.023	.000
29	.000	.000	.000	34.2	124.	433.	252.	30.9	4.30	.492	.023	.000
30	.000	.000	.000	24.1	87.7	442.	266.	92.9	4.14	.427	.023	.000
31	.000		.000		65.6	657.		104.		.427	.023	
MOY	.000	.000	.001	9.32	56.6	314.	315.	89.7	16.6	1.56	.125	.007

DEBIT MOYEN ANNUEL

67.3 M3/S

STATION : TOGO

MCNO :

MCNO :

CORREKOPÉ

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	2.06	2.81	29.5	278.	157.	289.	57.1	5.86	3.35	.427
2	.000	.000	2.33	3.06	22.5	383.	165.	207.	50.2	10.2	3.05	.364
3	.000	.000	2.61	1.75	19.0	400.	165.	156.	42.4	7.67	3.05	.364
4	.000	.000	1.92	1.29	19.5	436.	195.	124.	38.9	5.68	2.90	.364
5	.000	.000	1.69	.983	29.7	287.	132.	152.	37.6	9.17	2.61	.303
6	.000	1.39	1.69	.781	29.1	197.	125.	186.	35.8	6.05	2.47	.303
7	.000	1.58	2.33	1.03	19.7	224.	184.	163.	31.9	5.86	2.19	.303
8	.000	1.48	2.06	.986	14.9	199.	210.	243.	29.2	8.03	1.92	.303
9	.000	1.11	1.29	.562	13.0	191.	340.	240.	27.0	8.23	1.79	.245
10	.000	.860	.860	.427	17.7	292.	486.	164.	25.0	6.91	1.69	.245
11	.000	.632	.632	.395	27.2	270.	606.	123.	22.9	6.41	1.58	.245
12	.000	.492	.561	.398	25.6	208.	600.	110.	20.8	6.49	1.48	.245
13	.000	.427	.427	.492	32.4	247.	460.	121.	19.0	6.04	1.48	.245
14	.000	.303	.303	1.24	43.6	347.	449.	112.	17.2	5.41	1.39	.245
15	.000	.190	.245	.783	122.	228.	451.	84.6	15.6	4.89	1.29	.190
16	.000	.154	.245	.428	147.	163.	569.	159.	13.9	4.55	1.11	.190
17	.000	.104	.190	.395	140.	350.	724.	475.	12.8	4.22	1.11	.154
18	.000	.245	.364	1.16	109.	327.	800.	289.	11.4	4.06	1.03	.154
19	.000	.364	.364	.986	71.8	236.	784.	186.	10.6	3.74	.941	.190
20	.000	.303	.427	.865	124.	229.	697.	225.	9.86	3.59	.860	.190
21	.000	.218	.245	.671	113.	322.	698.	170.	9.17	3.43	.781	.154
22	.000	.154	.190	.633	76.0	527.	470.	124.	8.74	3.20	.781	.120
23	.000	.303	.120	1.92	54.5	567.	303.	108.	8.32	6.72	.705	.120
24	.000	6.47	.120	1.44	42.2	369.	248.	92.9	7.94	4.89	.941	.120
25	.000	1.99	.088	2.69	41.2	215.	318.	78.6	7.75	5.35	.705	.120
26	.000	.943	.088	3.31	64.3	286.	314.	70.5	7.39	6.83	.705	.088
27	.000	2.55	.088	10.8	155.	310.	234.	63.5	7.06	6.23	.561	.088
28	.000	19.4	.058	4.47	236.	327.	224.	57.8	6.75	5.50	.561	.088
29	.000	6.72	.058	21.4	193.	218.	264.	52.9	6.23	4.39	.492	.058
30	.000	3.52	.941	44.4	212.	193.	340.	48.9	6.04	3.90	.492	
31	.000		.632		163.	143.		48.9		3.51	.427	
MOY	.000	1.73	.814	3.75	77.7	289.	390.	152.	20.1	5.71	1.43	.215

DEBIT MOYEN ANNUEL : 78.7 M3/S

STATION : TUGO MCNO MCNO CORREKOPÉ

NUMERO : 474C0109

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.058	.016	1.84	7.17	15.0	650.	336.	398.	47.7	6.04	1.69	.264
2	.030	.016	6.72	5.96	13.0	449.	477.	303.	48.4	5.68	1.58	.203
3	.030	.010	4.15	4.56	119.	226.	575.	229.	62.7	5.50	1.48	.245
4	.030	.005	2.34	3.67	117.	366.	462.	182.	49.2	5.15	1.39	.245
5	.023	.000	1.48	4.81	67.4	359.	453.	302.	40.3	4.98	1.39	.245
6	.030	.000	1.20	3.36	59.5	256.	449.	455.	37.8	4.64	1.29	.245
7	.030	.000	1.16	2.47	71.9	340.	511.	298.	32.8	4.47	1.20	.245
8	.030	.088	.983	2.26	174.	327.	475.	212.	29.4	4.47	1.11	.245
9	.023	.364	.821	2.54	191.	273.	313.	162.	27.2	4.30	1.03	.245
10	.023	.120	.668	2.98	186.	194.	339.	197.	24.8	4.14	.941	.245
11	.023	.120	.633	3.20	125.	177.	481.	158.	22.9	3.98	.941	.190
12	.016	.058	1.59	3.90	112.	443.	612.	131.	20.8	3.82	.941	.190
13	.016	.030	.901	5.20	139.	414.	548.	115.	19.3	3.82	.941	.190
14	.016	.023	2.37	5.60	136.	205.	416.	99.3	18.2	3.66	.860	.190
15	.016	.016	2.34	5.50	148.	248.	517.	96.7	17.3	3.66	.860	.154
16	.016	.016	1.53	32.4	102.	380.	448.	83.4	16.1	3.66	.781	.120
17	.088	.016	5.59	36.9	107.	277.	509.	73.9	15.0	3.66	.781	.120
18	.088	.016	4.31	64.9	89.2	306.	442.	68.2	14.7	3.51	.705	.120
19	.058	.058	3.13	33.2	68.3	289.	399.	88.4	13.1	3.20	.705	.088
20	.030	.088	2.26	26.2	276.	450.	382.	76.5	12.2	3.05	.632	.058
21	.023	.058	3.35	25.8	311.	489.	374.	68.8	11.1	2.90	.632	.058
22	.016	.030	2.76	18.2	258.	532.	289.	52.2	10.1	2.76	.632	.058
23	.010	.088	6.02	15.4	298.	613.	231.	72.1	9.17	2.61	.561	.058
24	.010	.364	3.68	17.2	330.	692.	207.	97.6	8.95	2.47	.561	.058
25	.010	.120	3.66	21.2	304.	484.	224.	138.	8.53	2.33	.561	.030
26	.005	.058	3.74	15.9	415.	442.	199.	129.	7.94	2.33	.561	.023
27	.010	.023	2.40	15.4	422.	289.	325.	169.	7.75	2.19	.492	.023
28	.010	.016	3.44	14.6	409.	277.	331.	116.	7.06	2.06	.427	.023
29	.005	.030	3.90	19.0	212.	250.	330.	79.7	6.75	1.92	.427	
30	.005	.561	3.20	12.7	346.	210.	323.	63.8	6.41	1.92	.364	
31	.000		2.54		581.	290.		53.2		1.79	.364	
MOY	.025	.080	2.73	14.4	200.	361.	399.	154.	21.8	3.57	.865	.155

DEBIT MOYEN ANNUEL : 97.1 M3/S

STATION : TOGO

MONO

MCNO

CORREKOPE

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.245	.000	.821	1.58	2.26	50.9	140.	200.	61.1	9.17	2.47	.781
2	.154	.000	.668	1.79	20.5	52.7	192.	240.	52.4	8.53	2.33	.781
3	.088	.000	.596	1.58	8.66	47.0	402.	191.	56.8	8.13	2.33	.781
4	.058	.000	.783	1.39	6.63	47.9	595.	219.	118.	7.75	2.19	1.11
5	.364	.000	.821	1.29	7.48	67.6	562.	218.	127.	7.29	2.06	.781
6	.303	.000	.668	1.11	6.32	71.5	477.	158.	93.6	7.06	2.06	.781
7	.364	.000	.668	1.03	4.72	54.4	324.	156.	96.0	6.75	1.92	.705
8	.245	.008	.561	.941	3.90	75.5	278.	234.	85.1	6.41	1.79	.705
9	.190	.561	.527	.941	5.86	66.6	564.	177.	75.8	6.04	1.79	.705
10	.120	.561	.492	.781	6.83	98.7	709.	144.	72.6	5.68	1.58	.632
11	.058	.395	.460	.705	7.50	166.	764.	124.	68.9	5.32	1.48	.632
12	.058	.395	.364	.705	8.93	345.	642.	106.	53.2	4.98	1.39	.632
13	.030	.274	.364	.632	12.5	309.	445.	125.	46.9	4.81	1.39	.561
14	.023	2.34	.303	.632	12.8	275.	320.	177.	41.9	4.81	1.29	.561
15	.023	2.94	.513	.781	13.0	224.	356.	128.	38.0	4.64	1.20	.561
16	.016	2.19	1.07	.632	26.7	226.	329.	136.	34.1	4.47	1.20	.492
17	.010	1.70	.901	.561	24.2	220.	253.	243.	30.3	4.47	1.11	.427
18	.010	1.20	.781	.527	65.1	312.	348.	197.	27.6	4.30	1.03	.427
19	.005	5.06	.743	.492	163.	332.	444.	163.	24.8	4.14	1.03	.364
20	.000	4.32	.865	.527	180.	195.	295.	162.	23.1	3.98	1.03	.364
21	.000	2.76	3.28	.632	112.	162.	195.	158.	20.8	3.82	.941	.303
22	.000	2.06	2.76	.561	114.	177.	194.	157.	19.1	3.66	.941	.303
23	.000	1.74	2.47	.860	176.	214.	220.	162.	17.5	3.51	.941	.245
24	.000	1.48	2.33	.986	155.	169.	303.	125.	16.3	3.35	.941	.190
25	.000	1.25	1.92	1.03	143.	140.	299.	101.	15.0	3.20	.860	.190
26	.000	1.07	1.70	1.16	99.4	217.	249.	94.6	13.4	3.05	.860	.154
27	.000	1.16	2.26	5.24	75.6	356.	374.	83.1	12.2	3.05	.860	.190
28	.000	.983	1.99	3.98	62.7	263.	436.	79.9	11.4	2.90	.860	.154
29	.000	.941	1.99	2.98	67.1	225.	275.	86.6	10.4	2.76	.781	
30	.000	.901	1.58	2.33	66.0	280.	258.	90.4	9.63	2.61	.781	
31	.000		1.48		60.8	187.		73.6		2.61	.781	

MOY .076 1.21 1.19 1.28 55.5 181. 375. 152. 45.8 4.95 1.36 .518

DEBIT MOYEN ANNUEL

68.5 M3/S

STATION : TOGO MCNO MONO CCRREKCPE

NUMERO : 47400109

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.218	.364	.058	2.90	1.77	13.0	216.	339.	19.7	3.20	.522	.020
2	.154	.364		3.20	1.92	33.9	318.	275.	17.5	2.90	.522	.020
3	.137	.303	.030	3.05	1.61	57.6	395.	337.	15.7	2.76	.440	.020
4	.120	.364	.030	2.19	5.86	50.0	601.	262.	13.9	2.61	.360	.010
5	.190	.245	.023	1.48	5.68	34.1	699.	208.	12.2	2.61	.360	.010
6	.411	.190	.088	1.29	4.98	33.5	671.	210.	11.1	2.47	.360	.010
7	.562	.154	.030	1.11	3.59	30.7	535.	180.	10.1	2.33	.360	.000
8	.527	.120	.030	1.03	2.76	30.7	429.	141.	9.40	2.06	.280	.000
9	.460	.120	.023	1.58	2.20	90.3	524.	129.	8.84	1.92	.280	.000
10	.427			1.39	1.74	94.5	465.	119.	8.33	1.79	.280	.000
11	6.36	.245		1.20	1.92	89.8	394.	110.	8.03	1.69	.280	.000
12	9.90	.120	.016	.941	2.06	124.	452.	56.0	7.84	1.59	.202	.010
13	8.02		.010	.705	4.91	160.	480.	84.2	7.57	1.50	.202	.010
14	6.37		.010	.632	8.53	194.	543.	75.3	7.39	1.40	.202	.000
15	4.07	.120		.705	8.23	148.	432.	68.5	7.22	1.31	.202	.000
16	2.69	.088	.000	.632	6.67	198.	295.	62.1	6.90	1.22	.126	.000
17	1.82	.058	.746	.561	14.0	208.	301.	57.6	6.75	1.22	.126	.000
18	1.44	.058	.527	.492	7.71	143.	383.	52.9	6.41	1.13	.126	.000
19	1.07		.355	.492	4.55	132.	689.	47.4	5.86	1.13	.126	.000
20	.901	.088	.364	.427	3.75	136.	797.	43.1	5.50	1.04	.126	.000
21	.743	.120	.274	.492	3.90	132.	824.	40.1	5.15		.050	.000
22	.596	.120	.218	.561	3.43	107.	764.	37.6	4.98	.948	.050	.000
23	.460	.088	.137	.632	3.05	103.	773.	34.9	4.64	.948	.050	.000
24	.529	.088	.303	.561	2.98	119.	580.	33.2	4.47	.948	.040	.000
25	.632	.058		.781	3.43	140.	424.	34.1	4.30	.860	.040	.000
26	.561	.245	1.35	.705	3.43	260.	478.	36.2	4.14	.774	.030	.000
27	.460	.190	7.42	.561	3.28	360.	671.	37.4	3.98		.030	.000
28	.364		1.82	.492	4.89	501.	834.	33.9	3.66	.688	.030	.000
29	.333	.120	1.94	.492	5.94	440.	645.	29.6	3.51		.020	
30	.355	.088	3.91	.492	7.34	336.	460.	25.4	3.35	.604	.020	
31	.427		3.82		18.6	234.		22.3		.604	.020	
MOY	1.66	.159	.790	1.06	4.99	153.	537.	105.	7.95	1.50	.189	.004

DEBIT MOYEN ANNUEL 67.6 M3/S

Code : 11 40 01 11

bassin versant : 5 589 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M

Coordonnées : 7° 49' N - 1° 16' E

Cote du zéro de l'échelle : 153,28 m., en nivellement I.G.N.

Accès : Pont métallique sur la route Anié - Elavagnon.

Installations : Echelle de 9,00 m en amont du pont sur la rive droite, installée le 6 avril 1960, 0-1 sur la pile, 1-2, 2-3, 3-5, 5-7, 7-9 sur fers IPN étagés. Remise en état en mars 1963.

Le 12 Juin 1969 une borne-repère a été placée à 30 mètres environ de l'échelle 7-9 m. La cote du repère est à 11,098 mètres.

Remarque : Cette station est située trop près du confluent de l'OGOU. Mais aucun autre site satisfaisant n'a pu être retenu pour diverses raisons.

Lectures :

Une seule lecture le matin vers 7 heures. Deux lectures ou plus, en crue - Qualité satisfaisante.

Jaugeages - Courbes de tarage

D'Avril 1960 au 21 Août 1973, 38 jaugeages ont été effectués avec, pour extrêmes :

- débit maximum jaugé : 288 m³/s le 10-9-1966 (cote 563 à 567 cm)
- débit minimum jaugé : Le débit apparent peut être nul plusieurs mois par an (possibilité d'inféro-flux)

Pour la passage à l'ordinateur, deux courbes de tarage ont été retenues :

courbe n° 1 de 1962 à 1965

courbe n° 2 de 1966 à 1971

CARACTERISTIQUES DU BASSIN

Hypsométrie

de 750 à 400 m .	- 16,6 %
400 à 300	36,4
300 à 200	40,9
200 à 153	6,1

Altitude moyenne : 337 mètres

Relief et Géologie

Dotaikopé est situé sur le plateau gneissique, et seulement le nord du bassin, très allongé, se trouve dans le prolongement de l'Atakora (quartzite - 10 % environ)

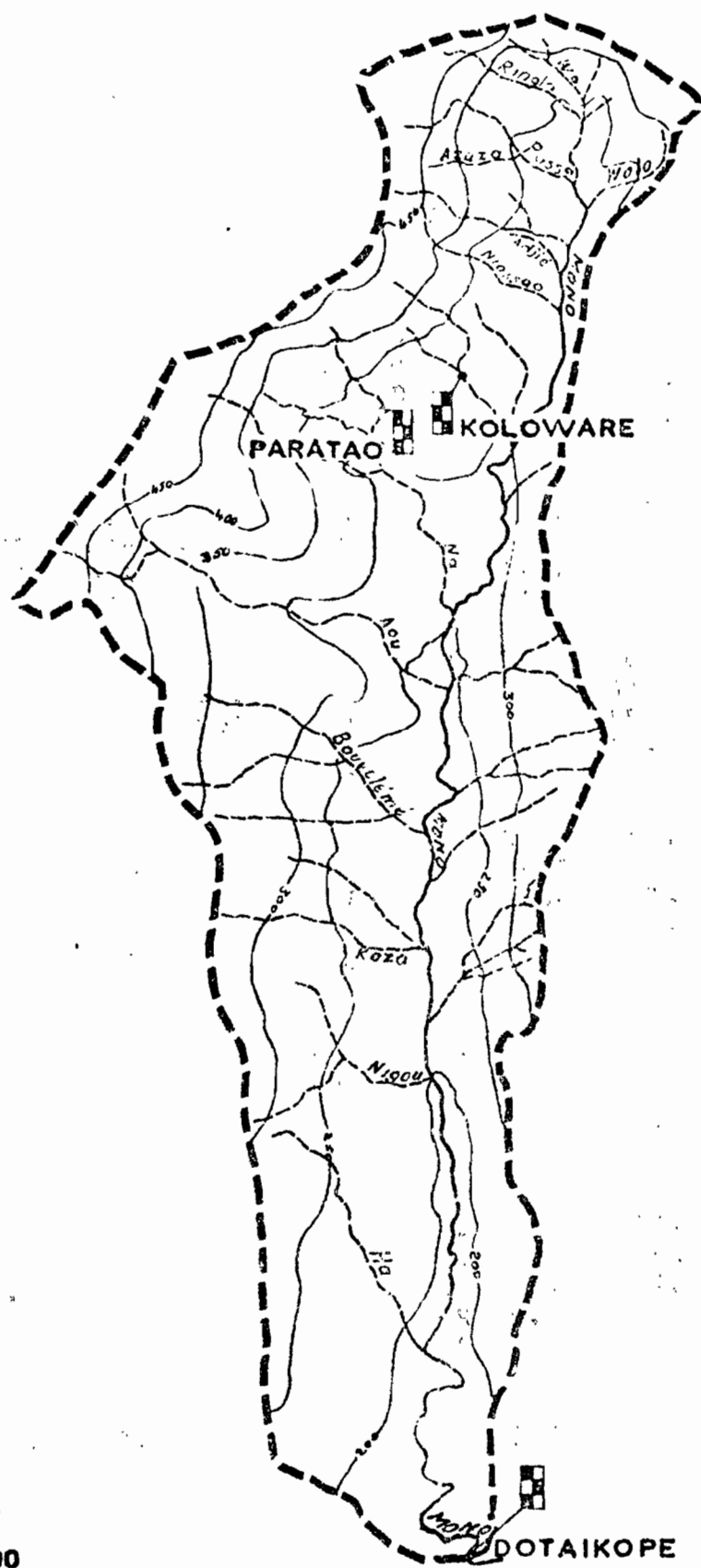
Végétation

Savane arborée dense, avec des galeries forestières le long des cours d'eau.

MONO A DOTAIKOPE

BASSIN VERSANT = 5589 Km²

NORD



Echelle: 1 : 7 50.000

69

ORSTOM

COMPLEMENTS: 20-11-73

DATE: 11/ 5 /65

DESSINÉ: M. Sossah

T 262 H

STATION : TOGO

MCNO

MCNO

DOTAIKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			15.7	.134	30.5	188.	148.	159.	29.2	3.98	1.06	.266
2			5.87	.100	22.3	83.2	84.0	201.	28.2	3.59	.994	.218
3			2.88	.134	32.5	39.3	31.1	231.	25.0	3.39	.657	.174
4			1.92	.218	87.0	154.	100.	192.	25.9	3.19	.592	.174
5			1.48	.174	158.	85.5	148.	197.	25.0	2.76	.864	.134
6		3.98	1.22	.550	74.5	66.0	155.	157.	27.2	2.64	.798	.266
7		1.69	.994	.376	50.9	132.	181.	114.	25.6	2.76	.864	.218
8		2.28	.864	.266	33.2	90.8	125.	84.7	21.8	3.78	.798	.218
9		1.14	.734	.174	29.5	79.6	184.	206.	15.1	2.88	.831	.218
10		.864	.550	.218	29.8	84.0	386.	113.	16.6	2.52	.734	.174
11		.734	.490	.000	34.9	225.	538.	74.5	12.1	2.40	.734	.174
12		.550	.610	8.12	27.2	143.	390.	112.	13.9	2.52	.672	.134
13		.432	.672	7.20	40.4	87.7	369.	87.0	13.0	2.28	.672	.100
14		.000	.432	2.88	38.2	109.	486.	66.0	11.8	2.16	.610	.100
15		1.06	.000	2.64	53.0	84.7	256.	136.	11.1	2.04	.610	.070
16		.734	.734	6.30	52.1	65.1	263.	156.	14.5	1.92	.550	.070
17		.610	.610	8.60	34.9	78.1	292.	96.2	11.3	.930	.550	.046
18		.320	.550	6.97	30.1	158.	219.	146.	7.20	1.69	.490	.036
19		.734	.432	5.44	26.9	198.	214.	67.8	6.53	1.69	.490	.026
20		.672	.266	12.7	21.8	83.2	306.	57.2	8.12	1.58	.490	.010
21		.550	.100	8.84	22.5	68.2	497.	52.1	7.43	1.48	.432	.005
22		.490	.798	9.32	25.3	54.2	331.	65.5	6.97	1.48	.490	.000
23		1.30	.320	19.0	31.5	66.0	279.	55.1	6.53	1.39	.490	.000
24		.320	.218	18.4	51.7	61.5	283.	78.1	6.08	1.30	.432	.000
25		.994	.174	45.7	36.7	46.9	148.	52.1	5.65	1.30	.376	.000
26		1.14	.266	32.2	44.2	40.4	281.	37.8	5.44	2.04	.376	.000
27		3.39	.550	38.5	176.	171.	554.	46.1	5.01	1.48	.000	.000
28		.930	.376	35.3	157.	234.	665.	35.7	4.80	1.30	.000	.000
29		1.14	.218	30.1	258.	85.5	177.	34.2	4.39	1.22	.266	
30		4.39	.266	41.5	238.	76.0	169.	31.1	4.19	1.14	.000	
31			.174		279.	57.6		28.8		1.06	.266	
MOY		1.66	1.30	11.4	71.9	103.	276.	102.	13.5	2.13	.555	.101

STATION : TOGO

MONO

MONO

COTAIKOPE

NUMERO : 474C0111

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.864	30.0	10.9	27.7	2.46	.134	.000	.000
2	.000	.000	.000	.000	.798	30.6	10.9	27.1	2.10	.134	.000	.000
3	.000	.000	.000	.000	.935	29.2	9.81	28.2	1.42	.100	.000	.000
4	.000	.000	.000	.000	1.18	66.6	10.5	29.7	1.69	.100	.000	.000
5	.000	.000	.000	.000	.801	62.1	10.1	28.9	1.53	.070	.000	.000
6	.000	.000	.000	.000	1.88	41.4	10.7	21.5	1.34	.070	.000	.000
7	.000	.000	.000	.000	5.54	30.3	12.7	17.3	1.26	.046	.000	.000
8	.000	.000	.000	.000	7.20	25.0	68.3	22.8	1.10	.046	.000	.000
9	.000	.000	.000	.085	5.54	22.3	63.8	38.9	1.06	.046	.000	.000
10	.000	.000	.000	.046	5.88	21.5	68.8	30.0	.994	.026	.000	.000
11	.000	.000	.000	.026	4.39	22.0	50.1	27.7	.592	.010	.000	.000
12	.000	.000	.000	.018	6.35	21.5	39.3	23.9	.831	.010	.000	.000
13	.000	.000	.000	.046	21.5	22.3	33.2	20.0	.766	.000	.000	.000
14	.000	.000	.000	.018	14.9	25.9	30.2	19.3	.703	.000	.000	.000
15	.000	.000	.000	.000	22.8	28.0	28.5	19.2	.672	.000	.000	.000
16	.000	.000	.000	.005	44.8	18.9	27.1	17.4	.610	.000	.000	.000
17	.000	.000	.000	.000	42.1	15.8	27.1	12.4	.550	.000	.000	.000
18	.000	.000	.000	.000	28.4	18.0	29.8	10.4	.490	.000	.000	.000
19	.000	.000	.000	.000	27.5	17.2	37.1	9.32	.461	.000	.000	.000
20	.000	.000	.000	.000	23.6	17.5	30.9	8.36	.432	.000	.000	.000
21	.000	.000	.000	.000	36.8	17.0	29.0	7.54	.376	.000	.000	.000
22	.000	.000	.000	.000	27.9	16.1	26.1	6.97	.188	.000	.000	.000
23	.000	.000	.000	.404	25.3	13.7	25.0	7.66	.000	.000	.000	.000
24	.000	.000	.000	.490	15.5	15.5	61.0	6.64	.266	.000	.000	.000
25	.000	.000	.000	.432	30.1	13.9	45.0	5.98	.266	.000	.000	.000
26	.000	.000	.000	.376	24.0	11.6	38.0	5.22	.242	.000	.000	.000
27	.000	.000	.000	.432	25.5	10.6	27.1	4.49	.218	.000	.000	.000
28	.000	.000	.000	.734	57.7	11.1	22.1	3.88	.218	.000	.000	.000
29	.000	.000	.000	.798	49.9	12.2	22.0	3.49	.174	.000	.000	
30	.000	.000	.000	.734	30.2	16.7	20.4	3.29	.174	.000	.000	
31	.000		.000		37.7	13.3		2.64		.000	.000	
MOY	.000	.000	.000	.155	20.2	23.2	30.8	16.1	.773	.026	.000	.000

DEBIT MOYEN ANNUEL

7.66 M3/S

STATION : TOGO

MCNO

MCNO

DOTA IKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTC	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	2.22	50.6	254.	314.	92.3			1.92	.672
2	.000	.000	.000	1.59	140.	214.	366.	169.			1.80	.610
3	.000	.000	.000	1.18	152.	416.	198.	91.0			1.69	.610
4	.000	.000	.000	.962	125.	356.	199.	73.8		14.5	1.69	.550
5	.000	.000	.000	.766	59.2	318.	196.	377.		13.9	1.58	.550
6	.000	.000	.000	.641	39.7	153.	130.	273.		13.3	1.48	.550
7	.000	.000	.000	.520	35.3	103.	125.	312.		12.1	1.39	.490
8	.000	.000	.000	.766	40.2	85.9	203.	306.		11.1	1.39	.490
9	.000	.000	.000	.641		138.	210.	178.		10.6	1.30	.490
10	.000	.000	.000	3.43		71.4	373.	169.	45.8	9.56	1.30	.432
11	.000	.000	.000	1.39		47.8	312.	295.		8.60	1.22	.432
12	.000	.000	.000	14.0	41.1	46.8	191.	240.		7.20	1.22	.432
13	.000	.000	3.27	11.2	47.0	42.5	214.	117.		6.30	1.14	.432
14	.000	.000	2.76	11.6	42.8	161.	232.	127.		5.87	1.14	1.14
15	.000	.000	2.04	14.1	35.5	79.0	167.	239.	55.8	5.65	1.06	.864
16	.000	.000	1.59	9.34	107.	51.4	273.	137.	34.1	5.44	1.06	.550
17	.000	.000	1.64	6.77	102.	43.8	423.	94.7		5.01	.994	.490
18	.000	.000	1.30	12.0	48.4	73.1	326.	74.5		4.80	.994	.432
19	.000	.000	.996	8.60	33.2	44.4	189.	64.6		4.60	.930	.432
20	.000	.000	.766	10.4	32.9	51.2	128.	60.0		4.39	.930	.376
21	.000	.000	.641	83.2	44.0	107.	92.7	52.2		4.19	.864	.376
22	.000	.000	.520	121.	115.	118.	235.	48.3		3.98	.864	.432
23	.000	.000	.962	163.	126.	104.	315.	62.8		3.59	.798	.376
24	.000	.000	.831	92.1	65.6	154.	435.	63.5		3.39	.798	.320
25	.000	.000	.703	43.8	40.6	355.	292.	159.		3.19	.734	.864
26	.000	.000	.580	36.6	32.5	313.	243.	105.		2.76	.734	1.22
27	.000	.000	8.84	46.9		416.	320.	62.9		2.52	.798	1.06
28	.000	.000	6.31	41.3		303.	239.	49.5		2.28	.798	.930
29	.000	.000	4.39	36.6	41.9	251.	157.	42.3		2.16	.734	
30	.000	.000	3.68	96.5	35.8	193.	133.	38.5	32.9	2.16	.734	
31	.000		3.07		49.0	158.		34.1		2.04	.672	
MOY	.000	.000	1.45	29.1	60.6	168.	241.	136.		7.94	1.12	.593

STATION : TOGO

MCNO

MCNO

COTAIKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	8.13	.432	.000	.930	28.9	162.	701.	128.	150.	10.8	2.88	1.30
2	5.55	.376	.000	.798	43.1	162.	286.	150.	136.	10.3	2.88	1.30
3	5.22	.320	.000	1.30	46.0	263.	521.	156.	122.	9.81	2.76	1.22
4	5.22	.320	.000	1.06	23.9	445.	670.	150.	84.9	9.32	2.76	1.14
5	5.01	.320	.000	1.88	19.8	468.	814.	123.	65.1	9.08	2.64	1.14
6	4.80	.266	.000	2.00	18.0	266.	472.	220.	59.1	8.84	2.76	1.06
7	4.39	.266	.000	1.30	21.5	143.	415.	248.	53.4	8.36	2.64	1.06
8	3.98	.218	.000	2.22	17.7	117.	238.	184.	48.3	7.89	2.52	1.14
9	3.59	.174	.000	3.79	14.6	303.	286.	179.	43.8	7.66	2.40	1.06
10	6.08	.134	.000	2.64	36.2	368.	393.	270.	40.2	7.20	2.40	.994
11	4.60	.100	1.78	2.04	216.	274.	297.	194.	36.7	6.97	2.28	.994
12	3.78	.070	2.70	4.49	77.0	225.	528.	131.	35.0	6.75	2.16	.930
13	2.52	.550	2.22	3.39	75.7	227.	546.	349.	32.0	6.53	2.16	.930
14	2.16	.432	1.86	2.52	86.7	250.	451.	255.	29.3	6.30	2.04	.864
15	1.92	.320	1.49	2.28	107.	461.	274.	165.	27.2	6.08	2.04	.864
16	1.58	.266	1.22	1.86	245.	553.	140.	127.	25.3	5.87	1.92	.864
17	1.39	.218	1.06	1.59	105.	489.	215.	151.	24.2	5.87	1.92	.798
18	1.22	.174	1.54	4.60	105.	201.	161.	170.	22.6	5.65	1.80	.734
19	1.06	.134	2.34	4.29	442.	165.	163.	98.6	21.7	5.44	1.80	.734
20	.994	.100	4.40	2.70	212.	210.	209.	79.6	20.6	5.22	1.69	.672
21	.864	.100	3.99	2.46	138.	313.	175.	97.7	19.5	4.80	1.58	.610
22	.798	.070	2.82	2.22	208.	245.	193.	256.	18.7	4.60	1.48	.550
23	.734	.026	2.40	1.92	191.	182.	370.	412.	18.0	4.39	1.39	.490
24	.798	.010	2.16	1.53	224.	142.	210.	477.	16.7	4.19	1.39	.490
25	.734	.000	1.69	1.80	168.	146.	159.	303.	15.4	4.19	1.30	.432
26	.672	.000	1.48	16.2	181.	163.	103.	191.	14.5	3.98	1.30	.432
27	.734	.000	1.30	8.89	191.	118.	78.9	163.	13.4	3.78	1.39	.376
28	.672	.000	1.06	13.1	567.	468.	215.	110.	12.5	3.78	1.39	.320
29	.610	.000	.930	32.7	750.	657.	277.	93.1	12.0	3.59	1.48	.320
30	.550	.000	.864	37.8	421.	810.	158.	114.	11.2	3.39	1.48	
31	.490		1.35		178.	880.		164.		3.19	1.39	
MOY	2.61	.180	1.31	5.55	167.	319.	324.	191.	41.0	6.25	2.00	.821

DEBIT MOYEN ANNUEL

88.0

M3/S

STATION : TOGO MONO MCNO DOTA IKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.266	.432	1.06	.864	2.04	140.	287.	64.6	15.7	2.76	1.39	.490
2	.320	.320	1.06	.930	1.92	144.	261.	84.0	15.4	2.76	1.22	.490
3	.320	.320	.930	.864	2.04	74.5	210.	76.7	14.2	2.64	1.14	.490
4	.266	.490	.864	.798	2.16	54.6	234.	58.0	13.0	2.40	1.14	.376
5	.266	.734	.798	1.39	1.69	45.3	267.	50.9	12.4	2.28	.994	.376
6	.218	.994	.798	.930	1.58	44.6	534.	45.7	14.5	2.16	.864	.320
7	.174	.610	.734	1.06	2.76	51.7	349.	43.8	13.9	2.16	1.06	.320
8	.174	.490	.610	1.06	4.19	104.	217.	48.9	11.6	2.04	1.06	.266
9	.134	.376	.864	.930	3.98	81.8	256.	55.9	10.6	2.04	.994	.266
10	.100	.320	1.48	1.06	2.76	67.3	337.	40.4	9.81	2.04	.864	.376
11	.070	.218	1.39	1.06	3.59	92.3	405.	35.3	9.08	1.92	.798	.320
12	.134	.174	1.30	9.08	18.4	116.	467.	32.2	8.36	1.92	.734	.490
13	.134	.798	1.14	5.44	12.7	120.	407.	29.8	7.89	1.80	.734	.864
14	.100	.734	1.06	2.76	41.5	157.	219.	27.2	7.43	1.69	.672	2.04
15	.070	.734	.930	6.75	40.0	170.	161.	26.6	6.75	1.58	.672	1.48
16	.046	.930	.798	4.19	37.8	174.	204.	48.1	6.30	1.58	.672	.734
17	.026	.864	.994	2.88	28.2	87.0	463.	53.8	6.08	1.48	.864	.550
18	.010	.798	1.30	2.16	26.6	84.0	592.	33.9	6.08	1.39	.798	.376
19	.010	.734	1.39	1.80	21.8	61.5	452.	29.2	5.87	1.39	.734	.320
20	.000	1.06	11.1	2.16	19.6	54.2	253.	28.5	5.65	1.30	.734	.266
21	.046	.864	5.87	2.28	20.0	82.5	166.	26.6	5.22	1.22	.672	.218
22	.046	.550	2.88	2.76	19.3	154.	146.	24.0	5.01	1.14	.672	.432
23	.026	.490	2.28	2.88	15.7	138.	135.	22.1	4.80	1.14	.610	.734
24	.026	4.39	2.04	2.28	80.3	107.	120.	20.9	4.39	1.06	.610	.672
25	.010	3.59	1.69	2.04	104.	95.4	152.	20.6	4.19	1.06	.610	.672
26	.010	2.52	1.58	6.75	47.7	53.8	167.	21.8	3.78	.994	.610	.610
27	.000	2.04	1.39	2.76	39.3	54.6	153.	23.7		.994	.610	.550
28	.000	2.04	1.22	2.16	37.1	149.	189.	23.7		1.06	.550	.490
29	.490	1.58	1.14	.734	94.6	84.7	116.	21.8	2.88	1.14	.550	
30	.672	1.30	1.06	2.16	202.	90.0	79.6	21.5	2.88	1.30	.550	
31	.550		.864		76.7	104.		18.1		1.30	.550	
MOY	.152	1.05	1.70	2.50	32.7	98.0	267.	37.4	8.01	1.67	.797	.557

DEBIT MOYEN ANNUEL 37.6 M3/S

STATION : TOGO

MCNO

MCNO

DOTAIKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.550	.000	.610	8.25	66.2	256.	126.	52.6	6.87	.475	.069	.000
2	.490	.000	.490	6.09	91.6	166.	145.	49.8	5.56	.421	.069	.000
3	.432	.000	.490	4.49	177.	123.	177.	45.3	4.71	.479	.057	.000
4	.320	.000	.376	3.98	247.	99.0	213.	59.0	4.34	.421	.057	.000
5	.320	.000	.266	3.78	151.	69.8	160.	68.5	3.85	.421	.057	.000
6	.266	.000	.218	2.64	64.4	144.	97.0	119.	3.55	.365	.046	.000
7	.218	.000	.218	2.04	288.	165.	114.	81.3	3.13	.365	.046	.000
8	.266	.000	.174	1.69	127.	146.	117.	54.0	2.87	.316	.036	.000
9	.218	.000	5.33	1.58	64.2	108.	109.	42.9	2.64	.316	.036	.000
10	.218	.000	4.29	2.04	53.0	97.5	104.	37.3	2.53	.272	.036	.000
11	.432	.000	2.76	1.48	45.0	80.3	245.	49.0	2.48	.232	.036	.000
12	.376	.000	2.04	1.30	365.	60.0	205.	51.6	2.32	.232	.027	.000
13	.320	.000	1.48	1.14	298.	53.8	298.	33.6	2.27	.196	.027	.000
14	.266	.000	1.30	1.39	205.	300.	197.	27.5	2.18	.196	.027	.000
15	.218	.000	1.58	2.40	173.	512.	197.	24.3	1.84	.164	.020	.000
16	.174	.000	1.30	5.33	119.	533.	165.	21.8	1.74	.164	.020	.000
17	.100	.000	.994	8.03	181.	188.	143.	20.6	1.65	.137	.014	.000
18	.070	.000	.734	12.1	165.	119.	178.	18.9	1.56	.164	.014	.000
19	.026	.000	1.48	16.5	92.7	94.6	161.	17.9	1.47	.137	.009	.000
20	.046	.000	1.14	20.7	67.8	90.4	193.	15.6	1.38	.137	.009	.000
21	.010	.000	.930	48.3	77.0	185.	232.	13.8	1.21	.113	.036	.000
22	.000	.000	.930	29.1	120.	131.	153.	13.6	1.12	.113	.027	.000
23	.000	.000	.734	38.3	137.	101.	114.	13.0	1.12	.094	.036	.000
24	.000	.174	.550	52.8	181.	133.	117.	11.6	1.04	.094	.027	.000
25	.000	.930	.550	41.0	227.	207.	114.	10.4	.961	.094	.020	.000
26	.000	.610	1.69	30.7	198.	169.	96.8	9.35	.884	.094	.014	.000
27	.000	1.06	3.99	48.5	189.	110.	81.6	8.22	.810	.080	.005	.000
28	.000	1.30	2.28	81.0	274.	229.	67.0	8.22	.739	.080	.005	.000
29	.000	1.06	1.69	88.6	194.	475.	67.9	7.46	.670	.080	.002	
30	.000	.798	2.28	84.1	136.	257.	54.3	6.41	.540	.080	.002	
31	.000		12.0		238.	176.		6.08		.069	.000	
MOY	.172	.198	1.77	21.6	162.	180.	148.	32.2	2.27	.213	.029	.000

DEBIT MOYEN ANNUEL

46.1

M3/S

STATION : TOGO

MCNO

MONO

COTAIKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.184	17.3	72.8	780.	121.	45.1	2.27	.365	.046
2	.000	.000	.000	.087	11.4	55.4	557.	94.7	33.7	2.09	.316	.046
3	.000	.000	.000	.063	7.00	53.4	223.	115.	25.0	1.84	.272	.046
4	.000	.000	.000	.057	4.98	132.	151.	91.2	21.7	1.74	.272	.036
5	.000	.000	.000	.057	4.02	107.	157.	79.4	18.6	1.65	.232	.036
6	.000	.000	.000	1.91	3.34	64.1	381.	65.8	16.6	1.56	.232	.036
7	.000	.000	.000	3.00	2.71	44.0	183.	64.0	25.5	1.47	.232	.036
8	.000	.000	.000	2.42	4.18	32.7	252.	92.2	18.1	1.47	.196	.027
9	.000	.000	.000	2.01	6.53	94.4	232.	105.	14.8	1.38	.196	.027
10	.000	.000	.000	1.60	9.83	144.	271.	67.6	13.0	1.29	.196	.020
11	.000	.000	.000	1.43	8.70	156.	248.	52.0	12.8	1.21	.196	.057
12	.000	.000	.000	2.01	17.9	160.	157.	64.1	10.8	1.12	.164	.036
13	.000	.000	.000	3.67	17.2	110.	120.	69.2	10.6	1.04	.137	.046
14	.000	.000	.000	35.2	58.0	146.	142.	69.4	9.66	1.04	.164	.057
15	.000	.000	.000	12.0	45.8	220.	179.	97.2	7.84	.961	.164	.046
16	.000	.000	.000	6.30	25.0	165.	136.	69.5	6.98	.961	.164	.046
17	.000	.000	.000	11.1	18.3	225.	195.	50.7	6.41	.884	.137	.036
18	.000	.000	.000	7.14	18.5	300.	181.	67.4	5.98	.884	.113	.027
19	.000	.000	.000	5.07	66.7	322.	237.	57.9	5.36	.884	.113	.020
20	.000	.000	.000	7.34	125.	469.	293.	54.0	4.79	.810	.094	.020
21	.000	.000	.000	20.7	44.6	556.	168.	39.1	4.43	.759	.094	.014
22	.000	.000	.000	11.7	42.2	345.	122.	33.6	4.09	.670	.094	.005
23	.000	.000	.113	14.2	167.	236.	166.	30.0	3.77	.604	.094	.005
24	.000	.000	.137	6.66	109.	480.	133.	34.1	3.77	.604	.080	.002
25	.000	.000	.094	7.23	91.7	645.	125.	31.4	3.42	.540	.080	.000
26	.000	.000	.479	16.4	126.	715.	137.	23.8	3.33	.540	.069	.000
27	.000	.000	.479	19.4	79.4	636.	156.	20.3	3.20	.479	.069	.000
28	.000	.000	.421	25.3	98.2	431.	227.	20.1	2.81	.479	.057	.000
29	.000	.000	.365	24.5	114.	206.	174.	26.9	2.70	.421	.057	
30	.000	.000	.094	17.6	69.2	283.	202.	68.7	2.48	.421	.046	
31	.000		.421		62.2	642.		76.9		.365	.046	
MOY	.000	.000	.084	8.80	47.6	267.	225.	63.0	11.6	1.05	.153	.028

DEBIT MOYEN ANNUEL 52.4 M3/S

STATION : TOGO

MCNC

MONO

DOTAIKOPE

NUMERO : 474C0111

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.137	.069	1.52	3.28	25.2	300.	98.4	195.	44.0	3.40	2.18	.272
2	.164	.057	2.49	2.06	18.8	356.	117.	138.	34.4	11.4	2.18	.272
3	.113	.094	2.27	1.47	15.9	377.	130.	110.	29.0	4.22	2.09	.232
4	.094	.769	1.65	1.12	18.3	399.	165.	103.	26.9	6.04	1.84	.232
5	.080	1.65	1.38	.810	35.4	218.	89.1	119.	25.9	4.63	1.65	.232
6	.069	1.65	1.92	.670	24.1	157.	98.6	134.	24.8	3.55	1.56	.196
7	.069	1.65	2.37	.604	16.4	181.	152.	106.	22.4	5.60	1.47	.196
8	.057	1.21	1.38	.670	13.3	160.	160.	210.	20.3	6.53	1.38	.196
9	.046	.884	.884	.540	14.8	131.	272.	183.	18.6	5.57	1.38	.232
10	.036	.739	.604	.479	22.3	199.	451.	114.	17.1	4.26	1.29	.232
11	.036	.670	.479	.421	26.6	175.	591.	88.6	15.4	3.85	1.29	.196
12	.027	.604	.421	.604	32.7	152.	482.	78.8	14.3	4.02	1.21	.196
13	.027	.479	.365	.479	26.1	202.	260.	87.4	13.0	3.34	1.12	.164
14	.020	.316	.365	.421	57.1	257.	305.	79.7	12.0	3.00	1.04	.164
15	.014	.272	.272	.540	117.	141.	375.	59.6	10.8	2.75	.961	.137
16	.005	.316	.316	.316	110.	120.	628.	243.	9.50	2.64	.884	.113
17	.002	.232	.421	.884	112.	174.	831.	443.	8.88	2.53	.810	.113
18	.002	.316	.540	1.29	76.6	218.	880.	166.	8.09	2.42	.739	.113
19	.000	.272	.316	.739	44.5	202.	767.	136.	7.34	2.23	.670	.113
20	.000	.232	.272	.670	115.	162.	694.	178.	6.87	2.23	.604	.094
21	.000	.164	.232	.782	77.1	281.	701.	111.	6.41	2.32	.604	.080
22	.000	.196	.196	2.00	53.8	496.	248.	85.0	6.19	3.48	.604	.069
23	.000	9.19	.137	1.56	37.8	531.	179.	76.8	5.77	3.41	.604	.069
24	.000	3.06	.113	1.61	28.8	199.	157.	65.5	5.36	2.59	.670	.080
25	.000	1.04	.137	2.28	29.2	141.	249.	54.8	5.16	4.52	.604	.080
26	.000	.540	.137	12.3	64.4	230.	222.	49.8	4.79	4.26	.479	.069
27	.000	12.5	.094	3.75	139.	229.	164.	44.8	4.43	3.70	.421	.057
28	.000	10.6	.094	2.61	210.	206.	172.	40.3	4.09	3.00	.421	.057
29	.014	3.12	.540	35.0	159.	139.	217.	37.3	3.77	2.59	.365	.057
30	.036	1.74	.670	38.5	178.	108.	278.	34.1	3.62	2.42	.316	
31	.069		2.01		136.	118.		35.1		2.27	.316	
MOY	.036	1.82	.793	3.95	65.6	224.	338.	116.	14.0	3.83	1.02	.149

DEBIT MOYEN ANNUEL

64.2 M3/S

STATION : TOGO MCNO MONO DOTA IKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.057	.036	5.14	3.39	10.8	525.	171.	271.	34.9	3.77	1.29	.272
2	.057	.027	4.39	3.01	8.48	262.	317.	180.	46.4	3.48	1.29	.272
3	.069	.020	2.59	2.48	115.	154.	444.	126.	33.4	3.33	1.21	.272
4	.069	.014	1.56	2.05	84.9	259.	299.	96.7	56.3	3.20	1.12	.272
5	.069	.005	1.17	2.48	45.1	187.	256.	197.	46.2	3.06	.961	.272
6	.057	.000	1.38	1.65	44.3	167.	331.	231.	27.6	2.94	.864	.272
7	.057	.057	.962	1.47	73.3	294.	411.	184.	22.5	2.94	.810	.232
8	.057	.000	.739	1.38	148.	209.	319.	153.	20.6	2.81	.810	.232
9	.057	.036	.604	1.56	158.	191.	177.	98.3	18.9	2.70	.810	.232
10	.046	.036	.540	1.74	128.	129.	224.	160.	17.6	2.50	.810	.232
11	.046	.036	.479	1.65	89.9	117.	344.	105.	16.3	2.40	.739	.196
12	.036	.046	.810	1.47	81.3	296.	508.	81.0	14.6	2.48	.739	.196
13	.027	.046	1.35	4.57	84.1	257.	358.	66.8	13.2	2.37	.739	.164
14	.020	.046	2.48	2.71	91.7	129.	261.	70.2	13.2	2.37	.739	.164
15	.020	.069	1.60	14.4	113.	213.	356.	58.1	11.6	2.48	.670	.164
16	.014	.069	3.37	28.6	75.0	285.	281.	44.5	10.9	2.37	.670	.137
17	.057	.057	4.10	52.3	74.1	167.	401.	43.4	10.4	2.48	.604	.196
18	.027	.046	2.77	25.4	55.1	213.	345.	41.9	9.50	2.37	.604	.232
19	.036	.036	2.42	26.6	43.7	169.	362.	52.3	9.19	2.27	.604	.164
20	.027	.046	1.70	21.8	165.	380.	289.	42.1	0.61	2.09	.540	.137
21	.020	.036	2.37	15.3	173.	321.	240.	36.8	7.83	1.84	.540	.094
22	.014	.027	1.65	10.5	195.	387.	170.	31.5	6.87	1.74	.479	.080
23	.014	.014	1.74	10.9	146.	532.	174.	48.3	6.41	1.65	.479	.069
24	.009	.046	1.56	14.3	227.	589.	122.	45.1	6.19	1.47	.479	.069
25	.005	.020	1.83	15.4	180.	304.	128.	100.	5.98	1.56	.421	.057
26	.002	.009	1.74	13.0	227.	338.	116.	96.5	5.56	1.56	.421	.057
27	.005	.005	2.27	12.2	266.	186.	203.	132.	5.16	1.47	.365	.046
28	.036	.002	3.07	8.93	232.	176.	222.	84.9	4.79	1.47	.365	.046
29	.027	.014	2.48	9.84	129.	151.	226.	63.2	4.43	1.38	.316	
30	.020	.046	2.37	8.66	267.	125.	227.	42.7	4.09	1.38	.272	
31	.027		2.18		463.	177.		33.9		1.29	.272	
MOY	.035	.032	2.05	10.7	135.	255.	276.	97.3	16.8	2.30	.679	.172

DEBIT MOYEN ANNUEL 66.8 M3/S

STATION : TOGO MGNO MCNO COTAIKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.272	.000	.540	1.74	13.7	36.1	103.	158.	44.0	6.64	1.56	.604
2	.272	.000	.479	1.47	15.4	41.1	167.	176.	38.3	6.19	1.56	.884
3	.232	.000	.365	1.56	7.49	34.1	373.	127.	44.2	5.77	1.47	.810
4	.196	.000	.084	1.21	4.28	45.6	569.	173.	102.	5.56	1.47	.670
5	.164	.000	.479	.931	5.28	62.9	531.	154.	84.6	5.16	1.47	.670
6	.137	.810	.421	.810	3.48	62.0	265.	110.	60.5	4.79	1.47	.604
7	.113	.739	.421	.884	2.70	69.5	148.	108.	68.5	4.43	1.38	.540
8	.113	.479	.479	.810	2.64	54.8	229.	179.	59.4	4.26	1.38	.540
9	.080	.316	.316	.604	5.92	58.0	590.	115.	51.2	3.93	1.29	.540
10	.069	.232	.316	.540	5.88	108.	761.	99.6	55.4	3.77	1.21	.479
11	.057	.196	.272	.670	8.09	187.	850.	85.0	43.7	3.62	1.12	.479
12	.046	.164	.232	.604	9.58	358.	469.	72.2	36.1	3.48	1.04	.421
13	.036	.137	.196	.540	13.6	279.	333.	76.9	31.9	3.33	1.04	.421
14	.027	1.73	.232	.540	14.0	249.	216.	138.	27.8	3.20	.961	.365
15	.020	2.13	.365	.479	16.3	186.	282.	106.	25.2	3.06	.961	.316
16	.014	1.56	.884	.421	34.6	202.	247.	102.	22.4	2.94	.884	.272
17	.014	.961	.739	.365	25.2	190.	195.	225.	20.6	2.94	.961	.272
18	.009	3.51	.670	.365	88.1	319.	204.	131.	18.9	2.81	.884	.232
19	.009	4.57	.604	.421	165.	263.	380.	110.	17.3	2.70	.884	.196
20	.005	2.64	2.94	.421	163.	146.	199.	114.	16.1	2.58	.810	.196
21	.005	2.28	2.58	.421	89.9	124.	136.	104.	14.8	2.48	.810	.164
22	.002	1.65	2.37	.961	112.	138.	142.	111.	13.6	2.37	.739	.164
23	.000	1.38	1.84	.670	174.	160.	187.	119.	12.5	2.27	.739	.137
24	.000	1.12	1.65	.961	134.	130.	222.	84.8	11.7	2.18	.739	.113
25	.000	.884	1.38	.884	111.5	107.	103.	68.8	10.6	2.09	.670	.113
26	.000	.739	2.37	5.16	70.5	226.	170.	65.8	9.50	1.84	.670	.113
27	.000	.670	1.74	4.09	90.1	317.	309.	57.9	8.75	1.84	.670	.094
28	.000	.810	1.47	3.20	50.4	210.	367.	57.6	8.22	1.74	.604	.094
29	.000	.810	1.56	2.48	49.0	187.	209.	67.4	7.46	1.74	.604	
30	.000	.670	1.56	1.65	48.5	218.	188.	67.1	6.98	1.65	.810	
31	.000		1.29		41.9	205.		56.8		1.65	.670	
MOY	.061	1.04	1.02	1.20	51.1	160.	309.	110.	32.4	3.32	1.02	1.375

DEBIT MOYEN ANNUEL 56.0 M3/S

STATION : TOGO

MCNO

MONO

COTA IKOPE

NUMERO : 47400111

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.080	.232	.027	2.37	.884	16.4	169.	165.	12.4		.810	.272
2	.080	.164	.020	2.27	.961	24.3	236.	160.	11.1		.739	.272
3	.069	.137	.014	2.18	.479	57.3	456.	199.	9.82		.739	.232
4	.069	.113	.009	1.65	5.56	38.8	663.	148.	8.88	1.84	.670	.232
5	.069	.094	.009	1.29	5.68	24.1	799.	118.	8.09	1.84	.670	.196
6	.137	.080	.020	.961	3.56	18.8	547.	129.	7.34	1.74	.670	.196
7	.196	.069	.014	.810	2.70	21.5	423.	101.	6.64	1.74	.670	.164
8	.232	.069	.014	.961	2.37	25.6	330.	80.7	6.19	1.56	.670	.164
9	.164	.057	.009	1.38	1.74	79.8	530.	70.9	5.77	1.56	.670	.137
10	.113	.069	.005	1.29	1.47	75.9	391.	65.2	5.56	1.47	.670	.137
11	13.3	.137	.005	.884	1.84	66.5	285.	61.4	5.16	1.47	.604	.113
12	3.93	.094	.009	.810	1.47	115.	411.	52.6	4.79	1.38	.604	.113
13	5.70	.057	.005	.670	10.1	117.	410.	46.3	4.43	1.38	.540	.137
14	3.21	.046	.005	.604	8.09	158.	433.	41.1	4.09	1.29	.540	.137
15	2.06	.036	.002	.670	7.12	114.	281.	37.3	3.93	1.21	.479	.113
16	1.47	.196	.000	.540	5.46	157.	199.	34.4	3.77	1.21	.479	.113
17	.884	.196	.046	.479	6.01	118.	206.	31.2	3.48	1.21	.479	.094
18	.670	.164	.069	.421	4.27	72.3	215.	28.4	3.48	1.12	.479	.094
19	.540	.137	.272	.365	3.13	76.6	662.	26.4	3.33	1.12	.421	.080
20	.421	.094	.137	.540	2.37	74.7	791.	24.3	3.06	1.12	.421	.069
21	.316	.094	.094	.421	2.28	76.0	778.	22.4	2.94	1.12	.421	.069
22	.232	.069	.080	.670	1.74	50.4	663.	20.8	2.94	1.12	.421	.057
23	.479	.057	.080		1.47	44.2	743.	19.8	2.81	1.12	.421	.057
24	.421	.057	.137	.810	1.47	59.6	284.	18.6	2.70	1.04	.365	.046
25	.316	.046	.113	.739	1.38	106.	272.	19.1	2.58	1.04	.365	.046
26	.272	.094	9.82	.604	1.38	173.	318.	23.6	2.37	.961	.365	.036
27	.232	.057	3.07	.540	2.50	363.	414.	25.7	2.18	.961	.365	.036
28	.316	.046	1.12	.604	2.59	446.	758.	21.0		.884	.316	.027
29	.272	.036	.961	.479	2.48	315.	347.	18.1		.884	.316	
30	.479	.036	4.25	.421	3.37	244.	198.	15.3		.884	.272	
31	.316		2.48		12.4	170.		13.6		.810	.272	
MOY	1.20	.094	.738	.906	3.49	113.	440.	59.3	4.87	1.32	.514	.123

DEBIT MOYEN ANNUEL

51.9

M3/S

Code : 47 40 01 15

bassin versant : 15 680 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M.

Elle a été implantée en Juillet 1964 dans le cadre de l'étude d'un site de barrage à cet endroit. Projet de développement de la rivière MONO (F.S.N.U.), étude SOFRELEC et alter - 1965. (9-Bibliographie)

Coordonnées : 7° 26' N - 1° 26' E

Cote du zéro de l'échelle : 110,16 m., rattachée par l' IGN au nivellement général en avril 1965.

Accès : Par le Togo. Radier de la route d'Atakpamé vers le Dahomey. Cette route est impraticable plusieurs mois de l'année, en saison des pluies.

Installations :

Station ouverte le 28 Juillet 1964 au droit du radier. Elle comprenait 10 éléments métriques étagés; les éléments de 0 à 2 mètres situés en amont du radier, les éléments supérieurs directement en aval. Un limnigraphe à pression type Télémnip de chez NEYRPIIC a été installé dès le début et a relativement mal fonctionné jusqu'à sa date de retrait, le 18 Mai 1967.

L'historique de cette station est assez mouvementé : lors de l'installation de l'échelle, l'hydrologue ne disposant pas de tous les éléments nécessaires, a monté des éléments de 0 à 1 m pour les éléments de 3-4 m, 4-5 m, 5-6 m et 6-7m. Le 11 Janvier 1966, après départ de l'hydrologue constructeur, les éléments sont "normalisés", mais en toute bonne foi, avec un décalage de 1 mètre vers le haut, si bien que l'échelle couvrait la plage 1 à 11 mètres là où autrefois on lisait 0 à 10 mètres.

Quoi qu'il en soit, toutes les cotes et les hauteurs de jaugeage entre le 11 Janvier 1966 et le 23 Avril 1971 ont dû être corrigées de un mètre. De plus il a fallu tenir compte d'un décalage de 52 centimètres pour l'élément de 1 à 2 m (ancien 0 à 1 m).

Depuis le 23 Avril 1971 la disposition des échelles est comparable à la disposition initiale de Juillet 1964.

Une borne-rapère a été posée le 11-6-69 à la cote 9,97 m d'alors, c'est à dire 8,97 mètres actuels.

L'observateur surveille en outre, pour le compte de l'ORSTOM depuis Septembre 1964, un bac d'évaporation COLORADO et un pluviomètre ASSOCIATION.

Lectures :

Les lectures d'échelle sont faites deux fois par jour à 6 heures et 18 heures.

Malheureusement cinq lecteurs plus ou moins sérieux se sont succédés à cette tâche, ce qui entraîne un certain nombre de lacunes dans les résultats d'exploitation fournis ci-dessous.

Jaugeages - Courbes de tarage

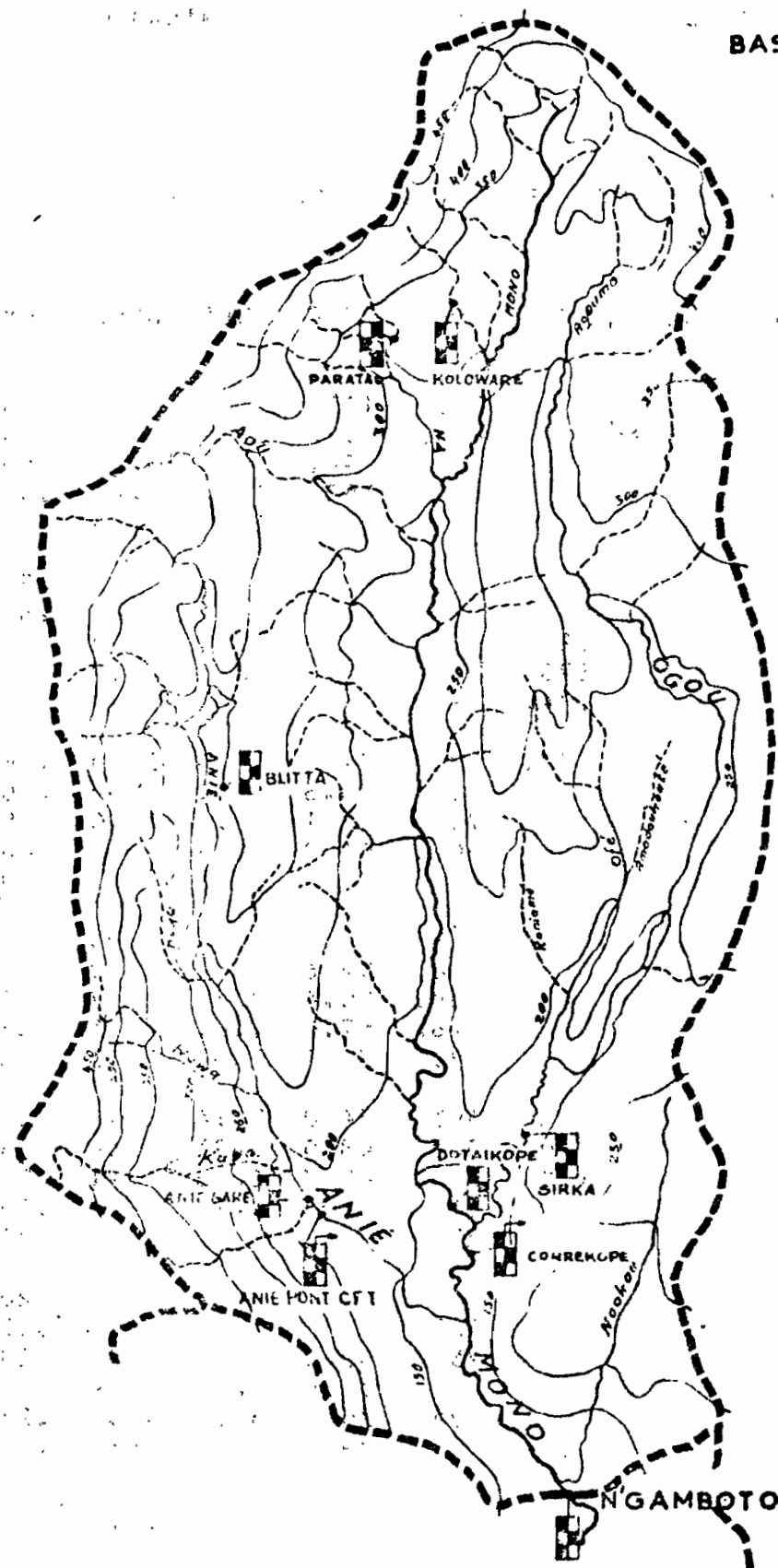
Entre Juillet 1964 et Août 1973 34 jaugeages compris entre zéro et 740 m³/s (cote 634 cm) ont permis le tracé d'une courbe de tarage unique, la station étant parfaitement stable. Cette courbe a dû être extrapolée jusqu'à la cote 9,40 mètres, soit 1480 m³/s, pour permettre la détermination du débit de quelques pointes de crue.

CARACTERISTIQUES DU BASSIN

Se reporter à TETETOU, station suivante.

MONO A N'GAMBOTO

BASSIN VERSANT = 15.680 Km²



NORD



Echelle: 1:1000.000

63

ORSTOM

COMPLEMENTS: 21-11-73
DATE: 20/4/65

DESSINÉ: M. Sossah

T 254H

STATION : TOGO
 NUMERO : 47400115

MCNO

MCNO

N° GAMBOTO

DEBITS MCYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1							368.	177.	24.4	3.65	.568	.200
2							435.	150.	21.7	3.65	.568	.173
3							376.	174.	20.0	3.85	.508	.200
4							385.	153.	18.4	3.46	.508	.200
5							442.	128.	18.4	3.46	.508	.232
6							627.	109.	17.0	3.27	.568	.200
7						97.2	729.	111.	16.6	3.08	.834	.200
8						116.	584.	88.1	17.9	2.90	.834	.173
9						173.	500.		16.6	2.90	.700	.147
10						134.	599.	106.	14.5	2.90	.632	.147
11						137.	595.	81.5	13.4	2.90	.568	.123
12						184.	724.	70.6	12.4	2.90	.508	.100
13						207.	741.	60.1	11.8	2.90	.452	.123
14						191.	601.	54.0	10.8	2.54	.400	.123
15						232.	403.	53.0	9.61	2.20	.400	.123
16							343.	52.0	9.03	2.03	.400	.100
17						171.	410.	92.6	8.75	1.87	.400	.173
18						145.	588.	90.4	8.75	1.87	.352	.173
19						115.	726.	57.0	7.67	1.71	.352	.173
20							689.	54.0	7.67	1.71	.308	.173
21						153.	491.	54.0	7.16	1.71	.308	.123
22						220.	388.	48.0	6.91	1.56	.268	.123
23						199.	295.	42.7	6.66	1.41	.232	.508
24						153.	275.	37.3	5.72	1.41	.232	.452
25						109.	237.	33.4	5.28	1.11	.200	.400
26								31.5	5.50	1.11	.200	.352
27							327.	32.4	4.85	.972	.232	.268
28						165.	258.	32.4	4.44	.834	.200	.232
29						141.		32.4	4.05	.834	.232	
30						166.	225.	29.0	3.85	.632	.232	
31						226.		29.0		.568	.200	
MOY						149.	463.	76.2	11.3	2.19	.416	.204

STATION : TOGO MCNO MONO N° GAMBOTO

NUMERO : 47400115

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	CCTO	NOVE	DECE	JANV	FEVR
1	.200	.000	.700	.480	259.	411.	530.	148.	18.4	2.37	.268	.100
2	.173	.000	.568	1.24	178.	460.	517.	123.	16.6	2.20	.232	.100
3	.147	.000	.400	5.47	227.	357.	446.	118.	16.2	1.50	.200	.078
4	.123	.000	.352	6.66	392.	284.	379.	116.	14.5	1.64	.200	.078
5	.100	.000	.400	5.83	183.	243.	341.	135.	13.1	1.56	.173	.078
6	.078	.000	.232	5.28	138.	255.	269.	179.	11.4	1.41	.147	.058
7	.078	.000	.200	4.44	255.	288.	240.	249.	10.2	1.26	.100	.041
8	.058	.000	.147	3.75	197.	303.	252.	197.	9.32	1.26	.078	.026
9	.058	.000	.123	3.56	132.	287.	253.	154.	8.20	1.11	.147	.013
10	.058	.000	.173	3.56	224.	301.	339.	113.	7.41	.972	.173	.006
11	.041	.000	.200	3.08	200.	240.	574.	217.	6.91	.034	.147	.006
12	.026	.000	.200	4.66	478.	206.	794.	90.8	5.95	.700	.123	.000
13	.026	.000	.147	3.17	849.	179.	674.	117.	5.72	.632	.123	.000
14	.026	.078	.147	3.46	705.	366.	557.	132.	5.28	.700	.123	.000
15	.078	.100	.200	7.52	431.	591.	506.	145.	4.03	.632	.123	.000
16	.041	.078	1.87	59.2	337.	813.	575.	102.	4.44	.632	.123	.000
17	.041	.041	1.71	36.9	554.	751.	408.	80.9	4.24	.568	.100	.000
18	.026	.026	1.41	9.46	741.	496.	380.	72.2	4.05	.568	.100	.000
19	.013	.013	.972	62.7	199.	317.	387.	42.7	3.65	.508	.078	.000
20	.013	.003	.700	70.7	103.	361.	316.	42.7	3.65	.508	.078	.000
21	.013	.000	.632	70.8	110.	348.	308.	38.3	3.46	.452	.058	.000
22	.013	.006	.568	99.0	239.	483.	267.	29.3	3.65	.452	.058	.000
23	.013	.026	.508	155.	202.	352.	240.	37.8	3.46	.400	.100	.000
24	.013	.174	.508	152.	263.	374.	278.	37.4	3.46	.400	.078	.000
25	.013	3.42	.400	107.	366.	334.	259.	32.3	3.46	.400	.058	.000
26	.006	6.74	.352	60.2	389.	383.	255.	30.2	3.27	.352	.058	.000
27	.013	5.28	.452	75.5	301.	311.	222.	27.0	3.08	.400	.041	.000
28	.013	2.72	.568	212.	282.	320.	166.	23.7	2.90	.400	.026	.000
29	.013	1.45	.568	171.	259.	633.	130.	21.4	3.46	.352	.013	
30	.006	1.19	.508	250.	214.	739.	162.	22.4	3.46	.352	.041	
31	.000		.452		173.	495.		20.0		.300	.100	
MOY	.049	.711	.528	55.1	309.	396.	370.	90.2	6.93	.033	.112	.021

DEBIT MOYEN ANNUEL 103. M3/S

STATION : TOGO MCNO MONO N° GAMBOTO

NUMERO : 474C0115

DEBITS MCYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.426	47.5	64.8	845.	384.	113.	5.50	1.41	.200
2	.000	.000	.000	.354	40.5	62.2	870.	313.	83.1	5.28	1.26	.200
3	.000	.000	.000	.232	32.5	40.5	682.	227.	64.3	4.85	1.11	.173
4	.000	.000	.000	.200	27.8	44.7	425.	230.	46.0	4.44	.972	.147
5	.000	.000	.000	.221	20.7	62.3	335.	195.	43.8	4.24	.834	.200
6	.000	.000	.000	.426	15.6	51.0	572.	166.	41.6	3.65	.700	.173
7	.000	.000	.334	.400	12.8	28.2	662.	149.	41.0	3.65	.834	.147
8	.000	.000	.334	.666	10.5	6.24	437.	122.	39.4	3.46	.700	.147
9	.000	.000	.173	.538	8.75	6.78	427.	107.	34.8	3.27	.700	.123
10	.000	.216	.135	.576	22.2	32.0	510.	128.	31.1	3.27	.632	.123
11	.000	.135	.700	.570	21.2	142.	554.	108.	28.5	3.46	.568	.123
12	.000	.571	.700	.426	28.2	178.	414.	137.	26.9	3.27	.568	.100
13	.000	3.02	.632	.298	36.4	140.	316.	169.	24.7	2.90	.508	.123
14	.000	1.16	.568	1.67	49.5	130.	307.	153.	22.7	2.72	.568	.200
15	.000	.160	.426	4.25	66.4	177.	392.	169.	21.1	2.54	.568	.308
16	.000	.091	.330	21.9	73.4	190.	380.	216.	18.7	3.27	.568	.268
17	.000	11.1	.250	13.9	28.4	199.	346.	180.	17.9	3.08	.568	.232
18	.000	9.77	.187	18.9	12.6	226.	351.	131.	16.2	2.90	.508	.200
19	.000	4.39	.135	23.0	13.1	313.	380.	137.	15.2	2.72	.508	.173
20	.000	.480	.166	20.0	27.2	458.	606.	106.	14.5	2.54	.452	.147
21	.000	.334	.216	17.9	113.	557.	414.	89.3	13.8	2.37	.400	.123
22	.000	.160	.234	17.3	90.4	573.	329.	91.0	12.1	2.20	.400	.100
23	.000	.111	.250	20.1	84.2	503.	335.	86.5	11.1	2.20	.352	.100
24	.000	.068	.187	19.7	108.	516.	401.	67.4	10.5	2.20	.308	.078
25	.000	.033	.160	17.7	93.1	634.	365.	62.7	9.90	2.20	.308	.058
26	.000	.009	.135	13.9	57.0	718.	346.	55.5	9.03	2.20	.268	.041
27	.000	.000	.124	27.9	61.9	711.	353.	48.0	8.20	2.03	.232	.058
28	.000	.009	.111	33.4	56.7	662.	434.	42.1	7.93	1.71	.200	.041
29	.000	.000	.068	51.0	66.0	509.	514.	38.3	7.16	1.71	.173	
30	.000	.000	.733	44.8	75.5	416.	421.	114.	6.66	1.56	.232	
31	.000		.538		68.0	647.		166.		1.56	.200	
MOY	.000	1.06	.252	12.4	47.4	290.	457.	142.	28.0	3.00	.568	.147

DEBIT MOYEN ANNUEL

82.0 M3/S

STATION : KOTOGO

MONO

MONO

N° GAMBOTO

NUMERO : 47400115

(DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S))

ANNEE	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1967-1	41.00	.400	31.6				229.	509.	69.6	8.20	5.45	1.56
1967-2	40.78	.376	11.8				208.	382.	78.7	8.20	6.78	1.56
1967-3	40.58	.268	5.06		42.2		237.	283.	60.1	11.4	7.16	1.41
1967-4	40.26	.216	4.25		43.3		271.	237.	45.0	15.0	7.29	1.26
1967-5	40.41	5.173	3.65		40.0		213.	221.	45.0	9.18	4.54	1.11
1967-6	40.26	1.135	2.81		30.7	1.406	195.	254.	45.0	12.5	4.15	1.11
1967-7	40.13	40.124	14.81		28.8	1.811	229.	270.	45.0	13.6	4.05	.972
1967-8	40.13	40.179	14.715		30.4	1.711	323.	336.	45.0	11.6	3.85	.972
1967-9	40.06	1.979	3.27		45.0	1.801	390.	360.	40.0	12.2	3.65	.972
1967-10	40.06	4.334	2.76		45.0	1.474	613.	293.	39.9	13.1	3.65	.834
1967-11	40.00	4.160	2.37		45.0	1.362	698.	213.	35.3	12.1	3.36	.834
1967-12	40.00	4.089	1.87		47.0	1.824	738.	184.	32.9	9.76	3.27	.834
1967-13	40.00	1.027	1.95		74.6	1.818	699.	175.	30.7	8.61	3.17	.700
1967-14	40.00	.733	1.12		46.0	1.904	585.	162.	29.0	9.17	2.99	.700
1967-15	40.00	.538	2.81		88.1	1.444	577.	153.	26.9	7.67	2.72	.700
1967-16	40.00	4.376	2.46		153.	1.401	764.	154.	25.8	6.66	2.90	.632
1967-17	40.00	4.250	3.47		199.	1.401	1050	446.	24.4	6.06	2.90	.632
1967-18	40.00	4.46	2.08		180.	1.401	1260	122	23.0	5.61	2.72	.632
1967-19	40.00	2.55	1.75		116.	1.401	1190	122	21.7	5.06	2.54	.632
1967-20	40.00	1.87	1.28		153.	1.401	1160	273.	21.1	5.06	2.54	.632
1967-21	40.00	1.76	1.08		149.	1.401	962.	175.	20.0	5.06	2.54	.834
1967-22	40.00	22.6	0.32		121.	1.401	853.	181.	19.4	5.95	2.37	.972
1967-23	40.629	13.1	9.68		84.8	1.401	466.	159.	18.9	4.75	2.03	1.11
1967-24	40.604	52.5	10.1		63.3	1.401	361.	140.	17.9	4.56	2.20	1.41
1967-25	40.10.2	79.3	9.93		75.5	1.401	419.	117.	17.0	10.8	2.03	.834
1967-26	40.2.10	72.8	2.46		126.	1.401	455.	101.	16.6	7.54	3.85	.700
1967-27	40.604	66.9	1.49		163.	1.401	376.	90.4	11.8		3.27	.632
1967-28	40.4.45	60.2	.570		282.	1.401	352.	79.8	11.1		2.54	.700
1967-29	40.4.02	47.0	.190		349.	1.401	387.	78.8	10.2	6.42	2.20	.508
1967-30	40.3.54	41.6	.032		309.	1.401	423.	70.6	9.32	6.06	1.87	
1967-31	40.2.32		.063		290.	1.401	339	69.0		5.17	1.71	
MOY	40.530	14.2	6.32		113.	1.401	556.	222.	31.2	8.45	3.43	.910

STATION : TOGO

PCNO

MONO

N° GAMBETO

NUMERO : 47400115

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.508	.232	4.75	9.95	45.0	1110	518.	607.	152.		3.08	.452
2	.452	.268	3.56	12.1	45.0	930.	616.	508.	98.9		2.90	.452
3	.352	.232	3.56	12.2		477.	717.	400.	96.6		2.72	.452
4	.452	.352	3.56	13.4		496.	759.	447.	88.2		2.72	.400
5	.452	.352	6.66	10.8		809.	833.		71.8	10.2	2.54	.352
6	.400	.352	5.39	7.95	202.	606.	852.		52.5	9.61	2.37	.352
7	.352	.352	4.44	6.07	222.	838.	982.	517.	55.1	9.03	2.20	.308
8	.308	.308	3.75	5.17	309.	653.	793.	350.	45.0	8.47	2.03	.308
9	.308	.568	3.36	5.28	290.	643.	562.	290.	45.0	8.20	1.87	.308
10	.308	.834	2.81	5.28	415.	434.	513.	293.	45.0	7.93	1.71	.268
11	.268	.632	2.46	5.06	280.	367.	649.	273.	43.8	7.16	1.87	.268
12	.232	.508	4.44	24.5	250.	893.	824.	234.	40.5	6.66	1.71	.232
13	.232		3.56	18.2	259.	858.	945.	274.	37.8	6.42	1.56	.232
14	.232		5.84	24.7	354.	498.	753.	186.	35.3	6.18	1.56	.200
15	.232	.700	5.39	41.7	328.	444.	689.	161.	34.3	5.95	1.41	.200
16	.173	.700	4.44	45.0	337.	536.	684.	151.	39.9	5.28	1.26	.173
17	.200	1.13	4.65	200.	218.	488.	777.	136.	33.4	4.85	1.26	.173
18	.308	1.20	4.45	151.	193.	502.	772.	130.	30.2	4.44	1.11	.147
19	.400	.700	4.34	123.	163.	528.	627.	178.	28.1	4.15	1.11	.147
20	.452	.700	5.50	55.2	288.	622.	510.	184.	26.9	3.75	.972	.147
21	.452	.836	5.61	45.0	537.	842.	460.	125.	25.4	3.36	.972	
22	.308	2.65	11.0	45.0	435.	962.	442.	98.4	24.0	3.08	.834	
23	.352	2.04	15.6	45.0	413.	1050	373.	160.	23.3	2.63	.834	.078
24	.352	4.18	14.4	39.4	447.	959.	330.	190.	22.0	1.80	.700	.078
25	.352	2.99	15.9	33.4	483.	948.	356.	337.	21.7	3.30	.700	.078
26	.308	2.20	12.6	39.4	508.	875.	427.	385.	21.1	3.85	.632	.058
27	.268	2.63	11.9	32.0	708.	650.	549.	283.	20.2	3.65	.632	.058
28	.232	2.37	7.67	25.1	787.	456.	561.	225.	19.2	3.46	.568	.041
29	.232	3.85	6.42	84.8	448.	413.	492.	162.	18.4	3.27	.568	
30	.200	3.85	5.50	54.1	493.	362.	574.	98.1	17.7	3.17	.508	
31	.173		9.04		882.	388.		95.5		3.08	.508	
MOY	.318	1.30	6.53	40.6	345.	666.	631.	272.	43.8	6.41	1.47	.221

DEBIT MOYEN ANNUEL

169. M3/S

STATION : 011-1060

PCNO

MONO

N° GAMBOTO

NUMERO : 47400115

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.041	.019	3.08	4.05	13.6	84.8	261.	341.	114.	15.5	3.65	.972
2	.041	.013	2.54	.700	11.1	72.8	250.	315.	88.2	14.8	3.65	.834
3	.041	.013	1.56	4.44	37.8	68.0	415.	300.	83.1	14.1	3.65	.834
4	.041	.041	1.56	4.24	23.0	113.	603.		91.6	13.4	3.46	.632
5	.078	2.87	1.56	3.46	16.3	93.8	689.		188.	12.7	3.27	.632
6	.078		1.41	2.90	15.5	106.	664.	258.	159.	12.1	3.08	.632
7	.078		1.87	2.54	14.3	131.	443.	308.	121.	11.4	3.08	.632
8	.173		2.20	2.54	14.1	144.	506.	304.	141.	10.8	3.08	.700
9	.173		2.54	2.37	19.2	115.	749.	315.	120.	10.8	2.90	.972
10	.147	2.28	3.27	2.20	40.1	147.	1050	265.	116.	10.2	2.90	.834
11	.123	2.03	3.46	2.20	45.5	277.	979.	215.	92.6	9.61	2.72	.834
12	.078	1.64	2.90	3.85	49.5	331.	902.	176.	82.1	8.20	2.54	.700
13	.058	2.12	2.37	3.27	45.0	402.	810.	147.	62.8	7.67	2.54	.632
14	.078	17.6	1.87	2.90	49.5	416.	595.	222.	49.0	7.16	2.37	.568
15	.100	11.4	1.56	3.46	50.0	354.	426.	229.	45.0	6.18	2.20	.508
16	.123	8.19	6.18	3.08	95.7	365.	408.	356.	45.0	7.41	2.20	.508
17	.123	3.96	11.5	4.05	126.	300.	436.	271.	45.0	4.05	2.03	.452
18	.100	6.31	8.04	4.15	75.5		517.	226.	42.2		1.87	.400
19	.078	10.8	5.17	2.77	162.		554.	285.	38.3	5.72	1.87	.400
20	.078	8.08	5.55	4.65	224.		507.	266.	35.3	5.28	1.71	.352
21	.078	6.91	7.41	4.15	243.		290.	284.	32.0	5.28	1.56	.352
22	.078	5.50	6.66	4.89	200.		273.	321.	30.2	5.06	1.56	.308
23	.100	3.85	5.41	4.40	242.		275.	234.	28.5	4.85	1.56	.268
24	.100	3.30	9.32	8.75	265.		366.	210.	26.9	4.85	1.41	.268
25	.078	2.54		9.47	222.		471.	157.	25.4	4.64	1.41	.232
26	.078	2.46		15.7	180.		360.	129.	24.7	4.44	1.56	.232
27	.058	3.65		16.2	136.		617.	128.	23.3	4.24	1.41	.268
28	.041	3.65	1.05	16.3	97.2		663.	132.	22.3	4.24	1.41	.268
29	.041	3.46	2.36	18.0	83.7		438.	130.	21.4	4.05	1.26	
30	.026	3.36	6.80	15.3	95.0	374.	323.	144.	16.4	3.85	1.11	
31	.026		4.85		77.1	332.		125.		3.85	.972	
MOY	.082	4.21	4.18	5.90	95.8	267.	528.	237.	67.0	7.79	2.26	.544

DEBIT MOYEN ANNUEL

102. M3/S

STATION : TOGO

PCNO

MONO

N° GAMBOTO

NUMERO : 47400115

DEBITS MENSUELS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.388	.352	.147	10.8	.666	42.2	315.	516.	37.3	4.85		
2	.452	.400	.123	9.03	11.7	87.6	383.	389.	36.3	4.64		
3	.426	.308	.100		20.0	85.3	585.	417.	34.3	4.64		
4	.352		.078		11.6	55.2	624.	386.	25.1	4.44		
5	.308	.632	.078	8.47	6.93	45.0	814.	358.	23.0	4.24		
6	.460	.568	.041	7.93	5.72	45.0	864.	322.	22.3	4.24		
7	.632	.400	.041	5.50	4.98	45.0	847.	286.	19.4	4.05		
8	.836	.308	.147	4.44	3.20		817.	234.	17.9	3.85		
9	.666	.308	.123	3.46	3.63		803.	224.	17.0	3.65		
10	.510	.568	.100	3.08	4.54		715.	216.	17.0	3.46		
11	22.7	.700	.123	2.72	4.54	250.	585.	210.	17.0	3.27		
12	32.4	.400	.100	2.54	5.17	294.	497.	204.	14.8	3.08		
13		.568	.173	2.54	4.72	269.	779.	144.	14.1			
14		.632	.232	2.37	8.49	270.	845.	116.	13.1			
15	12.1	.508	.268	2.54	22.7	265.	824.	96.6	12.7			
16	8.62	.452	.268	2.20	17.3	275.	516.	90.9	12.1			
17	6.06	.352	.400	2.03	15.0	282.		85.9	11.4			
18	4.56	.308	1.81	1.71	31.1	305.		80.4	11.1			
19	2.81	.268		1.56	19.5	177.		74.9	9.32			
20	3.17	.232		1.26	16.1	184.	977.	72.8	8.75			
21	2.72	.200		1.11	11.1	221.	1000	70.1	7.67			
22	2.81	.173	3.46	1.11	9.18	345.	1190	66.4	7.41			
23	1.97	.123	3.75	.972	7.67	280.	1100	56.6	7.41			
24	1.56	.123	2.72	.972	6.54	223.	993.	45.0	7.16			
25	1.19	.100	2.81	.834	14.5	337.	762.	45.0	6.91			
26	.662	.078	5.06	.700	13.1	337.	602.	45.0	6.42			
27	.604	.232	3.19	.632	10.8	397.	791.	45.0	5.95			
28	.568	.308	7.56	.632	11.5	622.	957.	36.3	5.50			
29	.480	.232	16.3	.700	19.5	586.	964.		5.28			
30	.426	.147	15.7	.700	21.7	456.	775.		5.06			
31	.352		15.2		23.0	399.						
MOY	5.02	.348	2.84	3.34	11.8	246.	772.	163.	14.6			

Code : 47 40 01 17

bassin versant : 20 500 km²

CARACTERISTIQUES DE LA STATION

Station exploitée par l' O.R.S.T.O.M.

Coordonnées : 7° 01' N - 1° 33' E

Cote du zéro de l'échelle : 59 m environ, en nivellement I.G.N.

Accès : Sur la route de Nuatja à Parahoué, l'échelle est située dans la descente du radier, rive droite.

Installations :

L'échelle a été installée le 11 Mars 1951, à l'amont du radier.

Une nouvelle échelle a été mise en place le 15 Janvier 1957 à l'aval du radier, la première étant exondée en étiage extrême. Les éléments de 0 à 1 et de 1 à 2 m. de l'ancienne échelle ont été conservés pour établir la correspondance avec la nouvelle. Pour les cotes supérieures à 2 m, les deux échelles indiquent les mêmes niveaux.

Un limnigraphe O T T X, a durée de révolution hebdomadaire, réduction 1/10, a été mis en service le 18 Juin 1964. Il est situé 50 mètres en aval de l'échelle du radier. Il permet l'enregistrement en continu des cotes supérieures à 2,10 mètres à l'échelle.

- Actuellement, on dispose de neuf mètres d'échelle. L'élément de 0 à 1 m étant scellé dans le béton du radier; les éléments suivants : 1-3, 5-7 et 7-9 mètres sont fixés sur fers IPN 163 - 75 mm.

Lectures :

- Entre 1938 et 1948, il a été effectué à cette station un relevé du nombre annuel de jours de submersion du radier : nombre compris entre 99 et 142 jours par an.

Depuis 1951, l'échelle a été lue deux fois par jour à 6 heures et 18 heures jusqu'au 30 Juin 1964 puis à 6 heures et 16 ou 17 heures depuis cette date.

Quatre observateurs se sont succédé à cette station :

- du 11 Mars 1951 au 13 Octobre 1951
- du 7 Décembre 1951 au 30 Juin 1964
- du 1 Juillet 1964 au 31 Août 1971
- du 29 Septembre 1971 à aujourd'hui.

La valeur des relevés est satisfaisante malgré les changements d'observateur et les lacunes consécutives à ceux-là.

Jaugeages - courbes de tarage

La section étant stable, la courbe de tarage est unique et a été tracée avec 36 jaugeages effectués entre 1951 et Juin 1973.

Les débits extrêmes jaugés sont :

- 1,3 litre/s le 28-2-1957 pour une cote de 0,32 m
- 768 m³/s , le 16-10-1957, pour une cote ayant varié de 5,62 à 5,74 mètres.

CARACTERISTIQUES DU BASSIN

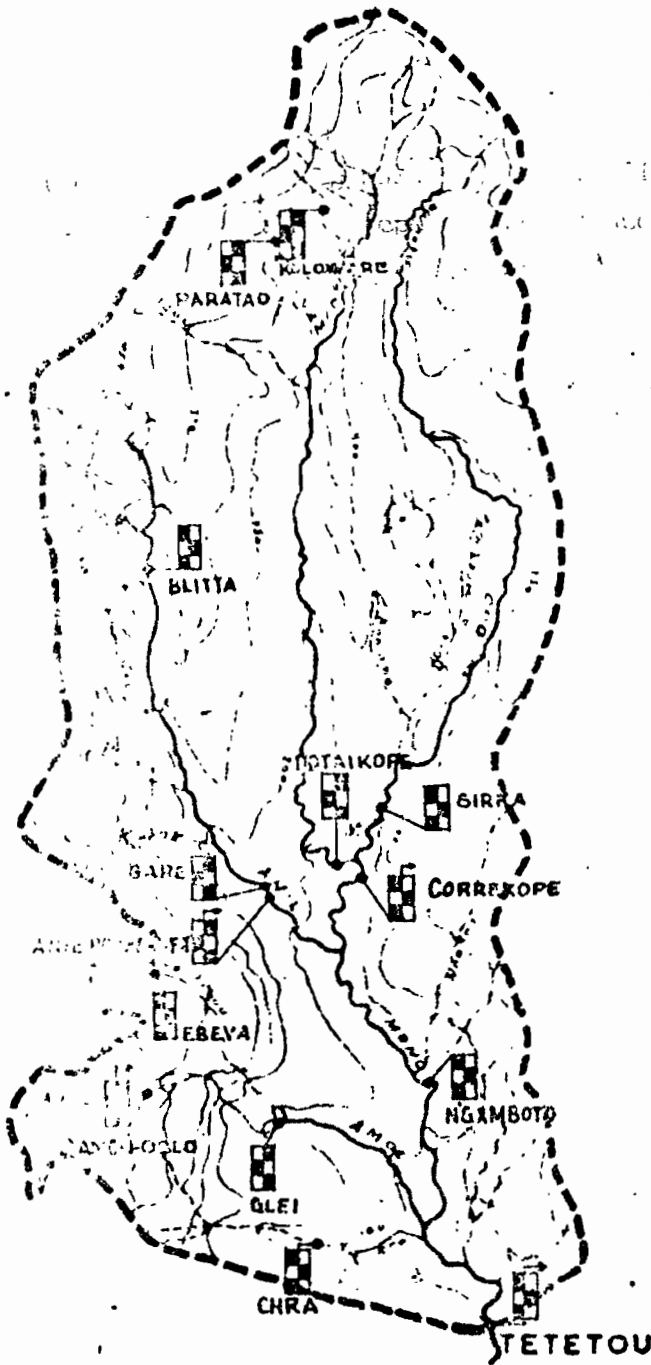
Hypsométrie :

de 961 à 800 m.	0,5 %
de 800 à 600 m	3,1
de 600 à 500 m	3,1
de 500 à 400 m	8,7
de 400 à 350 m	9,8
de 350 à 300 m	15,3
de 300 à 250 m	17,0
de 250 à 200 m	17,4
de 200 à 150 m	14,5
de 150 à 100 m	8,9
de 100 à 59 m	1,7
Altitude moyenne du bassin : 290 mètres	

MONO A TETETOU

BASSIN VERSANT=20500km²

NORD



Echelle: 1:1.500.000

93

ORSTOM

COMPLEMENTS: 21-11-73
DATE: 20/4/65

DESSINE: M. Sossah

T 256 H

Relief et Géologie :

Le bassin est entièrement situé sur le socle précambrien.

Le relief est monotone à l'est (précambrien granito-gneissique).

Il est plus accentué à l'ouest (Monts Togo) et au nord (Atakora) : quartzites et schistes de l'Atacorien.

Végétation :

Savane arborée sur la majeure partie du bassin, beaucoup plus dense à l'ouest. Galerie forestière, assez étroite par endroits, le long du Mono et de ses principaux affluents.

STATION : TOGO MONO MONO TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1951-1952 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1		.670	.993	24.4	9.62	109.	96.6	342.			4.69	2.20
2		.992	.993	22.9	11.8	103.	103.	380.			4.43	2.06
3		.782	.894	13.6	19.1	96.6	103.	419.			4.17	1.81
4		1.12	.993	10.2	26.0	96.6	211.	377.			4.17	1.70
5		1.12	.993	10.2	31.0	90.7	274.	333.			3.93	1.59
6		1.42	1.15	18.6	27.6	85.0	295.	308.			3.70	1.59
7		1.16	1.15	12.5	25.9	96.6	333.	299.		16.2	3.70	2.69
8		1.12	1.15	7.69	26.6	93.1	249.	203.		15.7	3.48	1.81
9		1.12	1.15	6.47	25.9	103.	232.	183.		14.8	3.27	1.50
10		1.16	1.15	4.96	32.8	79.4	219.	165.		13.4	3.48	1.42
11	.132	8.22	1.15	4.96	36.5	74.0	195.	97.8		12.5	3.27	1.29
12	.132	9.22	1.15	6.47	36.5	74.0	187.	244.		12.0	3.06	1.19
13	.132	6.59		4.96	36.5	103.	171.			11.6	3.06	1.16
14	.226	3.27		4.96	25.0	105.	171.			11.1	3.06	1.16
15	1.16	3.16	.993	4.17	22.8	103.	164.			10.2	2.87	1.16
16	1.14	2.45	.993	3.70	173.	90.7	215.			9.32	2.69	1.14
17	1.14	1.92	.894	3.70	122.	90.7	228.			9.41	2.69	1.13
18	1.13	1.59	.479	2.69	103.	85.0	244.			9.00	2.52	1.13
19	1.29	1.22	.670	3.27	74.0	85.0	380.			8.23	2.36	1.12
20	1.33	1.16	.894	3.72	63.4	90.7	397.			8.23	2.36	1.12
21	1.90	1.16	1.91	5.25	53.6	81.6	274.			7.86	2.36	1.13
22	1.15	1.15	11.8	3.08	53.6	85.0	295.			7.50	2.20	1.13
23	1.15	1.15	11.4	4.96	44.6	79.4	402.			7.14	2.06	1.10
24	1.15	1.15	10.2	3.94	49.1	79.4	316.			6.80	2.20	1.04
25	1.12	1.16	14.8	6.47	63.8	90.7	232.			6.47	2.20	1.04
26	1.12	1.15	14.8	31.2	46.8	96.6	191.			6.15	2.06	2.06
27	1.12	.894	14.3	11.6	74.0	96.6	171.			6.15	2.06	2.52
28	1.12	.894	19.9	13.9	85.3	90.7	228.			5.84	2.06	1.13
29	1.15	.894	11.4	35.4	112.	90.7	244.			4.96	2.06	1.29
30	.894	.894	12.5	29.9	103.	82.2	303.			4.96	2.52	
31	.894		13.6		96.6	76.7				4.69	2.52	
MOY	.831	1.99	5.05	10.7	55.2	90.4	237.			13.3	2.94	1.46

STATION : TOGO

MCNO

MCNO

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1952-1953 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.16	1.16	.670	1.51	14.9	179.	50.9	766.	120.	14.8	4.96	1.29
2	1.14	1.13	.713	1.29	19.9	211.	49.9	789.	128.	12.9	4.96	1.23
3	1.14	1.15	.993	1.16	27.6	187.	52.6	525.	117.	12.3	4.96	1.15
4	1.13	.993	1.16	1.25	29.3	253.	52.6	363.	95.4	11.6	4.96	1.15
5	1.12	.993	1.93	2.03	40.6	236.	78.3	374.	83.9	11.6	4.96	1.13
6	1.13	.943	3.70	4.33	28.3	261.	86.1	329.	79.4	11.6	4.96	1.13
7	1.10	.943	3.06	4.33	44.6	320.	172.	325.	125.	12.5	4.96	1.12
8	1.04	1.10	11.3	2.69	42.7	389.	200.	336.	149.	12.5	4.96	1.12
9	1.04	1.16	11.5	3.66	72.2	355.	102.	459.	96.7	12.5	4.96	1.13
10	1.10	1.13	4.96	11.6	199.	244.	149.	432.	76.7	11.6	4.96	1.14
11	1.15	1.15	4.23	5.62	112.	119.	298.	363.	137.	10.2	4.96	1.15
12	2.06	1.04	2.69	4.96	68.7	149.	270.	354.	62.3	8.82	4.96	1.15
13	8.23	.894	2.31	4.43	76.8	211.	218.	389.	53.6	8.23	4.96	1.14
14	3.48	.894	1.51	4.57	109.	164.	217.	428.	50.3	4.96	4.43	1.42
15	2.20	.894	1.59	4.96	135.	120.	226.	399.	43.5	4.96	3.70	1.42
16	1.50	.894	2.14	4.30	99.6	106.	282.	302.	44.6	4.96	3.06	1.22
17	1.35	.847	11.4	3.82	139.	125.	315.	437.	42.1	4.96	3.06	1.12
18	1.50	.847	4.96	2.98	128.	148.	289.	462.	39.3	4.96	2.69	1.15
19	1.59	.756	4.96	1.81	122.	119.	319.	316.	36.5	4.96	2.69	1.32
20	1.50	.756	3.06	1.64	106.	93.7	397.	272.	35.1	4.96	2.36	1.42
21	1.42	.756	2.60	1.50	156.	86.1	320.	228.	34.6	4.96	2.20	1.38
22	1.19	.756	2.69	3.19	157.	81.7	285.	140.	31.0	4.96	1.93	1.26
23	9.00	.756	2.07	36.7	177.	74.0	460.	156.	29.6	16.5	1.93	1.19
24	4.96	1.04	1.93	19.2	130.	68.6	533.	177.	25.9	18.3	1.93	1.19
25	3.70	.847	1.76	9.23	129.	62.9	482.	209.	25.3	20.3	1.81	1.19
26	2.87	.847	1.42	9.02	90.8	62.9	396.	261.	20.8	17.0	1.59	1.19
27	2.20	.847	1.42	12.0	79.5	67.1	354.	168.	19.6	12.0	1.59	3.00
28	1.81	.801	1.67	20.0	117.	60.4	344.	219.	18.0	10.9	1.42	14.3
29	1.50	.801	2.60	13.0	171.	54.5	461.	219.	16.7	11.8	1.50	
30	1.35	.801	2.20	10.2	149.	53.6	572.	191.	14.8	9.82	1.42	
31	1.19		2.07		172.	48.1		195.		8.42	1.35	
MOY	2.16	.991	3.27	7.04	101.	152.	268.	340.	61.8	10.3	3.39	1.92

DEBIT MOYEN ANNUEL

79.9 M3/S

STATION : TOGO

MCNO

MONO

TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1953-1954 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	51.39	2.06	1.12	37.7	65.0	514.	211.	165.	77.8	10.2	3.70	1.16
2	61.59	1.70	1.16	29.2	74.0	456.	171.	224.	71.8	10.2	3.06	1.16
3	14.5	1.59	1.12	32.9	65.0	463.	203.	252.	63.4	9.00	2.69	1.16
4	11.2	1.50	1.14	53.5	117.	543.	265.	230.	56.4	9.00	2.69	1.16
5	23.1	1.35	1.07	53.2	118.	641.	244.	229.	49.0	8.23	2.52	1.16
6	32.5	1.23	1.04	65.7	113.	617.	236.	219.	48.1	7.50	2.29	1.14
7	20.1	1.23	.943	83.5	110.	509.	211.	171.	44.6	6.80	2.20	1.13
8	12.3	1.70	1.10	110.	87.3	458.	228.	156.	40.4	6.47	2.06	1.13
9	9.41	1.56	1.13	114.	112.	487.	265.	179.	71.3	6.15	2.06	1.12
10	8.28	1.42	1.13	114.	130.	419.	321.	187.	68.7	5.53	3.79	1.15
11	7.86	1.26	1.14	184.	299.	388.	312.	354.	51.2	4.96	3.48	1.15
12	4.96	1.45	1.16	106.	320.	314.	278.	363.	46.8	4.96	3.48	1.15
13	4.66	1.13	3.82	320.	329.	257.	244.	291.	40.4	4.96	2.87	1.10
14	4.05	1.12	2.60	203.	310.	214.	245.	244.	35.5	4.96	2.69	1.04
15	3.70	1.15	2.36	115.	372.	199.	346.	225.	35.7	4.96	2.52	.993
16	3.16	1.13	2.00	66.1	312.	203.	468.	187.	36.5	4.43	2.36	.943
17	2.69	1.07	1.81	76.7	245.	167.	441.	155.	31.5	4.17	3.06	.943
18	4.66	1.14	1.70	90.8	224.	151.	433.	149.	29.2	4.17	2.28	.894
19	4.66	2.65	2.15	75.6	231.	135.	256.	195.	25.9	3.93	2.81	.894
20	4.69	3.06	3.55	76.7	270.	95.8	253.	184.	22.8	3.70	1.93	.847
21	3.70	2.87	3.54	85.0	268.	118.	414.	170.	20.5	3.70	2.00	.949
22	2.69	2.69	3.48	50.7	186.	114.	371.	211.	19.9	3.70	2.21	1.15
23	2.69	2.44	3.27	58.4	274.	127.	278.	219.	21.1	3.48	1.93	1.16
24	2.52	2.52	3.66	55.8	245.	177.	244.	146.	17.2	3.48	1.81	1.14
25	2.36	3.08	3.50	53.7	208.	380.	203.	127.	14.8	3.06	1.64	1.19
26	2.06	2.25	4.05	50.8	463.	359.	179.	109.	14.8	2.87	1.46	1.20
27	1.81	1.87	4.58	117.	636.	263.	212.	96.6	15.2	2.69	1.42	1.14
28	1.81	1.81	4.56	153.	784.	236.	265.	85.0	14.3	3.06	1.26	1.05
29	2.20	1.55	57.2	50.8	635.	244.	224.	79.4	13.4	3.27	1.19	
30	1.93	1.42	61.2	63.3	667.	287.	179.	74.0	12.5	3.93	1.19	
31	2.36		63.8		578.	312.		74.6		4.43	1.14	
MOY	6.55	1.76	8.64	103.	252.	318.	273.	185.	37.0	5.23	2.31	1.09

6^e DEBIT MOYEN ANNUEL 104. M3/S

STATION : TOGO PCNO MONO TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1954-1955 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.993	1.93	1.35	4.96	113.	58.4	106.	96.6	253.	27.6	2.69	1.15
2	.993	2.69	1.31	5.40	121.	52.6	175.	94.2	117.	23.7	2.52	1.15
3	1.04	2.52	4.69	15.3	80.6	51.3	240.	97.8	134.	20.5	2.36	1.23
4	1.10	2.21	4.96	18.3	60.9	58.4	142.	101.	106.	18.6	2.20	1.14
5	.993	2.87	4.96	25.4	55.5	58.4	100.	99.6	93.7	17.0	2.06	1.12
6	.894	2.87	4.43	19.6	51.3	52.6	80.0	106.	82.2	15.5	2.06	1.15
7	.894	2.52	3.70	17.8	44.6	48.1	113.	180.	72.9	14.1	1.93	1.15
8	.847	1.93	3.27	12.3	42.9	42.5	170.	156.	66.0	12.7	1.93	1.10
9	.943	1.64	3.48	11.1	66.5	39.3	129.	160.	59.4	11.6	1.81	1.04
10	.943	1.87	2.60	23.8	125.	36.5	101.	381.	53.6	10.2	1.70	.993
11	.894	1.81	2.21	40.1	86.3	35.0	86.7	552.	50.8	7.52	1.70	.943
12	.894	2.89	1.93	74.0	64.4	38.5	88.5	533.	45.9	6.47	1.59	.894
13	.756	4.06	1.81	63.8	63.4	44.6	91.3	543.	38.5	5.53	1.50	.894
14	.713	2.98	1.42	45.5	57.4	42.9	95.0	560.	43.8	4.96	1.42	.894
15	.801	1.81	1.51	37.3	54.5	48.2	85.1	380.	43.8	4.96	1.42	.894
16	.801	1.42	2.97	31.0	57.4	78.9	200.	468.	45.5	4.96	1.35	.801
17	1.10	1.42	3.17	26.9	60.4	68.1	110.	581.	61.0	5.53	1.29	.756
18	1.15	1.29	2.65	24.4	79.5	60.4	103.	468.	85.0	4.96	1.23	.713
19	1.15	1.19	2.20	17.2	65.9	51.3	99.6	419.	82.2	4.96	1.23	.670
20	1.47	1.19	2.06	16.2	103.	46.3	85.0	468.	71.3	4.96	1.19	.670
21	1.93	1.42	2.06	21.1	81.7	46.8	89.7	363.	62.9	6.47	1.19	.630
22	1.81	1.42	1.70	24.0	82.6	42.9	112.	253.	56.9	6.47	1.16	.590
23	1.35	1.42	1.55	23.1	151.	40.9	87.9	207.	47.2	5.53	1.14	.552
24	1.22	1.29	1.42	24.4	116.	53.6	114.	183.	42.1	5.24	1.13	.515
25	1.67	1.42	1.89	18.0	94.9	50.3	108.	173.	36.5	4.96	1.13	.515
26	2.60	1.42	3.08	20.1	81.6	44.6	98.4	158.	35.0	3.93	1.12	.479
27	2.69	1.29	1.81	52.7	72.9	45.5	85.6	164.	32.8	3.70	1.12	.479
28	4.06	1.29	2.76	114.	66.0	62.9	87.3	137.	31.0	3.70	1.12	.445
29	4.18	1.70	5.71	103.	61.3	82.2	95.4	135.	29.9	3.27	1.15	
30	3.29	1.93	9.05	84.0	63.5	91.9	93.7	245.	29.2	3.06	1.10	
31	2.28		5.68		69.8	75.1		363.		2.06	1.04	
MOY	1.50	1.92	3.01	33.8	77.2	53.2	112.	285.	66.9	8.89	1.54	.842

DEBIT MOYEN ANNUEL

54.3 M3/S

STATION : TOGO

MOMO

MOMO

TETETCU

NUMERO : 47430117

DEBITS MOYENS JOURNALIERS EN 1955-1956 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.479	1.31	44.3	5.71	68.3	678.	360.	347.	219.	22.5	4.96	1.42
2	.943	1.42	28.4	4.31	265.	718.	349.	780.	171.	21.3	4.96	1.35
3	.870	1.23	17.3	5.37	165.	787.	538.	436.	145.	19.6	3.93	1.19
4	.670	1.32	12.9	34.3	157.	758.	512.	388.	130.	18.0	3.70	1.16
5	.670	1.31	22.6	112.	225.	718.	473.	513.	119.	17.2	3.70	1.16
6	.670	3.93	55.5	53.7	245.	688.	512.	334.	120.	17.0	3.70	1.16
7	.610	4.43	39.7	39.7	183.	648.	567.	241.	111.	16.0	3.48	1.14
8	.590	3.90	32.8	32.8	133.	455.	656.	244.	93.7	14.3	3.48	1.16
9	1.21	3.70	26.9	32.1	108.	437.	639.	122.	83.9	14.3	3.27	1.16
10	7.12	4.43	20.5	32.5	146.	428.	556.	117.	78.3	14.3	3.27	1.16
11	15.7	4.43	16.0	56.1	215.	459.	664.	131.	73.4	24.7	3.06	1.16
12	8.62	3.19	19.6	86.5	188.	491.	767.	348.	70.2	20.2	2.87	1.14
13	7.15	4.11	11.4	51.3	164.	515.	694.	222.	64.4	16.5	2.87	1.14
14	4.96	11.4	8.23	55.0	171.	600.	593.	289.	59.8	13.8	2.69	1.13
15	2.88	32.9	8.23	127.	171.	600.	564.	89.4	55.0	11.1	2.69	1.13
16	2.36	48.8	9.23	82.8	167.	477.	581.	84.5	52.6	8.82	2.69	1.12
17	1.70	36.6	11.8	83.4	454.	428.	654.	93.8	49.0	10.2	2.69	1.15
18	1.35	8.35	23.6	123.	477.	371.	688.	81.1	45.5	9.00	2.52	1.15
19	2.69	15.5	26.3	110.	406.	316.	758.	98.5	46.8	8.23	2.36	1.15
20	4.18	115.	15.1	71.8	446.	303.	868.	76.1	47.2	8.23	2.36	1.15
21	3.38	61.0	15.7	70.2	355.	372.	783.	109.	42.5	7.50	2.06	1.15
22	2.69	32.5	12.5	69.7	270.	482.	713.	124.	40.0	7.50	1.93	1.15
23	4.30	17.3	11.6	74.0	295.	528.	758.	136.	37.7	6.80	1.93	1.15
24	3.48	11.8	9.41	74.0	441.	483.	854.	260.	35.7	6.80	1.93	1.15
25	2.88	8.82	8.62	102.	402.	475.	936.	288.	33.5	6.80	1.81	1.16
26	5.96	8.23	8.23	142.	325.	512.	754.	481.	32.4	6.47	1.81	1.29
27	9.61	8.42	8.82	106.	325.	538.	643.	1010	30.3	6.47	1.70	1.19
28	7.35	10.2	8.04	93.7	420.	446.	668.	564.	29.6	4.96	1.59	1.13
29	3.70	13.8	6.59	74.0	642.	402.	747.	936.	26.2	4.96	1.50	1.12
30	4.06	31.8	5.71	63.4	840.	527.	668.	608.	24.7	4.96	1.42	
31	2.61		4.96		723.	517.		336.		4.96	1.42	
MOY	3.72	17.1	18.1	68.5	310.	521.	653.	319.	72.3	12.1	2.72	1.17

DEBIT MOYEN ANNUEL

167. M3/S

STATION : TOGO

MONO

MONO

TETETCU.

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1956-1957 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.16	4.69	1.50	1.35	19.1	15.7	79.5	103.	19.4	3.93	1.14	.300
2	1.26	4.06	1.42	1.16	16.7	20.5	81.6	84.4	17.2	3.70	1.12	.272
3	1.19	4.96	1.42	1.20	14.3	26.3	96.6	85.1	10.5	3.48	1.12	.300
4	1.16	6.47	1.42	1.46	11.8	35.7	82.4	126.	13.2	3.06	1.15	.300
5	1.14	7.16	1.38	2.06	9.82	32.0	66.0	146.	12.5	3.82	1.15	.329
6	1.15	5.82	1.32	2.36	8.23	28.6	55.0	165.	11.6	4.69	1.24	.300
7	1.12	7.52	1.19	3.70	9.90	25.0	49.0	240.	6.47	4.96	1.13	.246
8	1.08	5.84	1.16	3.06	20.1	27.6	47.2	175.	6.15	2.69	1.02	.300
9	2.05	4.96	1.18	3.07	36.1	21.6	57.5	170.	5.53	3.93	.970	.246
10	4.06	4.69	1.29	4.18	28.2	16.7	72.9	135.	5.24	4.69	.920	.246
11	4.43	5.96	1.24	5.71	24.7	14.8	144.	146.	5.86	7.35	.872	.221
12	4.18	11.1	1.18	7.86	31.0	15.2	161.	139.	8.04	8.23	.824	.221
13	3.48	5.82	1.15	9.23	24.1	15.5	150.	110.	8.23	7.94	.778	.221
14	2.69	8.23	1.13	13.8	16.2	14.3	112.	96.6	8.23	4.69	.734	.198
15	2.44	6.98	1.13	11.1	12.0	12.0	102.	91.3	7.14	3.70	.690	.175
16	3.31	4.96	1.15	9.20	10.7	10.7	119.	82.2	5.99	3.07	.648	.154
17	6.33	4.43	2.36	9.97	12.5	10.5	160.	71.3	5.24	2.69	.648	.154
18	17.6	3.70	1.76	16.8	19.5	11.3	120.	59.9	4.96	2.36	.648	.135
19	14.9	2.69	1.35	19.4	18.3	15.4	131.	51.7	4.96	2.69	.608	.099
20	9.23	2.69	1.19	19.6	16.7	26.0	120.	51.7	4.96	2.69	.569	.099
21	8.35	2.69	1.15	22.9	12.5	20.5	126.	51.7	4.96	2.69	.530	.069
22	12.3	2.69	1.12	37.4	12.5	18.3	135.	53.6	4.96	2.36	.530	.083
23	8.23	2.52	1.15	66.2	12.5	25.3	195.	49.0	4.43	1.93	.493	.083
24	7.86	2.36	1.50	67.0	12.0	21.4	171.	44.6	3.93	1.93	.493	.069
25	6.47	2.20	1.37	55.2	10.7	16.5	143.	41.3	3.93	1.93	.458	.056
26	7.35	1.93	1.14	39.7	18.7	14.8	115.	35.0	4.17	1.59	.424	.044
27	10.2	1.50	1.14	33.9	35.0	14.3	96.6	35.7	4.17	1.42	.359	.025
28	9.82	1.42	1.13	26.9	26.0	21.1	97.8	32.8	3.93	1.35	.359	.017
29	7.86	1.42	1.13	21.9	20.5	36.6	94.2	29.9	3.93	1.14	.391	
30	6.15	1.42	1.16	20.5	22.5	60.0	113.	26.2	3.93	1.16	.359	
31	4.96		2.31		18.8	74.0		22.2		1.16	.329	
MOY	5.60	4.69	1.33	18.3	18.1	23.8	110.	88.7	7.12	3.32	.733	.177

DEBIT MOYEN ANNUEL

23.6 M3/S

STATION : TOCO

MCND

MONO

TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	ACUT	SEPT	CCTO	NOVE	DECE	JANV	FEVR
1	1.017	2.17	1.22	39.3	380.	168.	748.	677.	224.	37.0	11.6	5.64
2	1.010	2.85	1.22	41.5	329.	149.	611.	594.	191.	32.7	11.6	5.64
3	1.010	2.49	1.22	49.7	221.	356.	562.	441.	177.	59.1	10.9	5.03
4	1.005	1.78	1.22	39.3	214.	587.	557.	389.	159.	40.8	10.7	5.03
5	1.005	1.68	1.24	56.6	179.	533.	522.	466.	345.	54.8	9.79	4.46
6	1.005	1.68	1.07	65.0	195.	456.	557.	688.	367.	80.6	9.36	3.95
7	1.003	1.36	0.970	39.3	295.	533.	456.	776.	268.	78.1	9.36	3.47
8	1.002	1.24	0.920	31.4	346.	332.	650.	575.	187.	62.2	8.73	3.47
9	1.002	1.22	1.02	29.6	420.	278.	834.	439.	142.	54.0	8.12	3.04
10	1.002	1.07	0.920	22.0	600.	349.	953.	562.	132.	45.5	8.12	3.04
11	1.002	0.970	0.920	79.4	556.	425.	964.	743.	128.	37.4	7.73	2.85
12	1.002	0.872	0.920	303.	623.	380.	922.	584.	111.	33.8	8.12	2.66
13	1.001	0.778	0.824	477.	658.	432.	874.	375.	104.	31.7	7.93	2.49
14	1.458	0.778	0.778	228.	429.	395.	664.	343.	93.1	28.4	8.52	2.49
15	1.458	0.648	0.778	156.	446.	343.	674.	370.	83.9	26.8	8.52	2.32
16	1.68	0.650	0.778	164.	756.	360.	800.	692.	74.0	24.9	8.98	2.17
17	1.18	0.872	0.872	239.	901.	485.	867.	724.	73.0	23.7	17.2	2.03
18	1.824	0.831	0.920	171.	468.	567.	960.	714.	63.6	22.6	12.1	1.78
19	1.448	1.22	1.24	228.	429.	533.	1160	706.	60.3	21.4	9.14	1.68
20	1.568	1.12	3.04	346.	464.	569.	913.	452.	54.3	20.3	7.93	1.58
21	1.530	1.12	4.74	355.	295.	471.	666.	348.	54.0	19.2	7.36	1.58
22	1.530	1.18	4.74	361.	307.	487.	500.	294.	140.	19.2	6.99	1.49
23	1.608	1.27	4.6.2	360.	276.	592.	546.	267.	128.	19.2	6.63	1.42
24	1.608	7.73	15.6	228.	260.	640.	625.	248.	101.	19.2	6.12	1.31
25	3.04	3.70	12.1	195.	244.	764.	648.	265.	77.3	17.1	5.96	1.27
26	1.58	4.46	104.	135.	211.	651.	552.	387.	60.4	16.6	5.64	1.31
27	1.22	5.64	211.	109.	179.	705.	556.	336.	55.3	15.1	5.64	1.27
28	1.24	5.22	109.	85.0	208.	590.	853.	260.	49.7	14.7	5.64	1.78
29	4.21	2.17	128.	74.0	292.	519.	613.	341.	45.5	14.2	5.64	
30	2.32	1.36	66.0	228.	275.	693.	676.	346.	43.9	13.1	5.64	
31	1.68		54.8		195.	827.		280.		12.6	5.64	
MOY	1.756	2.04	25.1	167.	378.	492.	711.	473.	126.	32.1	8.43	2.72

DEBIT MOYEN ANNUEL

203. M3/S

STATION : 1060

MCNO

MONO

TETETOJ

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	2.17	1.13	4.20	16.9	28.1	3.70	3.70	82.8	7.73	12.1	1.58	.458
2	2.17	1.02	4.21	37.1	28.1	3.47	3.70	58.5	6.99	9.36	1.49	.424
3	2.03	.970	5.80	28.8	24.7	3.25	3.70	50.5	6.63	7.73	1.49	.391
4	1.78	.970	6.99	16.4	21.4	3.04	3.70	47.1	5.64	7.73	1.42	.359
5	1.58	1.13	12.6	14.2	19.8	2.85	3.95	45.5	5.03	7.36	1.42	.329
6	1.42	1.24	15.5	13.9	17.9	2.66	3.70	38.5	4.46	6.63	1.36	.329
7	1.31	1.18	48.4	11.6	19.0	1.78	3.47	36.3	4.46	5.96	1.36	.329
8	1.27	1.13	38.6	11.6	18.2	1.68	6.63	34.8	3.95	5.33	1.22	.329
9	2.32	1.13	26.5	14.4	16.4	2.32	7.36	32.7	3.70	5.03	1.22	.300
10	1.90	1.07	23.5	50.9	15.9	2.17	19.2	28.7	3.95	4.20	1.22	.300
11	2.49	1.24	20.9	60.3	13.4	2.17	14.7	28.1	4.46	3.95	1.22	.300
12	3.04	1.49	23.5	59.9	10.6	2.49	12.6	51.4	4.46	3.47	1.24	.272
13	2.49	1.36	20.6	35.6	11.4	3.04	11.2	74.0	4.46	3.25	1.24	.272
14	2.17	1.22	16.9	24.3	11.2	2.66	10.7	56.6	4.46	3.04	1.24	.272
15	2.66	1.22	14.7	28.8	10.0	2.32	9.36	42.3	3.47	2.85	1.18	.272
16	2.17	1.24	13.9	69.0	9.57	2.32	11.6	34.8	3.25	2.85	1.18	.246
17	1.97	1.24	11.9	69.0	8.93	2.17	11.6	29.4	3.04	2.49	1.18	.246
18	1.68	1.23	12.2	69.4	8.73	2.03	9.79	25.6	1.00	2.17	1.13	.300
19	1.49	1.58	17.4	114.	7.50	13.1	8.12	24.3	4.46	2.03	.920	.530
20	1.36	3.93	10.7	56.9	9.36	12.1	8.12	20.9	5.33	1.90	1.02	.568
21	1.39	8.94	10.7	82.4	11.5	9.79	8.52	21.4	4.20	1.90	.970	.778
22	1.27	7.54	11.7	82.8	9.13	8.12	6.99	19.2	3.95	1.90	.872	.734
23	1.27	6.81	8.73	66.5	7.54	6.99	18.2	19.8	3.47	1.58	.824	.648
24	1.23	6.64	7.36	53.1	6.99	6.29	57.5	17.6	3.04	2.03	.734	.648
25	1.22	5.64	6.81	69.0	6.12	5.64	41.5	15.1	3.70	1.90	.690	.648
26	1.22	4.08	6.29	55.4	5.64	5.03	63.1	13.1	4.20	1.78	.648	.608
27	1.27	3.36	6.99	43.9	5.64	4.46	105.	11.6	5.33	2.66	.648	.608
28	1.23	2.75	7.93	48.4	4.46	4.20	67.0	10.7	7.36	2.66	.568	.568
29	1.22	2.68	7.17	38.1	4.46	4.20	49.7	10.7	7.73	2.32	.530	
30	1.24	5.05	5.96	31.7	4.20	4.20	70.9	10.2	16.1	2.17	.530	
31	3.41		5.64		3.70	3.95		8.52		1.90	.530	
MOY	1.79	2.67	15.9	47.2	12.2	4.33	21.9	32.3	5.03	3.94	1.06	.431

DEBIT MOYEN ANNUEL

12.4 M3/S

STATION : TOGO

MCNO

MCNO

TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRIL	MAY	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.493	1.78	11.1	3.47	7.17	220.	191.	622.	71.6	20.0	2.85	1.31
2	.458	1.68	8.52	3.04	6.12	187.	223.	607.	73.7	17.4	2.66	1.31
3	.424	1.78	7.21	2.66	7.94	153.	185.	523.	59.9	16.1	2.49	1.27
4	.391	6.29	5.80	2.49	9.57	141.	185.	437.	52.2	14.7	2.32	1.36
5	.391	5.64	3.15	2.32	13.4	118.	174.	369.	49.2	13.7	2.17	1.27
6	.359	5.73	2.94	2.49	20.6	117.	161.	337.	46.3	12.6	2.03	1.22
7	.329	3.47	2.32	2.49	18.4	97.2	354.	278.	45.1	11.3	1.90	1.22
8	.329	3.95	5.33	3.15	23.3	91.9	329.	211.	41.9	11.2	1.90	1.22
9	.300	4.46	5.48	3.25	43.6	82.8	311.	182.	40.4	10.7	1.90	1.22
10	.272	4.46	18.7	4.20	43.5	73.0	376.	163.	36.3	10.9	1.78	1.22
11	.300	4.46	18.7	4.07	88.5	63.1	358.	177.	20.5	10.2	2.17	1.24
12	.300	1.68	14.2	3.47	104.	57.1	382.	267.	28.4	8.93	2.17	1.24
13	.200	2.49	17.4	2.77	142.	50.1	371.	416.	25.9	7.93	2.85	1.07
14	.300	2.03	19.0	2.25	125.	45.5	318.	425.	24.0	7.36	2.85	1.07
15	.272	1.68	15.6	1.84	135.	42.3	266.	318.	22.0	6.99	2.17	.970
16	.272	1.58	14.2	1.58	140.	39.3	299.	225.	21.4	6.99	1.90	.920
17	.648	1.42	11.7	1.55	190.	34.5	311.	174.	24.1	7.54	1.90	.872
18	1.07	1.27	8.12	2.66	164.	31.4	287.	158.	25.9	8.53	1.90	.824
19	1.02	1.22	12.1	2.66	198.	28.1	399.	184.	22.6	9.38	1.78	.778
20	.970	1.22	10.2	2.75	146.	24.9	463.	192.	22.6	7.36	2.03	.734
21	.778	1.22	9.79	3.15	116.	25.3	517.	215.	22.0	5.80	1.58	.734
22	.872	2.17	14.9	2.66	96.6	24.3	581.	177.	20.9	5.64	1.49	.690
23	1.27	7.26	20.3	3.99	100.	22.3	483.	169.	18.2	5.18	1.42	.648
24	1.02	4.46	13.2	12.5	123.	21.1	376.	136.	17.1	4.20	1.42	.648
25	1.02	3.25	9.36	14.7	151.	22.6	293.	136.	26.6	4.46	1.36	.568
26	.872	2.85	8.14	11.5	282.	19.8	419.	119.	37.5	3.95	1.31	.568
27	.778	9.36	6.99	9.79	209.	18.4	482.	130.	33.1	3.47	1.27	.530
28	.734	16.6	6.63	12.4	197.	20.3	435.	104.	31.4	3.70	1.27	.530
29	.920	9.36	5.33	10.9	260.	29.7	424.	82.8	28.4	3.47	1.27	.530
30	4.20	11.2	4.74	9.14	273.	56.7	516.	77.8	24.9	3.15	1.27	
31	2.85		4.20		254.	61.9		76.2		3.04	1.27	
MOY	.791	4.18	10.2	4.88	119.	65.2	349.	248.	34.1	8.60	1.89	.958

DEBIT MOYEN ANNUEL

70.6 M3/S

STATION : TONG

MONO

MONO

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.530	16.6	8.12	3.04	156.	577.	234.	652.	170.	20.3	9.79	3.47
2	.493	11.6	15.6	2.66	187.	448.	287.	619.	143.	19.2	9.36	3.04
3	.458	8.93	12.7	3.70	363.	354.	331.	627.	134.	18.2	8.12	2.35
4	.458	7.36	11.2	4.74	518.	466.	284.	596.	139.	17.6	7.73	2.49
5	.424	5.96	16.1	4.20	552.	543.	275.	524.	171.	16.6	6.29	2.32
6	.424	5.64	18.2	3.70	500.	451.	369.	507.	203.	16.1	6.63	2.17
7	.424	5.96	15.6	14.2	373.	367.	536.	422.	220.	18.7	6.29	1.90
8	.424	7.36	15.1	13.7	251.	526.	534.	408.	174.	18.2	6.29	1.90
9	.391	31.4	12.1	7.73	182.	453.	503.	391.	136.	31.4	5.64	1.90
10	.458	21.4	10.2	5.64	175.	473.	562.	415.	112.	26.2	4.74	1.68
11	.690	18.7	9.36	5.03	323.	682.	786.	348.	57.8	19.8	4.74	1.58
12	.690	14.7	7.73	9.36	216.	671.	824.	297.	89.6	38.5	4.46	1.58
13	.648	14.2	7.36	27.4	213.	598.	781.	293.	80.0	20.9	4.46	1.49
14	.648	14.2	6.63	35.3	206.	436.	771.	322.	73.0	16.6	4.20	1.42
15	.690	14.2	5.64	25.6	236.	423.	838.	485.	68.9	16.6	3.95	1.36
16	.608	11.6	4.74	24.9	219.	383.	748.	442.	67.0	16.6	3.95	1.31
17	.608	9.36	3.95	30.0	188.	373.	679.	475.	69.9	14.7	3.95	1.31
18	.608	8.12	3.47	35.6	113.	567.	687.	453.	57.1	13.1	3.70	1.27
19	.568	15.6	3.70	206.	122.	722.	607.	406.	51.8	12.1	3.70	1.24
20	.568	19.2	5.33	56.6	101.	572.	756.	330.	48.0	11.6	3.25	1.24
21	.648	17.1	17.6	64.1	105.	441.	783.	384.	42.3	12.1	3.04	1.22
22	1.18	16.1	11.6	46.0	164.	381.	1000	346.	38.5	12.1	3.04	1.22
23	1.13	17.1	11.6	40.0	180.	322.	1050	334.	36.3	11.2	2.85	1.22
24	1.24	13.1	8.52	135.	146.	292.	862.	365.	33.1	10.2	2.66	1.22
25	1.24	10.2	6.63	74.0	182.	257.	720.	297.	30.7	9.36	3.04	1.24
26	1.24	12.1	5.64	156.	317.	232.	648.	264.	28.1	10.2	3.70	1.18
27	1.22	10.2	4.74	167.	464.	221.	962.	297.	25.9	13.1	6.63	1.18
28	1.22	9.79	4.46	128.	533.	265.	1140	340.	24.9	20.3	6.63	1.13
29	2.17	8.52	4.46	179.	529.	391.	1220	303.	22.9	16.6	5.96	
30	2.32	8.52	4.46	255.	454.	333.	1000	230.	22.0	14.2	5.64	
31	6.29		3.70		545.	275.		204.		11.2	4.46	
MOY	.991	12.8	8.56	60.3	286.	435.	693.	399.	66.9	16.9	5.13	1.68

DEBIT MOYEN ANNUEL

168.

M3/S

STATION : TOGO

MCNO

MONO

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.13	.872	1.22	1.22	11.6	85.6		64.1	15.6		.424	.116
2	1.13	.872	1.22	1.22	10.7	86.7		72.0	13.7		.391	.116
3	1.07	1.12	1.22	1.24	7.73	95.4		86.1	13.1		.391	.099
4	1.02	2.04	1.22	1.13	8.52	98.4		162.	12.6		.359	.083
5	1.02	2.66	1.24	.970	14.2	109.		126.	10.9		.329	.056
6	.970	2.02	1.13	.970	15.1	91.9		118.	9.57		.329	.044
7	.970	1.42	1.02	2.66	23.7	88.4		113.	8.73		.329	.034
8	.872	1.27	1.07	2.66	18.7	75.4		91.9	6.88		.329	.025
9	.824	1.22	1.18	2.66	18.7	72.0		83.9	7.54		.300	.017
10	.778	1.13	1.22	2.85	29.4	71.5		164.	6.46		.300	.010
11	.778	1.07	1.22	5.64	26.2	74.1		161.	6.81		.272	.005
12	.778	1.07	4.74	18.7	63.1	65.5		116.	4.45		.272	.005
13	.734	1.02	13.1	15.1	62.2	63.6		142.	4.60		.246	.005
14	.690	.970	11.6	11.6	141.	57.6		111.	4.33		.246	.003
15	.648	.920	8.12	91.9	171.	50.5		91.3	3.83		.221	.002
16	.608	.920	5.64	68.0	131.	48.0		90.7	3.59		.198	.002
17	.608	3.04	4.46	31.4	103.	45.5		72.0	3.25		.198	.001
18	.608	1.25	3.47	16.1	90.7	52.3		66.0	2.85		.221	.001
19	.608	2.32	2.85	9.36	128.	42.7		58.5	2.32		.198	.001
20	.568	1.90	2.49	15.6	124.	37.8		55.3	2.32		.198	.001
21	.568	1.49	2.17	23.2	142.	36.3		51.4	2.17		.175	.001
22	.568	1.42	2.03	16.1	142.	37.8		44.3	2.17		.175	.001
23	.530	1.27	1.68	24.9	142.	41.9		35.9	1.90		.175	.001
24	.530	1.42	1.58	15.6	156.	37.0		31.4	1.68		.154	.001
25	.493	1.27	1.58	7.36	115.	32.4		28.7	1.58		.154	.000
26	.568	1.22	1.42	8.53	236.	32.8		26.5	1.42		.154	.000
27	.690	1.22	1.42	7.73	152.	43.2		23.8	1.36		.154	.000
28	.734	1.18	1.36	26.2	85.6	62.6		21.7	1.31		.175	.000
29	.734	1.13	1.36	37.8	135.	54.0		19.8	1.31		.175	.000
30	.608	1.22	1.31	11.2	156.	47.6		18.4	1.31		.135	.000
31	.493		1.24		90.7	37.0		17.6		.458	.116	.000
MOY	.740	1.50	2.60	16.0	88.9	60.6		76.3	5.32	.869	.242	.022

DEBIT

TET

MONO

TETETCU

STATION : TOGO MCND MCNC TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.001	2.19	86.7	351.	214.	386.	316.	173.	38.5	4.74	1.42
2	.000	.000	1.73	41.9	348.	468.	454.	298.	90.1	61.3	4.20	1.42
3	.000	.000	1.58	56.7	356.	649.	550.	300.	85.0	47.2	3.95	1.31
4	.000	.000	1.49	62.7	379.	644.	492.	281.	77.8	42.4	3.95	1.31
5	.000	.000	1.36	41.8	405.	563.	406.	357.	74.0	34.5	3.70	1.31
6	.000	.000	1.65	25.6	333.	548.	371.	386.	71.0	30.0	3.47	1.36
7	.000	.000	2.17	15.9	255.	444.	342.	506.	68.5	27.4	3.25	1.36
8	.000	.000	3.12	111.	291.	415.	324.	455.	68.0	23.5	3.04	1.27
9	.000	.034	14.8	184.	212.	372.	428.	547.	75.1	20.3	3.04	1.22
10	.000	.010	32.4	95.6	183.	359.	402.	504.	81.1	18.7	3.04	1.22
11	.000	.003	24.1	71.5	228.	288.	456.	362.	104.	16.9	2.85	1.22
12	.000	.017	18.2	60.4	225.	204.	505.	416.	130.	15.9	2.66	1.31
13	.000	.083	17.6	224.	317.	179.	389.	461.	98.4	14.7	2.49	1.68
14	.000	.778	19.0	149.	500.	179.	477.	383.	113.	14.2	2.49	1.78
15	.001	1.22	11.2	129.	585.	257.	493.	377.	76.7	13.1	2.17	1.78
16	.002	2.03	7.58	75.6	597.	290.	448.	488.	78.7	13.7	2.17	1.58
17	.002	2.66	9.36	77.8	464.	271.	537.	474.	96.2	14.2	2.17	1.49
18	.002	1.27	7.08	130.	441.	226.	614.	384.	73.6	12.1	2.03	1.42
19	.002	1.22	5.64	342.	284.	204.	641.	284.	59.4	11.2	1.90	1.49
20	.002	1.02	4.46	297.	235.	234.	447.	223.	66.1	11.6	1.90	1.42
21	.001	.824	3.70	350.	180.	280.	363.	205.	75.2	9.79	1.78	1.36
22	.002	.690	4.64	482.	215.	303.	266.	224.	57.5	8.93	1.78	1.31
23	.002	.608	4.64	532.	310.	302.	352.	204.	55.7	8.52	1.78	1.27
24	.002	.530	30.0	399.	340.	254.	444.	182.	54.8	7.73	1.68	1.24
25	.002	1.02	19.2	363.	265.	292.	418.	177.	52.7	7.36	1.78	1.68
26	.002	.920	8.54	417.	195.	415.	320.	376.	48.0	6.99	1.68	3.04
27	.002	.872	61.0	718.	164.	482.	317.	354.	45.1	6.63	1.68	2.32
28	.002	2.17	56.0	380.	143.	508.	343.	228.	40.0	6.29	1.68	2.17
29	.002	1.27	85.6	363.	124.	535.	491.	161.	35.6	5.96	1.58	
30	.001	1.18	72.8	336.	109.	487.	377.	134.	35.6	5.96	1.58	
31	.001		52.8		134.	444.		115.		5.64	1.58	
MOY	.001	.682	18.9	222.	254.	365.	430.	328.	73.0	18.1	2.51	1.53

DEBIT MOYEN ANNUEL

147. M3/S

STATION : TOGO

MCNO

MONO

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.78	3.25	4.20	6.46	247.	1040	1050	1010	463.		7.36	2.49
2	1.58	2.66	3.25	6.66	206.	615.	954.	799.	377.		6.99	2.32
3	1.68	2.23	3.04	9.14	128.	738.	1010	984.	373.		6.99	2.17
4	1.78	2.49	3.25	7.74	154.	864.	1080	950.	325.	26.8	6.63	2.17
5	1.90	2.66	3.25	6.29	114.	1100	1290	828.	285.	25.6	6.63	1.90
6	3.04	1.78	2.65	6.29	35.6	1010	1490	805.	253.	23.5	6.63	1.42
7	9.36	1.49	2.32	10.1	88.4	891.	1450	916.	216.	22.0	6.29	1.78
8	8.52	1.26	2.02	28.1	255.	650.	1060	1040	194.	20.3	5.56	1.78
9	14.2	1.36	1.90	29.7	240.	693.	757.	986.	171.	19.2	5.96	1.78
10	13.7	1.31	2.66	25.9	189.	741.	855.	765.	153.	18.2	5.64	1.78
11	9.79	1.42	2.04	40.0	287.	839.	1020	778.	138.	17.1	5.33	1.68
12	8.52	1.58	2.49	29.3	466.	763.	914.	728.	124.	16.6	5.33	1.68
13	7.36	1.36	2.66	23.5	568.	700.	792.	621.	115.	16.1	5.03	1.58
14	6.29	1.27	2.66	29.7	426.	662.	838.	671.	110.	14.9	5.03	1.42
15	5.33	1.24	13.7	26.6	361.	666.	917.	681.	96.0	14.7	4.46	1.36
16	5.03	1.22	13.1	22.3	493.	701.	915.	586.	66.1	14.4	4.20	1.36
17	5.33	4.20	17.1	29.4	705.	712.	825.	539.	78.3	14.2	3.95	1.31
18	5.03	5.64	18.2	50.9	533.	711.	563.	455.	73.5	12.6	3.95	1.31
19	4.74	9.36	14.7	82.4	641.	609.	562.	443.	121.	12.6	3.70	1.31
20	3.47	12.1	10.7	59.4	758.	503.	575.	406.	103.	12.1	3.70	1.27
21	3.04	11.6	8.52	40.4	635.	499.	665.	403.	99.0	11.6	3.70	1.24
22	2.66	11.2	10.7	39.3	461.	516.	704.	363.	81.2	11.2	3.47	1.24
23	2.66	5.56	10.7	53.3	644.	487.	641.	660.	65.5	10.7	3.25	1.24
24	2.49	5.64	8.12	54.0	665.	356.	739.	907.	55.3	9.36	3.25	1.24
25	2.32	6.63	6.63	61.7	651.	358.	674.	1140	51.4	9.36	3.04	1.22
26	2.03	5.56	5.56	68.6	720.	377.	468.	867.	48.0	9.36	3.04	1.22
27	2.03	5.64	7.73	118.	826.	428.	441.	754.		9.36	2.85	1.22
28	2.32	5.33	7.73	120.	772.	524.	830.	526.		9.52	2.66	1.22
29	2.17	6.63	7.36	149.	1160	711.	968.	424.		8.52	2.66	1.22
30	2.17	5.56	8.52	168.	1250	792.	906.	378.		8.12	2.49	
31	2.32		7.36			907.		382.		7.36	2.49	
MOY	4.66	4.34	6.97	47.4	511.	664.	866.	703.	148.	16.2	4.60	1.55

DEBIT MOYEN ANNUEL 251. M3/S

STATION : TOGO

MCNO

MONO

TET ET CU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.22	3.04	3.47	5.33	22.6	327.	236.	229.	37.8	5.96	1.58	1.18
2	1.24	3.47	4.20	3.70	19.2	190.	363.	195.	32.7	5.96	1.58	1.13
3	1.24	2.49	3.25	3.25	18.7	305.	446.	190.	30.0	5.96	2.17	1.13
4	1.24	2.17	3.25	3.47	17.6	211.	468.	193.	26.3	5.64	2.17	1.13
5	1.24	2.03	3.25	3.47	22.0	164.	434.	156.	24.3	5.64	2.03	1.13
6	1.24	1.90	3.47	3.25	19.8	135.	437.	138.	22.6	5.64	1.58	1.07
7	1.24	2.85	4.74	2.85	15.6	115.	676.	129.	21.4	5.33	1.58	1.07
8	1.24	2.66	4.74	3.04	14.2	115.	684.	156.	21.4	5.33	1.58	1.02
9	1.24	2.32	4.20	4.20	16.1	142.	547.	141.	21.4	4.74	1.68	1.02
10	1.18	2.03	3.95	5.33	21.4	179.	558.	136.	20.3	4.46	1.68	1.02
11	1.13	1.68	3.47	5.33	21.4	149.	646.	128.	18.2	4.20	1.58	1.02
12	1.07	1.49	3.47	5.33	22.0	177.	631.	103.	16.6	3.70	1.49	1.02
13	1.02	1.36	3.04	5.33	18.2	208.	760.	87.3	15.6	3.47	1.49	1.02
14	1.02	1.36	2.49	14.7	16.1	224.	700.	75.1	14.7	3.25	1.49	1.24
15	1.07	1.31	2.17	20.9	14.2	195.	518.	66.0	14.2	3.04	1.42	1.24
16	1.13	1.31	2.03	25.6	54.0	273.	394.	64.1	13.1	3.04	1.42	1.22
17	1.27	1.42	1.68	22.0	122.	228.	383.	67.0	12.6	2.85	1.36	1.24
18	1.24	1.18	1.68	20.9	96.6	176.	516.	122.	12.1	2.85	1.31	1.24
19	1.22	4.46	1.68	24.3	85.0	159.	623.	105.	11.2	2.66	1.27	1.49
20	1.24	6.29	1.76	34.8	64.1	132.	688.	79.4	10.7	2.49	1.24	1.58
21	1.24	14.7	4.74	66.0	54.8	116.	583.	72.0	9.79	2.49	1.24	1.31
22	1.22	15.1	4.74	93.1	45.5	209.	455.	66.0	9.36	2.49	1.22	1.24
23	1.22	9.79	4.46	37.0	40.8	224.	351.	56.6	8.93	2.32	1.22	1.22
24	1.22	6.63	5.03	33.4	38.5	204.	315.	51.4	8.52	2.17	1.22	1.24
25	1.24	5.03	8.12	29.4	115.	159.	288.	47.1	8.12	2.17	1.22	1.18
26	1.13	4.46	15.1	28.7	228.	122.	258.	43.1	7.73	2.17	1.24	1.13
27	1.13	4.46	12.1	40.8	195.	106.	375.	40.8	7.36	2.17	1.24	1.07
28	1.31	5.33	12.1	40.8	114.	122.	310.	40.8	6.99	2.03	1.24	1.02
29	1.58	3.95	11.2	27.4	109.	191.	337.	41.5	6.63	1.90	1.18	
30	1.58	3.70	9.36	25.6	101.	149.	295.	40.8	6.63	1.78	1.18	
31	2.17		8.12		341.	195.		39.3		1.78	1.18	
MOY	1.25	4.00	5.07	20.0	67.2	181.	476.	99.9	15.9	3.54	1.45	1.17

DEBIT MOYEN ANNUEL

73.0 M3/S

STATION : TOGO

MONO

MONO

TETETCU

NUMERO : 474CC117

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.02	1.18	10.0	1.24	320.	219.	502.	187.	31.7	3.47	1.27	1.24
2	1.02	1.07	8.12	1.24	281.	570.	447.	166.	26.8	3.47	1.24	1.18
3	.570	1.02	7.56	1.24	323.	536.	472.	168.	24.6	2.85	1.24	1.13
4	.920	.970	6.32	1.24	510.	474.	463.	188.	22.9	2.85	1.22	1.02
5	.872	.920	5.46	1.23	505.	370.	397.	167.	20.9	2.66	1.22	.970
6	.872	.872	4.23	1.50	361.	299.	337.	184.	19.0	2.66	1.22	1.13
7	.872	.872	3.50	3.62	378.	323.	296.	221.	17.4	2.49	1.22	1.18
8	.872	1.07	2.75	4.88	509.	332.	277.	283.	15.9	2.32	1.24	1.13
9	.920	1.07	2.25	4.46	613.	347.	283.	188.	14.7	2.32	1.18	1.07
10	.872	.970	1.97	4.46	436.	326.	304.	153.	13.7	2.17	1.18	1.02
11	.872	.920	1.66	4.20	435.	329.	480.	132.	12.4	2.17	1.13	.920
12	.872	1.07	1.46	4.20	421.	273.	551.	119.	11.6	2.03	1.13	.824
13	.872	1.13	1.33	4.20	690.	243.	607.	164.	11.6	1.90	1.07	.778
14	.920	1.07	1.29	4.90	825.	277.	654.	122.	11.2	1.90	1.07	.690
15	.920	1.02	1.27	5.16	571.	488.	672.	104.	10.5	1.78	1.07	.648
16	.970	1.02	1.24	26.2	466.	659.	672.	87.3	9.57	1.78	1.07	.648
17	1.31	1.02	2.35	119.	494.	794.	603.	78.9	8.93	1.78	1.07	.608
18	1.36	1.14	1.22	111.	679.	737.	479.	70.0	8.12	1.68	1.07	.608
19	1.36	1.31	1.24	152.	566.	498.	419.	59.8	7.36	1.68	1.07	.608
20	1.49	1.29	1.24	218.	434.	428.	458.	54.8	6.63	1.58	1.02	.568
21	1.29	1.58	1.22	197.	325.	477.	413.	52.2	6.29	1.49	1.02	.568
22	1.24	1.97	1.22	236.	403.	524.	461.	47.1	5.96	1.49	1.02	.530
23	1.23	1.97	1.24	253.	474.	627.	430.	44.7	5.64	1.42	1.02	.530
24	1.18	2.85	1.22	214.	438.	484.	332.	46.4	5.33	1.42	1.02	.608
25	1.13	24.3	1.23	198.	595.	448.	300.	51.8	5.33	1.36	1.02	.690
26	1.24	17.1	1.22	135.	664.	416.	288.	58.0	5.03	1.36	1.13	.648
27	1.24	12.7	1.22	112.	654.	410.	268.	53.5	4.46	1.31	1.22	.648
28	1.13	11.2	1.24	162.	570.	445.	223.	48.4	4.20	1.31	1.22	.608
29	1.13	15.1	1.24	270.	517.	625.	203.	40.4	4.20	1.27	1.22	
30	1.24	14.4	1.24	256.	459.	662.	158.	38.1	3.95	1.27	1.22	
31	1.24		1.24		397.	689.		37.4		1.27	1.22	
MOY	1.08	4.14	2.65	91.7	494.	462.	416.	110.	11.9	1.95	1.14	.815

DEBIT MOYEN ANNUEL

134. M3/S

STATION : TOGO

MCNO

MCNO

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.568	.458	1.27	1.63	86.7	160.	812.	477.	164.	10.7	2.32	1.18
2	.530	.568	1.21	5.55	103.	163.	948.	338.	119.	10.2	2.17	1.13
3	.458	.530	1.18	5.26	70.7	170.	932.	291.	91.3	9.36	2.03	1.13
4	.458	.530	1.29	7.74	29.1	236.	715.	322.	73.6	8.93	1.90	1.07
5	.424	.778	1.30	16.7	37.8	292.	392.	276.	62.7	8.12	1.78	1.07
6	.391	.824	1.29	10.5	28.4	255.	439.	231.	55.3	7.73	1.68	1.07
7	.359	.970	1.22	20.3	48.5	168.	618.	193.	49.2	7.36	1.58	1.07
8	.359	1.24	1.18	13.6	58.3	124.	618.	192.	45.5	7.36	1.49	1.07
9	.329	1.24	1.05	5.36	85.3	111.	495.	268.	50.9	6.99	1.42	1.02
10	.329	1.24	1.13	16.7	84.1	186.	525.	277.	45.1	6.63	1.42	1.02
11	.329	1.18	1.25	15.9	91.9	281.	570.	240.	39.3	6.29	1.36	1.02
12	.300	1.18	1.23	14.6	75.1	317.	653.	185.	39.3	6.63	1.36	1.02
13	.391	.970	1.21	11.4	82.3	406.	465.	186.	34.9	6.63	1.42	1.13
14	.493	.872	1.16	10.9	103.	371.	347.	221.	30.7	6.29	1.36	1.18
15	.424	1.02	1.13	9.58	120.	375.	360.	228.	28.7	5.64	1.58	1.13
16	.359	1.22	1.07	8.73	116.	364.	413.	266.	27.1	5.03	1.42	1.07
17	.300	1.31	.996	9.79	94.3	382.	406.	220.	25.6	4.74	1.42	.970
18	.391	1.23	1.21	20.3	75.6	409.	406.	156.	23.7	4.46	1.31	.970
19	.424	1.36	1.18	21.4	56.7	479.	430.	167.	21.4	4.46	1.31	1.13
20	.530	2.94	1.25	19.8	73.1	636.	565.	149.	19.2	3.95	1.31	1.18
21	.568	3.62	1.31	20.6	276.	750.	548.	145.	18.7	3.70	1.36	1.13
22	.530	2.85	1.22	30.1	186.	785.	432.	116.	18.2	3.47	1.31	1.07
23	.568	2.67	1.22	28.5	120.	789.	344.	123.	17.1	3.25	1.27	.970
24	.608	1.84	1.22	50.5	198.	698.	446.	106.	16.6	3.04	1.24	.920
25	.568	1.54	1.22	50.2	265.	781.	455.	97.8	16.1	2.85	1.24	.872
26	.568	1.46	1.25	41.5	184.	830.	390.	86.7	14.2	2.66	1.22	.824
27	.690	1.31	1.79	34.9	212.	897.	350.	78.4	13.7	2.49	1.22	.734
28	.648	1.22	1.84	32.6	197.	867.	408.	67.5	13.1	2.66	1.22	.734
29	.648	1.32	1.46	92.5	131.	808.	595.	63.6	12.1	2.66	1.24	
30	.568	1.55	2.80	99.8	225.	675.	602.	64.6	11.6	2.49	1.24	
31	.530		3.10		177.	839.		152.		2.32	1.18	
MOY	.472	1.37	1.36	24.5	115.	465.	523.	193.	39.9	5.46	1.46	1.03

DEBIT MOYEN ANNUEL

115.

M3/S

STATION : TOGO

MONO

MONO

TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

AVR	MARS	AVR I	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.690	1.47		2.49	45.6	359.	250.	510.	32.8	12.6	8.93	1.90
2	.648	2.95		2.33	87.3	439.	252.	523.	83.3	11.6	8.12	1.90
3	.648	2.33		2.02	76.7	527.	242.	397.	87.9	11.2	7.36	1.78
4	.648	1.74		2.04	68.0	520.	281.	303.	76.2	11.2	6.63	1.58
5	.608	1.54		2.49	73.5	563.	283.	267.	67.5	15.1	5.96	1.49
6	.608	1.35		4.55	93.7	430.	245.	271.	65.0	15.6	5.33	1.42
7	.568	1.22		61.7	78.9	364.	253.	295.	61.2	13.7	5.03	1.36
8	.648	1.23		33.9	71.5	372.	348.	290.	58.0	13.7	5.03	1.31
9	.734	1.16		26.8	63.1	366.	447.	395.	54.9	14.2	4.46	1.27
10	.734	1.07		43.9	56.2	377.	550.	357.	46.7	14.2	4.20	1.22
11	.690	1.10		27.1	69.0	407.	716.	298.	44.3	13.7	3.95	1.22
12	.648	1.18		32.8	95.4	398.	707.	234.	40.8	16.1	3.70	1.22
13	.608	1.18		26.8	87.9	372.	721.	210.	38.1	14.2	3.47	1.22
14	.608	1.22		50.2	76.2	433.	651.	219.	34.9	13.1	3.25	1.22
15	.648	1.21		103.	96.6	546.	603.	190.	32.1	11.6	3.04	1.22
16	.690	1.05		81.2	115.	386.	617.	171.	29.7	11.2	2.85	1.22
17	.690	.970		38.9	156.	289.	776.	307.	27.4	10.2	2.85	1.22
18	.690	.920		28.7	156.	296.	972.	521.	26.2	9.79	2.66	1.24
19	.669	.921		24.4	181.	355.	1160	488.	24.3	8.93	2.49	4.20
20	.648	1.13		20.6	134.	350.	1170	292.	22.0	8.52	2.17	6.63
21	.628	1.39		26.1	158.	371.	1070	287.	20.9	8.12	2.17	3.47
22	.608	2.47		142.	192.	483.	929.	271.	19.2	7.36	2.03	1.78
23	.608	5.05		133.	132.	599.	750.	214.	18.7	7.73	2.03	1.36
24	.608	30.8		85.8	107.	626.	438.	167.	18.2	8.12	1.90	1.24
25	5.42	18.4		46.8	81.2	516.	415.	146.	17.1	8.93	1.90	1.24
26	5.20	12.9		33.1	150.	331.	490.	124.	16.1	9.36	1.78	1.22
27	1.88	11.9		29.4	147.	351.	464.	113.	15.1	9.36	1.68	1.22
28	1.31	13.9		26.3	260.	395.	436.	103.	14.2	9.36	1.78	1.22
29	1.40	25.0		42.4	361.	410.	419.	93.7	13.7	8.93	1.78	1.24
30	3.95	21.5		48.4	374.	324.	493.	88.4	13.1	9.36	1.78	
31	2.68				382.	305.		83.9		9.36	2.03	
MOY	1.21	5.75		41.3	140.	416.	571.	265.	39.0	11.2	3.62	1.72

STATION : TOGO

MCND

MCNC

TETETCU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.24	1.22	10.5	52.7	238.	1000	575.	713.	340.	21.4	5.33	1.90
2	1.24	1.22	12.4	53.5	263.	1080	656.	663.	345.	20.9	5.03	1.90
3	1.24	1.45	8.14	53.6	384.	925.	733.	588.	274.	19.2	4.74	1.58
4	1.18	1.42	8.39	58.5	476.	505.	753.	607.	207.	18.7	4.46	1.49
5	1.18	1.36	8.54	48.9	539.	682.	834.	571.	146.	17.1	4.46	1.49
6	1.18	1.36	10.5	33.6	440.	877.	1180	544.	124.	16.1	4.20	1.49
7	1.18	1.42	12.9	24.7	358.	977.	1290	542.	178.	16.1	4.20	1.42
8	1.18	1.36	12.9	19.2	521.	914.	1140	595.	103.	16.1	3.95	1.36
9	1.18	1.27	9.14	29.7	472.	792.	959.	472.	97.2	15.6	3.95	1.36
10	1.13	1.22	6.14	26.8	538.	650.	816.	358.	92.5	14.7	3.70	1.31
11	1.07	1.22	5.15	30.0	522.	529.	775.	392.	86.1	13.7	3.47	1.31
12	1.07	1.24	10.5	61.3	403.	616.	811.	370.	82.2	13.1	2.85	1.58
13	1.02	1.42	42.8	131.	429.	851.	930.	361.	80.5	13.1	2.85	1.49
14	.970	5.96	21.5	334.	436.	923.	882.	320.	70.3	12.6	2.85	1.36
15	.970	5.64	15.4	390.	481.	606.	785.	265.	56.2	12.1	2.85	1.31
16	1.07	4.74	10.3	302.	519.	634.	735.	255.	49.3	11.6	2.66	1.27
17	1.18	3.15	8.73	261.	410.	591.	743.	271.	79.5	11.2	2.49	1.24
18	1.13	3.48	7.54	405.	325.	547.	884.	398.	59.9	10.7	2.49	1.22
19	1.24	6.05	5.96	313.	320.	636.	908.	527.	52.7	10.2	2.17	1.22
20	1.18	10.0	5.18	219.	486.	612.	708.	573.	49.2	9.36	2.17	1.24
21	1.22	5.98	4.74	146.	719.	645.	673.	596.	46.3	9.36	2.32	1.27
22	1.27	3.71	4.90	114.	735.	624.	618.	543.	45.5	8.93	2.32	1.27
23	1.22	2.85	10.5	108.	622.	1020	528.	314.	42.3	8.52	2.17	1.27
24	1.22	2.85	27.8	89.6	698.	1070	430.	265.	41.2	8.12	2.17	1.24
25	1.22	2.95	23.5	90.3	627.	1020	430.	243.	39.3	7.73	2.03	1.22
26	1.24	3.04	31.0	113.	733.	862.	444.	402.	35.6	7.36	2.03	1.22
27	1.18	3.40	29.1	111.	777.	689.	533.	326.	32.4	6.99	1.90	1.24
28	1.13	5.29	24.3	98.8	828.	582.	708.	310.	29.4	6.63	1.78	1.24
29	1.36	6.92	21.2	193.	783.	507.	741.	238.	24.7	6.63	1.90	
30	1.36	7.76	18.4	260.	566.	457.	739.	203.	22.3	5.64	1.90	
31	1.27		26.6		761.	486.		173.		5.33	1.90	
MOY	1.18	3.37	17.7	135.	530.	739.	766.	419.	95.4	12.1	3.01	1.38

DEBIT MOYEN ANNUEL

229.

M3/S

STATION : TOGO

MONO

MONO

TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.18	1.02	4.20	6.29	34.9	56.0	335.	397.	186.	23.2	4.74	1.78
2	1.18	1.02	4.20	8.52	62.7	101.	306.	334.	197.	21.4	4.46	1.78
3	1.24	1.02	3.25	6.29	42.0	92.5	296.	293.	184.	20.3	4.20	1.49
4	1.24	1.13	2.66	4.74	43.1	106.	484.	282.	132.	17.1	3.95	1.42
5	1.24	.971	2.49	3.95	46.8	127.	559.	272.	219.	17.1	3.70	1.36
6	1.24	.971	2.32	3.25	32.8	125.	641.	261.	239.	16.1	3.47	1.31
7	1.26	4.20	2.17	3.04	30.4	135.	643.	275.	242.	15.6	3.25	1.31
8	1.42	3.16	1.50	2.49	34.9	193.	423.	342.	221.	14.2	3.04	1.27
9	1.58	2.04	2.66	2.32	21.5	184.	383.	332.	207.	13.7	3.25	1.27
10	1.68	1.58	2.32	2.49	30.5	140.	729.	312.	191.	12.6	3.70	1.27
11	1.78	1.49	2.03	2.49	52.0	184.	734.	276.	178.	12.1	3.47	1.24
12	1.49	1.39	2.49	2.66	66.5	344.	683.	238.	147.	12.1	3.25	1.24
13	1.42	1.68	2.49	3.25	35.0	395.	615.	219.	120.	11.6	3.04	1.22
14	1.31	1.78	2.32	3.70	85.6	430.	539.	233.	107.	11.2	2.85	1.22
15	1.27	2.59	3.70	4.20	94.6	451.	488.	224.	76.7	11.2	2.66	1.24
16	1.27	13.7	5.33	14.2	143.	492.	448.	191.	71.0	10.7	2.66	1.22
17	1.24	18.2	4.88	10.9	214.	476.	437.	171.	62.7	10.2	2.66	1.27
18	1.22	14.9	5.96	9.36	189.	535.	421.	179.	53.5	9.36	2.66	1.27
19	1.22	11.4	6.81	7.54	176.	548.	427.	163.	47.1	8.93	2.49	1.22
20	1.22	8.94	5.96	7.78	229.	540.	397.	195.	43.9	8.12	2.49	1.22
21	1.24	9.18	4.75	11.7	251.	356.	376.	262.	40.4	7.73	2.49	1.22
22	1.22	13.1	4.33	24.7	254.	340.	328.	311.	38.5	7.36	2.32	1.24
23	1.22	10.5	4.07	20.6	240.	331.	424.	359.	35.9	6.99	2.17	1.22
24	1.22	8.74	3.70	16.4	264.	325.	473.	316.	32.1	6.63	2.17	1.22
25	1.22	10.6	3.47	37.0	265.	320.	398.	293.	30.4	6.63	2.17	1.24
26	1.24	5.33	6.97	32.4	233.	345.	368.	269.	29.0	6.29	2.03	1.18
27	1.22	5.03	5.96	32.4	177.	359.	356.	244.	25.6	5.96	1.90	1.13
28	1.24	4.60	5.33	28.1	141.	326.	655.	219.	24.9	5.33	1.90	1.13
29	1.18	4.46	10.7	22.6	118.	473.	555.	191.	24.3	5.03	1.78	
30	1.13	4.20	7.56	19.8	112.	447.	462.	177.	24.3	4.74	1.78	
31	1.07		4.61		102.	389.		164.		4.20	1.78	
MOY	1.29	5.63	4.25	11.9	126.	313.	479.	258.	109.	11.1	2.86	1.29

DEBIT MOYEN ANNUEL

111. M3/S

STATION : TOGO MCNO MONO TETETOU

NUMERO : 47400117

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.10	1.78	1.98	43.9	1.46	41.7	469.	700.	72.5	3.95	1.24	.569
2	1.02	1.58	1.50	42.3	1.54	46.5	400.	649.	66.5	3.70	1.24	.530
3	1.02	1.22	1.29	22.0	1.84	82.8	441.	600.	59.4	3.47	1.18	.530
4	.970	1.22	1.22	20.9	1.68	82.4	505.	573.	50.9	2.85	1.18	.493
5	.945	1.18	1.23	19.8	18.7	97.2	646.	527.	41.5	2.85	1.13	.493
6	.997	1.13	1.16	12.6	13.7	97.8	779.	482.	39.3	2.66	1.13	.458
7	1.22	1.07	1.05	10.2	10.3	59.0	783.	404.	35.6	2.49	1.07	.424
8	1.25	1.02	1.18	8.52	8.12	57.6	678.	308.	31.7	2.32	1.07	.424
9	1.31	1.02	1.65	7.36	8.32	60.4	632.	262.	26.2	2.17	1.02	.391
10	1.39	1.13	2.49	6.63	9.36	113.	741.	245.	20.6	2.03	.970	.391
11	1.49	1.22	2.85	6.99	10.9	219.	661.	228.	19.0	1.90	.970	.359
12	1.74	1.31	2.42	5.64	11.4	213.	634.	214.	17.6	1.78	.920	.359
13	3.26	1.27	1.58	3.70	11.4	216.	774.	206.	16.6	1.68	.872	.329
14	12.8	1.22	1.31	3.47	11.4	273.	826.	199.	15.4	1.58	.872	.329
15	16.1	1.27	1.22	3.25	18.7	297.	826.	193.	13.9	1.49	.824	.300
16	14.9	1.49	1.23	2.66	30.4	298.	760.	170.	12.9	1.42	.824	.300
17	13.7	1.85	1.42	2.41	26.8	287.	656.	161.	11.6	1.36	.778	.272
18	10.2	2.18	1.36	2.18	26.5	298.	662.	150.	10.7	1.31	.734	.272
19	7.50	1.78	1.33	2.75	31.7	261.	696.	144.	9.36	1.27	.734	.246
20	5.33	1.52	1.31	2.41	34.2	239.	772.	123.	8.93	1.27	.734	.246
21	4.33	1.39	1.90	2.10	26.0	207.	911.	97.3	7.73	1.24	.690	.221
22	4.47	1.29	6.99	1.90	19.8	205.	956.	71.5	7.36	1.24	.690	.221
23	6.19	1.24	6.99	1.90	16.2	219.	1090	71.0	6.63	1.22	.690	.300
24	5.19	1.22	6.46	12.5	12.1	223.	1050	108.	6.29	1.22	.648	.391
25	3.97	1.22	5.96	25.0	10.0	245.	1000	104.	5.96	1.22	.648	.458
26	4.76	1.23	70.0	6.68	9.14	427.	895.	103.	4.74	1.22	.648	.458
27	3.26	1.22	42.3	3.75	8.53	432.	831.	95.4	5.03	1.22	.648	.458
28	2.41	1.24	19.0	2.49	17.6	571.	864.	106.	4.46	1.22	.608	.424
29	1.97	1.98	20.3	1.91	15.2	598.	897.	101.	4.74	1.22	.608	
30	1.78	2.85	50.1	1.58	14.9	570.	850.	93.7	4.74	1.22	.608	
31	1.63		45.5		30.7	515.		83.9		1.22	.608	
MOY	4.46	1.41	9.88	9.65	15.1	244.	756.	244.	21.3	1.84	.858	.380

DEBIT MOYEN ANNUEL : 109. M3/S

Code : 47 40 05 05

bassin versant : 250 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M.

Coordonnées : 7° 24 ' N - 0° 52 ' E

Cote du zéro de l'échelle : 253 m environ, en nivellement I.G.N.

Accès : Pont de la route Palimé - Atakpamé

Installations :

Station ouverte le 26 Février 1957 avec 4 mètres d'échelles scellés sur la pile centrale de l'ancien pont. Un limnigraphe O T T X a été mis en service du 31-8-1964 au 19-11-1965.

L'installation actuelle comprend un limnigraphe O T T X (révolution hebdomadaire, réduction 1/10) mis en service le 23-4-1967 sur la culée rive gauche, en aval, du nouveau pont. L'échelle de 4 mètres est fixée sur une planche solidaire du tube du limnigraphe, elle est lue depuis le 13-4-1967.

Lectures :

Comme il a déjà été dit, les relevés limnigraphiques n'ont pas été pris en compte pour la préparation de ces annales; le débit moyen journalier a été calculé à partir des deux relevés quotidiens effectués à 6 h et 18 h.

Jaugeages - courbes de tarage

Pour le passage à l'ordinateur, cinq courbes de tarage ont été tracées à l'aide des 40 jaugeages effectués jusqu'au 30-12-1971.

- débit maximum jaugé : 10,8 m³/s (cote 0,90 m) le 31-10-1963

- débit minimum jaugé : 0,284 m³/s (cote 0,31 m) le 1-2-1971

La station d'Amou-Oblo a été tarée au cours de l'année 1972 avec 6 jaugeages chimiques pour des débits variant de 0,940 à 9,34 m³/s.

CARACTERISTIQUES DU BASSIN :

Hypsométrie

de 967	à 900 m	4,7 %
900	à 700	53,5
700	à 500	35,4
500	à 300	5,5
300	à 253	0,9

Altitude moyenne du bassin : 700 mètres

Relief et Géologie :

Le bassin est relativement accidenté, et presque entièrement situé dans les Monts Togo, constitués de quartzites avec passées schisteuses.

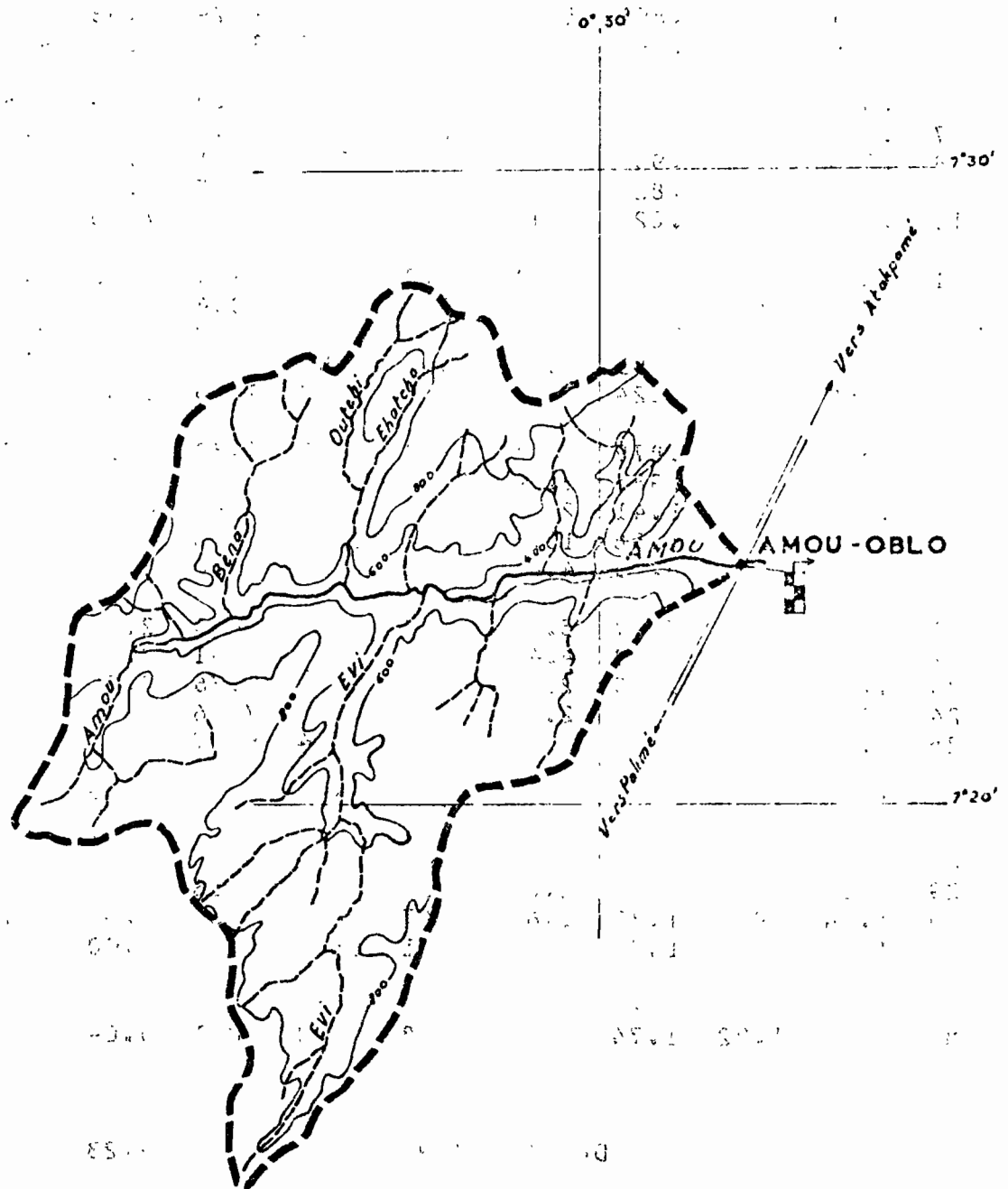
Végétation :

Savane arborée au dessus de 700 m. En dessous, forêt humide, souvent transformée en cacaoyères et palmeraies.

AMOU A AMOU-OBLO

BASSIN VERSANT = 250 Km²

NORD



Echelle: 1:200,000

117

OPSTOM

COMPLEMENTS: 21-11-73

DATE: 22/5/65

DESSINÉ: M. Sossah

T 263 H

STATION : TOGO

MONO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MCYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.650	1.46	.749	1.33	1.62	4.31	12.2	4.16	2.76	1.78	1.15	.877
2	.861	1.07	.799	1.46	1.49	2.83	11.3	4.55	2.53	4.06	1.12	.877
3	.852	.930	.985	1.59	1.52	2.67	10.4	4.33	3.06	3.38	1.10	.877
4	.851	.851	.851	1.62	1.72	2.68	9.79	9.68	3.77	2.53	1.07	.825
5	.904	.852	.749	1.36	5.35	2.27	10.6	12.4	4.99	2.27	1.04	.825
6	.675	.774	.699	1.42	7.04	3.65	10.0	8.99	3.66	3.31	1.04	.825
7	.650	.675	.852	1.65	5.69	3.47	11.3	7.77	3.53	3.06	1.04	.825
8	.774	.650	.931	1.52	5.15	15.4	25.1	5.15	3.31	2.01	1.04	.825
9	.699	.910	.825	3.34	9.79	14.6	19.5	6.98	2.67	1.68	1.01	.825
10	.650	1.52	.827	9.18	12.5	6.10	16.8	7.95	2.68	1.62	.958	.825
11	.699	.985	.800	9.81	28.7	5.51	12.7	6.42	2.33	1.62	.930	.774
12	.749	.799	1.06	4.47	30.5	5.33	10.4	5.33	2.15	1.58	.930	.774
13	.699	.878	1.37	8.00	18.7	4.16	9.37	5.33	2.11	1.42	.930	.774
14	.674	.749	1.55	3.77	13.8	3.52	8.35	5.36	2.46	1.49	.930	.774
15	.650	.964	1.24	4.04	25.1	4.03	7.95	7.04	1.97	1.52	2.84	.723
16	.699	.958	.879	2.46	22.8	3.22	5.33	5.51	1.71	1.39	1.46	.723
17	.774	1.62	.985	3.00	15.8	2.67	4.47	5.70	1.62	1.33	1.04	.723
18	.878	1.62	1.41	2.53	10.4	4.39	6.62	4.81	1.75	1.33	.985	.723
19	.749	1.27	1.58	13.9	8.55	2.53	13.8	3.76	1.68	1.27	1.04	.800
20	.774	1.42	8.15	4.60	7.17	11.7	17.6	3.20	6.07	1.21	.985	.825
21	.723	1.07	5.87	5.09	6.62	72.7	14.4	2.67	4.49	1.21	.985	.774
22	.774	1.18	5.23	4.43	10.7	28.8	9.41	2.53	2.15	1.15	.985	.774
23	.774	1.04	1.89	2.76	9.81	23.2	7.76	2.39	2.81	1.15	.985	.723
24	.931	.904	1.69	2.39	6.98	24.5	7.36	2.33	2.62	1.21	.930	.997
25	1.33	.877	1.27	2.28	5.69	24.4	5.87	3.97	2.15	1.15	.930	.958
26	1.04	.932	1.62	1.96	4.81	20.3	5.33	2.85	2.39	1.15	.930	.799
27	.905	1.10	2.33	1.71	4.64	18.7	5.69	2.91	2.11	1.15	.930	.774
28	.930	.800	2.21	1.85	3.77	20.1	4.81	2.53	1.82	1.15	.877	.774
29	1.02	.799	1.58	1.62	3.11	15.1	4.16	3.66	1.75	1.15	.877	
30	1.24	.882	1.30	1.62	3.47	14.3	4.64	3.00	1.78	1.10	.930	
31	1.27		1.71		3.91	13.4		3.00		1.15	.877	
MCY	.834	1.02	1.74	3.56	9.58	12.3	10.1	5.04	2.70	1.70	1.06	.807

DEBIT MOYEN ANNUEL

4.23 M3/S

STATION : TCGO

MQNO

AMOU

0.001 AMOU - OBLO

NUMERO : 474C0505

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEV
1	.774	.626	1.04	1.76	1.52	.825	.877	4.86	.985	1.30	.774	.57
2	.723	.799	2.01	1.30	1.58	.825	.904	5.03	.985	1.24	.749	.53
3	.723	.749	1.69	1.10	1.52	.795	.877	2.40	.985	1.18	.723	.51
4	.723	.674	1.12	1.04	1.52	.774	.958	1.89	.930	1.15	.723	.48
5	1.19	1.27	5.55	1.27	1.46	.825	.958	1.71	.930	1.12	.723	.48
6	.987	1.27	1.71	1.15	1.71	.774	.930	1.85	.930	1.10	.723	.51
7	.959	1.07	1.72	1.07	1.33	.799	1.07	1.89	.930	1.10	.723	.48
8	.987	.904	1.39	1.22	1.33	1.05	.877	1.58	1.39	1.04	.723	.53
9	.985	.851	1.27	2.38	1.33	1.01	.851	1.49	1.15	1.04	.749	.57
10	.958	.825	1.12	4.60	1.27	.877	.825	1.62	1.04	1.15	.723	.57
11	.904	.774	1.24	3.02	1.21	.877	.958	1.52	.985	1.10	.905	.60
12	.825	.749	1.12	4.03	1.21	.851	1.54	1.42	.930	1.04	.724	.85
13	.799	.774	1.10	5.15	1.21	.825	1.59	1.33	.930	.985	.674	.67
14	.723	.877	1.12	4.16	1.21	.774	1.15	1.39	1.21	.930	.674	.62
15	.723	.851	.958	2.85	1.15	.774	1.10	1.36	1.04	.904	.674	.79
16	.699	1.07	.930	2.99	1.15	.774	.985	1.18	.930	.877	.674	.70
17	.674	1.10	.877	2.54	1.10	.774	.958	1.15	.930	.877	.674	.74
18	.674	1.10	1.17	2.06	1.10	.774	1.15	1.31	1.27	.877	.674	.67
19	.723	1.04	1.18	3.63	1.04	.749	1.04	1.36	1.04	.930	.674	.62
20	.674	1.33	.958	3.18	1.04	.723	1.12	2.74	.930	.877	.626	.62
21	.674	1.10	.904	2.28	1.04	.723	1.04	2.28	.930	.877	.626	.57
22	.674	1.10	.877	2.06	.985	.723	1.16	1.46	.904	.877	.626	.57
23	.674	1.04	.825	1.89	.985	.910	1.13	1.30	.877	.877	.626	.53
24	.674	.930	1.07	1.85	.930	.905	2.53	1.24	.877	.877	.579	.53
25	.626	.930	1.30	2.30	.930	.825	2.26	1.21	1.20	.825	.579	.53
26	.626	1.04	1.10	2.23	.930	.774	1.55	1.15	1.33	.825	.579	.53
27	.626	.985	1.01	1.89	.877	.930	1.39	1.15	18.8	.825	.579	.82
28	.626	.930	.930	1.82	.877	.825	2.18	1.12	2.72	.985	.579	.67
29	.626	.985	.958	1.71	.877	.825	2.09	1.04	1.71	.877	.579	
30	.674	1.15	.904	1.58	.877	1.02	1.83	1.01	1.46	.825	.579	
31	.626		1.07		.825	1.07		1.04		.774	.579	
MCY	.760	.963	1.30	2.34	1.17	.838	1.26	1.71	1.71	.977	.672	.60

DEBIT MOYEN ANNUEL 1.19 M3/S

STATION : TOGO

MCNO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.626	.533	.825	.674	1.65	1.52	1.15	14.1	2.33	1.78	.985	.723
2	.626	.533	1.33	.626	1.52	1.46	1.78	9.58	2.33	1.65	.985	.674
3	.626	.579	.930	.674	1.21	1.46	1.85	16.6	2.46	1.58	.930	.674
4	.579	.533	.774	1.15	1.15	1.33	2.33	9.16	2.33	1.52	.930	.723
5	.533	.626	.774	.774	1.15	1.15	4.98	5.69	2.33	1.46	.930	.723
6	.626	.774	.774	1.27	2.33	1.10	11.8	7.55	2.10	1.46	.877	.723
7	.626	.579	.674	1.27	2.60	1.10	6.05	5.69	2.00	1.46	.825	.723
8	.579	.579	.674	1.33	3.30	1.10	4.64	3.52	1.78	1.33	.825	.723
9	.579	.533	.723	.930	5.33	1.04	3.10	2.91	1.65	1.33	.825	.674
10	.877	.487	4.30	.825	2.60	1.04	2.91	5.69	2.10	1.33	1.27	.674
11	.674	.579	1.21	.825	6.41	1.04	3.30	11.3	1.65	1.39	.985	.674
12	.774	.533	1.15	.774	2.75	.985	2.91	31.3	1.58	1.39	.877	.674
13	.930	.533	1.10	1.15	2.91	.985	2.33	11.8	1.52	1.27	.825	.674
14	.674	.487	.930	.877	2.75	.985	1.92	9.58	1.52	1.27	.723	.626
15	.674	.487	.930	1.21	2.91	.985	1.85	8.75	1.52	1.27	.723	.626
16	.774	.443	.985	.930	2.91	.930	1.78	6.79	1.58	1.78	.723	.674
17	1.04	.443	.930	.877	1.85	.930	1.78	6.05	1.52	1.46	.674	.723
18	.930	.443	.877	.877	1.85	.877	7.55	5.69	1.52	1.21	.674	.723
19	.985	.723	.825	1.15	1.71	.877	5.69	5.69	1.46	1.21	.674	.723
20	.825	.579	1.52	.930	1.78	.877	5.33	6.05	1.46	1.21	.674	.723
21	.674	1.10	1.10	2.33	2.33	.877	4.02	5.33	1.39	1.15	.626	.723
22	.579	.723	.985	1.85	2.10	.825	2.91	4.64	1.39	1.15	.626	.674
23	.579	.626	.877	1.85	2.33	.825	2.33	3.76	1.52	1.21	.626	.674
24	.626	.579	.825	1.52	2.46	.825	2.10	4.30	4.64	1.10	.579	.674
25	.674	.579	.825	1.33	2.91	.877	2.10	3.76	9.16	1.10	.579	.674
26	.626	.579	.774	1.27	2.33	.877	2.46	2.91	3.10	1.10	.825	.674
27	.626	.774	.825	1.15	2.10	.774	2.10	2.46	2.21	1.10	.774	.674
28	.626	.723	.774	1.15	1.85	1.21	2.91	2.91	1.92	1.04	.774	.674
29	.674	.774	.774	1.04	1.71	1.78	10.0	2.33	1.85	1.04	.774	.674
30	.626	.723	.674	1.04	1.58	1.71	7.95	2.60	1.85	.985	.674	
31	.579		.674		1.52	1.21		2.33		.985	.674	
MCY	.692	.606	1.01	1.12	2.38	1.08	3.80	7.12	2.19	1.30	.789	.690

DEBIT MOYEN ANNUEL EN 1959-1960 1.90 M3/S

STATION : TOGO

MONO

AMOU

AMOU - OBLD

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.674	.774	1.27	1.46	5.69	9.58	4.30	22.6	9.58	1.65	1.71	1.46
2	.674	.985	1.33	1.33	6.79	7.95	4.98	22.6	6.05	1.65	1.71	1.46
3	.674	.825	2.60	1.15	5.33	8.75	12.2	17.6	9.58	2.60	1.71	1.46
4	.626	.825	2.21	1.15	5.33	28.1	9.16	16.6	5.69	2.46	1.71	1.39
5	.626	.825	1.78	1.15	9.58	18.7	7.55	14.6	9.58	2.46	1.71	1.39
6	.626	5.33	1.58	1.10	4.98	15.6	9.58	13.1	10.9	2.21	1.71	1.33
7	.626	3.10	1.21	1.46	8.35	28.1	10.0	12.7	6.41	2.46	1.71	1.33
8	.626	2.91	1.21	1.33	6.41	24.4	8.75	12.7	7.95	2.33	1.71	1.33
9	.626	2.33	1.15	1.65	51.7	9.58	9.58	12.7	9.16	2.33	1.65	1.27
10	.825	3.52	1.15	11.3	28.1	44.8	8.75	12.2	9.16	2.21	1.65	1.27
11	1.10	3.10	1.15	5.69	18.1	36.6	9.58	11.8	9.16	2.21	1.65	1.27
12	4.98	2.21	1.15	6.79	11.8	30.0	9.16	10.9	7.55	2.10	1.65	1.27
13	1.92	2.00	1.04	4.98	10.4	24.4	9.16	8.75	6.05	2.10	1.65	1.15
14	.985	2.33	1.04	2.46	7.95	20.3	8.35	10.4	2.91	2.10	1.65	1.04
15	.774	3.76	1.39	1.46	5.69	19.8	8.35	7.95	2.60	2.10	1.58	.774
16	1.65	4.02	1.15	1.33	4.98	14.1	7.95	11.3	2.10	2.10	1.58	.674
17	1.27	2.33	1.04	1.78	4.30	10.4	7.95	20.3	2.21	2.10	1.58	.626
18	1.52	4.98	1.10	1.78	3.52	12.2	28.1	11.8	2.33	2.00	1.58	.626
19	1.04	2.10	1.10	1.58	3.10	11.3	15.6	10.4	4.02	2.00	1.52	.626
20	.774	2.75	1.10	3.76	2.75	10.0	16.6	18.7	4.64	2.00	1.52	.626
21	1.04	2.00	1.04	2.91	8.35	9.58	16.1	11.3	5.33	2.00	1.33	.626
22	.930	1.92	1.10	2.60	4.64	8.75	15.1	12.7	3.52	2.00	1.21	.626
23	.825	1.65	.985	25.0	3.30	7.95	14.1	10.0	3.52	1.92	1.15	.626
24	1.65	1.15	.985	14.1	4.02	7.17	14.1	7.17	3.52	1.92	1.27	.626
25	5.69	1.52	.985	16.6	8.35	6.41	11.3	9.58	3.10	2.33	1.21	.626
26	1.33	1.33	1.10	11.3	28.1	6.05	13.1	8.75	1.78	1.85	2.33	.626
27	1.15	1.21	1.04	8.75	25.0	6.05	43.4	22.1	1.78	1.78	1.92	.626
28	.985	1.15	1.04	6.79	14.6	5.69	36.6	20.3	1.71	1.78	1.78	.626
29	.774	1.21	1.10	12.7	12.7	5.33	26.9	18.1	1.71	1.71	1.71	
30	.774	1.52	1.39	11.8	10.9	4.98	23.8	9.58	1.65	1.71	1.58	
31	.774		1.21		8.75	4.64		11.8		1.71	1.52	
MCY	1.24	2.19	1.25	5.57	10.8	14.7	14.0	13.6	5.17	2.06	1.61	.978

DEBIT MOYEN ANNUEL

6.13 M3/S

STATION : TOGO MCNO AMOU AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.626	1.71	1.15	1.21	6.05	1.71	1.21	2.00	1.52	1.10	.930	.774
2	.626	1.33	1.15	1.21	5.69	1.65	1.21	1.78	1.52	1.10	.930	.774
3	.626	1.21	1.46	2.21	2.60	1.65	1.21	1.65	1.46	1.10	.877	.774
4	.626	1.65	1.46	2.00	2.10	1.65	1.21	1.78	1.65	1.15	.877	.774
5	.626	1.46	1.39	1.46	1.85	1.58	1.21	2.00	1.58	1.10	.877	.774
6	.626	1.58	1.39	1.46	1.85	1.58	1.65	2.00		1.15	.877	.774
7	.626	1.65	1.21	1.46	1.78	1.58	1.65	1.85		1.15	.877	.774
8	.626	2.00	1.27	1.46	1.78	1.52	1.46	1.78		1.10	.877	.723
9	.626	1.71	1.21	1.39	1.78	1.52	1.39	1.85		1.10	.877	.723
10	.626	1.52	2.21	1.27	1.85	1.46	1.27	2.00		1.04	.877	.723
11	.626	1.78	1.85	1.21	1.78	1.39	1.27	2.10		1.04	.825	.723
12	.626	2.21	1.71	1.21	1.78	1.39	1.27	2.21		1.04	.825	.723
13	.626	2.33	1.21	1.52	2.21	1.39	1.58	2.91		1.04	.825	.723
14	.626	1.71	1.33	1.33	1.92	1.33	1.52	2.33	1.33	1.04	.825	.723
15	.626	1.58	1.52	1.27	1.85	1.33	1.52	2.46	1.21	1.04	.825	.723
16	.626	1.52	1.21	1.27	1.85	1.39	1.58	2.75	1.21	.985	.825	.723
17	.626	1.46	1.15	1.27	1.85	1.46	1.65	2.10	1.21	.985	.825	.723
18	.626	1.46	1.15	2.00	1.85	1.39	1.58	2.00	1.21	.985	.774	.723
19	1.10	1.46	1.15	1.71	1.71	1.39	1.52	2.33	1.21	.985	.774	.723
20	1.10	1.33	1.15	1.21	1.71	1.39	1.39	1.92	1.21	1.04	.774	.723
21	1.15	1.33	1.15	1.39	1.85	1.33	1.52	2.00	1.15	.985	.774	.723
22	1.15	1.27	1.15	1.71	1.85	1.27	1.39	1.85	1.21	.985	.774	.723
23	1.15	1.15	1.21	1.58	1.78	1.27	1.65	1.78	1.15	.985	.774	.723
24	1.15	1.65	1.15	1.39	1.78	1.27	1.92	1.71	1.15	.985	.774	.723
25	1.15	1.33	1.21	1.39	1.92	1.33	1.78	1.71	1.15	.985	.774	.723
26	1.15	1.21	1.21	1.58	1.85	1.33	1.78	1.58	1.15	.985	.774	.723
27	1.15	1.15	1.21	11.8	1.85	1.33	1.65	1.65	1.15	.985	.774	.723
28	2.10	1.15	1.21	10.9	1.78	1.27	1.52	1.58	1.15	.985	.774	.723
29	1.85	1.15	1.21	12.2	1.78	1.27	1.52	1.58	1.10	.930	.774	
30	4.30	1.15	1.21	8.35	1.71	1.27	1.92	1.52	1.10	.930	.774	
31	2.60		1.21		1.71	1.21		1.52		.930	.774	
MCY	1.04	1.51	1.31	2.71	2.12	1.42	1.50	1.95	1.32	1.03	.822	.736

DEBIT MOYEN ANNUEL

1.46 M3/S

STATION : TOGO

VONG

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.723	.825	1.15	1.71	2.75	2.91	1.71				1.08	
2	1.723	.825	1.15	1.58	3.52	2.33	1.71					
3	1.774	.825	1.15	1.52	4.98	2.46	1.71					
4	.774	.930	1.04	1.46	4.64	2.33	1.65					
5	.985	.877	1.10	1.58	2.91	2.33	1.65					
6	.985	.774	.985	1.52	2.75	2.21	1.65					
7	.930	1.15	1.10	2.00	2.46	2.21	1.78					
8	.930	1.10	1.04	2.75	2.75	2.21	1.71					
9	.930	1.15	3.30	2.33	3.76	2.10	1.71					
10	.877	1.21	3.30	2.10		2.10	1.71					
11	.877	1.27	2.46	2.46	6.41	2.10	1.65					
12	.877	1.15	1.85	2.75	4.98	2.00	1.78					
13	.877	1.15	1.65	2.46	4.64	2.00	1.71					
14	.930	1.10	1.52	2.00	5.33	2.10	1.71					
15	.930	.985	1.15	3.10	3.52	2.00	1.71					
16	.985	.985	1.58	2.91	3.76	2.10	1.71					
17	.985	.877	1.71	2.75	3.10	1.92	1.65					
18	1.10	.877	1.46	2.46	4.30	1.85	1.92					
19	1.15	.930	1.27	2.10	3.76	1.85	1.71					
20	1.15	.930	1.21	1.78	4.98	2.10	1.71					
21	.985	1.04	1.10	1.71	6.41	1.92	1.65					
22	1.85	.985	.985	2.00	4.64	1.92	1.65					
23	1.71	1.04	1.04	14.1	2.91	1.85	1.78					
24	1.46	.985	1.71	6.41	2.60	1.85	1.85					
25	1.46	1.15	1.58	5.69	2.46	1.78	2.10					
26	1.10	1.15	1.39	2.75	2.46	1.78						
27	.985	1.33	9.16	2.91	2.46	1.78						
28	.877	1.33	2.75	4.98	2.33	1.71						
29	.877	1.58	2.46	3.52	2.75	1.71						
30	.877	1.52	1.92	2.75	2.60	1.71						
31	.877		1.85		2.75	1.78						
MCY	1.02	1.07	1.84	3.00	3.70	2.03	1.79					

1.46

STATION : TOGO

MONO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1		.939	1.16	1.24				22.9	9.73	1.95	.939	.456
2		.939	1.08	1.24			5.76	27.0	9.20	1.95	.939	.456
3		.939	1.08	1.16			22.9	47.5	7.79	1.95	1.76	.407
4		1.16	1.08	1.16			18.0	46.8	7.01	1.85	1.16	.407
5		1.01	1.08	1.24			20.1	44.8	7.79	1.76	1.01	.360
6		1.16	1.16	1.40			31.7	31.7	7.01	1.76	.939	.360
7		1.66	1.32	1.32			23.6	81.3	6.37	1.66	.939	.360
8		1.24	1.24	2.05			20.1	31.7	5.76	1.66	.939	.315
9		1.08	1.08	4.97			35.5	31.7	5.22	1.57	.870	.315
10		.939	1.01	4.12			23.6	31.0	4.97	1.57	.804	.273
11		.870	1.16	3.95			20.1	22.2	4.97	1.49	.740	.273
12		.870	3.62	4.52			17.3	19.4	4.74	1.49	.740	.273
13		2.05	2.38	3.62			20.1	18.0	4.31	1.49	.740	.233
14	1.01	1.95	2.05	2.38			21.5	19.4	3.95	1.40	.678	.233
15	1.01	2.62	1.95	2.26			51.7	19.4	3.78	1.40	.678	.233
16	1.01	1.32	1.49	2.88			33.6	18.7	3.62	1.40	.678	.233
17	1.01	4.74	1.49	1.85			25.0	18.0	3.31	1.32	.619	.195
18	.939	3.02	1.49	1.85			20.1	17.3	3.16	1.32	.619	.195
19	.939	1.49	1.66	2.05			18.0	15.1	3.31	1.24	.562	.195
20	.939	1.85	1.49	1.85			18.0	13.6	3.31	1.24	.562	.160
21	1.01	1.76	1.40	1.85			16.6	12.2	3.02	1.24	.508	.160
22	1.01	1.49	1.40	1.66			16.6	11.5	2.88	1.24	.508	.160
23	.870	1.95	1.32	1.40			57.2	9.73	2.75	1.16	.456	.160
24	.870	1.66	1.32	1.57			34.9	25.0	2.75	1.16	.456	.195
25	.939	1.49	1.32	2.38			27.0	18.0	1.49	1.16	.456	.127
26	.939	1.49	1.32	2.62			22.2	18.0	2.26	1.08	.456	.127
27	1.01	1.32	1.24	3.16			19.4	18.0	2.15	1.08	.407	.097
28	1.40	1.24	1.24	2.88			21.5	17.3	2.05	1.08	1.57	.097
29	1.40	1.24	1.16	3.16			20.8	14.4	2.05	1.01	.804	.233
30	1.24	1.16	1.16	5.22			26.4	12.2	2.05	1.01	.508	
31	1.01		1.85					12.2		1.01	.508	
MCY	1.02	1.55	1.44	2.43			23.8	24.1	4.43	1.41	.760	.251

STATION : TOGO

MONO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.195	1.08	1.66	.619	4.12	2.75	3.31		1.76	1.08	.939	.678
2	.195	.939	1.49	.678	3.95	2.75	2.62		1.66	1.24	.939	.678
3	.160	1.49	1.49	.562	3.62	2.38	2.38		1.66	1.08	1.34	.837
4	.456	2.38	1.49	.562	3.78	2.26	3.16		1.66	1.08	1.08	.740
5	.456	1.49	1.57	2.05	3.16	2.15	27.0		1.66	1.08	1.08	.678
6	.619	2.26	1.49	1.16	2.88	2.05	10.9		1.57	1.66	.939	.808
7	.619	1.66	1.32	1.55	2.62	2.05	15.1	13.6	1.57	1.16	.939	.772
8	.508	1.66	1.32	1.49	2.38	1.95	12.9	9.73	1.49	1.08	.974	.709
9	.508	1.66	1.16	1.16	2.38	1.85	9.20	5.48	1.49	1.08	.939	.678
10	.315	2.26	1.32	.870	2.26	2.05	7.79	4.31	1.40	1.08	.870	.678
11	.315	1.95	1.24	.870	2.15	1.85	6.06	3.78	1.40	1.01	.939	.678
12	1.24	1.95	1.24	7.38	2.50	1.76	5.48	3.46	1.40	1.01	.870	.977
13	.939	1.66	1.32	25.0	2.15	1.66	4.52	3.02	1.40	1.01	.870	.772
14	.804	1.66	1.32	7.01	3.62	1.66	4.12	2.75	1.40	1.01	.870	1.62
15	.619	1.57	1.24	4.12	9.20	1.66	4.74	2.88	1.40	1.01	.837	1.01
16	.740	2.26	1.40	3.46	4.52	1.57	3.78	2.50	1.32	.939	.804	.804
17	2.26	3.31	1.08	9.20	2.50	1.57	3.31	2.62	1.32	.939	.804	.804
18	.678	2.62	1.32	6.37	3.31	1.49	3.02	3.16	1.24	.939	.740	.740
19	.508	3.16	3.78	18.0	2.75	1.49	2.88	2.62	1.49	.939	.740	.740
20	.456	5.76	1.49	25.0	2.62	1.76	2.88	2.50	1.32	1.01	.740	.740
21	.456	3.16	1.16	16.6	2.62	1.49	2.75	2.38	1.24	.939	.740	.740
22	.407	2.50	1.85	10.3	2.26	1.40	2.62	2.26	1.24	.939	.740	.740
23	.407	2.26	1.57	7.38	2.26	1.32	2.62	2.15	1.24	.939	.740	.740
24	1.66	1.95	8.22	5.48	2.50	1.32	2.38	2.05	1.16	.939	.740	.678
25	.740	1.76	1.95	4.97	2.26	1.24	2.15	2.15	1.16	.870	.740	.740
26	1.08	1.57	1.32	18.0	2.05	1.16	2.15	2.05	1.08	.870	.740	.678
27	1.49	1.49	1.01	7.01	1.95	1.16	2.15	1.95	1.16	.870	.939	.678
28	1.08	3.31	.939	7.38	1.85	1.16	11.5	1.85	1.08	.870	.740	.678
29	3.95	2.26	.939	5.76	2.15	1.16	4.74	2.38	1.08	1.32	.740	
30	1.49	1.85	.939	4.52	1.95	2.15	5.22	1.85	1.16	1.24	.740	
31	1.24		.619		2.15	2.88		1.76		.939	.740	
MCY	.858	2.17	1.62	6.83	2.92	1.78	5.79	4.58	1.37	1.04	.858	.779

DEBIT MOYEN ANNUEL

2.55 M3/S

STATION : TOGO

MONO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.619	.619	.870	.839	5.87	2.82	3.47	3.02	2.56	2.38	.740	
2	.619	.562	.870	.619	3.56	2.69	3.39	2.88	2.38	2.38		
3	.619	.562	.804	.591	14.3	2.62	3.09	3.39	2.26	2.50		
4	.619	.535	.804	.562	5.40	2.56	2.88	3.87	2.15	2.50		
5	.619	1.01	.740	.562	3.79	2.44	2.88	3.39	2.05	2.50		
6	.678	1.57	.740	.535	3.91	2.26	3.19	3.47	1.95	2.38		
7	.678	.709	.740	.535	4.04	2.10	2.95	3.47	1.85	2.38		
8	.870	.678	.678	.562	3.71	2.05	2.82	3.47	1.81	2.38		
9	.678	.678	.678	.624	10.1	2.00	4.19	3.16	1.76			
10	.740	.619	.678	.680	7.08	1.95	3.63	3.71	1.71			
11	1.08	.562	.678	.651	6.39	1.85	5.37	3.16	1.76			
12	1.01	.562	.619	1.20	5.91	1.71	4.77	2.95	1.95			
13	.740	.680	.619	2.10	5.49	2.13	4.74	2.88	2.29			
14	.678	1.24	.619	1.63	4.98	2.06	5.85	2.69	2.69			
15	.939	.870	.939	1.28	3.95	2.96	42.0	2.50	2.82			
16	.740	1.66	.740	1.49	4.50	6.64	20.5	2.44	3.10			
17	.870	.977	.619	1.28	22.8	4.32	13.0	2.32	3.40			
18	.678	.939	.619	2.01	13.7	3.70	9.80	2.26	3.62			
19	.678	.939	.619	1.71	8.71	8.37	7.20	2.15	3.39			
20	1.01	.870	.562	14.9	12.2	5.95	6.37	2.10	3.39			
21	.740	.943	.562	4.15	8.49	4.34	5.49	2.33	3.16			
22	.678	1.28	.562	3.63	7.23	3.70	4.87	2.10	3.31			
23	.678	.974	.508	5.31	5.91	3.39	4.31	2.00	3.24			
24	.619	1.58	.508	3.10	5.91	3.09	4.52	2.69	3.09			
25	.619	1.58	.508	2.69	5.11	2.95	3.95	3.62	2.88			
26	.619	1.16	.508	3.67	5.37	2.95	3.78	3.02	2.95			
27	.939	.974	.619	5.71	4.22	3.77	3.62	3.47	3.02			
28	.678	1.12	.562	5.55	3.87	4.80	3.46	3.24	2.82			
29	.619	.974	.562	4.52	3.54	3.87	3.39	3.47	2.62			
30	.619	.939	.562	3.62	3.39	3.54	3.24	2.89	2.44			
31	.619		.939		3.09	3.24		2.69		.740		
MCY	.729	.946	.666	2.54	6.66	3.32	6.42	2.93	2.61			

STATION : TOGO

MONO

AMOU

AMCU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1		3.31	3.78	9.20	6.37						.358	
2		3.17	3.54	6.37	6.06							
3		3.31	3.31	4.74	5.76							
4		3.09	4.34	5.76	5.35							
5		3.79	3.47	14.4	4.97							
6		3.39	5.25	4.74	6.48							
7		3.31	3.87	4.74	6.07							
8		3.71	3.87	5.22	5.62							
9		4.26	3.70	8.22	6.69							
10		3.39	3.39	4.97	6.69							
11		5.09	3.31	4.97	6.21							
12		3.54	4.72	5.48	6.07							
13		3.39	3.70	4.97	8.22							
14		4.58	3.46	6.37								
15		3.47	4.41	5.48								
16		3.31	4.05	5.22								
17		4.38	3.39	4.85								
18		3.24	3.47	4.31								
19		3.09	3.70	4.52								
20		3.16	4.41	4.97								
21		3.24	4.22	4.85								
22		3.02	3.87	4.97								
23		3.24	4.64	4.74								
24		3.24	4.74	5.62								
25		3.16	4.85	5.35								
26		3.09	4.41	4.97								
27		2.95	4.04	11.1								
28		3.79	4.63	5.49								
29		3.31	5.76	8.24								
30		4.50	6.21	6.84								
31			6.21							.740		
MCY		3.52	4.22	6.06								

STATION : TOGO

MONO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MCYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			1.31	.538	3.18	2.99	1.82	21.2	4.44	2.97	1.26	.780
2			1.11	.567	2.60	2.67	2.42	16.9	4.21	2.54	1.55	.681
3			1.11	.570	3.18	2.60	2.84	13.7	3.80	2.05	1.40	.681
4			1.02	.775	4.00	3.08	2.61	12.2	4.44	2.05	1.26	.591
5			.932	.567	4.69	6.91	3.35	13.0	3.80	1.93	1.13	.591
6			.932	.538	4.45	6.37	15.5	10.3	3.62	1.87	1.13	.681
7			.850	1.66	4.11	4.45	12.2	10.0	3.43	1.87	1.13	.681
8			.773	1.06	4.95	3.90	8.65	9.73	3.25	1.76	1.00	.591
9			.700	.975	4.33	3.81	7.45	8.15	3.25	1.99	1.00	.591
10			.631	1.31	8.27	3.34	6.68	7.93	3.08	1.76	1.00	.591
11			.631	.932	5.66	3.08	5.81	7.93	2.91	1.76	1.00	.591
12			.631	2.61	4.69	2.91	5.22	7.25	2.91	1.66	1.13	.509
13		.508	1.31	2.54	4.11	2.67	4.82	6.47	2.60	1.71	1.00	.509
14		.508	.932	2.13	3.81	2.67	4.45	5.97	2.60	1.71	1.00	.509
15		.700	.700	3.09	3.43	2.45	4.34	6.68	2.45	1.71	.887	.591
16		1.02	.631	2.24	3.34	2.31	4.33	10.4	2.45	1.93	.780	.509
17		.665	.567	3.80	2.99	2.38	5.99	7.91	2.31	1.61	.780	.550
18		2.31	1.47	2.38	2.75	2.24	5.36	6.85	2.31	1.52	.780	.891
19		1.16	1.02	2.05	2.75	2.18	7.48	5.97	2.18	2.06	.780	1.01
20		1.23	.811	1.99	2.67	2.05	7.03	6.32	2.31	1.61	.780	.834
21		1.78	.736	2.05	2.45	2.31	13.6	5.36	2.18	1.82	.730	.834
22		1.16	.665	2.11	2.31	2.05	12.3	5.52	2.05	1.66	.681	.731
23		2.48	.631	2.42	2.18	1.93	9.16	4.82	1.93	1.47	.681	.891
24		1.77	.599	2.25	2.11	1.82	9.44	4.56	1.93	1.47	1.00	.681
25		1.16	.736	1.82	2.18	1.87	10.4	4.21	1.93	1.47	.887	.591
26		4.12	.599	2.18	2.05	3.11	13.4	4.45	1.82	1.47	.780	.550
27		3.11	.567	2.24	2.56	2.38	23.3	4.00	1.71	1.41	.780	1.22
28		1.99	.775	2.18	2.75	2.11	17.7	3.80	1.61	1.36	.780	.636
29		1.66	.631	1.82	4.07	2.05	16.6	6.59	1.61	1.36	.681	.642
30		1.47	.700	2.40	3.25	2.11	17.3	5.68	1.61	1.36	.681	
31			.599		3.09	1.93		4.82		1.26	.681	
MCY			.816	1.79	3.52	2.86	8.71	8.02	2.69	1.75	.942	.687

STATION : TCGO

MCNO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.550	1.26	1.85	4.95	9.71	6.95	14.8	25.7	26.9	3.42	1.70	1.00
2	.681	1.34	1.62	4.09	10.5	6.72	20.0	20.1	14.0	3.42	1.70	1.00
3	.591	1.06	1.47	3.59	24.3	8.61	14.0	17.3	10.4	3.42	1.55	.887
4	.550	.887	1.62	3.67	23.1	21.2	11.9	14.8	8.61	3.42	1.55	.887
5	.591	.731	1.93	3.34	19.8	20.1	14.0	17.7	7.15	3.10	1.55	.887
6	.591	.681	1.40	3.34	16.6	17.7	13.7	13.3	6.50	2.94	1.55	.887
7	1.07	.595	1.26	3.02	12.3	27.8	14.8	19.4	6.00	3.42	1.55	1.40
8	.636	2.86	1.06	3.35	21.6	28.7	13.7	21.2	5.72	2.94	1.55	2.00
9	.550	1.55	1.00	3.26	20.5	27.7	11.9	16.9	5.29	2.94	1.40	1.40
10	.953	1.06	.887	3.02	15.5	23.3	13.7	24.3	5.21	2.78	1.40	1.26
11	.636	3.20	.834	9.48	11.9	27.2	11.2	23.6	5.41	2.78	1.40	1.26
12	.731	1.77	2.87	10.9	9.72	32.6	12.7	20.1	5.04	2.62	1.40	1.13
13	.731	4.27	1.47	5.89	8.60	27.0	10.9	18.7	4.95	2.62	1.40	1.13
14	1.06	2.54	1.19	6.41	12.2	22.2	10.0	16.2	4.77	2.62	1.40	1.00
15	.681	2.70	1.06	11.2	9.72	19.4	9.14	13.3	4.60	2.62	1.40	1.13
16	.636	2.08	1.13	10.6	8.34	22.2	9.72	12.2	4.55	2.46	1.40	1.85
17	.891	3.35	1.01	27.4	7.60	18.7	14.8	11.9	4.51	2.46	1.40	1.70
18	.636	2.46	.945	18.7	6.72	20.4	12.6	11.6	4.26	2.31	1.33	1.40
19	1.01	2.23	.834	12.9	6.31	18.4	11.2	12.0	4.26	2.31	1.33	1.13
20	.731	2.00	.834	9.45	8.44	15.5	16.9	9.45	4.34	2.31	1.33	1.00
21	.591	1.70	3.10	8.09	7.61	14.4	14.4	8.34	5.23	2.31	1.26	1.00
22	.859	2.00	1.55	9.19	14.5	18.0	11.9	8.34	4.51	2.15	1.19	1.00
23	.887	1.70	3.18	6.55	12.0	18.7	10.6	8.42	4.34	2.00	1.19	.887
24	2.40	1.92	2.39	5.58	8.61	32.5	9.42	6.95	4.09	2.00	1.19	.887
25	1.01	1.77	2.70	5.38	6.92	29.3	8.34	6.33	4.09	2.00	1.19	1.26
26	.731	1.62	2.78	12.2	6.14	23.6	7.37	5.83	3.92	1.85	1.55	1.13
27	.591	2.62	2.46	13.0	5.58	27.7	10.6	5.63	3.92	1.85	1.33	1.00
28	1.93	2.23	4.09	8.10	5.38	21.2	11.3	5.30	3.75	1.85	1.13	.887
29	1.93	1.85	3.26	14.8	5.04	19.8	11.0	5.04	3.59	1.70	1.06	
30	.945	2.23	3.02	11.3	6.52	18.4	35.5	5.21	3.59	1.85	1.06	
31	1.34		4.35		5.49	15.9		4.95		1.70	1.06	
MCY	.894	1.94	1.91	8.43	11.2	21.0	13.1	13.2	6.13	2.52	1.37	1.16

DEBIT MOYEN ANNUEL

6.95 M3/S

STATION : TOGO

MCNO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MCYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.85	.945	1.00	.834	2.62	3.75	9.72	5.21	10.3	2.62	1.66	1.20
2	1.13	.797	.887	1.06	2.70	3.26	9.76	4.60	8.87	2.62	1.57	1.24
3	1.00	.681	.887	.834	3.02	2.86	8.34	5.04	14.0	2.62	1.49	1.16
4	.887	4.88	.887	.780	2.54	2.70	7.14	4.26	18.4	2.62	1.49	1.16
5	1.70	1.65	.887	.780	2.15	2.62	6.00	3.92	13.3	2.31	1.57	1.12
6	1.26	.945	.780	1.14	2.46	22.6	5.58	7.03	10.9	2.15	1.57	1.16
7	1.00	1.26	2.31	.887	2.71	23.9	6.22	5.63	9.72	2.15	1.49	1.16
8	1.40	.891	1.40	1.56	8.06	14.1	5.63	5.29	9.15	2.31	1.57	1.08
9	1.13	.834	1.00	1.20	28.6	13.6	4.77	4.77	8.10	2.15	1.49	1.08
10	1.13	1.06	1.00	1.26	25.2	11.3	4.43	4.43	8.50	2.15	1.49	1.08
11	1.00	.945	.887	1.00	15.9	13.7	4.09	4.17	6.33	2.15	1.57	1.05
12	1.00	1.56	.780	3.43	10.3	10.0	3.84	3.84	5.83	3.10	1.49	1.68
13	.887	2.39	.887	2.00	8.65	7.84	3.51	3.92	5.38	2.15	1.49	1.24
14	.887	10.0	.780	1.77	6.00	6.72	4.97	3.51	5.12	2.00	1.40	1.12
15	.887	3.10	1.40	2.63	6.95	10.4	3.75	5.28	4.86	2.00	1.40	1.16
16	.780	2.23	1.55	2.00	5.72	9.42	4.53	5.04	4.69	2.00	1.40	1.16
17	1.00	1.77	1.13	1.70	4.95	15.9	17.2	4.69	4.43	2.00	1.85	1.12
18	.887	1.77	1.40	1.62	4.60	12.2	12.4	11.4	4.26	1.85	1.66	1.63
19	1.26	1.93	1.26	1.55	4.26	9.45	6.95	17.2	4.09	1.85	1.40	1.20
20	.887	1.70	1.00	5.85	3.84	7.37	5.49	40.9	3.92	1.70	1.40	1.12
21	.887	1.40	1.00	4.01	4.78	6.31	5.04	25.7	3.75	1.70	1.40	1.08
22	.887	1.19	.887	2.62	3.92	5.58	4.69	32.9	3.59	1.70	1.40	1.01
23	.780	1.47	1.00	5.59	3.42	5.12	4.69	25.3	3.42	1.55	1.40	.974
24	.780	1.13	.780	5.14	3.34	5.32	8.61	20.1	3.26	1.40	1.85	.870
25	.780	1.19	.780	4.26	3.02	4.60	5.12	16.6	3.26	1.40	1.57	.804
26	.780	1.13	1.13	3.42	2.86	5.63	17.8	14.0	3.10	1.40	1.49	.804
27	.887	2.39	.887	2.94	2.62	37.9	9.82	25.5	2.94	1.40	1.40	1.59
28	.780	1.47	1.13	2.70	2.39	27.0	6.33	22.6	2.94	1.55	1.32	1.05
29	.681	1.19	1.85	2.39	2.23	21.5	5.49	18.0	2.78	1.26	1.32	
30	.681	1.06	1.13	2.31	2.31	16.6	5.80	14.4	2.78	1.40	1.24	
31	.591		.887		4.52	12.2		11.9		1.26	1.16	
MCY	.983	1.84	1.08	2.31	6.02	11.3	6.93	12.2	6.40	1.95	1.48	1.15

DEBIT MOYEN ANNUEL

4.50 M3/S

STATION : TOGO

MCNO

AMOU

AMOU - OBLO

NUMERO : 47400505

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.939	.977	1.01	2.16	1.76	1.20	1.32	3.62	2.44	.804	.751	.253
2	.839	.837	.939	1.85	1.49	1.16	1.28	3.24	2.27	.804	.680	.273
3	.804	.804	.939	1.55	1.40	1.16	1.32	2.95	2.05	.678	.538	.273
4	.837	.804	.871	1.71	1.28	1.12	1.58	11.8	2.00	.678	.482	.273
5	.939	.907	.943	1.44	1.28	1.08	1.36	5.64	1.81	.678	.457	.273
6	1.16	1.28	1.24	1.44	1.20	1.05	1.32	4.23	1.71	.678	.457	
7	1.53	.939	1.62	1.36	1.50	1.32	1.20	3.54	1.53	.678	.408	
8	1.24	.871	2.10	1.24	2.29	1.16	1.16	3.17	1.49	.619	.456	.233
9	1.16	.904	1.20	1.20	3.29	1.12	3.69	2.95	1.28	.678	.340	.273
10	1.24	.837	1.08	1.12	2.90	1.12	2.39	2.89	1.24	.619	.456	.233
11	2.58	.939	.974	1.05	4.47	1.72	1.90	2.50	1.24	.619	.408	.253
12	1.58	1.17	1.20	1.08	4.07	1.40	1.81	2.21	1.20	.562	.383	.651
13	1.24	6.72	.939	1.01	3.09	1.20	2.82	2.00	1.12	.508	.360	.919
14	1.12	2.02	.939	1.12	2.75	1.37	2.32	1.95	1.12	.508	.316	.482
15	1.01	1.32	.940	1.89	2.32	1.16	2.10	1.95	1.08	.562	.337	.386
16	.974	1.24	.805	1.28	2.16	1.12	2.90	1.81	1.08	.562	.316	.383
17	.974	1.16	1.40	1.08	2.05	1.05	2.50	1.76	1.01	.562	.361	.337
18	.939	1.20	1.01	1.05	1.95	1.01	2.38	1.66	.974	.508	.360	.273
19	.939	1.05	.974	1.05	1.85	1.01	2.88	1.57	.974	.562	.315	.253
20	1.20	.939	1.24	1.05	1.76	.939	2.96	1.62	.974	.562	.337	.273
21	.974	.939	1.01	1.16	1.57	.939	5.37	1.49	.939	.562	.337	.294
22	.974	.939	1.86	1.24	1.49	1.60	4.32	1.40	.904	.562	.315	.294
23	2.97	.804	1.32	1.36	1.40	1.24	4.55	1.36	.974	.678	.316	.273
24	1.49	1.16	1.53	1.20	1.57	1.32	5.31	1.32	1.24	.619	.315	.253
25	1.28	.939	1.32	1.08	1.49	1.08	4.32	6.97	1.41	.562	.294	.253
26	1.12	3.47	1.32	1.12	1.40	1.12	5.00	3.62	1.01	.619	.273	.814
27	1.05	1.76	1.36	1.08	1.32	1.71	7.45	6.12	.939	.562	.294	.751
28	.974	1.36	1.28	1.08	1.24	1.36	6.43	4.23	.871	.562	.294	.457
29	.870	1.20	1.24	1.63	1.32	1.20	4.87	3.47	.870	.508	.253	
30	.837	1.12	5.87	1.36	1.32	1.16	4.22	2.96	.837	.456	.316	
31	.804		2.82		1.16	1.12		2.56		.456	.316	
MCY	1.18	1.35	1.40	1.31	1.94	1.20	3.10	3.18	1.29	.599	.382	.364

DEBIT MOYEN ANNUEL

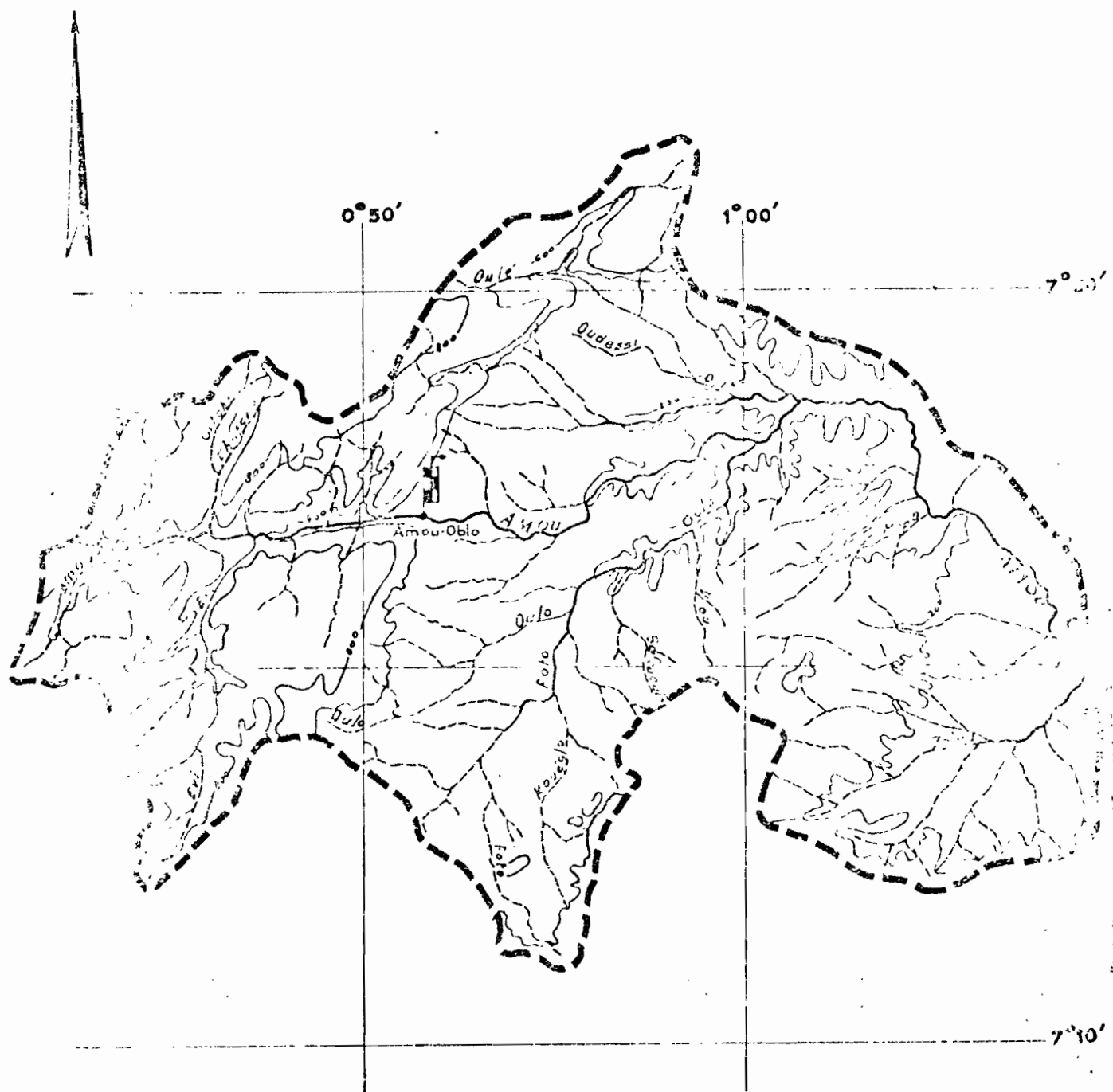
1.45

M3/S

AMOU A GLÉÏ

BASSIN VERSANT = 1.130 Km²

NORD



ECHELLE: 1: 300.000

132

ORSTOM

COMPLEMENTS: 20-11-73
DATE: 21/5/65

DESSINÉ:

M. Sossch

T 262 H

Code : 47 40 05 10

bassin versant : 1 130 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M

Coordonnées : 7° 20' N - 1° 10' E

Cote du zéro de l'échelle :

- . ancienne échelle : 137,932 (rattachée au repère du nivellement général 211 coté 144,339 m.)
- . nouvelle échelle : rattachement avec le N.G. non encore effectué.

Accès : Pont de la route LOME - ATAKPAME

Installations :

L'ancienne station avait été ouverte le 28 Février 1963.

Elle comprenait 7,50 mètres d'échelles, disposés en escalier sur la rive droite, à l'aval de l'ancien pont de la route LOME - ATAKPAME. Par suite de la destruction de ce pont, les lectures ont été interrompues le 27 décembre 1971.

La station a été ouverte de nouveau le 14 Avril 1973 avec 5 mètres d'échelles situés sur la pile rive droite du nouveau pont. L'élément de basses eaux (0-1 m) étant scellé sur des rochers, à l'aval du pont.

Lectures :

Une lecture par jour à l'étiage. Deux lectures à 6h30 et à 17h30 en hivernage. Bonne qualité.

Jaugeages - courbes de tarage :

Station stable. La courbe de tarage, unique, a été tracée avec 44 jaugeages.

- débit maximum jaugé : 172 m³/s (cote 5,69 m) le 11-9-63
- débit minimum : 0,294 m³/s (cote 0,64 m) le 7-3-66

CARACTERISTIQUES DU BASSIN

Hypsométrie :

900 à 400 m.	38,8 %
400 à 300	37,5
300 à 200	8,3
200 à 145	15,4

Altitude moyenne du bassin = 444 m.

Relief et Géologie :

Le bassin est situé dans une région accidentée.

Le sous-sol est constitué de quartzites (avec passées schisteuses) sur les plateaux des Monts du Togo, de granit en piémont, et de gneiss dans la plaine.

Végétation :

Forêt humide avec nombreuses cacaoyères dans les vallées et en piémont.

Savane arborée sur les plateaux, dénudée sur les crêtes.

STATION : TCGO MCNO AMOU GLEI

ALMEFO : 47400510

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.33	2.43	4.04	30.9	68.6	83.0	144.2	35.7	6.98	2.87		
2	.980	2.33	2.33	18.4	68.2	58.4	99.0	34.0	6.98	2.87		
3	.852	2.33	1.97	14.5	72.7	163.	185.	30.5	6.98	3.00		
4	.738	1.72	2.62	16.4	137.	177.	161.	28.8	6.98	4.56		
5	.980	1.64	2.06	15.1	99.5	145.	148.	34.9	6.98	3.57		
6	1.12	1.48	2.52	18.6	65.1	137.	155.	27.5	6.98	3.00	1.48	
7	1.33	1.56	3.42	20.1	50.9	84.7		24.5	6.98	2.87	1.48	
8	1.33	2.87	3.72	39.2	123.	121.	251.	22.3	5.71	3.00	1.40	
9	.980	3.27	10.6	31.2	170.		139.	20.3	5.51	2.74	1.40	
10	.915	2.33	14.9	44.4	73.1		97.2	18.8	5.31	2.74	1.26	
11	.852	3.27	16.2	123.	65.1	74.9	88.0	17.3	4.92	2.74	1.26	
12	.793	5.51	13.2	50.6	61.3	61.3	74.5	15.8	4.92	2.74	1.26	
13	1.33	1.12	11.9	14.5	44.1	148.0	111.	70.2	15.3	4.74	2.74	1.19
14	1.33	1.48	10.4	10.2	29.1	40.1	114.	88.4	14.5	4.74	2.62	1.19
15	1.26	2.43	11.9	8.67	44.7	37.9	145.	68.6	13.8	4.74	2.62	1.12
16	1.19	3.57	7.61	10.4	64.7	34.7	141.	69.8	13.2	4.74	2.62	1.19
17	1.33	5.31	4.38	9.31	38.4	40.9	78.3	56.7	12.1	4.56		1.19
18	1.26	10.2	3.27	9.31	38.4	45.9	79.9	42.6	11.9	4.21		1.26
19	1.26	4.38	3.42	8.88	41.7	47.1	77.5	42.0	12.9	3.88		1.19
20	1.19	3.00	4.38	8.46	33.0	33.0	88.8	41.5	17.7	3.88		1.05
21	1.33	3.57	3.89	6.76	28.6	28.8	85.1	41.7	14.0	3.72		.915
22	.980	4.38	2.87	7.61	50.6	27.5	98.6	37.6	12.3	3.72		.980
23	.915	5.11	2.52	7.61	51.2	36.4	57.7	51.2	11.4	3.57		.980
24	.738	5.92	3.13	8.67	91.4	29.3	122.	158.	10.4	3.57		1.05
25	1.12	5.51	5.11	11.4	62.8	47.4	84.3	85.5	9.93	3.42		.980
26	1.05	4.38	3.13	12.3	109.	36.1	51.9	73.4	9.52	3.42		.915
27	.738	3.57	2.33	12.3	80.3	40.3	45.9	56.0	8.88	3.27		.915
28	1.33	2.52	5.11	11.9	154.	31.9	79.9	49.3	9.10	3.13		.915
29	2.33	2.52	2.43	34.7	118.	35.4	103.	45.0	8.03	2.87		.915
30	2.15	2.43	1.97	34.7	129.	50.3	113.	40.9	7.40	2.74		
31	1.64		2.52		73.8	42.3		43.2		2.74		

MCY 1.35 2.78 3.57 10.2 55.0 57.7 99.0 93.7 17.4 4.74 2.58 1.23

DEBIT MOYEN ANNUEL 29.3 M3/S

STATION : TOGO

MCNO

AMOU

GLEI

NUMERO : 47400510

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.40	1.48	1.89	1.40	12.1	19.2	20.5	13.6	6.34		1.26	
2	1.33	1.40	2.06	1.40	11.7	16.2	12.9	15.3	5.71		1.33	
3	1.19	1.48	1.48	1.40	11.4	15.8	12.9	15.8	5.11		1.26	
4	1.26	2.24	1.33	3.27	10.4	17.3	13.4	20.1	5.11		1.40	
5	1.12	2.43	1.33	3.42	9.73	15.3	17.1	22.7	4.92	1.33	1.33	
6	.980	2.33	1.33	3.00	8.25	14.2	22.1	26.6	4.92	1.33	1.19	
7	.852	1.48	1.26	2.87	8.25	12.9	24.8	28.4	5.11	1.26	1.12	
8	.852	1.48	1.19	3.42	10.2	11.7	22.3	27.5	4.74	1.26	1.19	
9	.738	1.40	1.12	2.74	10.8	10.2	22.5	24.5	4.92	1.33	1.05	
10	.589	1.48	.980	3.27	8.67	9.52	25.0	22.3	4.74	1.40	1.12	
11	.685	1.48	.980	4.04	7.61	8.67	21.0	15.5	4.56		1.12	
12	.636	1.56	.852	5.31	7.82	8.25	21.2	13.2	4.21		.980	
13	.685	1.48	.793	9.73	10.2	10.4	22.5	13.2	4.21		1.05	
14	1.19	1.40	.793	10.8	20.8	9.95	21.4	15.1	4.21		1.05	
15	.915	1.56	1.12	10.6	35.9	7.40	22.5	16.0	4.04	1.19	.915	
16	.915	1.97	.793	12.3	33.8	6.55	29.1	14.7	3.72	1.26	.980	
17	.852	3.27	1.05	12.3	29.3	5.92	32.6	17.3	3.88	1.26	.852	
18	.915	2.62	1.40	12.9	27.2	5.71	31.2	19.0	3.88	1.33	.852	
19	1.40	2.43	1.48	19.2	19.7	5.31	28.4	14.9	3.88	1.40	.738	
20	1.40	2.87	1.48	34.7	9.73	4.74	24.3	12.5	3.57	1.26	.793	
21	1.48	4.92	1.48	32.6	9.73	4.74	20.5	11.0	3.13	1.19	.738	
22	1.72	3.27	1.48	30.5	9.73	4.92	17.7	9.31	2.62	1.26	.685	
23	1.26	2.74		20.5	8.67	4.21	17.9	8.03		1.26	.685	
24	.793	2.33		12.5	7.82	4.04	16.8	7.82		1.26	.685	
25	.589	1.72	2.87	10.6	7.61	4.21	15.8	6.98		1.40	.738	
26	.546	1.56	2.87	21.0	7.19	4.04	17.3	6.13		1.26	.738	
27	.507	1.64	2.74	19.7	7.19	3.88	19.0	5.71	1.33	1.33	.738	
28	.915	1.89	1.97	17.1	8.88	5.92	18.4	5.92		1.40	.793	
29	1.97	1.56		13.8	16.6	10.8	15.8	5.11		1.40	.915	
30	1.97	1.48		12.7	26.8	14.9	15.5	4.92		1.33	1.19	
31	1.64				19.5	17.7		5.51		1.33	1.26	
MCY	1.07	2.03	1.53	11.6	14.0	9.50	20.7	14.3	3.69	1.31	.990	

STATION : TCGO

MCNO

AMOU

GLEI

NUMERO : 474C0510

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			4.74	1.08	25.5	70.0	18.8	12.4			.980	.990
2			4.65	.916	29.2	68.2	17.6	13.5			.915	.915
3			5.21	.795	34.9	46.6	16.7	14.0			.852	.793
4			4.83	.739	31.1	26.2	16.2	14.2			.852	.685
5			4.04	.691	28.6	23.7	15.3	13.5			.793	.636
6			4.29	.613	27.0	22.2	15.4	13.4			.793	.636
7			4.29	.546	40.9	20.8	14.2	12.6			.793	.589
8			4.04	.548	51.7	19.5	13.7	12.1			.793	.546
9			3.72	.488	61.0	18.8	13.3	11.1			.793	.507
10			3.72	.711	54.9	21.4	16.4	13.5			.793	.507
11			4.12	1.72	53.6	22.1	17.5	11.0			.793	.507
12			4.04	2.03	57.4	21.7	17.8	9.31			.793	.470
13			4.29	2.90	55.3	24.2	27.7	9.20			.738	.470
14			4.47	4.48	55.1	28.4	36.9	8.78			.793	.437
15			6.24	5.41	52.4	28.4	47.4	7.82			.793	.406
16			6.34	5.41	56.3	30.1	60.6	7.40			.793	.406
17			4.65	7.50	60.6	31.2	38.7	6.55			.793	.589
18	.980		3.49	10.7	75.9	32.7	31.3	5.82			.738	.546
19	1.26		2.94	19.0	77.8	37.4	27.8	5.51			.738	.636
20	1.33		2.29	21.0	82.2	37.1	25.9	5.41			.738	.546
21	1.26		1.89	25.0	96.6	36.7	25.2	5.02			.793	.470
22	1.26		1.52	26.7	106.	32.9	23.9	5.41			.852	.437
23	1.12		1.22	26.2	110.	27.7	21.9	5.52		1.05	1.33	.437
24	1.19		1.15	25.7	104.	24.3	19.9	9.20		1.05	1.05	.437
25	1.26		1.15	25.2	103.	21.9	17.7	13.8		1.05	.980	.437
26	1.12		.852	29.3	98.3	20.7	16.3	10.6		1.05	.852	.437
27	1.26		.854	33.8	105.	28.4	15.4	9.52		1.05	.738	.437
28	1.33		.766	28.4	113.	28.0	14.2	9.20		1.05	.685	.437
29	1.26		.884	28.5	92.8	26.9	13.2	7.40		1.05	.636	
30	1.33		1.68	27.0	80.1	24.0	12.9	6.76		.980	.636	
31	1.26		1.22		74.2	20.3		6.87		.980	.636	
MCY	1.12		3.19	12.1	67.6	29.8	22.3	9.56	5.00	1.94	.815	.548

STATION : TCGO

MCNO

AMOU

GLEI

NUMERO : 47400510

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.400	.589	1.52	6.47	12.1	18.0	34.7	29.9	7.08	2.24	1.33	.738
2	.356	.546	.950	5.36	10.6	28.9	31.9	27.2	6.55	2.20	1.33	.793
3	.379	.546	.766	3.21	8.25	62.4	28.0	31.9	6.03	2.15	1.26	.793
4	.356	1.56	.685	2.68	6.55	21.3	25.7	29.1	5.51	2.06	1.26	.793
5	.335	1.48	.887	7.83	5.51	16.8	30.7	23.0	5.31	2.02	1.19	.852
6	.318	.980	.766	8.67	5.12	14.5	30.6	20.3	5.02	1.97	1.19	.793
7	.318	.685	1.41	5.52	19.5	12.5	31.5	19.1	4.74	1.97	1.19	.738
8	.335	.636	1.01	3.80	13.8	12.1	29.8	29.0	4.38	2.02	1.19	.738
9	.437	.546	.795	4.53	14.8	37.5	34.6	20.1	4.38	2.54	1.19	.738
10	.507	.852	.795	5.82	31.9	23.2	33.2	23.7	8.04	2.57	1.12	.738
11	.546	.738	.795	5.02	17.8	24.9	67.3	21.2	6.04	2.33	1.19	.685
12	.437	.738	.739	4.38	17.4	55.7	33.0	30.9	5.12	2.06	1.19	.685
13	.379	.980	1.37	4.31	42.6	57.2	27.6	24.1	4.65	1.97	1.12	.915
14	.589	.685	1.08	6.87	29.3	50.6	26.1	22.5	4.04	2.24	1.12	.852
15	.636	.738	.852	6.66	19.0	37.5	24.6	18.6	4.48	1.97	1.12	.980
16	.589	.793	.826	5.42	15.2	30.2	32.8	16.4	4.31	1.89	1.26	.852
17	.470	.852	.915	4.13	16.6	27.8	25.4	15.1	3.72	1.89	1.33	.738
18	.546	.961	.739	3.64	14.5	25.0	33.3	13.9	3.49	1.80	1.19	.685
19	.470	.916	.664	3.07	23.5	53.3	26.6	12.8	3.34	1.72	1.12	.636
20	.546	.739	.715	3.43	17.2	59.2	24.2	14.8	3.81	1.72	1.05	.636
21	.507	.636	1.65	7.19	16.4	76.7	35.1	12.0	3.57	1.56	.980	.589
22	.437	.636	1.19	5.41	17.5	69.1	23.4	17.4	4.08	1.33	.980	.546
23	.437	.591	2.30	6.87	30.7	63.8	41.5	13.7	3.89	1.48	.980	.546
24	.437	.548	2.06	6.66	22.5	64.9	33.2	11.2	3.27	1.56	.915	.546
25	.379	.852	1.48	7.29	18.5	50.0	27.9	10.2	2.93	1.48	.915	.546
26	.437	.711	1.29	5.22	16.5	52.3	23.7	9.41	2.74	1.48	.915	.507
27	.470	.685	1.08	12.0	13.9	43.0	33.2	9.31	2.62	1.48	.915	.507
28	1.19	.685	1.19	17.0	12.1	35.7	32.0	10.1	2.52	1.48	.852	.470
29	.852	.739	1.41	12.0	10.8	42.0	43.5	8.78	2.43	1.40	.793	
30	.636	.660	3.49	10.9	9.63	68.3	42.3	8.25	2.38	1.40	.793	
31	.546		7.13		21.1	43.1		7.50		1.33	.793	
MOY	.493	.777	1.37	6.38	17.1	41.2	32.3	18.4	4.35	1.85	1.09	.701

DEBIT MOYEN ANNUEL

10.6

M3/S

STATION : TOGO

MCNO

AMOU

GLEI

ALMERO : 47400510

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.507	.738	1.93	.823	17.3	37.4	15.9	42.9	4.92	1.01	1.19	.738
2	.852	.738	1.68	.766	12.4	23.7	13.6	34.0	5.15	3.36	1.48	.685
3	.852	.685	1.52	.823	27.5	27.6	14.8	27.1	5.71	2.07	1.40	.793
4	.636	.546	1.44	.793	33.1	36.5	12.7	24.2	7.19	1.33	1.33	.738
5	.636	.546	1.29	.887	27.6	26.1	12.3	24.5	6.98	2.52	1.26	.685
6	.546	.738	1.19	.823	23.6	36.0	26.1	21.6	5.42	1.33	1.26	.636
7	.507	.636	1.08	1.91	14.6	41.4	26.1	18.4	4.92	1.45	1.72	.685
8	.470	.685	1.01	4.19	22.3	29.5	35.5	20.3	4.65	1.68	1.56	.685
9	.470	.685	.915	2.20	20.1	23.1	33.3	18.1	3.73	1.76	1.48	.636
10	.470	1.19	.823	1.93	43.2	33.5	79.9	19.3	3.14	1.68	1.33	.636
11	.437	.738	.766	2.43	27.9	22.1	36.0	19.1	3.73	1.64	.980	.636
12	.507	.685	.738	2.02	23.9	19.6	35.0	17.1	3.88	1.60	.852	.589
13	.437	.589	.795	10.6	20.5	34.4	27.1	19.7	3.35	1.52	.915	.546
14	.437	.546	1.19	6.98	32.5	38.9	27.4	16.3	2.93	1.68	.980	.546
15	.379	.470	1.08	11.0	21.0	26.2	22.9	13.9	2.87	.823	.915	.507
16	.379	.589	.947	8.46	19.9	24.1	23.0	17.6	2.93	1.64	.980	.470
17	.406	.507	.916	13.6	18.1	21.5	77.6	16.1	2.74	1.68	.915	.437
18	.437	1.05	.739	11.2	16.0	18.9	40.6	13.3		1.52	.852	.406
19	.507	.738	4.36	7.82	14.5	16.7	39.6	11.7		1.44	.852	.589
20	.507	1.64	2.11	12.4	22.5	18.7	30.6	18.3		1.40	.793	.738
21	.507	1.05	1.64	17.1	16.1	31.9	32.2	10.1		1.56	.685	.852
22	.437	2.33	1.44	26.0	13.6	23.8	35.3	11.9		1.98	.738	.793
23	.379	1.89	1.29	16.0	12.0	18.0	29.0	8.67		1.52	.793	.738
24	.356	1.72	1.19	12.8	13.7	15.2	26.2	7.08		1.40	.980	.636
25	.546	2.33	1.22	10.5	29.5	13.6	37.2	8.35		1.33	.915	.636
26	.980	1.56	1.22	10.9	27.6	21.1	27.5	7.50		1.44	.980	.589
27	1.26	1.97	1.26	13.7	43.4	18.7	38.9	7.12		1.37	.915	.470
28	1.72	4.10	.980	11.5	35.2	16.3	30.6	7.29	1.72	1.33	.915	.437
29	1.80	2.65	.947	8.56	27.2	18.8	33.4	10.1	1.72	1.26	.852	.470
30	.980	2.02	.947	8.46	39.8	28.3	32.9	7.29	1.64	1.22	.852	
31	.852		.852		30.3	17.9		6.16		1.19	.738	
MCY	.651	1.21	1.27	7.91	24.1	25.2	31.8	16.3	3.39	1.57	1.05	.621

DEBIT MOYEN ANNUEL

9.62

M3/S

STATION : TOGO

MONO

AMOU

CLEI

NUMERO : 47400510

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.589	2.52	1.56	13.3	38.0	40.6	40.8	63.6	122.	7.08	3.00	1.89
2	.589	1.72	.589	6.98	34.4	33.4	31.4	45.6	75.4	6.98	2.87	1.97
3	.546	1.19	1.33	9.63	76.9	35.7	42.2	39.1	37.2	6.76	2.74	1.89
4	.636	1.64	1.26	10.1	73.3	37.6	29.9	39.7	31.5	6.13	2.62	1.72
5	.589	1.56	1.40	5.92	105.	69.1	88.3	38.8	28.2	5.82	2.62	1.64
6	.915	.685	1.48	5.31	55.2	69.1	72.7	34.8	25.3	5.61	2.62	1.72
7	.852	.589	1.33	4.39	43.8	93.1	74.7	48.9	25.9	5.61	2.52	1.64
8	.738	.636	1.40	3.72	85.4	50.5	48.7	51.9	22.2	6.03	2.33	1.64
9	.636	2.15	1.56	3.96	85.7	104.	39.5	38.2	20.2	5.31	2.52	2.33
10	.685	1.48	.980	8.67	57.8	60.9	56.0	49.1	18.6	5.21	2.43	1.72
11	.636	1.72	.852	19.8	46.6	48.3	46.5	51.6	20.2	5.02	2.43	1.72
12	.738	1.40	1.19	31.2	68.2	139.	55.1	44.8	18.0	5.02	2.43	1.64
13	.636	2.15	2.43	27.5	57.2	88.6	46.4	60.3	16.2	4.48	2.43	1.56
14	.636	4.74	1.40	27.5	70.8	50.3	46.9	44.1	14.9	4.47	2.43	1.56
15	.685	2.43	1.26	50.0	51.0	55.8	44.3	34.7	13.7	3.96	2.43	1.56
16	.685	1.97	1.12	37.2	40.8	44.7	51.1	30.9	21.4	4.21	2.52	1.48
17	.589	1.64	.980	56.4	35.1	41.9	111.	33.9	16.4	3.88	2.43	1.64
18	.589	2.62	.852	59.5	29.4	41.6	50.4	35.1	14.2	3.88	2.33	2.24
19	.738	1.89	.793	36.6	27.5	53.7	40.3	33.9	13.4	3.88	2.24	1.89
20	.636	1.56	.738	29.6	68.2	38.2	90.8	31.6	11.9	3.88	2.24	1.72
21	.738	1.48	.915	14.4	87.4	34.1	47.1	27.0	12.4	3.72	2.33	1.48
22	.636	1.40	2.43	34.1	45.1	38.4	50.8	25.2	12.4	3.57	2.33	1.48
23	.636	1.56	2.24	24.5	65.9	39.5	40.4	32.2	11.7	3.72	2.24	1.48
24	.980	1.64	5.11	21.6	52.2	40.5	36.6	26.4	11.0	3.57	2.15	1.40
25	2.62	1.72	4.38	20.4	38.5	55.2	34.2	27.6	10.2	3.42	2.06	1.40
26	2.43	1.56	4.04	26.8	34.8	40.4	29.8	22.3	9.41	3.27	2.06	1.72
27	.980	1.48	3.00	22.7	37.3	43.1	96.4	20.4	8.88	3.13	2.06	1.40
28	.685	1.48	2.33	20.1	31.6	37.8	61.4	18.5	8.14	3.13	2.06	1.33
29	.589	1.48	8.46	46.5	52.7	33.6	42.9	16.4	7.72	3.13	2.06	
30	1.26	1.72	4.04	33.1	38.0	30.8	87.5	16.9	7.50	3.27	2.15	
31	.980		8.03		72.3	33.6		14.7		3.00	1.89	
MOY	.834	1.73	2.24	23.7	55.0	52.4	54.5	35.4	22.2	4.52	2.37	1.67

DEBIT MOYEN ANNUEL

21.5 M3/S

STATION : TOGO

MCNO

AMOU

GLEI

ALMERO : 47400510

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.33	1.12	1.89	1.89	13.1	12.3	18.7	35.4	23.7	4.47	2.33	1.26
2	2.52	.980	1.72	1.72	12.6	10.1	21.2	14.8	20.8	4.21	2.24	1.26
3	2.43	1.26	1.56	1.64	10.1	8.88	18.6	14.1	29.4	4.12	2.15	1.26
4	1.56	1.64	1.48	1.48	7.08	8.35	16.4	15.0	48.8	4.04	2.15	1.19
5	1.40	6.34	1.48	1.40	5.61	8.03	14.7	11.7	31.9	3.80	2.15	1.19
6	2.15	2.52	1.40	1.72	5.02	18.0	15.4	10.6	26.0	3.72	2.15	1.12
7	2.06	1.89	1.33	1.64	5.02	37.5	13.3	19.5	22.4	3.49	2.15	1.19
8	1.72	1.80	2.62	2.15	5.31	26.1	12.7	15.2	21.6	3.49	2.06	1.12
9	2.33	1.72	1.56	2.15	11.1	21.7	12.1	13.8	20.9	3.49	2.24	1.19
10	2.06	1.56	1.48	1.64	16.8	22.1	10.4	12.3	18.6	3.34	2.15	1.19
11	1.89	1.89	1.40	1.56	23.5	30.1	9.63	10.8	16.2	3.27	2.06	1.19
12	1.72	1.80	1.33	1.56	22.0	25.4	8.35	9.73	15.1	3.66	2.15	1.12
13	1.56	2.33	1.48	7.40	20.8	21.4	8.14	9.20	14.2	4.39	2.06	1.19
14	1.40	4.74	1.48	3.27	20.2	23.1	8.14	9.95	12.5	3.34	1.97	1.56
15	1.40	9.95	1.64	3.72	27.7	20.0	9.10	8.99	11.5	3.27	1.97	1.26
16	1.33	6.34	2.52	3.57	39.2	25.0	8.25	17.1	11.1	3.13	1.97	1.19
17	1.26	3.13	2.62	3.27	27.4	22.5	11.1	14.3	9.73	3.13	1.64	1.19
18	1.26	3.13	2.06	2.62	20.4	27.0	27.3	23.7	9.95	3.00	2.24	1.26
19	1.33	2.74	2.62	2.43	17.7	23.2	20.5	27.1	8.67	2.87	1.97	1.80
20	1.72	2.74	2.15	2.33	16.6	21.5	15.8	56.6	8.46	2.74	1.64	1.33
21	1.40	2.62	2.06	4.92	15.0	20.1	13.3	58.8	7.61	2.62	1.56	1.19
22	1.26	2.43	2.06	6.98	21.6	21.2	11.8	58.7	7.19	2.62	1.48	1.12
23	1.26	2.33	1.72	5.31	15.9	19.6	10.5	51.4	6.98	2.62	1.48	1.48
24	1.26	2.15	1.89	15.2	15.8	17.1	16.3	36.4	6.34	2.62	1.56	.980
25	1.12	2.06	1.56	11.2	13.5	17.5	17.5	30.2	5.92	2.62	1.72	.915
26	1.64	1.89	1.64	6.99	12.5	19.1	12.8	33.3	5.51	2.62	1.89	.915
27	1.48	2.15	1.72	6.45	11.3	16.1	29.7	26.9	5.11	2.62	2.52	.980
28	1.26	4.04	1.64	4.88	10.4	34.1	15.8	45.3	5.11	2.52	1.64	1.64
29	1.19	2.62	2.24	4.83	9.52	32.0	14.2	34.1	4.74	2.43	1.56	
30	1.12	2.15	3.27	4.04	9.10	22.2	14.2	29.8	4.38	2.33	1.40	
31	1.12		2.33		11.0	19.9		25.7		2.33	1.33	
MCY	1.57	2.80	1.87	4.07	15.2	21.0	14.5	26.5	14.7	3.19	1.92	1.22

DEBIT MOYEN ANNUEL

9.11

M3/S

STATION : TOGO

MCNO

AMOU

GLEI

ALMEFO : 47400510

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.80	.980	1.40	8.51	1.29	2.25	4.23	23.5	4.74	.947	.546	.318
2	1.26	1.12	1.05	3.00	2.34	2.06	6.08	18.9	4.56	.915	.546	.335
3	1.12	.980	.980	3.17	1.60	1.72	4.39	16.5	3.88	.852	.793	.318
4	.980	.915	.915	3.02	1.56	1.60	4.51	39.5	2.93	.793	.546	.318
5	.915	.738	.852	1.92	1.37	1.52	16.3	28.5	3.14	.766	.507	.318
6	1.05	.793	.793	2.15	1.22	1.44	14.8	22.4	2.57	.738	.470	.318
7	1.72	1.64	1.26	1.68	1.05	1.44	8.88	18.8	2.57	.711	.470	.318
8	1.40	.980	1.05	1.52	2.27	2.11	12.3	16.3	2.33	.738	.437	.318
9	1.56	.980	3.88	1.41	2.34	2.47	24.6	14.8	2.15	.711	.437	.303
10	1.80	.980	1.72	1.33	7.59	3.02	16.5	15.9	2.34	.711	.437	.318
11	1.80	1.26	1.33	1.19	4.38	6.89	18.8	13.7	1.84	.636	.406	.303
12	5.51	1.26	1.19	1.01	9.98	6.98	23.7	11.3	1.68	.589	.437	.318
13	3.00	1.26	1.40	1.08	7.61	5.96	52.5	8.78	1.68	.589	.406	.318
14	2.15	1.26	1.26	.947	5.41	4.42	53.2	8.25	1.64	1.24	.406	.507
15	1.72	2.24	1.12	1.01	4.31	9.00	31.5	7.50	1.52	.568	.379	.589
16	1.40	2.15	.980	1.85	3.72	11.1	28.6	6.66	1.52	.546	.379	.437
17	1.33	1.26	1.12	1.29	3.34	4.23	28.5	5.92	1.40	.546	.379	.406
18	1.26	1.19	1.26	1.12	2.93	3.80	27.9	5.51	1.33	.507	.379	.356
19	1.19	1.26	1.33	.947	2.74	3.27	35.9	4.39	1.33	.507	.356	.356
20	1.12	1.26	1.12	.947	2.38	2.87	29.0	3.80	1.33	.546	.379	.356
21	1.72	1.05	1.40	.947	2.06	2.60	31.0	3.88	1.26	.589	.356	.335
22	1.26	.980	.980	1.01	1.80	3.32	28.4	3.49	1.19	.589	.356	.318
23	1.40	.915	1.56	1.01	1.72	4.56	38.8	3.14	1.12	.546	.379	.335
24	3.88	.915	1.72	1.77	1.76	4.94	34.4	4.21	1.19	.546	.356	.335
25	1.97	.915	1.72	1.19	1.64	3.80	33.3	18.0	1.64	.589	.379	.335
26	1.56	.915	2.06	.981	1.68	3.35	32.8	13.2	1.33	.546	.356	.335
27	1.33	3.27	2.52	1.01	1.60	14.3	40.3	15.0	1.26	.589	.356	.318
28	1.26	2.06	1.89	.980	1.44	8.46	29.9	12.0	1.19	.546	.335	.507
29	1.19	1.40	1.64	.884	2.02	11.2	24.1	13.6	1.12	.546	.335	
30	1.05	1.64	3.27	1.19	2.06	4.83	22.3	6.76	.980	.546	.335	
31	.980		5.71		1.85	4.21		5.71		.546	.335	
MCY	1.67	1.28	1.63	1.67	2.87	4.64	25.3	12.6	1.96	.656	.419	.355

DEBIT MOYEN ANNUEL

4.59

M3/S

Code : 47 40 10 03

bassin versant : 3500 km²

CARACTERISTIQUES DE LA STATION

Station exploitée par l' O.R.S.T.O.M.

Coordonnées : 7° 45' N - 1° 11' E

Cote du zéro de l'échelle : 161 m. environ , en nivellement I.G.N.

Accès : près d'Anié, station de pompage de la gare.

Installations :

Une première échelle de 7m. a été installée le 10 septembre 1953 sur la paroi extérieure de la tour de pompage de la gare.

Cette échelle a été remise en état, avec des modifications de cote du zéro, en 1961, décembre 1963, février 1964, et juin 1972.

Lectures :

Deux lectures par jour de bonne qualité, à 6 heures et 18 heures.

Bien qu'ils soient encore faits aujourd'hui, les relevés de hauteurs d'eau n'ont été transformés en débits que jusqu'à l'année 1965-66, faute de jaugeages à partir de ces dates. Il devenait onéreux, en effet, d'effectuer des jaugeages simultanément à cette station et à la station d'Anié-Pont C.F.T., implantée en 1964, et dont la surface de bassin n'est supérieure que de 130 km² à celle du bassin d'Anié-gare. La station d'Anié C.F.T., avec son limnigraphe, remplace désormais la station d'Anié-Gare, pour la connaissance du régime de l'Anié.

Jaugeages - Courbes de tarage :

Trois courbes de tarage ont été retenues. La première allant du début des observations jusqu'au 31 Décembre 1960; la seconde jusqu'au 29 Février 1964 et la dernière pour les années 1964-65 et 1965-1966.

Trente et un jaugeages ont été effectués à Anié-gare, entre le 11-9-1953 et le 27-4-1966. Ces jaugeages sont compris entre 0 et 153 m³/s (le 29-9-1963, cote de 3,75 à 3,63 mètres) .

CARACTERISTIQUES DU BASSIN

Hypsométrie :

de 844 à 400 m.	31,5 %
400 à 300	40,0
300 à 200	23,9
200 à 161	4,6

Altitude moyenne : 390 m.

Relief et Géologie :

Le bassin dissymétrique par rapport à la vallée de l'ANIE, est beaucoup plus étendu sur la rive droite que sur la rive gauche, grâce aux affluents provenant des Monts Togo (Akposso, Adélé et Fazao).

La vallée de l'ANIE et les affluents de la rive gauche sont installés sur des gneiss donnant un relief peu accidenté alors que les quartzites (avec quelques micaschistes) constituent la zone montagneuse de l'ouest.

Répartition géologique des terrains :

65 % de gneiss du Dahoméen

30 % de quartzites

5 % de micaschistes et divers

Végétation :

Savane boisée dans la plaine et le Fazao. Lambeaux de forêt dans l'ouest du bassin (Akposso et Adélé). Ailleurs : savane arbustive.

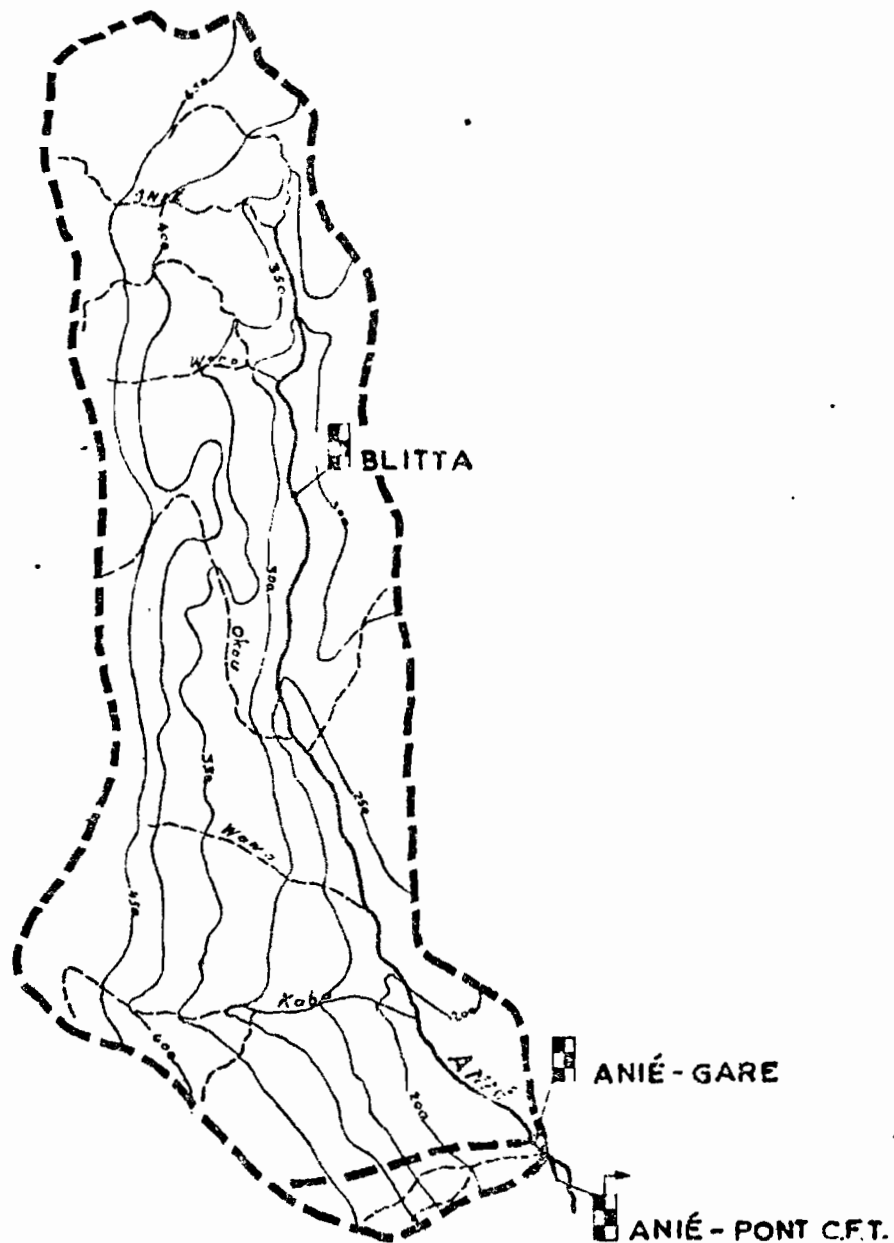
ANIÉ A ANIÉ-PONT C.F.T.

BASSIN VERSANT = 3630 Km²

ANIÉ A ANIÉ-GARE

BASSIN VERSANT = 3500 Km²

NORD



Echelle: 1:750.000

145

ORSTOM

COMPLÉMENTS: 19-11-73
DATE: 6/5/69

DESSINÉ: M. Sossah

T 259 H

STATION : TUGO

MONO

ANIE

ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1953-1954 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1								66.8	5.76		.165	.309
2								34.9	4.80			.309
3								25.1	3.93			.165
4								21.5	3.17			.165
5								18.7	2.50			.165
6								16.3	1.92			.094
7								17.1	11.4			.094
8								34.9	7.41			.082
9								25.3	4.37			.082
10							60.4	39.7	3.17			.041
11							58.8	31.6	2.50			1.69
12							37.1	25.1	1.92			2.83
13							28.9	20.6	1.45			3.55
14							60.1	25.2	.952			2.21
15							55.7	23.3	.572			1.45
16							92.4	18.7	.309			1.45
17							43.7	15.6	.165		.165	.952
18							29.9	15.3	.094		.094	.952
19							65.7	13.8	.041		.082	.572
20							150.	10.6			.041	.572
21							76.7	13.8			4.80	.441
22							46.1	12.2			5.76	.309
23							42.2	10.6			4.37	.309
24							42.0	12.2			3.93	.165
25							28.9	12.2			3.17	.165
26							52.8	9.24			2.50	.094
27							37.1	6.83			1.92	.094
28							27.0	5.76			1.45	.082
29							23.3	8.61			.952	
30							22.4	8.61			.572	
31								6.83			.309	
MOY							53.8	19.6	1.92		1.06	.693

STATION : TOGO MONO ANIE ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1954-1955 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.082	.394	.572	3.17	21.7	9.92	11.1	14.1	14.5	3.02	2.62	.060
2	.041	.041	.309	4.37	12.4	6.50	12.8	10.6	12.0	2.75	2.50	.060
3	.041	.041	.309	7.41	9.41	9.91	20.2	10.6	10.3	2.50	2.50	.050
4		.041	.165	5.76	10.2	6.83	9.78	11.3	8.73	2.26	2.37	.050
5		2.83	.165	4.80	7.65	6.19	4.71	10.1	7.63	2.03	2.26	.050
6		6.29	.094	3.93	8.49	5.46	21.1	9.98	6.72	1.92	2.14	.050
7		4.37	.094	3.17	11.9	4.53	18.7	10.7	5.97	1.82	2.03	.041
8		3.17	.041	2.50	59.2	3.20	12.5	9.78	5.37	1.72	1.92	.041
9		2.50	.041	12.3	47.5	3.24	9.25	24.0	4.98	1.54	1.72	.041
10		2.21	.041	3.98	19.7	13.2	7.99	137.	4.80	1.54	1.54	.041
11		1.69	.000	2.83	17.0	8.61	10.2	164.	4.18	1.45	1.34	.041
12		1.20	.000	2.21	13.8	6.41	18.9	71.4	3.93	1.34	1.14	.041
13	.005	.952	.000	1.69	17.0	6.83	11.4	69.6	3.62	1.24	.786	.041
14	2.69	.572	.000	1.20	17.9	12.2	18.1	46.4	11.0	1.14	.572	.041
15	3.17	.441	.000	.952	12.8	20.2	18.0	61.6	10.8	1.04	.453	.000
16	2.50	.309	.000	.572	11.5	11.1	19.4	79.7	7.41	.952	.400	.000
17	1.92	.165	.000	.572	9.38	8.61	22.3	61.3	28.0	.867	.271	.000
18	1.45	.165	.005	.309	7.52	7.63	19.5	116.	29.5	.826	.209	.000
19	.952	4.85	.011	.309	9.89	6.18	17.8	75.9	15.5	9.92	.165	.000
20	.952	8.61	.017	.880	6.29	5.46	13.8	45.1	10.6	7.87	.150	.000
21	.572	6.87	.024	2.83	22.0	5.37	10.9	33.8	8.11	7.16	.135	.000
22	.572	4.80	.032	4.37	12.0	5.57	31.9	28.7	6.94	6.72	.135	.000
23	.309	3.93	.041	6.87	8.49	8.65	35.8	24.9	5.77	6.07	.121	.000
24	.309	3.17	.045	4.37	6.40	5.37	35.9	21.3	5.17	5.87	.121	.000
25	.165	2.50	.050	12.2	5.46	4.62	24.2	18.7	4.80	5.66	.107	.000
26	.165	1.92	.060	8.61	4.89	3.93	20.8	16.6	4.27	4.99	.094	.000
27	.094	1.45	.237	11.4	5.09	5.37	22.9	14.8	3.93	4.71	.094	.000
28	.094	1.20	1.44	16.3	8.75	4.71	23.3	13.5	3.69	4.10	.082	.000
29	.082	.952	2.83	13.8	16.7	6.10	19.9	17.3	3.17	3.69	.082	
30	.082	.572	3.93	34.1	7.64	5.10	17.8	23.7	3.02	3.24	.071	
31	.041		3.17		5.57	4.55		17.5		2.75	.060	
MOY	.532	2.26	.448	5.93	14.0	7.15	18.0	41.0	8.48	3.31	.909	.039

DEBIT MOYEN ANNUEL : 8.57 M3/S

STATION : TOGO MONO ANIE ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1955-1956 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.209	.107	.309	63.0	73.4	57.7	199.	27.2	1.54	.453	.209
2	.000	.165	.088	.427	28.9	61.6	111.	247.	24.4	1.34	.400	.209
3	.000	.135	.076	.541	29.5	47.5	64.6	144.	21.1	1.19	.353	.184
4	.000	.150	.071	.869	39.8	40.0	61.9	141.	20.1	1.09	.271	.194
5	.000	.150	.107	1.05	64.3	68.0	102.	124.	19.7	1.29	.237	.184
6	.000	.209	.142	1.98	30.3	35.1	135.	94.7	18.5	1.14	.237	.165
7	.000	.237	.157	8.91	29.6	34.3	233.	140.	12.3	1.54	.209	.165
8	.000	.209	2.11	3.98	28.3	31.4	168.	94.1	10.5	3.18	.184	.165
9	.000	.184	3.98	2.26	21.9	28.9	125.	92.6	9.51	3.24	.165	.150
10	.000	.184	1.54	2.37	64.6	29.7	474.	68.2	8.99	3.02	.165	.150
11	.000	.165	1.34	4.10	29.9	30.0	216.	59.9	8.23	2.69	.150	.135
12	.000	.165	1.98	3.77	26.6	22.6	192.	48.9	7.28	2.03	.150	.135
13	.000	.150	1.40	47.6	23.5	48.9	143.	85.0	6.50	.869	.150	.135
14	.000	.150	.997	10.1	20.8	58.0	143.	37.0	6.07	.710	.135	.121
15	.000	.135	1.68	13.3	24.1	65.5	149.	47.8	5.66	.605	.135	.121
16	.000	.135	1.44	21.0	33.4	35.5	161.	37.9	5.17	.572	.121	.121
17	.000	.121	.954	30.7	46.1	34.3	107.	32.2	5.37	.510	.121	.107
18	.005	.107	1.08	13.8	25.3	41.3	408.	29.3	4.44	.453	.150	.107
19	.011	.094	2.48	13.0	37.6	25.7	196.	28.5	3.93	.453	.165	.094
20	.017	.082	.748	17.8	23.5	23.3	225.	28.3	3.46	.427	.165	.094
21	.000	.071	.510	9.65	24.4	26.2	126.	26.6	3.17	.376	.135	.094
22	.000	.050	.748	8.03	26.3	19.4	354.	24.0	2.89	1.01	.135	.082
23	.572	.041	.867	14.1	33.8	124.	217.	21.8	2.62	1.45	.121	.082
24	.309		.541	36.5	37.6	120.	266.	19.5	2.75	1.39	.121	.060
25	.209		.510	24.8	31.1	85.4	237.	17.0	2.89	1.24	.150	.036
26	.400		.400	24.4	24.8	77.8	298.	19.2	2.50	.923	.150	.060
27	.209	1.44	.353	15.6	62.7	53.8	222.	45.2	2.26	.712	.135	.055
28	.150	.259	.309	10.6	111.	108.	242.	59.9	2.03	.610	.135	2.65
29	.121	.455	.290	8.86	98.3	244.	140.	84.9	1.92	.512	.135	1.39
30	.094	.157	.240	63.6	56.0	111.	101.	52.1	1.72	.403	.121	
31	.071		.209		64.8	62.7		33.3		.353	.121	
MOY	.097	.261	.885	13.8	40.7	60.2	189.	72.0	8.44	1.19	.180	.257

DEBIT MOYEN ANNUEL

32.2 M3/S

STATION : TOGO MONO ANIE ANIE GARE

NUMERO : 7401003

DEBITS MOYENS JOURNALIERS EN 1956-1957 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.952	.209	.005	.826	.572	.786	6.18	4.71	.710	.094	.011	.000
2	.786	.165	.005	7.58	.481	.639	2.42	18.6	.572	.076	.005	.000
3	.639	.150	.000	3.40	1.14	.572	2.09	22.5	.510	.101	.005	.000
4	.453	.135	.011	1.04	1.29	.453	1.45	22.9	.353	.094	.005	.000
5	.309	.121	.011	.381	30.5	.453	1.24	32.4	.510	.101	.000	.000
6	.271	.121	.005	.400	51.1	.353	1.29	45.0	.271	.290	.000	.000
7	.237	.121	.017	5.27	9.51	.309	4.56	30.1	.209	1.03	.000	.000
8	.209	.135	.017	1.69	7.75	.353	9.25	21.9	.184	.381	.000	.000
9	.184	.135	.024	8.27	4.80	.952	7.87	21.5	.209	.150	.000	.000
10	.165	.121	.024	2.21	2.38	.572	5.93	24.1	.271	.128	.000	.000
11	.165	.107	.032	.954	2.03	.639	16.0	18.0	.209	.107	.000	.000
12	.135	.107	.032	.776	1.92	.510	8.49	17.3	.165	.101	.000	.000
13	.121	.107	.024	2.57	2.44	.572	6.83	17.3	.150	.101	.000	.000
14	.121	.094	.024	1.44	1.49	.353	18.6	9.29	.135	.088	.000	.000
15	.107	.094	.017	.869	1.24	.309	11.7	10.2	.094	.094	.000	.000
16	.121	.041	.017	.909	1.04	.309	9.25	7.99	.082	.094	.000	.000
17	.952	.024	.011	.572	.952	1.00	8.36	5.66	.121	.088	.000	.000
18	.353	.060	.017	.572	.748	2.32	10.8	4.89	.107	.095	.000	.000
19	.271	.060	.011	.679	.639	2.09	16.8	4.36	.071	.082	.000	.000
20	.400	.050	.017	1.20	.605	1.68	9.91	3.55	.094	.065	.000	.000
21	.271	.050	.017	32.9	.605	1.09	8.23	2.76	.060	.065	.000	.000
22	.309	.041	.011	21.1	.512	.581	23.2	2.89	.237	.060	.000	.000
23	.400	.024	.005	12.7	.453	2.50	39.5	2.82	.107	.060	.000	.000
24	.309	.024	.005	10.0	.427	2.20	19.6	2.15	.107	.083	.000	.000
25	.237	.094	.005	6.00	6.32	1.98	11.7	1.49	.165	.121	.000	.000
26	.184	.060	.024	4.37	4.79	1.45	9.12	1.24	.107	.071	.000	.000
27	.184	.121	.512	2.50	3.17	1.14	5.77	1.14	.107	.024	.000	.000
28	.165	.005	1.40	1.70	1.87	2.49	4.71	.952	.094	.017	.000	.000
29	.572	.005	1.53	1.14	1.34	3.10	5.97	.961	.082	.021	.000	
30	.271	.005	3.41	.876	.904	9.06	7.77	1.10	.107	.017	.000	
31	.237		1.98		.909	10.2		.786		.014	.000	
MOY	.326	.086	.297	4.50	4.64	1.65	9.82	11.6	.207	.126	.000	.000

DEBIT MOYEN ANNUEL

2.78 M3/S

STATION : TOGO MONO ANIE ANIE GARE
 NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.312	81.9	23.5	154.	51.6	48.6	6.08	.952	.572
2	.000	.000	.000	28.3	27.4	56.8	79.8	36.6	78.9	7.87	.867	.572
3	.000	.000	.055	9.52	19.0	31.7	80.4	39.8	54.4	15.5	.710	.453
4	.000	.000	.028	3.95	53.3	23.8	70.5	77.8	78.1	14.3	.710	.453
5	.000	.000	.128	2.38	130.	112.	102.	72.4	72.5	8.99	1.04	.453
6	.000	.000	.094	1.82	294.	67.0	85.2	234.	42.9	8.23	1.04	.453
7	.000	.000	.114	7.23	179.	47.2	158.	109.	32.4	6.07	1.04	.453
8	.000	.000	.094	35.7	209.	63.7	304.	99.6	27.0	5.66	.952	.353
9	.000	.000	.142	4.90	109.	144.	230.	260.	22.4	4.90	.786	.353
10	.000	.000	.135	8.49	90.1	87.7	169.	220.	18.2	4.18	.710	.353
11	.000	.000	.114	4.90	110.	78.4	246.	182.	18.9	3.93	.710	.353
12	.000	.000	.107	4.38	80.1	51.1	174.	94.4	16.6	3.77	.639	.453
13	.000	.000	.095	3.87	130.	37.7	158.	126.	16.6	3.31	.572	.453
14	.000	.000	.157	12.5	255.	36.0	144.	142.	15.1	2.82	.572	.453
15	.000	.000	.228	23.3	138.	42.9	127.	189.	13.3	2.69	.453	.453
16	.000	.000	.142	4.90	98.5	105.	66.8	130.	12.7	2.50	.453	.453
17	.000	.000	.101	20.2	93.3	95.8	84.2	134.	11.1	2.69	.453	.453
18	.000	.000	.107	12.2	82.4	84.1	119.	101.	9.66	2.43	.702	.453
19	.000	.000	.128	39.6	61.0	113.	148.	93.8	6.39	2.50	.952	.453
20	.000	.000	6.77	83.0	41.2	84.1	72.5	82.6	62.7	1.58	.952	.453
21	.000	.000	3.43	40.8	69.7	75.3	69.7	61.0	99.8	1.45	.952	.453
22	.000	.000	3.20	18.2	48.6	61.8	81.8	74.3	30.4	1.44	.952	.453
23	.000	.000	.954	25.4	78.9	110.	225.	40.1	26.1	1.24	.952	.453
24	.000	.000	1.34	24.4	40.9	64.0	174.	47.2	25.3	.786	.952	.453
25	.000	.000	3.67	8.86	28.7	86.6	86.7	75.0	13.9	.710	.572	.400
26	.000	.000	3.46	7.28	22.2	82.3	135.	55.7	9.13	1.22	.572	.400
27	.000	.000	2.38	5.68	19.5	60.7	103.	47.8	7.19	1.73	.572	2.50
28	.000	.000	1.63	40.3	38.2	60.4	93.8	86.2	5.06	1.48	.572	3.02
29	.000	.000	.753	272.	30.6	208.	94.7	71.6	4.10	1.25	.572	
30	.000	.000	.679	105.	27.0	113.	71.9	60.4	2.11	1.15	.572	
31	.000		.455		25.5	210.		54.6		.831	.572	
MOY	.000	.000	.994	28.6	87.5	81.2	130.	102.	29.4	3.98	.745	.608

DEBIT MOYEN ANNUEL

39.0 M3/S

STATION : TOGO

MONO

ANIE

ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	2.75	.107	.952	.121	4.80	.165	.952	13.8	.748	1.24	.082	.000
2	2.26	.165	.952	.121	4.80	.165	.952	14.6	.639	1.04	.094	.000
3	2.26	.165	.165	.121	4.80	.165	.952	13.0	.541	.867	.082	.000
4	2.26	.165	.165	.121	4.80	.165	.952	10.6	.453	.786	.071	.000
5	2.03	.165	.165	.094	5.17	.165	13.0	8.36	.427	.786	.060	.000
6	2.03	.952	.165	.094	5.17	.165	7.99	6.08	.376	.572	.050	.000
7	2.03	.952	.165	.107	5.17	.165	2.50	5.76	.331	.453	.041	.000
8	1.82	.952	.150	.135	5.17	.165	2.26	3.93	.290	.453	.032	.000
9	1.82	.952	.150	.952	5.17	.165	1.92	3.93	.254	.453	.024	.000
10	2.03	.952	.150	.952	5.76	.135	1.92	43.1	.254	.309	.017	.000
11	2.03	.952	.150	.952	5.76	.135	1.45	31.8	.290	.786	.041	.000
12	1.72	.952	.121	.952	5.76	.309	1.45	14.6	.353	.453	.024	.000
13	1.72	.952	.121	.952	5.76	5.76	1.45	12.2	.376	.271	.017	.000
14	1.45	9.24	.121	.952	3.93	4.80	1.45	9.66	.331	.353	.017	.000
15	1.45	5.76	.121	.952	3.93	3.93	1.45	7.99	.441	.271	.011	.000
16	1.45	5.76	.121	1.24	3.93	2.50	1.45	5.18	.541	.237	.011	.000
17	1.45	5.76	.121	1.24	3.93	1.92	1.45	4.28	.807	.237	.005	.000
18	1.45	5.28	.121	1.24	3.93	1.45	2.50	3.69	1.40	.209	.005	.000
19	1.24	4.80	.094	1.24	2.50	1.45	1.97	3.31	1.01	.209	.011	.000
20	.952	4.80	.094	1.92	2.50	1.45	12.2	2.50	1.54	.134	.005	.000
21	.952	4.80	.094	1.92	2.50	1.45	7.19	2.14	1.49	.184	.005	.000
22	.786	3.55	.094	2.26	2.26	1.45	4.37	1.92	2.09	.184	.011	.000
23	.786	.952	.094	2.50	2.26	1.45	16.3	1.82	3.62	.165	.011	.000
24	.786	.952	.094	2.50	.572	1.45	14.7	1.68	1.88	.150	.005	.000
25	.786	.952	.094	2.50	.572	1.45	53.0	1.40	1.40	.150	.005	.000
26	.107	.952	.082	2.50	.572	1.45	28.9	1.19	1.19	.135	.000	.000
27	.107	.952	.082	2.50	.572	.952	26.0	1.04	1.04	.135	.000	.000
28	.107	.952	.082	2.50	.453	.952	20.6	.952	.954	.121	.000	.000
29	.107	.952	.082	4.80	.453	.952	19.2	.997	.710	.094	.000	.000
30	.107	.952	.082	4.80	.453	.952	13.4	.867	1.59	.094	.000	.000
31	.107		.082		.165	.952		.826		.082	.000	
MOY	1.32	2.19	.172	1.44	3.34	1.25	8.87	7.53	.912	.376	.024	.000

DEBIT MOYEN ANNUEL

2.29 M3/S

STATION : TOGO MONO ANIE ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.605	.403	.353	.961	11.4	9.54	145.	3.39	.952	.107	.017
2	.000	.427	.376	.290	18.2	13.0	27.1	66.3	2.96	.867	.094	.011
3	.000	.403	.273	.237	7.99	9.12	27.8	46.7	2.96	.786	.082	.011
4	.000	3.21	.331	.223	5.76	6.50	48.9	61.5	5.65	.786	.071	.000
5	.000	1.25	.254	.223	4.85	5.46	24.2	35.9	5.47	.710	.094	.011
6	.000	.788	.271	.223	2.89	5.18	120.	28.9	3.62	.572	.071	.011
7	.000	.541	.237	.209	2.76	3.93	98.7	24.8	3.02	.400	.071	.005
8	.000	.355	.209	2.11	3.72	3.47	85.4	21.7	2.43	.510	.050	.011
9	.000	.290	.209	1.72	8.30	2.62	94.7	17.8	1.98	.400	.041	.011
10	.000	.237	.184	1.15	20.7	2.05	68.2	59.8	1.68	.353	.107	.011
11	.000	.211	.374	.786	13.4	1.98	103.	33.6	1.40	.309	.082	.011
12	.000	.167	1.72	.674	18.7	.788	107.	77.2	1.14	.309	.071	.011
13	.000	.128	1.34	.541	19.1	.541	47.5	47.0	.997	.353	.041	.011
14	.000	.121	1.34	.427	15.5	.427	34.1	37.8	.952	.400	.041	.011
15	.000	.107	.826	.353	11.4	.331	28.9	23.5	.909	.271	.071	.005
16	.000	.914	.572	.290	7.89	.331	45.5	19.7	3.72	.786	.050	.005
17	.000	.541	.997	.569	5.37	.612	34.3	16.5	1.59	.271	.032	.005
18	.000	.376	.748	.512	4.62	.909	124.	21.5	4.65	.237	.024	.005
19	.000	.353	.641	.331	4.89	.867	89.9	15.1	2.34	.237	.024	.000
20	.000	.381	2.91	.309	2.96	.867	54.4	12.8	1.72	.209	.011	.000
21	.000	1.03	2.56	.271	7.99	.786	50.0	11.1	1.29	.209	.011	.000
22	.000	.831	1.93	7.52	9.06	.748	35.3	8.61	1.04	.165	.011	.000
23	.123	.441	1.40	8.36	10.8	.710	30.8	18.7	.909	.150	.005	.000
24	.150	.679	1.14	3.93	27.9	.748	29.1	12.0	.867	.150	.000	.000
25	.088	.453	.788	3.34	47.6	.786	65.4	11.5	15.5	.135	.005	.000
26	.076	.719	.679	1.82	16.3	.997	107.	10.2	8.75	.510	.032	.000
27	9.39	.462	.512	1.45	18.1	1.88	48.9	8.24	3.48	.453	.011	.000
28	4.19	.240	.748	.952	22.4	1.88	53.9	6.39	2.04	.135	.011	.000
29	2.62	.165	.712	.748	28.0	3.17	123.	4.99	1.59	.135	.011	.000
30	1.34	.481	.453	1.70	18.0	6.46	65.6	4.36	.954	.121	.005	
31	.869		.403		12.7	9.25		3.93		.107	.017	
MOY	.608	.563	.824	1.39	12.9	3.16	62.7	29.5	2.97	.387	.044	.010

DEBIT MOYEN ANNUEL

9.56 M3/S

STATION : TOGO

MONO

ANIE

ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAT	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.290	.172	.017	19.4	86.0	15.5	152.	13.8	1.04	.559	.048
2	.000	.355	.290	.011	13.8	50.2	26.5	191.	13.0	1.04	.483	.040
3	.000	.290	.237	.026	13.5	63.9	35.5	132.	11.2	.952	.410	.045
4	.000	.223	.353	.095	128.	104.	23.0	94.4	15.5	.952	.410	.045
5	.000	15.8	.336	.150	94.6	47.8	17.0	92.1	27.1	.867	.483	.048
6	.000	13.0	.237	.268	16.3	46.1	151.	72.5	15.0	.867	.339	.048
7	.000	2.09	.223	.400	36.2	245.	146.	59.9	11.4	1.04	.204	.045
8	.000	1.24	.187	.273	27.0	74.7	101.	45.0	9.24	1.04	.204	.048
9	.000	.826	.157	.237	21.1	201.	100.	75.6	8.23	.952	.140	.040
10	.000	.512	.142	.237	101.	366.	213.	41.7	6.83	1.72	.140	.048
11	.000	.376	.121	3.84	46.7	182.	113.	35.1	6.39	1.14	.079	.048
12	.000	.271	.150	6.00	58.3	169.	85.2	40.2	5.76	.952	.020	.048
13	.000	3.47	.201	5.61	37.0	101.	182.	30.5	4.99	.867	.140	.048
14	.000	1.45	.157	4.53	33.2	84.6	90.9	37.9	4.62	.786	.079	.048
15	.000	1.53	.142	4.89	25.3	63.2	123.	61.0	4.27	.786	.020	.045
16	.000	.572	.150	5.37	17.8	48.0	124.	50.2	3.69	.710	.030	.033
17	.000	.541	.150	10.3	14.6	257.	80.7	80.9	3.31	.710	.030	.040
18	.000	.331	.107	3.48	12.3	172.	102.	86.1	2.89	.639	.037	.045
19	.000	.271	.094	2.26	10.6	78.4	131.	34.5	2.75	.572	.037	.024
20	.000	.237	.082	7.50	9.92	55.5	294.	30.8	2.62	.510	.043	.013
21	.000	.223	.071	4.99	24.2	50.5	211.	27.9	2.37	.510	.043	.000
22	.000	.165	.071	2.82	14.7	60.7	103.	23.8	2.26	.453	.047	.000
23	15.1	.201	.071	4.80	13.0	42.0	198.	60.2	1.92	.510	.047	.013
24	3.17	.142	.050	15.1	23.3	32.4	79.5	31.3	1.92	.453	.050	.040
25	8.86	.150	.041	26.5	17.1	26.8	64.1	24.9	1.82	.400	.050	.000
26	8.23	.201	.041	28.0	329.	24.0	172.	20.6	1.72	.353	.047	.048
27	7.25	.304	.032	19.4	148.	23.3	215.	38.7	1.63	.400	.047	.048
28	3.40	.240	.024	44.4	101.	20.3	125.	22.0	1.63	.353	.050	.050
29	1.30	.175	.017	27.0	89.2	17.6	114.	18.7	1.45	.309	.050	
30	1.09	.165	.017	21.1	47.5	17.0	104.	19.4	1.34	.165	.048	
31	.254		.024		48.3	15.5		14.5		.165	.048	
MOY	1.57	1.51	.134	8.32	51.3	91.2	118.	56.3	6.35	.717	.142	.039

DEBIT MOYEN ANNUEL 28.1 M3/S

STATION : TOGO MONO ANIE ANIE GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.022	.110	.042	1.11	2.79	1.25	7.73	.717	.045	.000	.000
2	.000	.024	.079	.641	9.82	2.87	.929	37.0	.410	.040	.000	.000
3	.000	.044	.049	1.02	7.03	2.13	.885	21.4	.559	.040	.000	.000
4	.000	.045	.037	1.11	4.18	1.98	.800	15.5	.410	.040	.000	.000
5	.000	.044	.045	1.50	2.29	2.55	.984	9.47	.410	.033	.000	.000
6	.000	.044	.030	1.06	1.60	3.35	1.20	6.84	.339	.033	.000	.000
7	.000	.039	.305	.843	1.81	2.75	.886	5.64	.204	.033	.000	.000
8	.000	.039	23.3	.598	1.76	1.98	3.36	8.37	.204	.033	.000	.000
9	.000	.036	7.65	7.70	1.60	1.76	2.29	12.8	.140	.024	.000	.000
10	.000	.041	3.58	3.50	4.74	1.87	7.53	10.8	.079	.024	.000	.000
11	.000	.048	1.87	2.57	1.87	2.79	5.64	6.18	.020	.024	.000	.000
12	.000	.047	1.55	1.87	1.30	2.62	3.83	5.47	.020	.013	.000	.000
13	.000	.064	1.30	1.40	3.49	2.24	3.30	4.65	.030	.013	.000	.000
14	.000	.046	1.11	1.16	5.82	1.97	5.16	4.05	.020	.000	.000	.000
15	.000	.042	.886	1.16	4.65	1.55	3.62	3.35	.037	.000	.000	.000
16	.000	1.20	.885	1.20	3.97	1.25	6.41	4.19	.043	.000	.000	.000
17	.000	1.11	.717	.929	2.34	1.31	12.0	2.85	.030	.000	.000	.000
18	.000	.929	1.02	.800	7.20	1.35	24.0	2.18	.030	.000	.000	.000
19	.000	.521	1.16	.843	3.97	1.65	11.3	2.08	.043	.000	.000	.000
20	.000	.339	.929	1.11	4.90	1.55	7.53	1.65	.043	.000	.000	.000
21	.000	.237	.886	1.71	5.95	1.92	17.4	1.55	.047	.000	.000	.000
22	.000	.381	.483	1.71	5.91	1.45	9.47	1.35	.047	.000	.000	.000
23	.000	.204	.410	1.71	4.81	1.35	7.94	1.35	.050	.000	.000	.000
24	.000	.140	.305	1.55	1.76	1.20	43.3	1.16	.050	.000	.000	.000
25	.000	1.24	.237	1.30	3.97	1.06	19.9	1.16	.050	.000	.000	.000
26	.000	.973	.204	1.20	4.90	.973	13.0	1.16	.048	.000	.000	.000
27	.000	.973	.140	1.11	3.69	.885	11.0	1.35	.048	.000	.000	.000
28	.000	.079	.079	1.20	3.55	3.30	5.39	1.16	.048	.000	.000	.000
29	.000	.204	.025	1.20	3.62	1.92	4.27	1.16	.048	.000	.000	.000
30	.000	.140	.034	2.10	3.42	1.60	5.48	.885	.048	.000	.000	.000
31	.000		.042		3.22	1.55		.800		.000	.000	
MOY	.000	.310	1.59	1.53	3.88	1.92	8.00	5.98	.142	.012	.000	.000

DEBIT MOYEN ANNUEL

1.96 M3/S

STATION : TOGO MONO ANIE ANIE GARE

ALMEFO : 47401003

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	2.18	.637	26.0	67.7	150.	32.4	9.46	15.0	.559	.079
2	.000	.000	2.28	.637	29.8	85.8	66.0	32.1	8.57	9.69	.559	.079
3	.000	.000	1.76	.483	191.	66.0	71.6	24.1	9.01	6.93	.483	.079
4	.000	.000	.973	.483	52.7	28.7	53.8	64.9	8.36	6.00	.483	.030
5	.000	.000	11.7	.270	31.4	23.4	49.4	59.9	7.32	4.65	.410	.030
6	.000	.000	43.4	.204	24.5	18.7	37.9	31.4	6.74	3.48	.410	.030
7	.000	.000	37.9	.079	24.5	16.3	50.5	29.1	6.36	2.97	.410	.043
8	.000	.000	34.6	.339	23.0	17.3	52.2	43.4	6.74	2.61	.339	.043
9	.000	.000	21.9	2.18	18.0	20.5	47.8	69.9	12.0	2.39	.339	.043
10	.000	.000	16.3	2.50	14.3	12.3	46.1	40.7	24.1	2.18	.339	.050
11	.000	.000	7.94	2.73	20.9	8.57	47.8	32.4	17.0	1.98	.204	.048
12	.000	.024	2.61	6.93	38.4	9.15	90.9	30.6	11.0	1.98	.339	.048
13	.000	.040	1.76	6.74	17.3	6.74	105.	27.5	7.53	1.87	.339	.040
14	.040	.000	1.16	12.0	17.7	18.0	97.8	25.2	6.74	1.76	.204	.040
15	.024	.000	.885	9.69	27.1	14.3	112.	67.1	27.5	1.76	.204	.048
16	.024	.000	.717	5.30	24.5	6.55	137.	52.2	12.6	1.55	.204	.048
17	.013	.000	.637	4.19	64.3	9.24	155.	34.2	8.79	1.76	.204	.048
18	.013	.000	.973	1.76	20.1	10.7	126.	24.9	7.32	1.55	.204	.048
19	.024	.000	1.55	2.61	12.3	5.47	74.4	20.9	5.82	1.55	.204	.048
20	.013	.000	1.65	6.74	16.0	6.55	59.9	19.8	5.13	1.45	.204	.048
21	.000	.000	.800	50.5	29.1	29.1	42.3	17.0	4.81	1.35	.204	.040
22	.000	.000	.637	122.	23.4	16.3	83.5	19.4	16.7	1.16	.079	.040
23	.000	.000	.637	59.9	32.4	24.5	47.2	20.1	12.0	1.16	.079	.040
24	.000	36.4	3.76	27.9	21.2	69.4	46.1	18.7	5.82	.973	.079	.040
25	.000	29.4	8.36	18.7	17.7	97.3	30.6	127.	5.30	.973	.030	.048
26	.000	9.46	6.18	16.7	9.93	83.5	28.7	39.0	6.36	.973	.030	.040
27	.000	6.18	22.7	27.9	8.15	50.5	37.9	24.5	5.13	.800	.043	.040
28	.000	2.61	3.48	21.9	7.73	42.3	77.2	19.1	4.04	.800	.079	.040
29	.000	2.28	2.97	14.0	6.93	29.8	53.3	15.3	17.0	.637	.079	
30	.000	2.39	1.16	10.7	6.36	54.4	36.0	13.3	47.8	.637	.079	
31	.000		1.16		117.	44.5		11.4		.559	.020	
MOY	.004	2.96	7.90	14.6	31.4	32.0	70.5	35.1	11.1	2.88	.240	.046

DEBIT MOYEN ANNUEL 17.4 M3/S

STATION : TOGO MONO ANIE ANIF GARE

NUMERO : 47401003

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVP
1	.040	.000	.037	.079	16.2	156.	111.	121.	58.2	3.22	.885	.339
2	1.98	.000	.037	.020	13.6	200.	320.	110.	51.1	3.09	.800	.270
3	1.76	.040	.030	.204	9.24	128.	378.	153.	45.6	3.09	.717	.140
4	.973	.040	.079	.204	6.55	117.	224.	144.	34.6	2.97	.973	.140
5	.204	.024	.079	1.16	5.13	232.	278.	151.	31.0	2.85	1.25	.339
6	.204	.024	.204	1.55	14.3	121.	270.	195.	30.2	2.73	1.25	.339
7	.559	.024	1.76	1.25	13.0	78.9	144.	257.	23.0	2.50	1.16	.270
8	.559	.024	.973	.973	11.7	73.9	122.	122.	20.9	2.39	1.06	.270
9	1.16	.024	1.16	.339	11.7	74.4	310.	290.	18.4	2.39	.973	.204
10	1.16	.024	1.35	.079	46.7	64.9	199.	176.	16.7	2.28	.800	.140
11	.885	.024	.800	.037	101.	79.5	189.	133.	15.0	2.28	.800	.140
12	.800	.024	.637	.483	58.2	76.1	137.	91.5	13.3	2.28	.637	.140
13	.800	.973	.973	.204	28.7	70.5	171.	180.	12.0	2.18	.637	.140
14	.483	.800	.800	.030	63.2	93.8	94.4	115.	10.7	1.93	.637	.140
15	.339	.559	.483	.030	263.	99.0	189.	82.9	9.92	1.07	.637	.079
16	.204	.079	1.25	.043	373.	65.0	95.0	82.9	9.24	1.76	.559	.079
17	.204	.079	.973	.079	147.	40.1	110.	66.6	3.57	1.76	.559	.079
18	.079	.637	.717	.339	163.	51.6	107.	54.4	8.57	1.76	.559	.020
19	.030	.637	.637	.973	209.	47.2	101.	44.5	8.57	1.55	.483	.030
20	.037	.800	.559	.800	127.	61.3	108.	37.0	9.24	1.45	.483	.030
21	.037	.885	.483	.800	66.0	44.5	95.5	41.2	7.94	1.35	.410	.030
22	.037	.800	.483	.483	135.	33.1	163.	89.2	7.32	1.25	.410	.030
23	.037	.637	.339	.483	156.	43.4	255.	122.	3.55	1.25	.410	.027
24	.048	.973	.204	.204	115.	36.4	108.	459.	5.64	1.25	.410	.030
25	.048	.800	.204	.204	247.	86.9	66.0	171.	5.13	1.25	.410	.030
26	.048	.483	.079	51.1	184.	44.0	54.4	140.	4.81	1.16	.410	.037
27	.048	.270	.079	22.7	205.	278.	46.1	88.1	4.34	1.16	.410	.037
28	.013	.079	.037	21.9	508.	256.	255.	78.4	3.90	1.16	.339	.037
29	.013	.030	.037	19.8	360.	253.	202.	61.0	3.62	1.06	.339	.027
30	.013	.037	.020	17.3	186.	345.	200.	56.0	3.35	.973	.339	
31	.000		.204		137.	163.		90.3		.885	.339	
MOY	.413	.329	.506	4.79	128.	113.	171.	129.	16.3	1.91	.648	.125

DEBIT MOYEN ANNUEL

47.4 M3/S

STATION : TOGO

MCNO

ANIE

ANIE GARE

ALMEFO : 47401003

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.059	.199	.087	.362	2.03	22.0	33.1	27.8	2.95	.251	.199	.000
2	.059	.199	.093	.362	1.72	19.7	25.6	26.9	2.81	.251	.484	.000
3	.059	.305	.087	.305	1.72	16.5	22.0	22.9	2.43	.199	.362	.000
4	.059	.305	.087	.251	3.08	15.2	62.7	19.7	2.14	.199	.362	.000
5	.050	.362	.128	.394	3.03	14.2	169.	17.7	3.09	.199	.041	.000
6	.050	.199	.082	.392	6.81	16.3	206.	16.0	2.56	.150	.041	.000
7	.050	.150	.070	.794	4.86	55.2	91.8	14.6	2.03	.135	.032	.000
8	.050	.150	.342	.686	3.10	25.1	172.	15.1	1.77	.120	.032	.000
9	.050	.120	.686	.516	2.14	17.7	205.	13.8	1.72	.106	.032	.000
10	.059	.106	.794	.831	1.72	17.7	206.	12.9	1.62	.093	.032	.000
11	.059	.106	.657	.872	2.37	32.8	164.	10.7	1.52	.093	.032	.000
12	.059	.093	1.62	2.86	5.53	24.5	211.	9.33	1.24	.081	.018	.000
13	.059	.093	1.16	4.86	4.12	26.9	108.	8.17	1.16	.081	.008	.000
14	.059	.070	1.31	5.73	13.7	30.8	76.1	7.93	1.07	.070	.008	.004
15	.050	.070	.870	4.37	33.7	29.7	64.4	7.21	1.07	.070	.000	.095
16	.059	.120	.723	2.76	27.6	20.6	96.7	23.3	.948	.070	.000	.041
17	.070	.120	1.16	2.45	27.8	17.1	134.	12.3	.831	.070	.000	.032
18	.059	.120	1.03	2.82	21.1	15.0	112.	9.07	.831	.070	.000	.008
19	.059	.125	1.51	3.25	14.8	12.5	99.6	9.10	.831	.070	.000	.000
20	.050	.251	2.93	4.72	9.74	18.6	71.6	10.2	.757	.059	.000	.000
21	.050	.093	2.67	5.21	7.95	23.1	68.3	8.18	.686	.059	.000	.000
22	.050	.093	2.93	3.22	6.42	29.3	63.8	6.98	.549	.041	.000	.000
23	.050	.070	2.30	1.68	55.6	15.6	52.7	6.21	.484	.041	.000	.000
24	.059	.070	2.50	2.45	48.3	12.1	38.6	5.29	.484	.041	.000	.000
25	.059	.070	1.62	1.72	33.1	9.33	62.6	5.29	.422	.041	.000	.000
26	.059	.070	1.16	6.11	20.2	23.5	52.5	5.71	.422	.041	.000	.000
27	.362	.059	.951	4.15	16.7	15.2	69.4	5.49	.362	.032	.000	.000
28	.362	.070	.723	2.90	13.8	28.0	61.4	5.29	.362	.032	.000	.000
29	.305	.059	.686	2.26	23.1	29.7	42.8	4.72	.305	.032	.000	.000
30	.199	.093	.423	1.92	45.3	31.7	31.8	4.02	.278	.032	.000	.000
31	.199		.362		24.3	28.2		3.39		.032	.000	
MOY	.093	.134	1.06	2.31	17.0	22.4	95.8	11.5	1.26	.092	.054	.006

DEBIT MOYEN ANNUEL

12.6

M3/S

STATION : TOGO MCNC ANIE ANIE GARE
 NUMERO : 474C1003

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOV	DECE	JANV	FEVR
1	.000	.000	.093	.988	83.5	36.5	45.0	20.6	2.37	.106	.008	.003
2	.000	.000	.070	.620	51.6	37.0	83.8	18.5	2.03	.093	.008	.003
3	.000	.000	.041	1.13	297.	48.3	52.7	21.1	1.82	.093	.008	.003
4	.000	.000	.041	.951	99.9	30.4	39.6	18.7	1.62	.093	.008	.003
5	.000	.000	.032	.549	61.3	28.3	29.3	18.2	1.24	.093	.008	.003
6	.000	.008	.032	.213	52.1	32.9	28.0	21.5	1.42	.093	.008	.003
7	.000	.008	.018	.051	89.9	30.2	25.4	21.3	1.16	.081	.008	.003
8	.000	.008	.008	.199	39.7	26.1	23.4	16.5	1.07	.070	.013	.000
9	.041	.008	.000	.199	33.5	30.6	57.2	13.5	.988	.059	.013	.000
10	.008	.000	.000	.199	70.8	28.0	110.	12.7	.908	.059	.008	.000
11	.000	.000	.000	.107	86.3	20.6	173.	33.5	.757	.059	.008	.000
12	.000	.000	.000	.107	296.	17.8	124.	13.7	.757	.059	.008	.000
13	.000	.008	.000	27.5	197.	22.7	186.	11.9	.685	.050	.008	.000
14	.000	.018	.000	13.4	127.	72.8	125.	10.4	.615	.041	.008	.000
15	.000	.018	.000	21.5	107.	313.	158.	9.20	.548	.041	.008	.000
16	.000	.018	.000	32.6	55.8	136.	171.	8.43	.548	.041	.013	.000
17	.000	.018	.000	10.9	245.	61.6	92.9	7.68	.484	.032	.013	.000
18	.000	.018	.009	7.95	91.8	51.1	83.8	7.33	.422	.032	.003	.000
19	.000	.029	.041	15.4	61.3	40.4	65.7	6.54	.362	.025	.003	.000
20	.000	.107	.032	9.35	51.6	49.4	60.4	5.79	.305	.025	.003	.000
21	.000	.076	.044	36.9	89.8	90.4	93.9	6.48	.362	.025	.003	.000
22	.000	.733	.082	38.2	177.	69.2	71.3	4.91	.305	.018	.003	.000
23	.000	.341	.107	55.4	118.	34.2	48.3	4.28	.251	.018	.003	.000
24	.000	.595	.070	57.0	205.	34.6	45.9	3.85	.199	.018	.003	.000
25	.000	.082	.045	23.3	202.	47.2	39.8	3.69	.150	.013	.003	.000
26	.000	.228	.059	29.5	113.	66.0	33.1	2.95	.135	.013	.003	.000
27	.000	.160	.065	84.3	117.	65.5	28.2	2.75	.135	.013	.003	.000
28	.000	.082	.050	53.8	71.2	111.	23.9	7.48	.120	.013	.003	.000
29	.000	.070	.045	86.4	58.8	185.	30.2	3.71	.120	.013	.003	
30	.000	.107	.036	108.	58.6	94.4	25.0	2.95	.106	.008	.003	
31	.000		.544		57.4	61.6		2.62		.008	.003	
MOY	.002	.091	.050	25.2	112.	63.7	72.4	11.1	.733	.045	.006	.001

DEBIT MOYEN ANNUEL 24.0 M3/S

Code : 47 40 10 09

bassin versant : 3 630 km²

CARACTERISTIQUES DE LA STATION

Station exploitée par l' O.R.S.T.O.M.

Coordonnées : 7° 44' N - 1° 12' E

Cote du zéro de l'échelle : 148,63 m., en nivellement I.G.N.

Accès : Ancienne route Atakpamé-Anié (Pont du chemin de fer togolais C. F. T.)

Installations :

Station ouverte le 20 Juillet 1964, avec 10 mètres d'échelle scellés à l'aval de la pile centrale du pont.

Un limnigraphe O T T X, réduction 1/10, durée de révolution hebdomadaire a été installé à la même date, au même endroit.

• •
•

Cette station a fait l'objet d'études de chimie des eaux et de transports solides (6 et 7 - bibliographie)

L'O.R.S.T.O.M. exploite, en outre, à cet endroit un poste pluviométrique.

Lectures :

Deux lectures par jour à 8 heures et 17 heures 30 - Bonne qualité.

Le limnigraphe enregistre les variations du niveau de l'eau, au dessus de la cote 1,50 mètre à l'échelle.

Jaugeages - Courbes de tarage :

Cinq courbes de tarage ont été retenues entre 1965 et fin 1971. Ce qui témoigne d'un fond relativement instable en basses eaux.

Ces courbes ont été tracées à l'aide de 82 jaugeages avec un maximum mesuré de 250 m³/s, le 18-9-1969 (cote 5,64 à 5,44 m.)

Le débit apparent peut être nul plusieurs mois consécutifs.

CARACTERISTIQUES DU BASSIN

Se reporter à la station de l'Anié à Anié-Gare.

On notera toutefois qu'entre ces deux stations très proches (2 kilomètres environ) se jette un affluent, rive droite, augmentant le bassin de 130 km² et perturbant quelque peu le régime.

Enfin, il faut rappeler que cette station remplace désormais celle d'Anié-Gare pour la connaissance des débits. Les jaugeages aux deux stations étant trop coûteux, et pratiquement inutiles.

STATION : TOGO MONO ANIE ANIE PONT C.F.T.
 NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1						24.4	36.3	28.9	4.59	.544	.346	.000
2						20.5	28.6	29.7	4.19	.630	.229	.000
3						17.5	23.4	24.4	3.61	.544	.136	.000
4						16.0	61.1	21.5	3.42	.464	.067	.000
5						16.0	136.	19.0	3.80	.464	.049	.000
6						16.9	296.	17.2	3.42	.464	.034	.000
7						53.7	80.3	16.3	3.03	.390	.012	.000
8						27.2	138.	16.9	2.84	.304	.021	.000
9						18.4	195.	15.2	2.66	.265	.021	.000
10						19.9	175.	14.3	2.31	.265	.012	.000
11						35.7	124.	12.2	2.31	.229	.004	.000
12						24.7	218.	11.2	1.98	.195	.000	.000
13						30.0	101.	9.67	1.82	.195	.000	.000
14						18.7	72.0	9.43	1.68	.164	.000	.049
15						35.0	60.7	9.19	1.68	.164	.000	.229
16						23.1	83.2	24.7	1.54	.110	.000	.087
17						18.4	120.	14.1	1.40	.110	.004	.021
18						15.7	98.0	11.2	1.28	.110	.004	.012
19						13.8	89.5	10.9	1.28	.110	.004	.004
20						17.8	68.9	11.9	1.15	.087	.004	.004
21					11.9	32.6	54.5	9.91	.925	.067	.004	.000
22					11.9	24.4	55.7	8.72	1.04	.049	.000	.000
23					62.4	16.9	52.9	8.02	.925	.049	.004	.000
24					53.7	13.5	42.3	7.12	.925	.034	.004	.000
25					34.7	11.9	55.3	7.12	.722	.034	.004	.000
26					19.6	27.2	52.9	7.57	.722	.021	.004	.000
27					17.8	16.3	64.9	7.34	.630	.021	.000	.000
28					14.3	21.5	58.6	7.12	.630	.021	.000	.000
29					35.0	26.8	45.6	6.46	.544	.021	.000	
30					44.1	29.7	34.7	5.82	.544	.021	.000	
31					25.3	30.8		4.99		.034	.000	
MOY						23.1	90.8	13.2	1.92	.199	.031	.015

STATION : TOGO MOND ANIE ANIE PCNT C.F.T.

NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.087	1.41	90.3	58.5	54.0	20.7	2.54	.498	.005	.000
2	.000	.000	.034	1.04	44.4	42.4	91.3	17.9	2.29	.422	.005	.000
3	.000	.000	.000	1.29	320.	54.5	60.8	21.7	2.05	.422	.005	.000
4	.000	.000	.000	1.10	96.9	40.8	45.7	18.9	1.82	.422	.005	.000
5	.000	.000	.000	.364	54.0	35.5	33.4	17.3	1.60	.350	.005	.000
6	.000	.000	.000	.131	44.4	37.3	27.2	20.2	1.49	.280	.005	.000
7	.000	.000	.000	.000	86.1	34.0	26.8	21.9	1.29	.203	.005	.000
8	.000	.000	.000	.030	36.0	28.6	24.1	16.5	1.10	.203	.005	.000
9	.012	.000	.000	.137	25.8	39.5	54.1	12.6	1.10	.138	.005	.000
10	.000	.000	.000	.229	73.7	31.0	121.	11.9	.912	.138	.005	.000
11	.000	.000	.000	.137	69.8	21.5	217.	11.9	.912	.203	.005	.000
12	.000	.000	.000	.148	416.	17.9	140.	12.7	.912	.203	.005	.000
13	.000	.000	.000	18.6	225.	23.7	221.	10.0	.824	.203	.005	.000
14	.000	.000	.000	15.5	139.	79.5	142.	8.50	.738	.203	.005	.000
15	.000	.000	.000	19.4	140.	366.	182.	7.44	.656	.203	.005	.000
16	.000	.000	.000	35.6	98.4	161.	190.	6.64	.575	.138	.000	.000
17	.000	.000	.000	13.7	320.	68.2	103.	6.07	.498	.138	.000	.000
18	.000	.000	.000	7.46	101.	55.8	91.7	5.53	.498	.138	.000	.000
19	.000	.000	.000	20.8	68.2	44.8	71.8	5.36	.422	.093	.000	.000
20	.000	.000	.000	21.2	47.2	52.9	62.3	4.85	.280	.083	.000	.000
21	.000	.006	.000	36.7	143.	89.1	101.	4.69	.280	.083	.000	.000
22	.000	.468	.000	38.3	205.	76.2	76.1	4.37	.203	.083	.000	.000
23	.000	.821	.098	21.0	122.	61.4	53.3	4.22	.203	.083	.000	.000
24	.000	.547	.049	58.8	281.	46.7	49.0	3.92	.498	.083	.000	.000
25	.000	.506	.041	23.0	223.	38.2	39.5	3.64	.498	.038	.000	.000
26	.000	.182	.012	31.6	89.9	72.7	38.2	3.50	.498	.038	.000	.000
27	.000	.049	.021	78.8	119.	76.1	30.9	3.07	.498	.038	.000	.000
28	.000	.098	.012	49.2	80.8	134.	26.1	2.94	.498	.005	.000	.000
29	.000	.077	.002	97.7	49.3	215.	33.6	4.07	.498	.005	.000	
30	.000	.098	.000	91.3	74.2	110.	25.9	3.36	.498	.005	.000	
31	.000		.114		60.9	70.4		2.80		.005	.000	
MOY	.000	.095	.015	22.8	127.	73.7	81.0	9.65	.889	.166	.000	.000

DEBIT MOYEN ANNUEL

26.5 M3/S

STATION : TOGO

MONO

ANIE

ANIE PONT C.F.T.

NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.265	.004	8.62	51.9	242.	74.6	24.0	1.64	.025	.004
2	.000	.000	.265	.000	6.47	39.3	118.	63.3	19.2	1.52	.023	.004
3	.000	.000	.825	.000	4.91	50.5	82.6	83.1	16.2	1.41	.021	.004
4	.000	.000	1.41	.000	3.04	127.	78.6	60.7	14.3	1.30	.019	.004
5	.000	.000	.824	.000	2.07	51.2	145.	56.3	12.7	1.20	.019	.004
6	.000	.000	.504	.000	1.41	36.7	134.	43.1	12.6	1.20	.019	.003
7	.000	.000	.325	.000	1.10	26.9	130.	37.8	12.6	1.00	.017	.003
8	.000	.000	.265	.000	.778	20.1	94.4	92.0	11.0	1.00	.017	.003
9	.000	.000	.265	.041	5.30	71.8	110.	57.4	10.1	1.00	.015	.003
10	.000	.000	.265	.016	9.80	71.2	133.	42.9	9.27	1.00	.015	.003
11	.000	.000	.229	.046	5.82	82.3	189.	34.8	9.39	.907	.015	.003
12	.000	.000	.212	.077	4.09	110.	101.	44.8	8.11	.819	.013	.003
13	.000	.000	.098	.049	49.4	107.	71.2	43.3	7.66	.734	.013	.003
14	.000	.000	.058	5.00	20.7	138.	168.	96.5	6.67	.734	.013	.003
15	.000	.000	.016	3.72	15.9	79.8	116.	91.8	6.13	.653	.012	.003
16	.000	.000	.008	7.30	9.21	79.6	98.9	52.1	5.50	.577	.012	.003
17	.000	.000	.000	4.10	5.24	56.0	107.	39.8	5.19	.577	.012	.003
18	.000	.000	.000	3.13	2.77	68.2	89.9	50.1	4.59	.504	.012	.003
19	.000	.000	.000	3.03	95.0	115.	453.	38.3	4.39	.435	.012	.003
20	.000	.000	.000	3.03	92.0	232.	137.	30.1	4.19	.370	.012	.003
21	.000	.000	.000	5.09	24.9	229.	114.	25.2	4.00	.309	.010	.003
22	.000	.000	.000	3.90	33.7	307.	85.6	42.9	3.61	.309	.008	.003
23	.000	.000	.000	5.83	33.7	274.	172.	32.9	3.61	.252	.007	.001
24	.000	.000	.000	2.94	33.8	440.	97.9	28.6	3.23	.198	.005	.001
25	.000	.000	.000	7.38	23.3	279.	147.	20.2	2.86	.198	.004	.001
26	.000	.551	.000	9.44	50.4	209.	92.3	17.4	2.56	.149	.004	.001
27	.000	.247	.000	28.9	19.4	153.	111.	15.9	2.42	.149	.004	.001
28	.000	1.42	.000	19.2	37.0	141.	109.	15.6	2.14	.149	.004	.001
29	.000	.547	.000	14.3	59.5	137.	259.	41.2	2.01	.104	.004	
30	.000	.287	.000	11.7	31.4	326.	99.5	68.0	1.88	.104	.004	
31	.000		.012		72.6	684.		35.7		.062	.004	
MOY	.000	.102	.188	4.61	24.6	155.	136.	47.6	7.74	.663	.012	.003

DEBIT MOYEN ANNUEL

31.6

M3/S

STATION : TOGO MONO ANIE ANIE PONT C.F.T.

NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVR I	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.012	.005	4.59	.577	21.9	171.	41.1	110.	25.9	2.86	1.88	.370
2	.010	.506	3.24	.577	20.8	102.	31.4	89.1	17.7	2.86	1.76	.370
3	.008	1.41	1.55	.577	25.8	104.	85.1	70.2	15.4	2.86	1.76	.309
4	.007	.909	1.31	.504	16.3	142.	37.0	58.6	14.6	7.55	1.64	.309
5	.005	.577	5.32	.435	13.7	68.3	44.5	63.5	14.2	6.89	1.64	.309
6	.005	.402	4.49	.435	12.2	74.9	58.6	74.2	13.5	6.24	1.52	.252
7	.004	.966	4.99	1.88	11.3	65.4	78.8	65.9	12.0	5.61	1.41	.252
8	.004	.311	2.02	.504	10.7	62.3	125.	155.	11.3	4.99	1.30	.252
9	.003	.064	1.36	.370	16.3	41.1	121.	79.1	11.1	4.59	1.30	.252
10	.001	.022	1.00	.504	33.1	76.5	257.	61.1	10.5	4.39	1.20	.252
11	.001	.015	.777	.370	24.7	73.7	108.	53.0	9.87	4.00	1.20	.252
12	.001	.013	.615	.062	19.7	56.9	93.4	50.7	9.27	3.80	.577	.252
13	.001	.008	.402	.504	16.0	63.1	138.	57.0	8.00	3.42	1.00	.198
14	.001	.005	.540	.309	26.6	150.	139.	39.3	7.44	3.23	.907	.198
15	.001	.004	.766	.819	25.0	57.9	227.	30.9	7.00	3.05	.907	.149
16	.001	.008	.821	.504	77.8	45.3	953.	148.	6.56	2.86	.819	.149
17	.001	.007	.540	7.89	42.2	44.4	688.	86.9	6.24	2.49	.819	.104
18	.004	.011	.343	5.51	27.7	44.7	432.	77.8	6.03	1.88	.734	.104
19	.003	.010	.254	4.29	17.9	39.2	502.	57.4	5.61	1.76	.734	.104
20	.001	1.44	1.98	2.66	61.5	31.6	213.	49.4	5.40	2.86	.653	.062
21	.007	1.76	2.37	3.90	33.5	57.7	124.	40.9	5.19	6.24	.653	.062
22	.005	1.15	1.52	4.69	23.2	91.4	99.1	33.3	4.99	5.40	.653	.062
23	.004	7.74	1.00	3.82	17.9	65.2	81.3	30.9	4.79	4.39	.577	.025
24	.003	2.57	.777	4.49	16.2	45.3	78.9	25.8	4.39	3.71	.734	.025
25	.007	.317	.615	3.80	86.3	37.4	178.	23.4	4.19	3.14	.653	.025
26	.005	.021	.469	3.14	43.8	55.9	136.	20.4	4.00	2.86	.577	.025
27	.005	26.4	1.41	2.64	96.4	60.0	132.	18.7	3.80	2.42	.577	.025
28	.005	6.04	.867	4.81	114.	38.2	166.	16.9	3.42	2.14	.504	.025
29	.007	3.71	.540	21.0	129.	28.4	168.	22.3	3.23	2.01	.435	.025
30	.007	2.56	1.10	18.0	126.	28.2	110.	24.5	2.86	2.01	.370	
31	.005		.655		76.4	23.8		25.6		1.88	.370	
MOY	.004	1.96	1.57	3.32	41.4	66.0	188.	56.8	8.62	3.69	.963	.165

DEBIT MOYEN ANNUEL

31.0 M3/S

STATION : TOGO

MONO

ANIE

ANIE PONT C.F.T.

NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.023	.309	2.86	2.57	11.7	130.8	150.	187.	19.8	3.19	1.28	.600
2	.023	.309	2.14	1.95	13.4	82.6	119.	97.0	26.7	3.06	1.28	.521
3	.023	.252	2.01	5.09	41.5	107.9	154.	77.1	21.0	3.06	1.18	.521
4	.023	.252	1.76	4.00	32.4	85.5	122.	71.7	17.5	2.93	1.18	.521
5	.023	.252	1.30	2.78	39.6	220.	146.	142.	15.2	2.93	1.18	.521
6	.023	.252	.907	2.14	70.6	202.8	201.	93.7	14.0	2.80	1.18	.435
7	.023	.252	.734	1.82	62.5	300.8	260.	80.8	12.5	2.80	1.08	.435
8	.021	.504	.734	1.64	58.6	140.6	130.	58.2	11.6	2.67	1.08	.351
9	.021	.309	.653	1.52	76.2	154.2	118.	51.6	10.4	2.54	.981	.351
10	.021	.198	.577	1.30	90.7	102.	148.	57.2	9.49	2.42	.981	.269
11	.021	.104	.577	1.20	59.9	128.3	225.8	46.1	8.62	2.67	.884	.269
12	.021	.370	10.2	9.08	83.9	266.8	237.8	41.0	8.20	2.67	.884	.269
13	.062	.198	5.20	8.00	75.3	108.3	172.8	33.8	7.80	2.67	.884	.269
14	.062	.104	3.71	18.2	125.	103.8	157.	29.1	7.88	2.42	.884	.269
15	.062	.577	2.86	11.1	119.	146.	132.	26.3	6.67	2.29	.790	.189
16	.025	.907	2.56	11.9	64.7	89.7	93.2	23.4	6.11	2.17	.790	.189
17	.734	.504	1.88	29.1	43.7	72.0	195.8	21.7	6.00	2.05	.790	.189
18	.435	1.41	1.41	25.0	46.1	121.	141.	37.5	5.58	1.94	.790	.189
19	.309	1.10	1.20	10.5	35.2	205.	92.4	54.4	5.39	1.82	.790	.189
20	.252	1.00	1.00	10.1	89.0	194.	119.	36.7	5.01	1.71	.790	.112
21	.198	1.00	1.30	6.45	108.	189.	91.9	24.6	4.66	1.71	.698	.112
22	.149	1.20	1.10	15.7	65.7	206.	88.7	20.8	4.66	1.71	.698	.036
23	.370	2.01	11.4	11.3	54.5	194.	69.2	31.5	4.49	1.71	.698	.036
24	.577	1.41	2.78	8.20	62.9	139.	70.2	78.6	4.34	1.60	.698	.036
25	.653	1.10	19.3	5.11	49.2	260.	98.9	116.	6.18	1.60	.698	.034
26	.370	1.00	7.04	4.41	79.7	126.	103.	69.7	4.04	1.60	.698	.034
27	.252	.819	2.63	3.54	65.9	156.	147.	62.0	3.75	1.49	.698	.034
28	.252	.577	1.88	3.06	53.6	115.	129.	39.2	3.61	1.49	.608	.034
29	.734	2.86	2.14	11.6	65.4	82.3	94.5	30.2	3.47	1.39	.608	
30	.370	2.14	1.76	4.58	153.	83.6	315.	25.2	3.33	1.39	.608	
31	.309		1.52		342.	130.		21.7		1.39	.608	
MOY	.208	.776	3.13	7.76	75.4	150.	144.	56.0	8.84	2.19	.871	.251

DEBIT MOYEN ANNUEL

37.7 M3/S

STATION : TOGO MONO ANIE ANIE PONT C.F.T.

NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.034	.112	1.44	1.55	5.11	27.9	101.	100.	27.7	2.75	.529	.036
2	.034	.112	1.13	1.33	17.6	25.6	70.3	74.3	23.5	2.60	.529	.036
3	.034	.112	.981	1.23	11.3	32.1	190.	98.8	33.0	2.35	.441	.036
4	.034	.911	1.13	1.44	7.81	70.0	105.	121.	74.8	2.22	.441	.036
5	.034	2.44	1.30	1.18	5.44	52.9	73.6	69.4	47.8	2.10	.441	.034
6	.034	3.40	2.07	1.08	4.79	37.3	63.1	73.2	32.4	1.98	.441	.034
7	.034	2.54	1.54	.981	11.1	74.7	51.1	136.	40.3	1.86	.356	.034
8	.034	1.82	3.00	.837	12.8	60.6	209.	84.1	42.0	1.86	.356	.034
9	.031	1.44	2.18	2.67	13.4	65.6	783.	75.5	31.7	1.63	.356	.034
10	.031	1.23	1.66	2.00	52.5	75.8	170.	61.3	25.4	1.52	.356	.034
11	.031	1.03	1.44	1.77	52.7	154.	79.2	53.1	21.4	1.41	.273	.034
12	.031	.884	1.23	2.42	54.9	68.2	113.	45.8	18.0	1.31	.273	.031
13	.031	.884	3.13	2.35	36.6	73.4	85.0	49.1	15.9	1.20	.273	.031
14	.031	16.6	3.91	2.00	53.6	152.	274.	49.1	13.6	1.20	.273	.031
15	.031	4.42	3.90	3.69	73.3	173.	109.	86.6	11.8	1.20	.273	.031
16	.031	3.33	12.6	2.29	74.9	139.	94.0	71.5	10.5	1.20	.192	.029
17	.031	2.48	4.28	4.37	59.3	222.	170.	93.7	9.53	1.20	.192	.029
18	.031	24.5	4.24	3.20	46.7	263.	294.	62.9	7.80	1.10	.192	.029
19	.031	8.04	3.62	2.11	63.7	142.	130.	48.7	6.75	1.10	.192	.029
20	.031	1.88	4.19	1.88	41.2	93.9	94.5	121.	6.50	.998	.192	.027
21	.608	1.71	3.68	1.66	151.	97.0	76.5	65.4	6.02	.998	.192	.027
22	.521	1.60	3.26	5.19	124.	72.9	69.4	59.9	5.55	.900	.113	.027
23	.521	1.60	2.86	4.50	113.	77.2	86.5	54.0	5.11	.804	.113	.027
24	.521	1.49	3.47	4.20	53.6	135.	172.	43.4	4.49	.804	.113	.025
25	.435	1.71	2.54	22.1	57.4	92.2	167.	36.2	4.10	.804	.113	.025
26	.435	1.60	2.05	17.1	47.3	96.2	88.9	33.0	3.73	.804	.113	.025
27	.351	2.42	2.73	10.2	36.0	73.4	452.	29.0	3.55	.710	.113	.029
28	.351	1.94	2.42	7.40	30.2	130.	141.	37.3	3.21	.710	.036	.029
29	.269	1.82	2.54	6.02	35.2	108.	104.	54.5	3.05	.710	.036	
30	.269	1.71	2.11	5.47	20.2	96.4	84.6	44.0	2.90	.618	.036	
31	.189		1.82		29.6	76.0		36.9		.618	.036	
MOY	.165	3.19	2.87	4.14	45.1	98.6	157.	66.7	18.1	1.33	.244	.031

DEBIT MOYEN ANNUEL

33.3

M3/S

STATION : TOGO MONO ANIE ANIE PONT C.F.T.
 NUMERO : 47401009

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.029	.027	.031	2.10	1.05	35.4	68.2	76.2	4.90	.529	.015	.000
2	.027	.027	.031	1.69	22.3	23.4	157.	105.	4.49	.529	.013	.000
3	.027	.027	.034	1.58	7.36	12.7	195.	80.4	4.29	.441	.013	.000
4	.027	.027	.031	4.04	3.39	8.82	207.	66.4	4.10	.441	.013	.000
5	.025	.027	.029	2.16	2.16	5.56	135.	57.2	3.73	.356	.012	.000
6	.029	.027	.356	1.52	1.80	4.49	152.	49.3	3.55	.273	.012	.000
7	1.05	.027	.036	.999	1.52	4.21	108.	42.5	3.21	.192	.010	.000
8	.196	.027	.441	.664	1.10	13.4	144.	37.1	3.05	.192	.010	.000
9	.023	.027	.192	.618	.573	19.0	242.	33.6	2.90	.113	.008	.000
10	.019	.027	.034	.529	6.03	37.1	107.	30.2	2.75	.113	.008	.000
11	25.0	.036	.441	.529	4.20	13.4	126.	27.1	2.47	.036	.007	.000
12	4.19	.034	.192	.398	8.68	26.4	143.	24.6	2.35	.036	.007	.000
13	1.20	.031	.192	.192	21.3	43.4	305.	20.0	2.22	.034	.005	.003
14	.852	.029	.192	.192	11.7	45.6	197.	18.0	2.10	.034	.005	.003
15	.710	.029	.036	.192	5.70	41.8	251.	15.9	1.98	.031	.004	.003
16	.618	.029	.034	.113	4.01	43.2	155.	14.5	1.75	.031	.003	.003
17	.618	.029	.237	.113	3.05	26.0	103.	12.8	1.63	.029	.003	.001
18	.529	.029	2.99	.192	2.22	17.8	184.	11.3	1.52	.029	.003	.001
19	.441	.029	1.81	.192	2.10	12.9	174.	10.3	1.41	.027	.001	.001
20	.273	.027	1.10	.192	1.98	7.31	97.6	9.53	1.41	.027	.001	.001
21	.192	.027	.757	.113	1.98	2.60	439.	9.08	1.31	.025	.001	.001
22	.113	.027	.485	.113	1.69	6.79	188.	8.22	1.10	.025	.001	.000
23	.036	.027	.356	.036	1.31	18.0	124.	7.80	.998	.023	.001	.000
24	.034	.027	.273	.036	14.3	15.1	124.	7.53	.900	.021	.001	.000
25	.031	.027	.192	.036	5.68	37.9	119.	10.5	.900	.021	.001	.000
26	.031	.036	.987	.034	2.83	37.3	369.	12.8	.804	.019	.001	.000
27	.031	.031	25.0	.034	1.92	170.	260.	9.84	.804	.017	.001	.000
28	.029	.441	10.8	.034	1.63	119.	125.	9.84	.710	.017	.001	.000
29	.029	.192	4.10	.034	1.63	112.	113.	8.36	.618	.017	.000	
30	.029	.036	2.98	1.75	33.3	148.	78.1	6.62	.529	.015	.000	
31	.029		2.99		6.14	77.4		5.56		.015	.000	
MOY	1.18	.048	1.85	.680	5.95	38.3	173.	27.0	2.15	.119	.005	.001

DEBIT MOYEN ANNUEL

20.8 M3/S

ANIÉ A GLITTA

BASSIN VERSANT: 1372 km²

NORD



Echelle: 1:250 000

168

ORSTOM

COMPLÉMENTS: 19-11-73
DATE: 7/4/65

DESSINÉ: M. Sossah

T 253 H

ANIE A BLITTA

Code : 47 40 10 06

bassin versant : 1 372 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l'O.R.S.T.O.M.

Coordonnées : 8° 20' N - 0° 58' E

Cote du zéro de l'échelle : 280 m. environ, en nivellement I.G.N.

Accès : près de la gare à Blitta

Installations :

Mise en service le 12 août 1962. Echelle de 1,00 à 6,00m. complétée le 22 janvier 1963 par un élément de 0 à 1m.

La batterie d'échelles est très vulnérable, les éléments de 0 à 1 et 1 à 2 m. étant presque chaque année soit emportés par les crues, soit encablés.

L'échelle a été complétée en 1968 par deux éléments de 7-8 et 8-9 m.

°°

Les 15 et 16 Novembre 1972, une deuxième batterie d'échelle, dénommée BLITTA II a été installée 200 mètres en amont de BLITTA I, sur fond rocheux. Les deux échelles sont aujourd'hui suivies simultanément.

Lectures :

Deux lectures par jour à 6 heures et 18 heures.

Qualité médiocre.

L'observateur vient d'être changé récemment.

Jaugeages - Courbes de tarage

Pour le passage à l'ordinateur, trois courbes de tarage ont été retenues. La première est valable pour l'étiage 1962-63, la seconde pour l'étiage 1965-66 et la dernière pour l'ensemble des autres relevés.

Ces courbes ont pu être distinguées grâce à 23 jaugeages.

- maximum jaugé : 38 m³/s le 19-9-65 pour une cote de 1,83 m.
- minimum : le débit peut être nul plusieurs mois consécutifs.

Il est à noter que l'étalonnage est encore insuffisant, et qu'il y a lieu de prévoir des jaugeages chimiques, car l'endroit est trop dangereux pour y effectuer des jaugeages classiques au moulinet.

CARACTERISTIQUES DU BASSIN

Hypsométrie :

654 à 600 m.	2,6 %
600 à 480	19,9
480 à 400	36,9
400 à 360	20,9
360 à 320	16,9
320 à 280	2,8

Relief et Géologie :

Le bassin est très dissymétrique, beaucoup plus étendu en rive droite qu'en rive gauche.

A l'est du bassin, plateau gneissique très érodé et sans grand relief. A l'ouest, massifs de l'Adélé et du Fazac, constitués de quartzites micacés.

Végétation :

Savane buisée de la forêt classée du Fazao. Lambeaux de forêt dans l'Adélé. Ailleurs : savane arbustive.

STATION : TCGO

MONO

ANIE

BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1							58.4	37.6		8.45	.140	.051
2							78.9	14.2				.051
3							24.2	14.9				.046
4							35.8	17.3				.038
5							22.5	14.7				.034
6							16.9	13.4				.030
7							63.2	141.				.026
8							84.1	74.1	8.45			.019
9							52.3	21.4				.034
10							34.1	24.6	11.8			.026
11							35.3	17.2				.042
12							69.8	13.8				.165
13							98.1	16.3				.248
14							65.7	27.0	42.6			.162
15							33.3	34.8	12.6			.156
16							50.9	15.8		11.8		.150
17							46.4	13.6				.140
18							69.4	12.0				.133
19							34.9	11.1				.115
20							19.4	10.1				.115
21							19.1	9.35				.097
22						8.00	25.7	12.7			.177	.080
23						10.7	39.1	9.46			.162	.051
24						37.9	16.8	13.8	12.3		.162	.546
25						30.7	14.9	12.6	8.56		.140	.318
26						27.5	17.0	9.80			.127	.274
27						17.9	74.9	8.79			.127	.248
28						16.0	22.2	8.00			.115	.812
29						57.0	19.9		15.6		.103	
30						26.6	15.2		9.91		.080	
31						148.				.140	.060	
MCY							43.3	21.1			.147	.150

STATION : TOGO MONO ANIE BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.225	.026	.225	.140	2.79	19.0	94.2		9.90		.027	
2	.140	.019	.109	.080	2.00	16.8	170.		7.71			
3	1.77	.012	3.98	.070	1.34	117.	275.		6.47			
4	1.90	.012	1.69	.051	.987	67.8	155.		6.09			
5	4.59	.006	.956	.034	9.12	175.	87.0		6.62			
6	1.45	.006	.593	.026	5.19	29.9	181.		6.65			
7	1.17	.012	1.78	.115	4.25	20.8						
8	.635	.026	.987	.070	3.48	22.1						
9	.333	.026	.618	.070	9.65	19.2	246.	206.				.021
10	.215	.177	1.76	.115	158.	16.3						.021
11	.170	.162	1.94	.103	84.9	38.3	212.		6.54			.021
12	.140	.150	1.58	.140	32.9	17.5		213.				.016
13	.121	.103	.504	.127	11.3	29.6						.012
14	.091	.091	1.17	.103	47.7	26.5						.012
15	.086	.080	.523	.091	229.	24.2						.027
16	.080	.070	.349	.080	39.3	19.7						.027
17	.060	.169	.317	.075	17.3	16.3						.033
18	.051	.075	.261	.034	120.	14.5						.016
19	.026	.091	.194	.713	101.	16.6						.016
20	.019	.311	.150	.602	65.2	14.5						.016
21	.019	.834	.127	1.74	42.4	12.7						.016
22	.012	.227	.127	1.06	26.5	11.7	184.	231.				.012
23	.019	.156	.115	.464	23.4	10.1						.009
24	.019	.115	.103	.241	20.0	9.80		355.				.009
25	.026	.046	.091	.151	84.3	18.8		216.				.006
26	.070	.034	.080	44.6	120.	12.4						.006
27	.060	.026	.070	5.14	80.2	338.	265.					.004
28	.051	.019	.060	1.26	41.8	109.	243.					.004
29	.051	.026	.042	7.36	23.7	233.		17.3				.003
30	.026	.464	.034	4.31	29.7	453.		7.53				
31	.026				19.9	67.1		19.6		.027		
MOY	.440	.119	.665	2.31	47.0	64.4						.017

STATION : TOGO MONO ANIE BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.003	.002	.048	.163	1.88	20.4	11.8	21.8	2.57	.195	.056	.003
2	.003	.002	.065	.149	1.49	12.7	11.5	11.2	2.10	.179	.048	.002
3	.002	.002	.267	.163	1.15	8.20	16.3	10.4	3.37	.163	.027	.002
4	.012	.002	1.88	.244	1.99	14.1	28.9	10.7	3.39	.163	.027	.002
5	.009	.002	.924	.355	1.07	12.7	348.	11.5	2.57	.195	.021	.002
6	.006	.002	.617	.429	3.09	24.6	98.1	10.4	2.45	.149	.016	.002
7	.004	.003	.355	.322	.517	13.4	29.4	10.1	2.10	.149	.016	.002
8	.004	.003	.224	.224	.390	9.11	193.	9.35	1.88	.121	.021	.002
9	.006	.003	8.64	.163	.322	7.99	160.	8.64	1.68	.109	.135	.001
10	.004	.003	6.23	1.07	.163	31.1	157.	6.23	1.58	.109	.085	1.15
11	.003	.003	1.88	.791	4.46	13.1	126.	7.03	1.49	.097	.056	.617
12	.003	.003	.517	.672	2.96	11.2	59.3	6.86	1.40	.097	.040	.267
13	.002	.003	.517	4.46	1.99	9.85	45.9	6.23	1.07	.085	.033	.195
14	.004	.003	2.96	2.70	2.57	37.0	37.0	5.95	1.58	.085	.027	.097
15	.003	.003	1.15	1.23	20.8	55.4	28.3	20.8	1.15	.075	.012	.085
16	.006	.002	.565	1.23	9.35	18.2	114.	10.9	.995	.075	.012	.033
17	.004	.003	.355	1.58	11.8	9.85	66.3	9.11	.856	.065	.012	.016
18	.004	.009	.208	1.78	5.82	7.59	68.4	7.99	.791	.048	.004	.009
19	.006	.006	4.13	1.58	4.80	7.21	54.4	10.9	.672	.040	.003	.006
20	.003	.006	3.09	1.40	4.46	14.8	53.4	6.69	.672	.040	.003	.004
21	.002	.004	3.23	.995	3.52	12.4	66.3	5.82	.565	.040	.002	.004
22	.003	.390	2.57	.730	2.45	9.85	41.4	4.63	.471	.033	.002	.003
23	.003	.224	2.10	.517	6.69	6.38	29.4	4.29	.390	.033	.002	.003
24	.002	.149	1.15	4.46	22.2	5.15	22.2	4.46	.390	.033	.002	.003
25	.002	.121	.656	2.70	7.99	6.69	69.4	5.15	.293	.027	.003	.003
26	.003	.109	.617	3.97	8.20	6.53	27.8	4.63	.293	.027	.003	.003
27	.003	.097	.471	2.21	4.80	5.33	37.0	4.46	.293	.027	.003	.003
28	.003	.097	.390	1.15	6.53	22.7	30.0	4.29	.244	.021	.003	.002
29	.004	.085	.672	1.15	44.1	25.2	24.1	3.67	.224	.021	.003	
30	.003	.065	.390	.924	15.9	19.5	19.1	3.09	.208	.016	.003	
31	.002	.061	.224		27.2	24.6		2.83		.065	.003	
MCY	.004	.047	1.53	1.32	7.44	15.6	69.1	8.07	1.25	.083	.022	.089

DEBIT MOYEN ANNUEL

8.68 M3/S

STATION : TOGO MCNO ANIE BLITTA - GARE
 NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.002	.001	.002	1.54	200.	22.5	50.1		.995	.056	.000	.000
2	.002	.000	.002	.701	46.5	19.8	45.0		.856	.056	.000	.000
3	.002	.000	.002	.436	214.	17.4	50.1		.730	.056	.000	.000
4	.002	.000	.001	.268	50.6	15.3	41.9		.617	.048	.000	.000
5	.002	.000	.001	.186	35.8	16.4	38.8		.565	.048	.000	.000
6	.002	.000	.003	.164	27.0	16.8	30.4		.471	.048	.000	.000
7	.001	.000	.017	.109	34.7	15.3	24.2		.429	.033	.000	.000
8	.001	.000	.092	.071	22.0	14.2	24.7		.322	.040	.000	.000
9	.001	.000	.061	.052	13.7	13.4	23.7		.293	.027	.000	.000
10	.001	.000	.091	.033	9.73	11.4	178.		.267	.021	.000	.000
11	.001	.000	.021	.027	8.54	9.73	229.	4.97	.208	.021	.000	.000
12	.001	.000	.014	.237	190.	9.23		4.63	.224	.016	.000	.000
13	.001	.000	.006	.594	194.	8.76	269.	4.13	.208	.012	.000	.000
14	.001	.001	.003	8.01		7.82	242.	3.82	.208	.004	.000	.000
15	.001	.003	.002	10.2	45.6	50.6	209.	3.52	.179	.003	.000	.000
16	.001	.003	.003	4.55	45.5	43.1		3.23	.163	.002	.000	.000
17	.001	.003	.003	1.94	37.5	30.3		3.82	.149	.002	.000	.000
18	.001	.003	.003	1.68	29.1	19.2		2.83	.135	.003	.000	.000
19	.001	.002	.013	1.58	24.9	15.1		2.57	.121	.003	.000	.000
20	.001	.002	.005	3.41	31.5	33.2		2.45	.109	.003	.000	.000
21	.001	.002	.002	4.47	254.	25.7		2.21	.109	.003	.000	.000
22	.001	.002	.003	7.54	196.	31.9		1.88	.097	.003	.000	.000
23	.001	.002	.003	95.9		19.9		1.68	.085	.003	.000	.000
24	.001	.002	1.70	13.2	182.	15.1		1.49	.075	.003	.000	.000
25	.001	.002	.204	9.99		37.8		1.40	.065	.003	.000	.000
26	.001	.002	.591	27.5	46.0	35.0		1.40	.056	.003	.000	.000
27	.001	.002	.157	180.	42.1	39.6		1.40	.056	.003	.000	.000
28	.001	.002	.193	30.1	38.8	178.		1.31	.056	.002	.000	.000
29	.001	.002	1.60	66.1	31.1	209.		1.31	.048	.002	.000	
30	.001	.002	.793	24.5	28.9			1.31	.048	.002	.000	
31	.001		4.16		25.9			1.07		.002	.000	
MCY	.001	.001	.314	16.5	81.6	40.0			.265	.017	.000	.000

STATION : TCGO

MCNO

ANIE

BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.131	.000	1.66	18.5	143.	18.2	6.59	.554	.039	.003
2	.000	.000	.751	.000	1.50	10.4	110.	28.5	5.47	.511	.039	.003
3	.000	.000	.437	.000	1.24	42.7	32.8	55.0	4.77	.469	.039	.003
4	.000	.000	.086	.000	.814	54.5	34.0	24.7		.429	.031	.003
5	.000	.000	.035	.000	.649	13.6	198.	16.9		.354	.031	.002
6	.000	.000	.051	.000	3.86	14.3	101.	14.1		.390	.024	.002
7	.000	.000	.019	.000	2.30	37.6	78.8	14.1		.354	.024	.002
8	.000	.000	.011	.000	1.75	21.1	40.6	60.6		.354	.024	.002
9	.000	.000	.009	2.04	1.55	66.6	36.6	22.1		.320	.024	.002
10	.000	.000	.007	2.14	1.08	25.2	32.9	14.6		.320	.039	.002
11	.000	.018	.009	.786	1.17	14.2	27.0	13.9	3.92	.287	.039	.002
12	.000	.004	.005	.492	1.90	39.1	25.0	21.2	3.76	.256	.031	.002
13	.000	.001	.004	1.91	6.27	51.8	21.1	11.2	3.76	.227	.024	.002
14	.000	.572	.004	.725	3.94	46.5	37.4	7.59	3.60	.227	.024	.001
15	.000	.215	.002	11.6	2.36	108.	24.5	7.18	3.45	.200	.019	.001
16	.000	.101	.002	1.92	2.07	51.8	30.6	6.24	3.01	.175	.017	.001
17	.000	.391	.002	1.05	1.80	22.8	56.9	85.0	2.61	.175	.017	.001
18	.000	.288	.002	1.14	1.55	22.2	26.3	32.6	2.48	.151	.017	.001
19	.000	.125	.002	.677	162.	184.	190.	19.7	2.36	.130	.015	.001
20	.000	.044	.002	2.72		218.	57.1	11.3	2.24	.110	.015	.000
21	.000	.020	.001	3.39		123.	40.1	9.21	1.90	.092	.019	.000
22	.000	.012	.001	1.39		196.	52.1	8.87	1.90	.076	.017	.000
23	.000	.009	.001	.985		390.	69.6	8.03	1.69	.062	.015	.000
24	.000	.011	.001	12.0		117.	40.6	14.3	1.60	.024	.010	.000
25	.000	.008	.001	7.17	89.9	201.	126.	8.63	1.41	.024	.007	.000
26	.000	.015	.001	2.50	72.6	160.	58.1	6.78	1.24	.024	.007	.000
27	.000	.011	.001	10.2	28.1	140.	30.9	5.76	1.16	.019	.005	.000
28	.000	.379	.000	7.08	90.4	109.	22.3	10.9	1.01	.017	.005	.000
29	.000	.291	.000	5.18	16.2	97.6	131.	10.0	.874	.017	.004	
30	.000	.120	.000	3.24	8.16	623.	51.6	7.48	.754	.015	.003	
31	.000		.000		78.1	277.		7.07		.013	.003	
MCY	.000	.088	.051	2.67	39.1	113.	64.2	18.8	3.07	.206	.020	.001

DEBIT MOYEN ANNUEL

20.3 M3/S

STATION : TOGO MCNO ANIE BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.469	.819	.187	20.5	37.5	15.9	46.5	10.6		.227	.050
2	.000	.320	.512	.120	5.96	28.7	14.2	31.8	9.73			.039
3	.000	.130	.355	.141	4.09	72.4	41.2	29.7	9.21			.039
4	.000	.031	.454	.101	3.23	102.	26.5	28.9	8.02			.031
5	.000	.017	.577	.069	1.21	42.0	33.2	29.7	6.97			.031
6	.000	.062	.969	.076	.247	177.	25.6	46.5	6.78			.031
7	.000	.039	.415	.056	4.28	74.0	34.7	27.6	6.59			.024
8	.000	.017	.320	.051	2.95	36.1	34.4	54.4	6.24			.017
9	.000	.013	.288	.411	5.87	25.0	228.	45.0	5.76			.015
10	.000	.012	.201	.201	12.2	35.8	141.	36.4				.015
11	.000	.009	.131	.131	9.78	43.7	87.7	27.8				.175
12	.000	.007	.273	.572	6.35	24.5	47.0	32.9				.175
13	.000	.004	.176	.761	4.37	286.	94.5	20.2				.092
14	.000	.002	1.33	.472	3.74	53.2	179.	14.2				.130
15	.000	.227	.737	.303	21.6	27.0	994.	13.9				.130
16	.000	.320	.430	.214	29.2	34.9	631.	145.				.175
17	.000	1.28	.152	.131	27.8	25.7	516.	65.2				.016
18	.000	2.62	.066	.069	19.9	20.2	471.	41.0				.021
19	.000	1.34	.019	.019	148.	19.9	279.	35.6			.110	.044
20	.000	.714	6.49	.011	24.8	28.4	119.	36.4			.092	.025
21	.000	.470	1.50	.718	15.4	22.7	99.7	21.3			.076	.017
22	.000	1.37	.701	2.03	7.90	197.	64.6	18.9			.076	.015
23	.000	.555	.415	.725	12.2	34.4	65.9	16.3			.062	.016
24	.000	.449	.201	.726	16.1	41.9	89.0	12.4			.062	.010
25	.000	.337	.111	1.17	41.3	36.1	84.6	11.3			.050	.008
26	.000	.257	.512	.677	21.2	27.0	85.5	10.7			.050	.006
27	.000	4.97	.343	25.8	44.6	23.7	94.7	10.4			.050	.001
28	.000	2.55	.620	15.5	55.9	20.7	69.7	9.73			.175	.000
29	.005	1.55	.372	24.3	77.1	21.1	71.0	21.1			.110	.017
30	1.24	1.24	.257	28.4	31.4	16.1	105.	14.4			.062	
31	1.90		.142		65.5	18.8		18.3		.227	.050	
MCY	.102	.713	.641	3.47	24.0	53.3	161.	31.4	5.50	1.80	.133	.047

DEBIT MOYEN ANNUEL 23.4 M3/S

STATION : TOGO

MCNO

ANIE

BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.016	.096	.470	14.8	5.96	94.1	91.2	31.3	14.8	1.60	.256	.024
2	.012	.016	.271	5.05	4.96	36.9	46.9	41.9	11.7	1.50	.256	.019
3	.006	.231	.176	3.16	4.17	35.2	99.0	28.1	9.47	1.41	.256	.019
4	.003	.016	.111	.974	16.2	106.	31.2	26.0	8.24	1.32	.227	.017
5	.003	.018	.391	.706	36.1	44.6	129.	45.6	8.02	1.32	.227	.017
6	.004	.003	.320	.470	29.7	99.2	51.1	24.0	6.97	1.24	.227	.015
7	.005	.001	.176	.295	26.5	223.	76.5	23.0	6.59	1.08	.200	.015
8	.006	.019	.125	.152	17.1	86.6	62.5	22.3	6.41	1.01	.175	.015
9	.004	.015	.410	.451	25.8	46.0	64.8	26.0	5.61	1.60	.130	.013
10	.012	2.07	.125	.624	36.2	28.5	110.	23.7	5.47	1.32	.130	.012
11	.009	1.70	.071	.512	30.9	20.7	188.	22.9	5.33	1.32	.130	.010
12	.017	1.98	3.72	32.4	46.0	61.9	194.	28.1	4.96	1.08	.110	.009
13	.016	1.30	1.50	18.7	34.6	34.4	92.1	23.2	4.60	1.01	.130	.009
14	.004	.649	.978	5.54	44.6	27.3	91.9	20.9	4.42	1.01	.130	.009
15	.002	.472	.512	5.05	45.1	82.1	72.6	21.4	4.08	.812	.110	.007
16	.003	.432	.257	3.76	23.2	39.7	57.3	17.3	3.92	.754	.600	.006
17	.096	.323	.152	12.5	13.4	90.4	91.9	13.7	3.60	.754	.511	.005
18	.004	.271	.101	8.67	10.1	31.0	111.	9.47	3.30	.648	.429	.004
19	.002	.214	.103	4.25	6.35	278.	45.5	12.4	3.16	.648	.151	.007
20	.001	.141	.155	3.76	31.3	209.	44.6	9.87	3.01	.600	.110	.005
21	.000	.101	.120	3.02	39.3	109.	41.0	9.09	2.88	.554	.092	.005
22	.027	.084	.092	2.68	41.0	128.	41.4	8.25	2.74	.554	.076	.006
23	.013	.092	.069	2.30	27.2	55.9	35.1	8.48	2.61	.511	.076	.005
24	.004	.664	4.42	2.79	16.5	132.	26.7	7.69	2.36	.469	.062	.004
25	.001	2.04	.881	2.68	20.5	264.	45.1	17.0	2.24	.429	.050	.003
26	.002	1.25	.601	1.37	16.7	91.9	40.1	48.3	2.12	.390	.050	.002
27	.005	.677	.355	1.20	20.2	66.4	35.0	21.1	2.01	.390	.050	.001
28	.007	.470	.215	.974	26.2	64.3	28.8	15.3	1.80	.354	.039	.007
29	.007	.146	.120	.843	42.9	68.4	44.6	12.1	1.69	.320	.031	.005
30	.004	.942	.103	1.12	139.	103.	92.5	10.3	1.60	.287	.024	.005
31	.002		.596		200.	50.6		9.09		.287	.024	.005
MCY	.010	.548	.571	4.69	34.8	90.6	72.7	20.6	4.86	.857	.163	.010

DEBIT MOYEN ANNUEL

19.3 M3/S

STATION : TOGO

MCNO

ANIE

BLITTA - GARE

NUMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.007	.002	.200	.355	29.6	9.48	58.6	46.5	9.87		.511	.151
2	.005	.001	.176	.303	4.69	8.96	150.	38.9	8.73		.469	.151
3	.005	.001	.111	.242	3.69	81.6	119.	112.	29.8		.390	.151
4	.008	7.18	3.76	.200	2.75	21.3	71.4	39.4	27.7		.354	.151
5	.012	.754	1.60	.163	5.14	16.1	37.2	36.6	12.6		.354	.110
6	.012	.470	.918	.122	8.30	47.1	29.2	33.5	10.3		.320	.110
7	.016	.303	.490	.770	11.0	35.9	26.8	62.7	9.74	1.24	.320	.110
8	.011	.214	.391	.755	5.54	22.4	944.	34.4	9.36	1.16	.320	.076
9	.010	.201	.273	.555	26.0	37.9	464.	29.9	8.72	1.16	.287	.092
10	.008	.260	.176	1.09	15.0	103.	87.5	24.2	7.90	1.08	.287	.092
11	1.08	.120	4.88	.726	9.73	34.3	155.	19.6	7.47	1.01	.287	.076
12	.432	.130	.956	2.34	8.72	21.2	172.	25.5	6.78	1.01	.287	.076
13	1.01	2.48	1.17	2.89	11.3	40.7	77.0	17.7	5.84	.940	.256	.076
14	.472	3.54	2.43	1.37	12.4	49.1	186.	16.8		.940	.256	.062
15	.125	.876	8.81	1.24	13.7	47.4	63.2	26.6		.874	.256	.050
16	.152	.451	3.38	3.11	31.2	55.4	88.7	68.5		.812	.256	.050
17	.151	.303	4.26	1.50	33.8	171.	198.	35.7		.812	.256	.050
18	.019	.228	1.46	1.41	22.9	147.	155.	25.2		.812	.227	.050
19	.015	.187	4.02	.786	19.5	82.8	77.3	17.5		.754	.227	.039
20	.012	.204	1.46	.907	16.5	55.0	57.4	25.2		.754	.227	.050
21	.010	.257	1.32	7.48	22.9	37.9	36.7	24.0		.699	.227	.039
22	.007	.142	.978	3.83	31.4	29.5	65.5	20.7		.600	.200	.031
23	.005	3.00	.726	2.13	38.3	29.6	53.4	16.3		.600	.200	.031
24	.004	.847	1.75	9.88	18.5	64.7	143.	15.1		.354	.151	.005
25	.003	.978	1.09	7.27	51.5	48.2	60.0	13.4		.600	.175	.002
26	.003	.577	1.02	4.78	15.3	45.5	156.	11.4		.600	.175	.002
27	.002	.411	1.29	7.63	12.4	35.1	322.	10.3		.554	.175	.002
28	.002	.451	.783	4.96	10.6	34.5	111.	22.6		.554	.200	.002
29	.013	.214	.555	3.85	8.48	57.4	63.8	30.6		.554	.200	
30	.005	.273	.624	2.88	7.47	36.6	71.1	20.0		.511	.175	
31	.002		.512		9.78	92.7		12.1		.511	.151	
MCY	.117	.835	1.66	2.52	16.7	52.2	143.	30.1	7.49	.998	.264	.067

DEBIT MOYEN ANNUEL

21.3

M3/S

STATION : TOGO

MONO ANIE

BLITTA - GARE

ALMERO : 47401006

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.002	.003	.151	.755	19.5	13.4	153.		3.60	.320	.013	.005
2	.002	.003	.152	9.33	4.20	7.03	142.		3.30	.287	.013	.004
3	.002	.002	.176	2.34	2.36	4.17	113.		3.01	.256	.012	.004
4	.002	.002	.141	1.46	1.85	3.53	131.		2.74	.256	.012	.004
5	.002	.001	.111	1.08	1.33	2.55	167.		2.61	.227	.012	.003
6	.002	.003	.228	.649	.760	2.30	108.		2.48	.175	.010	.003
7	.002	.003	1.40	.512	1.76	5.30	109.		2.24	.151	.010	.002
8	.076	.002	.415	.391	2.75	4.69	139.		2.12	.151	.010	.002
9	.031	.000	.271	.339	3.43	4.17	111.		1.90	.151	.010	.001
10	.018	.632	.176	.394	4.26	3.76	75.7	12.7	1.80	.130	.009	.001
11	.187	.130	1.60	.512	2.96	15.9	128.	11.6	1.60	.092	.009	.001
12	.141	.101	.918	.449	2.13	8.35	159.	9.54	1.50	.092	.009	.876
13	.110	.069	.410	.410	1.21	8.37	127.	8.50	1.41	.076	.009	.512
14	.110	.050	.337	.337	3.03	9.61	136.	9.21	1.24	.062	.007	.231
15	.130	.035	.228	.490	2.19	12.4	110.	8.02	1.16	.062	.007	.050
16	.130	.021	.231	.512	1.60	9.93	59.4	7.69	1.08	.050	.009	.039
17	.110	.192	.355	.511	1.05	6.25	45.1	7.27	1.01	.050	.009	.035
18	.110	.120	.256	.187	1.37	5.14	93.2	6.69	.940	.039	.007	.031
19	.151	.092	.227	.093	1.08	4.78	43.7	6.24	.874	.039	.010	.021
20	.130	.076	.187	.320	1.82	4.25	40.9	5.99	.812	.039	.010	.277
21	.110	.056	.163	.214	1.01	4.28	199.	5.92	.754	.031	.009	.086
22	.076	.039	.165	.287	.874	3.69	137.	5.76	.699	.031	.009	.015
23	.062	.031	.201	.228	.911	10.5	64.7	5.47	.648	.024	.007	.005
24	.062	.027	.410	.584	.881	11.8	34.2	6.15	.600	.024	.007	.451
25	.062	.021	.706	.372	.874	125.	22.0	8.48	.600	.019	.007	.257
26	.062	.019	2.26	.337	.726	265.	229.	7.47	.554	.017	.006	.247
27	.050	.264	3.67	.273	.451	235.	88.4	6.42	.469	.017	.006	.112
28	.050	.355	2.19	.570	.947	220.	69.6	4.60	.429	.017	.006	.017
29	.039	.163	2.13	.978	4.00	163.	54.4	4.51	.390	.017	.006	
30	.024	.775	1.37	2.02	4.86	149.		4.00	.354	.017	.005	
31	.003		1.05		9.84	66.9		3.68		.015	.005	
MCY	.066	.110	.722	.898	2.77	44.8	105.	14.2	1.43	.095	.009	.118

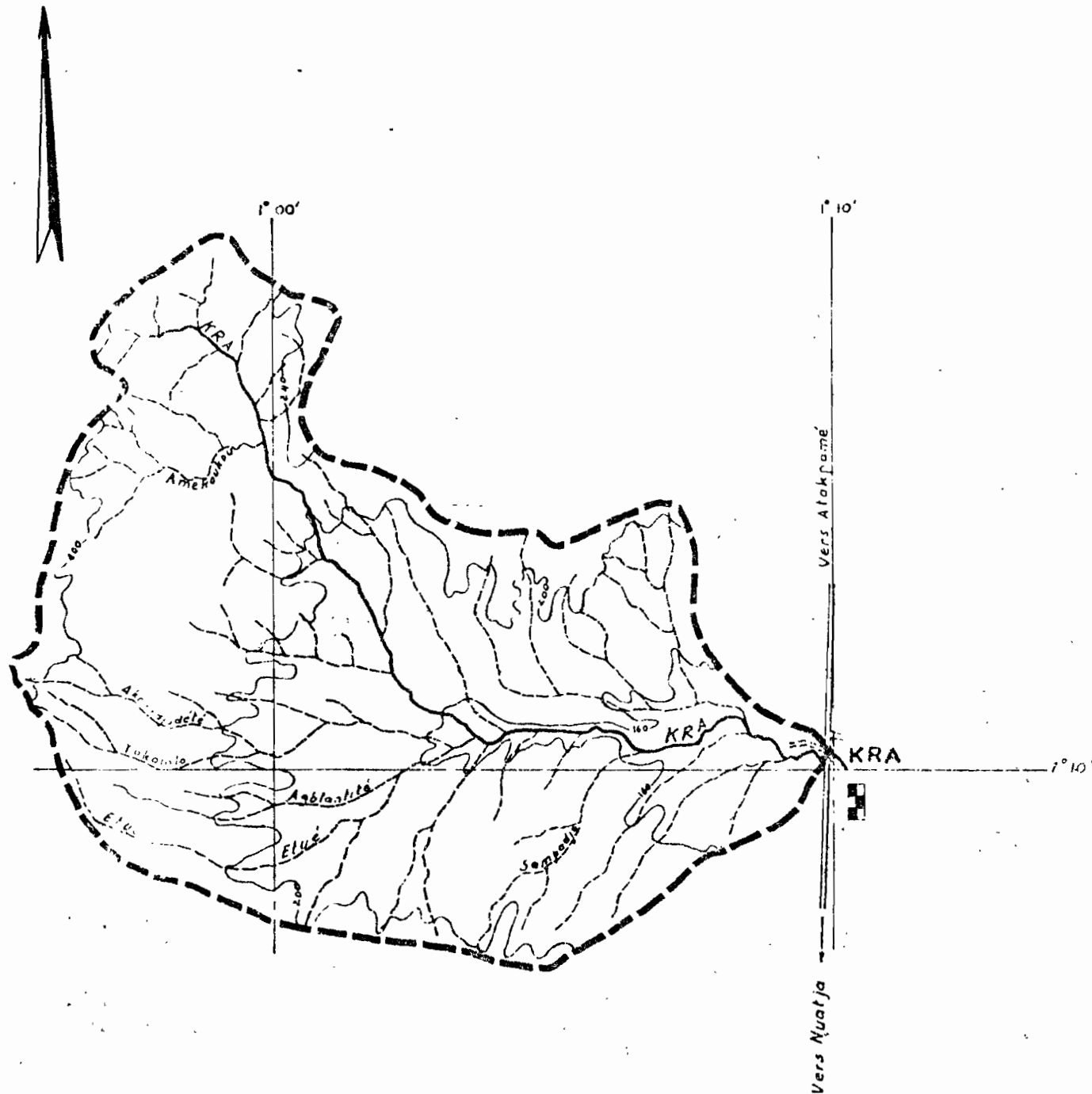
DEBIT MOYEN ANNUEL

14.2 M3/S

KRA A KRA

BASSIN VERSANT = 360km²

NCRD



Echelle: 1 : 200 000

180

ORSTOM

COMPLÉMENTS: 20-11-73

DATE: 24/ 5 /65

DESSINÉ: M. Sossah

T 264 H

Code : 47 40 15 05

bassin versant : 360 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M.

Coordonnées : 7° 10' N - 1° 10' E

Cote du zéro de l'échelle :

. Ancienne échelle : 132,55m (rattachée au repère 226 du nivellement général, sur la pile, et coté 138,640 m.)

. Nouvelle échelle : rattachement avec le N.G. non encore effectué.

Accès : Pont de la route LOME - ATAKPAME

Installations :

L'ancienne station, ouverte le 21 Février 1963, comprenait un élément de 0 - 1 mètre et un élément de 1 - 3 mètres posés sur I P N, situés en rive droite à l'aval du pont.

Le 28 Août 1963, un élément de 3 à 5 mètres a été posé pour compléter l'échelle.

Par suite de la destruction du pont, les lectures ont été interrompues le 30 Novembre 1971.

Avec le nouveau pont, la station a été ouverte une deuxième fois le 26 Août 1972. Elle comprend actuellement 5 mètres d'échelles scellées sur, ou à proximité de la pile rive gauche.

Lectures :

Deux lectures par jour à 6 heures et 17 heures 30. Bonne qualité.

Jaugeages - Courbes de tarage

Deux courbes de tarage ont été retenues, l'une pour 1963, 1964 et l'étiage 64 - 65, la deuxième valable ensuite.

Ces courbes ont été tracées avec 21 jaugeages compris entre 0 et 19 m³/s (cote 3,07m., le 1 Octobre 1963).

CARACTERISTIQUES DU BASSIN

Hypsométrie :

de 520 à 350 m.	17,4 %
350 à 250	36,6
250 à 200	22,6
200 à 138	23,4

Altitude moyenne 280 m.

Relief et Géologie

La majeure partie du bassin est située sur les gneiss du Dahoméen, qui donnent un relief de plateau. A l'ouest (source du Chra), le plateau est dominé par les monts Haïto.

Végétation :

Savane arborées dense sur le plateau. Forêt humide sur le mont Haïto (forêt classée), et dans la vallée du Chra.

STATION : TOGO

MOMO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1				.857	9.89	8.42	7.06	17.4	5.04	.609	.173	.074
2				.650	9.98	12.8	6.37	16.7	3.61	.595	.148	.074
3				.480	2.78	18.1	26.0	26.6	2.84	.582	.235	.074
4				.468	2.03	18.1	21.9	18.4	2.21	.556	.346	.049
5				.517	1.14	18.1	21.1	16.7	1.90	.505	.395	.049
6				.517	.872	14.6	30.4	35.2	1.70	.480	.371	.049
7				.492	.936	8.92	15.0	20.2	1.59	.468	.358	.049
8				.543	2.56	11.5	8.42	23.0	1.33	.444	.358	.012
9				.969	3.55	18.1	7.27	22.4	1.23	.408	.346	.012
10				1.21	9.01	18.1	9.98	17.8	1.06	.371	.222	.012
11				1.94	18.1	13.2	6.03	10.8	.920	.358	.222	.012
12				1.23	18.1	18.1	6.78	10.5	.888	.358	.173	.000
13				.780	11.5	18.1	4.72	8.42	.857	.346	.173	.000
14			1.21	.636	13.9	8.42	14.8	26.0	.780	.334	.173	.000
15			1.08	.530	9.53	7.56	12.4	12.5	.736	.321	.148	.000
16			2.84	.543	18.1	6.03	15.0	8.01	.707	.284	.148	.000
17			1.06	.543	10.9	9.80	11.9	13.1	.622	.259	.136	.000
18			.650	.563	7.20	18.1	5.89	4.66	7.06	.259	.136	.000
19			1.04	4.28	16.7	14.3	4.79	3.98	12.4	.247	.136	.000
20			3.37	1.66	8.75	7.48	6.92	4.41	16.8	.235	.136	.000
21			1.77	1.02	3.85	5.69	4.66	11.1	7.93	.235	.124	.000
22			.872	.826	18.1	4.04	23.7	8.42	2.31	.235	.111	.000
23			.569	1.90	18.1	3.37	16.8	4.98	1.55	.235	.111	.000
24			.420	1.39	15.4	2.78	8.75	15.4	1.28	.210	.086	.000
25			.334	1.77	12.3	18.1	4.66	20.0	.986	.210	.086	.000
26			.296	3.32		10.8	3.91	13.5	.904	.210	.086	.000
27			.272	2.16	18.1	7.86	3.79	9.27	.810	.210	.086	.000
28			.296	1.42	18.1	4.04	6.50	9.80	.736	.210	.086	.000
29			.543	1.36	18.1	3.14	18.9	7.86	.692	.210	.086	.000
30			.505	2.07	14.4	6.10	16.2	4.98	.650	.210	.086	.000
31			.517		7.34	8.17		4.28		.210	.086	
MOY				1.39	10.8	11.0	11.7	13.8	2.74	.336	.180	.016

STATION : TOGO

MCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AGUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.210	.012	.664	9.62	8.34	2.12	.517	.247	.198	
2	.000	.000	.296	.111	.582	10.6	8.17	1.42	.444	.321		
3	.000	.000	.247	.074	.517	5.83	3.32	1.77	.395	.321		
4	.000	.000	.235	.012	.505	2.73	1.70	1.19	.358	.296		
5	.000	.000	.210	.074	.750	1.70	4.34	.888	.309	.259		
6	.000	.124	.185	.136	.750	1.39	13.5	.750	.272	.247		
7	.000	.161	.173	.543	.622	1.21	4.34	.826	.247	.222		
8	.000	.161	.173	1.04	.530	1.06	3.08	1.04	.235	.210		
9	.000	.148	.408	.810	.456	.986	3.37	.904	.235	.210		
10	.000	.111	.556	.692	.595	1.14	2.41	.750	.222	.198		
11	.000	.086	.692	.569	.810	1.10	4.41	.636	.222	.198		
12	.000	.074	.582	.582	1.30	.986	11.4	.530	.210	.198		
13	.000	.012	.432	.952	.936	.888	12.9	.480	.198	.185		
14	.000	.000	.346	.936	.750	.826	4.22	.432	.198	.185		
15	.000	.148	.334	.857	.904	.750	2.36	.371	.198	.173		
16	.000	.148	.321	.841	1.16	.678	1.62	.936	.198	.161		
17	.000	.124	.321	1.28	.920	.622	1.62	1.94	.198	.148		
18	.000	.124	.321	1.36	.750	.595	1.85	3.61	.198	.148		
19	.000	.185	.334	2.96	.622	.556	1.45	4.85	.198	.148		
20	.000	.173	.321	9.53	.480	.543	1.14	2.07	.185	.222		
21	.000	.173	.444	5.83	.395	.582	1.00	1.39	.185	.321		
22	.000	.173	.383	1.81	.334	.622	.936	1.10	.185	.432		
23	.000	.161	.296	1.06	.444	.622	.872	.920	.185	.420		
24	.000	.136	.198	.904	3.49	.595	.826	.810	.185	.346		
25	.000	.111	.173	1.59	2.62	.543	.765	.678	.198	.272		
26	.000	.111	.124	2.56	1.42	.480	.750	.595	.198	.222		
27	.000	.099	.124	1.73	.936	.432	.707	.530	.198	.210		
28	.000	.235	.124	1.16	1.66	.395	.650	.468	.185	.210		
29	.000	.235	.111	.920	17.1	.371	.678	.408	.185	.198		
30	.000	.222	.099	.765	23.1	.371	1.21	.582	.210	.185		
31	.000		.074		7.63	1.00		.609		.198		
MOY	.000	.114	.285	1.39	2.38	1.61	3.47	1.15	.238	.236		

STATION : TOGO

MCNO

CFRA

CFRA

2017

NUMERO : 474C1505

CFRA

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			.334	.099	.692	1.62	3.12	1.08	.497	.004	.000	.000
2			.284	.222	.589	36.2	2.51	.948	.363	.004	.000	.000
3			.259	.210	2.10	29.0	2.35	.822	.363	.002	.000	.000
4			.247	.185	7.21	12.5	2.09	.772	.325	.002	.000	.000
5			.222	.099	2.37	7.40	1.67	.791	.306	.002	.000	.000
6			.235	.037	1.08	5.74	1.42	.812	.231	.002	.000	.000
7			.222	.000	.803	4.70	1.24	1.42	.139	.001	.000	.000
8			.210	.000	.671	3.65	1.29	4.70	.120	.000	.000	.000
9			.198	.000	24.6	3.12	1.19	6.45	.102	.000	.000	.000
10			.185	.000	23.3	2.67	2.02	3.96	.065	.000	.000	.000
11			.173	.000	11.9	2.24	8.22	3.24	.065	.000	.000	.000
12			.161	.222	5.79	2.06	7.82	1.71	.048	.000	.000	.000
13			.148	.222	3.41	2.57	9.63	1.14	.033	.000	.000	.000
14			.136	.309	2.29	3.83	9.84	.969	.102	.000	.000	.000
15			.136	.315	1.66	4.30	12.2	1.37	.048	.000	.000	.000
16			.124	.352	1.32	31.1	11.3	1.12	.033	.000	.000	.000
17			.000	.395	6.32	19.5	6.09	.883	.019	.000	.000	.000
18			.000	.372	15.7	8.16	3.79	.712	.019	.000	.000	.000
19			.000	.566	5.04	8.97	2.89	.604	.019	.000	.000	.000
20			.000	.175	2.34	16.1	5.55	.478	.008	.000	.000	.000
21			.000	.175	9.70	11.6	4.34	.372	.008	.000	.000	.000
22			.000	.365	10.7	7.72	2.52	.306	.008	.000	.000	.000
23			.000	.444	5.01	25.8	3.46	.241	.007	.000	.000	.000
24			.692	.000	2.65	9.55	15.5	2.57	.250	.006	.000	.000
25			.692	.000	1.31	21.8	8.74	2.17	.401	.006	.000	.000
26		.765	.000	.881	14.9	5.18	1.67	.605	.005	.000	.000	.000
27		.721	.000	.738	6.96	7.43	1.30	.693	.004	.000	.000	.000
28		.595	.000	.729	5.94	8.41	1.18	.673	.004	.000	.000	.000
29		.492	.000	.810	4.29	9.91	1.30	.883	.004	.000	.000	.000
30		.408	.000	.795	2.85	8.82	1.30	.771	.004	.000	.000	.000
31		.000	.000		2.05	4.40		.595		.000	.000	.000
MOY			.106	.210	6.87	10.38	3.96	1.28	.099	.000	.000	.000

STATION : TOGO

MCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.006	.000	.120	1.25	1.20	7.77	.334	.005	.000	.000
2	.000	.000	.005	.000	.157	3.54	1.34	4.45	.287	.005	.000	.000
3	.000	.000	.004	.000	.139	8.82	.772	4.45	.241	.004	.000	.000
4	.000	.000	.004	.000	.139	7.18	.693	5.07	.176	.002	.000	.000
5	.000	.000	.005	.000	.120	1.88	.653	4.58	.120	.002	.000	.000
6	.000	.000	.004	.000	.968	1.14	1.94	2.41	.102	.002	.000	.000
7	.000	.000	.004	.194	14.3	.883	2.31	2.22	.102	.002	.000	.000
8	.000	.000	.000	.176	7.61	.771	1.94	9.28	.033	.001	.000	.000
9	.000	.000	.000	.139	2.34	12.0	4.48	9.43	.033	.000	.000	.000
10	.000	.000	.000	.120	4.55	9.45	3.97	12.0	.480	.000	.000	.000
11	.000	.016	.000	.120	3.66	8.85	20.5	5.46	.673	.000	.000	.000
12	.000	.148	.000	.102	1.43	15.8	14.9	4.97	.517	.000	.000	.000
13	.000	.176	.000	.084	1.57	10.7	3.74	6.41	.363	.000	.000	.000
14	.000	.357	.000	.065	1.75	3.51	1.94	5.39	.250	.007	.000	.000
15	.000	.468	.000	.102	1.99	2.44	1.41	3.14	.148	.006	.000	.000
16	.000	.213	.000	.065	1.13	2.07	4.82	2.07	.120	.006	.000	.000
17	.000	2.35	.000	.065	4.06	1.78	6.26	1.57	.102	.005	.000	.000
18	.000	.755	.000	.065	3.83	3.17	2.10	1.31	.084	.005	.000	.000
19	.000	.354	.000	.065	8.77	6.26	1.36	1.12	.084	.004	.000	.000
20	.000	.157	.000	.065	7.84	13.1	1.05	1.04	.048	.000	.000	.000
21	.000	.111	.000	.065	2.01	7.24	2.57	.958	.048	.000	.000	.000
22	.000	.084	.000	.120	1.29	4.17	2.69	.883	.033	.000	.000	.000
23	.000	.065	.000	.176	.926	3.55	18.1	.852	.033	.000	.000	.000
24	.000	.065	.000	.250	.781	6.44	20.2	.752	.008	.000	.000	.000
25	.000	.048	.000	.231	.693	3.41	11.3	.673	.008	.000	.000	.000
26	.000	.048	.000	.250	.634	2.59	6.17	.614	.008	.000	.000	.000
27	.000	.033	.000	.194	.614	2.34	4.35	.594	.008	.000	.000	.000
28	.000	.019	.000	.157	.644	1.67	18.6	.585	.007	.000	.000	.000
29	.000	.014	.000	.139	.634	1.31	14.9	.497	.006	.000	.000	.000
30	.000	.007	.000	.120	.536	1.48	10.0	.420	.005	.000	.000	.000
31	.000		.000		.478	1.44		.382		.000	.000	
MOY	.000	.183	.001	.104	2.44	4.84	6.21	3.27	.149	.002	.000	.000

DEBIT MOYEN ANNUEL

1.44

M3/S

STATION : TOGO

MCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	ACUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	2.16	.102	4.49	1.99	.458	11.7	.614	.007	.000	.000
2	.000	.000	1.12	.102	3.90	1.21	.391	10.5	.516	.006	.000	.000
3	.000	.000	.575	.084	17.4	.937	.316	3.83	.420	.005	.000	.000
4	.000	.000	.458	.065	16.4	.904	.259	2.37	.420	.004	.000	.000
5	.000	.000	.430	.065	5.92	.832	.213	1.94	.614	.004	.000	.000
6	.000	.000	.306	.065	2.90	.654	4.28	1.54	.614	.004	.000	.000
7	.000	.000	.231	1.94	1.91	.713	4.69	1.37	.516	.004	.000	.000
8	.000	.000	.176	5.43	1.54	.863	5.55	1.35	.420	.004	.000	.000
9	.000	.000	.148	3.22	1.70	.937	6.81	1.34	.325	.004	.000	.000
10	.000	.000	.130	3.51	15.5	.801	19.1	1.43	.231	.003	.000	.000
11	.000	.000	.120	2.21	11.1	.693	14.3	1.59	.213	.002	.000	.000
12	.000	.000	.102	5.86	3.40	.546	7.82	1.56	.157	.002	.000	.000
13	.000	.000	.111	7.79	2.05	4.27	4.70	4.87	.139	.003	.000	.000
14	.000	.000	.102	5.10	4.42	6.62	2.26	4.45	.139	.002	.000	.000
15	.000	.000	.102	10.6	4.14	3.64	1.69	9.04	.120	.002	.000	.000
16	.000	.000	.102	7.91	2.78	1.59	1.50	9.19	.102	.000	.000	.000
17	.000	.000	.102	2.17	1.80	1.08	10.5	4.41	.120	.000	.000	.000
18	.000	.000	.836	1.34	1.33	.937	26.6	2.09	.102	.000	.000	.000
19	.000	.000	1.04	1.00	1.14	.771	12.9	1.60	.102	.000	.000	.000
20	.000	.000	.722	1.14	1.04	.762	6.28	15.1	.102	.000	.000	.000
21	.000	.000	.468	12.2	1.10	3.77	3.12	15.9	.102	.000	.000	.000
22	.000	.000	.259	10.9	.970	6.41	2.74	4.04	.102	.000	.000	.000
23	.000	2.48	.213	7.07	.832	2.70	3.07	2.20	.084	.000	.000	.000
24	.000	.858	.176	4.07	.752	1.40	2.02	1.51	.084	.000	.000	.000
25	.000	.458	.278	1.97	.732	.970	1.86	1.20	.084	.002	.000	.000
26	.000	.306	.231	1.32	3.22	.873	2.16	1.13	.048	.003	.000	.000
27	.000	4.21	.203	14.5	2.74	.883	3.03	1.08	.019	.002	.000	.000
28	.000	2.39	.176	15.8	1.78	.812	8.68	.948	.019	.002	.000	.000
29	.000	1.24	.157	2.66	1.53	.693	9.13	.781	.008	.000	.000	.000
30	.000	3.63	.139	1.93	1.14	.585	5.66	.791	.007	.000	.000	.000
31	.000		.120		1.64	.507		.693		.000	.000	
MOY	.000	.519	.370	4.41	3.91	1.62	5.74	3.92	.218	.002	.000	.000

DEBIT MOYEN ANNUEL

1.72 M3/S

STATION : TOGO

MCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.102	15.3	16.3	9.02	5.98	13.5	15.0	.653	.157	.120
2	.000	.000	.102	15.1	11.5	6.45	17.4	6.23	19.8	.693	.157	.084
3	.000	.000	.093	3.89	20.3	3.63	7.79	9.38	7.10	.673	.157	.084
4	.000	.000	.084	2.20	30.9	8.83	4.49	12.2	4.55	.653	.139	.065
5	.000	.000	.259	2.39	32.2	11.0	8.84	11.2	3.14	.555	.139	.048
6	.000	.000	.231	1.39	22.5	12.6	23.1	9.11	2.39	.516	.157	.048
7	.000	.000	.231	.917	12.4	27.5	24.5	5.98	2.72	.516	.157	.033
8	.000	.000	.194	.683	14.1	13.2	22.2	7.02	2.81	.516	.157	.033
9	.000	.000	.157	.663	22.5	18.1	13.9	4.97	2.01	.614	.157	.019
10	.000	.000	.139	1.10	12.4	13.3	15.0	4.21	1.70	.478	.139	.007
11	.000	.000	.130	9.42	8.24	7.38	24.8	15.2	1.45	.439	.120	.048
12	.000	.000	2.55	33.4	12.9	19.5	20.4	21.8	1.30	.420	.120	.033
13	.000	.004	6.24	28.5	21.3	18.9	14.0	12.9	1.20	.401	.120	.007
14	.000	.000	1.40	24.7	27.2	8.95	9.89	12.5	1.07	.363	.120	.000
15	.000	.000	.585	28.6	22.0	10.5	11.1	6.63	.926	.344	.102	.000
16	.000	.000	.363	16.3	13.0	8.91	7.38	4.38	.991	.325	.102	.000
17	.000	.061	.213	17.8	8.46	6.66	22.7	3.59	1.83	.325	.084	.000
18	.000	.139	.176	25.1	10.4	7.31	21.4	8.34	1.34	.325	.084	.000
19	.000	.130	.157	11.9	7.54	16.3	12.2	5.45	1.02	.306	.084	.000
20	.000	.111	.139	6.73	40.8	11.8	15.0	5.21	1.30	.269	.065	.000
21	.000	.075	.139	4.35	26.5	5.59	11.5	3.16	2.30	.250	.065	.000
22	.000	.120	.139	3.17	14.5	5.10	8.57	2.31	2.12	.231	.048	.000
23	.000	.120	.222	2.59	9.82	6.55	6.48	2.65	2.05	.231	.048	.000
24	.000	.120	.772	2.22	8.79	7.61	5.35	4.04	1.73	.231	.000	.000
25	.000	.120	1.27	1.96	6.59	9.62	6.23	4.35	1.56	.213	.033	.000
26	.000	.093	1.40	3.56	5.49	7.24	5.73	5.70	1.34	.194	.546	.000
27	.000	.065	.991	3.49	6.27	5.98	12.9	2.79	.926	.176	.325	.000
28	.000	.048	.790	2.13	7.53	5.07	15.9	2.07	.873	.176	.269	.000
29	.000	.048	1.71	3.97	9.13	3.59	7.96	1.63	.822	.176	.231	
30	.000	.111	1.44	9.32	22.7	2.69	13.0	1.38	.673	.157	.203	
31	.000		.918		12.7	2.73		1.67		.176	.148	
MOY	.000	.046	.753	9.43	16.0	9.73	13.2	6.83	2.94	.374	.143	.022

DEBIT MOYEN ANNUEL

4.98

M3/S

STATION : TOGO

MCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.250	.372	7.34	.439	.213	2.06	4.17	.005	.000	.000
2	.000	.000	.231	.449	7.20	.344	.250	2.12	3.18	.004	.000	.000
3	.000	.000	.213	.410	2.18	.306	.213	1.60	1.83	.004	.000	.000
4	.000	.000	.176	.372	2.67	.306	.194	1.34	1.38	.003	.000	.000
5	.000	.000	.157	.306	1.44	.306	.157	1.18	1.07	.003	.000	.000
6	.000	.000	.157	.259	.993	.287	.120	1.10	.823	.002	.000	.000
7	.000	.000	.157	.231	.762	.269	.120	3.47	.654	.002	.000	.000
8	1.13	.000	.157	.231	.594	.250	.102	3.24	.546	.001	.000	.000
9	.213	.000	.139	.213	.516	.250	.102	1.85	1.15	.000	.000	.000
10	.157	.000	.139	.297	3.08	.250	.102	1.28	1.02	.000	.000	.000
11	.111	.000	.139	.353	3.93	.231	.102	.905	.624	.000	.000	.000
12	.093	.000	.139	.556	3.51	.213	.084	.585	.363	.000	.000	.000
13	.084	.000	.139	1.16	2.31	.213	.065	.391	.194	.000	.000	.000
14	.065	.565	.102	1.12	1.08	.213	.048	.278	.066	.000	.000	.000
15	.065	.222	.102	.793	6.46	.176	.033	.194	.084	.000	.000	.000
16	.048	.213	.102	.555	14.1	.176	.019	.121	.084	.000	.000	.000
17	.033	.213	.084	.401	13.1	.213	.008	.157	.084	.000	.000	.000
18	.033	.213	.120	.497	5.96	.194	.007	.102	.084	.000	.000	.000
19	.008	.139	.154	.354	2.92	.194	.006	.176	.065	.000	.000	.000
20	.000	.231	.176	.334	1.96	.213	.005	3.45	.102	.000	.000	.000
21	.000	.213	.139	1.39	1.47	.213	.004	6.52	.084	.000	.000	.000
22	.000	.154	.102	2.26	1.19	.287	.004	3.12	.065	.000	.000	.000
23	.000	.154	.084	1.21	1.23	.306	.003	7.54	.065	.000	.000	.000
24	.000	.154	.000	1.33	.991	.363	.018	8.91	.048	.000	.000	.000
25	.000	.157	.000	1.69	.781	.363	.100	3.66	.048	.000	.000	.000
26	.000	.213	.000	1.67	.703	.306	.306	2.11	.033	.000	.000	.000
27	.000	.154	.000	1.04	.683	.306	.528	1.32	.019	.000	.000	.000
28	.000	.154	.000	.683	.624	.269	4.52	7.91	.019	.000	.000	.000
29	.000	.287	.213	.468	.585	.250	1.67	8.75	.008	.000	.000	.000
30	.000	.363	.231	.344	.526	.231	1.21	4.58	.007	.000	.000	.000
31	.000		.287		.439	.231		4.21		.000	.000	
MOY	.066	.133	.133	.711	2.95	.263	.344	2.72	.599	.001	.000	.000

DEBIT MOYEN ANNUEL

.668

M3/S

STATION : TOGO

PCNO

CHRA

CHRA

NUMERO : 47401505

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AGUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000		.000	.269	.003	.001	.213	1.03	.439	.007	.000	.000
2	.000		.000	1.06	.003	.001	.148	.873	.287	.006	.000	.000
3	.000		.000	.557	.003	.000	.084	.683	.250	.004	.000	.000
4	.000		.000	.213	.002	.000	.084	5.42	.231	.004	.000	.000
5	.000		.000	.157	.006	.917	.567	12.0	.176	.003	.000	.000
6	.000		.000	.120	.005	.148	.458	5.72	.139	.002	.000	.000
7	.001		.000	.102	.004	.057	.344	2.29	.157	.001	.000	.000
8	.000		1.23	.084	.003	.048	.325	2.05	.139	.001	.000	.000
9	.000		.278	.040	.002	.176	2.82	1.56	.139	.001	.000	.000
10	.000		.111	.026	.002	1.36	3.49	1.87	.120	.000	.000	.000
11	.000		.130	.048	.001	1.35	2.20	3.18	.102	.000	.000	.000
12	.000		.102	.040	.001	1.28	3.04	2.32	.065	.000	.000	.000
13	.000		.093	.020	.001	.653	4.04	1.31	.048	.000	.000	.000
14	.000		.040	.007	.001	.334	9.03	1.05	.019	.000	.000	.000
15	.000		.020	.006	.001	.269	6.38	.926	.019	.000	.000	.000
16	.000	.000	.007	.006	.001	.250	2.47	.762	.008	.000	.000	.000
17	.000	.000	.148	.004	.002	.139	3.05	.673	.007	.000	.000	.000
18	.000	.000	.084	.004	.002	.121	3.53	.594	.006	.000	.000	.000
19	.000	.000	.040	.003	.001	.250	2.42	.430	.006	.000	.000	.000
20	.000	.000	.019	.003	.004	.157	2.57	.306	.005	.000	.000	.000
21	.000	.000	.019	.004	.006	.102	1.86	.287	.005	.000	.000	.000
22	.000	.000	.019	.005	.004	2.39	1.44	.269	.004	.000	.000	.000
23	.000	.000	.008	.203	.002	2.70	2.12	.269	.004	.000	.000	.000
24	.000	.000	.101	.204	.002	1.46	4.48	.269	.003	.000	.000	.000
25	.000	.000	.316	.084	.002	.449	3.20	1.06	.002	.000	.000	.000
26	.000	.000	.866	.040	.002	1.01	2.65	2.40	.002	.000	.000	.000
27	.000	.000	.833	.013	.001	1.28	7.03	2.65	.033	.000	.000	.000
28	.000	.000	.354	.006	.001	.938	4.79	2.54	.048	.000	.000	.000
29	.000	.000	1.09	.004	.001	.536	2.32	1.79	.019	.000	.000	
30	.000	.000	2.51	.003	.001	.316	1.35	1.08	.007	.000	.000	
31	.000		.664		.001	.269		.712		.000	.000	
MOY	.000	.000	.500	.111	.002	.612	2.62	1.88	.083	.001	.000	.000

DEBIT MOYEN ANNUEL

.486 M3/S

Code : 47 40 20 03

bassin versant : 109 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l'O.R.S.T.O.M.

Coordonnées : 8° 58' N - 1° 17' E

Cote du zéro de l'échelle : 330 m environ, en nivellement I.G.N.

Accès : Pont de la route Sokodé - Paratao - Tchamba

Installation :

Station mise en service le 7 Avril 1957, avec 4 mètres d'échelle scellés sur la pile du pont.

Un élément négatif de 0 à -50 cm a été installé le 17 Janvier 1966.

Le 25 Février 1972, l'échelle a été complétée par un élément de 4 à 5 mètres sur U P N, en rive droite.

Lectures :

Deux lectures par jour, d'assez bonne qualité, à 7 et 17 heures.

Jaugeages - Courbes de tarage

La station est instable en basses et moyennes eaux.

Il a fallu tracer cinq courbes de tarage, à l'aide de 38 jaugeages compris entre 0 et 4,66 m³/s (le 21 Septembre 1970, cote 0,57 m à l'échelle).

Remarques :

1°) L'étalonnage étant encore incomplet en hautes eaux, il a été jugé sage de ne pas tenter une extrapolation des courbes de tarage au-delà de 12 m³/s, soit 1,20 mètre environ à l'échelle. Ainsi dans les tableaux présentés ci-dessous, les journées laissées en blanc en Juillet, Août, Septembre et Octobre, correspondent à des journées de fortes crues qu'il n'a pas été possible de traduire. Ceci explique que les débits moyens mensuels correspondants n'ont

pas été calculés. Ces lacunes ne pourront être comblées qu'après avoir effectué des jaugeages de hautes eaux.

2°) Exceptionnellement, pour cette station, nous avons complété manuellement, quelques valeurs de débits moyens mensuels de basses eaux, grâce à une corrélation possible avec la station voisine de PARATAO. Les débits mensuels complétés correspondent aux périodes suivantes : de février à avril 1964 et de janvier à avril 1965.

CARACTERISTIQUES DU BASSIN

Hypsométrie

de 750 à 700	3,4 %
700 à 600	5,7
600 à 500	6,6
500 à 400	32,9
400 à 330	51,4

Altitude moyenne du bassin : 430 mètres

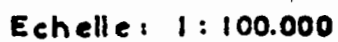
Relief et Géologie :

Le bassin de forme ovoïde a un relief assez accidenté dans sa partie nord. Il est situé sur les micaschistes feldspathiques du dahoméen (Précambrien).

Végétation :

Savane arbustive.

BASSIN VERSANT = 109 Km²



STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVR I	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			.927	.513	2.40		5.33	4.35	2.83	1.73	1.29	.926
2			.852	.360	1.58	4.45	4.35	4.02	2.83	1.73	1.29	.926
3			.252	.302	1.37	2.89	4.35	4.15	2.72	7.90	1.29	.867
4			.182	.267	1.32	2.90	4.42	3.64	2.72	2.20	1.22	.867
5			.142	.235	1.48	2.99		6.80	2.61	1.91	1.22	.867
6			.127	.235		2.35	7.13	3.76	2.50	1.91	1.22	.809
7		.360	.127	.267	1.63	3.50	6.51	3.58	2.40	1.86	1.17	.809
8		.283	.220	.360	1.48	2.16	9.85	3.40	2.40	1.82	1.17	.752
9		.220	.195	.267	1.58	5.60	6.02	4.48	2.40	1.78	1.17	.752
10		.170	.170	.322	2.24		7.69	3.64	2.30	1.78	1.17	.752
11		.150	.142	.652	1.42	5.26	5.53	3.64	2.30	1.73	1.11	.696
12		.120	.133	.405	1.27	5.60	6.30	3.46	2.20	1.65	1.11	.696
13		.120	.120	.302	1.22	4.84		3.34	2.20	1.57	1.11	.696
14		.110	.120	.754	1.45	3.90		4.28	2.20	1.53	1.11	.642
15		.092	.115	1.23	1.18		7.06	4.02	2.10	1.49	1.05	.642
16		.075	.110	.521	1.09	3.60	6.92	7.15	2.10	1.46	1.05	.642
17		.057	.110	2.10	4.07	2.78		3.71	2.10	1.42	1.05	.588
18		.044	.117	10.7	1.23	4.74	6.36	4.35	2.00	1.49	1.05	.588
19		.032	.115	2.73	.997	2.48	6.16	4.08	2.00	1.42	1.05	.588
20		.017	.127	1.92	.871	2.72	6.78	3.34	2.00	1.42	.986	.536
21		.002	.165	4.14	.912	5.39	5.67	3.97	1.91	1.42	.986	.536
22		.002	.220	1.86	.832		5.18	3.77	1.91	1.35	.986	.536
23		.097	.521	1.86	.871	7.94	5.11	4.82	1.91	1.42	.986	.385
24		.305	.502	1.27	.754	8.26	4.48	3.52	1.91	1.35	.986	.926
25		1.05	.250	1.18	.644	5.60	4.35	3.70	1.82	1.35	.926	1.11
26		.235	1.53	1.04	1.19	4.71	4.22	4.62	1.82	1.35	.926	1.05
27		.172	.821	.956	1.18	3.90	7.12	5.18	1.82	1.35	.926	.926
28		.150	.340	.912	.956	3.50	5.53	5.11	1.73	1.29	.926	.867
29		.142	.283	3.52	.871		7.13	3.52	1.73	1.29	.867	
30		.120	.450	2.50	.754	5.74	4.83	3.16	1.73	1.29	.867	
31			1.99		.754	5.11		2.94		1.29	.867	
MOY		.208	.370	1.45				4.11	2.17	1.76	1.07	.749

STATION : TOGO

MOND

KOLOWARE

KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.867	.313	.642	.000	.536	.200	.696	1.14	.484	.385	.385	.000
2	.867	.290	.510	.000	.484	.200	.784	2.40	.434	.361	.337	.000
3	.809	.385	.434	.000	.484	.161	.928	1.50	.434	.337	.337	.000
4	.809	.385	.337	.000	.484	.110	.838	1.39	.434	.337	.313	.000
5	.752	.434	.361	.000	.484	.081	.957	1.32	.494	.313	.290	.000
6	.867	.362	.536	.000	.434	.068	.868	1.26	.410	.290	.290	.000
7	.867	.337	.436	.000	.588	.081	.781	1.17	.434	.163	.290	.000
8	.809	.337	.459	.000	.536	.056	.724	1.11	.434	.126	.243	.000
9	.809	.290	.434	.000	.484	.045	.696	1.08	.434	.126	.266	.000
10	.809	.243	.337	.000	.867	.045	.642	1.08	.536	.838	.290	.000
11	.986	.243	.290	.000	.867	3.51	.588	1.08	.484	5.29	.670	.000
12	.809	.200	.221	.000	.696	1.50	.588	.986	.434	1.32	.484	.000
13	.752	.200	.143	.255	.588	1.11	.869	.926	.434	1.08	.435	.000
14	.752	.161	.085	.752	.536	1.05	.868	.867	.485	.956	.361	.000
15	.696	.161	.035	.781	.484	.897	.752	.838	.957	.867	.313	.000
16	.642	.536	.018	.839	.484	.809	.724	.809	.615	.809	.266	.000
17	.588	.484	.000	.536	.536	.781	.669	.752	.510	.781	.200	.000
18	.588	.434	.000	1.02	.484	.724	.957	.752	.434	.752	.161	.000
19	.536	.410	.000	.781	.434	.696	2.12	.696	.434	.752	.095	.000
20	.536	.385	.000	.669	.484	.669	1.39	.642	.434	.696	.068	.000
21	.536	.510	.000	.536	.484	.615	1.19	.588	.960	.696	.045	.000
22	.484	.589	.000	.484	.434	.562	2.16	.588	.588	.696	.026	.000
23	.696	.562	.000	.538	.536	1.05	1.53	.588	.510	.642	.011	.000
24	.588	.459	.000	.956	.484	.642	2.45	.536	.434	.642	.000	.000
25	.484	.410	.000	1.39	.434	.926	1.69	.536	.434	.615	.000	.000
26	.484	.337	.000	.838	.337	.898	1.49	.536	.536	.487	.000	.000
27	.434	.313	.000	.724	.337	.724	1.39	.536	.484	.290	.000	.000
28	.385	.243	.000	.724	.290	.868	1.35	.536	.434	.484	.000	.000
29	.385	.243	.000	.615	.243	.724	1.32	.484	.434	.459	.000	.000
30	.337	.413	.000	.536	.243	.697	1.26	.484	.410	.434	.000	.000
31	.337		.000		.200	.781		.484		.410	.000	.000
MOY	.655	.356	.170	.432	.484	.686	1.11	.893	.497	.724	.199	.000

DEBIT MOYEN ANNUEL

.521

M3/S

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.035	.127	.243	2.61	2.25	4.21	1.22	.752	.337	.200
2	.000	.000	.035	.143	.161	2.72	2.15	3.58	1.22	.752	.337	.161
3	.000	.000	.018	.095	.385	2.30	2.15	6.50	1.22	.696	.337	.126
4	.000	.000	.000	.180	.337	2.50	3.28	3.96	1.29	.696	.337	.095
5	.000	.000	.411	.411	.410	2.10	2.56	3.46	1.22	.642	.290	.068
6	.000	.000	.163	.161	.385	1.91		3.74	1.22	.642	.385	.045
7	.000	.000	.045	.126	.361	1.82	4.26	2.40	1.17	.588	.434	.026
8	.000	.000	.026	.095	.867	1.65	2.45	2.88	1.11	.588	.434	.026
9	.000	.000	.018	.081	.956	1.57	2.40	2.66	1.11	.588	.642	.011
10	.000	.000	.011	.068	.810	1.49	2.77	3.43	1.05	.588	.484	.011
11	.000	.000	.005	.045	.725	1.42	2.50	3.65	1.05	.536	.538	.000
12	.000	.000	.221	.045	.616	1.35	2.40	2.77	1.05	.536	1.02	.000
13	.000	.000	.161	.068	1.23	1.29	1.76	2.50	.986	.536	.590	.000
14	.000	.000	.126	.134	1.20	1.17	4.21	2.40	.986	.484	.410	.000
15	.000	.000	.095	.110	2.83	1.11	3.52	2.30	.986	.926	.361	.000
16	.000	.000	.055	.068	1.73	1.11	3.52	2.20	.926	.642	.337	.000
17	.809	.800	.068	.056	1.42	1.02	4.22	2.20	.926	.588	.337	.000
18	.290	.000	.068	.045	1.26	.897		2.05	.926	.588	.337	.000
19	.126	.000	.290	.035	3.21	.867	8.49	1.91	.867	.536	.385	.000
20	.095	.000	.126	1.54	1.80	.867	5.67	2.68	.867	.536	.385	.000
21	.068	.000	.095	.563	1.32	.867	5.18	1.91	.809	.484	.337	.000
22	.045	.000	.095	.410	1.14	1.61	4.55	1.82	.809	.434	.290	.000
23	.026	.000	.068	.337	1.17	2.50	4.28	1.82	.752	.385	.290	.000
24	.126	.000	.045	.290	1.61	1.86	3.89	1.73	.752	.385	.243	.000
25	.290	.000	.026	.243	2.73	2.75		1.65	1.05	.385	.243	.000
26	.126	.000	.095	.200	8.90	1.78	5.11	1.57	.926	.337	.290	.000
27	.068	.000	.068	.411	3.22	1.65	4.35	1.49	.926	.337	.385	.000
28	.045	.000	.045	.266		1.61	4.91	1.42	.867	.290	.290	.000
29	.026	.026	.045	.200	4.03	2.37	4.62	1.35	.809	.290	.243	.000
30	.026	.000	.026	.273	3.28	2.45	4.48	1.29	.809	.243	.243	
31	.011		.011		2.99	2.30		1.29		.243	.243	
MOY	.070	.001	.085	.228		1.73		2.54	.997	.524	.381	.027

STATION : TOGO MONO KOLOWARE KOLOWARE
 NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.035	.337	.000	2.94	2.61	5.61	5.39	1.82	.926	.536	.290
2	.000	.018	.200	.000	2.66	2.25	4.97	2.78	1.78	.926	.536	.290
3	.000	.011	.926	.000	2.50	1.95	10.9	8.62	1.73	.926	.536	.243
4	.000	.000	.588	.034	2.57	2.49	5.18	6.36	1.65	.926	.484	.243
5	.000	.000	.385	.313	1.95	1.86	4.90	6.92	1.61	.926	.484	.200
6	.000	.000	.337	.410	1.73	1.78	5.39	5.61	1.57	.867	.484	.200
7	.000	.000	.290	.484	1.73	2.35	6.02	9.98	1.46	.867	.484	.200
8	.000	.000	.243	.752	1.69	3.93		5.88	1.42	.867	.434	.161
9	.000	.000	.200	.536	1.91	2.51		4.90	1.39	.867	.434	.161
10	.000	.000	.484	.484	1.73	2.72		4.22	1.42	.809	.434	.126
11	.000	.000	.290	.536	2.15	2.45		4.98	1.35	.809	.434	.126
12	.000	.000	.243	.563	1.82	2.30		3.89	1.70	.809	.434	.095
13	.000	.000	.200	.460	2.21	2.25		3.90	1.46	.752	.434	.095
14	.000	7.13	.161	.459	2.20	2.05	9.91	5.62	1.35	.752	.484	.068
15	.000	1.60	.126	8.41	2.00	2.10		4.02	1.35	.752	.484	.068
16	.000	.588	.200	1.50	1.69	2.25		3.76	1.29	.696	.484	.045
17	.000	.536	.126	1.23	1.57		9.47	3.64	1.22	.696	.434	.045
18	.000	.484	.055	1.08	1.49	6.09	8.40	3.46	1.17	.696	.434	.026
19	.000	.385	.200	1.74	1.42	4.35	5.87	3.22	1.17	.642	.434	.026
20	.000	.337	.126	1.43	1.35	3.70	6.43	3.05	1.17	.642	.385	.011
21	.000	.290	.055	2.62	2.99	3.89	5.18	2.62	1.11	.642	.385	.000
22	.000	.243	.068	3.66	1.55	4.55		2.88	1.05	.588	.385	.000
23	.000	.200	.045	5.16	1.83	3.70	9.84	3.22	1.05	.588	.385	.000
24	1.23	.161	.026	2.83	1.31	3.34	7.13	2.83	1.05	.588	.385	.000
25	.897	.126	.026	2.92	1.34	2.94	4.96	3.16	.986	.588	.385	.000
26	.753	.126	.011	7.23	1.30			2.30	.986	.536	.385	.000
27	.435	.126	.011	3.03	3.31	5.81	9.19	2.25	.926	.536	.337	.000
28	.313	.095	.000	1.96	2.22	4.90	7.69	2.05	.926	.536	.337	.000
29	.221	.055	.000	2.56	1.98	4.48	7.20	2.00	.926	.536	.337	
30	.143	.161	.000	2.61	1.91	5.60	6.57	1.95	.867	.484	.290	
31	.081		.000		1.90	6.50		1.86		.484	.290	
MOY	.131	.425	.196	1.83	1.98			4.11	1.30	.718	.426	.097

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVR I	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.000	5.18	.867	1.29	.484	.243	.000	.000
2	.000	.000	.000	.000	.000	3.83	.809	1.49	.484	.200	.000	.000
3	.000	.000	.000	.000	.510	3.22	.960	1.29	.484	.161	.000	.000
4	.000	.000	.000	.000	.361	5.01	.926	1.22	.484	.126	.000	.000
5	.000	.000	.000	.000	.339	3.49	1.11	1.17	.434	.095	.000	.000
6	.000	.000	.000	.000	.337	2.25		1.11	.434	.068	.000	.000
7	.000	.000	.000	.000	.313	1.82	3.29	1.29	.434	.045	.000	.000
8	.000	.000	.000	.000	.221	1.69		1.22	.434	.026	.000	.000
9	.000	.000	.000	.000	.143	1.50	5.74	1.11	.385	.011	.000	.000
10	.000	.000	.000	.000	.266	1.42	4.28	1.05	.385	.000	.000	.000
11	.000	.000	.000	.000	.249	1.29	3.70	1.35	.385	.000	.000	.000
12	.000	.000	.000	.000	.411	1.20	3.22	1.11	.385	.000	.000	.000
13	.000	.000	.000	.000	2.79	2.05	2.88	1.05	.337	.000	.000	.000
14	.000	.000	.000	.000	1.20	1.20	2.61	.986	.337	.000	.000	.000
15	.000	.000	.000	.000	.868	1.33	2.10	.926	.337	.000	.000	.000
16	.000	.000	.000	.000	.752	1.32	2.50	.867	.337	.000	.000	.000
17	.000	.000	.000	.000	1.78	1.17	2.83	.867	.337	.000	.000	.000
18	.000	.000	.000	.000	1.14	1.29	2.35	.867	.337	.000	.000	.000
19	.000	.000	.000	.000	1.05	1.73	2.10	.809	.337	.000	.000	.000
20	.000	.000	.000	.000	4.64	1.19	1.73	.809	.337	.000	.000	.000
21	.000	.000	.000	.000	3.22	1.23	2.00	.752	.290	.000	.000	.000
22	.000	.000	.000	.000	2.25	1.17	1.78	.752	.290	.000	.000	.000
23	.000	.000	.000	.000	1.27	1.08	1.69	.696	.290	.000	.000	.000
24	.000	.000	.000	.000	1.02	.986	1.65	.696	.290	.000	.000	.000
25	.000	.000	.000	.000	.897	.926	1.61	.642	.290	.000	.000	.000
26	.000	.000	.000	.000	3.07	.926	1.57	.642	.290	.000	.000	.000
27	.000	.000	.000	.000	2.40	1.14	1.53	.642	.290	.000	.000	.000
28	.000	.000	.000	.000	1.96	1.02	1.49	.588	.243	.000	.000	.000
29	.000	.000	.000	.000	3.28	.926	1.42	.588	.243	.000	.000	
30	.000	.000	.000	.000	3.40	.926	1.32	.588	.243	.000	.000	
31	.000		.000		3.64	.897		.536		.000	.000	
MOY	.000	.000	.000	.000	1.41	1.75		.936	.356	.031	.000	.000

STATION : TOGO

MONO

KOLOWARE

KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	1.08	.781	6.57	5.67	1.92	1.11	.233	.110
2	.000	.000	.000	.000	1.74		5.25	4.48	1.83	1.11	.233	.110
3	.000	.000	.000	.000	1.08	9.27	5.54	4.22	1.74	1.11	.200	.090
4	.000	.000	.000	.000	.868	7.01	5.04	6.23	1.83	1.04	.200	.090
5	.000	.000	.000	.000	1.18	5.32	3.91	6.15	1.74	1.04	.200	.090
6	.000	.000	.000	.000	1.32	3.40	7.83	5.11	1.66	.971	.171	.090
7	.000	.000	.000	.000	1.23	3.11	4.88	4.55	1.57	.905	.171	.072
8	.000	.000	.000	.000	.781	11.4	7.85	3.89	1.57	.905	.171	.072
9	.000	.000	.000	.000	.724	3.96	7.70	4.35	1.70	.841	.171	.072
10	.000	.000	.000	.000	.897	3.28	6.16		1.74	.779	.171	.072
11	.000	.000	.000	.000	.928	2.72	6.57	6.57	1.66	.719	.147	.072
12	.000	.000	.000	.000	1.57	2.25	5.81	5.40	1.61	.719	.147	.056
13	.000	.000	.000	.000	1.93	7.51	4.63	4.83	1.70	.661	.147	.056
14	.000	.000	.000	.000	2.99	2.99	5.56	6.15	1.41	.605	.147	.056
15	.000	.000	.000	.000	3.77	2.56	5.39	5.04	1.19	.605	.147	.042
16	.000	.000	.000	.000	2.30	4.09	5.18	4.48	1.18	.551	.147	.042
17	.000	.000	.000	.000	3.77	2.45	4.22	4.21	1.11	.499	.126	.270
18	.000	.000	.000	.463	3.71	2.25	4.02	3.83	1.48	.448	.126	.271
19	.000	.000	.000	.725	3.22	2.61	3.64	3.58	1.04	.400	.126	.149
20	.000	.000	.000	6.36	3.77	3.25	4.54	3.46	.971	.354	.126	.110
21	.000	.000	.000	2.72	2.02	2.61		3.28	.971	.310	.126	.090
22	.000	.000	.000	1.23	2.95	3.28	6.50	3.16	1.33	.310	.126	.072
23	.000	.000	.000	1.11	1.32	2.40	5.67	3.83	1.18	.310	.110	.072
24	.000	.000	.034	1.11	1.19	10.7	5.65	4.15	1.07	.269	.110	.235
25	.000	.000	.045	1.02	1.11		6.86	3.70	1.18	.269	.110	.251
26	.000	.000	.026	1.02	1.05	11.3	10.0	3.40	1.07	.269	.110	.251
27	.000	.000	.011	.927	.986	9.77	5.74	2.56	.971	.269	.110	.200
28	.000	.000	.005	.781	1.08	7.65	6.85	2.45	1.08	.233	.110	.560
29	.000	.000	.000	.696	.867	4.76	5.18	2.30	1.26	.233	.110	
30	.000	.000	.000	.642	.838	5.81	4.55	2.15	1.11	.233	.110	
31	.000	.000	.000		.809	19.9		1.97		.233	.110	
MOY	.000	.000	.004	.626	1.71				1.40	.591	.147	.133

STATION : TOGO MONO KOLOWARE KOLCWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.359	.030	.186	.424	3.02	4.97		6.71	4.15	.779	.269	.090
2	.277	.030	.137	.310	2.06	3.64	11.6	5.18	4.15	.719	.269	.072
3	.639	.083	.126	.269	1.83			4.35	3.83	.719	.233	.072
4	.355	.083	.110	.310	1.53	6.43	10.4	4.36	3.40	.719	.233	.072
5	.251	.064	1.98	.354	1.33	5.53		4.41	3.22	.661	.233	.056
6	.449	.457	.310	.975	2.97	3.95		5.53	3.11	.661	.233	.056
7	.332	.404	.269	.606	1.85	3.95	9.33	6.65	2.99	.605	.200	.056
8	.251	.216	.216	.474	7.03	3.70	9.76	4.77	2.61	.605	.200	.056
9	.200	.171	.137	.424	2.83	3.46	9.41	5.81	2.30	.551	.200	.042
10	.159	.147	.118	.377	3.69	4.02	7.13	3.95	2.20	.551	.171	.042
11	.126	.126	.635	.401	3.01	10.3		5.74	2.06	.499	.171	.042
12	.126	.129	.332	1.81	10.7	6.43	11.7	11.8	1.97	.499	.171	.042
13	.110	.090	.216	.662	7.17	5.40		6.57	1.87	.499	.147	.042
14	.110	.090	.430	.500	3.89			5.67	1.79	.448	.147	.030
15	.090	.072	.290	.474			8.47	5.33	1.70	.448	.147	
16	.090	.384	.341	.474	4.49	8.83	7.41	4.83	1.61	.448	.147	
17	.090	.271	.251	.448	2.20	6.57	10.3	10.2	1.57	.400	.126	
18	.072	.128	.216	.400		8.76	7.99	5.53	1.49	.400	.126	
19	.072	.090	.171	.400	5.23		6.02	4.69	1.33	.400	.126	
20	.072	.081	2.71	.474	2.40	12.0	5.33	5.80	1.26	.400	.126	
21	.056	.064	.159	.424	2.99	8.19	5.04	4.28	1.26	.400	.126	
22	.056	.049	.255	.377	4.36	6.85	5.40	5.61	1.18	.354	.110	
23	.056	.042	.251	.290	3.89	6.57	4.89	5.60	1.11	.354	.110	
24	.042	.036	.216	.269	3.77	6.23	4.35	4.15	1.04	.354	.110	
25	.042	.030	.216	1.09	3.40	5.67	4.02	3.58	.971	.310	.110	
26	.042	.030	.465	7.41	5.72	5.18	3.83	4.08	.971	.310	.110	
27	.030	.030	.233	1.19	3.92		4.02	3.76	.905	.310	.110	
28	.030	.030	.186	.975	5.05		3.83	3.83	.841	.269	.110	
29	.030	.313	.159	1.15	6.02		3.76	3.70	.841	.269	.110	
30	.030	.218	.137	2.59	5.25		5.98	3.89	.779	.269	.090	
31	.030		.677		4.56	10.6		4.21		.269	.090	
MOY	.151	.132	.392	.878				5.31	1.95	.467	.157	.034

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			.030	.030	.056	8.90	8.05	2.40	.779	.269	.056	
2			.126	.030	.056	5.25	8.47	2.50	.779	.269	.056	
3			.551	.030	.056	2.40	10.2	3.28	.779	.233	.056	
4			.126	.030	.056	3.28	7.20	2.20	.779	.200	.056	
5			.110	.030	.233	3.28	5.54	2.11	.719	.200	.042	
6			.072	.030	.448	3.40	5.25	2.01	.719	.200	.042	
7			.042	.030	.605	5.40	4.97	2.01	.661	.171	.042	
8			.030	.030	.499	4.55	4.28	1.92	.661	.171	.042	
9			.072	.030	.448	3.89	4.55	1.92	.661	.147	.042	
10			.110	.030	.448		5.25	1.83	.661	.147	.042	
11			.072	.030	.310	9.04	9.76	1.41	.605	.147	.030	
12			.056	.030	.233	6.78	6.78	2.20	.605	.126		
13			.056	.030	.171	5.81	6.78	2.20	.605	.126		
14			.126	.056	.126	5.11	6.23	2.20	.605	.110		
15			.042	.072	.551	4.02	5.54	2.50	.551	.110		
16			.042	.056	.233	3.28		2.11	.551			
17			.042	.200	.233	10.3	7.34	1.92	.551			
18			.030	.110	.448	3.16	6.50	1.74	.551			
19			.030	.090	.499	8.61	6.64	1.57	.499			
20			.030	.056	.354	7.48	5.40	1.41	.499			
21			.030	.042	.269	5.40	6.92	1.33	.499			
22			.030	.056	.233	5.11	5.25	1.26	.448			
23			.030	.090	.354	4.15	5.25	1.11	.448			
24			.030	.072	2.01	3.64	5.11	1.11	.400			
25			.030	.056	1.04	4.02	7.20	1.04	.400			
26			.030	.042	.905	3.76	5.11	.971	.354			
27			.030	.042	.779	3.28	3.89	.905	.354			
28			.030	.056	.661		3.40	.905	.310			
29	.269		.030	.056	2.40	10.1	3.05	.841	.310			
30	.171		.030	.042	1.41	7.06	2.72	.841	.269			
31	.042		.030		17.0	7.62		.779		.030		
MOY	.018	.006	.069	.053	1.07			1.70	.554	.120	.026	.005

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEB
1			.000		.780	1.53	5.29	2.64	.980	.349	.130	.00
2			.030		1.08	1.37	8.47	2.41	.918	.310	.130	.00
3			.587		6.80	2.35	6.18	3.53	.857	.310	.130	.00
4			.277		1.45	2.01	4.98	3.16	.799	.273	.130	.00
5			.118		1.11	1.53	5.04	3.50	.799	.273	.130	.00
6			.081		1.01	3.83	5.88	3.25	.742	.273	.130	.00
7			.064	.030	.571	2.94	9.12	2.73	.742	.273	.130	.00
8			.049	.057	.873	2.86	7.00	2.50	.687	.240	.130	.00
9			.072	.202	.810	2.45	5.74	2.28	.587	.240	.107	.00
10			.110	.163	.719	5.20	5.28	2.03	.687	.240	.107	.00
11			.072	.070	.845	1.66	3.70	1.94	.635	.240	.107	.00
12			.056	.030	7.63	1.45	4.32	1.90	.635	.209	.107	.00
13			.056	.816	2.30		3.86	1.86	.584	.209	.107	.00
14			.126	.233	2.59	3.48		1.78	.584	.209	.107	.00
15			.042	.171	2.41	2.69	7.49	1.66	.584	.209	.107	.00
16			.042	.147	1.92	3.67	4.52	1.55	.535	.180	.107	.00
17				.126	1.79	2.87	4.19	1.55	.535	.042	.107	.00
18				.110	1.61	3.93	4.19	1.55	.484	.042	.107	.00
19				1.58	1.37	3.65	4.98	1.55	.484	.042	.107	.00
20				.944	1.22	5.95	5.71	1.47	.484	.042	.107	.00
21				.580	1.57	4.02	11.8	1.47	.437	.030	.107	.00
22				.335	1.83	6.20	3.94	1.39	.437		.107	.00
23				2.02	2.41	3.15	3.45	1.39	.437		.107	.00
24				.914	1.61		6.87	1.32	.392		.107	.00
25				.552	1.37	10.1	3.15	1.25	.392		.107	.00
26				.677	1.29	4.46	2.96	1.25	.392		.107	.00
27			.078	2.12	3.59	4.46	2.77	1.18	.392		.107	.00
28			.090	.875	2.51	5.29	4.66	1.18	.349		.107	.00
29			.072	.578	3.64	5.88	3.25	1.18	.349		.107	.00
30			.064	.972	2.73	4.87	2.96	1.11	.349		.107	.00
31			.043		2.01	3.97		1.04		.030	.086	
MOY	.000	.000	.089	.484	2.07			1.89	.579	.146	.113	.00

STATION : TUGO

MONO

KOLOWARE

KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1966-1967 (MB/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.015	.613	.437	.887	3.76	3.35	1.47	.535	.180	.000
2	.000	.000	1.55	.332	.392	.828	3.35	3.20	1.47	.535	.180	.000
3	.000	.000	.492	.224	.349	2.05	3.31	3.56	1.39	.535	.180	.000
4	.000	.000	.292	.194	.349	1.26	3.06	2.82	1.39	.484	.180	.000
5	.000	.000	.273	.180	.310	1.36	3.01	2.68	1.32	.484	.180	.000
6	.000	.000	.256	.434	.273	1.08		2.77	1.32	.484	.180	.000
7	.000	.000	.224	.355	.429	.949	4.90	2.91	1.25	.437	.130	.000
8	.000	.000	.194	.442	.240	.984	3.40	2.59	1.25	.437	.130	.000
9	.000	.000	.119	.370	.240	.980	2.96	2.32	1.18	.437	.130	.000
10	.000	.000	.119	.330	1.08	.887	3.92	2.07	1.18	.392	.130	.000
11	.000	.000	.119	.310	.510	1.04	3.55	5.04	1.18	.392	.130	.000
12	.000	.000	.130	.273	1.21	2.82	3.25	4.00	1.11	.349	.107	.000
13	.000	.000	.119	.273	1.11	2.37	3.73	2.24	1.11	.349	.107	.371
14	.000	.000	.119	.362	.800	1.99	4.13	2.11	1.04	.310	.107	.422
15	.000	.000	.107	.857	.635	2.65	3.01	1.98	.980	.310	.107	.194
16	.000	.000	.097	.799	.847	2.68	3.54	1.90	.980	.310	.086	.130
17	.000	.000	.077	.770	.510	2.24	3.50	2.20	.918	.273	.086	.130
18	.000	.000	.059	.715	.460	1.90	3.25	4.43	.857	.273	.086	.107
19	.000	.000	.042	.661	1.13	3.20	5.75	2.03	.799	.273	.067	.086
20	.000	.000	.015	.609	.800	2.82	4.02	1.82	.799	.273	.050	.067
21	.000	.000	.000	.559	.661	2.46	3.60	1.66	.742	.273	.050	.035
22	.000	.000	.300	.715	.559	2.11	3.66	2.07	.742	.273	.035	.021
23	.000	.000	.275	.609	1.12	10.6	3.40	1.86	.742	.273	.035	.010
24	.000	.175	.194	.980	1.11	2.41	2.52	1.66	.687	.273	.021	.000
25	.000	.256	.119	.717	1.77	4.59	3.66	1.55	.687	.273	.021	.000
26	.000	.194	.097	.559	1.05	3.26		1.55	.635	.240	.010	.000
27	.000	.121	.330	.921	.919	2.64	6.23	1.47	.635	.240	.000	.000
28	.000	.067	.224	.751	1.14	2.15	4.58	1.47	.584	.240	.000	.000
29	.000	.050	.180	.639	.981	2.46	4.19	2.03	.584	.240	.000	
30	.000	.035	.180	.460	.887	11.6	3.85	1.62	.584	.240	.000	
31	.000		.872		1.45	4.24		1.51		.240	.000	
MOY	.000	.030	.232	.534	.766	2.69		2.40	.987	.344	.087	.056

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.273	.180	.130	.858	3.09	2.07	3.35	1.62	.484	.349	.107
2	.000	.209	.119	.130	.687	5.18	2.19	3.10	1.55	.951	.310	.107
3	.000	.036	.077	.209	1.82	3.55	2.15	2.87	1.47	.609	.310	.036
4	.000	.067	.042	.273	1.40	3.20	2.03	3.06	1.39	.609	.310	.086
5	.000	.067	.147	.240	1.08	2.91	2.88	2.68	1.32	.559	.273	.067
6	.000	.067	.169	.209	.919	1.78	2.75	2.54	1.25	.484	.273	.067
7	.000	.050	.077	.180	4.87	1.47	2.33	2.46	1.18	.484	.273	.050
8	.000	.035	.067	.130	1.36	1.28	3.10	2.37	1.18	.484	.240	.050
9	.000	.107	.050	.107	1.08	1.14	11.2	2.11	1.11	.484	.240	.035
10	.000	.035	.035	.067	.980	2.28	5.10	2.15	1.04	.437	.240	.035
11	.000	.086	.021	.035	.887	1.90	4.52	1.98	.980	.437	.209	.021
12	.000	.057	.015	.035	.799	2.15	4.14	2.80	.918	.437	.209	.021
13	.000	.050	.005	.130	1.15	2.24	5.31	1.94	.918	.414	.209	.010
14	.000	.035	.154	.086	2.66	1.70	4.54	1.86	.918	.392	.209	.010
15	.000	.021	.209	.067	3.95	1.43	8.61	2.52	.857	.392	.180	.010
16	.000	.021	.086	.240	2.68	1.28	4.67	3.81	.857	.392	.180	.000
17	.000	.010	.077	.209	2.33	3.32		2.24	.857	.349	.180	.000
18	.000	.000	.180	.130	1.70	2.54	8.26	3.06	.799	.349	.180	.000
19	.000	.000	.180	.124	1.43	2.59	7.42	3.71	.799	.349	.130	.000
20	.000	.000	.119	.209	1.70	9.33	5.67	2.82	.742	.349	.130	.000
21	.000	.034	.077	.194	1.51	6.37	5.48	2.54	.742	1.10	.130	.000
22	.000	.109	.067	.488	1.39	4.19	4.46	2.96	.687	.661	.130	.000
23	.000	.057	.086	.330	1.28	3.65	4.41	2.41	.687	.484	.107	.000
24	.000	.067	.740	.292	1.60	3.40	4.41	2.15	.635	.484	.107	.000
25	.000	.050	.486	.224	1.99	3.35	3.86	2.03	.635	.437	.209	.000
26	.028	.035	.252	.194	1.70	3.15	3.65	1.94	.584	.437	.180	.000
27	.417	.224	.240	7.19	1.79	3.01	3.45	1.86	.584	.392	.180	.000
28	.227	.194	.209	2.10	1.63	2.82	6.07	1.70	.535	.392	.180	.000
29	.119	.155	.180	1.02	1.66	2.54	4.48	1.82	.535	.349	.130	.000
30	.068	.107	.180	.893	2.03	2.77	3.50	1.62	.484	.349	.130	
31	.051		.180		2.07	2.32		1.51		.349	.107	
MOY	.029	.080	.153	.529	1.71	2.97		2.45	.929	.480	.201	.026

STATION : TOGO MONO KOLOWARE KOLOWARE III

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.067	.067	.480	2.07	4.92	3.07	1.39	.484	.180	.000
2	.000	.000	.035	.067	.438	1.90	5.42	3.76	1.47	.484	.180	.000
3	.000	.000	.021	.059	.330	1.74	3.82	3.35	1.32	.437	.130	.000
4	.000	.000	.021	.224	.492	2.63	8.03	3.06	1.25	.437	.130	.000
5	.000	.000	.010	.155	.585	2.11	4.96	6.82	1.25	.437	.130	.000
6	.000	.000	.067	.107	.438	1.74	3.65	3.71	1.18	.392	.107	.000
7	.000	.000	.130	.086	.687	1.58	3.45	3.25	1.18	.392	.107	.000
8	.000	.000	.086	.086	.534	1.32	3.25	2.96	1.11	.392	.107	.000
9	.000	.000	.067	.067	.414	1.18	3.78	3.15	1.11	.392	.086	.000
10	.000	.000	.050	.050	.330	1.58	5.15	2.73	1.04	.349	.086	.000
11	.000	.000	.035	.059	.480	1.51	4.13	2.46	1.04	.349	.086	.000
12	.000	.000	.035	.086	1.29	3.60	4.31	2.37	.980	.349	.067	.000
13	.000	.000	.180	.067	.919	4.22	4.30	2.32	.980	.349	.067	.000
14	.000	.000	.130	.224	.770	3.57		2.24	.918	.349	.067	.000
15	.000	.000	.107	.392	.887	2.28	6.23	2.15	.918	.310	.050	.000
16	.000	.000	.086	.417	.688	2.03	4.98	1.98	.857	.310	.050	.000
17	.000	.000	.059	.330	2.06	1.86	8.25	1.86	.857	.310	.050	.000
18	.000	.000	.042	.256	1.29	1.78	4.46	1.78	.799	.273	.035	.000
19	.000	.000	.028	.224	1.08	1.99	3.92	1.70	.799	.273	.035	.000
20	.000	.000	.010	.180	1.28	1.58	3.76	1.62	.742	.273	.035	.000
21	.000	.043	.209	.785	1.11	1.83	3.45	1.55	.742	.273	.021	.000
22	.000	.060	.180	.893	1.01	4.66	3.30	1.78	.687	.240	.021	.000
23	.000	.119	.624	.661	2.34	3.06	3.15	1.62	.687	.240	.021	.000
24	.000	.077	.227	.559	3.63	2.77	2.96	1.39	.635	.240	.010	.000
25	.000	.107	.130	.688	2.40	2.50	3.40	1.78	.635	.240	.010	.000
26	.000	.067	.107	.438	1.62	2.37	2.87	1.70	.584	.209	.010	.000
27	.000	.050	.086	.256	1.51	3.07	7.00	1.70	.584	.209	.000	.000
28	.000	.467	.154	.224	1.40	2.46	4.35	1.62	.535	.209	.000	.000
29	.000	.210	.119	.209	1.28	2.32	3.81	1.39	.535	.209	.000	
30	.000	.119	.077	.180	1.25	2.15	5.86	1.32	.484	.180	.000	
31	.000		.042		3.05	1.98		1.25		.180	.000	
MOY	.000	.044	.105	.270	1.16	2.30		2.40	.910	.315	.061	.000

STATION : TOGO MONO KOLOWARE KOLOWARE

NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.000	.604	4.90	3.07	2.19	.528	.205	.055
2	.000	.000	.000	.000	.000	.578		11.3	1.97	.528	.205	.055
3	.000	.000	.000	.000	.000	.528	7.49	6.92	3.98	.480	.205	.036
4	.000	.000	.000	.000	.087	.480	5.81	5.20	2.23	.480	.205	.036
5	.000	.000	.000	.000	.238	.434	4.67	3.64	2.05	.480	.205	.036
6	.000	.000	.000	.000	.190	.553	4.05	8.91	1.96	.434	.175	.036
7	.000	.000	.000	.000	.146	.457	3.87	5.92	1.87	.434	.175	.017
8	.000	.000	.000	.000	.120	.412		4.17	1.79	.391	.175	.017
9	.000	.000	.000	.000	.224	.370	7.08	3.81	1.71	.391	.175	.017
10	.000	.000	.000	.000	.529		4.87	3.19	1.63	.349	.175	.017
11	.000	.000	.000	.000	.291	11.0	6.44	2.92	1.56	.349	.175	.000
12	.000	.000	.000	.000	.238	6.16	7.42	4.65	1.48	.349	.175	.000
13	.000	.000	.000	.000	.238	4.54	5.95	3.24	1.41	.310	.146	.000
14	.000	.000	.000	.000	.205	3.87	5.40	3.03	1.33	.310	.146	.000
15	.000	.000	.000	.000	.205	3.30	4.86	2.82	1.30	.310	.146	.000
16	.000	.000	.000	.000	.665	3.75	5.77	3.19	1.23	.310	.146	.000
17	.000	.000	.000	.000	2.23	5.27	5.47	2.72	1.16	.310	.146	.000
18	.000	.000	.000	.000	1.63	3.14	5.20	2.52	1.10	.273	.146	.000
19	.000	.000	.000	.000	1.56	2.62	5.00	2.42	1.03	.273	.120	.000
20	.000	.000	.000	.000	1.13	2.09	4.42	2.28	1.03	.273	.120	.000
21	.000	.000	.000	.000	1.06	2.67	4.11	2.23	.970	.273	.175	.000
22	.000	.000	.000	.000	.970	2.42	4.80	2.87	.970	.273	.175	.000
23	.000	.000	.000	.000	.909	2.23	4.54	2.42	.970	.273	.175	.000
24	.000	.000	.000	.000	1.34	1.88	9.16	2.23	.970	.238	.146	.000
25	.000	.000	.000	.000	1.06		3.87	2.05	.909	.238	.146	.000
26	.000	.000	.000	.000	1.00	5.54	3.19	1.96	.909	.238	.120	.000
27	.000	.000	.000	.000	.909	5.20	3.14	1.92	.850	.238	.097	.000
28	.000	.000	.000	.000	.910	5.00	6.30	2.09	.736	.238	.097	.000
29	.000	.000	.000	.000	1.04	4.86	4.93	1.87	.630	.238	.097	
30	.000	.000	.000	.000	.736	4.73	5.69	1.79	.578	.238	.055	
31	.000		.000		.682	10.1		1.67		.205	.055	
MOY	.000	.000	.000	.000	.663			3.51	1.42	.331	.152	.011

STATION : TOGO MONO KOLOWARE KOLOWARE

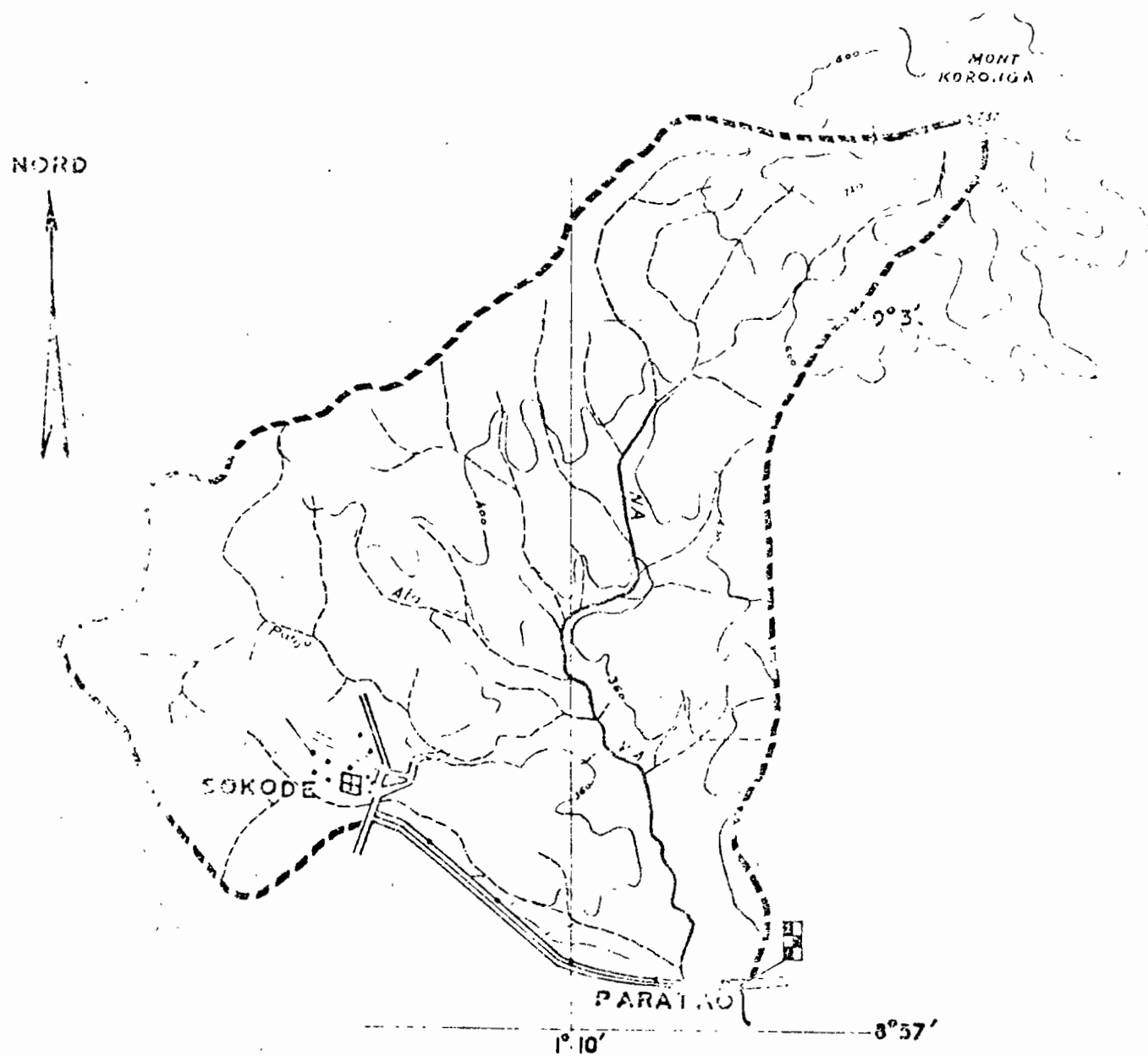
NUMERO : 47402003

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.055	.277	.711	3.63	3.63	.850	.205	.000	.000
2	.000	.000	.000	.036	.120	.711		3.41	.792	.175	.000	.000
3	.000	.000	.000	.017	.017	.459	8.05	3.30	.736	.175	.000	.000
4	.000	.000	.000	.017	.017	.480	6.16	2.97	.682	.175	.000	.000
5	.000	.000	.000	.000	.000	.434	5.47	2.97	.630	.175	.000	.000
6	.000	.000	.000	.000	.000	.391	9.13	2.77	.630	.146	.000	.000
7	.000	.000	.000	.175	.000	6.46	6.09	2.56	.578	.146	.000	.000
8	.097	.000	.000	.097	.000	1.60		2.37	.578	.146	.000	.000
9	.146	.000	.000	.017	.000	1.16	7.76	2.18	.578	.120	.000	.000
10	.175	.000	.000	.000	.000	2.16	6.71	2.00	.480	.120	.000	.000
11	.175	.000	.000	.017	.000	2.12	7.55	1.83	.434	.120	.000	.000
12	.146	.000	.000	.175	.000	1.46	8.90	1.83	.391	.097	.000	.000
13	.097	.000	.000	.097	.000	1.16	7.98	1.75	.391	.097	.000	.000
14	.055	.000	.000	.017	.000	1.03	6.43	1.59	.391	.097	.000	.000
15	.036	.000	.000	.000	.017	9.08	5.40	1.52	.349	.097	.000	.000
16	.017	.000	.000	.097	.017	2.14	4.23	1.44	.349	.097	.000	.000
17	.000	.000	.000	.045	.000	3.50	3.41	1.37	.310	.055	.000	.000
18	.000	.000	.000	.017	.000	2.14		1.30	.310	.055	.000	.000
19	.000	.000	.000	.000	.120	2.77	11.0	1.23	.273	.036	.000	.000
20	.000	.000	.000	.000	.097	2.52	4.38	1.16	.273	.036	.000	.000
21	.000	.000	.000	.000	.109	2.92	4.48	1.16	.273	.036	.000	.000
22	.000	.000	.000	.000	.262	2.37	5.40	1.10	.273	.017	.000	.000
23	.000	.000	.000	.000	.255	5.35	3.61	1.10	.273	.017	.000	.000
24	.000	.000	.000	.000	.190	7.75	4.92	1.10	.238	.017	.000	.000
25	.000	.000	.136	.000	.133	3.46	3.41	1.03	.238	.000	.000	.000
26	.000	.000	.228	.000	.120		3.03	1.03	.238	.000	.000	.000
27	.000	.000	.160	.000	.120	8.12	6.52	1.03	.205	.000	.000	.000
28	.000	.000	.222	.000	.097	9.07	4.42	.970	.205	.000	.000	.000
29	.000	.000	.160	.073	.289	4.74	4.29	.970	.205	.000	.000	
30	.000	.000	.120	.863	.558	4.11	3.87	.970	.205	.000	.000	
31	.000		.097		.400	4.36		.909		.000	.000	
MOY	.030	.000	.036	.061	.104			1.76	.412	.079	.000	.000

NA A PARATAO

BASSIN VERSANT = 97 Km²



Echelle: 1:100.000

Code : 47 40 22 03

bassin versant : 97 km²

CARACTERISTIQUES DE LA STATION

Station gérée par l' O.R.S.T.O.M.

Coordonnées : 8° 57' N - 1° 11' E

Cote du zéro de l'échelle : 335 m. environ, en nivellement I.G.N.

Accès : Pont de la route Sokodé - Paratao - Tchamba

Installations :

Station mise en service le 2 Mars 1957.

Elle comprend, sur la pile rive droite, un élément de 0 à 1 m. monté sur fer cornière et une échelle de 1 à 5 mètres fixée sur une planche scellée sur la pile.

Lectures :

Deux lectures par jour, à 6 et 18 heures. Bonne qualité.

Jaugeages - Courbes de tarage

Bien que la section soit rocheuse, on a dû distinguer quatre courbes de tarage, peu différentes, du reste, les unes des autres.

Ces courbes ont été tracées avec 51 jaugeages compris en 0 et 4,65 m³/s, soit une cote de 1,00 mètre à l'échelle (le 19-9-69).

L'étalonnage de cette station est encore insuffisant et les débits doivent être trop souvent extrapolés.

CARACTÉRISTIQUES DU BASSIN

Hypermétrie

de 787 à 700 m.	3,2 %
700 à 600	3,8
600 à 500	3,3
500 à 400	23,3
400 à 335	66,4

Altitude moyenne du bassin : 425 mètres.

Relief et Géologie :

Relief assez accidenté, sur gneiss à deux micas du Dahoméen (Pré-cambrien). Le bassin du Na a donc un sous-sol relativement différent de celui de KOLOWARE (micaschistes) ; les deux bassins sont pourtant adjacents, c'est-à-dire qu'une partie de la ligne de partage des eaux leur est commune.

Végétation :

Savane arbustive - Quelques cultures

STATION : TOGO

MCNO

NA

PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBV
1		.000		1.45	3.10	2.45	3.79	2.84	1.57	6.19	1.13	.068
2	.010	.000	8.17	.028	1.03	1.68	2.86	2.73	1.41	7.95	.631	.102
3	.005	.000		.028	.007	1.79	2.73	5.50	1.41	3.16	.535	.033
4	.003	.000		15.0	.003	3.67	2.44	2.66	1.41	1.66	.860	.038
5	.002	.001		5.61	6.89	2.47	19.2	6.33	1.37	1.32	.491	.010
6	.001	.008	7.27	.191	2.05	2.49	4.70	2.76	1.26	1.19	1.21	.010
7	.001			.004	.603	1.64	4.30	2.53	1.28	1.15	.893	.010
8	.000			.111	.184	12.3	5.83	3.06	1.24	1.01	.463	.010
9	.000	.313		.210	.793	3.21	4.35	3.62	1.19	1.01	.391	.006
10	.000		11.7	.003	.211	4.76	4.02	5.12	1.15	.978	.217	.010
11	.001			.006	.105	5.58	3.44	2.53	1.05	.995	.191	.053
12	.002			.002	.007	8.26	2.82	2.50	2.92	.810	.102	.053
13	.000				.210	2.96	4.42	2.34	1.41	.793	.068	.053
14	.000			6.44	.535	2.50	4.44	16.9	1.32	.810	.085	.053
15	.000		5.13	2.02	.337	7.01	3.66	3.54	.944	.777	.085	.023
16	.000			.184	1.46	2.37	3.93	3.71	.910	.777	.149	.023
17	.000			25.0	.695	2.56	16.2	3.98	.927	.727	.302	.023
18	.000	.002	1.25	.735	.599	2.44	4.88	3.27	.850	.695	.302	.023
19	.000			2.50	.477	2.22	4.02	2.61	.860	.695	.232	.023
20	.000			13.7	.505	2.77	4.03	2.53	1.03	.567	.221	.008
21	.000			1.52	.728	35.4	3.28	2.53	.893	.567	.242	.008
22	.000	.246	9.11	.812	.826	5.30	4.99	2.63	.826	.567	.120	.008
23	.000			.256	1.95	4.94	3.75	2.47	.760	.567	.120	.006
24	.000			1.24	.829	12.8	2.96	2.40	.826	.567	.093	.006
25	.000	.697		.265	.567	4.24	7.86	2.22	.760	.505	.069	.006
26	.000			1.46	.447	3.09	3.48	1.82	.727	.475	.068	.006
27	.000		.513	.412	3.77	2.13	11.5	1.95	.695	.475	.068	.006
28	.000	2.45	.115	.267	.979	2.56	4.66	2.56	.793	.475	.068	.006
29	.000		1.88	.031	1.05	5.29	6.42	1.93	.727	.475	.068	
30	.000	3.58	1.03	17.0	.928	3.77	3.18	2.08	.760	.446	.060	
31	.000		.380		3.17	3.14		1.62		.446	.053	
MCY	.001	.545	5.77	3.33	1.13	5.09	5.27	3.39	1.11	1.25	.309	.025

DEBIT MOYEN ANNUEL

2.28 M3/S

STATION : TOGO

PCNO

NA

PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.006	.008	.000	.000	.012	.076	.396	1.37	.050	.020	.020	.000
2	.006	.008	.000	8.48	.006	.123	.318	.738	.050	.016	.020	.000
3	.008	.008	.000	.197	6.17	.055	.424	1.38	.029	.034	.020	.000
4	.053	.008	.000	.012	2.87	.050	.123	5.54	.029	.005	.029	.000
5	.053	.023	.000	.012	.086	.041	.150	2.43	.020	.005	.020	.000
6	.301	.008	.000	.012	.006	.080	.318	.294	.020	.005	.012	.000
7	.123	.008	.000	.430	.012	.050	6.26	.259	.020	.005	.012	.000
8	.068	.008	.000	.016	.012	.072	24.8	.458	.012	.005	.012	.000
9	.068	.008	.000	1.26	.016	.083	4.36	.820	.237	.064	.005	.000
10	.038	.008	.000	.012	4.08	.106	.664	19.5	.062	5.92	1.36	.000
11	.038	.008	.000	.012	.799	.090	.370	.330	.039	2.93	.758	.000
12	.008	4.06	.000	.012	.118	3.24	.169	.248	.039	.483	.076	.000
13	.008	.094	.000	.006	.012	.037	.228	.293	.020	.382	.034	.000
14	.008	.006	.000	.006	6.17	.123	.188	.330	.050	.169	.029	.000
15	.008	.000	.000	.012	2.00	.114	.397	.227	.076	.141	.024	.000
16	.008	.000	.000	3.62	.086	14.0	.150	1.56	.050	.123	.012	.034
17	.198	.000	.000	.086	.000	.629	.410	.141	.050	.106	.012	.000
18	.178	.000	12.3	5.55	.000	.071	7.45	.123	.039	.090	.012	.000
19	.102	5.82	5.89	.459	.000	.160	1.65	.123	.222	.090	.012	.000
20	.038	1.16	.382	.016	.000	1.79	7.10	.123	.780	.090	.012	.000
21	.053	.012	.006	6.17	.039	.459	.919	.106	.268	.090	.005	.000
22	.023	.000	.000	.889	.076	.010	.455	.106	.098	.076	.005	.000
23	.023	.000	.000	7.28	.106	.000	32.4	.090	.069	.062	.005	.000
24	.023	.000	.000	.086	.090	.529	21.0	.076	.050	.050	.000	.000
25	.008	.000	.000	.713	.141	5.14	1.14	.062	.099	.039	.000	.000
26	.008	.000	.000	.086	.123	.201	.514	.076	.051	.039	.000	.000
27	.008	.000	1.52	.568	.090	.020	4.13	.076	.044	.039	.000	.000
28	.008	2.25	.541	1.12	.050	.150	.940	.076	.039	.029	.000	.000
29	.053	.010	.568	.382	.062	.150	.442	.062	.029	.029	.000	
30	.008	.000	.000	.090	.076	1.98	.394	.062	.020	.020	.000	
31	.008		.000		.076	.519		.062		.020	.000	
MCY	.050	.450	.684	1.25	.754	.972	3.94	1.20	.089	.360	.081	.001

DEBIT MOYEN ANNUEL .819 M3/S

STATION : TCGO

PCNO

NA

PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.003	1.07	1.36	2.93	.282	.090	.005	.000
2	.000	.000	.000	.000	.003	.878	1.12	1.87	.293	.076	.005	.000
3	.000	.000	.000	.000	.073	.738	1.26	21.3	.369	.076	.000	.000
4	.000	.000	.000	.000	.091	1.01	1.90	2.36	.440	.076	.000	.000
5	.000	.000	.000	.000	.039	.720	1.23	1.95	.293	.076	.000	.000
6	.000	.000	.000	.000	.016	.595	4.28	1.78	.259	.062	.000	.000
7	.000	.000	.000	.000	1.33	.498	2.87	1.56	.237	.062	.000	.000
8	.000	.000	.000	.000	.248	.396	1.98	1.36	.217	.062	.005	.000
9	.000	.000	.000	.000	1.89	.355	2.40	1.62	.197	.050	.005	.000
10	.000	.000	.000	.000	.179	.396	4.92	2.43	.178	.050	.020	.000
11	.000	.000	.000	.000	.090	.306	5.60	4.02	.178	.039	.012	.000
12	.000	.000	.000	.000	.228	.248	2.10	1.54	.160	.039	.076	.000
13	.000	.000	.000	.000	1.05	.237	2.30	1.26	.160	.039	.062	.000
14	.000	.000	.012	.000	4.60	.227	2.10	1.16	.160	.039	.039	.000
15	.000	.000	.000	.000	.414	.197	2.90	1.09	.160	.050	.029	.000
16	.000	.000	.000	.000	1.97	.169	3.26	.983	.160	.039	.012	.000
17	.000	.000	.000	.000	.579	.150	5.09	.940	.160	.039	.012	.000
18	.000	.000	.000	.000	.217	.132	53.2	.898	.132	.039	.012	.000
19	.000	.000	.000	.809	3.23	.123	19.7	.816	.114	.029	.012	.000
20	.000	.000	.000	.933	1.12	.123	3.55	.856	.123	.020	.012	.000
21	.000	.000	.000	.338	.545	.611	9.60	.816	.123	.012	.012	.000
22	.000	.000	.000	.063	.259	.369	3.41	.816	.515	.020	.005	.000
23	.000	.000	.000	.029	2.58	.479	2.64	.664	.150	.020	.000	.000
24	.000	.000	.000	.016	1.14	1.03	2.53	.629	.123	.020	.000	.000
25	.000	.000	.000	.012	.614	2.06	8.55	.629	.150	.020	.000	.000
26	.000	.000	.000	.005	13.3	.858	3.27	.529	.123	.020	.000	.000
27	.000	.000	.000	.012	1.67	.682	4.82	.438	.114	.020	.000	.000
28	.000	.000	.000	.005	5.91	.816	5.51	.409	.090	.012	.000	.000
29	.000	.000	.000	.005	1.70	2.33	3.02	.355	.090	.005	.000	.000
30	.000	.000	.000	.003	1.26	1.57	2.36	.330	.090	.005	.000	.000
31	.000	.000	.000		1.63	1.32		.305		.005	.000	
MCY	.000	.000	.000	.074	1.55	.668	5.63	1.89	.195	.039	.011	.000

DEBIT MOYEN ANNUEL

.836

M3/S

STATION : TOGO

MONO

NA

PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.009	.000	.898	.562	1.84	3.55	.738	.141	.062	.005
2	.000	.000	.144	.000	.693	.468	1.56	10.7	.664	.141	.050	.005
3	.000	.000	.098	2.06	.799	.795	5.14	4.64	.629	.160	.050	.005
4	.000	.000	.076	.107	.703	.595	2.80	3.09	.595	.160	.029	.000
5	.000	.000	.048	2.58	.839	.698	2.50	3.31	.595	.217	.050	.000
6	.000	.000	.013	.091	.839	2.55	3.03	2.80	.529	.178	.050	.000
7	.000	.000	.684	2.06	.579	3.73	6.97	4.36	.498	.160	.050	.000
8	.000	.000	.275	.209	3.23	2.77	2.62	3.09	.467	.141	.039	.000
9	.000	.000	.703	.132	1.16	4.72	4.94	2.33	.438	.141	.029	.000
10	.000	.000	.221	.098	.919	2.33	4.95	2.03	.409	.141	.029	.000
11	.000	.000	.069	.083	.857	6.46	3.22	2.90	.382	.141	.029	.000
12	.000	.000	.044	.187	.738	1.23	18.5	2.11	.330	.123	.029	.000
13	.000	.558	.039	.125	3.14	6.18	4.64	1.98	.738	.123	.039	.000
14	.350	.151	.024	.062	1.24	2.17	3.55	3.71	.467	.106	.039	.000
15	.048	.024	.031	8.91	.839	1.14	4.03	2.11	.438	.106	.039	.000
16	.000	.020	.012	1.73	.612	.757	3.22	1.90	.382	.106	.039	.000
17	.000	.020	.020	2.15	.561	8.03	2.57	1.90	.355	.106	.029	.000
18	.000	.012	.012	2.03	.498	3.01	2.68	1.62	.282	.123	.029	.000
19	.000	.020	.020	5.94	.529	4.94	4.63	1.51	.282	.123	.029	.000
20	.000	.012	.012	1.09	.482	3.18	2.87	1.41	.259	.090	.029	.000
21	.000	.012	.005	.282	.503	3.75	2.61	1.31	.237	.090	.029	.000
22	.000	.012	.005	12.6	.455	1.32	15.6	1.31	.237	.076	.062	.000
23	1.47	.005	.000	7.81	1.55	1.05	3.83	1.12	.217	.076	.039	.000
24	.395	.005	.000	11.3	.701	.858	3.22	1.03	.197	.076	.039	.000
25	.194	.000	.000	2.20	.529	5.56	2.72	1.03	.197	.076	.029	.000
26	.044	.000	.000	.098	.944	1.76	6.50	.983	.178	.090	.029	.000
27	.016	.000	.000	3.23	1.09	1.30	3.55	.940	.160	.090	.012	.000
28	.005	.000	.000	1.47	1.15	1.36	3.09	.898	.141	.076	.012	.000
29	.000	.000	.000	.983	.882	1.26	3.55	.983	.141	.050	.012	
30	.000	.000	.000	.983	.500	7.42	2.80	.816	.160	.050	.005	
31	.000		.000		.760	1.76		.777		.050	.005	
MCY	.082	.028	.003	2.44	.944	2.70	4.40	2.33	.378	.114	.034	.001

DEBIT MOYEN ANNUEL

1.14 M3/S

STATION : TCGO MOND NA PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAY	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.063	1.12	.123	.950	.090	.005		
2	.000	.000	.000	.000	2.47	.962	.259	.563	.090	.000		
3	.000	.000	.000	.034	.394	.757	.306	.384	.076	.000		
4	.000	.000	.000	.000	.294	.647	.259	.270	.076	.000		
5	.000	.000	.000	.000	.237	.498	.209	.294	.062	.000		
6	.000	.000	.000	.000	.282	.438	9.77	.677	.062	.000		
7	.000	.000	.000	.000	.399	.382	.741	2.63	.050	.000		
8	.000	.000	.000	.000	.062	.355	3.42	.823	.050	.000		
9	.000	.000	.000	.000	.062	.799	2.68	.631	.050	.000		
10	.000	.000	.000	.000	.050	.455	1.98	.356	.050	.000		
11	.000	.020	.000	.000	.294	.306	.920	.545	.029	.000		
12	.000	.005	.000	.000	5.23	.259	1.20	.330	.029	.000		
13	.000	.000	.000	.000	5.05	1.68	1.07	.282	.029	.000		
14	.000	.000	.000	.000	1.12	.483	.878	.259	.029	.000		
15	.000	.000	.000	.000	.488	.282	.595	.227	.029	.000		
16	.000	.000	.000	.000	.282	.259	.578	.227	.029	.000		
17	.000	.000	.000	.000	5.36	.259	.892	.227	.029	.000		
18	.000	.000	.000	.000	3.54	.259	.612	.187	.020	.000		
19	.000	.000	.000	.000	5.48	.259	.545	.169	.020	.000		
20	.000	.000	.000	.000	1.22	.259	.551	.614	.012	.000		
21	.000	.000	.000	.284	.613	.237	.529	.169	.005	.000		
22	.000	.000	.000	5.14	.410	.217	.438	.160	.005	.000		
23	.000	.000	.000	2.11	.293	.123	.786	.141	.005	.000		
24	.000	.000	.000	.988	.228	.090	.722	.320	.005	.000		
25	.000	.000	.000	.005	.141	.076	.468	.150	.000	.000		
26	.000	.000	.000	.005	8.82	.529	.382	.132	.000	.000		
27	.000	.000	.000	.009	1.10	.259	.355	.123	.000	.000		
28	.000	.000	.000	.003	.757	.259	.369	.114	.000	.000		
29	.000	.000	.000	.000	.700	.197	.343	.106	.000	.000		
30	.000	.000	.000	.000	.631	.160	.293	.106	.005	.000		
31	.000		.000		2.16	.141		.090		.000		
MCY	.000	.001	.000	.286	1.55	.420	1.08	.395	.031	.000		

STATION : TOGO MCNO NA PARATAO

NUMERO : 47402203

DEBITS MCYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1											.150	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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24												
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26												
27												
28												
29												
30												
31												

MCY

STATION : TOGO

MONO

NA

PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			.238	.098	1.19	2.36	4.47	2.20	4.16	.731	.380	.187
2			.141	.083	.562	3.27	4.30	2.64	2.50	.731	.380	.165
3			.069	.069	.454	5.23	17.3	2.07	2.29	.699	.380	.165
4			.050	.050	.382	4.77	4.58	3.95	2.18	.668	.354	.144
5			.050	.581	.454	3.19	35.9	4.81	2.09	.668	.304	.144
6			.141	.320	.369	2.50	6.98	3.93	1.88	.637	.304	.123
7		.062	.150	.141	.330	2.20	3.75	3.05	1.75	.637	.329	.123
8		.050	.114	.123	8.11	1.90	18.7	2.50	1.68	.637	.304	.103
9		.050	.069	.098	1.28	1.84	4.93	2.29	1.61	.637	.304	.103
10		.039	.050	.090	2.00	3.30	3.26	3.01	1.54	.606	.279	.103
11		.039	.044	.090	2.91	2.33	14.7	2.67	1.50	.606	.279	.103
12		.039	.440	.421	35.5	3.42	5.05	6.85	1.41	.546	.256	.103
13		.029	.090	.199	2.44	13.4	4.64	2.80	1.35	.606	.256	.084
14		.020	.083	.141	1.98	50.1	4.70	2.50	1.25	.576	.256	.084
15		.020	.518	.107	4.86	6.45	4.64	2.29	1.19	.546	.232	.103
16		.029	.150	.090	2.23	4.47	3.86	6.53	1.17	.489	.232	.084
17		.039	.058	.083	1.62	3.80	3.36	3.05	1.13	.489	.256	.084
18		.044	.083	.083	17.2	3.31	3.09	3.21	1.13	.461	.304	.064
19		.016	.083	.125	4.28	12.1	3.00	2.47	1.10	.433	.279	.064
20		.009	.076	.106	3.00	3.81	2.72	2.52	1.10	.433	.256	.046
21		.005	.069	.090	2.33	3.23	2.46	2.53	1.03	.433	.232	.046
22		.005	.069	.090	2.43	3.22	5.49	27.8	.924	.433	.256	.046
23		.005	.133	.062	4.98	3.04	3.00	3.75	.962	.433	.232	.064
24		.005	.083	.056	2.96	15.8	2.57	3.87	.900	.406	.209	.064
25		.003	.056	.050	2.64	7.24	2.26	7.68	.865	.380	.232	.046
26		.005	.076	1.70	2.29	2.88	2.08	3.42	.831	.380	.256	.046
27		.010	.056	.270	5.73	46.1	5.99	2.96	.764	.354	.256	.028
28		.118	.050	.727	2.92	6.53	4.39	2.67	.764	.380	.232	.028
29		.169	.044	.596	3.91	15.4	2.53	2.53	.764	.380	.232	.028
30		.259	.044	1.84	3.50	6.45	2.36	2.31	.764	.406	.209	
31			.516		2.61	5.10		3.05		.380	.187	
MOY	.085	.050	.127	.286	4.11	8.02	6.24	4.13	1.42	.523	.273	.080

DEBIT MOYEN ANNUEL : 2.13 M3/S

STATION : TOGO MCNO NA PARATAO

ALPERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.010	.329	1.98	.165	.209	3.18	8.35	2.26	.797	.304	.187	.093
2	.010	.103	.831	.900	5.52	2.44	3.91	2.26	.764	.279	.187	.055
3	.010	.165	.606	.354	2.76	2.15	3.27	2.09	1.06	.279	.165	.055
4	.010	.187	.354	.256	2.04	1.93	3.00	1.93	.797	.256	.176	.046
5	.008	.103	.232	.764	1.21	1.88	7.28	1.59	.764	.256	.165	.055
6	.008	.084	.433	.489	2.84	2.38	3.09	2.69	.731	.279	.811	.046
7	.008	.084	.187	.304	1.68	1.83	3.47	1.68	.699	.256	.304	.037
8	.006	.084	.165	.232	1.13	3.37	3.58	1.59	.637	.256	.256	.037
9	.006	.064	.209	.209	.489	3.47	3.00	1.41	.637	.232	.221	.046
10	.004	.046	.187	.232	.764	4.02	6.13	1.41	.606	.209	.221	.023
11	.004	.046	.144	.209	.731	5.40	3.58	1.28	.637	.209	.209	3.90
12	.002	.046	.354	.187	.606	3.09	7.54	1.25	.606	.187	.187	.392
13	.002	.023	1.93	.517	.606	2.62	3.18	1.21	.546	.209	.187	.210
14	.004	.010	.831	.232	.764	2.38	17.6	1.13	.546	.187	.187	.165
15	.004	.008	.668	.187	1.28	4.13	20.0	1.68	.517	.187	.176	.144
16	.304	.008	.380	.209	1.03	3.18	7.28	1.17	.489	.187	.144	.123
17	.187	.406	.279	.731	.994	2.92	10.2	1.13	.461	.165	.144	.123
18	.028	.606	.380	.668	1.25	3.18	21.6	1.13	.461	.187	.144	.103
19	.010	1.45	.406	1.54	1.17	2.62	6.13	1.10	.433	.209	.144	.103
20	.008	.461	.232	.461	.900	3.27	5.76	1.06	.406	.123	.123	.103
21	.006	.279	.329	.433	2.38	7.54	3.47	.994	.354	.187	.123	.084
22	.046	.209	.256	.329	3.47	3.80	3.37	.900	.354	.209	.123	.084
23	.008	.187	.232	.406	1.41	3.27	3.18	1.10	.354	.461	.103	.064
24	.004	.187	.187	.433	.606	2.44	16.7	1.17	.354	.304	.103	.064
25	.006	.165	.209	.279	2.62	2.92	3.91	1.21	.354	.232	.103	.064
26	.329	.144	.433	.433	.831	4.70	2.92	1.21	.304	.256	.103	.046
27	.084	.256	.256	.279	17.8	3.18	2.50	1.10	.279	.209	.123	.046
28	4.81	.209	.209	.304	3.91	3.09	2.44	.994	.279	.187	.123	.046
29	2.26	.144	.187	.256	2.92	2.62	2.32	.930	.279	.187	.103	
30	1.13	.123	.187	.232	1.21	2.32	2.26	.865	.304	.232	.084	
31	.668		.165		9.19	2.38		.831		.187	.103	
MCY	.322	.207	.434	.408	2.40	3.15	6.37	1.37	.527	.229	.179	.227

DEBIT MOYEN ANNUEL

1.32 M3/S

STATION : TOGO MCNO NA PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.046	.000	.037	.103	.576	1.04	1.80	1.66	.461	.165	.084	.008
2	.037	.000	.004	.093	.489	.978	2.84	1.81	.433	.165	.084	.008
3	.010	.000	1.75	.074	4.40	.962	2.81	2.22	.406	.165	.046	.006
4	.010	.000	.246	.145	1.93	.962	2.36	1.97	.380	.165	.046	.004
5	.057	.000	.155	.103	1.10	1.03	1.88	1.45	.354	.144	.046	.004
6	.008	.000	.144	.084	1.17	1.04	4.99	1.26	.380	.144	.028	.004
7	.008	.000	.064	.064	1.27	.978	2.92	1.13	.354	.165	.028	.004
8	.008	.000	.113	.037	.864	1.01	3.81	1.32	.329	.165	.028	.004
9	.007	.000	.093	.163	.715	1.35	2.89	1.75	.279	.144	.046	.004
10	.006	.000	.065	.144	.685	.981	2.53	1.68	.304	.144	.046	.002
11	.005	.000	.190	.064	1.06	.781	3.95	.866	.304	.144	.028	.002
12	.007	.000	.103	.055	8.23	.715	2.53	.814	.304	.144	.046	.002
13	.007	.000	.177	.065	2.89	10.1	2.35	1.06	.304	.144	.046	.001
14	.265	.000	.134	.900	2.50	2.21	2.85	1.01	.279	.123	.046	.001
15	.055	.000	.084	.380	2.21	37.2	3.54	.914	.256	.123	.028	.001
16	.028	.000	.064	.280	1.88	4.36	3.54	1.03	.256	.123	.046	.001
17	.010	.000	.064	.221	1.63	14.3	3.28	.900	.232	.123	.046	.001
18	.008	.000	.064	.197	1.41	4.41	2.59	.831	.209	.123	.064	.001
19	.008	.000	.064	.293	1.43	3.09	2.47	.814	.187	.103	.064	.001
20	.008	.000	.074	1.57	1.32	4.13	4.76	.748	.187	.103	.046	.001
21	.004	.000	.064	4.16	1.61	4.47	2.15	.748	.209	.103	.046	.001
22	.006	.000	.084	.946	1.54	1.93	1.78	.748	.209	.103	.046	.001
23	.004	.000	.055	2.27	1.45	1.78	2.24	.748	.209	.084	.046	.001
24	.004	.000	.046	1.07	1.29	2.32	1.93	.652	.209	.084	.046	.001
25	.002	.000	.028	1.08	1.11	1.88	1.88	.668	.209	.103	.028	.001
26	.002	.000	.046	.896	1.10	2.24	1.83	.621	.209	.103	.028	.000
27	.001	.028	.951	1.55	1.63	1.78	6.53	.532	.187	.103	.010	.000
28	.001	.001	.454	.881	1.52	2.83	2.23	.765	.187	.084	.008	.000
29	.001	.000	.257	1.26	1.41	4.92	2.23	.576	.165	.084	.006	
30	.000	.004	.165	1.08	1.33	2.15	1.86	.503	.165	.103	.006	
31	.000		.134		1.06	1.85		.475		.103	.008	
MCY	.020	.001	.193	.674	1.70	3.87	2.84	1.04	.272	.125	.039	.002

DEBIT MOYEN ANNUEL

.905 M3/S

STATION : TCGO

MCNO

NA

PARATAO

ALMERO : 47402203

DEBITS MCYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.010	.631	.365	.535	4.08	2.47	.893	.198	.053	.004
2	.000	.000	.064	.266	.254	.928	2.89	3.35	.876	.198	.085	.007
3	.000	.000	.028	.085	.220	1.50	2.84	2.19	.777	.198	.053	.006
4	.000	.010	.010	.121	.220	1.32	2.50	2.01	.678	.198	.038	.006
5	.000	.004	.006	.053	.209	1.22	2.22	2.07	1.07	.198	.053	.004
6	.000	.001	.123	.094	.168	1.37	4.10	1.50	.744	.198	.038	.006
7	.000	.001	.103	.200	.017	1.24	3.71	3.26	.646	.198	.085	.004
8	.000	.001	.084	.340	.009	1.10	2.47	1.82	.598	.178	.053	.006
9	.000	.000	.064	.366	.007	1.31	5.53	1.59	.520	.178	.038	.006
10	.000	.000	.123	.290	.102	1.72	3.59	1.46	.895	.178	.038	.004
11	.000	.004	.084	.385	.060	1.57	2.56	1.35	.630	.158	.053	.004
12	.000	.028	.046	.268	.148	1.45	2.19	1.99	.598	.138	.068	.007
13	.000	.008	.064	.178	.093	1.19	2.94	1.45	.476	.138	.035	1.76
14	.000	.006	.028	1.13	.782	2.21	1.98	2.09	.490	.120	.023	.168
15	.000	.006	.084	2.03	.492	12.1	5.55	1.37	.476	.120	.023	.129
16	.000	.008	.046	.895	.314	2.34	4.80	1.32	.419	.120	.023	.111
17	.000	.006	.010	.533	.289	1.82	2.89	1.25	.391	.120	.068	.102
18	.000	.004	.028	.912	.242	2.09	2.40	1.99	.418	.120	.053	.085
19	.000	.002	.010	.615	.265	1.74	3.19	1.32	.391	.102	.053	.053
20	.000	.064	.010	.945	.242	1.85	2.59	1.24	.313	.120	.038	.038
21	.000	.005	.008	.433	.220	1.43	2.44	1.66	.364	.102	.023	.023
22	.000	.004	.209	.744	.314	1.39	11.9	1.31	.338	.102	.010	.023
23	.000	.002	.144	.405	.535	4.80	2.60	1.15	.313	.085	.006	.010
24	.008	11.0	.064	2.02	.505	2.31	2.68	1.06	.313	.102	.006	.008
25	.002	.257	.505	.505	.667	4.39	2.19	1.01	.265	.120	.004	.023
26	.001	.165	.166	.405	.777	2.74	5.34	.961	.265	.102	.004	.023
27	.001	.123	.093	.476	.614	2.56	3.10	.826	.265	.102	.004	.010
28	.001	.103	.074	.327	1.17	2.40	10.1	1.05	.265	.120	.006	.010
29	.000	.064	.155	.457	1.10	2.10	3.14	2.18	.242	.068	.004	
30	.000	.028	.084	.365	1.22	5.66	2.63	1.13	.220	.085	.006	
31	.000		2.12		.662	11.0		.961		.085	.006	
MCY	.000	.396	.150	.551	.396	2.63	3.70	1.63	.505	.137	.035	.094

DEBIT MOYEN ANNUEL

.853

M3/S

STATION : TUGO MONO NA PARATAO

ALMEFO : 47402203

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.010	.391	.129	.060	.646	12.1	1.37	3.65	1.50	.446	.313	.138
2	.010	.313	.111	.068	.664	4.87	1.55	3.42	1.37	.418	.338	.133
3	.008	.265	.112	.663	1.35	7.20	1.50	3.00	1.37	.793	.313	.120
4	.008	.220	.887	.111	1.17	3.02	1.90	3.38	1.95	.598	.289	.120
5	.008	.198	.199	.130	1.14	2.64	3.03	2.92	1.54	.598	.265	.138
6	.006	.178	.129	.148	1.58	2.44	1.62	2.56	1.28	.535	.265	.198
7	.004	.133	.148	.420	1.15	2.22	6.16	10.7	1.17	.535	.242	.178
8	.004	.198	.111	.148	.962	1.87	6.74	2.96	1.17	.535	.242	.138
9	.004	.178	.085	.149	.876	18.3	3.28	2.50	1.03	.505	.220	.120
10	.004	.198	.068	.148	1.05	2.68	3.86	2.37	.996	.475	.198	.120
11	.002	.265	.085	.129	.777	4.15	4.70	2.10	.927	.418	.198	.120
12	.002	.178	.188	.120	.876	2.89	3.32	3.34	.893	.418	.178	.102
13	.001	.120	.129	.111	.728	2.70	5.18	2.07	.860	.418	.178	.068
14	.001	.138	.111	.120	2.73	2.37	6.93	1.93	.826	.391	.158	.085
15	.000		.120	.188	1.30	2.37	14.7	2.15	.760	.391	.178	.085
16	.001	.138	.077	.139	1.21	2.04	5.74	5.56	.727	.364	.158	.068
17	.001	.232	.060	.190	1.45	2.67	15.9	3.27	.727	.338	.138	.068
18	.001	.138	.093	.777	1.74	2.28	43.5	2.78	.695	.313	.158	.053
19	.001	.111	.077	.616	5.27	1.48	12.9	3.64	.662	.326	.158	.068
20	.001	.150	.102	.505	1.95	4.06	5.56	2.31	.630	.338	.158	.068
21	.103	.192	.077	3.45	1.69	3.56	4.41	2.59	.662	4.41	.158	.068
22	.024	.209	.053	.178	1.17	1.64	12.3	2.63	.630	.432	.158	.053
23	.008	.178	.168	.210	.777	.978	3.01	2.34	.630	.582	.158	.053
24	.008	.148	.945	.243	2.15	1.57	11.5	2.04	.567	.505	.158	.053
25	1.50	.158	1.12	.600	1.85	1.37	3.75	1.95	.567	.446	.158	.038
26	1.05	.111	1.12	.340	1.54	3.15	4.09	1.90	.535	.418	.158	.038
27	.339	.129	.158	.326	1.68	3.01	4.10	1.82	.475	.391	.138	.038
28	.178	.129	.111	.996	1.69	2.40	53.3	1.79	.475	.391	.138	.038
29	.120	.102	.102	.961	6.22	1.93	4.60	1.98	.446	.364	.138	.023
30	.077	.120	.077	.727	1.79	1.82	4.47	1.85	.446	.338	.138	
31	.031		.060		4.84	1.74		1.59		.326	.138	
MCY	.113	.179	.226	.432	1.74	3.47	8.50	2.87	.884	.573	.193	.089

DEBIT MOYEN ANNUEL 1.60 M3/S

STATION : TOGO MCNO NA PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.010	.437	.060	.112	.327	2.50	1.87	3.18	1.85	.364	.178	.102
2	.010	.210	.031	.168	.277	2.37	2.56	2.31	1.25	.364	.178	.102
3	.010	.143	.017	.129	.330	2.63	2.44	2.40	1.15	.313	.158	.068
4	.068	.111	.008	1.01	.636	2.60	7.07	2.40	1.05	.338	.158	.068
5	.038	.077	.007	.492	.598	2.56	2.25	5.73	.961	.338	.138	.068
6	.085	.038	.210	.266	2.08	2.47	2.37	2.76	.876	.313	.138	.068
7	.053	.023	.120	.188	1.10	2.13	2.47	1.69	.810	.338	.158	.085
8	.038	.003	.111	.129	1.03	2.19	2.47	2.40	.910	.313	.158	.068
9	.023	.002	.046	.077	.910	2.10	2.81	2.47	.843	.418	.138	.068
10	.023	.045	.006	.093	1.48	1.98	3.99	2.10	.777	.525	.138	.068
11	.023	.060	.024	.085	4.26	2.16	2.84	1.79	.793	.391	.158	.068
12	.010	.085	.238	.093	1.32	3.37	4.76	1.69	.744	.364	.158	.085
13	.006	.031	.085	.120	7.81	2.37	3.14	1.59	.810	.338	.158	.053
14	.004	.085	.038	.102	2.16	2.79	13.1	1.59	.744	.313	.138	.068
15	.053	.060	.017	.115	2.84	2.50	3.37	1.39	.678	.289	.158	.053
16	.038	.053	.008	2.28	2.07	2.31	2.88	1.29	.662	.289	.178	.053
17	.023	.038	.007	1.48	1.93	2.10	4.47	1.30	.630	.265	.158	.068
18	.006	.023	.006	.615	3.53	1.77	2.73	1.22	.598	.265	.158	.053
19	.004	.010	.006	.368	2.84	2.70	2.31	1.15	.598	.265	.138	.053
20	.002	.023	.004	.220	2.40	1.87	1.98	1.15	.567	.265	.138	.038
21	.004	.010	.221	2.54	2.10	1.77	1.79	1.08	.535	.242	.138	.038
22	.004	.895	.283	.551	1.90	2.22	1.77	1.32	.535	.220	.120	.053
23	.068	.298	.168	.340	2.10	2.10	1.93	1.19	.475	.198	.120	.038
24	.023	.035	.077	.463	2.77	3.29	1.79	1.02	.446	.198	.102	.010
25	.023	.060	.053	.433	1.87	4.05	1.77	2.31	.418	.178	.102	.008
26	.004	.060	.053	.354	1.95	2.58	1.82	2.10	.446	.178	.102	.008
27	.002	.045	.038	.265	2.16	2.04	6.71	1.77	.391	.198	.120	.006
28	.002	.148	.495	.209	2.29	1.90	3.14	1.30	.391	.178	.120	.006
29	.004	.077	.315	.243	2.01	1.93	2.73	1.15	.364	.158	.102	
30	.004	.060	.161	.231	1.87	1.54	4.80	1.08	.391	.158	.102	
31	.002		.126		1.96	1.75		1.01		.138	.102	
MOY	.022	.110	.098	.459	2.04	2.34	3.34	1.87	.723	.282	.139	.054

DEBIT MOYEN ANNUEL .962 M3/S

STATION : TOGO

MCNO

NA

PARATAO

NUMERO : 47402203

CEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	2.37	.024	.045	.058	.796	1.24	2.60	3.32	1.65	.512	.211	.168
2	.189	.077	.031	.083	.318	.921	6.05	2.73	2.26	.482	.211	.113
3	.102	.038	.484	.097	.212	.847	4.94	3.93	2.54	.512	.189	.113
4	.053	.086	.158	.070	.114	1.02	4.64	2.76	2.44	.482	.189	.113
5	.060	.031	1.39	.070	.064	.810	4.35	2.44	2.16	.453	.211	.130
6	.093	.017	.220	.083	.077	1.08	3.18	2.50	1.87	.453	.211	.130
7	.077	.023	.158	.097	.279	.959	2.84	3.42	1.65	.396	.260	.130
8	.068	.010	.129	.083	.399	.847	6.05	2.80	1.57	.396	.260	.113
9	.053	.023	.093	.070	.425	2.10	5.54	2.44	1.75	.369	.211	.113
10	.045	.009	.060	.058	.440	57.0	5.05	2.22	1.55	.342	.211	.097
11	.053	1.56	.038	.038	.212	6.64	4.30	2.16	1.40	.369	.189	.070
12	.045	.093	.069	.030	.325	3.86	4.99	1.98	1.24	.369	.189	.058
13	.060	.167	.344	.024	.139	2.67	4.30	3.09	1.12	.396	.168	.113
14	.038	.139	.178	.038	.168	1.63	4.90	2.53	1.02	.369	.168	.113
15	.023	.102	.129	.024	.121	3.09	3.53	2.67	1.02	.369	.168	.097
16	.010	.053	.158	.286	.537	2.26	3.98	2.80	.940	.342	.211	.097
17	.008	.038	.289	.105	7.10	3.36	3.75	2.47	.883	.313	.211	.083
18	.008	.038	.220	.098	2.60	3.05	3.58	2.34	.810	.286	.189	.070
19	.010	.053	.265	.076	2.64	3.18	3.18	2.56	.638	.313	.189	.070
20	.008	.085	.289	.089	1.77	2.66	4.13	2.47	.671	.286	.148	.070
21	.006	.102	.198	.507	1.40	3.74	3.52	2.13	.739	.260	.148	.058
22	.008	.068	.220	.369	2.11	3.86	4.48	2.22	.671	.286	.168	.047
23	.008	.038	.198	.169	2.44	3.92	3.32	2.76	.638	.260	.189	.058
24	.006	.085	.178	.241	2.07	3.75	9.31	2.13	.574	.235	.189	.047
25	.006	.053	.158	.212	1.75	6.66	3.44	1.85	.543	.286	.148	.030
26	.006	.038	.178	.384	1.37	4.13	3.37	1.77	.482	.260	.168	.019
27	.004	.120	.158	.114	1.12	4.70	4.42	1.85	.396	.260	.168	.014
28	.004	.053	.158	.076	.922	4.41	4.08	2.67	.342	.260	.168	.010
29	.002	.085	.178	.064	.672	4.24	3.23	2.50	.606	.235	.168	
30	.004	.085	.138	11.2	1.52	3.27	4.19	2.13	.482	.235	.148	
31	.023		.102		1.72	3.00		1.74		.211	.148	
MCY	.111	.113	.213	.498	1.16	4.68	4.31	2.50	1.15	.342	.187	.084

DEBIT MOYEN ANNUEL

1.29 M3/S

STATION : TOGO MONO NA PARATAO

NUMERO : 47402203

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.020	.014	.016	.076	.190	18.0	2.96	3.22	.606	.168	.083	.019
2	.034	.010	.012	.166	.149	1.97	28.1	2.53	.543	.130	.083	.014
3	.034	.007	.014	.076	.169	1.44	5.83	2.47	.482	.168	.077	.012
4	.030	.007	.012	.043	.130	1.33	4.70	2.40	.482	.148	.077	.008
5	.030	.004	.010	.064	.105	1.22	11.2	2.16	.453	.130	.070	.005
6	.027	.004	.075	.397	.070	1.60	5.53	1.82	.453	.113	.058	.007
7	.043	.010	.131	.105	.058	1.42	5.22	1.77	.424	.130	.058	.005
8	.038	.002	.090	.058	.131	.998	6.83	1.77	.424	.130	.058	.010
9	.105	.000	.820	.043	.149	1.02	7.93	3.18	.369	.148	.047	.008
10	.121	.002	.182	.030	.180	11.7	5.71	2.40	.369	.130	.047	.066
11	.022	.002	.566	.052	.105	2.70	4.70	1.94	.342	.130	.047	.052
12	.108	.002	.100	.083	.121	1.62	5.74	1.38	.313	.148	.047	.436
13	.084	.016	.097	.065	.249	11.8	4.24	1.40	.313	.113	.047	.113
14	.012	.010	.052	.039	.131	4.50	3.64	1.38	.286	.113	.047	.097
15	.024	.012	.024	.048	.121	5.84	3.37	1.31	.286	.113	.038	.043
16	.065	.029	.014	.077	.139	3.23	3.18	1.20	.286	.130	.038	.043
17	.070	.151	.100	.027	.121	2.56	3.00	1.18	.260	.130	.047	.027
18	.083	.048	.070	.058	.105	3.25	5.29	1.12	.260	.130	.058	.034
19	.070	.047	.043	.038	.130	2.69	4.25	.978	.235	.113	.047	.027
20	.047	.084	.043	.034	.131	2.22	3.42	.998	.235	.130	.047	.030
21	.047	.048	.027	.024	.105	1.82	5.68	.883	.260	.130	.047	.030
22	.038	.141	.027	.030	.105	1.62	3.78	.921	.260	.113	.097	.036
23	.047	.034	.369	.019	.105	1.77	2.88	.846	.211	.097	.038	.113
24	.058	.027	.468	.027	.121	1.55	3.05	1.34	.211	.083	.030	.052
25	.038	.016	.304	.014	.384	1.54	2.76	.902	.235	.083	.024	.034
26	.030	.014	1.48	.878	.279	49.6	4.63	.865	.235	.070	.030	.052
27	.030	.014	.315	.180	.201	4.08	2.25	.847	.211	.070	.024	.047
28	.024	.014	.140	.149	.169	4.08	3.09	.792	.189	.097	.019	.047
29	.024	.182	.090	.168	.222	3.69	2.51	.672	.168	.070	.014	
30	.024	.047	.070	.139	.529	11.3	2.31	.638	.168	.083	.024	
31	.019		.098		2.58	3.32		.590		.097	.019	
MOY	.065	.033	.208	.107	.241	5.34	5.26	1.48	.319	.117	.047	.052

DEBIT MOYEN ANNUEL 1.11 M3/S

Code : 47 40 25 05

bassin versant : 4 035 km².

CARACTÉRISTIQUES DE LA STATION

Station exploitée par l' O.R.S.T.O.M.

Coordonnées : 7° 55' N - 1° 22' E

Cote au pied de l'échelle : 172 m. environ, en nivellement I.G.N.

Accès : Par un chemin prenant sur la route Dotaikopé - Elavagnon, un peu avant d'arriver à Elavagnon. Chemin difficilement praticable, en saison des pluies (10 kilomètres de piste).

Installations :

L'échelle a été mise en place le 15 Décembre 1956. Elle comprend un élément de 0 à 1 mètre scellé dans le fond du lit; les éléments 1-2, 2-4, 4-6 et 6-7 sont scellés sur cornières, étagés en rive droite.

Lectures :

Deux lectures par jour à 6 heures et 17 heures.

Un limnigraphe O T T X (réduction 1/10, durée de révolution : une semaine, puis un mois) a été exploité du 26 Août 1964 au 2 Septembre 1967. Il a dû être démonté pour des raisons matérielles.

Six observateurs se sont succédé à cette station, par ailleurs difficile à vérifier.

Jaugeages - Courbe de tarage

Le radier en pierres jointives qui existe à cet endroit assure la stabilité de la section. Une seule courbe de tarage a été tracée avec 17 jaugeages compris entre 0 et 130 m³/s (cote 4,07 à 4,10 m., le 13-9-64)

CARACTÉRISTIQUES DU BASSIN

Hypsométrie

de 400 à 400 m.	1,4 %
400 à 300	36,2
300 à 200	56,4
200 à 172	6,0

Altitude moyenne du bassin : 286 m.

Relief et Géologie

Le bassin de forme très allongée présente un relief adouci sur le socle précambrien érodé, formé dans la grande majorité de gneiss. Quelques embréchites à l'est du bassin et quelques affleurements de granit.

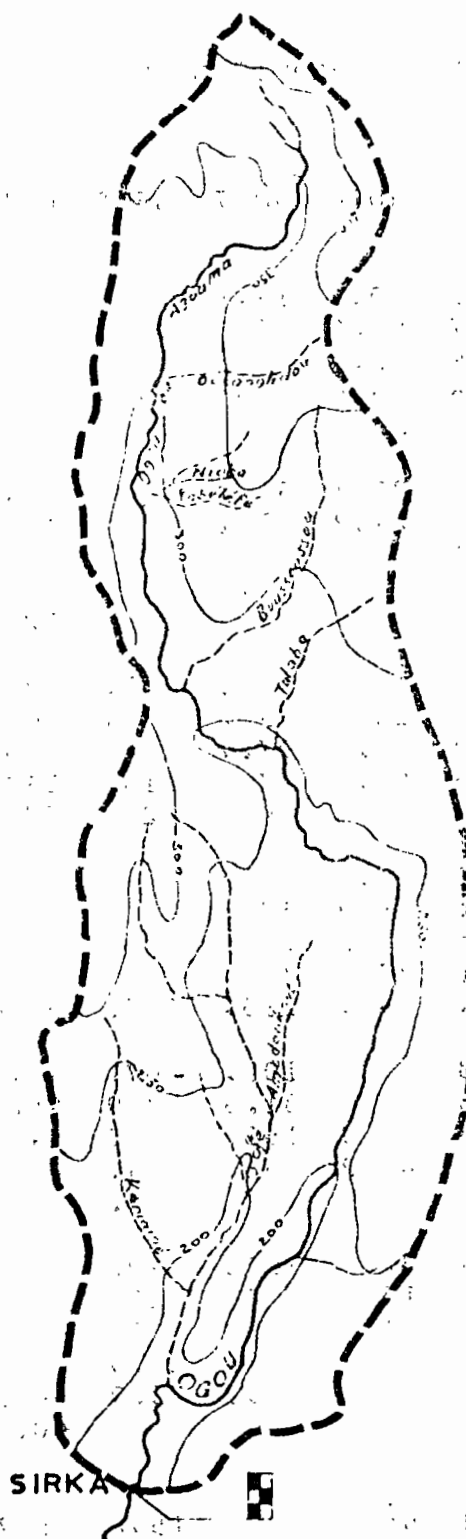
Végétation :

Savane arbustive. Galeries forestières très développées le long des cours d'eau.

OGOU A SIRKA

BASSIN VERSANT=4035 Km²

NORD



Echelle: 1:750.000

227

ORSTOM

COMPLEMENTS : 19-11-73

DATE, 7/ 5 /65

DESSINÉ :

M. Sossah

T 261 H

STATION : TOGO MCNO OGOU SIRKA

NUMERO : 47-02505

DEBITS MOYENS JOURNALIERS EN 1957-1958 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBV
1				4.55	20.6	19.8	135.	39.6	47.7	8.70	.596	.136
2				3.47	56.6	179.	122.	209.	41.7	7.70	.559	.113
3				2.69	42.7	157.	101.	130.	37.0	15.6	.527	.113
4				2.28	33.6	139.	80.0	74.8	90.4	12.3	.500	.100
5				1.58	26.1	117.	91.9	143.	70.2	9.96	.471	.100
6				1.91	29.7	96.1	100.	57.4	50.0	8.45	.442	.082
7				2.55	27.2	77.1	125.	123.	32.3	5.36	.415	.082
8				1.80	154.	57.8	183.	263.	25.8	6.47	.388	.066
9				2.69	140.	42.4	267.	191.	34.2	5.57	.391	.066
10				1.91	118.	30.6	267.	129.	28.0	11.2	.336	.050
11				50.7	142.	166.	267.	82.4	25.3	9.46	.311	.050
12				27.7	102.	131.	267.	40.7	22.0	7.70	.286	.045
13				37.0	80.5	97.7	246.	199.	20.1	6.01	.263	.045
14				19.6	69.3	77.6	213.	132.	18.2	4.55	.240	.040
15				16.9	49.6	64.5	221.	97.7	16.7	3.47	.336	.040
16				13.3	62.4	51.5	191.	163.	15.4	2.55	.311	.036
17				29.1	44.8	39.6	161.	124.	14.6	2.99	.286	.036
18	.000			22.5	33.2	153.	186.	88.4	13.8	2.41	.263	.031
19	.000			6.01	77.6	135.	153.	70.7	13.0	2.03	.240	.031
20	.000			142.	143.	119.	127.	57.4	12.5	1.69	.218	.027
21	.000			41.3	121.	102.	107.	48.5	12.0	1.58	.196	.027
22	.000			52.3	99.3	81.9	87.9	41.0	20.9	1.39	.196	.024
23	.000			40.3	81.9	163.	75.7	54.2	19.0	1.21	.176	.024
24	.000		.559	30.3	49.2	136.	184.	44.5	16.9	1.05	.176	.020
25	.000		37.7	24.7	25.0	122.	154.	75.7	15.1	.978	.156	.020
26	.000			20.9	32.9	105.	129.	57.6	14.1	.910	.156	.017
27	.000		11.2	16.7	13.8	172.	115.	60.7	12.5	.846	.136	.017
28	.000		6.01	32.6	71.1	155.	101.	56.2	11.2	.787	.136	.014
29	.000		3.81	27.4	49.2	132.	85.9	50.7	10.2	.732	.118	
30	.000		2.84	22.8	37.7	200.	73.9	44.1	9.46	.682	.118	
31	.000		2.41		29.7	154.		40.7		.636	.100	
MOY	.000	.160	3.19	23.3	66.5	112.	154.	96.7	25.7	4.68	.291	.052

DEBIT MOYEN ANNUEL

40.8 M3/S

STATION : TOGO MCNO OGOU SIRKA

ALMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.011	.000	.196	.218	24.7	.100	.000	7.70	.636	.017	.011	.000
2	.008	.000	.176	.196	23.6	.066	.000	6.24	.559	.176	.011	.000
3	.006	.000	1.48	.176	22.5	.045	.000	5.15	.500	.156	.008	.000
4	.004	.000	1.48	.156	21.4	.036	.000	4.35	.471	.136	.008	.000
5	.002	.000	1.48	.136	20.4	.027	.000	3.63	.442	.118	.006	.000
6	.000	.000	1.39	.118	19.0	.020	.000	3.14	.415	.100	.006	.000
7	.000	.000	1.30	.100	17.7	.014	.000	2.55	.388	.100	.004	.000
8	.002	.000	1.21	.082	16.4	.008	.050	4.35	.361	.082	.004	.000
9	.000	.000	1.13	4.74	15.1	.004	.218	5.15	.336	.082	.002	.000
10	.000	.000	1.05	3.63	13.8	.002	.286	4.55	.311	.066	.002	.000
11	.000	.000	.978	2.69	12.5	.000	.240	4.17	.286	.066	.000	.000
12	.000	.000	.910	9.96	11.0	.000	.196	1.15	.263	.050	.000	.000
13	.000	.000	.846	5.57	9.71	.000	.442	9.71	.240	.050	.000	.000
14	.000	.000	.787	11.0	8.45	.000	.388	8.20	.218	.045	.000	.000
15	.000	.000	.732	12.0	7.20	.000	.336	6.95	.196	.045	.000	.000
16	.000	.000	.682	13.0	6.01	.000	.286	5.79	.176	.040	.000	.000
17	.000	.000	.636	14.3	5.15	.000	.240	4.94	.156	.040	.000	.000
18	.000	.000	.596	15.6	3.99	.000	.311	4.35	.136	.036	.000	.000
19	.000	.000	.559	14.1	3.30	.000	.415	3.81	.118	.036	.000	.000
20	.000	.000	.527	42.0	2.69	.000	.336	3.30	.100	.031	.000	.000
21	.000	.000	.500	40.0	2.15	.000	.978	2.99	.082	.031	.000	.000
22	.000	.000	.471	38.0	1.69	.000	1.80	2.69	.066	.027	.000	.000
23	.000	.000	.442	36.4	1.30	.000	30.0	2.41	.050	.027	.000	.000
24	.000	.000	.415	34.8	.978	.000	19.6	2.15	.045	.024	.000	.000
25	.000	.000	.388	33.2	.732	.000	10.2	1.91	.040	.024	.000	.000
26	.000	.000	.361	32.0	.559	.000	9.46	1.69	.036	.020	.000	.000
27	.000	.000	.336	30.8	.442	.000	16.7	1.48	.031	.020	.000	.000
28	.000	.000	.311	29.4	.336	.000	14.1	1.30	.027	.017	.000	.000
29	.000	.000	.286	27.7	.240	.000	11.7	1.13	.024	.017	.000	.000
30	.000	.000	.263	26.1	.196	.000	9.46	.978	.020	.014	.000	.000
31	.000		.240		.136	.000		.846		.014	.000	
MOY	.001	.000	.715	15.9	8.82	.010	4.25	4.16	.224	.055	.002	.000

DEBIT MOYEN ANNUEL 2.84 M3/S

STATION : TCGO MCNO OGOU SIRKA

NLMEKO : 47402505

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.195	.240	.218	.011	51.9	41.0	56.1	12.5	.442	.036	.000
2	.000	.156	.218	.196	.008	22.3	30.3	78.6	10.5	.415	.036	.000
3	.000	.118	.196	.176	.008	11.5	25.3	84.9	8.70	.388	.031	.000
4	.000	.240	.176	.156	.006	20.4	21.4	78.6	6.24	.361	.031	.000
5	.000	.156	.156	.136	.006	6.01	18.2	68.4	5.57	.336	.027	.000
6	.000	.176	2.99	.118	.004	68.4	42.4	59.9	5.15	.311	.027	.000
7	.000	.156	2.69	.100	.004	51.9	36.7	52.7	4.94	.286	.024	.000
8	.000	.136	2.41	.156	.002	41.0	32.6	47.7	4.55	.263	.024	.000
9	.000	.118	2.15	.136	.002	33.9	28.0	42.7	3.99	.240	.020	.000
10	.000	.100	1.91	.118	.000	27.2	24.4	39.3	3.47	.218	.020	.000
11	.000	.082	1.80	.100	.000	22.0	21.4	48.1	3.14	.196	.017	.000
12	.000	.066	1.69	.082	.559	16.4	18.0	45.2	2.69	.176	.017	.000
13	.000	.050	1.58	.066	.527	13.5	15.1	42.0	2.41	.176	.014	.000
14	.000	.045	1.48	.050	.500	9.71	13.0	39.6	2.15	.156	.014	.000
15	.000	.045	1.39	.045	.471	6.95	26.3	37.0	1.91	.156	.011	.000
16	.000	.036	1.21	.082	.388	5.57	23.3	34.8	1.69	.136	.011	.000
17	.000	.031	1.05	.036	1.69	3.99	21.2	32.9	1.48	.136	.008	.000
18	.000	.027	.910	.036	1.13	2.69	19.3	31.4	1.30	.118	.008	.000
19	.000	.136	.787	.031	.787	.910	16.9	30.3	1.13	.118	.006	.000
20	.000	.176	.682	.031	.596	.596	15.1	28.5	.978	.100	.006	.000
21	.000	.240	.596	.027	25.3	.388	13.5	27.2	.846	.100	.004	.000
22	.000	.218	.527	.027	3.14	.286	12.3	26.3	.787	.082	.004	.000
23	10.5	.196	.500	.024	2.15	.176	114.	25.3	.732	.082	.002	.000
24	3.63	.176	.442	.020	1.58	.082	97.2	23.9	.632	.066	.002	.000
25	1.91	.156	.388	.020	31.4	1.48	92.5	22.8	.636	.066	.000	.000
26	1.05	.136	.361	.017	3.30	1.13	109.	20.9	.596	.050	.000	.000
27	.636	.118	.336	.017	2.69	10.5	95.1	19.6	.559	.050	.000	.000
28	.527	.100	.311	.014	2.28	6.71	137.	18.0	.527	.045	.000	.000
29	.415	.082	.286	.014	39.6	5.57	124.	16.7	.500	.045	.000	.000
30	.311	.263	.263	.011	18.2	4.74	114.	15.6	.471	.040	.000	.000
31	.240		.240		12.5	5.15		14.8		.040	.000	
MCY	.619	.134	.567	.075	4.80	14.6	46.7	40.3	3.03	.174	.013	.000

DEBIT MOYEN ANNUEL

9.30 M3/S

STATION : TOGO

MCNO 1000

OGOU

SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.218	2.28	.978	30.3	82.9	63.9		18.4		.263	.024
2	.000	.196	2.03	.910	22.8	67.1	76.4		16.3		.263	.024
3	.000	.176	1.80	.846	16.7	62.0	62.9		14.8		.263	.000
4	.000	.156	1.58	.787	52.7	55.4	75.3		16.0		.240	.000
5	.000	.136	1.39	.732	37.7	59.0	83.6		17.5		.240	.000
6	.000	.118	1.30	.682	30.3	49.6	79.9		22.5		.218	.000
7	.000	.100	1.21	2.41	25.5	44.8	64.1		25.8	.578	.196	.000
8	.000	.082	1.13	2.03	20.6	41.0	78.6		21.5	.682	.196	.000
9	.000	.066	1.05	1.80	17.5	38.3	125.		16.1	.596	.196	.000
10	.000	.050	.578	1.48	15.1	47.4	215.		13.9	.527	.176	.000
11	.000	.045	.510	1.30	18.2	60.5	261.		11.9	.500	.176	.000
12	.000	.040	.846	1.13	13.0	52.5	170.		10.5	.471	.176	.000
13	.000	.036	.787	.978	9.71	49.6	133.		9.46	.442	.176	.000
14	.000	.031	.732	1.48	6.95	42.4	106.		8.45	.415	.156	.000
15	.000	.027	.682	1.13	4.94	36.2	129.		7.70	.442	.156	.000
16	.000	.024	.636	.910	7.70	72.7	130.		7.08	.442	.136	.000
17	.000	.020	3.99	2.99	6.01	94.0	106.		6.47	.415	.118	.000
18	.000	.017	3.63	3.81	4.74	181.	117.		5.15	.388	.118	.000
19	.000	.014	3.30	3.14	3.81	211.	104.		4.55	.361	.100	.000
20	.000	.011	2.99	2.69	36.7	143.	123.		3.99	.336	.100	.000
21	.000	.008	2.69	3.30	44.5	116.	133.		3.47	.336	.100	.000
22	.000	.006	2.41	2.41	32.9	86.4	134.		3.14	.336	.082	.000
23	.000	.361	2.15	1.80	25.3	69.1	114.		2.55	.311	.082	.000
24	.000	.336	1.91	1.39	19.3	39.5	107.		2.03	.311	.082	.000
25	.000	.311	1.69	17.7	14.8	31.2	70.8		1.91	.311	.066	.000
26	.000	.286	1.48	14.8	11.0	64.7	153.		1.48	.336	.050	.000
27	.000	.263	1.39	9.20	8.20	86.9	194.		1.58	.311	.045	.000
28	.000	.240	1.30	7.20	39.3	109.	159.		1.30	.286	.040	.000
29	.000	.218	1.21	4.35	33.6	112.	103.		1.21	.286	.036	
30	.000	10.5	1.13	2.55	50.0	65.2	75.3		1.05	.263	.031	
31	.000		1.05		101.	45.5				.263	.027	
MCY	.000	.469	1.67	3.23	24.5	74.7	118.		9.26	.530	.139	.002

STATION : TOGO

MONO

OGOU

SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.004	26.1	7.45	27.4	.732	.011	.000	.000
2	.000	.000	.000	.000	.002	26.3	6.71	22.0	.636	.008	.000	.000
3	.000	.000	.000	.000	.000	24.4	7.20	25.3	.559	.006	.000	.000
4	.000	.000	.000	.000	.002	21.4	6.01	30.3	.500	.006	.000	.000
5	.000	.000	.000	.000	.000	34.5	7.20	24.7	.442	.004	.000	.000
6	.000	.000	.000	.000	.000	27.4	8.20	17.7	.415	.004	.000	.000
7	.000	.000	.000	.000	.000	24.2	8.95	16.4	.361	.000	.000	.000
8	.000	.000	.000	.000	.000	26.1	15.1	31.1	.336	.000	.000	.000
9	.000	.000	.000	.136	.000	42.4	47.7	52.7	.286	.000	.000	.000
10	.000	.000	.000	.118	.000	23.6	42.0	32.9	.286	.000	.000	.000
11	.000	.000	.000	.050	.000	17.5	43.8	26.6	.218	.000	.000	.000
12	.000	.000	.000	.100	.471	14.6	30.8	26.9	.196	.000	.000	.000
13	.000	.000	.000	.082	.978	12.8	26.9	19.3	.176	.000	.000	.000
14	.000	.000	.000	.050	4.55	12.0	24.2	15.1	.156	.000	.000	.000
15	.000	.000	.000	.036	2.99	19.3	20.9	14.1	.136	.000	.000	.000
16	.000	.000	.000	.036	1.39	15.1	51.5	12.5	.118	.000	.000	.000
17	.000	.000	.000	.031	1.39	12.3	46.3	12.3	.100	.000	.000	.000
18	.000	.000	.000	.027	7.20	9.96	42.7	9.20	.066	.000	.000	.000
19	.000	.000	.000	.045	3.99	10.5	32.0	7.70	.050	.000	.000	.000
20	.000	.000	.000	.036	14.8	13.8	28.3	6.47	.045	.000	.000	.000
21	.000	.000	.000	.031	16.4	12.5	24.2	6.71	.040	.000	.000	.000
22	.000	.000	.000	.027	24.4	9.96	22.8	6.01	.036	.000	.000	.000
23	.000	.000	.000	.024	21.4	9.46	23.1	4.55	.027	.000	.000	.000
24	.000	.000	.000	.017	16.9	9.96	26.3	3.63	.027	.000	.000	.000
25	.000	.000	.000	.017	21.4	8.20	22.0	2.99	.024	.000	.000	.000
26	.000	.000	.000	.008	24.2	14.6	17.5	2.41	.020	.000	.000	.000
27	.000	.000	.000	.011	41.0	21.7	15.6	2.03	.017	.000	.000	.000
28	.000	.000	.000	.017	47.0	12.8	13.0	1.69	.014	.000	.000	.000
29	.000	.000	.000	.011	30.8	10.2	12.5	1.30	.014	.000	.000	
30	.000	.000	.000	.008	27.7	10.7	15.4	1.05	.011	.000	.000	
31	.000		.000		24.2	8.70		.846		.000	.000	
MCY	.000	.000	.000	.031	10.8	17.5	23.2	15.0	.201	.001	.000	.000

DEBIT MOYEN ANNUEL

5.60

M3/S

STATION : TOGO MCNO OGOU SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	93.0	75.3	121.	68.0	23.3	4.35	.156	.024
2	.000	.000	.000	.000	58.2	123.	139.	79.0	21.4	3.30	.156	.020
3	.000	.000	.000	.000	44.5	82.9	130.	66.7	20.4	2.69	.136	.017
4	.000	.000	.000	.000	34.2	84.4	91.9	66.2	19.3	2.99	.136	.017
5	.000	.000	.000	.000	28.8	101.	73.4	121.	17.7	2.55	.136	.014
6	.000	.000	.000	.000	27.2	128.	69.8	145.	18.0	2.23	.118	.014
7	.000	.000	.000	.000	21.7	225.	107.	112.	22.3	1.58	.118	.011
8	.000	.000	.000	.000	19.8	194.	81.4	159.	24.7	1.33	.100	.008
9	.000	.000	.000	.000	17.7	125.	86.4	114.	20.4	1.13	.100	.008
10	.000	.000	.000	.000	14.6	72.5	92.5	80.5	30.6	.846	.082	.006
11	.000	.000	.000	.014	12.5	54.2	85.4	83.9	23.3	.732	.032	.004
12	.000	.000	.000	.006	29.1	51.9	74.8	101.	17.7	.636	.032	.003
13	.000	.000	.000	.011	51.1	41.0	80.5	120.	15.4	.559	.032	.004
14	.000	.000	.000	.006	38.3	42.7	73.4	108.	13.8	.527	.036	.002
15	.000	.000	.000	.011	40.7	99.3	59.9	114.	12.8	.500	.066	.004
16	.000	.000	.000	.008	72.0	60.7	78.1	113.	12.3	.500	.066	.002
17	.000	.000	.000	.006	31.4	46.6	143.	71.1	11.0	.442	.066	.002
18	.000	.000	.000	.004	27.4	56.6	181.	58.5	7.45	.415	.050	.000
19	.000	.000	.000	.002	20.4	45.2	86.4	49.2	16.4	.388	.050	.000
20	.000	.000	.000	.636	17.2	62.4	60.7	44.8	9.71	.361	.050	.000
21	.000	.000	.000	328.	23.1	99.8	48.5	40.3	7.95	.336	.045	.000
22	.000	.000	.000	69.3	32.3	62.8	102.	37.7	7.20	.311	.045	.000
23	.000	.000	.000	26.1	40.3	55.8	82.9	37.3	13.3	.286	.040	.000
24	.000	.000	.000	18.5	25.3	46.3	91.9	38.0	8.20	.263	.040	.000
25	.000	.000	.000	22.8	34.5	91.4	69.8	57.7	6.95	.240	.036	.000
26	.000	.000	.000	18.5	22.0	73.0	87.4	70.7	5.57	.218	.036	.000
27	.000	.000	.000	17.5	23.3	73.4	135.	48.5	5.15	.218	.036	.000
28	.000	.000	.000	32.9	19.3	125.	162.	37.3	4.55	.196	.031	.000
29	.000	.000	.000	150.	21.7	120.	95.1	32.0	4.35	.196	.031	
30	.000	.000	.000	89.4	24.4	89.9	107.	28.5	4.55	.176	.027	
31	.000	.000	.000		18.8	80.0		25.8		.176	.027	
MOY	.000	.000	.000	25.8	31.8	87.0	96.6	76.4	14.2	.950	.074	.006

DEBIT MOYEN ANNUEL 77.9 M3/S

STATION : JCGO MCNO OGOU SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBV
1	.000	.000	.000	.000	.008	62.8	127.	115.	72.0	3.63	.263	.136
2	.000	.000	.000	.000	.196	53.4	122.	124.	62.0	3.37	.263	.100
3	.024	.000	.000	.000	.286	133.	215.	123.	52.7	2.99	.286	.082
4	.020	.000	.000	.000	.196	170.	268.	111.	51.1	2.55	.240	.082
5	.017	.000	.000	.000	.066	136.	252.	113.	44.5	2.28	.240	.066
6	.014	.000	.000	.000	.336	89.9	173.	166.	39.3	2.03	.240	.066
7	.011	.000	.000	.000	.100	79.0	112.	201.	35.1	1.69	.218	.050
8	.008	.000	.000	.000	.050	97.7	108.	143.	31.4	1.58	.218	.050
9	.006	.000	.000	.000	.100	308.	151.	104.	28.5	1.39	.196	.045
10	.004	.000	.000	.000	.176	333.	263.	201.	26.9	1.30	.196	.045
11	.002	.000	.000	.000	22.5	173.	245.	263.	24.2	1.13	.176	.045
12	.000	.000	.000	.000	7.45	190.	245.	148.	22.0	.978	.176	.045
13	.000	.000	.000	.000	2.99	97.7	216.	185.	19.0	.910	.156	.040
14	.000	.000	.000	.000	12.3	91.4	131.	194.	17.7	.910	.156	.040
15	.000	.000	.000	.000	7.45	211.	193.	167.	16.4	.846	.136	.040
16	.000	.000	.000	.000	23.9	175.	113.	134.	15.1	.732	.136	.036
17	.000	.000	.000	.000	14.6	106.	82.4	97.7	13.8	.682	.118	.031
18	.000	.000	.000	.000	17.7	84.9	120.	89.9	13.0	.636	.118	.027
19	.000	.000	.000	.000	91.9	98.2	78.6	155.	13.0	.596	.100	.024
20	.000	.000	.000	.000	32.9	80.0	87.4	104.	12.5	.527	.100	.020
21	.000	.000	.000	.000	21.7	66.7	112.	62.0	11.5	.500	.100	.017
22	.000	.000	.000	.000	125.	77.6	90.4	202.	10.5	.442	.082	.014
23	.000	.000	.017	.000	69.4	62.0	122.	216.	9.46	.388	.082	.011
24	.000	.000	.004	.000	48.8	57.4	169.	271.	8.45	.388	.082	.008
25	.000	.000	.000	.000	42.7	90.4	88.4	179.	7.70	.361	.062	.006
26	.000	.000	.000	.000	45.9	73.0	78.1	106.	6.95	.361	.066	.004
27	.000	.000	.000	.000	44.5	57.4	59.0	90.4	6.01	.361	.066	.002
28	.000	.000	.000	.000	322.	72.0	66.7	80.5	5.15	.336	.066	.000
29	.000	.000	.000	.000	176.	89.9	125.	66.2	4.74	.311	.311	.002
30	.000	.000	.000	.008	140.	159.	108.	59.0	3.99	.286	.286	
31	.000		.000		68.4	161.		68.4		.286	.176	
MOY	.003	.000	.001	.000	43.9	121.	144.	140.	22.8	1.12	.165	.039

DEBIT MOYEN ANNUEL

39.6 M3/S

STATION : ARIEGO

MCNO

OGOU

SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	.336	48.1	85.4	40.7	4.74	.176	.024	.000
2	.002	.000	.000	.000	.361	49.6	136.	40.0	4.17	.176	.024	.000
3	.008	.000	.000	.000	.442	39.3	150.	38.3	3.47	.156	.020	.000
4	.006	.000	.000	.000	.388	34.5	158.	33.6	3.14	.136	.017	.000
5	.002	.000	.000	.000	.361	30.3	147.	30.0	2.99	.136	.017	.000
6	.000	.000	.000	.000	.311	34.5	196.	29.1	2.69	.118	.014	.000
7	.000	.000	.000	.000	.336	32.9	125.	28.5	2.15	.118	.014	.000
8	.000	.000	.000	.000	.442	31.1	91.9	27.7	1.80	.100	.011	.000
9	.000	.000	.000	.000	.368	26.9	79.5	25.3	1.91	.100	.008	.000
10	.006	.000	.000	.000	.500	24.2	84.4	24.2	1.58	.082	.006	.000
11	.000	.000	.000	.000	2.34	40.3	119.	20.9	1.39	.066	.004	.000
12	.000	.000	.000	.000	1.48	36.1	93.0	17.7	1.13	.066	.004	.000
13	.000	.000	.000	.000	1.05	27.4	108.	15.4	.910	.050	.002	.000
14	.000	.000	.000	.000	1.80	26.3	95.1	15.9	.787	.050	.000	.000
15	.000	.000	.000	.000	7.45	32.6	68.9	15.1	.682	.045	.000	.000
16	.000	.000	.000	.000	9.46	59.9	104.	15.9	.636	.045	.000	.000
17	.000	.000	.000	.000	6.01	33.9	138.	15.0	.559	.045	.000	.000
18	.000	.000	.000	.000	4.17	31.4	161.	15.6	.500	.040	.000	.000
19	.000	.000	.000	.000	2.99	32.9	154.	16.9	.471	.040	.000	.000
20	.000	.000	.000	.000	2.28	40.0	166.	14.8	.442	.040	.000	.000
21	.000	.000	.000	.000	2.15	39.0	170.	12.3	.388	.040	.000	.000
22	.000	.000	.000	.000	1.80	29.4	105.	11.0	.361	.036	.000	.000
23	.000	.000	.000	.000	2.41	25.8	80.5	10.2	.336	.031	.000	.000
24	.000	.000	.000	.000	10.2	22.8	74.3	9.20	.311	.031	.000	.000
25	.000	.000	.000	.000	87.4	20.4	117.	8.45	.296	.036	.000	.000
26	.000	.000	.000	.000	29.4	18.0	97.2	7.45	.263	.036	.000	.000
27	.000	.000	.000	.000	34.5	16.4	102.	6.47	.240	.031	.000	.000
28	.000	.000	.000	.000	23.6	32.9	107.	6.47	.218	.027	.000	.000
29	.000	.000	.000	.000	28.0	36.4	83.9	7.70	.218	.027	.000	.000
30	.000	.000	.000	.000	131.	67.6	64.9	6.47	.196	.027	.000	.000
31	.000	.000	.000	.000	54.6			5.36		.027	.000	.000
MOY	.001	.000	.000	.000	14.5	35.4	115.	18.5	1.30	.069	.005	.000

DEBIT MOYEN ANNUEL MOY 15.4 M3/S

STATION : TGOO MCNO OGOU SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBV
1	.000	.000	.020	.000	31.7	79.1	58.7	36.2	3.30	.040	.000	.000
2	.000	.000	.020	.000	18.3	121.	173.	31.1	2.99	.036	.000	.000
3	.000	.000	.017	.000	11.5	86.4	123.	34.4	2.41	.036	.000	.000
4	.000	.000	.014	.000	32.9	72.5	95.6	39.4	2.15	.031	.000	.000
5	.000	.000	.011	.000	23.8	69.2	90.0	45.4	1.69	.031	.000	.000
6	.000	.000	.006	.000	14.7	89.9	71.4	73.4	1.30	.031	.000	.000
7	.000	.000	.004	.000	42.4	78.6	78.6	59.3	1.05	.031	.000	.000
8	.000	.000	.002	.000	33.8	97.8	65.4	42.6	.846	.031	.000	.000
9	.000	.000	.000	.000	25.4	87.9	66.7	33.4	.732	.031	.000	.000
10	.000	.000	.000	.000	29.1	69.1	59.1	29.0	.596	.027	.000	.000
11	.000	.000	.000	.012	24.0	74.4	63.9	48.0	.500	.027	.000	.000
12	.000	.000	.000	.001	136.	68.0	65.0	39.4	.442	.027	.000	.000
13	.000	.000	.000	.008	68.7	57.1	111.	29.0	.388	.027	.000	.000
14	.000	.000	.000	.073	54.0	125.	98.8	25.1	.336	.024	.000	.000
15	.000	.000	.000	.027	63.0	135.	130.	22.0	.286	.024	.000	.000
16	.000	.000	.000	.696	42.4	218.	86.1	19.6	.263	.024	.000	.000
17	.000	.000	.000	1.01	111.	146.	89.1	17.3	.240	.020	.000	.000
18	.000	.000	.000	.684	99.3	99.0	83.4	15.7	.196	.020	.000	.000
19	.000	.005	.000	.415	53.9	82.9	74.8	14.2	.176	.020	.000	.000
20	.012	.000	.000	7.10	43.1	96.6	68.9	12.6	.156	.017	.000	.000
21	.000	.000	.000	3.83	50.5	99.8	104.	12.5	.136	.017	.000	.000
22	.000	.025	.000	2.77	54.9	104.	85.2	17.3	.118	.014	.000	.000
23	.000	.018	.000	14.3	55.2	83.7	61.8	12.4	.100	.011	.000	.000
24	.000	.150	.000	8.35	54.8	77.6	58.2	9.96	.082	.008	.000	.000
25	.000	.072	.000	4.09	114.	74.6	67.6	8.45	.066	.006	.000	.000
26	.000	.034	.000	4.73	145.	72.5	55.6	7.57	.050	.006	.000	.000
27	.000	.029	.000	3.64	103.	67.8	48.3	7.08	.050	.004	.000	.000
28	.000	.031	.000	20.2	68.7	64.2	42.7	6.24	.050	.002	.000	.000
29	.000	.027	.000	27.2	102.	149.	45.0	5.25	.045	.002	.000	
30	.000	.024	.000	34.6	82.5	161.	40.8	4.55	.040	.000	.000	
31	.000		.000		91.8	111.		3.81		.000	.000	
MCY	.000	.014	.003	4.46	60.7	97.4	80.1	24.6	.693	.020	.000	.000

DEBIT MOYEN ANNUEL

22.5 M3/S

STATION : TCGO

MONO

OGOU

SIRKA

NUMERO : 47 02505

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.036	3.64	14.3	273.	42.7	17.5	.176	.027	.027
2	.000	.000	.000	.024	3.90	15.1	245.	38.2	13.5	.156	.020	.020
3	.000	.000	.000	.029	3.90	24.7	117.	38.2	10.2	.156	.020	.020
4	.000	.000	.000	.024	3.31	20.8	89.4	35.1	8.33	.136	.017	.017
5	.000	.000	.000	.020	2.84	15.1	126.	30.7	6.36	.118	.014	.014
6	.000	.000	.000	.043	3.55	12.3	189.	26.5	5.05	.100	.011	.011
7	.000	.000	.000	.029	2.62	10.7	131.	24.7	4.17	.100	.011	.011
8	.000	.000	.000	.024	2.16	9.08	103.	43.2	3.64	.100	.008	.008
9	.000	.000	.000	.064	1.69	11.9	122.	27.4	2.91	.100	.008	.008
10	.000	.000	.000	.036	3.80	13.9	121.	23.7	2.69	.082	.006	.006
11	.000	.000	.000	.029	9.46	16.5	93.3	21.0	2.42	.066	.004	.000
12	.000	.000	.000	.024	5.85	22.8	72.3	40.3	2.03	.050	.004	.000
13	.000	.000	.000	.100	3.81	19.6	62.0	34.8	1.64	.066	.002	.000
14	.000	.000	.000	.029	3.30	36.7	59.1	40.8	1.34	.066	.002	.000
15	.000	.000	.000	.024	2.48	61.2	72.7	36.3	1.17	.050	.000	.000
16	.000	.000	.000	.020	2.03	76.3	72.1	26.2	.978	.066	.000	.000
17	.000	.000	.000	.118	1.69	69.3	68.9	22.9	.910	.066	.000	.000
18	.000	.000	.000	.038	1.69	75.3	53.1	22.0	.787	.050	.000	.000
19	.000	.000	.000	.025	19.9	86.4	75.1	18.8	.636	.045	.000	.000
20	.000	.000	.000	4.00	65.4	102.	67.2	16.3	.596	.045	.000	.000
21	.000	.000	.000	2.69	20.9	125.	59.1	14.3	.500	.045	.000	.000
22	.000	.000	.000	.980	26.6	129.	53.4	13.3	.442	.045	.000	.000
23	.000	.000	.000	1.64	50.4	133.	63.5	12.1	.415	.040	.000	.000
24	.000	.000	.000	1.23	45.0	201.	73.4	10.7	.388	.040	.000	.000
25	.000	.000	.000	2.12	55.6	224.	58.4	9.71	.336	.040	.000	.000
26	.000	.000	.000	1.44	36.1	190.	53.2	8.20	.311	.036	.000	.000
27	.000	.000	.000	13.3	23.1	205.	55.4	6.96	.286	.036	.000	.000
28	.000	.000	.000	12.8	28.3	271.	69.1	5.79	.263	.036	.000	.000
29	.000	.000	.050	8.46	20.6	232.	59.0	18.7	.240	.036	.000	.000
30	.000	.000	.031	4.84	16.3	252.	48.8	27.7	.196	.031	.000	.000
31	.000	.000	.336		14.2	268.		18.6		.031	.000	.000
MOY	.000	.000	.052	1.82	15.6	95.0	94.1	24.4	3.01	.071	.005	.000

DEBIT MOYEN ANNUEL 1966-1967 M3/S

STATION : TOGO MONO OGOU SIRKA

NLMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.000	2.92	38.3	49.0	70.5	16.0	.286	.286	.017
2	.000	.000	.000	.000	2.86	46.7	45.4	50.5	13.3	.361	.263	.014
3	.000	.000	.000	.000	1.34	58.8	64.1	42.6	11.0	.336	.263	.011
4	.000	.000	.000	.000	1.13	54.2	40.3	38.0	10.5	.240	.218	.011
5	.000	.000	.000	.000	1.92	45.7	36.9	38.3	10.6	.286	.176	.008
6	.000	.000	.000	.000	1.34	38.6	36.1	47.9	8.83	.240	.176	.006
7	.000	.000	.000	.000	1.05	39.0	42.0	53.0	7.82	.361	.156	.004
8	.000	.000	.000	.000	.789	38.2	56.7	48.4	6.48	.500	.136	.002
9	.000	.000	.000	.000	.682	82.7	93.1	40.5	5.68	.415	.118	.000
10	.000	.000	.000	.000	.636	102.	148.	35.0	4.95	.636	.100	.000
11	.000	.000	.000	.000	.596	67.1	181.	27.7	4.26	.787	.082	.000
12	.000	.000	.000	.000	.559	51.1	190.	30.1	3.90	.596	.082	.000
13	.000	.000	.000	.000	.741	69.9	191.	32.6	3.30	.500	.056	.000
14	.000	.000	.000	.000	.621	88.1	186.	25.4	2.76	.415	.050	.000
15	.000	.000	.000	.000	3.90	54.9	158.	25.7	2.35	.388	.050	.000
16	.000	.000	.000	.000	42.7	46.1	156.	48.6	1.91	.361	.045	.000
17	.000	.000	.000	.000	26.5	75.0	155.	97.6	1.58	.323	.040	.000
18	.000	.000	.000	.000	26.9	90.4	160.	64.3	1.30	.299	.040	.000
19	.000	.000	.000	.000	21.0	38.5	160.	46.3	1.13	.275	.036	.000
20	.000	.000	.000	.000	22.1	51.3	146.	54.3	.978	.251	.031	.000
21	.000	.000	.000	.000	20.1	104.	148.	43.6	.846	.290	.031	.000
22	.000	.000	.000	.000	14.8	118.	123.	32.0	.732	.646	.031	.000
23	.000	.000	.000	.000	12.5	120.	94.6	26.3	.636	.471	.027	.000
24	.000	.000	.000	3.13	10.8	80.5	76.4	23.7	.596	.639	.027	.000
25	.000	.000	.000	1.23	10.3	65.8	69.6	21.3	.500	.499	.024	.000
26	.000	.000	.000	.621	9.71	78.8	62.8	15.8	.471	.415	.024	.000
27	.000	.000	.000	.485	17.9	88.8	55.6	18.1	.415	.388	.024	.000
28	.000	.000	.000	.415	31.5	93.9	49.0	16.4	.388	.336	.020	.000
29	.000	.000	.000	.829	22.5	76.5	53.2	15.1	.361	.336	.020	.000
30	.000	.000	.000	2.22	19.6	70.1	62.1	14.1	.336	.323	.020	
31	.000		.000		23.2	53.0		13.4		.299	.020	
MOY	.000	.000	.000	.298	11.4	69.2	103.	37.5	4.13	.403	.087	.002

DEBIT MOYEN ANNUEL 18.9 M3/S

STATION : TGGO MONO OGOU SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	.100	1.46	184.	231.	147.	16.1	.636	.082	.006
2	.000	.000	.000	.362	1.30	97.1	268.	94.5	17.6	.596	.082	.006
3	.000	.000	.000	.416	10.6	66.7	185.	74.4	15.7	.596	.066	.004
4	.000	.000	.000	.311	9.08	143.	148.	63.0	13.8	.527	.066	.004
5	.000	.000	.000	.287	11.2	90.5	196.	87.4	12.5	.500	.066	.002
6	.000	.000	.000	.263	6.85	63.5	122.	84.1	11.4	.471	.066	.000
7	.000	.000	.000	.240	6.05	55.6	167.	84.4	10.2	.442	.066	.000
8	.000	.000	.000	.218	16.2	60.3	130.	70.8	9.33	.415	.066	.000
9	.000	.000	.000	.251	21.3	50.2	95.3	58.6	8.32	.361	.050	.000
10	.000	.000	.000	.251	34.8	43.4	113.	56.0	7.45	.336	.050	.000
11	.000	.000	.000	.229	20.9	45.4	149.	48.1	6.48	.311	.050	.000
12	.000	.000	.000	.218	21.9	104.	219.	46.3	5.68	.286	.050	.000
13	.000	.000	.000	.218	38.6	108.	191.	38.8	5.05	.286	.050	.000
14	.000	.000	.000	.377	32.4	47.0	148.	35.0	4.26	.263	.045	.000
15	.000	.000	.000	.286	21.6	40.7	159.	32.0	3.90	.240	.045	.000
16	.000	.000	.000	.275	20.8	104.	128.	29.4	3.47	.240	.045	.000
17	.000	.000	.000	1.17	22.0	69.9	122.	26.5	3.30	.218	.045	.000
18	.000	.000	.000	2.86	19.4	63.2	133.	27.6	2.99	.196	.040	.000
19	.000	.000	.000	1.59	16.7	77.2	132.	36.8	2.69	.176	.040	.000
20	.000	.000	.000	5.37	101.	105.	35.9	28.7	2.41	.176	.036	.000
21	.000	.000	.000	4.39	75.5	278.	99.5	23.9	2.15	.156	.036	.000
22	.000	.000	.000	3.72	49.6	184.	90.8	20.8	1.91	.156	.031	.000
23	.000	.000	.070	3.30	131.	271.	76.7	31.8	1.69	.136	.027	.000
24	.000	.000	.031	3.22	67.8	217.	74.8	43.8	1.58	.136	.024	.000
25	.000	.000	.104	2.35	95.1	129.	79.3	35.7	1.39	.118	.024	.000
26	.000	.000	.031	2.09	209.	101.	75.7	39.0	1.30	.118	.020	.000
27	.000	.000	.027	2.23	115.	87.4	91.0	36.7	1.13	.100	.017	.000
28	.000	.000	.025	1.58	88.0	87.6	89.9	29.0	.978	.100	.014	.000
29	.000	.000	.024	2.63	60.3	82.4	90.4	24.8	.846	.100	.011	
30	.000	.000	.137	1.87	82.5	72.5	103.	21.0	.732	.082	.011	
31	.000		.100		281.	117.		17.6		.082	.008	
MCY	.000	.000	.018	1.42	54.5	105.	133.	48.2	5.88	.276	.043	.001

DEBIT MOYEN ANNUEL

29.2 M3/S

STATION : TCGO

MONO

OGOU

SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.017	.000	1.37	15.2	41.9	49.6	17.1	.846	.040	.000
2	.000	.000	.014	.000	2.92	11.7	56.7	47.6	15.2	.732	.036	.000
3	.000	.000	.011	.000	2.42	10.6	140.	55.6	16.3	.682	.031	.000
4	.000	.000	.011	.000	1.69	9.20	225.	60.7	20.2	.596	.031	.000
5	.000	.000	.008	.000	1.21	9.83	191.	55.1	29.8	.559	.027	.000
6	.000	.000	.008	.000	.980	9.83	212.	47.9	29.0	.500	.027	.000
7	.000	.000	.020	.000	.759	16.5	128.	59.0	25.9	.471	.024	.000
8	.000	.000	.011	.000	.636	13.3	120.	52.5	25.9	.442	.020	.000
9	.000	.000	.008	.000	.543	10.7	191.	51.4	22.0	.388	.020	.000
10	.000	.000	.004	.000	.561	9.96	191.	41.3	20.0	.361	.017	.000
11	.000	.000	.004	.000	.485	11.7	161.	37.0	18.9	.361	.017	.000
12	.000	.000	.000	.000	.636	14.5	164.	30.3	16.7	.311	.014	.000
13	.000	.000	.000	.000	.559	26.1	126.	27.3	14.2	.286	.014	.000
14	.000	.156	.000	.000	.514	30.6	83.0	29.5	12.1	.263	.014	.000
15	.000	.066	.000	.000	.543	29.3	77.1	27.4	10.7	.240	.011	.000
16	.000	.045	.000	.000	.687	33.4	75.7	36.2	9.08	.218	.011	.000
17	.000	.036	.000	.000	1.13	37.5	74.8	41.0	7.45	.196	.011	.000
18	.000	.066	.000	.000	2.28	42.9	108.	60.9	6.24	.196	.011	.000
19	.000	.050	.000	.000	13.0	56.7	93.8	52.7	5.57	.176	.008	.000
20	.000	.045	.000	.000	11.7	42.0	59.2	43.3	4.55	.156	.008	.000
21	.000	.045	.000	.000	26.1	39.3	58.0	40.0	3.81	.136	.008	.000
22	.000	.040	.000	.000	27.7	49.5	51.1	49.7	3.30	.118	.006	.000
23	.000	.040	.000	.000	22.0	46.5	50.0	39.2	2.84	.100	.006	.000
24	.000	.036	.000	.000	29.3	39.0	105.	35.4	2.41	.100	.006	.000
25	.000	.031	.000	.000	24.4	30.3	99.0	31.7	2.03	.082	.004	.000
26	.000	.027	.000	.423	17.7	32.9	54.4	26.1	1.69	.066	.004	.000
27	.000	.040	.000	1.25	15.0	36.2	66.8	23.9	1.48	.066	.004	.000
28	.000	.031	.000	.000	17.6	39.6	73.0	23.5	1.30	.050	.004	.000
29	.000	.024	.000	.846	18.4	47.8	59.3	22.1	1.13	.050	.002	
30	.000	.020	.000	.739	16.3	46.1	55.4	20.8	.978	.045	.000	
31	.000		.000		20.9	47.9		18.8		.040	.000	
MOY	.000	.027	.004	.142	9.06	29.9	107.	39.9	11.6	.285	.014	.000

DEBIT MOYEN ANNUEL

16.4 M3/S

STATION : YUGO

MENO

OGOU

SIRKA

NUMERO : 47402505

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.020	.000	.263	.000	5.07	58.4	127.	7.70	.388	.040	.000
2	.000	.017	.000	.156	.000	7.82	70.5	114.	6.48	.361	.036	.000
3	.000	.014	.000	.176	.000	5.93	102.	124.	5.57	.336	.031	.000
4	.000	.011	.000	.118	.000	5.69	125.	104.	4.95	.336	.027	.000
5	.000	.008	.000	.100	.040	6.26	149.	83.0	4.36	.311	.024	.000
6	.000	.006	.000	.050	.130	18.8	166.	79.0	3.72	.286	.020	.000
7	.000	.005	.000	.040	.156	18.6	179.	70.5	3.38	.286	.017	.000
8	.002	.003	.000	.036	.118	15.4	148.	59.5	2.99	.263	.014	.000
9	.606	.004	.000	.031	.032	21.6	88.4	55.4	2.62	.263	.011	.000
10	.629	.005	.000	.027	.050	18.5	70.5	48.5	2.35	.240	.011	.000
11	.361	.006	.000	.020	.002	19.8	92.9	43.8	1.97	.218	.008	.000
12	1.71	.006	.000	.017	.100	18.2	126.	39.5	1.74	.196	.006	.000
13	.703	.005	.000	.014	.050	36.1	136.	39.6	1.53	.176	.004	.000
14	.388	.015	.000	.011	.156	28.3	148.	33.4	1.34	.156	.003	.000
15	.471	.020	.000	.008	.100	27.2	99.8	31.0	1.17	.156	.000	.000
16	.299	.017	.000	.000	.082	48.1	81.1	29.5	1.05	.136	.000	.000
17	.218	.031	.003	.006	.341	80.3	81.2	27.6	.973	.118	.000	.000
18	.136	.027	.000	.004	.919	67.6	377.	25.0	.846	.118	.000	.000
19	.066	.024	.000	.003	.336	60.1	377.	22.3	.787	.100	.000	.000
20	.045	.017	.000	.004	1.16	58.6	343.	20.0	.732	.100	.000	.000
21	.036	.014	.000	.000	.912	54.2	353.	18.3	.682	.100	.000	.000
22	.027	.011	.000	.006	.712	56.4	347.	16.7	.636	.100	.000	.000
23	.020	.008	.000	.003	.678	56.0	256.	15.4	.596	.082	.000	.000
24	.017	.008	.038	.006	.707	50.9	178.	14.1	.559	.082	.000	.000
25	.014	.006	.003	.006	1.29	51.1	170.	13.5	.527	.082	.000	.000
26	.014	.004	.254	.011	1.21	80.6	172.	13.0	.500	.066	.000	.000
27	.011	.004	.166	.003	1.23	102.	266.	12.3	.471	.050	.000	.000
28	.066	.002	.118	.004	3.02	113.	322.	12.6	.442	.050	.000	.000
29	.045	.002	.127	.002	6.24	98.3	353.	11.7	.415	.045	.000	
30	.036	.000	.229	.002	8.68	65.4	291.	10.2	.383	.045	.000	
31	.027		.362		3.14	59.5		9.00		.040	.000	
MOY	.192	.010	.042	.038	1.01	43.8	191.	42.6	2.05	.170	.003	.000

DEBIT MOYEN ANNUEL

23.3

M3/S

BASSIN DU LAC TOGO

Code : 47 34 15 06

bassin versant : 2 560 km²

CARACTÉRISTIQUES DE LA STATION

Station exploitée par le Génie Rural

Coordonnées : 6° 30' N - 1° 20' E

Cote au zéro de l'échelle : 16 m. environ, en nivellement I.G.N.

Accès : La station est située en aval de l'ancien pont métallique de la route TSEVIE - TABLIGBO.

Installations :

Sept mètres d'échelle, répartis en cinq éléments 0-1, 1-2, 2-3, 3-5 et 5-7 m., étagés sur la rive droite.

La station est exploitée depuis le 2 Août 1961.

Il faut signaler l'existence en crue, d'assez nombreux débordements qui sont jaugés en même temps que le cours principal.

Lectures :

Deux lectures par jour à 6 heures et 18 heures.

Jaugeages - Courbes de tarage :

Deux courbes de tarage ont été retenues, l'une allant du début des observations à Décembre 1966, l'autre de Janvier 1967 à Février 1971.

48 jaugeages ont été effectués à GATI :

- débit maximum jaugé : 53,7 m³/s, le 27-9-63, cote 4,93 m.
- débit minimum jaugé : le débit peut être nul.

CARACTÉRISTIQUES DU BASSIN

Hypermétrie

640	à	400	0,7 %
400	à	200	8,1 %
200	à	120	46,4 %
120	à	80	28,5 %
80	à	40	14,4 %
40	à	16	1,9 %

Géologie

Le RAHO prend sa source sur les gneiss, puis traverse la zone d'embréchites, puis le continental terminal :

40,8 %	Embréchites
34,5 %	Gneiss à biotite
1,3 %	Continental Terminal
1,1 %	Dépôts fluvio-lacustres récents
18,3 %	Divers (anatexites, amphibolites, granites).

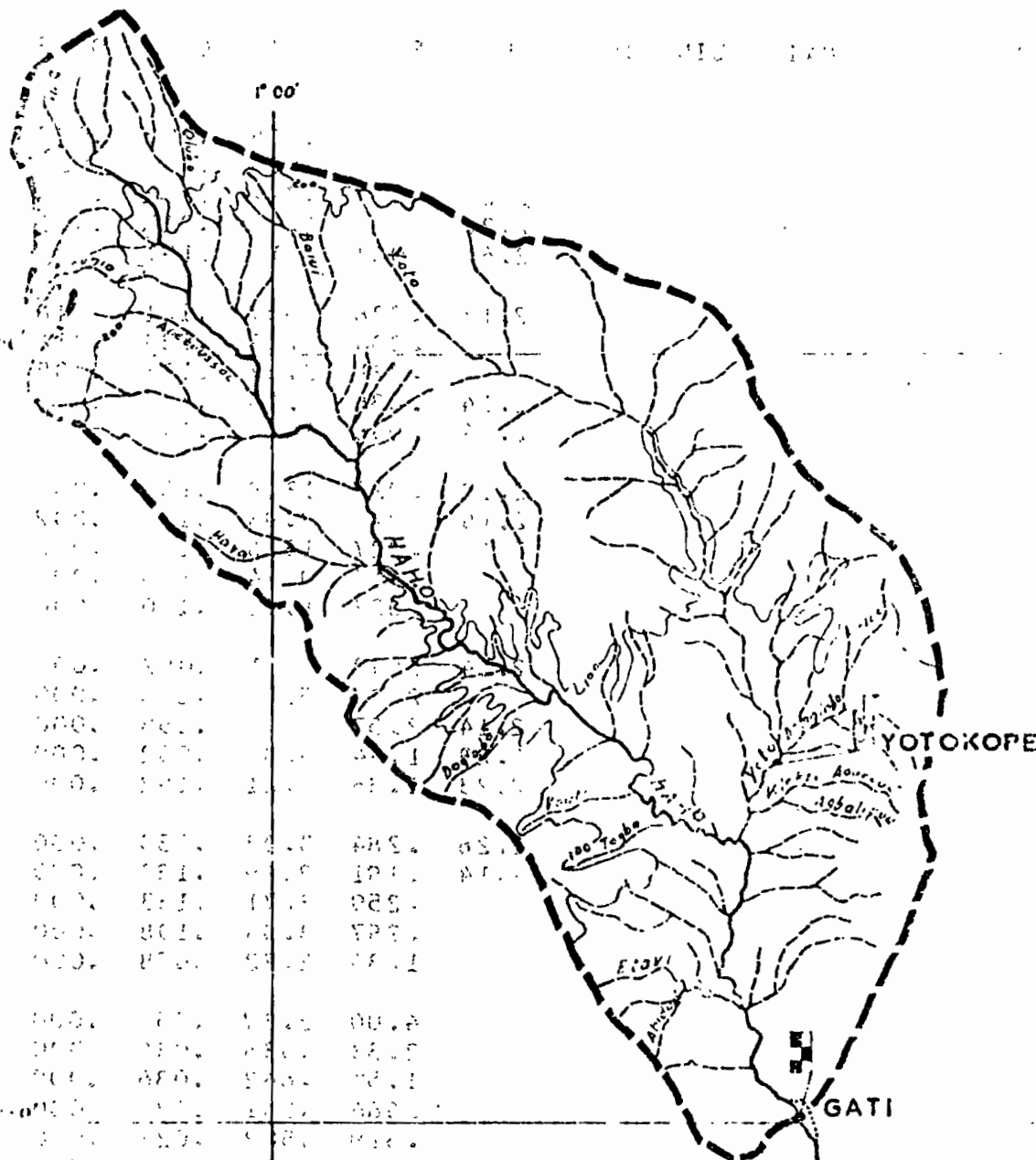
Végétation :

Savane arborée au Nord, puis savane avec forêt galerie le long du RAHO et de ses affluents. Cultures assez étendues dans la moitié aval du bassin.

HAHO A GATI

BASSIN VERSANT=2560Km²

NORD



Echelle: 1:500.000

247

COMPLEMENTS: 20-11-73

DATE: 31/ 5 /65

DESSINÉ: M. Sossah

T 260 11

STATION : TOCO

LAC TOGO HAD

GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1								.468	.297	.027	.000	.000
2						2.33		.429	.224	.022	.000	.000
3						2.28		.742	.224	.015	.000	.000
4						2.28		1.12	.213	.011	.000	.000
5						2.62	.002	.716	.191	.008	.000	.000
6						2.14	.036	.907	.161	.018	.000	.000
7							.036	1.59	.133	.011	.000	.000
8							.031	2.87	.133	.005	.000	.000
9						2.14	.036	7.05	.133	.008	.000	.000
10						2.15	.036	10.3	.142	.008	.000	.000
11						2.15	.027	13.8	.151	.002	.000	.000
12						2.15	.027	8.93	.133	.002	.000	.000
13						2.14	.027	13.6	.108	.002	.000	.000
14							.018	9.24	.100	.000	.000	.000
15							.022	8.78	.100	.000	.000	.000
16						2.14	.078	7.21	.092	.000	.000	.000
17							2.37	5.58	.078	.000	.000	.000
18						2.14	2.57	5.65	.058	.000	.000	.000
19						2.23	1.44	5.86	.092	.000	.000	.000
20						2.23	1.36	6.21	.142	.000	.000	.000
21						2.28	.284	3.03	.133	.000	.000	.000
22						2.14	.191	3.19	.133	.000	.000	.000
23							.259	3.71	.133	.000	.000	.000
24							.297	3.03	.108	.000	.000	.000
25							1.36	2.72	.078	.000	.000	.000
26							4.00	2.37	.052	.000	.000	.000
27							2.33	.936	.036	.000	.000	.000
28							1.51	.642	.036	.000	.000	.000
29							.966	.551	.031	.000	.000	
30							.619	.508	.027	.000	.000	
31								.410		.000	.000	
MOY							.716	4.28	.123	.005	.000	.000

STATION : TOGO LAC TOGO HAQ GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.0000	.0000	.0000	19.9	56.1	46.2	2.57	.213	1.16	.716	.002	.000
2	.0000	.0000	.0000	36.7	54.6	48.8	1.71	.181	.822	.619	.002	.000
3	.0000	.0000	.0000	35.7	54.6	53.1	.907	.151	.667	.468	.000	.000
4	.0000	.0000	.0000	36.1	52.1	51.6	.716	.116	.596	.341	.000	.000
5	.0000	.0000	.0000	37.2	47.9	55.6		.142	.551	.284	.000	.000
6	.0000	.0000	.0000	2.42	36.7	41.5	48.3	.202	.468	.202	.000	.000
7	.0000	.0000	.0000	7.56	34.6	37.8	18.0	.201	.375	.936	.000	.000
8	.0000	.0000	.0000	8.78	36.1	33.6	9.78	.850	.410	.691	.000	.000
9	.0000	.0000	.0000	10.8	25.4	25.9	10.1	.742	.573	.596	.000	.000
10	.0000	.0000	.0000	11.7	22.6	23.4	3.14	.742	.205	.468	.000	.000
11	.0000	.0000	.0000	50.6	15.4	5.93	.742	6.50	.310	.284	.000	.000
12	.0000	.0000	.0000	1.75	52.6	14.2	3.14	.742	.707	.259	.213	.000
13	.0000	.0000	.0000	1.09	55.1	9.54	3.65	.742	.579	.202	.181	.000
14	.0000	.0000	.0000	.878	55.1	14.1	11.2	.573	3.30	.151	.259	.000
15	.0000	.0000	.0000	.448	56.1	14.0	10.6	.508	2.01	1.44	.191	.000
16	.0000	.0000	.0000	1.06	54.1	22.7	11.2	.878	1.09	1.88	.171	.000
17	.0000	.0000	.0000	1.71	53.1	27.0	10.8	.850	3.88	1.06	.133	.000
18	.0000	.0000	.0000	2.59	28.8	29.7	15.7	.907	8.55	.742	.259	.000
19	.0000	.0000	.0000	5.17	25.8	36.7	18.3	.619	4.70	.619	.429	.000
20	.0000	.0000	.0000	4.07	33.9	45.2	17.9	2.05	3.30	1.06	.358	.000
21	.0000	.0000	.0000	1.33	52.1	47.4	18.3	1.96	2.14	1.19	.284	.000
22	.0000	.0000	.0000	.529	45.7	30.3	18.0	1.67	1.47	1.79	.224	.000
23	.0000	.0000	.0000	3.47	56.1	29.4	18.7	1.36	1.26	1.71	.161	.000
24	.0000	.0000	.0000	16.1	52.1	16.9	18.3	.795	3.03	1.63	.142	.000
25	.0000	.0000	.0000	39.7	48.8	10.1	11.4	.468	10.1	1.29	.100	.000
26	.0000	.0000	.0000	43.3	45.7	9.31	10.2	.392	8.25	1.16	.078	.000
27	.0000	.0000	.0000	32.9	47.4	7.07	9.70	.310	5.31	.822	.058	.000
28	.0000	.0000	.0000	14.6	50.2	6.07	10.0	.271	3.36	.768	.047	.000
29	.0000	.0000	.0000	10.6	53.1	4.64	2.62	.247	2.52	.667	.031	.000
30	.0000	.0000	.0000	11.1	55.6	4.25	2.87	.235	2.28	.551	.022	.000
31	.0000	.0000	.0000	12.2		3.71	2.47		2.57		.008	.000
MOY	.0000	.0000	.0000	8.22	45.1	26.8	18.7	.857	3.24	.846	.288	.000

DEBIT MOYEN ANNUEL 8.71 M3/S

STATION : TOGO LAC TOGO HAQ GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.008	.000	.015	21.8	60.0	48.3	47.9	43.7	1.06	.171	.027
2	.000	.000	.000	.015	28.2	58.3		51.1	27.9	.936	.161	.022
3	.018	.000	.000	.008	30.3	57.2		65.9	17.7	.850	.171	.022
4	.031	.000	.058	.005	33.0	54.6		60.5	16.6	.768	.116	.022
5	.065	.000	.036	.000	32.0	53.1	49.2	57.8	12.5	.716	.100	.022
6	.092	.000	.015	.000	22.1	58.3	49.7	64.1	10.6	.716	.085	.022
7	.116	.000	.008	.000	14.6	62.9	48.8	60.0	9.16	.691	.085	.022
8	.151	.000	.018	.000	6.35	65.3	53.6	55.6	5.65	.596	.078	.018
9	.191	.000	.011	.000	16.4	62.3	51.1	52.6	5.52	.488	.071	.018
10	.284	.000	.002	.000	31.3	57.2	50.6	50.6	4.57	.448	.071	.018
11	.247	.000	.000	.000	41.4	58.3	48.8	50.2	3.71	.410	.065	.018
12	.181	.000	.000	.005	50.2	57.2	43.3	49.7	3.47	.375	.065	.019
13	.151	.000	.000	.005	52.1	57.6	34.1	47.9	2.93	.358	.058	.022
14	.085	.000	.000	.000	54.6	56.1	39.4	49.7	2.52	.325	.058	.022
15	.065	.000	.000	.018	52.6	54.1	41.1	50.2	2.72	.310	.071	.022
16	.031	.000	.000	.116	50.6	53.1	37.2	46.6	2.62	.297	.092	.018
17	.022	.002	.000	.100	51.6	56.1	36.4	38.8	2.33	.271	.108	.018
18	.022	.116	.000	.297	53.1	58.3	38.1	35.3	1.55	.271	.092	.018
19	.018	.085	.000	3.14	56.1	54.1	39.1	34.3	1.33	.259	.058	.018
20	.008	.058	.000	6.07	54.6	52.1	47.0	32.8	1.22	.259	.052	.015
21	.000	.092	.000	3.76	55.6	48.3	50.6	36.7	9.93	.247	.041	.015
22	.000	.665	.000	2.37	54.1	45.3	53.1	40.1	12.2	.247	.041	.015
23	.000	.041	.000	1.96	52.6	46.2	51.6	50.6	14.2	.235	.036	.015
24	.000	.058	.011	1.16	50.2	47.4	51.6	53.1	8.25	.224	.036	.015
25	.000	.041	.036	.936	51.1	27.0	59.4	49.7	4.32	.213	.036	.011
26	.000	.031	.041	4.97	53.6	19.2	64.1	35.6	2.67	.202	.036	.011
27	.031	.142	.027	15.8	53.1	22.2	55.6	32.2	2.33	.191	.036	.011
28	.052	.124	.018	23.6	55.1	30.1	51.6	30.3	1.79	.181	.031	.011
29	.036	.000	.015	20.5	58.3	35.3	46.2	43.0	1.47	.181	.031	.011
30	.018	.000	.017	23.0	56.7	44.5	42.2	48.3	1.26	.171	.027	
31	.031		.022		58.3	47.0		46.2		.171	.027	
MOY	.063	.029	.011	3.60	43.8	50.3	47.6	47.3	7.89	.409	.071	.018

DEBIT MOYEN ANNUEL

16.9 M3/S

STATION : TOGO LAC TCGC HAO GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1		.000	.341	.556	46.6	11.4		.642	.341	.100	.133	
2	.011	.000	1.56	.573	44.9	12.4		.768	.310	.124	.850	
3	.008	.018	4.25	.468	44.1	13.0		1.47	.297	.124	.448	
4	.008	.031	6.14	.410	40.4	12.5		1.19	.271	.116	.341	
5	.008	.047	2.52	.310	31.1	12.3		1.12	.259	.116	.310	
6	.008	.071	1.55	.315	22.3	9.70		1.16	.235	.116	.235	
7	.008	.171	2.52	.536	21.8	4.51		1.29	.224	.108	.191	
8	.005	.092	5.58	1.67	10.1	3.47		1.06	.224	.108	.161	
9	.005	.191	3.55	6.50	7.14	2.52		.878	.202	.092	.151	
10	.005	.116	5.38	16.1	6.07	2.42		.768	.191	.085	.142	
11	.000	.071	14.7	20.2	4.51	1.56		1.73	.181	.078	.124	
12	.000	.100	11.5	12.4	4.07	1.71		.936	.161	.071	.124	
13	.000	.142	7.21	6.50	3.36	1.51		.850	.151	.065	.100	
14	.000	.181	4.64	6.28	3.71	1.40		.715	.142	.055	.085	
15	.000	.133	3.82	6.07	4.25	1.33		.619	.133	.065	.078	
16	.000	.108	3.15	8.32	5.65	1.16		.508	.161	.058	.078	
17	.000	.085	3.05	16.7	5.38	1.03		.468	.124	.053	.065	
18	.000	.065	2.72	24.9	3.30	.966		.448	.124	.058	.053	
19	.000	.018	2.37	22.0	2.72	.878		.410	.124	.058	.058	
20	.000	.000	2.14	45.2	2.14	.822		.508	.108	.058	.052	
21	.000	.000	1.52	44.1	1.71	.715		.429	.108	.058	.041	
22	.000	.000	6.57	42.0	1.44	.667		1.83	.100	.047	.036	
23	.000	.000	13.8	45.7	6.14	.556		1.63	.100	.047	.031	
24	.000	.000	10.8	22.2	14.5	.573		1.36	.100	.041	.031	
25	.000	.000	2.82	21.5	23.2	.551		1.19	.116	.036	.022	
26	.000	.000	2.05	31.5	20.7	.551		.716	.116	.031	.018	
27	.000	.000	1.71	43.0	18.4	.529		.642	.108	.031	.015	
28	.000	.000	1.26	51.1	14.4	.508		.596	.100	.027	.008	
29	.000	.000	.966	57.2	13.2	.468		.529	.100	.022	.008	
30	.000	.000	.755	53.1	11.9	.468		.448	.085	.018	.005	
31	.000		.667		10.6	.429		.392		.018	.005	
MOY	.002	.065	4.28	20.8	14.5	3.33		.858	.167	.068	.129	

STATION : TCGO LAC TOGO HAO GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

MARS AVRI MAI JUIN JUIL AOÛT SEPT OCTO NOVE DECE JANV FEVR

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MOY

STATION : TOGO

LAC TOGO

HAC

GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.018	.000	2.67	18.3	30.2	2.72	5.35	24.8	1.44	.325	.180	.110
2	.018	.071	3.03	7.01	24.6	3.28	4.13	22.1	1.22	.271	.180	.098
3	.015	.123	2.22	3.77	16.2	7.54	3.39	25.2	1.08	.259	.175	.087
4	.015	.210	1.19	1.92	11.9	18.7	2.82	26.6	.393	.259	.170	.087
5	.011	.392	.742	2.67	8.16	12.1	2.45	31.1	.782	.247	.170	.087
6	.008	.258	.584	2.92	5.70	8.97	2.14	33.6	.679	.271	.165	.076
7	.008	.284	.429	5.20	4.39	5.41	2.05	31.5	.573	.247	.160	.076
8	.005	.247	.499	13.1	3.17	3.59	2.75	26.8	.503	.259	.160	.066
9	.005	.202	.498	7.08	2.93	2.80	3.33	24.4	.438	.247	.155	.066
10	.002	.171	.459	6.18	9.36	2.40	3.09	22.5	.410	.224	.150	.056
11	.000	.161	.358	16.8	24.7	6.85	2.85	18.9	.366	.213	.150	.056
12	.000	.151	.203	24.1	31.3	12.4	8.07	15.0	.350	.202	.145	.046
13	.000	.142	.284	32.8	36.9	10.2	16.6	21.2	.310	.181	.145	.036
14	.000	.133	.259	30.4	45.6	8.21	11.8	16.7	.313	.171	.140	.036
15	.000	.133	.235	9.57	51.3	6.50	5.72	13.2	.458	.191	.140	.026
16	.000	.124	.218	5.42	53.6	5.28	3.47	11.4	.584	.202	.135	.026
17	.000	.142	.213	3.50	50.2	5.38	3.33	8.53	.508	.181	.135	.017
18	.000	.142	.284	3.06	44.1	5.05	3.62	5.39	.458	.181	.130	.000
19	.000	.151	.411	2.69	40.4	4.86	4.22	3.83	.410	.171	.130	.000
20	.000	.121	.375	5.22	43.3	5.28	3.31	2.98	.375	.171	.125	.000
21	.000	.553	.303	11.2	38.9	14.5	2.77	2.62	.358	.171	.125	.000
22	.000	.334	.468	22.1	25.4	20.5	2.10	2.52	.318	.171	.125	.000
23	.000	.253	.631	19.1	11.6	21.7	2.34	2.35	.303	.161	.120	.000
24	.000	.1302	.769	35.1	8.86	19.3	3.98	2.01	.284	.161	.120	.000
25	.000	.181	1.06	43.0	6.57	16.8	6.43	1.75	.271	.161	.120	.000
26	.000	.1207	.693	44.7	5.39	13.3	9.79	1.65	.367	.161	.115	.000
27	.000	.1247	.654	41.2	4.29	12.5	13.7	1.67	.458	.151	.115	.000
28	.000	.1266	.669	29.9	3.74	19.4	17.4	2.35	.530	.151	.115	.000
29	.000	.1392	1.42	31.1	3.65	18.0	27.2	2.48	.429	.171	.110	
30	.000	.1678	3.68	26.1	3.53	10.1	31.9	1.72	.366	.181	.110	
31	.000	800	9.10		3.09	8.81		1.31		.181	.110	
MOY	.003	.240	1.13	17.0	21.1	10.1	7.07	13.2	.528	.203	.139	.038

DEBIT MOYEN ANNUEL

5.94 M3/S

STATION : TOGO

LAC TOGO

HAO

GATI

NUMERO : 41341506

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	3.22	21.5	3.53	22.8	3.75	1.02	28.9	4.96	.382	.285	.098
2	.000	3.24	18.3	3.53	17.3	2.91	.934	35.1	2.06	.382	.285	.098
3	.000	1.46	8.83	4.07	23.4	3.07	.871	36.4	1.41	.365	.269	.098
4	.000	1.05	4.44	4.76	25.2	2.34	.780	28.3	2.01	.434	.269	.098
5	.000	.824	3.14	5.81	21.6	1.89	.713	15.2	3.39	.434	.171	.098
6	.000	.961	2.50	4.65	17.5	1.68	.651	8.17	2.03	.416	.171	.087
7	.000	.848	2.10	7.91	17.9	1.50	.659	6.82	1.60	.382	.171	.087
8	.000	.702	1.89	17.6	16.6	1.40	1.58	5.78	.936	.382	.158	.076
9	.000	.607	1.76	20.6	14.3	1.28	5.15	5.55	1.23	.316	.146	.076
10	.000	.725	1.52	28.5	10.7	1.50	6.50	7.16	1.10	.316	.146	.066
11	.000	.848	1.33	43.1	11.6	1.33	15.8	7.29	.974	.300	.146	.056
12	.000	.659	1.20	46.4	8.82	1.16	19.7	8.31	.883	.300	.146	.056
13	.000	.547	1.16	47.7	9.32	1.20	21.7	11.0	.836	.300	.158	.036
14	.000	.480	1.18	41.0	7.22	.988	22.2	8.48	.769	.285	.158	.036
15	.000	.416	1.65	22.8	6.82	1.23	13.0	14.4	.713	.269	.158	.036
16	.036	.373	2.71	27.8	7.33	1.43	7.46	22.2	.713	.269	.146	.036
17	.026	.308	2.55	34.5	8.04	2.91	8.55	28.6	.691	.254	.146	.036
18	.026	.285	2.06	41.8	5.65	2.67	10.4	30.1	.648	.240	.146	.036
19	.017	.262	2.06	36.1	4.08	2.03	10.5	24.5	.627	.226	.146	.036
20	.017	.247	7.03	26.1	3.40	1.70	19.8	10.5	.566	.226	.146	.026
21	.009	.285	5.35	16.5	2.76	1.62	23.2	5.02	.527	.226	.146	.017
22	.009	.269	4.99	15.1	2.34	1.62	18.4	5.72	.527	.212	.134	.017
23	.000	.408	2.85	22.7	2.85	2.73	9.15	8.82	.489	.212	.134	.017
24	.000	3.69	1.91	33.5	2.26	6.04	6.35	7.33	.470	.212	.122	.000
25	.000	18.5	1.75	37.4	2.47	4.66	5.22	4.46	.452	.212	.122	.000
26	.000	25.6	6.22	46.0	2.21	3.30	4.53	3.13	.434	.198	.110	.000
27	.000	31.8	6.99	50.5	2.13	1.94	4.53	2.79	.434	.198	.110	.000
28	.000	30.0	3.95	43.5	3.98	1.56	7.87	3.82	.416	.198	.110	.000
29	.026	29.9	2.50	31.7	5.91	1.32	14.4	3.62	.399	.198	.110	.000
30	.026	32.2	1.81	27.0	5.48	1.06	24.3	3.89	.399	.198	.110	
31	.240		1.76		5.55	.857		7.46		.300	.098	
MOY	.014	6.39	4.71	27.5	9.60	2.05	9.54	12.9	1.09	.285	.157	.046

DEBIT MOYEN ANNUEL

6.17

M3/S

STATION : TOGO LAC TOGO HAO GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.134	2.53	.872	24.4	51.1	51.6	70.5	16.4	1.31	.416	.332
2	.000	.122	1.10	.702	26.6	51.6	45.5	64.7	18.9	1.18	.416	.416
3	.000	.122	.814	1.78	28.3	52.6	48.1	52.1	23.0	1.76	.416	.373
4	.000	.098	.597	3.82	30.3	52.1	49.5	50.4	21.0	1.00	.416	.324
5	.000	.087	.462	3.85	39.0	51.1	45.5	53.1	17.5	1.00	.416	.277
6	.000	.087	.557	5.91	48.3	50.2	44.4	49.0	13.9	.921	.416	.247
7	.000	.070	.852	4.08	52.8	49.7	51.4	46.0	12.7	.896	.416	.219
8	.000	.166	.836	2.62	56.4	49.2	59.1	48.1	10.1	.824	.416	.172
9	.000	.066	.659	3.07	54.8	51.1	573.8	51.6	7.63	.780	.416	.082
10	.000	.056	.547	1.97	54.6	55.6	78.8	55.9	6.55	.757	.416	.031
11	.000	.046	.443	3.00	54.8	54.6	82.7	54.8	6.72	.735	.416	.017
12	.000	.046	.408	4.04	50.9	52.6	78.0	53.6	6.58	.631	.416	.031
13	.000	.036	.340	5.17	53.1	51.1	68.3	55.6	6.28	.586	.416	.110
14	.000	.026	.699	15.3	52.8	49.2	67.0	50.9	5.51	.489	.416	.093
15	.000	.026	1.32	21.5	49.5	48.8	71.0	47.0	4.76	.332	.416	.032
16	.000	.026	.944	23.4	51.3	47.9	64.9	43.9	3.07	.171	.382	.071
17	.000	.008	.638	30.9	54.1	47.4	57.8	46.2	2.73	.066	.332	.056
18	1.27	.270	.480	39.8	52.6	46.0	50.7	49.0	2.42	.134	.254	.026
19	.989	.205	.357	44.9	51.6	42.6	46.0	45.5	2.11	.638	.198	.009
20	.692	.111	.308	47.0	52.6	40.3	48.8	47.0	1.70	.758	.146	.009
21	.471	.146	.247	45.5	51.6	42.0	54.1	41.8	2.33	.659	.122	.036
22	.356	.256	.255	41.4	49.2	41.3	53.6	38.9	2.58	.597	.098	.026
23	.308	.265	.249	33.7	47.9	48.3	56.1	40.8	2.99	.537	.098	.017
24	.262	.518	.240	19.3	49.7	51.6	53.6	37.7	2.82	.508	.087	.009
25	.240	.736	.265	10.8	49.2	54.6	50.9	34.6	3.30	.471	.087	.184
26	.205	.897	1.19	18.5	47.9	57.2	52.6	29.8	2.70	.434	.076	.171
27	.191	1.04	2.14	22.5	48.8	60.4	56.4	23.9	2.16	.416	.076	.171
28	.178	1.18	2.02	27.6	49.2	54.6	63.9	20.8	1.83	.416	.066	.158
29	.171	1.07	1.62	30.9	49.2	50.9	72.0	19.5	1.54	.416	.066	
30	.158	1.13	1.77	28.3	48.8	52.6	68.6	16.6	1.40	.416	.066	
31	.140		1.18		49.7	56.1		15.7		.416	.171	
MOY	.182	.314	.841	18.1	47.7	50.5	58.8	43.7	7.08	.635	.276	.134

DEBIT MOYEN ANNUEL

19.2 M3/S

STATION : TOGO

LAC TOGO

HAC

GATI

NUMERO : 47241506

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.158			2.85	7.56	2.13	.735	5.88	9.84	.212	.134	.000
2	.158			2.36	5.85	1.83	.691	6.01	7.22	.212	.134	.000
3	.098			1.94	4.53	1.81	.607	9.20	4.73	.212	.122	.000
4	.009			2.03	5.48	3.27	.586	6.40	3.53	.212	.122	.000
5	.053			2.39	6.72	2.50	.566	7.56	3.13	.212	.122	.000
6	.076			3.49	7.94	1.70	.470	4.37	3.00	.226	.110	.000
7	.066			6.25	6.48	1.50	.416	2.65	2.76	.212	.110	.000
8	.046			6.65	4.59	2.18	.365	2.08	2.55	.198	.134	.000
9	.036			12.6	3.66	4.82	.316	2.31	2.23	.171	.146	.000
10	.031	.726		14.6	7.26	3.15	.285	2.10	1.76	.146	.146	.000
11	.026	.607		15.9	14.6	1.85	.254	1.83	1.37	.146	.158	.000
12	.017	.435		15.4	24.4	1.44	.240	1.66	1.64	.171	.171	.000
13	.017	.201		19.3	26.3	1.15	.212	1.54	1.53	.171	.146	.000
14	.017	.185		24.4	24.9	1.00	.212	1.20	1.25	.184	.134	.000
15	.009	.093		20.1	16.2	.883	.198	.974	.849	.199	.134	.000
16	.009	.027		12.8	9.43	.836	.184	.836	.670	.198	.110	.000
17	.026	.000		6.72	6.68	.780	.165	.670	.586	.184	.087	.000
18	.017			6.58	6.89	.713	.146	2.69	.547	.184	.087	.000
19	.013			4.33	17.1	.670	.146	3.75	.508	.184	.076	.000
20	.009			3.52	22.8	.627	.146	5.19	.470	.146	.066	.000
21				6.23	32.4	.586	.146	7.05	.452	.146	.066	.000
22				14.2	22.3	.566	.146	10.3	.434	.146	.066	.000
23				24.0	9.61	.547	.146	13.2	.382	.158	.056	.026
24	6.36			32.4	7.60	.508	.146	17.8	.332	.146	.056	.009
25	4.01			39.3	9.87	.547	.146	19.7	.300	.146	.056	.000
26	1.67			35.7	6.11	.627	.134	19.6	.269	.146	.046	.000
27	.899			38.8	4.66	.607	.201	17.1	.254	.134	.046	.000
28	3.20			42.2	3.82	.607	.567	15.5	.254	.146	.046	.000
29	2.59		1.10	25.7	3.33	.547	5.08	11.5	.226	.146	.036	
30	1.31		2.15	16.1	3.00	.527	5.55	10.5	.212	.146	.036	
31	.598		3.14		2.47	.508		10.2		.146	.009	
MOY	1.00			15.4	10.8	1.32	.640	7.14	1.78	.174	.096	.001

STATION : TOGO

LAC TOGO PHAO

GATI

NUMERO : 47341506

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.000	.000	.000	12.0	1.50	.240	.166	6.88	24.5	.146	.000	
2	.000	.000	.000	8.55	1.13	.270	.277	7.36	16.2	.134	.000	
3	.000	.000	.000	6.35	1.38	.316	.247	7.90	23.9	.122	.000	
4	.000	.000	.000	5.32	2.31	.255	.198	8.75	22.7	.098	.000	
5	.000	.000	.000	3.95	4.63	.205	.146	11.4	16.4	.087	.000	
6	.000	.000	.000	3.23	3.02	.178	.122	15.5	11.0	.087	.000	
7	.000	.000	.000	2.79	1.79	.152	.104	20.4	7.80	.076	.000	
8	.000	.000	.026	2.50	5.35	.128	.087	17.7	5.75	.066	.000	
9	.000	.000	.046	1.46	2.02	.093	.076	12.7	4.01	.056	.000	
10	.000	.000	.017	.975	1.26	.076	.066	11.1	3.01	.056	.000	
11	.000	.046	.000	.768	1.11	.066	.076	10.6	2.23	.046	.000	
12	.000	.056	.000	.691	.960	.066	.093	11.4	1.90	.046	.000	
13	.000	.026	.000	.649	3.19	.155	.110	17.2	1.54	.036	.000	
14	.000	.009	.000	.527	10.8	.791	.306	20.2	1.30	.026	.000	
15	.000	.000	.000	.382	8.18	1.12	6.72	17.2	1.09	.026	.000	
16	.000	.000	.000	.472	3.30	.936	5.91	16.0	.921	.017	.000	
17	.000	.026	.000	.702	1.75	1.14	4.66	15.7	.802	.017	.000	
18	.009	.087	.000	.462	1.12	1.18	3.91	7.80	.713	.017	.000	
19	.000	.122	.000	.212	2.06	1.31	3.33	7.49	.648	.000	.000	
20	.000	.134	.000	.191	2.28	.803	2.91	6.01	.691	.000	.000	
21	.026	.087	.000	.262	1.50	.547	2.56	5.12	.586	.000	.000	
22	.036	.056	.000	.240	1.12	.434	1.70	7.29	.527	.000	.000	
23	.036	.009	.000	.233	.792	.348	2.78	4.89	.489	.000	.000	
24	.017	.000	7.40	.212	.628	.285	4.50	3.36	.399	.000	.000	
25	.036	.000	14.5	.198	.527	.240	5.05	7.81	.316	.000	.000	
26	.056	.000	15.0	.561	.461	.185	5.81	24.3	.300	.000	.000	
27	.046	.000	21.6	8.96	.416	.152	6.55	31.0	.254	.000	.000	
28	.046	.000	22.6	6.99	.425	.166	7.46	37.3	.212	.000	.000	
29	.026	.000	17.8	3.72	.226	.233	9.38	43.0	.184	.000	.000	
30	.009	.000	12.4	2.21	.262	.198	7.32	40.6	.153	.000	.000	
31	.000		16.4		.262	.152		38.0		.000	.000	
MOY	.011	.022	4.16	2.53	2.12	.400	2.75	15.9	5.02	.038	.000	.000

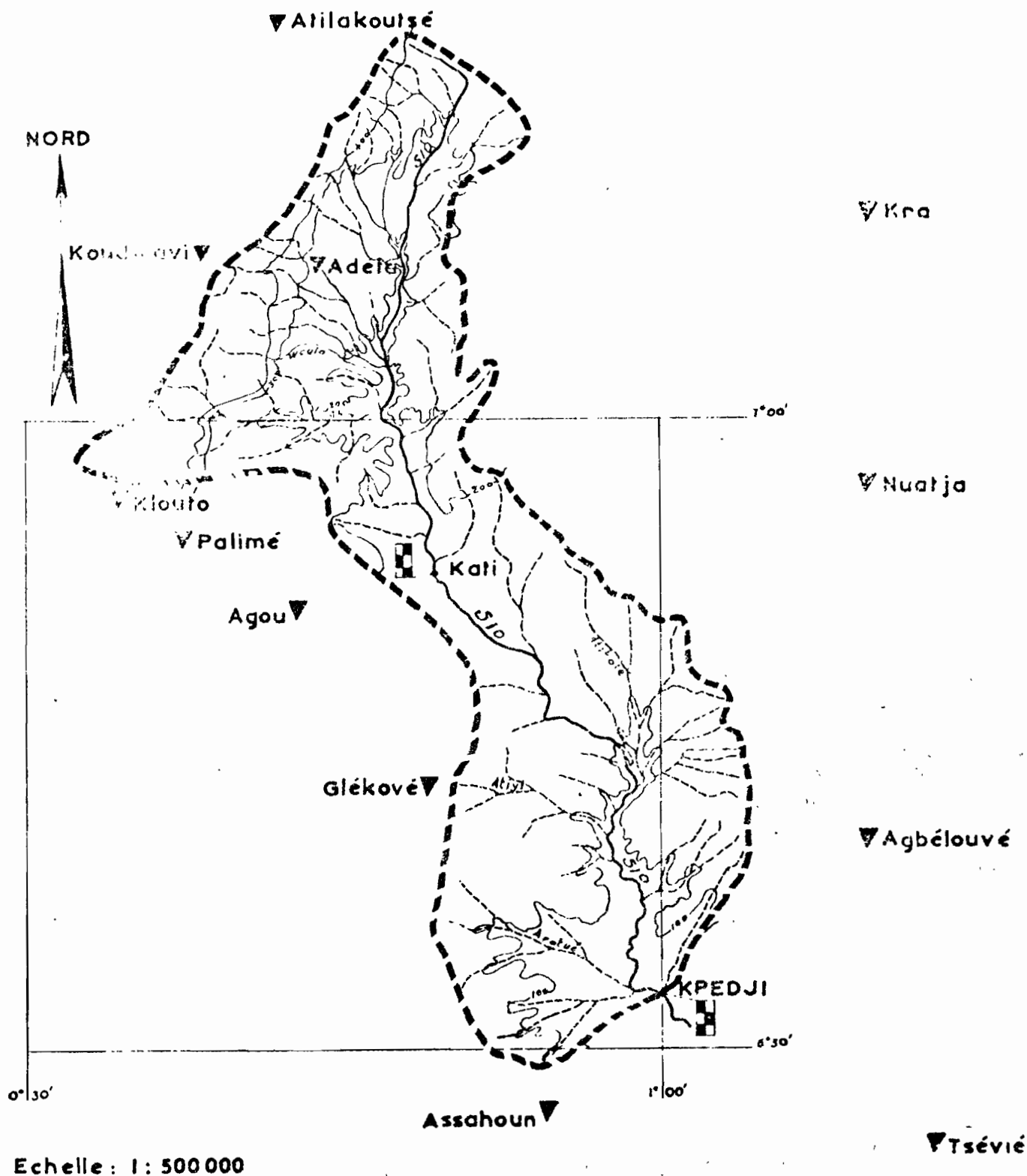
DEBIT MOYEN ANNUEL

2.77

M3/S

SIO A KPEDJI

BASSIN VERSANT = 1012 Km²



Code : 47 34 22 05

bassin versant : 1 812 km²CARACTERISTIQUES DE LA STATION

Station exploitée par l' O.R.S.T.O.M.

Coordonnées : 6° 32' N - 1° 00' ECote du zéro de l'échelle : 52,915m (repérée par rapport borne entricule 18 cotée 62,295).Accès : Par Tsévié - Pont sur la piste Tsévié - Klokpé - Kpédji -
Assahoun.Installations : Echelles implantées le 26 Août 1953. Les éléments 0-1, 1-2 et 2-3 m. sont fixés sur I.P.N 163 x 75 mm. Les éléments 3-4, 4-6 et 6-7 mètres sont scellés sur la culée rive droite du pont.Lectures :

Deux lectures de bonne qualité, à 6 heures et 16 heures 30.

Jaugeages - Courbes de tarage :

Deux courbes d'étalonnage ont été retenues, la première valable du début des observations à fin 1963, la seconde de 1964 à fin 1971.

Ces courbes ont été obtenues avec 39 jaugeages.

- débit minimum jaugé : 0,248 m³/s, le 10-03-1961, cote 0,46 mètre
- débit maximum jaugé : 83,2 m³/s, le 17-10-1963, cote moyenne 5,21 m.

CARACTERISTIQUES DU BASSINHypsométrie

de 986 à 600 m.	6,6 %
600 à 300	10,4
300 à 200	22,3
200 à 100	47,4
100 à 53	13,3

Altitude moyenne du bassin : 215 mètres.

Relief et Géologie :

Les affluents du SIO supérieur prennent naissance sur le rebord Est des Monts Togo entre Kpimé et Sodo (granites et quartzites), et sur le Mont Agou (gneiss).

Les collines de piedmont sont gneissiques. La partie inférieure du bassin se trouve sur les embréchites, (relief collinaire).

La surface occupée par les différentes roches est la suivante :

- Rebord des Monts Togo : 25,8 %		
. Quartzites micacés		9,4 %
. Granites calco-alcalin à biotite		9,4 %
. Diorites quartzitiques à amphibole et biotite	7	%
- Mont Agou	10 %	Orthogneiss à amphibole
- Piedmont	20,1 %	Gneiss à biotite
- Plaine	44,1 %	Embréchites et divers.

Végétation :

Sur les rebords des Monts Togo et du Mont Agou, et la zone de bordure, forêt souvent cultivée en caféier, cacaoyers et palmiers.

Dans la plaine, savane boisée plus ou moins claire, avec galerie forestière le long des rivières.

STATION : TOGO

LAC TOGO

SIO

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1953-1954 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVÉ	DECE	JANV	FEVR
1							3.41	7.52	4.45	1.46	1.35	.800
2							2.93	7.25	3.57	1.35	1.25	.741
3							2.66	7.47	3.14	1.30	1.10	.722
4							2.66	8.35	2.93	1.25	.968	.684
5							3.81	8.24	2.59	1.20	.882	.648
6							3.04	7.63	2.47	1.15	.840	.648
7							3.26	6.79	2.34	1.06	.800	.648
8							2.93	6.95	2.44	1.06	.882	.648
9							2.83	6.65	2.34	1.06	.840	.612
10							2.59	6.55	2.33	1.06	.840	.595
11							2.73	7.27	4.70	1.01	.924	.544
12							4.24	8.29	4.80	1.01	1.25	.512
13							5.12	9.87	3.61	1.01	1.35	.596
14							4.56	15.3	3.30	1.01	1.30	.465
15							3.85	13.6	2.83	.958	1.25	.450
16							3.77	12.8	2.63	.924	1.15	.450
17							3.81	11.9	2.53	.882	1.06	.450
18							3.73	9.49	2.47	.882	1.04	.450
19							3.41	7.47	2.40	.932	1.01	.450
20							3.53	6.74	2.23	.882	1.26	1.35
21							3.37	7.16	2.11	.882	1.71	1.15
22							3.70	5.63	2.06	.882	1.11	.990
23							4.84	5.04	2.00	.882	1.06	1.01
24							4.29	5.24	1.90	.882	1.08	1.20
25							3.69	4.84	1.85	.882	.990	1.15
26							2.72	3.94	4.42	1.80	.882	.840
27							2.66	5.80	3.89	1.68	.882	.961
28							2.55	6.26	3.53	1.57	1.01	.882
29							2.47	6.45	3.29	1.51	1.06	.840
30							2.40	7.00	4.25	1.51	1.10	.840
31							2.54	5.08		1.35	.820	
MOY							3.94	7.37	2.61	1.04	1.05	.744

STATION : TOGO

LAC TOGO

SID

KFEDJI

NUMERO : 47142205

DEBITS MOYENS JOURNALIERS EN 1954-1955 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.781	1.57	.882	5.85	5.68	3.00	3.73	7.74	19.4	3.38	2.23	1.35
2	.648	1.51	1.35	4.97	15.2	2.93	3.29	9.70	25.7	3.49	1.68	1.25
3	.595	1.54	1.79	4.33	25.7	2.66	3.14	12.1	26.5	2.79	1.68	1.06
4	.699	1.85	1.77	5.45	30.9	2.47	3.00	14.1	20.8	2.53	1.57	1.06
5	.741	2.11	1.62	5.72	25.0	2.28	2.76	13.6	15.2	2.34	1.57	.968
6	.761	1.85	1.54	6.75	16.4	2.17	2.53	12.0	14.3	2.26	1.57	.968
7	.545	1.98	1.15	22.7	11.0	2.11	2.37	15.9	12.4	1.95	1.51	.968
8	.465	3.53	1.10	10.2	12.5	2.06	2.28	16.6	10.9	2.11	1.46	.968
9	.435	2.83	1.25	9.12	8.88	2.00	2.28	16.2	8.82	2.09	1.46	.924
10	.545	2.20	1.08	6.80	10.4	1.95	2.28	22.9	7.69	2.00	1.40	.968
11	.596	2.44	.990	6.35	13.5	1.90	3.00	21.2	6.17	1.95	1.35	.968
12	.529	2.23	.882	10.6	22.6	1.90	3.00	26.5	5.54	1.90	1.35	.968
13	.517	2.17	.970	14.3	27.6	1.90	2.79	44.0	4.96	1.97	1.35	1.15
14	.613	2.59	1.38	28.2	21.5	1.90	2.47	64.0	4.65	1.92	1.35	1.01
15	.481	1.98	1.90	41.8	12.1	1.90	2.34	60.6	4.88	1.90	1.35	.832
16	.481	2.04	2.29	54.8	8.13	1.95	3.44	59.7	4.76	2.03	1.30	.800
17	.481	1.95	1.95	40.0	6.85	2.09	5.76	68.5	5.00	1.95	1.25	.750
18	.645	1.51	1.87	28.8	6.17	2.06	7.90	60.2	4.47	1.98	1.25	.800
19	.991	1.30	1.68	21.9	5.54	2.09	16.0	56.1	3.94	3.57	1.25	.800
20	.820	1.25	1.60	15.8	5.00	2.06	18.7	48.7	4.11	2.93	1.15	.900
21	.761	1.08	1.35	13.3	4.65	1.98	19.8	41.2	4.20	2.93	1.10	.982
22	.913	1.04	1.79	16.0	4.56	2.17	17.3	32.6	3.69	3.00	1.06	.900
23	1.90	1.30	1.43	11.2	4.02	2.34	12.1	28.6	3.33	2.72	1.06	.982
24	2.01	1.57	1.15	10.0	3.65	2.23	9.74	26.2	3.22	2.26	1.06	.840
25	4.80	1.71	1.25	9.61	3.26	2.11	9.30	23.7	3.00	2.03	1.06	1.06
26	4.20	1.62	1.72	9.55	3.04	2.17	8.94	22.6	2.86	2.09	1.06	1.15
27	2.93	1.43	2.53	11.9	2.93	2.53	8.12	21.5	2.72	2.03	1.01	.882
28	2.47	1.10	4.49	37.7	2.69	2.35	6.60	17.3	2.72	1.90	1.06	.924
29	2.14	.990	5.00	12.3	2.66	2.14	6.79	16.6	2.50	1.85	1.06	
30	2.17	.925	5.80	10.3	3.98	2.11	6.65	16.0	2.47	1.80	1.15	
31	1.79		6.21		3.04	3.73		17.1		1.30	1.20	
MOY	1.24	1.77	2.01	16.2	10.7	2.23	6.61	29.5	8.04	2.30	1.32	.959

DEBIT MOYEN ANNUEL

6.94 M3/S

STATION : TOGO

LAC TOGO

SIO

KPECJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1955-1956 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBV
1	1.00	1.25	10.5	5.93	17.6	8.58	4.11	10.2	35.5	1.85	.968	.648
2	1.28	1.28	12.8	7.25	13.8	8.35	3.41	14.0	25.6	1.85	.968	.612
3	1.13	1.20	16.1	4.47	8.58	8.24	4.07	13.5	24.1	1.77	.924	.612
4	1.29	1.51	18.2	15.8	11.8	8.13	3.46	12.7	20.2	1.90	.924	.612
5	1.30	1.60	19.2	14.8	10.3	24.5	3.07	15.1	23.1	2.15	.982	.648
6	1.10	14.6	12.2	15.6	11.9	13.9	3.07	17.6	12.8	5.36	.924	.612
7	1.13	10.9	12.1	18.8	16.5	15.9	3.37	20.1	8.24	2.50	1.01	.578
8	1.01	7.26	12.2	22.9	22.0	18.3	3.00	26.0	7.63	2.23	.924	.578
9	1.68	8.82	16.5	22.9	22.8	17.8	3.00	26.7	7.96	2.06	1.01	.544
10	1.06	8.88	15.6	23.3	29.1	11.6	3.37	27.2	6.26	1.37	1.01	.512
11	1.50	5.47	12.9	19.3	20.4	7.94	3.49	24.9	5.41	1.71	.982	.512
12	1.81	2.50	8.66	15.1	11.7	6.17	4.29	20.0	4.76	1.32	.840	.512
13	2.87	2.07	6.21	11.8	8.53	5.54	5.37	17.0	4.15	1.62	1.01	.578
14	1.95	2.59	4.42	10.8	7.31	5.62	6.36	13.2	3.69	1.57	.982	.612
15	1.35	5.46	2.61	10.1	6.84	7.17	7.10	11.7	3.33	1.46	.982	.512
16	1.38	9.55	3.07	8.76	6.89	10.7	7.90	14.8	3.00	1.38	.840	.512
17	1.25	7.18	3.69	8.01	37.3	9.43	5.89	18.3	2.93	1.51	.800	.512
18	1.04	6.41	4.73	7.57	23.1	5.99	12.8	17.9	2.66	1.35	.760	.512
19	.925	5.77	12.9	15.2	20.0	4.63	12.2	14.1	4.02	1.30	.968	.512
20	1.06	4.69	15.6	14.3	22.5	3.90	9.87	10.6	6.55	1.28	.982	.528
21	2.17	4.68	16.0	14.7	28.0	3.37	10.3	9.37	6.09	1.25	.800	.544
22	1.79	6.09	14.1	8.47	27.7	3.04	10.8	8.76	4.29	1.23	.722	.544
23	1.26	7.47	13.3	8.24	20.5	2.79	8.13	8.52	3.33	1.18	.722	.631
24	3.99	7.16	9.24	7.31	15.2	3.43	7.41	8.70	2.93	1.10	.760	2.41
25	2.73	5.25	6.55	12.0	11.7	5.74	8.77	9.30	2.53	1.38	.982	1.58
26	2.11	4.16	5.63	5.23	8.71	6.70	12.3	13.2	2.38	1.51	.924	1.06
27	2.06	3.22	6.22	15.7	7.05	5.94	14.8	18.8	2.23	1.33	.760	.925
28	1.87	2.69	8.41	20.1	5.89	4.92	16.2	29.6	2.06	1.18	.722	.820
29	1.98	4.14	11.5	25.2	5.54	4.88	13.1	30.6	2.00	1.08	.722	.703
30	1.90	7.40	12.9	24.1	5.90	4.03	10.6	45.0	1.95	1.06	.684	
31	1.60		12.0		7.69	3.73		42.7		1.01	.648	
MOY	1.73	5.46	11.1	14.1	15.6	8.06	7.52	18.4	8.05	1.71	.860	.706

DEBIT MOYEN ANNUEL

1955-1956 7.80 M3/S

STATION : TOGO

LAC TOGO

SIO

KFEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1956-1957 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.741	1.93	1.51	10.4	7.52	1.51	.648	3.98	1.15	1.08	.480	.254
2	.703	1.51	1.35	8.47	6.22	1.35	.724	3.85	.990	.903	.450	.288
3	.595	2.01	1.25	8.29	5.37	1.25	1.01	3.07	.861	.990	.480	.264
4	.528	2.35	1.08	8.76	5.54	1.15	.925	3.00	.780	.946	.450	.264
5	.580	2.56	1.33	7.41	4.79	1.06	.820	3.00	.741	.990	.420	.276
6	.545	1.98	2.13	5.75	3.98	1.06	.761	3.34	.666	2.76	.392	.264
7	.928	1.87	5.67	3.77	4.47	1.06	.684	2.44	.648	1.98	.392	.232
8	.562	1.90	3.87	2.97	4.37	1.06	.666	2.28	.648	1.65	.392	.177
9	.761	4.24	2.47	2.83	6.26	1.01	.648	2.50	.703	1.43	.420	.325
10	.821	5.29	1.93	5.24	5.63	.968	.630	2.17	.861	2.01	.392	.481
11	.595	3.83	1.98	7.52	4.68	.924	.946	1.93	1.04	2.01	.392	.648
12	.496	4.03	2.06	11.2	3.94	.882	1.25	1.74	2.50	1.60	.364	.497
13	.450	6.36	2.47	7.57	3.41	.882	1.08	1.62	3.95	1.23	.338	.256
14	.430	6.84	3.87	8.30	3.07	.924	.882	1.54	2.32	1.04	.312	.177
15	.435	7.05	4.08	10.2	2.79	.840	.820	1.46	1.74	.968	.312	.150
16	.481	4.96	2.29	12.2	2.53	.800	.800	1.40	1.54	.861	.264	.145
17	.580	3.57	3.61	12.1	2.40	.760	.840	1.25	1.51	.800	.264	.135
18	.630	2.93	2.97	9.00	2.28	.800	1.06	1.15	1.38	.722	.288	.161
19	2.17	2.83	2.12	7.06	2.17	.800	1.08	1.23	1.20	.684	.288	.161
20	1.98	3.45	1.74	5.72	1.98	.800	1.10	1.08	1.10	.648	.288	.121
21	2.59	2.56	2.42	19.3	1.85	.722	2.17	.946	1.04	.612	.312	.117
22	2.23	2.01	5.15	8.15	1.74	.722	1.74	1.47	.990	.612	.312	.126
23	1.31	1.65	1.96	7.58	1.62	.722	1.71	2.12	.946	.544	.312	.121
24	1.20	3.59	1.14	9.25	1.57	.722	1.68	1.50	.946	.512	.288	.121
25	.882	4.37	1.49	12.8	1.51	.722	1.38	1.43	.903	.480	.312	.140
26	.882	2.54	1.06	14.8	1.38	.722	1.38	1.28	.840	.480	.312	.178
27	2.68	1.93	.882	16.7	1.30	.684	1.28	1.25	2.09	.450	.338	.605
28	5.28	1.62	1.30	17.5	1.50	.684	1.06	2.30	1.90	.450	.312	.722
29	5.80	1.71	1.04	14.7	2.38	.648	1.10	1.62	1.54	.480	.338	
30	3.78	1.46	9.73	10.3	1.79	.648	2.47	1.60	1.25	.480	.338	
31	2.50		25.9		1.66	.648		1.49		.480	.312	
MOY	1.41	3.16	2.30	9.52	3.29	.888	1.11	1.97	1.29	.996	.351	.265

DEBIT MOYEN ANNUEL

2.30 M3/S

STATION : TOGO

LAC TOGO

SIO

KPEOJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1957-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.561	1.54	5.65	14.6	11.1	15.2	59.9	57.5	9.24	4.54	1.80	1.35
2	.466	1.40	5.24	14.1	10.8	12.9	56.9	48.3	8.35	5.12	1.68	1.40
3	.392	1.62	4.11	13.8	15.8	10.5		83.1	7.52	8.14	1.68	1.38
4	.666	1.35	4.51	11.5	15.2	9.24	32.1	73.4	9.12	9.43	1.68	1.25
5	.648	1.08	4.65	11.2	13.0	8.41	24.3	42.9	9.74	9.61	1.68	1.23
6	.672	.920	3.46	10.5	10.7	7.75	22.3	47.8	9.24	7.74	1.68	1.18
7	1.45	.703	2.50	11.8	11.3	7.36	19.1	37.1	8.58	10.6	1.68	1.10
8	2.06	.555	2.53	9.81	13.2	16.2	21.1	32.0	8.47	7.77	1.51	1.10
9	1.66	.512	2.06	11.7	15.4	31.6	20.8	37.6	7.47	5.58	1.46	1.10
10	1.20	.4425	4.16	27.0	37.5	15.5	23.7	87.8	6.60	5.98	1.46	1.08
11	.903	.3378	5.16	65.0	122.	14.3	24.9	65.6	7.21	5.21	1.40	1.52
12	.821	.3325	4.73	35.4	78.2	15.0	56.1	54.4	8.70	4.11	1.40	1.38
13	.578	.422	4.25	28.6	47.8	16.4	49.3	41.9	10.0	3.69	1.40	1.20
14	1.26	.3518	3.07	53.7	41.0	14.8	38.9	33.4	9.49	3.26	1.35	1.10
15	3.30	.5970	11.1	82.7	39.5	11.9	27.8	31.0	6.90	2.90	1.35	1.06
16	2.69	.781	5.54	66.2	61.1	10.7	29.1	24.5	6.12	3.12	1.35	.990
17	1.93	1.66	6.17	54.5	53.2	9.62	27.6	21.4	5.12	2.79	1.35	.968
18	1.41	2.72	8.61	40.5	42.8	8.88	25.0	27.3	4.60	2.66	3.48	.924
19	2.23	3.96	8.70	33.5	48.2	8.12	29.8	37.8	4.20	2.59	3.26	.882
20	1.38	6.41	10.0	26.5	42.8	7.15	40.6	40.7	3.77	2.47	2.29	.882
21	.968	5.54	12.0	24.5	32.0	31.5	71.7	32.0	3.85	2.40	2.03	.840
22	.650	5.45	16.9	35.1	26.8	36.6	114.	27.2	4.62	2.28	1.87	.820
23	.512	6.56	22.7	29.4	22.8	11.1	121.	23.5	5.89	2.53	1.57	.800
24	.512	6.55	33.3	25.8	18.8	10.1	81.4	19.6	5.75	2.11	1.57	.760
25	5.00	5.80	31.3	32.0	17.1	15.5	50.1	18.0	4.88	2.00	1.57	.800
26	2.20	4.57	23.0	35.4	22.6	20.3	37.8	16.3	4.37	1.95	1.57	.946
27	3.33	31.3	16.3	29.6	32.4	23.8	42.8	15.9	5.60	1.95	1.51	1.36
28	3.12	5.90	10.3	23.5	29.7	31.2	41.4	18.2	6.04	1.90	1.46	1.90
29	2.52	4.70	5.53	17.1	23.5	51.5	36.6	16.1	5.16	1.85	1.43	
30	1.66	5.80	10.7	12.1	18.8	52.5	41.8	13.3	4.96	1.85	1.40	
31	1.25		12.8		17.4	56.8		10.6		1.80	1.40	
MOY	1.54	3.74	9.87	29.8	32.2	19.2	43.8	36.7	6.72	4.19	1.69	1.12

DEBIT MOYEN ANNUEL 15.9 M3/S

STATION : TOGO

LAC TOGO

SIO

KFEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1958-1959 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.77	1.01	5.76	1.95	4.96	.882	.648	.990	.903	.512	.450	.145
2	1.43	.882	2.06	2.60	4.33	.882	.684	.924	.990	.544	.338	.135
3	1.18	.926	8.24	4.65	3.73	.882	.840	1.11	.841	.648	.338	.126
4	1.06	.925	3.59	6.65	3.41	.840	1.46	1.33	.882	.578	.312	.117
5	.968	.800	9.28	8.35	2.93	.840	1.10	1.28	1.60	.480	.288	.117
6	.903	.882	4.78	6.82	2.59	.800	.924	1.38	2.12	.450	.242	.108
7	.841	.820	4.83	5.08	2.50	.760	.840	1.18	1.85	.450	.220	.135
8	.840	.741	6.89	4.33	2.37	.760	.800	1.08	1.18	.392	.242	.145
9	.861	.722	6.37	3.61	2.20	.760	.924	.969	.882	.392	.200	.135
10	1.44	.722	4.97	3.22	2.06	.760	.840	.946	.760	.450	.200	.126
11	1.46	1.01	3.29	3.94	1.98	.760	.760	.946	.722	.420	.220	.135
12	1.01	.800	3.08	7.58	1.87	.968	.722	1.12	.666	.512	.242	.108
13	.946	.703	2.66	10.0	1.77	.840	.722	2.11	1.46	.612	.242	.108
14	.924	.630	3.12	15.2	1.65	.924	.684	2.26	1.15	.722	.392	.126
15	1.41	.595	2.73	17.8	1.60	.924	.684	1.71	1.01	.612	.312	.108
16	1.39	.595	2.34	18.8	1.57	.882	.722	1.57	.946	.512	.288	.264
17	2.57	.578	2.11	18.8	1.51	.840	.684	1.43	.820	.450	.406	.264
18	2.59	.821	1.90	20.6	1.46	.800	.882	1.51	.780	.406	.364	.264
19	4.16	1.04	1.60	18.7	1.40	.760	.760	1.25	.800	.365	.276	.312
20	1.79	.903	1.77	12.5	1.35	.760	.760	1.06	.760	.338	.231	.264
21	10.4	.990	1.68	12.2	1.20	.760	.722	.993	.741	.338	.194	.200
22	3.57	.949	2.17	12.4	1.20	.684	.722	1.35	.947	.325	.188	.212
23	2.27	1.23	2.11	12.6	1.10	.684	.840	1.43	.362	.238	.160	.338
24	1.57	3.38	2.44	10.5	1.10	.648	.722	2.60	.741	.276	.150	.338
25	1.15	3.04	1.85	8.47	1.10	.612	.722	2.20	.666	.325	.166	.264
26	1.10	5.18	1.77	8.18	1.10	.612	.800	1.38	.648	.312	.166	.220
27	1.04	2.01	2.01	8.58	1.01	.578	1.35	1.15	.612	.394	.166	.200
28	1.01	1.25	3.00	8.24	.968	.578	1.51	.990	.578	.685	.166	.177
29	.903	1.10	2.26	7.05	.968	.578	1.46	1.06	.545	.630	.166	
30	2.10	.841	2.09	6.91	.968	.612	1.20	.882	.613	.545	.155	
31	1.93		2.06		.924	.612		.820		.468	.216	
MOY	1.83	1.20	3.38	9.57	1.90	.761	.883	1.32	.936	.466	.248	.189

DEBIT MOYEN ANNUEL

1.89 M3/S

STATION : TOGO

LAC TOGO

SIO

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1959-1960 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.145	1.62	2.76	2.03	3.26	8.58	2.68	24.7	5.24	8.53	.840	.685
2	.135	1.30	2.79	1.65	2.53	8.76	5.42	23.3	5.16	5.33	.840	.595
3	.135	.882	2.50	1.35	2.69	8.09	3.80	32.6	4.69	3.98	.840	.612
4	.135	.741	1.63	1.20	1.55	6.55	4.29	58.1	5.67	3.26	.800	.703
5	.135	.666	1.95	1.15	3.82	5.45	5.37	60.4	4.84	2.76	.722	.528
6	.126	.561	2.63	7.27	2.54	4.68	6.17	44.5	4.33	2.50	.722	.480
7	.188	.466	2.44	2.15	1.58	4.11	5.25	34.6	3.85	2.32	.684	.480
8	.242	.562	2.44	1.93	4.83	3.57	5.49	30.1	3.53	2.14	.648	.450
9	.229	.841	2.17	1.65	2.72	3.22	7.37	26.4	2.97	2.59	.648	.392
10	.177	.666	2.03	2.26	3.87	2.72	5.37	29.0	2.59	3.83	.648	.421
11	.155	.420	2.18	2.35	2.63	2.40	6.51	20.4	2.37	4.63	.648	.482
12	.135	.450	1.49	1.56	2.53	2.23	6.89	18.4	2.20	3.49	.648	.420
13	.117	.325	1.79	1.54	2.28	2.06	7.97	15.5	2.11	2.79	.760	.420
14	.108	.253	5.55	1.49	2.35	1.95	12.4	15.4	2.00	2.38	.800	.420
15	.100	.210	6.60	.568	13.6	1.98	16.5	14.6	2.09	2.23	.982	.420
16	.092	.168	5.55	.546	5.41	1.90	19.5	20.7	1.93	2.11	.924	.340
17	.108	.182	3.56	.800	11.3	1.46	18.1	38.2	1.79	2.32	.924	.253
18	.140	.166	2.55	1.81	8.65	1.35	12.2	20.3	1.57	3.15	1.06	.242
19	.260	.204	2.05	2.60	7.85	1.28	8.07	16.4	1.51	2.53	.882	.406
20	.292	.160	14.9	5.73	12.5	1.20	8.76	17.7	1.51	2.14	.840	.300
21	.220	.145	9.55	4.61	13.9	1.10	10.3	18.6	1.93	1.87	.800	.264
22	.182	.135	16.9	2.14	8.95	1.06	13.4	14.6	1.68	1.71	.800	.253
23	.160	.150	18.3	2.23	4.71	.568	13.0	14.5	3.21	1.57	.722	.265
24	.252	.576	16.7	1.56	3.54	1.01	8.95	14.8	3.12	1.43	.684	.325
25	.325	.531	11.9	4.29	5.00	.568	19.6	17.0	6.05	1.33	.722	1.73
26	.365	.338	5.05	5.85	4.07	.882	24.7	18.8	9.62	1.23	.800	.549
27	.351	.325	5.22	7.41	4.67	.851	15.2	15.6	7.79	1.18	.840	.326
28	.253	.421	5.05	58.1	5.45	.546	13.6	10.7	9.74	1.10	.722	.242
29	.312	.970	3.69	6.69	6.36	1.08	12.0	7.36	14.2	1.06	.612	.254
30	.480	1.73	3.43	4.38	7.15	1.15	17.9	6.12	13.1	1.01	.578	
31	.574		2.63		7.74	1.70		6.03		.904	.684	
MOY	.227	.554	5.45	4.73	5.52	2.75	10.6	22.7	4.41	2.56	.765	.457

DEBIT MOYEN ANNUEL

5.09 M3/S

STATION : TOCC

LAC TCGC

SIO

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1960-1961 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AGUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.742	1.79	2.11	3.04	12.4	19.8	6.21	112.	55.7	2.76	1.74	1.14
2	.352	1.54	2.26	3.45	12.3	23.1	6.70	113.		2.66	1.51	.968
3	.253	1.33	6.40	3.54	14.8	20.5	7.57	117.	66.5	2.56	1.46	.982
4	.242	1.13	6.89	3.11	16.3	20.9	7.36	74.5		2.53	1.40	.920
5	.253	2.25	6.41	2.72	16.2	24.2	11.6	55.8	32.0	2.47	1.40	.800
6	.200	16.6	5.59	3.53	15.9	21.2	17.3	49.5	63.5	2.40	1.35	.760
7	.220	3.57	4.29	5.27	16.5	18.0	27.6	45.8	33.4	2.79	1.35	.741
8	.220	3.19	3.49	6.75	19.7	19.3	26.3	35.1	32.5	2.53	1.35	.582
9	.220	4.87	3.00	7.68	27.6	21.2	22.9	33.3		2.76	1.30	.694
10	.200	6.12	2.59	7.52	30.1	18.9	14.0	31.7		2.66	1.20	.548
11	.177	6.36	2.32	5.67	23.0	19.6	16.3	45.3		22.3	1.25	.648
12	.166	5.50	3.62	5.20	16.1	32.2	21.4	67.0	27.0	5.66	1.20	.648
13	.171	4.33	4.76	5.08	10.6	42.3	31.6	37.7	20.7	3.49	1.15	.630
14	.256	3.37	4.25	6.26	9.24	41.3	32.8	33.0	20.0	2.51	1.10	.612
15	.968	2.79	2.69	6.95	8.01	43.5	25.2	68.6	12.2		1.06	.578
16	1.06	2.69	2.23	6.74	7.79	35.5	21.2	58.2	10.6	2.50	1.06	.561
17	1.15	2.66	2.14	5.89	7.41	36.5	24.7	46.6	10.3	2.23	1.06	.544
18	1.08	3.31	1.88	6.26	6.65	78.9	34.0	45.8	9.37	2.09	1.06	.512
19	.968	2.89	3.38	9.18	5.67	83.6	35.8	42.3	8.08	2.00	1.08	.512
20	1.49	2.76	4.76	7.36	4.80	48.6	47.1	41.0	6.95	1.35	1.18	.512
21	1.06	2.34	5.38	9.06	4.33	46.1	52.0	59.7	5.76	1.95	.990	.573
22	1.01	2.11	6.90	9.12	3.90	46.8	53.9	104.	5.20	2.06	.946	.512
23	1.10	2.44	7.10	8.53	3.73	35.5	48.4	61.8	4.63	2.16	.924	.490
24	.990	4.47	4.82	8.47	3.90	26.2	47.7	66.1	3.98	1.98	.882	.480
25	.861	5.45	3.82	33.0	3.53	20.1	38.8	57.9	3.98	1.80	.982	.480
26	.703	5.62	2.97	12.6	3.57	14.6	35.7		3.65	1.85	.882	.450
27	.595	5.17	2.50	10.6	4.80	11.8	118.	32.0	3.41	2.01	1.93	.450
28	.617	3.31	2.94	11.9	6.32	10.0	66.1	27.4	3.04	2.26	1.87	.450
29	1.49	2.97	5.63	15.2	7.25	8.55	80.6	29.8	3.04	2.17	1.43	
30	2.12	2.72	5.23	14.5	10.2	7.74	99.3	29.8	2.99	2.00	1.49	
31	2.23		3.77		15.2	6.70		61.1		1.85	1.20	
MOY	.749	3.85	4.07	6.15	11.2	29.1	36.1	55.7	21.6	3.07	1.25	.627

DEBIT MOYEN ANNUEL

14.7 M3/S

STATION : TOGO

LAC TOGO

SIO

KPECJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1		.630	.545	.406	2.11	2.72	.595	2.44	2.83	1.20	.338	.166
2		.481	.512	.392	2.09	2.47	.561	2.28	2.63	1.10	.338	.166
3		.426	.480	.364	2.28	2.28	.544	3.04	2.28	1.01	.338	.166
4		.496	.435	.351	1.88	2.28	.512	4.96	2.07	.924	.338	.155
5		.496	.561	.325	1.84	2.23	.450	5.80	2.34	.832	.312	.155
6		.435	.783	.450	1.98	1.95	.435	5.28	2.69	.800	.288	.145
7		.378	.666	1.30	1.14	1.80	.420	5.76	2.34	.760	.288	.155
8		.378	.685	.841	1.43	1.62	.406	6.17	2.57	.722	.264	.155
9		.435	.648	.780	1.28	1.40	.436	6.45	2.20	.800	.242	.155
10		.450	.545	.650	1.15	1.25	.786	7.20	1.90	.760	.264	.145
11		.378	.480	1.68	1.10	1.15	.781	7.47	1.90	.722	.364	.135
12		.378	.528	2.01	1.04	1.10	.630	6.90	1.93	.684	.264	.126
13		.850	.648	1.51	1.09	1.06	.578	6.60	2.00	.648	.264	.117
14		1.48	.913	1.30	1.08	.968	.578	8.01	1.95	.612	.242	.117
15		.630	.904	.968	2.36	.882	.512	7.63	1.98	.578	.264	.117
16		.435	.648	1.10	3.13	.760	.648	7.85	2.35	.544	.288	.117
17		.485	.578	1.71	2.85	.722	.853	8.82	4.57	.512	.264	.117
18		.808	.465	2.38	2.79	.684	1.06	10.1	5.28	.420	.242	.117
19		.685	.406	2.97	2.53	.684	1.04	10.3	4.74	.480	.220	.117
20		.820	.695	2.14	2.05	.648	1.58	12.4	3.00	.512	.220	.135
21		.882	.780	2.38	2.00	.578	1.51	13.8	2.41	.612	.220	.135
22		.760	.722	2.32	2.13	.578	1.33	13.3	2.17	.648	.200	.135
23		.741	.561	2.15	2.46	.612	1.06	13.8	2.06	.612	.200	.155
24		.722	.528	3.29	3.33	.578	1.01	12.9	1.98	.648	.200	.155
25		.529	.480	3.65	3.94	.544	1.77	10.5	1.93	.578	.200	.155
26		.435	.480	3.37	3.27	.578	3.00	7.79	2.06	.480	.188	.145
27		.524	.406	2.69	2.06	.544	3.45	6.26	2.06	.450	.188	.135
28		.781	1.20	2.44	2.60	.480	3.61	5.16	1.90	.420	.188	.135
29		.666	.685	2.31	2.89	.544	3.11	4.60	1.43	.392	.177	
30		.595	.528	2.29	3.22	.722	2.63	3.77	1.23	.392	.177	
31			.435		2.48	.684		3.49		.392	.177	
MOY	.540	.606	.610	1.72	2.22	1.13	1.20	7.45	2.43	.655	.250	.140

DEBIT MOYEN ANNUEL 1.59 M3/S

STATION : TOGO

LAC TOGO

SID

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.126	.242	1.01	61.1	78.1	81.6	4.88	3.53	3.45	3.45	1.10	1.10
2	.117	.200	.882	31.4	89.9	61.1	7.25	3.22	3.14	3.45	1.10	.924
3	.117	.188	.840	63.6	104.	69.3	16.9	3.14	2.86	3.14	1.06	.800
4	.117	.177	.760	83.1	67.9	86.1	24.5	2.59	4.56	3.22	1.01	.800
5	.117	.155	.840	56.8	81.8	67.2	19.4	2.00	2.72	3.14	.968	.882
6	.155	.155	1.88	40.5	87.4	59.0	13.3	4.02	3.14	2.93	.924	.924
7	.312	.155	6.07	36.6	78.8	52.1	5.37	3.77	2.72	2.59	.968	.840
8	.242	.155	4.88	75.4	67.4	39.1	4.46	3.07	2.53	2.47	1.01	.840
9	.288	.126	4.37	54.3	48.7	28.8	4.02	2.72	2.86	2.93	1.20	.800
10	.312	.126	3.85	45.5	40.9	21.9	3.69	3.94	3.22	3.07	1.10	.760
11	.312	.126	2.53	70.5	40.5	16.0	3.22	5.62	2.86	2.34	1.01	.800
12	.648	.155	3.14	60.4	32.2	13.5	3.07	6.55	2.72	2.00	.924	1.25
13	1.85	.220	3.14	134.	34.2	11.4	3.22	9.93	2.40	1.90	.924	.968
14	2.11	.392	3.22	71.0	50.6	10.1	3.45	11.0	2.59	1.74	.882	.800
15	5.80	.840	2.53	48.2	35.8	8.94	3.85	8.47	5.20	1.74	.882	1.01
16	1.10	.612	3.69	42.8	43.2	8.58	4.28	6.64	4.37	1.90	.924	2.06
17	.684	.450	3.77	37.4	45.0	9.68	4.46	6.55	2.79	4.73	.882	1.74
18	.420	.392	3.94	58.8	39.9	9.68	7.47	7.57	2.79	3.94	.840	2.11
19	15.6	.392	4.56	56.1	43.4	8.70	10.6	8.47	2.79	2.53	.924	1.68
20	2.40	.450	5.04	64.6	47.6	8.70	9.30	7.05	3.00	2.17	.968	1.46
21	1.06	.364	3.37	59.7	48.0	11.3	7.15	6.55	2.66	2.00	.968	1.40
22	.840	.420	2.72	68.8	38.0	13.0	5.54	5.89	2.23	1.80	1.25	1.57
23	.684	.760	3.94	64.8	29.0	15.2	4.37	4.90	2.17	1.62	1.10	1.40
24	.512	1.06	38.6	80.6	24.7	14.7	3.61	4.88	2.59	1.57	1.01	2.28
25	.512	.968	13.3	78.1	23.5	11.4	3.22	10.9	5.20	1.46	.882	4.73
26	.800	.338	12.8	75.4	22.3	6.74	2.79	13.2	5.28	1.40	.840	5.98
27	.722	1.15	14.7	107.	19.6	5.12	2.53	8.47	4.73	1.35	.882	5.45
28	.420	1.85	14.1	98.7	17.1	4.65	2.47	7.79	4.02	1.30	1.62	4.46
29	.264	1.51	17.3	83.1	14.3	4.28	2.47	6.64	3.61	1.25	1.68	
30	.242	1.25	11.5	85.7	30.0	3.94	2.59	4.96	3.37	1.25	1.40	
31	.242		48.7		66.5	4.02		3.77		1.15	1.25	
MOY	1.26	.513	7.80	66.6	48.1	24.7	6.45	6.05	3.29	2.31	1.05	1.78

DEBIT MOYEN ANNUEL

14.2 M3/S

STATION : TOGO

LAC TOGO

SIÈGE

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	4.11	3.22	4.17	2.65	63.6	98.2	23.9	117.	55.2	5.54	2.37	
2	3.69		3.53	2.53	36.0	104.	32.6		48.2	5.28		
3	3.29		3.29	2.54	29.8	56.5	51.0		46.3	5.04		
4	13.0			2.45	41.9	87.1	55.7	130.	39.9	5.12		
5	3.07				33.6	55.5	52.8		39.1	5.04		
6	5.80	3.61			31.8	55.6	65.3		39.9	4.96	3.20	
7	6.55	5.12		3.61	65.3	55.8	93.5	117.	12.6	4.73	2.74	
8	7.25	5.20		4.37	45.3	105.	97.7	96.6	27.8	4.46		
9	6.74	5.58		4.46	42.6	51.2	96.4	103.	23.3	4.28		
10	5.28	6.35		3.77	36.8	79.1	70.5	109.	20.4	4.20		
11	4.46	6.45		4.80	35.8	50.4	49.9	111.	17.3	4.11		1.04
12	3.69	5.54		6.74	39.1	101.	43.0	100.	14.7	3.94		1.04
13	2.93	4.02		7.68	47.8	107.	38.2	88.1	13.5	3.94		1.15
14	2.47	3.61		7.36	60.4	76.5	36.2	80.6	11.8	3.85		1.35
15	2.11	3.25		6.64	61.1	59.7	36.8	84.8	10.9	3.77		1.31
16	1.90	3.37		6.07	76.1	68.4	41.7	78.3	10.2	3.69		1.19
17	1.68	6.01		5.54	62.0	76.6	54.8	81.6	10.1	3.61		.970
18	1.51	4.20		8.70	51.2	62.5	51.7	76.9	9.68	3.53		.936
19	1.46	4.02	3.29	11.5	53.0	46.5	62.5	90.4	8.94	3.45		.936
20	1.40	6.17	3.22	12.8	49.7	37.8	63.9	63.6	9.68	3.45		.936
21	1.25	6.35	3.45	12.1	41.5	31.0	66.9	53.2	8.47	3.45		.902
22	1.15	5.12	4.20	12.6	45.5	31.0	62.5	58.8	11.5	3.22		.970
23	1.15	5.45	3.29	15.8	46.7	30.4	84.1	60.6	14.1	3.14		1.01
24	1.62	6.64	3.29	17.5	45.5	26.0	90.2	62.2	14.1	3.07		1.15
25	1.55	8.12	3.25	35.1	58.8	24.3	96.5	55.7	11.3	3.14		1.19
26	1.68	5.55	2.61	19.8	57.5	18.7	99.0	63.6	9.94	3.07		1.15
27	1.74	6.82	4.20	17.1	55.5	17.1	85.3	82.8	7.68	3.00		1.01
28	2.23	5.80	4.11	17.7	58.8	17.3	56.8	105.	6.64	3.00		1.01
29	3.61	6.58	4.11	27.2	61.1	17.5	59.3	91.4	5.26	3.00		.869
30	4.65	5.62	4.02	25.2	118.	18.5	86.9	68.1	5.89			
31	3.85		4.56		113.	19.6		67.6		3.00		
MOY	3.46	5.53	3.52	10.7	54.8	62.4	63.6	90.0	18.8	3.87		1.14

STATION : TCCG

LAC TOGO

SIO

KPECJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.837	2.32	3.63	1.08	61.0	20.3	2.26	5.78	2.04	1.04	.902	
2	.837	2.68	3.63	1.15	31.3	24.9	4.17	6.15	1.38	.970	1.04	
3	.936	1.67	2.87	1.11	24.1	27.3	6.02	6.64	1.77	.970	1.23	
4	1.15	1.48	3.07	1.04	24.3	33.4	9.37	6.35	1.63	1.01	1.23	
5	1.19	1.44	2.68	1.04	23.7	38.1	11.7	5.50	1.58	1.01	1.27	
6	1.19	1.53	2.15	1.15	15.7	32.4	12.1	4.89	1.48	1.08	1.27	
7	1.08	1.58	2.43	1.11	13.4	26.4	12.5	5.15	1.44	.936	1.31	
8	.805	1.72	2.62	2.04	11.0	20.3	10.9	5.50	1.48	.902	1.31	
9	.743	1.48	2.74	4.47	8.13	15.1	14.4	5.24	1.39	.869	1.31	
10	.774	1.39	6.06	6.44	6.64	12.5	18.0	6.25	1.35	.869	.936	
11	.743	1.19	3.92	4.00	5.69	10.3	22.2	5.32	1.27	.869	.837	
12	.774	2.15	5.15	3.92	5.15	10.6	25.8	4.31	1.27	.837	.805	
13	.713	2.43	4.00	4.08	4.47	7.90	22.0	3.85	1.27	.837	.774	
14	.743	2.15	2.87	4.56	4.16	7.25	17.9	3.63	1.23	.805	.743	
15	.869	2.09	2.55	6.01	3.85	6.25	16.5	3.55	1.35	.774	.713	
16	1.08	1.72	3.00	13.2	5.87	5.59	15.6	3.41	1.58	.774	.684	
17	1.03	2.49	2.80	9.13	6.84	5.06	14.6	3.77	1.23	.743	.684	
18	.970	2.41	3.13	12.0	7.56	4.56	12.3	3.70	1.19	.713	.627	
19	.774	4.23	3.41	34.3	7.35	4.08	11.4	5.78	1.19	.713	.627	
20	.774	5.41	2.68	57.6	5.50	3.85	11.8	5.96	1.19	.713	.627	
21	.774	5.50	2.87	39.2	4.31	3.63	10.6	6.44	1.15	.684	.627	
22	.869	6.06	2.74	30.4	3.77	3.41	8.19	5.78	1.11	.684	.573	
23	1.01	6.54	3.63	41.7	87.0	3.55	7.25	4.64	1.15	.684	.547	
24	.837	6.15	3.07	39.6	111.	3.41	6.35	3.70	1.11	.713	.547	
25	.713	4.81	2.49	33.8	40.6	3.13	5.92	3.13	1.08	.713	.522	
26	.743	3.70	1.98	60.3	92.5	2.93	4.60	3.13	1.11	.713	.522	
27	.805	3.70	1.77	36.0	83.0	2.62	4.43	3.48	1.08	.743	.473	
28	1.01	3.77	1.58	32.1	51.7	2.49	4.31	2.93	1.09	.805	.450	
29	.936	3.27	1.35	44.5	36.4	2.37	4.08	2.55	1.04	.902	.450	
30	1.27	3.48	1.23	62.6	24.7	2.26	4.40	2.20	1.01	.902	.383	
31	1.48		1.15		20.5	2.26		2.04		.936	.450	
MOY	.919	3.05	2.88	15.7	26.9	11.2	11.1	4.54	1.33	.836	.789	

STATION : TOGO

LAC TOGO

SIO

KPECJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1			3.03	.805	22.0	15.3	17.3	9.83	6.74	1.27	.627	.450
2			4.40	1.45	25.8	12.3	17.4	9.20	6.74	1.23	.547	.522
3			2.94	4.86	60.3	11.0	14.8	10.3	5.55	1.19	.600	.547
4			2.32	4.48	34.9	5.41	12.9	12.1	5.11	1.15	.600	.497
5			5.11	2.66	28.4	9.48	11.3	9.99	4.44	1.15	.573	.522
6			8.15	1.84	24.8	11.2	9.83	10.3	3.92	1.11	.627	.497
7			11.9	1.15	26.0	11.4	8.81	14.2	3.45	1.08	.600	.473
8			10.7	.988	25.3	10.2	8.01	10.8	3.20	1.04	.573	.427
9		.655	6.91	.902	22.9	8.37	7.84	13.5	2.87	1.04	.522	.405
10		.684	4.04	.774	23.7	7.46	9.45	10.9	2.68	1.04	.522	.405
11		1.12	3.14	.808	25.7	6.55	36.8	10.1	2.59	1.01	.522	.362
12		1.30	2.62	13.5	38.7	5.87	29.2	10.0	2.43	1.01	.497	.342
13		.855	2.15	38.5	58.3	5.24	25.6	9.91	2.38	1.08	.497	.405
14		.641	2.01	62.0	58.3	4.60	23.9	7.84	2.62	1.04	.497	.450
15		.572	2.15	39.2	48.5	4.23	23.7	6.40	2.65	1.04	.600	.473
16		.561	2.44	43.1	41.4	35.9	23.9	5.69	2.35	1.01	.497	.405
17		.439	2.04	41.4	86.2	26.7	25.5	5.69	2.15	.902	.473	.323
18		.428	2.04	34.3	58.4	17.1	28.3	5.11	1.98	.805	.473	.323
19		3.17	2.04	36.4	40.1	30.4	56.6	4.44	1.88	.774	.473	.323
20		2.00	1.63	79.2	62.5	59.6	55.8	4.08	1.77	.743	.461	.323
21		1.72	1.35	60.0	65.3	65.5	42.1	3.74	1.67	.713	.461	.342
22		5.37	1.48	57.9	44.6	47.6	35.5	3.38	1.63	.684	.549	.427
23		3.05	1.58	64.6	32.2	50.3	35.6	3.20	1.53	.655	.587	.405
24		2.95	1.68	51.4	40.7	41.9	31.3	2.97	1.48	.655	.630	.342
25		21.0	2.02	37.5	41.9	32.9	28.6	2.80	1.39	.655	.684	.342
26		5.82	1.91	34.1	33.8	23.4	23.8	3.41	1.39	.627	.641	.362
27		4.35	1.25	48.2	27.7	16.1	19.2	4.74	1.35	.627	.614	.405
28		4.96	1.11	38.0	24.3	12.9	14.6	5.41	1.44	.600	.560	.473
29		5.47	.989	24.5	22.6	11.8	12.6	5.46	1.48	.684	.522	
30		5.65	.865	21.4	20.9	12.0	11.0	5.78	1.44	.713	.497	
31			.902		17.6	15.1		6.20		.713	.473	
MOY		2.58	3.13	28.2	38.2	20.4	23.4	7.34	2.74	.904	.548	.413

STATION : TOGO

LAC TOGO

SIO

KPEDJI

NUMER 1 : 47342205

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.497	1.36	.547	.926	4.56	5.32	21.8	29.1	3.92	1.08	.627	.362
2	.450	1.04	.600	2.50	6.65	5.98	21.1	45.8	3.34	1.01	.600	.362
3	.427	1.70	.547	2.30	5.33	5.96	19.6	52.2	3.03	1.04	.600	.342
4	.362	1.12	.522	2.00	4.16	16.6	18.1	46.9	2.71	.970	.573	.342
5	.383	.587	.547	2.04	4.44	20.0	12.8	39.6	2.35	.902	.573	.323
6	.427	.510	.522	4.91	3.61	21.0	11.8	48.2	2.12	.902	.547	.304
7	.522	.427	.497	1.86	2.74	20.5	9.84	55.0	1.93	.869	.522	.342
8	.405	.496	.473	1.25	2.57	16.6	8.55	43.3	1.90	.837	.522	.304
9	.342	.628	.547	1.80	3.05	11.9	8.01	32.8	1.75	.837	.522	.304
10	.342	.547	.497	2.12	6.01	8.31	7.35	26.2	1.70	.837	.522	.304
11	.285	.547	.450	4.25	7.02	5.62	6.99	25.0	1.63	.805	.522	.304
12	.323	.587	.497	3.40	13.9	19.2	7.73	31.1	1.80	.805	.497	.304
13	.383	.560	.473	1.44	45.7	50.8	8.37	31.4	1.85	1.11	.497	.323
14	.323	.522	.427	1.13	14.9	54.5	9.27	33.3	1.70	1.01	.522	.323
15	.285	.461	.427	1.01	32.4	57.2	9.83	34.6	1.51	.869	.600	.304
16	.304	.473	.497	.821	19.3	53.7	7.46	29.8	1.42	.805	.655	.323
17	.462	.573	.450	1.05	68.9	39.2	6.25	27.1	1.55	.743	.547	.463
18	.405	.573	.450	5.25	22.6	32.1	6.50	22.2	1.51	.774	.573	.522
19	.427	.473	.362	4.15	16.7	28.0	7.25	16.1	1.44	.728	.522	.439
20	.498	.547	.342	7.17	15.8	25.4	6.60	12.8	1.42	.713	.522	.352
21	.462	.547	.323	4.65	17.2	20.3	5.59	10.3	1.35	.698	.547	.322
22	.498	.450	.323	2.90	17.4	19.9	4.85	8.82	1.39	.684	.497	.313
23	.373	.427	.427	2.06	17.8	37.5	6.11	8.01	1.51	.684	.497	.277
24	.384	.383	.405	6.65	17.0	43.0	10.9	6.94	1.96	.655	.473	.251
25	.332	.497	.362	6.65	15.7	34.2	15.1	5.92	1.91	.627	.450	.235
26	.354	.547	.573	5.94	12.5	29.9	20.0	5.24	1.44	.614	.427	.211
27	.384	.547	.522	4.56	11.2	28.9	26.0	4.52	1.31	.574	.405	.236
28	.373	.473	.600	2.70	9.55	28.0	31.8	4.16	1.19	.705	.383	.260
29	.342	.522	.547	5.20	7.20	25.6	33.4	3.74	1.17	.746	.405	
30	10.2	.450	.473	2.38	6.25	23.2	29.4	3.45	1.10	.628	.383	
31	6.78		.450		5.64	22.5		3.85		.614	.362	
MOY	.915	.666	.474	3.27	14.1	26.4	13.3	24.1	1.83	.802	.513	.324

DEBIT MOYEN ANNUEL

7.31

M3/S

STATION : TOGO

LAC TOGC

SIO

KPEOJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.304	.821	38.0	2.08	35.7	7.73	3.24	72.1	7.62	1.15	1.42	.641
2	.362	1.80	29.8	3.82	30.0	6.84	3.00	74.4	6.49	1.11	1.31	.627
3	.362	2.00	21.2	6.35	15.3	5.73	2.35	70.5	5.78	1.11	1.08	.627
4	.251	1.71	10.9	6.74	12.9	4.98	2.04	57.6	5.41	1.39	.837	.627
5	.204	.990	6.26	4.85	13.2	4.77	1.90	49.2	5.59	1.29	.805	.594
6	.268	.728	4.52	3.67	13.6	5.78	1.98	35.4	4.72	1.37	.728	.628
7	.323	.560	4.00	19.4	18.0	6.79	2.34	29.8	4.68	1.46	.743	.614
8	.323	.462	3.45	39.8	26.7	6.15	4.98	31.9	4.12	1.37	.728	.628
9	.342	.405	3.31	32.6	30.3	6.79	5.60	24.6	3.70	1.37	.774	.600
10	.304	.383	2.65	38.8	25.0	6.31	6.65	23.1	3.45	1.70	.670	.573
11	.251	.416	2.23	37.8	21.6	4.72	7.68	25.8	3.24	1.61	.670	.573
12	.304	.427	1.98	33.9	30.1	5.06	9.49	41.0	2.87	2.23	.541	.522
13	.268	.394	2.94	18.0	36.9	4.81	13.0	37.1	2.71	1.70	.614	.450
14	.219	.461	4.82	13.8	39.4	4.39	15.8	30.8	2.41	1.30	.670	.416
15	.251	.416	4.60	12.8	33.1	4.94	16.4	35.5	2.12	1.29	.670	.394
16	.251	.342	3.85	13.3	25.7	5.92	14.8	33.6	2.01	1.35	.656	.373
17	.268	.332	2.94	15.0	21.3	5.92	13.1	30.1	2.26	1.31	.641	.362
18	.391	.304	4.36	14.5	19.8	4.89	13.7	31.6	2.20	1.27	.628	.393
19	.714	.354	5.02	13.5	18.3	4.16	16.7	26.0	2.99	1.35	.600	.465
20	.587	.758	5.24	16.0	16.2	4.08	20.7	32.8	2.09	1.39	.574	.587
21	.498	.614	6.60	23.8	13.2	4.08	27.9	29.3	2.04	1.23	.560	.351
22	.342	.574	7.88	29.0	10.4	4.31	34.9	25.7	2.09	1.19	.535	.515
23	.813	29.5	4.13	22.0	9.27	4.86	33.2	24.0	2.04	1.15	.535	.305
24	.259	21.1	2.97	21.8	8.37	6.06	28.4	24.3	1.83	1.19	.535	.180
25	.398	16.6	2.59	21.0	7.05	5.28	24.5	24.2	1.63	1.27	.547	.153
26	2.83	22.0	2.23	30.1	5.87	4.52	23.2	19.7	1.35	1.35	.535	1.42
27	1.11	25.0	2.66	77.7	5.66	3.96	21.4	13.9	1.31	1.48	.687	1.10
28	1.44	23.8	2.82	40.0	7.36	3.74	18.6	11.7	1.31	1.44	1.17	1.71
29	1.90	28.2	1.98	33.9	8.21	4.12	23.8	10.5	1.27	1.53	.853	.869
30	1.56	28.4	1.88	23.6	8.68	3.96	47.7	11.2	1.19	1.48	.713	
31	1.15		1.35		8.25	3.52		9.02		1.44	.670	
MOY	.605	6.93	6.45	22.6	18.6	5.14	15.3	32.1	3.06	1.39	.735	1.04

DEBIT MOYEN ANNUEL

5.51 M3/S

STATION : TOGO

LAC TOGO

SIO

KFEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1968-1969 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.713	.587	2.54	5.35	38.6	53.7	45.8	107.	19.2	3.85	2.37	1.27
2	.684	.574	1.83	11.4	41.6	52.8	45.6		18.9	3.70	2.32	1.23
3	.670	.670	1.60	11.7	105.		52.2		17.7	3.55	2.43	1.19
4	.903	.573	1.65	11.4	54.1		50.2		19.9	3.41	2.32	1.15
5	1.29	.657	1.35	11.4	51.7		46.4	54.1	26.6	3.41	2.26	1.15
6	1.04	1.11	1.02	5.77		45.1	50.2	48.5	25.9	3.27	2.26	1.15
7	.853	.970	1.17	8.15		43.8	45.8	51.7	18.9	3.27	2.20	1.11
8	.789	.869	1.13	7.73		132.	49.0		14.9	3.13	2.20	1.08
9	.712	.838	1.15	7.56					12.8	3.07	2.20	1.08
10	.614	.684	1.01	5.64		119.	111.		11.7	3.77	2.15	1.15
11	.535	.587	.919	6.54			124.		9.97	3.27	2.09	1.11
12	.510	.628	.837	7.40		106.			9.07	3.07	1.72	1.27
13	.473	.685	.656	8.08			113.		8.74	2.93	1.58	1.11
14	.461	.560	3.59	5.63	54.1		115.		8.19	2.87	1.53	1.04
15	.510	.708	5.52	14.0	49.0		122.		7.25	2.87	1.53	1.04
16	.535	.936	5.25	14.8	47.1	53.7			6.40	2.68	1.48	1.11
17	.548	1.44	3.21	31.9		50.5		52.5	5.82	3.07	1.44	1.08
18	.889	1.28	2.52	15.4		44.2	51.9	42.7	5.59	3.13	1.44	1.11
19	1.06	.936	2.23	54.7	50.8		52.2	36.0	5.24	2.37	1.39	1.15
20	1.29	1.01	1.83	80.5	39.2		107.	41.1	4.93	2.68	1.39	1.19
21	1.16	.970	1.51		33.5			50.6	4.99	2.68	1.44	1.08
22	.790	1.10	1.33	45.4	25.4			45.2	7.30	2.62	1.44	1.31
23	.670	1.23	1.33	46.1	27.7			39.8	8.31	2.55	1.44	1.11
24	.574	1.67	1.58	45.6	53.7			34.6	8.50	2.37	1.44	1.31
25	.543	1.91	2.17	33.2		106.	51.9	28.2	6.80	2.37	1.35	1.27
26	.627	2.01	3.48	47.7	46.0	118.	47.5	29.2	5.55	2.26	1.39	1.27
27	.716	2.69	3.62	34.3	38.8	106.		32.1	4.72	2.43	1.44	1.27
28	.653	13.0	6.06	26.6	34.8			27.7	4.56	2.43	1.63	1.31
29	.699	6.79	6.20	43.0	32.2			24.2	4.64	2.49	1.93	
30	.600	3.63	5.52	46.8	35.6	53.9	117.	20.7	4.00	2.43	1.67	
31	.548		6.55		51.0			17.9		2.37	1.44	
MOY	.736	1.71	2.63	29.7	47.5	76.4	78.0	48.2	10.6	2.93	1.77	1.17

DEBIT MOYEN ANNUEL

25.3

M3/S

STATION : TOGO

LAC TOGO

SIN

KPEDJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1969-1970 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	1.29	.805	1.82	8.65	13.9	12.9	10.9	4.20	17.3	2.04	1.08	1.01
2	1.27	.774	1.44	12.3	9.92	12.5	11.5	4.90	18.8	2.04	1.04	.970
3	1.21	.742	1.23	11.2	8.55	14.1	11.1	6.06	18.3	1.98	1.01	.936
4	1.17	.838	1.04	8.30	10.2	20.8	9.69	6.65	16.2	2.26	1.04	.902
5	1.19	1.10	1.04	7.70	11.7	24.7	8.68	5.46	13.4	2.04	1.01	.869
6	1.19	3.00	.970	11.1	16.1	21.9	8.55	5.20	11.9	1.93	.970	.743
7	1.21	4.77	.902	13.9	19.1	15.4	8.19	4.81	14.2	1.88	.936	.713
8	1.79	2.47	.869	17.4	15.5	12.9	7.41	4.12	18.0	1.77	.936	.655
9	1.58	1.63	.869	19.2	11.5	12.8	6.50	5.94	24.3	1.77	.902	.627
10	1.37	1.33	.902	23.6	16.7	15.3	6.11	7.95	26.2	1.72	.970	.627
11	1.42	1.35	.774	36.7	17.9	16.4	5.96	8.13	22.6	1.67	1.01	.627
12	1.39	5.05	.805	44.3	32.8	18.2	5.46	8.31	13.5	2.32	1.04	.684
13	1.23	4.61	.837	58.6	31.6	15.8	5.02	7.62	9.84	1.93	.970	.655
14	1.11	2.50	.774	59.5	38.5	15.4	4.68	6.20	8.13	1.72	.936	.600
15	1.08	1.98	1.04	47.0	35.9	15.3	4.56	5.33	7.10	1.67	.936	.774
16	1.04	2.63	.837	36.3	46.2	13.5	4.43	5.11	6.06	1.67	.902	.684
17	1.04	4.48	1.85	27.9	47.6	12.8	4.35	5.15	5.46	1.63	.869	.921
18	1.11	2.87	1.58	22.8	46.1	12.3	4.12	4.94	5.02	1.67	.869	.972
19	1.02	2.17	1.46	23.8	69.0	11.2	4.00	5.46	4.64	1.67	.837	.743
20	.953	1.77	1.31	25.3	90.0	10.6	4.12	5.78	4.23	1.58	1.01	.684
21	.970	4.19	1.67	17.8	54.3	10.3	4.16	6.74	3.92	1.53	1.08	.655
22	1.02	3.25	2.71	15.0	42.2	9.07	3.77	8.01	3.63	1.53	1.11	.627
23	1.23	2.35	1.83	19.8	37.9	7.62	3.48	9.69	3.41	1.48	1.04	.655
24	1.08	1.50	1.53	50.3	31.5	6.84	3.38	12.7	3.24	1.44	1.04	.614
25	1.14	1.67	1.31	42.6	33.0	6.35	3.31	12.8	3.10	1.48	.970	.573
26	1.19	1.48	2.02	22.2	40.6	6.01	3.59	13.5	2.84	1.58	1.04	.573
27	1.06	1.31	1.67	27.8	31.9	5.74	6.02	14.9	2.43	1.44	1.04	.560
28	1.19	1.33	2.72	27.5	26.1	5.37	5.55	12.4	2.37	1.39	1.08	.574
29	1.08	1.37	2.50	25.3	20.6	6.15	5.64	9.62	2.26	1.23	1.11	
30	.919	1.67	3.64	19.1	17.2	6.75	5.42	9.41	2.09	1.11	1.11	
31	.853		5.62		15.0	8.55		13.5		1.11	1.04	
MOY	1.17	2.25	1.55	26.4	29.8	12.4	5.69	7.76	9.82	1.69	.998	.719

DEBIT MOYEN ANNUEL

8.42 M3/S

STATION : TOGO

LAC TOGO

SIO

KPEOJI

NUMERO : 47342205

DEBITS MOYENS JOURNALIERS EN 1970-1971 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.560	.954	.810	12.3	2.04	1.01	1.33	14.9	32.7	1.08	.427	.342
2	.600	.936	.698	17.0	1.99	.886	1.11	14.3	28.5	.970	.405	.323
3	.774	.758	.600	22.2	2.46	.837	1.01	11.9	14.7	.869	.538	.323
4	.698	.641	.600	24.0	2.20	.837	.886	9.15	12.7	.805	.510	.304
5	.627	.805	.522	15.8	2.77	.936	1.33	7.73	13.4	.743	.853	.323
6	.600	.902	.473	11.7	2.50	.886	1.23	8.37	13.9	.713	.728	.304
7	.535	.743	.498	6.93	1.93	.837	1.48	11.2	8.93	.684	.600	.285
8	.547	.684	.746	4.89	1.65	.953	2.17	19.5	5.64	.655	.510	.268
9	.803	.698	.743	3.81	1.48	.902	2.06	27.9	4.52	.627	.461	.285
10	.805	1.12	.799	3.20	1.37	.902	1.72	21.9	3.85	.627	.416	.295
11	.728	1.12	3.10	2.74	1.35	1.03	1.70	14.2	3.24	.573	.405	.304
12	.886	.953	2.22	2.32	1.58	1.10	3.85	12.3	2.84	.573	.383	.342
13	.729	.990	1.38	2.20	2.17	.853	5.46	11.8	2.33	.547	.373	.251
14	.699	1.19	1.06	2.09	5.38	.853	5.11	12.7	2.39	.547	.342	.251
15	1.17	1.21	.902	1.98	6.59	.919	6.54	10.5	1.85	.522	.342	.251
16	1.06	1.43	.853	1.90	4.33	.936	6.99	8.94	1.65	.522	.342	.323
17	.971	1.15	1.19	1.82	2.68	.886	8.26	9.99	1.51	.713	.323	.243
18	.759	1.39	1.37	2.52	2.15	.821	10.9	8.26	1.42	.684	.332	.243
19	.628	1.08	1.01	2.07	1.83	.869	12.2	6.06	1.33	.655	.323	.243
20	.573	.886	.954	1.60	1.70	.853	11.0	5.20	1.37	.713	.304	.243
21	1.44	.821	.869	1.31	1.60	.743	9.41	4.35	1.39	.774	.313	.362
22	1.65	.713	.902	1.21	1.46	.698	9.34	5.21	1.31	.713	.323	.304
23	.920	.743	1.15	1.15	1.35	.670	9.90	4.44	1.33	.970	.323	.268
24	.886	.628	1.23	1.15	1.25	.655	8.56	4.32	1.27	.774	.304	.227
25	.805	.573	2.71	1.56	1.17	.614	7.78	18.1	1.21	.713	.332	.204
26	.903	.614	7.96	6.32	.971	.600	8.44	10.7	1.44	.655	.681	.277
27	1.23	.670	12.9	5.57	.919	1.03	8.62	14.2	1.75	.497	.759	.251
28	1.04	.587	14.1	4.81	.853	1.06	9.27	19.4	2.41	.450	.587	.271
29	.853	.600	10.7	3.70	1.14	.919	10.6	28.7	1.53	.427	.473	
30	.789	.510	13.0	2.71	1.15	1.55	12.9	35.2	1.21	.427	.427	
31	.821		9.27		1.01	1.68		35.2		.405	.362	
MOY	.842	.870	3.07	5.82	2.04	.913	6.04	13.8	5.78	.665	.445	.282

DEBIT MOYEN ANNUEL

3.39

M3/S

Code : 47 34 22 09

bassin versant : 2 520 km²

CARACTERISTIQUES DE LA STATION

Station exploitée par le Génie Rural

Coordonnées : 6° 15' N - 1° 10' E

Cote du zéro de l'échelle : 9,369 m. - Rattachement sur le repère I.G.N., matricule 309.

La nouvelle échelle a reçu le même calage que l'ancienne.

Accès : Pont de la route LOME - ATAKPAME

Installations : L'échelle installée le 6 août 1961 comprenait 6 mètres d'échelle sur fers de 40 mm. (0-1, 1-2, 2-3, 3-4, 4-6), étagés en rive gauche, à l'aval du pont.

Un limnigraphe à pression a fonctionné à cette station entre Août 1963 et Avril 1965.

Les lectures ont été suspendues le 23-12-68 avec les travaux de reconstruction du pont. Elles ont été reprises le 17 Février 1970 sur la nouvelle échelle, comprenant des éléments de 0-0,50, 0,50-1m. 1-2, 2-3, 3-4 et 4-6 m.

Remarques :

- (1) Au cours du mois de Mars 1964, différents travaux de génie civil ont été effectués dans le lit même du cours d'eau, ce qui a obligé à retarder cette station à partir de cette date.
- (2) Par suite de la configuration de la station, très déféctueuse pour les jaugeages et très instable, l'étalonnage est médiocre, malgré les nombreuses mesures effectuées (débordements au moment des crues). Cette station présente néanmoins un intérêt pour des travaux d'aménagement de la vallée du SIO, et il n'est pas inutile de continuer à observer les niveaux à l'échelle dans ce but.

On notera toutefois que le régime du SIO est mieux connu avec les données de la station de KPEDJI, située en amont de TOGBLEKOPE.

Lectures :

Trois lectures par jour, à 7, 12 et 18 heures. Deux lectures à 6 et 18 heures depuis Septembre 1972.

Jaugeages - Courbes de tarage

Pour le passage à l'ordinateur, quatre courbes de tarage ont été retenues :

- d'Août 1961 au 31-03-1964
 - du 1-4-1964 au 31-12-1964
 - du 1-1-1966 au 30-04-1967
 - du 1-5-1967 au 23-12-1968
-
- Débit minimum jaugé : 0,255 m³/s, le 21-2-1966, cote : 0,425 m.
 - Débit maximum jaugé : 84,9 m³/s, le 27-7-1964, cote : 4,50 m.

CARACTERISTIQUES DU BASSIN

Hypsométrie

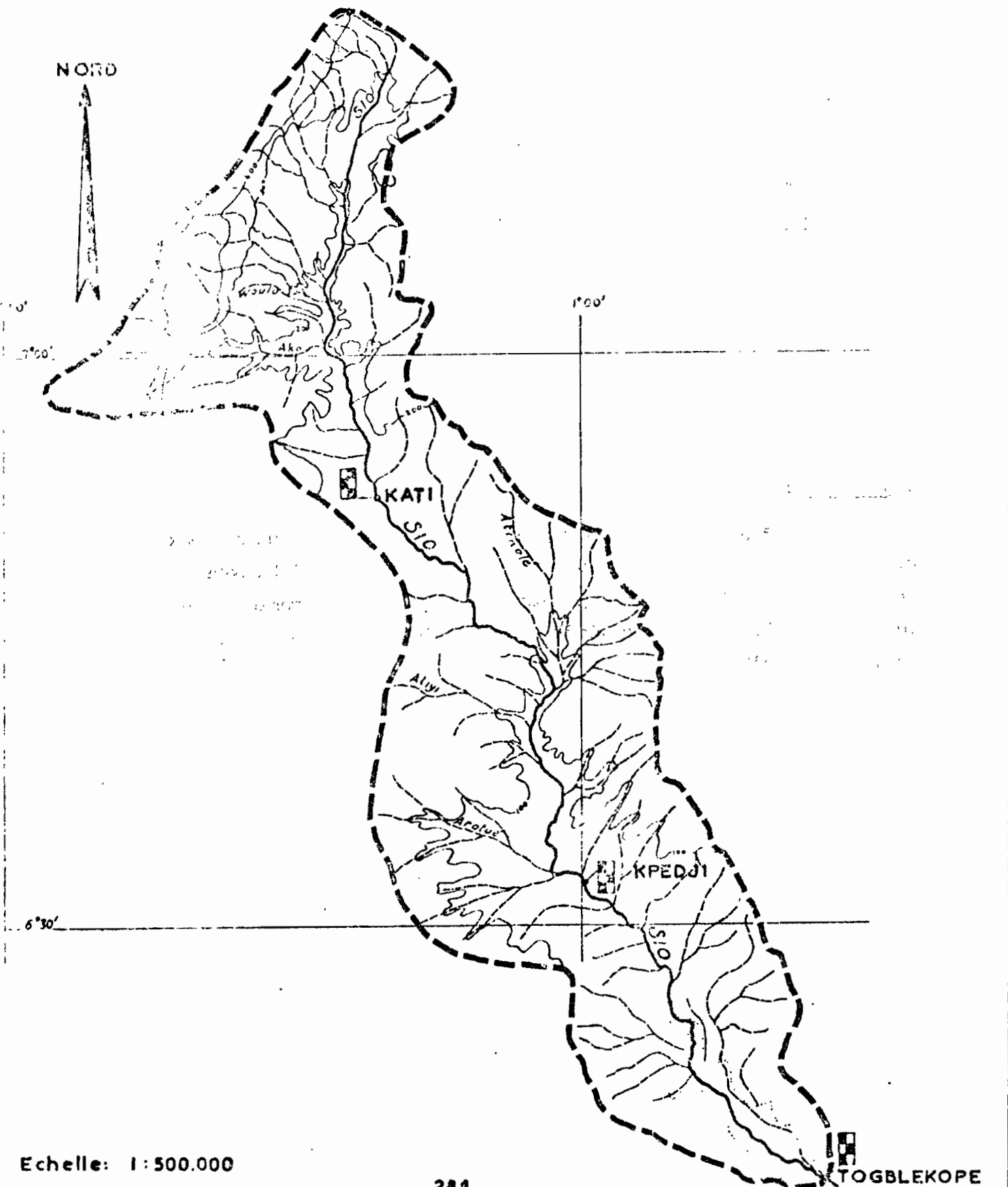
de 986 à 600 m.	4,6 %
600 à 300	7,4
300 à 200	16,0
200 à 100	35,0
100 à 50	27,5
50 à 11	8,5

Relief et Géologie

En aval de Kpédji (voir station précédente) après un parcours de 15 Km sur les embrechites, le SIO pénètre dans les formations sédimentaires du continental terminal. La vallée alluvionnaire large de 2 à 3 Km est enfoncée dans les "plateaux des terres de barre".

SIO A TOGBLEKOPE

BASSIN VERSANT = 2520 km²



Echelle: 1:500.000

281

ORSTOM

COMPLEMENTS: 20-11-73

DATE: 3/ 6 / 65

DESSINÉ: M. Sossah

T 268 H

Dans les vastes plaines d'inondation qui résultent de cette configuration, les divagations et les méandres du SIO sont nombreux.

Répartition en surface des différentes roches :

. Schistes	9 %
. Granits	10
. Gneiss	20
. Orthogneiss	6
. Embrechites	49
. Continental	6

Végétation :

En aval de Kpédji : les collines gneissiques et les plateaux sableux des terres de barre sont recouverts d'une savane claire à baobabs, presque entièrement cultivée : palmiers à huile, maïs et manioc. Dans les plaines d'inondation la végétation est plus dense sans aller jusqu'à la forêt.

STATION : TOGO LAC TCGO SIO TCGBLEKCPE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1961-1962 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1								3.06	5.03	1.21	.516	.261
2								2.88	4.33	1.11	.482	.246
3								2.43	3.74	1.09	.499	.246
4						2.37		1.89	3.29	1.02	.482	.232
5							.534	1.98	2.88	.994	.482	.218
6							.516	2.85	2.74	.927	.465	.205
7							.499	3.59	2.63	.893	.465	.205
8							.465	3.99	3.00	.841	.448	.191
9							.448	3.99	2.74	.883	.415	.164
10							.431	4.14	2.45	.800	.398	.178
11							.431	4.39	2.43	.800	.398	.178
12							.415	4.58	1.94	.780	.398	.164
13							.606	4.70	1.61	.760	.415	.178
14							.701	4.83	1.73	.701	.499	.154
15							.606	4.86	1.77	.883	.465	.151
16							.570	4.96	1.81	.662	.398	.139
17							.552	5.05	1.65	.643	.366	.126
18							.534	5.12	1.65	.625	.366	.114
19							.588	5.21	2.37	.588	.398	.114
20							.682	5.47	3.55	.570	.382	.101
21							.820	5.64	3.96	.570	.382	.089
22							.905	5.80	3.53	.606	.351	.066
23							1.26	5.97	2.83	.662	.366	.066
24							1.16	6.17	2.65	.625	.335	.066
25							1.04	6.41	1.89	.662	.366	.054
26							.927	6.58	1.77	.588	.320	.054
27							.920	6.94	1.81	.682	.320	.066
28							1.65	7.00	1.50	.625	.305	
29							2.48	6.97	1.31	.552	.290	
30							3.03	6.65	1.26	.534	.275	
31								5.90		.516	.290	
MOY							.846	4.83	2.53	.754	.398	.147

DEBIT MOYEN ANNUEL

STATION : TOGO

LAC TOGO

SIO

TCGRLEKCE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1962-1963 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.066	.534	3.92	19.9	57.7	29.8	4.67	2.65	5.83	2.80	1.29	1.77
2	.114	.415	2.57	19.4	54.6	33.2	4.26	2.57	5.32	3.23	1.29	1.21
3	.164	.351	1.69	21.5	62.2	40.7	3.99	2.80	4.29	2.97	1.24	1.31
4	.126	.320	1.24	28.3	73.4	54.6	4.54	2.94	5.67	3.18	.971	1.21
5	.114	.382	1.94	34.5	70.5	48.7	5.21	2.71	5.08	3.21	.994	1.11
6	.114	.320	1.34	40.7	65.6	44.3	6.00	2.88	4.29	2.94	1.29	1.02
7	.114	.320	2.51	43.2	60.9	47.0	6.65	2.37	4.43	2.65	1.19	.994
8	.089	.290	2.45	54.0	55.2	46.4	7.54	2.63	3.63	2.83	1.19	1.09
9	.066	.232	4.33	54.0	53.4	41.7	8.35	3.15	3.41	2.57	1.29	1.16
10	.066	.232	5.25	52.8	47.6	39.2	7.84	3.15	2.85	2.45	1.29	.994
11	.066	.246	5.61	61.6	44.3	44.3	6.78	2.35	2.65	2.54	1.47	.971
12	.320	.246	5.67	65.6	41.2	33.6	5.54	2.94	3.06	2.83	1.40	.994
13	.293	.178	5.25	61.6	36.8	31.1	4.33	3.74	2.83	2.60	1.24	.893
14	.305	.305	4.36	52.8	34.9	26.4	3.71	4.14	2.83	2.45	1.21	.862
15	.246	.275	4.14	53.4	33.2	22.0	3.41	4.64	2.57	2.17	1.16	1.21
16	.800	.232	4.17	68.4	33.6	29.8	3.80	5.21	2.51	1.31	1.11	1.09
17	.740	.261	4.42	64.2	32.7	13.8	4.05	5.74	3.26	1.77	1.09	.971
18	2.60	.820	4.08	54.0	34.9	10.7	4.96	5.94	3.74	1.73	1.09	1.19
19	1.34	.820	4.39	47.0	35.8	8.94	4.51	5.57	3.35	3.18	1.14	1.73
20	.760	.643	5.70	45.4	35.8	8.48	4.70	5.25	2.83	3.44	1.09	1.77
21	.643	.625	6.07	74.9	35.6	8.25	5.25	5.41	2.65	2.85	1.09	1.85
22	3.65	.701	5.90	79.4	35.4	8.00	5.67	5.61	2.74	2.45	1.09	1.54
23	2.94	.780	5.74	62.2	34.9	7.63	5.94	6.27	2.63	2.27	1.14	1.37
24	1.09	.682	5.25	54.0	35.8	7.44	5.77	6.14	2.43	1.94	1.24	1.26
25	.883	.971	4.92	50.4	35.8	7.54	5.05	5.51	2.37	1.73	1.34	1.47
26	.760	.927	5.74	49.2	34.5	7.89	4.14	4.77	2.27	1.61	1.26	1.02
27	.662	1.81	6.75	51.0	31.9	8.29	3.59	5.28	3.29	1.73	1.11	2.33
28	.606	1.19	7.76	55.8	25.0	8.35	3.21	5.80	4.02	1.44	1.04	2.60
29	1.16	1.04	11.7	55.2	26.1	7.63	2.91	6.61	4.05	1.37	1.04	
30	.905	3.89	15.5	57.7	23.1	6.61	2.77	6.84	3.56	1.37	1.14	
31	.588		17.7		23.9	5.38		6.51		1.34	1.94	
MOY	.722	.668	5.42	51.1	42.2	23.8	4.97	4.47	3.47	2.37	1.21	1.31

DEBIT MOYEN ANNUEL

11.9 M3/S

STATION : TOGO

LAC TOGO

SIO

TCGBLEKCE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1963-1964 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	4.05	3.73	5.84	2.88	20.8	47.0	19.2	61.6	64.9	6.14	2.32	1.40
2	3.83	4.05	5.51	3.26	20.6	45.8	18.5	62.9	48.7	5.54	2.32	1.50
3	3.68	3.56	5.18	3.89	15.5	68.4	17.7	64.2	45.4	5.15	2.22	1.58
4	3.74	2.54	4.14	3.55	21.5	68.4	13.0	74.2	41.7	4.92	2.22	1.77
5	3.21	2.27	3.50	3.26	24.4	65.1	26.1	89.0	38.2	4.58	2.07	1.69
6	2.77	2.17	2.54	3.56	27.5	65.1	34.5	85.7	36.3	4.42	2.12	1.47
7	2.57	1.61	2.13	3.25	30.2	64.9	40.7	81.0	34.5	4.33	2.43	1.29
8	3.62	1.44	3.12	2.80	30.7	62.9	42.2	78.7	33.2	4.20	2.71	1.26
9	4.48	2.82	2.60	3.53	31.5	62.9	42.7	72.0	31.5	4.02	2.74	1.19
10	4.86	3.98	2.37	8.11	32.3	60.9	45.9	67.7	30.7	3.86	2.48	1.16
11	5.02	4.29	2.12	8.54	32.7	62.2	53.4	69.1	26.4	3.74	2.22	1.09
12	4.66	4.51	2.60	5.41	36.3	55.8	55.2	58.3	27.2	3.56	2.22	1.32
13	4.39	4.92	2.65	5.02	37.1	57.7	53.4	62.2	22.3	3.44	2.07	.971
14	3.80	4.89	2.85	4.73	38.7	53.4	45.9	63.6	18.7	3.35	1.89	.949
15	3.26	4.48	2.63	4.63	36.7	54.6	42.2	67.0	15.9	3.29	1.81	1.02
16	2.83	3.17	2.32	5.36	35.2	55.6	35.2	57.1	14.8	3.21	1.73	1.06
17	2.45	3.12	2.37	5.74	35.2	57.1	36.3	49.3	11.3	3.12	1.65	1.14
18	2.17	3.18	2.60	7.07	41.2	51.6	35.4	49.3	9.69	3.03	1.58	1.16
19	1.58	3.89	3.89	6.37	53.4	45.9	33.2	48.1	8.74	2.97	1.54	1.06
20	1.65	4.70	6.93	5.51	52.2	44.8	33.2	47.6	7.73	2.88	1.54	.841
21	1.58	3.65	7.63	5.84	47.6	44.8	34.9	48.7	7.23	2.88	1.50	.820
22	1.37	3.63	8.11	6.14	47.0	43.7	38.2	50.4	6.93	2.88	1.50	.800
23	1.37	4.54	7.15	6.61	45.8	35.7	42.2	49.8	6.81	2.85	1.54	.780
24	1.21	4.77	5.77	7.04	46.1	36.3	47.6	46.4	6.65	2.65	1.50	.740
25	1.14	4.61	4.59	7.54	47.0	33.2	52.2	41.7	6.75	2.60	1.50	.625
26	1.11	4.61	4.05	9.53	44.3	30.2	57.7	40.2	6.93	2.54	1.61	.841
27	1.14	5.02	3.05	12.3	41.7	27.9	55.8	38.7	7.15	2.51	1.44	.994
28	2.07	5.16	2.60	15.3	40.7	26.1	57.1	40.2	7.11	2.48	1.40	.927
29	2.03	5.25	2.51	17.7	35.7	24.4	58.3	39.7	6.90	2.48	1.37	.862
30	2.65	5.44	3.65	15.4	40.2	24.7	63.6	40.7	6.61	2.40	1.40	
31	2.88		3.62		41.7	17.7		53.4		2.37	1.50	
MOY	2.84	3.92	3.53	6.83	37.3	48.9	41.2	58.0	21.2	3.50	1.88	1.10

DEBIT MOYEN ANNUEL

19.3 M3/S

STATION : 1060

LAC TCGC

SIC

TCGBLEKPE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1964-1965 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.820	2.19	4.04	2.44	48.0	37.6	3.65	5.59	2.77	2.05		
2	.862	2.66	3.88	2.48	41.7	35.9	3.58	5.28	2.84	2.05		
3	.780	3.09	4.00	2.23	40.2	33.1	3.77	5.98	3.02	2.05		
4	.448	3.28	4.04	2.12	43.5	29.5	4.20	6.11	2.74	2.02		
5	.720	3.13	3.77	2.23	44.0	28.7	5.20	6.16	2.74	1.98		
6	.482	2.74	3.54	2.09	40.2	27.3	6.39	6.25	2.74	1.98		
7	.549	2.44	3.42	2.12	37.9	27.3	7.19	6.20	2.81	1.95		
8	1.04	2.55	3.17	2.23	35.0	26.2	7.57	6.11	2.88	1.92		
9	1.06	2.55	3.28	2.26	32.8	30.0	8.16	6.03	2.70	1.92		
10	1.06	2.66	3.50	2.98	29.0	31.8	8.16	5.94	2.70	1.88		
11	1.02	2.62	3.92	3.77	25.9	27.3	9.51	5.90	2.66	1.98		
12	.949	2.37	5.02	6.03	20.7	26.8	10.3	5.86	2.44	1.88		
13	1.06	2.27	5.77	6.82	15.6	23.4	11.4	5.63	2.55	1.82		
14	.994	2.40	5.12	6.98	11.6	16.1	13.6	5.50	2.09	1.59		
15	.927	3.20	5.12	7.24	8.73	13.7	16.1	4.98	2.19	1.75		
16	.527	3.54	5.07	8.29	7.13	12.4	17.6	4.73	2.40	1.53		
17	.862	3.24	4.48	9.58	6.57	10.8	20.0	4.69	2.66	1.56		
18	.971	3.09	4.36	11.7	6.11	9.44	20.2	4.28	2.44	1.56		
19	1.16	2.95	4.94	18.5	6.03	8.35	19.2	4.65	2.49	1.59		
20	1.19	4.32	5.50	25.6	6.48	7.19	18.1	5.02	2.33	1.15		
21	1.11	4.40	5.24	33.1	6.62	6.39	17.1	5.11	2.33	1.66		
22	1.02	4.73	4.77	42.6	6.57	5.81	15.5	5.72	2.23	1.56		
23	1.04	4.54	4.48	54.9	15.3	5.54	13.7	5.77	2.33	1.53		
24	1.02	5.37	4.52	49.4	34.5	5.54	12.1	5.94	2.12	1.66		
25	1.04	5.59	4.52	43.0	36.2	5.24	10.7	5.68	2.19	1.62		
26	1.11	5.59	4.52	40.5	54.9	5.20	10.2	5.63	2.16	1.62		
27	1.11	5.11	4.00	39.9	70.2	4.65	8.60	5.28	2.12	1.59		
28	1.14	4.81	3.42	62.5	52.2	4.24	7.80	5.24	2.12	1.59		
29	1.16	4.52	2.98	64.0	42.1	4.12	6.53	4.98	2.12	1.56		
30	1.21	4.32	2.70	53.8	42.6	4.04	6.07	4.81	2.05	1.62		
31	1.50		2.59		41.7	3.81				1.62		
MOY	.992	3.56	4.22	20.4	29.4	16.8	10.7	5.45	2.46	1.74		

DEBITS MOYENS JOURNALIERS EN 1965-1966 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOÛT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1											.700	.576
2												.491
3												.552
4												.491
5												.588
6											.801	.515
7											.742	.573
8											.757	.551
9											.767	.539
10											.725	.456
11											.692	.456
12											.641	.363
13											.625	.340
14											.617	.329
15											.625	.329
16											.600	.363
17											.617	.456
18											.742	.467
19											.641	.479
20											.592	.363
21											.576	.295
22											.576	.251
23											.567	.251
24											.551	.284
25											.692	.329
26											.742	.409
27											.776	.456
28											.809	.386
29											.742	
30											.692	
31											.585	
MOY											.683	.424

STATION : TOGO

LAC TOGO

SIC

TCGBLEKCE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1966-1967 (M3/S)

	MARS	AVRI	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEVR
1	.340	2.36	.650	1.22	27.0	11.0	24.1	21.6	6.41	1.30	.479	.479
2	.332	5.08	.491	2.56	19.6	9.30	23.1	22.0	6.19	1.28	.675	.479
3	.333	5.51	.444	2.42	12.0	8.80	22.2	23.1	5.87	1.22	.775	.432
4	.456	2.09	.351	4.31	8.05	8.04	21.2	24.4	5.50	1.22	.750	.409
5	.456	2.58	.539	3.69	10.9	7.00	20.1	24.8	4.89	1.28	.700	.409
6	.456	2.39	.527	4.59	9.28	7.55	18.9	26.1	4.34	.955	.700	.386
7	.394	2.18	.625	4.67	7.60	8.34	18.2	28.5	4.37	.955	.700	.363
8	.355	.852	.551	5.25	7.02	9.88	16.4	29.7	3.51	.955	.675	.363
9	.39	.666	.527	7.42	5.66	11.9	19.6	30.1	2.69	.903	.675	.363
10	.543	.608	.419	8.51	5.18	12.2	12.5	30.9	2.39	.955	.625	.363
11	.464	.256	.491	9.13	5.10	15.0	10.9	31.6	2.38	1.06	.625	.386
12	.363	.627	.419	14.0	9.23	14.4	9.79	32.1	2.33	1.11	.456	.386
13	.355	.592	.456	22.7	9.31	13.1	8.81	31.6	2.25	1.03	.456	.386
14	.371	.725	.420	25.5	9.17	11.9	7.78	30.2	2.19	1.01	.527	.432
15	.585	.610	.363	26.3	9.29	11.0	7.49	28.5	2.07	1.11	.551	.409
16	.432	.560	.527	25.5	11.9	12.5	7.39	26.9	2.02	1.17	.551	.409
17	.348	.584	.456	22.7	17.6	18.0	7.22	25.6	1.96	1.22	.551	.363
18	.280	2.68	.491	12.3	22.6	23.8	7.12	21.6	1.93	1.11	.527	.363
19	.341	2.30	.551	6.69	26.7	28.3	7.10	24.6	1.90	1.09	.700	.363
20	.519	1.98	.516	4.65	29.2	29.9	6.97	26.0	1.90	1.06	.576	.363
21	.456	1.20	.374	7.93	31.5	30.9	6.75	27.4	1.81	1.06	.576	.363
22	.472	.810	.363	9.31	32.1	29.7	6.93	26.5	1.76	.955	.576	.363
23	.584	.750	.318	12.4	21.1	26.7	7.22	22.1	1.73	.700	.600	.363
24	.568	.708	.284	19.3	26.7	25.6	7.46	19.2	1.73	.700	.600	.340
25	.576	.577	.251	25.0	26.7	23.8	7.76	15.8	1.67	.700	.625	.317
26	.576	.625	.340	27.6	23.2	22.0	8.77	12.8	1.67	.700	.600	.295
27	.584	.378	.351	26.1	18.1	21.8	13.8	13.8	1.64	.700	.479	.295
28	.863	.363	.397	25.5	17.1	23.2	16.7	10.8	1.64	.700	.479	.295
29	.820	.903	.351	26.0	16.2	24.9	20.4	8.95	1.61	.700	.479	
30	.601	.818	.329	27.3	13.8	25.7	20.6	8.01	1.61	.479	.479	
31	.608		.351		12.5	25.4		11.3		.675	.479	
MOY	.478	1.48	.440	14.1	16.5	17.8	13.1	23.1	2.82	.970	.589	.376

DEBIT MOYEN ANNUEL

7.70

M3/S

STATION : TOGO LAC TOGO SIO TCCBLEKCPE

NUMERO : 47342209

DEBITS MOYENS JOURNALIERS EN 1967-1968 (M3/S)

	MARS	AVRIL	MAI	JUIN	JUIL	AOUT	SEPT	OCTO	NOVE	DECE	JANV	FEBR
1	.295	1.78	27.0	8.74	48.1	7.70	4.15	23.1	16.8	1.88	1.85	1.01
2	.295	1.66	27.2	12.8	90.6	7.13	4.05	23.3	14.6	1.35	1.85	.913
3	.060	1.32	26.3	18.1	38.2	7.58	3.77	24.8	13.5	1.88	1.85	.951
4	.186	1.09	25.8	18.9	35.1	7.79	3.55	27.4	13.2	1.01	1.85	1.03
5	.133	1.71	25.5	21.6	33.0	7.16	3.55	30.0	13.0	1.91	1.85	1.01
6	.143		25.9	30.8	32.5	6.27	3.51	33.6	11.9	1.93	1.85	.988
7	.229		27.0	40.3	30.8	6.02	3.64	36.1	11.2	1.96	1.85	.962
8	.229		27.4	41.1	35.8	5.88	3.33	39.7	11.0	1.96	1.79	.900
9	.207	.456	21.9	37.3	32.0	5.88	3.70	38.8	10.5	1.99	1.79	.913
10	.207	.456	20.4	37.3	28.0	6.38	4.29	36.7	10.2	1.99	1.62	.913
11	.207	.456	10.8	37.3	25.9	4.98	4.88	34.9	10.1	1.99	1.35	.851
12	.186	.456	9.95	37.3	24.6	5.25	5.06	33.2	9.75	1.96	1.38	.839
13	.262	.467	8.08	37.3	24.6	5.86	5.58	31.4	9.51	2.05	1.35	.814
14	.306	.515	6.27	40.6	24.4	5.67	6.14	28.1	9.06	2.02	1.59	.778
15	.386	.527	4.79	39.0	22.9	5.64	6.74	26.5	8.90	1.99	1.88	.766
16	.456	.527	5.17	38.3	13.7	5.67	6.93	26.8	7.89	1.96	1.91	.742
17	.479	.533	5.64	37.7	24.2	5.67	7.54	28.2	6.99	1.99	1.88	.718
18	.491	.675	6.56	36.9	27.4	5.69	9.10	29.9	6.55	1.99	1.14	.718
19	.539	1.06	7.10	33.2	29.6	5.72	10.1	30.6	6.19	1.96	1.14	.671
20	.456	1.83	7.01	31.2	26.8	5.61	11.1	30.2	5.05	1.99	1.11	.742
21	.491	4.94	7.28	20.9	25.7	5.33	11.9	30.4	3.55	1.93	.829	.754
22	.713	4.94	8.13	22.0	24.2	4.99	12.2	30.1	3.04	1.91	.839	.602
23	.675	3.95	8.04	19.8	22.7	4.79	13.2	28.6	2.79	1.91	1.04	1.70
24	.588	3.48	7.95	20.6	21.8	4.69	14.4	28.1	2.80	1.88	1.01	2.90
25	.491	4.15	7.55	23.4	21.1	4.69	16.0	28.1	2.60	1.85	1.04	4.05
26	.503	5.43	7.13	25.9	19.5	4.67	18.8	32.3	2.46	1.82	1.01	3.98
27	.539	8.90	6.35	28.1	13.8	4.64	22.4	29.0	2.24	1.85	1.01	3.67
28	.612	17.3	5.67	28.7	13.2	4.69	24.3	23.0	2.20	1.35	1.01	3.35
29	1.14	20.0	5.49	33.4	9.93	4.69	23.6	22.4	1.89	1.85	1.01	2.57
30	1.68	21.9	7.16	38.6	8.23	4.36	23.1	20.4	1.98	1.85	1.01	
31	1.87		7.73		8.23	4.25				1.85	1.01	
MOY	.486	3.79	13.0	29.9	27.0	5.66	9.69	29.2	7.71	1.93	1.41	1.41

DEBIT MOYEN ANNUEL

11.0 43/S