BULLETIN CLIMATOLOGIQUE ANNUEL

de la

REPUBLIQUE RWANDAISE

et du

ROYAUME DU BURUNDI

2

ANNEE 1962

BUREAU CLIMATOLOGIQUE
DE L'ISAR ET DE L'ISABU
RUBONA
(1963)

INSTITUT
DES SCIENCES AGRONOMIQUES
DU RWANDA

STATION D'ESSAIS DE KARAMA
B.P. 121 KIGALI
RWANDA

MISSION HYDRO-CLIMATOLOGIQUE
BUGESERA.

Karama, le 4 no

Monsieur le Président de la
République Rwandaise,
KIGALI.
République Rwandaise.

Monsieur le Président,

Nous avons l'honneur de vous faire parvenir, par plis séparés, le "Bulletin Climatologique Annuel de la République Rwandaise et du Royaume du Burundi" pour l'année 1962, ainsi qu'un exemplaire de la "Carte des Isohyètes Annuelles".

Cette carte, établie d'après la normale des précipitations calculée pour la période 1931-1960, présente un grand intérêt pour tous ceux qui sont chargés des programmes de développement économique (Agronomes, forestiers, hydrologues, techniciens du Génie Rural etc...).

Nous vous en souhaitons bonne réception et nous vous prions d'agréer, Monsieur le Président, l'assurance de notre plus haute considération.

C. VAN MINNENBRUGGEN
Chef de la Mission Hydro-Climatologique au Bugesera.

cc. Direction ISAR à
Rubona.

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I N T R O D U C T I O N .

Le présent Bulletin fournit les données principales sur le climat, recueillies pour l'année 1962, en République Rwandaise et au Royaume du Burundi. Les tableaux climatologiques rassemblés dans ce Bulletin sont rangés par pays et par élément (pluie, température et humidité de l'air, évaporation et insolation) suivant l'ordre alphabétique des stations auxquelles ils se rapportent.

Pour certains éléments la normale a été calculée sur le plus grand nombre d'années d'observation au cours de la nouvelle périose 1931-1960. Le nombre d'années sur lequel a été calculée cette normale, est indiqué entre parenthèses en tête du tableau et immédiatement après le nom de la station.

Une liste préliminaire des stations climatologiques utilisées pour ce bulletin précède les tableaux climatographiques. Pour chacune de ces stations figurent les coordonnées géographiques, l'altitude, les données fournies et le nom de la Communauté religieuse, du Service, de l'Organisme ou de l'Observateur effectuant les relevés.

Pour les précipitations sont publiées, outre les totaux mensuels et les écarts à la normale, les fréquences des pluies journalières de diverses hauteurs et les intensités maxima mensuelles et annuelles pour une durée continue de 15', 30',45', 60' et 120'.

Pour quelques stations des données supplémentaires sont mentionnées telles les variations horaires de la température et des caractéristiques de l'humidité de l'air (humidité relative, tension de vapeur d'eau et déficit de saturation), les températures minima au-dessus du gazon, les extrêmes de la température du sol enregistrée à 10 et à 20 cm de profondeur, et la variation horaire de la durée d'insolation en pour cent.

Enfin sont publiées également quelques données sur l'évaporation d'une nappe d'eau libre et l'évapotranspiration potentielle et actuelle d'une couverture de paspalum notatum.

Au cours des années 1962 et 1963 les données recueillies sur le climat se sont enrichies. Le Bureau Climatologique a satisfait à toute demande de fourniture et de matériel. Disposant d'une importante documentation climatologique, il fournit aux chercheurs, agronomes, hydrologues et aux chargés de mission les données sur le climat dont ils ont besoin. Sa collaboration aux programmes de développement économique est particulièrement importante.

Dans les pays où l'économie est basée presqu'uniquement sur leur agriculture, la Météorologie Agricole a un rôle primordial à jouer. Afin qu'elle puisse rendre sans entraves les services tant attendus pour le développement agricole des pays, le Réseau Climatologique doit, comme par le passé, être l'auxiliaire technique des divers Départements du Ministère de l'Agriculture.

BUREAU CLIMATOLOGIQUE
DE L'ISAR ET DE L' ISABU.
RUBONA

C. Van Minnenbruggen

/-P.N./

TABLE DES MATIERES.

PREMIERE PARTIE.

REPUBLIQUE RWANDAISE.

I.- LISTE DES STATIONS CLIMATOLOGIQUES DE LA REPUBLIQUE RWANDAISE UTILISEES POUR CE BULLETIN.

NOMS	COORDONNEES GEOGRAPHIQUES LONG.E	LAT.S	ALTITUDE EN M.	DONNEES PUBLIEES (1)	OBSERVATEUR
ASTRIDA-MISSION(BUTARE)	29º44'	2º36'	1755	P.T.E.	MISSION CATHOLIQUE.
ASTRIDA-T.S.F.(BUTARE)	29º44'	2º36'	1753	P.T.E.	SERVICE TELECOMMUNICATIONS.
BIGUTU	28º59'	2º29'	2205	P.	PLANTATION.
BITSIBO	30º20'	1º55'	-	P.	ADMINISTRATION COMMUNALE.
BULENGE-LAC	30º05'	2º24'	1353	P.	SERVICE AGRI.
BULENGE-PLATEAU	30º07'	2º24'	+1400	P.T.H.E.	O.B.M.
BUMAZI	29º00'	2º28'	-1900	P.	ADMINISTRATION COMMUNALE.
BUSHONGA	29º46'	1º27'	1865	P.	FORCE DE L'EST.
BUSOZO	29º04'	2º34'	1850	P.	ADMINISTRATION COMMUNALE.
BYIMANA	29º44'	2º08'	1750	P.T.E	MISSION CATHOLIQUE.
BYUMBA	30º03'	1º36'	2235	P.T.	SERVICE AGRI.
CYANIKA	29º35'	2º24'	1950	P.	MISSION CATHOLIQUE.
GABIRO	30º24'	1º32'	1472	P.T.H.E.	I.P.N.-ISAR.
GAHANGA	30º06'	2º03'	1370	P.	SERVICE AGRI.
GAHORORO	30º30'	2º10'	1700	P.	SERVICE AGRI.
GASHORA-RWIMONDO	30º16'	2º12'	1346	P.T.H.E.I.	O.B.M.
GIHINGA	29º58'	2º17'	1355	P.	SERVICE AGRI.
GITWE	29º42'	2º14'	±1750	P.	MISSION PROTESTANTE.
KADUHA	29º35'	2º14'	1900	P.	MISSION CATHOLIQUE.
KAKITUMBA	30º27'	1º03'	1280	P.	SERVICE DES DOUANES.
KAMEMBE	28º55'	2º28'	1582	P.T.E.	SERVICE TELECOMMUNICATIONS.
KANSI	29º45'	2º42'	1670	P.	MISSION CATHOLIQUE.
KARAMA-CRETE	30º12'	2º17'	1463	P.	O.B.M.
KARAMA-KILIMBI	30º17'	2º16'	1347	P.	O.B.M.
KARAMA-PLATEAU	30º16'	2º17'	1403	P.T.H.E.I.Ts.	ISAR.
KAYOVU	30º15'	2º17'	1392	P.	O.B.M.
KERU	29º58'	2º13'	1450	P.	SERVICE AGRI.

NOMS	COORDONNEES GEOGRAPHIQUES LONG.E	LAT.S	ALTITUDE EN M.	DONNEES PUBLIEES (1)	OBSERVATEUR
KIBEHO	29º33'	2º39'	1940	P.	PAROISSE CATHOLIQUE.
KIBUGABUGA-LAC	30º09'	2º18'	1350	P.T.H.E.	O.B.M.
KIBUNGU	30º32'	2º10'	1680	P.	SERVICE AGRI.
KIBUYE	29º21'	2º03'	1470	P.	SERVICE AGRI.
KIGALI	30º04'	1º57'	1550	P.T.E.	SERVICE TELECOMMUNICATIONS.
KIGEME	29º32'	2º29'	2000	P.T.	MISSION PROTESTANTE.
KIGINA	30º17'	2º21'	1335	P.	O.B.M.
KINIGI	29º35'	1º27'	2200	P.T.	REGIE PYRETHRE.
KIRAMBO	29º07'	2º18'	1465	P.	PLANTATION.
KIRINDA	29º34'	2º11'	1650	P.	MISSION PROTESTANTE.
KISENYI(GISENYI)	29º16'	1º42'	1460	P.	SERVICE AGRI.
LUKUMBERI	30º21'	2º11'	1350	P.	O.B.M.
LUMILA-LAC	30º14'	2º12'	1330	P.	O.B.M.
MATA	29º33'	2º34'	1800	P.	SERVICE AGRI.
MBUYE	30º24'	2º18'	1325	P.	SERVICE AGRI.
MUBUGA	29º19'	2º10'	1650	P.	PAROISSE CATHOLIQUE.
MUHERO	29º56'	2º24'	1440	P.	ISAR.
MULINDI	30º02'	1º28'	-	P.	SERVICE AGRI.
MUTOVU	-	-	-	P.	REGIE PYRETHRE.
MWAGA	29º04'	2º26'	1500	P.	SERVICE AGRI.
MWENDO	30º16'	2º14'	±1450	P.	O.B.M.
MWEZI	29º02'	2º31'	±1750	P.	ADMINISTRATION COMMUNALE.
NEMBA	30º14'	2º20'	1575	P.T.H.E.	O.B.M.
NGARU	29º40'	1º44'	-	P.	SERVICE AGRI.
NGOMA	29º17'	2º11'	1680	P.	MISSION ADVENTISTE DU 7e JOUR.
NIABISINDU	29º50'	2º25'	±1700	P.	ISAR.
NTEBE	30º19'	2º05'	-	P.	COREM.
NYAGATARE	30º20'	1º20'	1450	P.	SERVICE AGRI.
NYAKIBANDA	29º42'	2º39'	1750	P.	MISSION CATHOLIQUE.
NYAMASHEKA	29º05'	2º02'	1500	P.	PAROISSE CATHOLIQUE.
NYAMATA	30º05'	2º09'	1428	P. T.H.E.T.	O.B.M.
NYAMIYAGA	29º47'	2º24'	1800	P.T.	ISAR.

NOMS	COORDONNEES GEOGRAPHIQUES LONG.E	LAT.S	ALTITUDE EN M.	DONNEES PUBLIEES (1)	OBSERVATEUR
NYANZA	29º45'	2º21'	1800	P.	SERVICE AGRI.
NYARUBUYE	30º45'	2º12'	1750	P.	MISSION CATHOLIQUE.
RUBONA	29º46'	2º29'	1706	P.T.T_s.H.E.I.	ISAR.
RUBUNGO	30º09'	1º50'	1480	P.T.	SERVICE AGRI.
RUHENGERI	29º38'	1º30'	1860	P.	SERVICE AGRI.
RUHUNDE	29º56'	1º34'	2235	P.T.	SEVICE AGRI.
RUSUMU	30º47'	2º23'	±1345	P.	SERVICE AGRI.
RUTONGO	30º03'	1º48'	1900	P.	MISSION CATHOLIQUE.
RWAMAGANA	30º25'	1º57'	1550	P.	PAROISSE CATHOLIQUE.
RWERERE-COLLINE	29º53'	1º32'	2312	P.T.H.E.	ISAR.
RWERERE-RUGEZI	29º53'	1º32'	2060	P.T.E.	ISAR.
RWINKWAVU	30º38'	1º58'	1420	P.	GEORWANDA.
SAVE	29º46'	2º33'	1725	P.	MISSION CATHOLIQUE.
TARUKA	29º47'	1º22'	1865	P.	FORCE DE L'EST.
TSHOHOHA III(MPIRA)	30º11'	2º19'	1398'	P.	O.B.M.
ZAZA	30º25'	2º08'	1515	P.I.	MISSION CATHOLIQUE.

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(1) P. = pluies; T. = température de l'air; T_s. = température du sol; H. = humidité de l'air; I. = insolation; E. = évaporation.

II.- L A P L U I E .

(EN MILLIMETRES)

A. TOTAUX MENSUELS ET ANNUELS.

Lettres et signes conventionnels.

P. = total mensuel ou annuel des pluies.

(P)N = normale (normale = moyenne de référence calculée sur le plus grand nombre d'années d'observation au cours de la période 1931-1960.

P-(P)N = écart de P à la normale.

$\frac{100P}{(P)N}$ = pourcentage de P à la normale.

J. = nombre de jours à pluie mesurable.

M. = chute de pluie maximum en 24 heures (08.00 à 08.00h. temps civil).

* = il s'agit d'une moyenne mensuelle de référence (trois au maximum par station)

\+ = il s'agit d'un total comprenant des moyennes mensuelles de référence.

( ) = le nombre entre parenthèses après le nom de la station, indique le nombre d'années comprises au cours de la période 1931-1960, pour lesquelles la moyenne de référence a été calculée.

B. FREQUENCES DES PLUIES JOURNALIERES DE DIVERSES HAUTEURS.

C. INTENSITES DES PRECIPITATIONS.

A. TOTAUX MENSUELS ET ANNUELS.

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
ASTRIDA-MISSION(BUTARE)(30)						
J.	197.7	106.0	+91.7	186.5	19	52.8
F.	131.6	110.5	+21.1	119.2	11	39.7
M.	113.6	153.9	-40.3	73.8	18	31.5
A.	139.9	182.5	-42.6	76.7	15	33.0
M.	282.5	143.5	+139.0	196.9	16	80.0
J.	67.5	21.6	+45.9	312.5	6	21.0
J.	7.6	9.9	-2.3	76.8	2	6.2
A.	48.6	28.6	+20.0	169.9	7	11.2
S.	131.3	68.8	+62.5	190.8	13	62.0
O.	248.3	104.9	+143.4	236.7	18	44.0
N.	174.6	118.6	+56.0	147.2	20	-
D.	91.0	99.4	-8.4	91.5	15	17.5
A.	1634.2	1148.2	+486.0	142.3	160	-
BITSIBO						
J.	-	-	-	-	-	-
F.	-	-	-	-	-	-
M.	-	-	-	-	-	-
A.	-	-	-	-	-	-
M.	-	-	-	-	-	-
J.	1.5	-	-	-	2	1.0
J.	0.0	-	-	-	0	0.0
A.	54.2	-	-	-	7	14.2
S.	96.3	-	-	-	14	21.7
O.	151.9	-	-	-	16	43.2
N.	85.2	-	-	-	17	19.0
D.	115.8	-	-	-	15	45.6
A.	-	-	-	-	-	-
ASTRIDA T.S.F.(BUTARE)(13)						
	201.1	111.3	+99.8	198.5	17	42.1
	89.9	123.5	-33.6	72.8	6	41.5
	116.9	171.5	-54.6	68.2	13	27.6
	265.6	181.8	+83.9	146.1	21	33.2
	279.3	149.4	+129.9	18699	18	66.2
	44.7	23.5	+21.2	190.2	6	17.6
	0.2	5.8	-5.6	3.4	1	0.2
	24.2*	24.2	-	-	-	-
	131.2	69.0	+62.2	190.1	16	61.5
	263.7	97.9	+165.8	269.4	23	50.8
	155.4	112.4	+43.0	138.3	17	41.6
	108.6*	108.6	-	-	-	-
	1680.8	+1168.9	-	-	-	-
BULENGE-LAC						
	166.9	-	-	-	11	32.5
	43.9	-	-	-	5	23.0
	84.0	-	-	-	12	18.5
	178.9	-	-	-	14	47.2
	246.1	-	-	-	13	36.0
	34.7	-	-	-	1	34.7
	0.0	-	-	-	0	0.0
	36.5	-	-	-	4	19.5
	23.9	-	-	-	7	8.0
	191.4	-	-	-	15	58.3
	23.8	-	-	-	5	7?4
	129.5	-	-	-	17	38.2
	1159.6	-	-	-	104	58.3
BIGUTU(7)						
	150.0	186.3	-36.3	80.5	13	40.0
	186.0	187.2	-1.2	99.4	15	69.0
	296.0	284.7	+11.3	104.0	26	39.0
	278.0	290.1	-12.1	95.8	24	44.0
	196.0	190.0	+6.0	103.2	17	29.0
	64.0	30.0	+34.0	213.3	8	15.0
	10.0	18.0	-8.0	55.6	3	4.0
	118.0	58.0	+60.0	203.4	11	44.0
	149.0	115.4	+33.6	129.1	13	63.0
	361.0	265.4	+95.6	136.0	27	44.0
	238.0	263.7	-25.7	90.3	21	30.0
	171.0	235.9	-64.9	72.5	22	31.0
	2217.0	2124.7	+92.3	104.3	200	69.0
BULENGE-PLATEAU						
	144.2	-	-	-	16	33.4
	59.6	-	-	-	6	27.1
	67.8	-	-	-	13	18.1
	148.5	-	-	-	16	39.4
	218.3	-	-	-	17	51.6
	29.5	-	-	-	3	19.4
	0.8	-	-	-	1	0.6
	45.0	-	-	-	8	23.0
	48.1	-	-	-	8	20.7
	158.1	-	-	-	18	45.7
	46.5	-	-	-	10	11.2
	162.9	-	-	-	20	47.9
	1129.3	-	-	-	136	51.6

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
	BUMAZI						BUSHONGA						BUSOZO					
J.	-	-	-	-	-	-	66.5	-	-	-	-	-	-	-	-	-	-	-
F.	-	-	-	-	-	-	64.6	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	84.4	-	-	-	-	-	-	-	-	-	-	-
A.	218.2	-	-	-	26	31.1	151.6	-	-	-	-	-	172.2	-	-	-	14	27.2
M.	211.0	-	-	-	21	25.5	131.2	-	-	-	-	-	185.0	-	-	-	11	44.3
J.	50.8	-	-	-	12	7.4	58.3	-	-	-	-	-	115.6	-	-	-	9	38.7
J.	4.1	-	-	-	3	3.0	9.5	-	-	-	-	-	0.0	-	-	-	0	0.0
A.	81.0	-	-	-	13	20.0	40.8	-	-	-	-	-	41.9	-	-	-	7	21.7
S.	146.0	-	-	-	25	25.0	109.5	-	-	-	-	-	156.5	-	-	-	15	31.6
O.	252.9	-	-	-	31	44.3	144.4	-	-	-	-	-	229.5	-	-	-	19	52.2
N.	199.2	-	-	-	21	30.1	128.0	-	-	-	-	-	204.9	-	-	-	13	26.0
D.	148.7	-	-	-	24	25.1	65.2	-	-	-	-	-	151.2	-	-	-	15	49.8
A.	-	-	-	-	-	-	1054.0	-	-	-	-	-	-	-	-	-	-	-
	BYIMANA						BYUMBA(30)						CYANIKA(21)					
J.	168.5	-	-	-	18	50.4	103.5	77.2	+26.3	134.1	17	23.0	172.9	115.9	+57.0	149.2	21	32.3
F.	31.4	-	-	-	18	20.0	59.4	96.2	-36.8	61.7	6	25.5	70.1	134.0	-63.9	52.3	14	15.7
M.	130.4	-	-	-	16	41.2	85.5	138.4	-52.9	61.8	13	25.0	145.0	147.0	-2.0	98.6	21	26.3
A.	123.2	-	-	-	22	25.8	147.8	203.7	-55.9	72.6	11	27.0	180.8	206.6	-25.8	87.5	29	34.0
M.	199.3	-	-	-	15	42.5	131.0	161.4	-30.4	91.9	18	44.0	276.1	168.1	+108.0	164.2	21	45.9
J.	15.5	-	-	-	2	9.8	32.2	30.9	+1.3	104.2	5	21.9	62.2	17.3	+44.9	359.5	6	22.5
J.	18.4	-	-	-	1	18.4	0.0	17.0	-17.0	0.0	0	0.0	5.5	10.1	-4.6	54.5	2	3.0
A.	93.4	-	-	-	7	42.0	34.1	39.8	-5.7	85.7	5	9.3	194.5	32.7	+161.8	594.8	8	72.6
S.	104.4	-	-	-	21	50.5	97.6	106.9	-9.3	91.3	7	30.0	102.5	91.3	+11.2	112.3	9	33.0
O.	272.4	-	-	-	24	56.5	320.7	130.4	+190.3	245.9	21	52.2	228.6	101.2	+127.4	225.9	19	49.5
N.	124.2	-	-	-	26	33.7	156.2	111.1	+45.1	140.6	17	18.8	152.3	131.0	+21.3	116.3	13	37.0
D.	131.1	-	-	-	29	31.0	132.6	92.8	+39.8	142.9	15	30.9	141.1	119.4	+21.7	118.2	12	31.0
A.	1412.2	-	-	-	188	56.5	1300.6	1205.8	+94.8	107.9	135	52.2	1731.6	1274.6	+457.0	136.9	175	72.8

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		GABIRO(14)						GAHANGA						GAHORORO				
J.	44.6	57.1	-12.5	78.1	9	13.0	110.1	-	-	--	10	52.5	73.4	--	-	-	6	41.8
F.	16.6	70.4	-53.8	23.6	4	11.5	16.6	-	-	-	6	6.5	45.2	-	-	-	5	21.0
M.	136.2	90.1	+46.1	151.2	13	30.8	71.0	-	-	-	17	20.0	128.6	-	-	-	18	20:0
A.	60.9	143.0	-82.1	42.6	9	18.5	85.2	-	-	-	13	28.7	197.6	-	-	-	13	74:0
M.	65.9	73.2	-7.3	90.0	5	27.0	62.9	-	-	-	11	24.2	190.6	-	-	-	13	74:0
J.	33.9	18.2	+15.7	186.3	2	25.2	3.2	-	-	-	1	3.2	23.5	-	-	-	2	21:8
J.	0.0	14.2	-14.2	0.0	0	0.0	2.4	-	-	-	1	2.4	0.5	-	-	-	1	0.5
A.	43.9	19.0	+24.9	231.1	5	22.3	25.4	-	-	-	8	12.1	24.7	-	-	-	3	22:6
S.	57.1	66.9	-9.6	85.4	10	19.9	70.6	-	-	-	16	16.1	151.1	-	-	-	13	46.0
O.	125.8	79.3	+46.5	158.6	10	38.0	186.5	-	-	-	18	39.5	134.9	-	-	-	16	21:6
N.	167.9	75.3	+92.6	223.0	11	24.5	156.8	-	-	-	19	34.9	91.4	-	-	-	10	34:5
D.	99.9	78.4	+21.5	127.4	9	24.5	115.4	-	-	-	20	68.8	107.7	-	-	-	14	26:7
A.	852.7	785.1	+67.6	108.6	87	38.0	906.1	-	-	-	140	68.8	1169.2	-	-	-	114	74:0
		GASHORA-RWIMONDO						GIHINGA						GITWE				
J.	123.5	-	-	-	10	37.4	243.0	-	-	-	15	57.0	-	-	-	-	-	-
F.	22.0	-	-	-	4	9.1	37.5	-	-	-	5	17.5	-	-	-	-	-	-
M.	65.1	-	-	-	14	15.5	165.4	-	-	-	10	30.6	-	-	-	-	-	-
A.	67.4	-	-	-	15	9.6	123.4	-	-	-	12	37.2	-	-	-	-	-	-
M.	155.6	-	-	-	14	66.6	136.7	-	-	-	10	39.5	-	-	-	-	-	-
J.	10.1	-	-	-	1	10.1	12.6	-	-	-	1	12.6	-	-	-	-	-	-
J.	0.2	-	-	-	1	0.2	0.0	-	-	-	0	0.0	-	-	-	-	-	-
A.	56.3	-	-	-	4	49.5	47.5	-	-	-	4	35.0	-	-	-	-	-	-
S.	58.5	-	-	-	14	21.5	54.2	-	-	-	15	14.3	148.4	-	-	-	11	49.5
O.	101.9	-	-	-	19	36.6	282.1	-	-	-	17	44.9	234.7	-	-	-	12	70.0
N.	80.9	-	-	-	18	19.0	92.8	-	-	-	16	24.5	134.4	-	-	-	8	33.3
D.	126.1	-	-	-	22	24.5	57.0	-	-	-	14	21.2	92.2	-	-	-	4	32.2
A.	887.6	-	-	-	136	66.6	1252.2	-	-	-	119	57.0	-	-	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		KADUHA(6)						KAKITUMBA(18)						KANSI(29)				
J.		98.6	-	-	-	-	-	41.1	-	-	-	-	229.6	102.4	+127.2	224.2	13	58.9
F?	-	147.4	-	-	-	-	-	66.6	-	-	-	-	86.7	96.7	-10.0	89.7	5	34.0
M.	-	98.9	-	-	-	-	-	89.3	-	-	-	-	88.3	142.0	-53.7	62.2	8	24.6
A.	-	195.0	-	-	-	-	-	123.8	-	-	-	-	134.0	176.6	-42.6	75.9	14	27.2
M.	-	141.6	-	-	-	-	-	81.8	-	-	-	-	194.8	127.2	+67.6	153.1	10	57.3
J.	-	13.4	-	-	-	-	-	14.2	-	-	-	-	43.7	16.0	+27.7	273.1	3	18.9
J.	-	6.5	-	-	-	-	-	8.2	-	-	-	-	0.0	5.0	-5.0	0.0	0	0.0
A.	-	44.4	-	-	-	-	-	45.6	-	-	-	-	49.4	25.8	+23.6	191.5	3	24.6
S.	104.8	89.0	+15.8	117.8	11	36.2	52.5	81.1	-28.6	64.7	8	12.8	182.3	64.5	+117.8	282.6	10	45.1
O.	266.4	128.9	+137.5	129.1	15	54.0	54.5	82.1	-27.6	66.4	13	10.8	228.0	107.6	+120.4	211.9	-	-
N.	93.9	100.3	-6.4	93.6	9	29.0	156.1	105.6	+50.5	147.8	15	30.0	252.0	112.1	+139.9	224.8	-	-
D.	91.4	122.1	-30.7	74.9	10	19.0	28.9	86.6	-57.7	33.4	5	10.9	117.2	115.3	+1.9	101.6	-	-
A.	-	1190.0	-	-	-	-	-	826.0	-	-	-	-	1606.0	1091.2	+514.8	147.2	-	-
		KARAMA-CRETE						KARAMA-KILIMBI						KARAMA-PLATEAU				
J.	126.6	-	-	-	-	-	142.0	-	-	-	16	89.5	104.9	-	-	-	13	45.1
F.	29.1	-	-	-	-	-	32.0	-	-	-	9	15.0	24.4	-	-	-	10	17.9
M.	88.4	-	-	-	-	-	98.9	-	-	-	17	26.4	109.8	-	-	-	18	28.7
A.	44.7	-	-	-	-	-	75.7	-	-	-	18	22.1	80.5	-	-	-	17	23.2
M.	211.2	-	-	-	-	-	214.3	-	-	-	16	66.9	188.5	-	-	-	14	54.7
J.	8.3	-	-	-	-	-	4.9	-	-	-	1	4.9	7.6	-	-	-	2	7.5
J.	0.0	-	-	-	-	-	2.7	-	-	-	1	2.7	3.5	-	-	-	1	3.5
A.	34.6	-	-	-	-	-	25.9	-	-	-	5	13.3	29.0	-	-	-	6	12.0
S.	59.3	-	-	-	-	-	72.4	-	-	-	14	20.5	92.6	-	-	-	14	24.8
O.	67.8	-	-	-	-	-	22.7	-	-	-	-	-	67.9	-	-	-	16	19.9
N.	73.7	-	-	-	-	-	58.0	-	-	-	14	16.6	70.8	-	-	-	16	18.3
D.	124.4	-	-	-	-	-	118.0	-	-	-	21	32.4	104.1	-	-	-	21	24.2
A.	868.1	-	-	-	-	-	867.5	-	-	-	-	-	883.6	-	-	-	148	54.7

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			KAYOVU			
J.	91.0	-	-	-	-	-
F.	20.0	-	-	-	-	-
M.	89.7	-	-	-	14	25.6
A.	70.4	-	-	-	12	26.6
M.	166.0	-	-	-	12	52.0
J.	8.1	-	-	-	1	8.1
J.	1.9	-	-	-	1	1.9
A.	29.5	-	-	-	5	16.1
S.	81.8	-	-	-	15	24.8
O.	67.2	-	-	-	13	27.5
N.	62.1	-	-	-	12	17.2
D.	128.3	-	-	-	19	33.3
A.	816.0	-	-	-	-	-
			KIBUNGU(29)			
J.	53.0	92.1	-39.1	57.5	6	18.0
F.	42.8	94.4	-51.6	45.3	4	21.9
M.	131.0	118.8	+12.2	100.3	10	31.8
A.	113.8	152.3	-38.5	74.7	10	23.1
M.	184.3	93.3	+91.0	197.5	14	35.3
J.	22.5	12.6	+9.9	178.6	2	20.5
J.	0.0	7.2	-7.2	0.0	0	0.0
A.	14.4	17.4	-3.0	82.8	4	12.0
S.	76.4	63.9	+12.5	119.6	13	12.5
O.	139.5	70.5	+69.0	197.9	14	22.5
N.	109.2	120.3	-11.1	90.8	13	43.3
D.	90.2	103.7	-13.5	87.0	12	19.5
A.	977.1	946.5	+30.6	103.2	102	43.3

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			KERU			
	125.0	-	-	-	-	-
	57.5	-	-	-	7	23.0
	148.8	-	-	-	16	20.4
	87.7	-	-	-	10	20.2
	151.8	-	-	-	13	32.4
	3.8	-	-	-	1	3.8
	0.0	-	-	-	0	0.0
	59.0	-	-	-	2	46.0
	99.3	-	-	-	7	33.4
	187.9	-	-	-	13	24.7
	175.9	-	-	-	10	26.0
	119.3	-	-	-	4	39.2
	1216.0	-	-	-	-	-
			KIBUYE(7)			
	122.0	79.3	+42.7	153.8	13	15.0
	53.0	91.9	-38.9	57.7	4	20.0
	72.5	115.5	-43.0	62.8	7	16.5
	119.0	121.7	-2.7	98.8	16	10.0
	63.0	85.6	-22.6	73.6	9	10.0
	45.9*	45.9	-	-	-	-
	6.4	21.3	-14.9	30.0	2	4.9
	43.8	49.9	-6.1	87.8	11	16.8
	84.3	106.7	-22.4	79.0	14	12.4
	73.5	118.6	-45.1	62.0	22	9.4
	96.0*	96.0	-	-	-	-
	121.7*	121.7	-	-	-	-
	901.1+	1054.1	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			KIBUGABUGA-LAC			
	111.9	-	-	-	13	35.8
	25.0	-	-	-	6	16.2
	66.7	-	-	-	17	16.7
	88.3	-	-	-	17	22.0
	205.3	-	-	-	15	51.3
	21.5	-	-	-	2	15.9
	0.0	-	-	-	0	0.0
	33.1	-	-	-	5	16.4
	72.8	-	-	-	12	26.0
	197.0	-	-	-	18	43.5
	77.9	-	-	-	14	32.6
	137.4	-	-	-	23	62.5
	1036.9	-	-	-	142	62.5
			KIGALI(30)			
	106.4	89.7	+16.7	118.7	10	35.6
	50.7	92.1	-41.4	55.0	4	25.7
	49.5	103.0	-53.5	48.1	14	13.5
	60.7	165.3	-104.6	36.7	11	15.9
	179.0	128.3	+50.7	139.5	14	34.8
	0.0	26.4	-26.4	0.0	0	0.0
	0.5	6.5	-6.0	7.7	1	0.5
	30.7	22.1	+8.6	138.9	5	10.7
	117.6	60.5	+57.1	80.6	10	59.8
	248.1	101.8	+146.3	243.7	19	33.5
	101.0*	101.0	-	-	-	-
	89.1*	89.1	-	-	-	-
	1033.3+	985.8	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		KIGEME(7)						KIGINA						KINIGI(8)				
J.	204.7	145.8	+58.9	140.4	23	32.8	75.6	-	-	-	-	-	92.6	108.6	-16.0	85.3	11	53.0
F.	99.7	158.3	-58.6	63.0	8	31.0	55.1	-	-	-	-	-	30.5	134.1	-103.6	22.7	6	11.5
M.	110.9	153.7	-42.8	72.3	12	27.0	63.6	-	-	-	-	-	165.6	194.4	-28.8	85.2	18	26.0
A.	179.9	213.4	-33.5	84.3	20	24.0	79.2	-	-	-	-	-	197.2	255.1	-57.9	77.3	25	19.0
M.	200.0	180.4	+19.6	110.9	13	32.0	164.6	-	-	-	-	-	180.5	198.2	-17.7	91.1	21	23.5
J.	74.1	57.5	+16.6	128.9	5	31.2	7.2	-	-	-	-	-	78.5	59.7	+18.8	131.5	10	32.0
J.	1.2	5.3	-4.1	22.6	1	1.2	0.0	-	-	-	-	-	24.3	28.8	-4.5	84.4	3	15.0
A.	117.1	32.2	+84.9	363.7	11	37.0	12.0	-	-	-	-	-	88.0	71.6	+16.7	122.9	10	23.0
S.	129.0	63.2	+65.8	204.1	11	42.2	63.7	-	-	-	-	-	142.7	107.9	+34.8	132.3	14	20.2
O.	240.5	113.1	+127.4	212.6	23	32.0	96.8	-	-	-	-	-	227.5	156.7	+70.8	145.2	16	42.0
N.	166.4	129.5	+36.9	128.5	18	36.0	38.2	-	-	-	-	-	172.5	153.6	+18.9	112.9	13	22.0
D.	206.6	160.4	+46.2	128.8	22	23.0	169.2	-	-	-	-	-	136.1	148.9	-12.8	91.4	12	29.0
A.	1730.1	1412.8	+317.3	122.5	167	42.2	824.2	-	-	-	-	-	1536.0	1617.6	-81.6	95.0	159	53.0
		KIRAMBO(23)						KIRINDA(30)						KISENYI(GYSENYI)(30)				
J.	102.4*	102.4	-	-	-	-	163.5	112.5	+51.0	145.3	12	30.8	101.7	73.4	+28.3	138.5	14	23.0
F.	46.0	105.1	-59.1	43.8	7	31.0	92.2	120.5	-28.3	9	32.0	32.0	86.5	82.7	+3.8	104.6	10	37.0
M.	167.5	130.3	+37.2	128.5	11	30.0	110.8	123.0	-12.2	90.1	13	31.0	24.0	115.8	-91.8	20.7	7	6.0
A.	120.0	152.0	-32.0	78.9	12	18.0	125.8	197.4	-71.6	13	18.0	31.0	99.5	141.5	-42.0	70.3	15	18.0
M.	146.0	101.6	+44.4	143.7	13	21.0	277.4	153.8	+123.6	180.4	15	115.5	129.5	112.6	+16.9	115.0	15	40.5
J.	20.0	21.9	-1.9	91.3	4	8.0	72.6	29.6	+43.0	245.3	7	33.2	54.0	59.1	-5.1	91.4	8	24.0
J.	4.0	21.2	-17.2	18.9	1	4.0	0.0	12.5	-12.5	0.0	0	0.0	14.0	24.8	-10.8	56.5	3	12.0
A.	0.0	39.5	-39.5	0.0	0	0.0	89.0	33.2	+55.8	268.1	5	32.0	197.0	48.8	+148.2	403.7	15	42.0
S.	114.0	122.7	-8.7	92.9	10	30.0	88.2	107.3	-19.1	83.0	12	15.0	162.0	116.4	+45.6	139.2	17	25.0
O.	172.0	137.0	+35.0	125.5	14	22.0	337.2	96.8	+240.4	348.3	16	62.0	164.0	124.5	+39.5	141.7	25	23.0
N.	177.0	131.2	+45.8	134.1	13	22.0	119.0	112.4	+6.6	105.9	12	37.2	209.0	106.5	+102.5	196.2	17	43.0
D.	94.0	103.1	-9.1	91.2	9	21.0	126.2	118.2	+8.7	107.4	10	39.0	182.0	92.3	+89.7	197.2	14	36.0
A.	1162.9	+1168.0	-	-	-	-	1602.6	1217.2	+385.4	131.7	124	115.3	1423.2	1098.4	+324.8	129.6	160	43.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
LUKUMBERI						
J.	-	-	-	-	-	-
F.	-	-	-	-	-	-
M.	-	-	-	-	-	-
A.	-	-	-	-	-	-
M.	-	-	-	-	-	-
J.	6.4	-	-	-	2	5.6
J.	1.0	-	-	-	1	1.0
A.	28.7	-	-	-	6	17.5
S.	165.3	-	-	-	12	47.3
O.	61.9	-	-	-	15	12.4
N.	165.1	-	-	-	17	28.9
D.	135.1	-	-	-	15	40.2
A.	-	-	-	-	-	-
MBUYE						
J.	126.5	-	-	-	11	30.1
F.	162.5	-	-	-	5	40.9
M.	129.5	-	-	-	14	24.1
A.	82.6	-	-	-	13	12.0
M.	215.7	-	-	-	10	70.6
J.	21.8	-	-	-	4	10.5
J.	0.0	-	-	-	0	0.0
A.	9.6	-	-	-	6	6.3
S.	111.3	-	-	-	15	38.4
O.	120.9	-	-	-	21	27.5
N.	101.2	-	-	-	17	20.3
D.	121.0	-	-	-	27	13.2
A.	1202.6	-	-	-	143	70.6

P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
LUMILA-LAC					
71.6	-	-	-	9	31.6
26.9	-	-	-	6	9.1
51.0	-	-	-	19	10.3
84.9	-	-	-	16	13.7
159.7	-	-	-	13	73.6
18.4	-	-	-	2	12.1
0.0	-	-	-	0	0.0
78.7	-	-	-	4	70.0
63.8	-	-	-	11	28.6
127.7	-	-	-	16	51.7
90.1	-	-	-	14	14.9
144.2	-	-	-	17	29.1
917.0	-	-	-	127	73.6
MUBUGA(22)					
176.0	110.2	+65.8	159.7	15	39.0
50.3	118.4	-68.1	8	8	17.2
144.4	146.7	-2.3	98.4	13	21.8
104.5	191.6	-87.1	54.5	9	26.3
90.0	154.0	-64.0	58.4	8	29.7
78.7	48.7	+31.2	165.7	7	21.4
28.3	18.9	+9.4	149.7	2	25.0
42.0	57.7	-15.7	72.8	5	17.0
86.4	115.5	-29.1	74.8	7	39.0
181.2	131.9	+49.3	137.4	9	43.0
143.0	134.7	+8.3	106.2	10	44.0
63.4	123.7	-60.3	51.2	7	37.0
1188.2	1350.8	-162.6	88.0	100	44.0

P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
MATA(5)					
204.1	148.5	+55.6	137.4	20	55.0
79.6	142.4	-62.8	55.9	8	24.0
200.0	157.5	+42.5	127.0	14	32.0
180.1	209.1	-29.0	86.1	20	34.0
248.1	155.2	+92.9	159.9	14	43.0
91.6	14.4	+77.2	636.1	6	33.9
0.0	4.2	-4.2	0.0	0	0.0
54.5	49.8	+4.7	109.4	11	16.0
101.2	63.9	+37.3	158.4	11	22.2
350.6	138.2	+212.4	253.7	22	66.7
131.3	144.6	-13.3	90.8	10	33.0
92.5	154.6	-62.1	59.8	12	16.5
1733.6	1382.4	+351.2	125.4	148	66.7
MUHERO(5)					
103.5	93.2	+10.3	111.1	18	18.5
42.7	77.0	-34.3	55.5	7	20.2
110.0	111.7	-1.7	98.5	15	16.0
108.0	187.7	-79.7	57.5	13	23.0
191.0	129.1	+61.9	149.9	17	43.0
18.5	12.5	+6.0	146.0	2	13.5
0.0	1.3	-1.3	0.0	0	0.0
26.5	26.6	-0.1	99.6	5	14.5
145.5	40.5	+105.0	359.3	13	37.0
279.5	89.1	+190.4	313.7	16	57.0
71.5	127.0	-55.5	56.3	12	15.1
108.5	115.3	-6.8	94.1	12	31.0
1205.2	1011.0	+194.2	119.2	130	57.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		MULINDI						MUTOVU						MWAGA				
J.	100.9	-	-	-	12	30.0	83.3	-	-	-	13	13.8	-	-	-	-	-	-
F.	56.3	-	-	-	4	27.0	41.8	-	-	-	12	10.0	-	-	-	-	-	-
M.	57.2	-	-	-	9	16.4	214.0	-	-	-	27	24.6	-	-	-	-	-	-
A.	117.1	-	-	-	19	23.5	249.1	-	-	-	26	34.0	265.1	-	-	-	30	17.7
M.	79.6	-	-	-	11	38.5	205.2	-	-	-	21	38.0	225.6	-	-	-	26	38.1
J.	29.8	-	-	-	4	13.2	109.6	-	-	-	16	28.0	121.8	-	-	-	20	26.7
J.	0.0	-	-	-	0	0.0	17.4	-	-	-	5	10.0	50.1	-	-	-	7	10.0
A.	74.8	-	-	-	11	24.0	131.0	-	-	-	18	18.8	110.3	-	-	-	12	12.0
S.	105.3	-	-	-	8	36.5	161.6	-	-	-	17	31.0	121.9	-	-	-	24	10.6
O.	123.0	-	-	-	19	43.2	204.6	-	-	-	24	22.2	221.7	-	-	-	28	27.5
N.	109.6	-	-	-	16	21.5	178.8	-	-	-	22	38.0	203.3	-	-	-	25	22.4
D.	133.1	-	-	-	30	22.7	68.3	-	-	-	22	16.6	118.0	-	-	-	23	17.2
A.	986.7	-	-	-	143	43.2	1664.7	-	-	-	223	38.0	-	-	-	-	-	-
		MWENDO						NEMBA						NGARU				
J.	101.3	-	-	-	-	-	117.1	-	-	-	9	26.2	156.8	-	-	-	19	54.3
F.	12.0	-	-	-	-	-	49.0	-	-	-	9	21.3	58.6	-	-	-	7	20.5
M.	141.4	-	-	-	-	-	73.6	-	-	-	17	22.4	160.5	-	-	-	21	35.5
A.	71.2	-	-	-	-	-	74.5	-	-	-	19	27.6	474.2	-	-	-	23	100.5
M.	213.1	-	-	-	-	-	197.9	-	-	-	14	61.5	155.5	-	-	-	18	45.5
J.	7.4	-	-	-	-	-	7.0	-	-	-	1	7.0	57.5	-	-	-	6	16.5
J.	26.6	-	-	-	-	-	0.0	-	-	-	0	0.0	0.0	-	-	-	0	0.0
A.	42.0	-	-	-	-	-	18.7	-	-	-	6	15.5	50.5	-	-	-	8	22.5
S.	88.1	-	-	-	-	-	59.9	-	-	-	13	13.1	97.0	-	-	-	14	14.5
O.	23.0	-	-	-	-	-	102.8	-	-	-	19	26.3	180.6	-	-	-	21	23.5
N.	53.9	-	-	-	-	-	38.8	-	-	-	17	9.8	149.2	-	-	-	22	22.5
D.	123.8	-	-	-	-	-	173.2	-	-	-	22	39.4	164.4	-	-	-	18	22.5
A.	903.8	-	-	-	-	-	912.5	-	-	-	146	61.5	1704.7	-	-	-	177	100.5

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
	NGOMA(17)						NIABISINDU						NTEBE					
J.	145.8	123.3	+22.5	118.2	17	15.3	167.4	-	-	-	14	65.9	-	-	-	-	-	-
F.	109.0	114.2	-5.2	95.4	10	36.7	111.1	-	-	-	7	43.0	-	-	-	-	-	-
M.	111.8	125.1	-13.3	89.4	12	36.0	77.3	-	-	-	13	21.5	-	-	-	-	-	-
A.	130.9	145.4	-14.5	90.0	16	18.3	116.8	-	-	-	17	30.8	-	-	-	-	-	-
M.	154.7	129.6	+25.1	119.4	14	30.0	187.6	-	-	-	18	40.0	-	-	-	-	-	-
J.	93.5	31.3	+62.2	289.7	7	25.5	17.8	-	-	-	3	10.0	15.2	-	-	-	3	9.1
J.	15.2	27.9	-12.7	54.5	2	13.2	0.0	-	-	-	0	0.0	1.5	-	-	-	1	1.5
A.	130.5	48.0	+82.5	271.9	8	37.0	66.7	-	-	-	9	16.0	33.4	-	-	-	11	12.4
S.	106.2	109.9	-3.7	96.6	13	18.0	96.8	-	-	-	15	51.0	89.8	-	-	-	15	20.4
O.	187.6	132.0	+55.6	142.1	21	37.0	123.5	-	-	-	14	28.0	158.1	-	-	-	22	31.1
N.	131.6	154.3	-22.7	85.3	15	20.5	69.0	-	-	-	12	25.0	77.3	-	-	-	10	20.0
D.	66.7	136.7	-70.0	48.8	8	26.1	170.2	-	-	-	19	52.0	153.2	-	-	-	16	45.4
A.	1383.5	1277.7	+105.8	108.3	143	37.0	1204.2	-	-	-	141	65.9	-	-	-	-	-	-
	NYAGATARE						NYAKIBANDA(23)						NYAMASHEKE(24)					
J.	76.5	-	-	-	12	13.5	201.1	109.1	+92.0	184.3	12	55.0	92.4	106.1	-13.7	87.1	12	26.5
F.	27.5	-	-	-	6	6.0	56.5	125.0	-68.5	45.2	-	-	51.9	111.8	-59.9	46.4	10	8.8
M.	53.0	-	-	-	10	1.5	79.0	147.2	-68.2	53.7	10	19.0	153.9	130.4	+23.5	118.0	16	22.9
A.	98.8	-	-	-	13	27.8	84.8	178.1	-83.3	47.6	10	19.5	174.3	145.8	+28.5	119.5	16	24.0
M.	67.0	-	-	-	-	-	224.5	142.1	+82.4	157.9	13	66.0	100.7	97.6	+3.1	103.2	13	28.0
J.	30.3	-	-	-	4	13.3	19.5	14.1	+5.4	138.3	6	5.0	81.3	35.9	+45.4	226.5	8	28.0
J.	0.0	-	-	-	0	0.0	3.5	10.5	-7.0	33.3	1	3.5	0.9	20.0	-19.1	4.5	1	0.9
A.	44.9	-	-	-	8	13.8	36.9	31.7	+5.2	116.4	8	16.2	107.9	40.6	+67.3	265.8	9	59.0
S.	65.0	-	-	-	11	16.0	114.5	70.0	+44.5	163.7	12	45.0	82.0	123.9	-41.9	66.2	14	13.6
O.	226.5	-	-	-	16	55.0	264.4	112.2	+152.2	200.0	18	128.0	129.2	132.8	-3.6	97.3	17	28.5
N.	152.3	-	-	-	11	34.3	212.8	105.2	+107.6	202.3	18	46.8	103.2	140.2	-37.0	73.6	12	36.5
D.	128.8	-	-	-	19	33.3	179.9	104.7	+75.2	171.8	15	80.7	80.2	101.7	-21.5	78.9	10	20.0
A.	970.6	-	-	-	-	-	1477.4	1149.9	+327.5	128.5	-	-	1157.9	1186.8	-28.9	97.6	138	59.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
	NYAMATA						NYAMIYAGA(23)						NYANZA(30)					
J.	183.2	-	-	-	15	70.4	169.6	90.8	+78.8	186.8	16	35.0	147.9	94.1	+53.8	157.2	20	27.8
F.	83.7	-	-	-	9	52.3	44.0	97.8	-53.8	45.0	8	14.2	61.7	108.0	-46.3	57.1	8	28.8
M.	78.7	-	-	-	19	25.8	120.6	119.8	+0.8	100.7	16	38.7	113.9	121.1	-7.2	94.1	14	23.5
A.	127.8	-	-	-	17	30.6	81.1	178.6	-97.5	45.4	21	24.7	192.1	175.2	+16.7	109.6	19	32.2
M.	113.0	-	-	-	15	52.2	220.9	158.0	+62.9	139.8	17	61.1	189.7	161.6	+28.1	117.4	13	40.5
J.	4.4	-	-	-	1	4.4	20.5	15.9	+4.6	128.9	5	8.8	45.0	21.2	+23.8	212.3	4	25.5
J.	0.4	-	-	-	1	0.4	2.0	7.3	-5.3	28.6	2	1.5	0.0	7.1	-7.1	0.0	0	0.0
A.	23.7	-	-	-	6	12.6	62.2	29.4	+32.8	211.6	7	27.0	64.3	29.7	+36.4	230.5	6	34.0
S.	59.9	-	-	-	13	16.0	156.5	60.7	+95.8	257.8	13	71.3	209.3	62.0	+147.3	337.6	11	53.5
O.	162.9	-	-	-	21	25.2	311.7	81.2	+230.5	341.8	25	74.5	173.0	104.8	+68.2	165.1	12	41.0
N.	181.3	-	-	-	19	39.6	116.1	95.2	+20.9	122.0	12	32.6	105.4	108.9	-3.5	96.8	11	36.0
D.	143.4	-	-	-	21	44.7	121.0	91.9	+29.1	131.7	11	25.0	82.0	101.5	-19.5	80.8	5	30.0
A.	1162.4	-	-	-	157	70.4	1426.2	1036.6	+389.6	137.6	153	74.5	1384.3	1093.4	+290.9	126.6	123	53.5
	NYARUBUYE(15)						RUBONA(30)						RUBUNGO					
J.	118.3	61.5	+57.8	192.4	16	48.1	153.1	108.3	+44.8	141.4	17	34.0	133.0	-	-	-	10	42.0
F.	17.6	74.1	-56.5	23.8	4	9.2	82.2	119.1	-36.9	69.0	9	29.6	34.8	-	-	-	8	13.0
M.	124.3	108.5	+15.8	114.6	22	31.0	106.4	137.6	-31.2	77.3	17	30.0	67.6	-	-	-	10	13.2
A.	126.2	157.4	-31.2	80.2	17	30.8	124.1	182.6	-58.5	68.0	20	22.9	60.6	-	-	-	10	16.4
M.	148.3	82.7	+65.5	179.3	15	49.0	240.2	161.4	+78.8	148.8	17	64.2	137.3	-	-	-	11	29.8
J.	8.6	11.6	-3.0	74.1	4	5.1	37.6	22.6	+15.0	166.4	8	16.8	0.0	-	-	-	0	0.0
J.	0.0	5.5	-5.5	0.0	0	0.0	0.3	6.6	-6.3	4.5	2	0.2	0.0	-	-	-	0	0.0
A.	10.6	10.2	+0.4	103.9	2	8.0	31.6	27.3	+4.3	115.8	8	9.8	54.4	-	-	-	7	22.0
S.	32.5	38.8	-6.3	83.8	7	10.9	192.6	59.8	+132.8	322.1	18	42.2	121.8	-	-	-	11	41.0
O.	180.5	71.3	+109.2	253.2	20	39.3	260.7	101.6	+159.1	256.6	23	89.9	182.2	-	-	-	14	43.7
N.	155.6	96.3	+59.3	161.6	15	46.7	119.8	109.4	+10.4	109.5	18	27.6	115.0	-	-	-	-	-
D.	104.5	114.7	-10.2	91.1	13	23.3	98.6	93.5	+5.1	105.5	16	18.6	67.7	-	-	-	8	24.3
A.	1027.0	832.6	+194.4	123.3	135	49.0	1447.2	1129.8	+317.4	128.1	173	89.9	974.4	-	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		RUHENGERI(20)						RUHUNDE(7)						RUSUMU				
J.	75.7	70.7	+5.0	162.6	12	16.0	120.4	91.6	+28.8	131.4	11	19.6	96.6	-	-	-	8	32.0
F.	107.0	93.1	+13.9	114.9	10	28.4	36.4	134.6	-98.2	23.0	3	31.2	28.0	-	-	-	2	18.0
M.	106.3	142.2	-35.9	74.8	14	36.0	81.4	122.9	-41.5	66.2	6	40.6	274.4	-	-	-	12	85.0
A.	148.7	175.1	-26.4	84.9	19	26.0	136.8	234.0	-97.2	58.5	10	20.4	78.7	-	-	-	9	30.0
M.	141.0	152.3	-11.3	92.6	15	32.4	150.8	129.2	+21.6	116.7	12	20.8	166.8	-	-	-	9	48.0
J.	91.8	50.0	+41.8	183.6	8	32.4	53.8	20.0	+33.8	269.0	5	18.0	11.8	-	-	-	2	7.0
J.	8.0	20.5	-12.5	39.0	2	5.0	0.0	13.4	-13.4	0.0	0	0.0	2.5	-	-	-	1	2.5
A.	49.1	48.4	+0.7	101.4	14	12.0	74.2	49.1	+25.1	151.1	7	16.0	0.0	-	-	-	0	0.0
S.	150.2	107.8	+42.4	139.3	18	37.0	121.4	109.7	+11.7	110.7	9	40.2	29.5	-	-	-	5	11.0
O.	261.6	149.1	+112.5	175.5	27	48.3	141.4	115.1	+26.3	122.8	11	22.6	114.6	-	-	-	15	17.3
N.	192.0	131.4	+60.6	146.1	19	22.0	130.8	93.8	+37.0	139.4	11	19.6	134.4	-	-	-	19	28.4
D.	108.9	95.1	+13.8	114.5	17	16.0	56.4	110.5	-54.1	51.0	7	12.0	166.2	-	-	-	20	29.8
A.	1440.3	1235.7	+204.6	116.6	175	48.3	1103.8	1223.9	-120.1	90.2	92	40.6	1103.5	-	-	-	102	85.0
		RUTONGO						RWAMAGANA(24)						RWANKERI(19)				
J.	120.8	-	-	-	12	39.8	-	56.4	-	-	-	-	51.9	70.0	-18.1	74.1	7	14.8
F.	27.1	-	-	-	4	10.8	-	86.1	-	-	-	-	51.0	100.9	-49.9	50.5	6	19.0
M.	71.8	-	-	-	16	11.0	-	119.8	-	-	-	-	94.0	138.8	-44.8	67.7	11	22.0
A.	66.0	-	-	-	12	11.7	-	168.9	-	-	-	-	99.0	190.4	-91.4	52.0	10	28.0
M.	94.1	-	-	-	13	37.8	-	109.0	-	-	-	-	95.0	165.4	-70.4	57.4	10	21.0
J.	8.5	-	-	-	1	1.5	8.2	12.6	-4.4	65.1	3	5.9	72.0	46.5	+25.5	154.8	6	15.0
J.	0.0	-	-	-	0	0.0	0.0	9.7	-9.7	0.0	0	0.0	0.0	19.9	-19.9	0.0	0	0.0
A.	58.9	-	-	-	7	8.9	61.2	23.0	+38.2	266.1	-	-	122.0	45.4	+76.6	268.7	10	19.0
S.	103.1	-	-	-	11	25.9	56.6	55.2	+1.4	102.5	12	11.1	94.0	119.3	-25.3	78.8	9	30.0
O.	154.7	-	-	-	18	25.4	148.9	88.7	+60.2	167.9	20	33.4	249.0	121.1	+127.9	205.6	19	26.0
N.	107.0	-	-	-	14	55.4	141.9	106.4	+35.5	133.4	17	34.9	142.0	146.4	-4.4	97.0	13	20.0
D.	109.5	-	-	-	11	17.3	118.1	90.3	+27.8	130.8	14	31.5	102.0	89.0	+13.0	114.6	9	15.0
A.	914.5	-	-	-	119	55.4	-	926.1	-	-	-	-	1171.9	1253.1	-81.2	93.5	110	30.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		RWANKUBA						RWERERE-COLLINE						RWERERE-RUGEZI				
J.	196.5	-	-	-	10	62.5	109.4	-	-	-	16	32.1	110.0	-	-	-	20	25.9
F.	142.0	-	-	-	7	60.0	53.7	-	-	-	9	14.8	84.7	-	-	-	10	38.8
M.	99.0	-	-	-	8	34.0	77.2	-	-	-	18	17.3	57.8	-	-	-	23	14.1
A.	168.5	-	-	-	14	20.0	117.5	-	-	-	24	33.6	141.8	-	-	-	25	46.0
M.	138.5	-	-	-	14	19.0	116.0	-	-	-	23	27.0	101.2	-	-	-	25	24.8
J.	13.5	-	-	-	1	13.5	36.7	-	-	-	8	12.2	41.6	-	-	-	15	18.0
J.	0.0	-	-	-	0	0.0	0.3	-	-	-	1	0.3	2.0	-	-	-	6	0.6
A.	36.0	-	-	-	4	20.0	76.4	-	-	-	11	24.1	60.4	-	-	-	13	23.5
S.	137.0	-	-	-	10	42.0	139.5	-	-	-	20	30.6	170.4	-	-	-	22	26.0
O.	189.5	-	-	-	20	20.0	199.9	-	-	-	24	28.9	222.6	-	-	-	22	37.5
N.	199.5	-	-	-	10	71.5	161.2	-	-	-	19	25.9	157.5	-	-	-	21	25.7
D.	138.0	-	-	-	10	42.0	101.9	-	-	-	22	19.5	127.2	-	-	-	27	33.2
A.	1458.0	-	-	-	108	71.5	1189.7	-	-	-	195	33.6	1277.2	-	-	-	229	46.0
		RWINKWAVU						SAVE(21)						TARUKA				
J.	109.0	-	-	-	6	73.5	171.1	103.1	+68.0	166.0	16	31.2	58.7	-	-	-	12	15.2
F.	45.0	-	-	-	-	-	105.3	109.6	-4.3	96.1	7	57.3	59.1	-	-	-	7	31.6
M.	97.2	-	-	-	9	36.2	108.6	140.7	-32.1	77.2	14	34.4	124.9	-	-	-	19	30.8
A.	63.6	-	-	-	16	36.0	158.2	179.6	-21.4	88.1	20	30.6	138.0	-	-	-	20	22.5
M.	133.6	-	-	-	18	46.6	256.1	149.9	+106.2	170.8	16	62.0	160.9	-	-	-	18	59.1
J.	27.6	-	-	-	6	9.5	60.4	27.4	+33.0	220.4	4	34.8	45.3	-	-	-	8	10.0
J.	0.0	-	-	-	0	0.0	0.1	7.9	-7.8	1.2	1	0.1	6.5	-	-	-	1	6.5
A.	48.9	-	-	-	7	24.8	39.7	21.4	+18.3	185.5	7	12.1	74.5	-	-	-	9	16.3
S.	70.7	-	-	-	8	24.2	204.8	63.2	+141.6	324.1	15	63.9	132.2	-	-	-	13	28.2
O.	95.0	-	-	-	14	14.8	242.6	95.5	+147.1	254.0	19	46.4	193.8	-	-	-	21	32.4
N.	53.3	-	-	-	13	14.7	101.6	117.9	-16.3	86.2	17	21.2	136.9	-	-	-	15	21.6
D.	53.2	-	-	-	9	20.5	142.3	86.9	+55.4	163.8	12	68.5	56.5	-	-	-	15	8.5
A.	797.1	-	-	-	-	-	1590.8	1103.1	+487.7	144.2	148	68.5	1187.3	-	-	-	158	59.1

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		TSHOHOHA III-MPIRA						ZAZA(27)				
J.	135.0	-	-	-	-	-	60.2	76.0	-15.8	79.2	31	10.6
F.	20.1	-	-	-	-	-	23.0	87.8	-64.8	26.2	28	7.5
M.	67.6	-	-	-	-	-	233.4	122.2	+111.2	191.0	31	25.6
A.	34.1	-	-	-	-	-	129.2	160.9	-31.7	80.3	29	18.5
M.	140.9	-	-	-	-	-	152.9	114.8	+38.1	133.2	19	41.0
J.	8.1	-	-	-	-	-	14.7	23.2	-8.5	63.4	3	9.6
J.	0.0	-	-	-	-	-	3.7	6.0	-2.3	61.7	1	3.7
A.	23.3	-	-	-	-	-	34.7	17.7	+17.0	196.0	6	10.8
S.	50.4	-	-	-	-	-	128.6	62.9	+65.7	204.5	12	34.3
O.	120.6	-	-	-	-	-	85.0	93.9	-8.9	90.5	16	21.9
N.	79.5	-	-	-	-	-	65.7	141.7	-76.0	46.4	16	19.4
D.	157.8	-	-	-	-	-	117.2	123.9	-6.7	94.6	16	21.2
A.	837.4	-	-	-	-	-	1048.3	1031.0	+17.3	101.7	208	41.0

B. FREQUENCES DES PLUIES JOURNALIERES DE DIVERSES HAUTEURS.

h	ASTRIDA-Mission (BUTARE) J.	%	BIGUTU J.	%	BULENGE-PLATEAU J.	%	BYIMANA J.	%	BYUMBA J.	%
< 5 mm	72	45.3	66	32.8	76	56.3	113	60.1	53	40.2
≥ 5 mm	87	54.7	135	76.2	59	43.7	75	39.9	79	59.8
10 mm	52	32.7	77	38.3	38	28.1	40	21.3	52	39.4
20 mm	25	15.7	38	18.9	19	14.1	23	12.2	19	14.4
30 mm	13	8.2	15	7.5	7	5.2	15	8.0	5	3.8
40 mm	6	3.8	7	3.5	3	2.2	7	3.7	2	1.5
50 mm	4	2.5	2	1.0	1	0.7	3	1.6	1	0.8
60 mm	2	1.3	2	1.0	0	0.0	0	0.0	0	0.0
70 mm	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
80 mm	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
90 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h	CYANIKA		GABIRO		GAHORORO		GASHORA-RWIMONDO		KARAMA-PLATEAU	
< 5 mm	80	45.7	36	41.4	52	46.0	83	60.6	97	66.0
≥ 5 mm	95	54.3	51	58.6	61	54.0	54	39.4	50	34.0
10 mm	60	34.3	31	35.6	38	33.6	27	19.7	27	18.4
20 mm	25	14.3	11	12.6	16	14.2	9	6.6	9	6.1
30 mm	14	8.0	1	1.1	7	6.2	6	4.4	3	2.0
40 mm	5	2.9	0	0.0	5	4.4	2	1.5	3	2.0
50 mm	2	1.1	0	0.0	2	1.8	1	0.7	2	1.4
60 mm	2	1.1	0	0.0	2	1.8	1	0.7	0	0.0
70 mm	2	1.1	0	0.0	2	1.8	0	0.0	0	0.0
80 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	KIBUGABUGA-LAC J.	%	KIBUNGU J.	%	KIGEME J.	%	KINIGI J.	%	KIRINDA J.	%
5 mm	92	65.2	38	37.3	63	38.0	43	27.2	32	26.0
5 mm	49	34.8	64	62.7	103	62.0	115	72.8	91	74.0
10 mm	32	22.7	33	32.4	70	42.2	63	39.9	48	39.0
20 mm	15	10.6	11	10.8	30	18.1	17	10.8	23	18.7
30 mm	9	6.4	5	4.9	8	4.8	4	2.5	12	9.8
40 mm	5	3.5	1	1.0	1	0.6	3	1.9	4	3.3
50 mm	2	1.4	0	0.0	0	0.0	1	0.6	1	0.8
60 mm	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0
70 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	KISENYI(GISENYI) J.	%	MATA J.	%	MUHERO J.	%	NEMBA J.	%	NGOMA J.	%
5 mm	81	51.3	57	38.5	58	44.6	96	65.8	49	34.5
5 mm	77	48.7	91	61.5	72	55.4	50	34.2	93	65.5
10 mm	55	34.8	64	43.2	49	37.7	30	20.5	55	38.7
20 mm	23	14.6	28	18.9	17	13.1	17	11.6	17	12.0
30 mm	7	4.4	14	9.5	10	7.7	2	1.4	6	4.2
40 mm	4	2.5	6	4.1	4	3.1	1	0.7	0	0.0
50 mm	0	0.0	2	1.4	3	2.3	1	0.7	0	0.0
60 mm	0	0.0	1	0.7	1	0.8	1	0.7	0	0.0
70 mm	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0
80 mm	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0
90 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

	NYAMASHEKE		NYAMATA		NYAMIYAGA		NYARUBUYE		RUBONA	
h.	J.	%	J.	%.	J.	%	J.	%	J.	%.
< 5 mm	54	38.6	102	65.0	76	49.0	71	52.6	98	56.6
≥ 5 mm	86	61.4	55	35.0	79	51.0	64	47.4	75	43.4
10 mm	36	25.7	36	22.9	46	29.7	33	24.4	45	26.0
20 mm	13	9.3	14	8.9	22	14.2	12	8.9	19	11.0
30 mm	2	1.4	8	5.1	7	4.5	7	5.2	6	3.5
40 mm	1	0.7	4	2.5	4	2.6	3	2.2	4	2.3
50 mm	1	0.7	4	2.5	3	1.9	0	0.0	3	1.7
60 mm	0	0.0	1	0.6	3	1.9	0	0.0	3	1.7
70 mm	0	0.0	1	0.6	2	1.3	0	0.0	2	1.2
80 mm	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
90 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

	RUHENGERI		RWERERE-COLLINE		RWERERE RUGEZI		RWANKERI		ZAZA	
< 5 mm	73	41.7	115	59.3	151	65.9	14	12.7	131	63.3
≥ 5 mm	102	58.3	79	40.7	78	34.1	96	87.3	76	36.7
10 mm	57	32.6	40	20.6	39	17.0	56	50.9	31	15.0
20 mm	14	8.0	12	6.2	17	7.4	8	7.3	8	3.9
30 mm	5	2.9	3	1.5	7	3.1	1	0.9	2	1.0
40 mm	1	0.6	0	0.0	2	0.9	0	0.0	1	0.5
50 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

C.- INTENSITE DES PRECIPITATIONS.

MAXIMA MENSUELS ET ANNUELS POUR UNE DUREE CONTINUE DE 15',30',45',60' et 120'

		J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
BULENGE-PLATEAU	15'	-	-	-	14.4	8.9	3.4	0.6	18.8	10.7	19.3	7.0	31.2	(31.2)
	30'	-	-	-	21.1	14.1	5.6	0.8	22.2	18.9	28.5	10.1	38.8	(38.8)
	45'	-	-	-	23.3	16.0	7.5	0.8	22.6	19.6	20.0	11.0	45.8	(45.8)
	60'	-	-	-	27.2	21.3	8.6	0.8	23.0	19.7	30.7	11.2	46.8	(46.8)
	120'	-	-	-	36.0	26.4	9.8	0.8	23.0	20.2	32.0	11.2	47.7	(47.7)
GASHORA-NYIMONDO	15'	-	-	-	6.1	10.6	0.2	0.2	17.5	3.7	20.0	14.4	14.4	(20.0)
	30'	-	-	-	7.9	17.1	3.7	0.2	23.3	4.9	30.0	16.3	18.6	(30.0)
	45'	-	-	-	8.1	20.7	5.3	0.2	26.9	5.3	34.7	16.5	21.5	(34.7)
	60'	-	-	-	8.1	22.7	6.1	0.2	28.6	6.9	35.4	16.6	22.6	(35.4)
	120'	-	-	-	8.1	30.2	7.3	0.2	32.7	9.0	37.3	18.7	22.8	(37.3)
KARAMA-PLATEAU	15'	-	-	-	10.0	14.7	1.4	2.1	5.8	11.0	6.6	12.9	13.0	(14.7)
	30'	-	-	-	17.0	20.6	2.4	3.5	8.6	16.3	11.7	15.6	15.6	(20.6)
	45'	-	-	-	20.5	22.8	3.3	3.5	9.4	20.1	15.0	18.3	15.9	(22.8)
	60'	-	-	-	21.5	26.2	3.9	3.5	9.6	22.2	16.6	18.3	15.9	(26.2)
	120'	-	-	-	23.2	34.0	4.4	3.5	9.7	24.5	17.9	18.3	16.7	(34.0)
KIBUGABUGA--LAC	15'	-	-	-	12.5	14.4	5.0	0.0	4.5	23.3	27.7	20.4	19.0	(27.7)
	30'	-	-	-	16.3	22.8	5.5	0.0	7.0	25.7	37.7	23.7	23.7	(37.7)
	45'	-	-	-	18.9	25.6	5.7	0.0	8.2	25.8	38.0	24.5	36.6	(38.0)
	60'	-	-	-	20.4	26.7	6.8	0.0	9.0	25.8	38.3	24.5	39.9	(39.9)
	120'	-	-	-	21.4	30.9	9.5	0.0	11.2	25.8	40.8	24.5	44.3	(44.3)

		J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
NEMBA	15'	-	-	-	10.1	11.8	0.8	0.0	8.5	6.4	13.3	3.8	27.9	(27.9)
	30'	-	-	-	11.9	15.8	1.3	0.0	9.3	10.4	21.4	5.0	33.4	(33.4)
	45'	-	-	-	13.8	22.3	1.5	0.0	9.9	12.0	25.1	5.5	35.7	(35.7)
	60'	-	-	-	15.0	25.4	1.7	0.0	10.1	12.2	25.5	6.9	37.7	(37.7)
	120'	-	-	-	25.9	25.8	2.9	0.0	10.4	12.2	26.3	9.3	39.4	(39.4)
NYAMATA	15'	-	-	-	18.0	10.0	0.9	0.4	3.1	9.2	14.5	20.2	18.2	(20.2)
	30'	-	-	-	24.6	14.8	1.6	0.4	5.5	13.6	17.8	27.3	19.5	(27.3)
	45'	-	-	-	28.1	17.6	1.9	0.4	6.9	14.5	19.4	29.5	22.8	(29.5)
	60'	-	-	-	28.5	17.9	2.3	0.4	7.4	15.1	20.3	30.1	27.3	(30.1)
	120'	-	-	-	30.4	22.2	2.9	0.4	9.3	15.9	21.6	33.6	31.0	(33.6)
RUBONA	15'	9.6	21.6	57.4	11.9	19.2	2.8	0.0	2.7	16.4	26.0	14.2	9.2	57.4
	30'	15.8	34.3	46.3	12.7	34.1	5.1	0.0	4.5	31.4	39.6	19.7	13.5	46.3
	45'	16.0	32.6	35.1	10.3	38.3	6.1	0.0	5.7	43.4	61.2	15.0	9.5	61.2
	60'	18.8	33.7	33.6	11.3	40.3	6.9	0.0	8.0	46.2	70.0	16.8	9.9	70.0
	120'	23.7	20.5	34.2	11.3	14.7	6.9	0.0	8.0	53.0	85.0	22.6	5.5	85.0

III.- L A T E M P E R A T U R E D E L'A I R.

(EN DEGRES CENTIGRADES)

A. TEMPERATURES EXTREMES ET MOYENNES.

Lettres et signes convetionnels.

$\bar{T}_M$ = moyenne mensuelle ou annuelle de la température maximum journalière.

$\bar{T}_m$ = moyenne mensuelle ou annuelle de la température minimum journalière.

$\bar{T}_{/\!/}$ = moyenne mensuelle ou annuelle de la température moyenne journalière $\frac{(T_M + T_m)}{2}$

$\bar{T}_{/\!/} - (\bar{T}_{/\!/})_N$ = écart de $T_{/\!/}$ à la normale(normale = moyenne de référence calculée sur la période 1950-1961).

T_A = température maximum absolue mensuelle ou annuelle.

T_a = température minimum absolue mensuelle ou annuelle.

* = il s'agit d'une moyenne mensuelle de référence (trois au maximum par station).

\+ = il s'agit d'une moyenne annuelle tenant compte de moyennes mensuelles de référence.

B. VARIATIONS MOYENNES HORAIRES DE LA TEMPERATURE ET MOYENNES VRAIES.

C. TEMPERATURES MINIMA AU-DESSUS DU GAZON.

Lettres conventionnelles.

$\bar{T}_{mg}$ = moyenne mensuelle ou annuelle de la température minimum au-dessus du gazon.

T_{ag} = température minimum absolue mensuelle ou annuelle au-dessus du gazon.

A. TEMPERATURES EXTREMES ET MOYENNES.

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(T_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(T_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(T_{/})_N$	T_A	T_a
	ASTRIDA-MISSION(BUTARE)(5)						ASTRIDA T.S.F.(BUTARE)(9)						BULENGE-LAC					
J.	25.2	13.8	19.5	-1.1	27.5	11.0	23.2	14.3	18.7	-1.3	25.7	12.6	27.5	15.8	21.7	-	30.5	13.0
F.	26.6	14.9	20.7	+0.4	29.5	13.0	25.0	15.1	20.1	+0.4	27.6	14.3	30.7	15.7	23.2	-	33.5	14.0
M.	25.6	14.2	19.9	-0.3	28.5	12.3	23.9	14.4	19.1	-0.5	25.8	12.5	28.9	15.6	22.3	-	32.5	13.5
A.	25.2	15.2	20.2	+0.3	28.4	12.7	23.4	15.1	19.3	0.0	25.4	13.5	27.8	16.3	22.1	-	32.5	14.0
M.	23.9	14.6	19.3	-0.8	27.5	13.5	23.6	14.7	19.1	-0.1	25.0	13.3	26.4	16.5	21.5	-	28.5	14.5
J.	25.9	14.5	20.2	+0.2	29.5	12.5	23.2	14.2	18.7	-0.2	25.5	12.3	27.5	15.0	21.3	-	30.0	12.5
J.	26.2	13.8	20.0	0.0	29.4	11.3	-	-	19.0*	-	-	-	28.5	14.3	21.4	-	32.0	11.5
A.	26.4	14.6	20.5	-0.4	30.0	12.5	-	-	19.8*	-	-	-	28.3	15.8	22.1	-	32.5	11.0
S.	26.6	14.4	20.5	-0.4	29.5	13.0	24.2	14.7	19.5	-0.3	26.8	13.3	28.7	16.0	22.3	-	31.5	14.5
O.	-	-	20.3*	-	-	-	23.7	14.7	19.2	-0.5	25.9	13.3	27.3	16.5	21.9	-	29.5	12.0
N.	24.8	14.1	19.5	+0.4	27.5	12.5	27.7	14.5	19.1	-0.2	26.0	13.0	27.9	14.9	21.4	-	29.5	14.0
D.	26.3	14.6	20.5	+0.5	29.2	13.0	-	-	19.5*	-	-	-	27.2	16.1	21.7	-	29.6	14.5
A.	-	-	20.1+	-	-	-	-	-	19.3+	-	-	-	28.1	15.7	21.9	-	33.5	11.0
	BULENGE-PLATEAU						BYIMANA						BYUMBA					
J.	25.5	15.8	20.6	-	30.2	13.4	23.3	13.4	18.3	-	25.7	11.5	-	-	-	-	-	-
F.	27.6	14.8	21.2	-	29.9	12.9	25.3	12.5	18.9	-	27.5	11.0	-	-	-	-	-	-
M.	26.0	14.8	20.4	-	28.9	12.5	24.0	12.6	18.4	-	26.7	10.5	-	-	-	-	-	-
A.	25.9	15.5	20.7	-	28.7	12.6	23.8	13.4	18.6	-	26.9	11.2	20.7	16.4	18.5	-	22.0	14.9
M.	25.5	15.3	20.4	-	28.2	12.8	22.9	13.3	18.1	-	25.5	10.6	20.1	9.6	14.9	-	23.0	7.6
J.	26.6	14.2	20.4	-	29.0	10.7	23.7	11.7	17.7	-	26.1	8.7	21.2	10.3	15.7	-	23.5	8.2
J.	27.6	13.2	20.4	-	30.0	10.1	24.5	10.9	17.7	-	26.8	7.6	21.8	11.4	16.6	-	23.2	10.2
A.	27.0	15.3	21.2	-	31.0	10.2	24.0	12.6	18.3	-	28.0	7.1	21.3	11.7	16.5	-	26.4	9.6
S.	27.9	15.5	21.7	-	30.0	13.9	24.6	12.6	18.6	-	26.8	10.5	21.2	11.1	16.1	-	23.0	9.5
O.	26.5	15.7	21.0	-	29.3	14.0	23.8	13.3	18.5	-	25.4	11.5	20.8	10.8	15.8	-	23.0	9.5
N.	26.3	15.0	20.7	-	28.6	13.0	24.2	12.9	18.5	-	26.7	10.3	19.9	10.2	15.1	-	20.5	10.0
D.	26.4	15.2	20.8	-	28.2	13.6	24.1	12.6	18.3	-	25.8	10.5	19.8	10.3	15.1	-	20.5	9.0
A.	26.6	15.0	20.8	-	31.0	10.1	24.0	12.6	18.3	-	28.0	7.1	-	-	-	-	-	-

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(\bar{T})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(\bar{T})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(\bar{T})_N$	T_A	T_a
	GABIRO(7)						GAHANGA						GASHORA-RWIMONDO					
J.	24.6	15.2	19.9	-1.1	27.2	12.6	26.4	13.7	20.1	-	28.0	11.0	25.5	16.7	21.1	-	28.6	14.8
F.	27.3	15.0	21.1	+0.3	29.6	13.6	27.9	11.9	19.9	-	30.0	10.0	25.7	15.8	21.7	-	29.7	14.2
M.	25.2	14.6	19.9	-0.8	29.4	12.4	26.8	13.4	20.1	-	29.5	11.0	26.2	15.4	20.8	-	29.4	13.6
A.	25.8	15.3	20.5	-0.1	28.6	14.0	27.4	13.7	20.5	-	29.5	11.5	26.4	16.1	21.3	-	29.4	14.2
M.	25.2	15.3	20.2	-0.5	27.9	14.0	26.3	14.7	20.5	-	28.5	12.0	25.7	16.5	21.1	-	27.9	14.8
J.	26.0	14.6	20.3	-0.3	29.4	12.8	26.6	12.3	19.5	-	28.0	11.0	26.4	15.7	21.1	-	28.6	12.6
J.	27.1	14.7	20.9	-0.2	29.6	12.2	27.0	9.4	18.2	-	29.9	7.5	27.2	13.3	20.3	-	29.4	11.3
A.	25.6	15.7	20.7	-1.3	28.6	13.6	-	-	-	-	-	-	27.0	14.3	20.7	-	30.2	10.2
S.	26.1	15.3	20.7	-0.9	27.4	13.6	28.3	12.8	20.5	-	30.3	9.2	28.1	14.0	21.1	-	29.6	12.4
O.	25.7	15.2	20.5	-0.5	29.0	13.4	-	-	-	-	-	-	26.6	14.1	20.3	-	30.5	12.6
N.	25.5	15.2	20.3	-0.6	27.8	13.0	25.4	14.2	19.8	-	29.1	13.0	26.8	15.2	21.0	-	29.6	13.4
D.	25.1	14.8	19.9	-0.5	27.0	14.0	27.0	14.3	20.7	-	28.7	11.7	26.4	16.0	21.2	-	28.6	14.8
A.	25.8	15.1	20.5	-0.4	29.6	12.2	-	-	-	-	-	-	26.5	15.3	20.9	-	30.5	10.2
	KARAMA-PLATEAU						KERU						KIBUGABUGA-LAC					
J.	25.3	14.6	20.0	-	28.3	12.5	-	-	-	-	-	-	26.1	15.5	20.8	-	30.9	12.7
F.	28.0	13.7	20.9	-	30.5	11.8	27.9	13.7	20.8	-	30.0	8.0	28.4	13.9	21.1	-	30.5	12.0
M.	26.2	13.8	20.0	-	29.0	11.6	28.0	13.6	20.8	-	30.0	12.0	26.9	13.8	20.3	-	29.7	11.4
A.	26.4	14.6	20.5	-	28.9	12.6	26.5	14.1	20.3	-	29.0	10.5	27.1	14.1	20.6	-	31.0	12.3
J.	26.1	14.6	20.4	-	28.1	12.4	26.1	14.9	20.5	-	28.0	13.0	26.2	13.9	20.1	-	28.8	10.1
J.	26.9	13.4	20.2	-	29.3	10.2	27.5	13.8	20.7	-	29.5	11.0	27.0	12.5	19.7	-	29.7	8.6
J.	27.9	12.5	20.2	-	29.9	9.5	28.7	12.7	20.7	-	30.0	10.0	27.9	10.5	19.2	-	30.1	6.8
A.	27.4	14.5	21.0	-	31.1	10.6	27.9	14.4	21.1	-	31.0	10.0	27.6	14.2	20.7	-	31.4	7.5
S.	27.9	14.9	21.4	-	29.9	13.1	28.1	14.2	21.1	-	30.0	12.0	28.7	14.4	21.6	-	30.4	11.4
O.	27.0	14.8	20.9	-	29.3	13.3	27.4	13.9	20.7	-	29.0	12.0	28.0	15.7	21.8	-	30.1	12.2
N.	26.8	14.2	20.5	-	30.2	12.3	27.2	13.4	20.3	-	29.0	11.0	26.8	14.3	20.5	-	29.0	11.8
D.	26.5	14.5	20.5	-	28.1	13.0	27.4	13.4	20.4	-	28.5	12.0	27.1	14.6	20.8	-	29.1	12.1
A.	26.9	14.2	20.5	-	31.1	9.5	-	-	-	-	-	-	27.3	13.9	20.6	-	31.4	6.8

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(T_{\cdot})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(T_{\cdot})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}$	$\bar{T}-(T_{\cdot})_N$	T_A	T_a
			KIGALI(9)						KIGEME						KINIGI(7)			
J.	25.0	15.1	20.1	-0.5	28.2	10.2	20.1	10.9	15.0	-	22.0	10.0	20.2	9.6	14.9	-0.1	22.6	7.6
F.	27.0	14.1	20.5	-0.2	29.4	11.9	21.4	11.0	16.2	-	22.2	10.0	22.2	8.5	15.3	-0.1	23.6	6.0
M.	25.4	14.1	19.7	-0.9	28.6	11.6	21.6	10.7	16.1	-	23.0	9.5	21.0	8.2	14.6	-0.5	23.0	7.0
A.	25.5	14.5	20.0	-0.1	28.8	12.8	21.0	11.4	16.2	-	23.5	9.4	20.2	8.9	14.5	-0.5	22.6	6.0
M.	24.7	15.0	19.9	-0.1	27.0	10.8	20.7	10.8	15.7	-	23.2	9.0	19.6	9.5	14.5	-0.6	21.6	7.6
J.	25.8	14.2	20.0	-1.2	28.3	11.2	21.2	10.7	15.9	-	23.4	9.2	20.1	8.6	14.3	0.0	23.0	5.0
J.	26.6	13.5	20.1	-0.2	29.2	11.3	23.0	10.5	16.7	-	25.4	8.2	20.0	7.9	13.9	-0.3	22.6	5.0
A.	25.7	14.1	19.9	-1.4	28.6	10.4	22.7	11.0	16.9	-	26.4	9.0	20.0	9.3	14.7	-0.3	23.0	5.0
S.	26.9	14.8	20.9	-0.4	28.4	12.7	22.5	11.8	17.1	-	25.2	10.6	21.2	9.7	15.5	+0.5	25.0	7.0
O.	26.1	14.9	20.5	-0.5	28.8	13.2	21.4	11.8	16.6	-	23.7	11.3	20.3	10.0	15.1	-0.1	22.0	8.6
N.	25.8	14.8	20.3	-0.1	27.9	11.8	21.0	12.0	16.5	-	23.5	10.0	20.4	10.3	15.3	+0.5	22.6	9.0
D.	25.1	15.0	20.1	-0.3	27.5	13.4	20.4	11.9	16.1	-	22.3	10.9	19.7	9.7	14.7	-0.4	22.0	9.0
A.	25.8	14.5	20.1	-0.5	29.4	10.2	21.4	11.2	16.3	-	26.4	8.2	20.4	9.2	14.8	-0.1	25.0	5.0
			NEMBA						NYAMATA						NYAMIYAGA(8)			
J.	24.6	15.1	19.9	-	26.9	13.0	25.2	14.6	19.9	-	27.9	12.0	24.2	15.1	19.7	-0.6	26.0	14.0
F.	26.5	15.4	20.9	-	29.2	13.8	25.7	12.9	20.1	-	29.6	10.8	25.4	15.1	20.3	+0.2	27.0	14.0
M.	24.5	14.9	19.7	-	27.2	13.1	25.7	13.1	19.4	-	28.9	9.6	25.2	14.9	20.1	+0.1	27.0	13.4
A.	25.0	16.1	20.5	-	27.5	14.5	26.0	14.0	20.0	-	29.2	10.6	26.0	16.2	21.2	+1.7	27.4	13.0
M.	24.1	15.6	19.9	-	26.5	14.6	25.4	14.5	19.9	-	27.8	11.5	23.9	15.2	19.5	0.0	26.0	14.0
J.	25.9	13.3	20.5	-	29.0	13.3	26.7	13.0	19.9	-	29.2	10.6	25.9	16.0	20.9	+1.5	26.2	13.0
J.	26.4	15.0	20.7	-	28.9	12.4	27.7	11.9	19.8	-	30.4	9.0	25.6	14.7	20.1	+0.4	28.6	13.0
A.	25.7	15.7	20.7	-	29.1	13.4	27.0	14.2	20.6	-	30.6	9.4	26.6	15.3	20.9	+0.1	28.5	14.0
S.	26.5	15.7	21.1	-	28.3	14.0	27.5	14.0	20.8	-	29.3	6.2	26.6	16.1	21.3	+0.5	27.5	14.0
O.	26.5	15.4	20.5	-	28.3	14.5	26.7	14.3	20.5	-	29.5	12.0	25.2	15.1	20.1	-0.3	27.0	13.5
N.	25.2	15.3	20.3	-	27.8	13.2	26.9	13.8	19.9	-	28.6	11.5	25.9	16.1	21.0	+0.4	27.0	13.5
D.	24.5	15.0	19.8	-	26.0	13.4	25.9	13.8	19.9	-	28.0	11.5	24.9	13.2	19.1	-0.7	26.0	10.0
A.	25.4	15.2	20.3	-	29.1	12.4	26.4	13.7	20.1	-	30.6	6.2	25.4	15.2	20.3	+0.3	28.6	10.0

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a
	RUBONA (12)						RUHENGERI						RWERERE-COLLINE					
J.	23.1	14.2	18.7	-0.7	25.4	12.0	23.2	8.9	16.1	-	27.0	6.5	18.8	11.3	15.1	-	21.1	10.3
F.	25.3	13.6	19.5	+0.3	27.3	12.0	25.5	10.3	17.9	-	27.5	8.0	20.6	11.5	16.1	-	22.9	9.0
M.	24.2	13.4	18.8	-0.5	26.3	11.5	24.2	10.2	17.2	-	26.5	10.2	19.5	11.4	15.5	-	21.9	10.4
A.	23.8	13.9	18.9	-0.3	25.8	11.1	24.1	9.1	16.6	-	26.0	7.0	19.8	11.6	15.7	-	22.2	10.3
M.	22.9	14.0	18.5	-0.6	25.1	12.3	24.1	8.0	16.1	-	29.5	5.5	18.9	11.3	15.1	-	20.7	9.7
J.	23.9	13.2	18.5	-0.1	25.9	9.8	23.8	9.4	16.6	-	28.0	6.0	19.2	10.6	14.9	-	22.1	8.6
J.	25.1	12.4	18.7	-0.3	27.8	9.4	24.3	10.5	17.4	-	28.5	7.5	20.3	10.3	15.3	-	22.0	8.1
A.	24.7	14.1	19.4	-0.6	27.8	10.0	23.7	9.7	16.7	-	28.5	6.5	19.6	10.9	15.3	-	23.6	9.0
S.	25.1	13.8	19.5	-0.6	27.6	12.0	23.8	9.7	16.7	-	27.0	6.5	19.8	11.4	15.6	-	22.1	10.2
O.	24.1	13.8	19.0	-0.7	26.1	12.4	23.9	10.1	17.0	-	26.5	8.0	19.4	11.0	15.2	-	21.6	9.6
N.	23.8	13.8	18.8	-0.3	25.4	12.4	24.5	10.1	17.3	-	27.0	8.0	19.7	11.3	15.7	-	21.8	9.8
D.	24.1	13.9	19.0	-0.2	25.6	12.1	24.4	10.8	17.6	-	26.5	8.0	19.5	11.1	15.8	-	20.7	9.6
A.	24.2	13.7	19.0	-0.3	27.8	9.4	24.1	9.7	16.9	-	29.5	5.5	19.6	11.1	15.4	-	23.6	8.1
	RWERERE-RUGEZI																	
J.	21.3	8.1	14.7	-	23.7	4.5												
F.	23.2	5.1	14.1	-	24.6	2.6												
M.	21.8	6.6	14.2	-	24.5	3.2												
A.	22.4	7.9	15.1	-	24.3	3.6												
M.	21.5	9.2	15.3	-	23.2	5.3												
J.	21.5	6.6	14.1	-	24.6	3.1												
J.	22.3	4.1	13.7	-	23.8	0.7												
A.	21.7	6.2	13.9	-	23.7	0.2												
S.	22.2	7.4	14.8	-	24.1	3.0												
O.	22.2	8.3	15.3	-	24.5	4.5												
N.	22.6	8.3	15.5	-	24.7	5.5												
D.	22.2	7.3	14.7	-	23.7	4.7												
A.	22.1	7.1	14.6	-	24.7	0.2												

B. VARIATIONS MOYENNES HORAIRES DE LA TEMPERATURE ET MOYENNES VRAIES.

KARAMA-PLATEAU

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	15.7	16.3	17.8	19.5	20.9	22.2	23.0	23.5	23.8	23.6	23.6	22.4	20.9
F.	14.9	15.6	17.7	20.1	22.3	24.0	25.3	25.7	25.9	25.5	25.3	24.5	22.4
M.	14.9	15.8	17.4	19.5	21.2	22.4	23.1	23.4	23.0	23.1	22.5	22.1	20.2
A.	15.8	16.6	18.2	20.0	21.6	22.9	23.9	24.3	24.0	24.3	24.1	23.4	22.0
M.	15.8	16.5	18.3	20.3	21.7	23.1	23.7	24.0	24.3	24.3	23.9	22.3	21.1
J.	14.6	15.7	18.1	20.9	22.5	23.4	24.3	25.0	25.6	25.7	25.4	24.7	22.5
J.	13.8	14.3	17.3	20.5	21.8	24.0	25.1	26.1	26.5	26.7	26.4	25.3	23.1
A.	15.7	16.1	18.0	20.8	22.5	23.6	24.7	25.4	25.9	25.8	25.4	24.5	22.7
S.	15.9	16.8	18.8	21.0	22.8	24.3	25.4	25.8	25.3	24.8	24.4	23.1	21.5
O.	16.0	18.6	19.0	21.1	22.8	24.1	24.3	24.3	23.9	23.5	22.8	21.7	20.3
N.	15.6	16.9	18.7	20.7	22.4	23.5	24.5	24.7	24.0	23.7	23.2	22.3	20.3
D.	15.8	16.4	18.3	20.4	22.2	23.5	23.9	24.2	24.1	23.1	22.5	21.9	20.4
A.	15.4	16.3	18.1	20.4	22.1	23.4	24.3	24.7	24.7	24.5	24.1	23.2	21.4

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	19.5	18.9	18.5	18.0	17.5	17.2	16.8	16.5	16.1	15.8	15.7	20.8	17.5	19.2
F.	20.5	19.5	19.0	18.3	17.7	17.1	16.8	16.3	15.9	15.4	15.2	22.5	17.5	20.0
M.	18.8	18.3	17.8	17.3	16.8	16.5	16.1	15.8	15.4	15.2	15.0	20.9	16.7	18.8
A.	19.8	19.1	18.9	18.3	17.8	17.3	16.9	16.6	16.3	16.0	15.9	21.1	17.1	19.1
M.	19.7	19.1	18.6	18.0	17.5	17.2	16.8	16.5	16.2	15.9	15.8	21.9	17.5	19.7
J.	20.5	19.5	18.9	18.1	17.6	16.6	15.4	15.5	15.0	14.7	14.3	22.6	17.1	19.9
J.	21.2	20.1	19.2	14.7	17.7	17.2	16.5	15.7	15.4	14.7	14.3	22.7	17.1	19.9
A.	21.6	19.9	19.7	19.1	18.6	18.1	17.7	17.2	16.7	16.3	16.0	22.7	18.3	20.5
S.	20.4	19.8	19.3	18.9	18.5	17.9	17.5	17.0	16.7	16.4	16.2	22.6	18.1	20.4
O.	19.5	19.0	18.6	18.4	18.0	17.6	17.3	16.9	16.6	16.3	16.1	22.1	17.7	19.9
N.	19.5	19.0	18.6	17.7	17.6	17.3	16.8	16.5	16.2	16.0	15.7	21.9	17.4	19.7
D.	19.3	18.8	18.3	17.9	17.4	17.1	16.8	16.8	16.1	16.8	15.8	21.5	17.4	19.5
A.	20.0	19.2	18.8	17.9	17.7	17.3	16.8	16.4	16.0	15.8	15.5	21.9	17.4	19.7

RUBONA

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	15.1	15.6	16.7	18.4	19.9	20.6	21.3	21.4	21.4	21.4	20.7	19.8	18.5	
F.	14.7	14.8	16.5	19.2	21.2	22.4	23.5	23.9	23.8	23.6	22.7	21.7	20.2	
M.	14.2	14.8	16.7	19.1	20.8	21.4	21.7	21.6	21.8	21.1	20.8	20.1	18.7	
A.	14.8	15.3	16.8	18.7	20.0	20.9	21.7	21.8	21.7	21.6	21.0	19.9	18.6	
M.	14.9	15.1	16.9	18.3	19.3	20.0	20.6	21.3	21.3	21.1	20.8	20.1	18.4	
J.	14.1	14.9	16.8	18.9	20.2	20.9	21.6	22.1	22.4	22.5	22.1	20.9	19.5	
J.	13.4	14.1	16.1	18.7	20.6	21.9	22.6	23.5	23.9	23.9	23.5	22.3	20.4	
A.	14.8	15.0	16.5	18.4	19.2	20.2	22.1	22.7	23.2	22.7	22.1	21.3	19.9	
S.	14.8	15.3	17.1	19.4	20.5	21.6	22.8	23.3	23.1	22.2	21.0	20.2	18.1	
O.	14.6	15.4	17.3	19.4	20.9	21.6	22.1	22.3	22.1	20.9	20.0	19.2	17.8	
N.	14.6	15.5	17.4	19.7	21.0	21.9	22.0	21.9	21.8	21.1	20.5	19.5	18.2	
D.	14.6	15.1	17.0	19.5	21.1	21.9	22.0	22.0	21.9	21.1	20.3	19.5	18.1	
A.	14.8	15.1	16.8	19.0	20.4	21.3	22.0	22.3	22.4	21.9	21.3	20.4	18.9	

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	17.7	17.4	17.1	17.0	16.6	16.3	15.9	15.6	15.3	15.2	15.0	19.5	16.3	17.9
F.	19.0	18.6	18.4	17.9	17.5	17.1	16.6	16.0	15.5	15.3	15.0	20.9	17.0	18.9
M.	17.7	17.3	17.2	16.9	16.4	16.1	15.9	15.4	15.1	14.8	14.6	19.7	16.1	17.9
A.	17.9	17.7	17.6	17.3	16.9	16.5	16.1	15.8	15.3	15.1	15.0	19.7	16.5	18.1
M.	17.8	17.5	16.6	16.2	15.8	15.3	15.0	14.9	14.8	14.6	14.5	19.3	15.8	17.1
J.	18.9	18.4	17.8	17.3	16.7	16.2	15.8	15.3	14.8	14.5	14.2	20.0	16.4	18.2
J.	19.6	19.0	18.4	17.5	17.0	16.4	16.0	15.4	14.7	14.3	13.8	20.7	16.6	18.7
A.	19.2	18.8	18.5	17.7	17.1	16.8	16.3	15.9	15.5	14.9	14.9	20.1	16.9	18.5
S.	18.0	17.7	17.5	17.1	16.6	16.1	15.7	15.3	15.0	14.7	14.6	20.2	16.2	18.2
O.	16.9	16.7	16.5	16.4	16.0	15.6	15.3	15.0	14.8	14.6	14.5	19.8	15.7	17.7
N.	17.6	17.3	17.0	16.7	16.3	15.8	15.4	15.0	14.8	14.6	14.5	19.9	15.9	17.9
D.	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.2	15.0	14.8	14.6	19.8	15.9	17.9
A.	18.1	17.8	17.4	17.0	16.6	16.2	15.8	15.4	15.0	14.8	14.6	20.0	16.3	18.1

RWERERE-COLLINE

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	12.6	13.0	14.1	15.3	15.6	16.0	16.7	16.7	16.7	16.3	15.8	15.2	14.4
F.	13.2	13.3	14.6	16.3	17.9	18.3	17.5	18.4	18.5	18.5	17.4	16.9	15.1
M.	12.8	13.1	14.7	15.9	16.6	16.9	17.3	17.0	16.5	16.8	16.1	15.6	14.5
A.	12.9	13.3	14.2	15.5	16.3	16.9	17.1	17.3	17.3	17.2	16.2	15.9	14.6
M.	12.1	12.6	13.5	14.7	15.6	16.0	16.5	16.4	16.9	16.7	16.3	15.3	14.1
J.	11.6	12.0	13.4	15.0	16.1	16.5	16.3	16.9	17.2	17.2	17.0	16.1	14.8
J.	11.3	11.5	12.6	14.7	16.0	16.9	17.7	17.9	18.4	18.8	18.1	17.3	15.6
A.	12.3	12.5	13.6	14.8	16.0	16.5	16.8	17.0	17.3	17.3	16.8	16.0	14.7
S.	13.0	13.3	14.6	16.3	16.9	16.9	17.1	17.2	17.2	16.9	16.6	15.7	14.1
O.	12.9	13.5	14.9	16.6	17.3	17.2	17.2	17.2	16.8	15.9	15.2	14.5	13.3
N.	13.0	13.9	15.4	16.6	17.5	17.7	17.7	17.8	17.8	16.8	15.9	14.9	14.1
D.	12.6	13.3	14.9	16.3	17.0	17.4	17.6	17.5	17.4	16.5	15.8	14.9	13.9
A.	12.5	12.9	14.2	15.7	16.6	16.9	17.1	17.3	17.3	17.1	16.4	15.7	14.4

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	13.7	13.6	13.6	13.2	13.2	13.0	12.8	12.7	12.7	12.7	12.6	15.4	13.1	14.3
F.	14.8	14.3	14.1	13.8	13.5	13.3	13.2	13.1	13.1	13.0	13.0	16.8	13.6	15.2
M.	13.7	13.5	13.5	13.3	13.2	13.0	12.8	12.7	12.5	12.5	12.5	15.8	13.1	14.5
A.	14.0	13.8	13.8	13.6	13.4	13.3	13.3	13.1	13.1	12.9	12.8	15.9	13.4	14.6
M.	13.8	13.5	13.5	13.3	13.1	12.9	12.6	12.4	12.2	12.2	12.1	15.3	12.9	14.1
J.	13.7	13.6	13.6	13.3	13.0	12.7	12.5	12.2	12.0	11.8	11.6	15.6	12.8	14.2
J.	14.9	14.7	14.4	14.1	13.6	13.2	12.7	12.3	11.8	11.4	11.3	16.1	13.1	14.6
A.	14.1	13.9	13.7	13.4	13.2	13.0	12.8	12.6	12.5	12.3	12.2	15.7	13.1	14.4
S.	13.7	13.4	13.2	13.0	12.9	12.8	12.7	12.7	12.7	12.7	12.7	16.1	13.0	14.6
O.	13.2	12.9	12.9	12.8	12.7	12.6	12.5	12.4	12.4	12.4	12.5	15.8	12.7	14.3
N.	13.5	13.2	12.9	12.8	12.7	12.7	12.8	12.8	12.7	12.8	12.8	16.3	12.9	14.6
D.	13.4	12.9	12.7	12.5	12.5	11.5	12.5	12.5	12.5	12.5	12.5	16.0	12.7	14.4
A.	13.9	13.6	13.5	13.3	13.1	12.9	12.8	12.6	12.5	12.4	12.4	15.9	13.0	14.5

C. TEMPERATURES MINIMA AU-DESSUS DU GAZON.

MOIS	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}
	BULENGE-PLATEAU		GABIRO		GASHORA-RWIMONDO		KARAMA-PLATEAU		KIBUGABUGA-LAC		NEMBA	
J.	14.3	11.4	13.1	8.3	16.6	14.7	12.9	9.2	14.2	12.2	13.4	10.2
F.	12.7	10.6	12.7	9.4	15.2	13.6	10.2	7.7	12.5	10.0	12.2	8.8
M.	13.3	11.1	13.3	11.4	14.1	11.8	11.3	9.2	12.9	10.4	12.4	9.0
A.	14.0	11.3	13.4	11.8	15.2	13.1	12.0	9.2	13.0	12.0	13.0	10.7
M.	14.0	10.0	14.1	12.0	16.0	14.6	12.4	8.3	13.3	9.8	13.3	10.5
J.	11.8	9.0	12.2	10.2	15.3	11.4	10.1	6.5	10.4	6.3	11.7	9.2
J.	9.7	6.2	12.3	9.4	12.2	10.0	7.8	4.1	8.0	4.8	11.1	9.1
A.	12.3	6.3	13.7	9.6	12.9	8.4	10.8	4.2	11.7	4.3	12.8	8.7
S.	12.9	10.4	13.4	11.2	12.8	10.8	11.4	8.3	12.0	8.4	12.9	11.0
O.	14.0	11.9	13.5	10.0	13.4	10.8	11.9	7.8	13.6	10.6	13.1	10.9
N.	13.1	10.6	13.4	10.8	13.8	10.7	11.2	7.9	12.2	9.1	13.0	10.3
D.	13.8	11.5	12.6	11.0	15.4	12.4	11.9	4.9	12.8	9.7	13.0	11.0
A.	13.0	6.2	13.1	8.3	14.4	8.4	11.2	4.1	12.2	4.3	12.7	8.7
	NYAMATA		RUBONA		RWERERE-COLLINE		RWERERE-RUGEZI					
J.	13.6	11.0	11.6	6.9	7.7	2.5	5.4	-0.2				
F.	11.5	8.9	10.3	7.0	6.2	2.7	2.2	-1.6				
M.	12.0	8.6	10.9	8.6	6.2	3.5	3.7	0.2				
A.	12.8	9.6	12.3	10.0	7.6	4.4	5.1	0.6				
M.	13.6	9.9	12.2	9.5	8.5	4.5	6.3	1.8				
J.	10.6	7.0	10.8	8.2	6.6	3.5	3.4	0.2				
J.	9.3	5.7	8.5	5.4	5.8	2.8	1.7	-2.8				
A.	12.1	5.8	10.5	4.6	7.0	3.8	2.7	-3.9				
S.	12.5	9.7	10.8	7.6	8.0	3.5	4.3	-0.2				
O.	13.3	9.5	11.5	10.0	7.5	4.6	5.3	1.4				
N.	12.7	9.7	11.7	8.2	6.6	2.8	4.9	-0.2				
D.	12.7	10.8	11.5	9.2	5.5	2.0	4.3	1.4				
A.	12.2	5.7	11.0	4.6	6.9	2.0	4.1	-3.9				

IV.- LA TEMPERATURE DU SOL NU.

(EN DEGRES CENTIGRADES)

A. TEMPERATURES MOYENNES A 10,20 et 50 CM DE PROFONDEUR A 06.00,09.00,15.00 ET 18.00H., TEMPS LOCAL MOYEN.

Lettres conventionnelles.

$\bar{T}_{10}$ = moyenne mensuelle ou annuelle de la température du sol à 10 cm de profondeur.

$\bar{T}_{20}$ = moyenne mensuelle ou annuelle de la température du sol nu à 20 cm de profondeur.

$\bar{T}_{50}$ = moyenne mensuelle ou annuelle de la température du sol nu à 50 cm de profondeur.

B. EXTREMES DE LA TEMPERATURE A 10 ET A 20 CM DE PROFONDEUR.

Lettres conventionnelles.

$\bar{T}_{A10}$ = moyenne mensuelle ou annuelle de la température maximum journalière à 10 cm de profondeur.

$\bar{T}_{A20}$ = moyenne mensuelle ou annuelle de la température maximum journalière à 20 cm de profondeur.

$\bar{T}_{a10}$ = moyenne mensuelle ou annuelle de la température minimum journalière à 10 cm de profondeur.

$\bar{T}_{a20}$ = moyenne mensuelle ou annuelle de la température minimum journalière à 20 cm de profondeur.

T_{A10} = température maximum absolue mensuelle ou annuelle à 10 cm de profondeur.

T_{A20} = température maximum absolue mensuelle ou annuelle à 20 cm de profondeur.

T_{a10} = température minimum absolue mensuelle ou annuelle à 10 cm de profondeur.

T_{a20} = température minimum absolue mensuelle ou annuelle à 20 cm de profondeur.

A. TEMPERATURES MOYENNES A 10,20 ET 50 CM DE PROFONDEUR A 06.00;09.00,12000,15.00 ET 18.00H.,TEMPS LOCAL MOYEN.

MOIS	$\bar{T}_{10}$	$\bar{T}_{20}$ 06.00	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$ 09.00	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$ 12.00	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$ 15.00	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$ 18.00	$\bar{T}_{50}$
KARAMA-PLATEAU															
J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	21.1	23.2	24.6	21.7	22.8	24.7	23.3	23.4	24.7	28.7	25.2	24.7	28.5	26.4	24.5
M.	21.1	23.0	24.5	21.6	22.7	24.5	25.5	23.4	25.0	28.5	25.0	24.5	28.0	26.0	24.4
J.	22.5	25.0	26.2	23.0	24.4	26.3	27.3	25.0	26.4	31.3	26.9	26.3	30.6	28.2	26.1
J.	21.7	23.4	25.6	21.9	23.7	25.2	26.5	24.2	25.8	30.8	26.2	25.7	30.1	27.4	25.5
A.	22.2	24.4	25.7	22.3	23.9	25.8	26.2	24.3	25.9	29.8	26.0	25.7	29.3	27.1	25.6
S.	21.3	23.5	25.0	21.7	23.1	24.7	26.4	23.8	25.1	29.9	25.8	25.0	28.5	26.8	24.8
O.	21.5	23.8	25.4	22.7	23.4	25.5	27.3	26.0	25.5	30.1	26.4	25.4	28.4	27.1	25.3
N.	21.0	23.2	24.9	21.9	22.8	25.0	26.7	23.8	25.0	29.7	25.9	24.9	28.2	26.7	24.7
D.	20.9	23.0	24.8	21.8	22.7	24.9	26.3	23.6	24.8	29.1	25.5	24.8	27.5	26.3	24.6
A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUBONA															
J.	18.7	20.0	21.8	19.6	19.9	21.7	23.9	21.5	21.6	26.1	23.3	22.1	24.4	23.9	21.9
F.	20.8	22.3	24.1	21.3	22.0	24.0	26.3	23.8	24.0	29.6	26.3	24.1	27.8	26.9	24.2
M.	19.3	20.9	23.0	20.3	20.7	22.9	25.1	22.6	22.9	27.3	24.8	22.9	25.8	25.2	23.1
A.	18.7	20.2	22.2	19.8	20.0	22.1	23.9	21.8	22.3	26.6	23.9	22.2	24.8	24.2	22.3
M.	18.6	19.8	21.6	19.5	19.7	21.5	22.9	21.1	21.5	25.6	23.0	21.5	24.0	23.5	21.6
J.	18.6	20.2	-	20.2	20.8	-	24.0	22.1	-	26.5	23.6	-	25.3	24.0	-
J.	20.1	21.5	23.1	20.6	21.2	23.0	24.5	22.6	23.1	27.7	25.2	23.1	26.5	24.6	22.4
A.	19.8	21.1	22.8	20.1	20.8	22.7	23.7	22.0	22.7	26.3	23.8	22.7	25.3	24.5	22.7
S.	18.7	20.2	22.1	19.7	20.0	22.0	24.8	22.0	22.0	26.9	24.2	22.0	23.7	23.3	21.5
O.	18.4	19.9	21.9	19.8	19.9	21.8	24.6	22.7	21.8	26.6	24.7	21.9	23.9	23.8	22.0
N.	18.9	20.4	22.6	20.4	20.4	22.5	25.6	22.8	22.5	27.3	24.9	22.6	25.0	24.7	22.7
D.	19.4	20.9	23.3	20.5	20.8	22.9	25.5	23.0	22.8	27.4	25.1	22.9	25.5	25.1	23.1
A.	19.2	20.6	-	20.1	20.5	-	24.6	22.3	-	27.0	24.4	-	25.2	24.5	-

B. EXTREMES DE LA TEMPERATURE A 10 ET 20 CM DE PROFONDEUR.

MOIS	$\bar{T}_{A10}$	$\bar{T}_{A20}$	$\bar{T}_{a10}$	$\bar{T}_{a20}$	T_{A10}	T_{A20}	T_{a10}	T_{a20}
			RUBONA					
J.	26.6	24.0	18.6	19.8	31.6	28.2	17.0	17.6
F.	29.8	27.0	20.5	22.0	32.3	28.9	18.0	19.8
M.	27.9	25.5	19.0	20.6	32.0	28.4	16.8	18.5
A.	27.1	24.5	18.5	20.0	31.9	28.0	16.6	18.4
M.	25.8	23.5	18.4	19.6	30.1	26.9	17.2	18.7
J.	26.9	24.6	19.1	20.7	30.0	27.1	16.1	17.8
J.	27.9	25.5	19.8	21.2	29.9	27.0	18.2	19.7
A.	26.7	24.5	19.5	20.8	30.2	26.8	15.9	18.3
S.	27.8	24.6	18.5	20.0	30.6	26.7	16.2	17.9
O.	27.4	24.1	18.1	19.5	30.8	27.7	15.7	16.4
N.	28.3	25.2	18.8	20.3	31.6	27.7	16.8	18.5
D.	28.5	25.4	19.3	20.7	31.2	27.7	17.3	19.0
A.	27.5	24.9	19.0	20.4	32.3	28.9	15.7	16.4

V.- L'HUMIDITE DE L'AIR.

A. HUMIDITES MOYENNES A 06.00,09.00,12.00,15.00 ET 18.00H.,TEMPS LOCAL MOYEN, ET HUMIDITES MOYENNES JOURNALIERES.

Lettres conventionnelles.

$\bar{T}$ = moyenne mensuelle ou annuelle de la température du thermomètre sec à l'heure h.

$\bar{e}$ = moyenne mensuelle ou annuelle de la tension de vapeur en millibars à l'heur h. ou journalière J.

$\Delta\bar{e}$ = moyenne mensuelle ou annuelle du déficit de saturation en millibars à l'heure h. ou journalière J.

$\bar{U}$ = moyenne mensuelle ou annuelle de l'humidité relative en pour cent à l'heure h. ou journalière J.

J = moyenne journalière calculée sur les heures d'éclairement: $J = \frac{1}{2}\left(\frac{06.00 + 18.00}{2} + 12.00\right)$.

B. VARIATIONS MOYENNES HORAIRES DES CARACTERISTIQUES DE L'HUMIDITE DE L'AIR.

a - Tension de vapeur d'eau en millibars.
b - Humidité relative en pour cent.
c - Déficit de saturation en millibars.

A. HUMIDITES MOYENNES A 06.00, 09.00, 12.00, 15.00 ET 18.00 H., TEMPS LOCAL MOYEN, ET HUMIDITES MOYENNES JOURNALIERES.

BULENGE-PLATEAU

MOIS	06.00 $\bar{T}$	06.00 $\bar{e}$	06.00 $\Delta\bar{e}$	06.00 $\bar{U}$	09.00 $\bar{T}$	09.00 $\bar{e}$	09.00 $\Delta\bar{e}$	09.00 $\bar{U}$	12.00 $\bar{T}$	12.00 $\bar{e}$	12.00 $\Delta\bar{e}$	12.00 $\bar{U}$	15.00 $\bar{T}$	15.00 $\bar{e}$	15.00 $\Delta\bar{e}$	15.00 $\bar{U}$
J.	16.4	17.4	1.3	93	19.6	18.8	4.1	83	22.9	18.7	9.4	68	23.5	18.0	11.3	63
F.	15.5	16.6	1.2	93	19.8	18.7	4.5	81	24.8	18.7	12.8	60	25.8	18.0	14.9	56
M.	15.5	16.9	0.8	95	19.4	19.3	3.2	86	22.7	19.5	8.9	72	22.8	19.2	9.2	70
A.	16.2	17.7	0.9	96	19.5	19.3	3.4	86	23.2	18.9	8.5	67	23.5	18.5	11.0	65
M.	15.9	17.3	0.9	95	19.7	18.7	4.3	82	23.3	17.9	10.8	63	23.7	17.8	11.8	62
J.	14.8	15.9	1.0	95	20.0	17.1	6.4	73	23.9	15.9	13.9	54	25.4	15.2	17.5	48
J.	13.8	14.1	1.7	90	19.9	14.7	8.7	64	24.7	12.9	18.4	41	26.6	12.2	22.9	31
A.	15.8	15.9	2.3	88	20.5	15.4	8.8	64	24.2	13.7	16.8	46	25.4	13.5	19.4	42
S.	16.0	17.0	1.3	93	21.0	16.8	8.1	68	25.1	15.1	17.0	48	25.3	15.0	17.5	47
O.	16.1	17.5	0.9	95	21.0	18.3	6.8	74	24.2	17.1	13.3	58	23.6	16.9	12.7	60
N.	15.7	17.1	0.9	95	20.3	18.7	5.6	78	23.9	18.0	11.8	62	24.0	17.6	12.7	60
D.	16.0	17.6	0.7	97	20.8	19.3	5.2	79	23.3	18.3	10.7	64	22.8	18.2	10.0	67
A.	15.6	16.7	1.2	94	20.1	17.9	5.8	76	23.8	17.1	12.7	59	24.4	16.7	14.2	56

MOIS	18.00 $\bar{T}$	18.00 $\bar{e}$	18.00 $\Delta\bar{e}$	18.00 $\bar{U}$	J. $\bar{T}$	J. $\bar{e}$	J. $\bar{U}$
J.	21.1	18.5	6.7	74	18.3	6.7	71
F.	22.4	17.5	9.9	65	17.9	9.2	70
M.	20.7	19.4	5.5	79	18.8	6.1	80
A.	21.3	19.1	7.1	74	18.7	6.3	76
M.	21.2	18.3	6.8	74	17.9	7.4	74
J.	22.3	15.5	11.7	58	15.8	10.2	66
J.	23.4	12.9	16.1	45	13.2	13.7	54
A.	22.6	14.4	13.3	54	14.5	12.3	59
S.	21.7	16.6	10.3	63	15.9	11.4	63
O.	19.9	17.5	6.1	76	17.3	8.4	71
N.	20.1	17.8	6.1	76	17.7	7.7	73
D.	19.9	18.6	4.9	80	18.2	7.7	77
A.	21.4	17.2	8.7	68	17.0	8.9	69

GABIRO

MOIS	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū
		06.00				09.00				12.00				15.00		
J.	15.9	16.7	1.5	91	19.3	18.4	4.2	82	22.2	18.1	8.8	68	22.5	17.7	9.8	66
F.	15.9	15.5	2.7	82	20.3	17.5	6.5	73	24.3	16.4	14.6	55	27.6	17.1	13.6	58
M.	15.4	16.4	1.1	93	19.2	18.2	4.2	82	21.5	17.7	8.5	70	22.7	18.1	9.9	60
A.	15.9	16.9	1.1	93	19.4	19.1	3.6	84	22.3	18.3	9.1	68	23.8	18.6	11.2	63
M.	15.8	16.8	1.2	93	20.0	18.4	4.8	80	23.0	17.7	10.6	63	23.1	18.8	10.0	66
J.	15.3	13.2	2.3	87	20.0	17.0	5.8	75	23.7	15.9	13.7	55	24.3	16.9	12.8	58
J.	15.4	14.2	3.6	80	20.4	15.6	8.5	65	24.5	14.1	17.3	47	25.9	15.4	14.9	56
A.	16.3	15.8	2.8	85	19.7	16.7	6.1	73	23.4	15.7	13.0	55	24.1	17.9	12.5	60
S.	16.3	16.8	1.7	91	20.4	18.8	5.4	78	24.0	17.4	12.5	58	29.6	19.1	9.3	68
O.	16.3	17.1	1.2	97	20.7	19.6	4.9	80	23.6	18.4	10.9	61	22.2	19.2	8.2	71
N.	16.1	16.9	1.5	92	20.5	19.7	4.7	82	23.2	18.5	10.1	65	23.1	19.1	9.3	69
D.	15.6	16.6	1.1	94	20.0	19.1	4.0	83	22.7	18.6	9.1	68	22.8	19.8	8.2	72
A.	15.8	16.1	1.8	90	20.0	18.2	5.2	78	23.2	17.2	11.5	61	24.3	18.1	10.8	64
		18.00					J.									
J.	20.3	17.4	6.6	74		17.6	6.5	75								
F.	22.3	15.4	11.8	57		15.9	10.9	62								
M.	20.5	17.6	6.7	76		17.3	6.2	77								
A.	20.5	17.8	6.4	74		17.8	6.4	75								
M.	19.9	17.5	5.8	73		17.4	7.1	73								
J.	21.1	16.2	9.0	65		15.3	9.7	65								
J.	22.3	15.4	15.4	56		14.5	13.4	57								
A.	21.5	15.9	10.1	63		15.8	9.7	65								
S.	20.3	16.5	6.9	73		17.1	8.4	70								
O.	19.4	17.0	4.8	80		17.7	6.9	75								
N.	20.0	17.8	5.7	77		17.9	5.8	75								
D.	20.0	17.7	5.3	81		17.9	6.1	77								
A.	20.7	16.8	7.9	71		16.8	8.1	70								

GASHORA

MOIS	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū
		06.00				09.00				12.00				15.00		
J.	17.2	18.7	0.9	95	19.5	19.3	3.5	85	22.9	18.9	9.2	68	23.8	19.0	10.9	66
F.	16.2	17.8	0.6	96	19.1	18.7	3.5	84	24.6	18.3	12.7	59	25.7	17.7	15.6	55
M.	15.9	17.7	0.5	97	19.1	15.9	3.3	86	23.2	18.2	10.9	65	23.6	18.3	11.4	65
A.	16.8	18.4	0.8	96	20.1	19.9	3.9	85	24.0	19.7	10.9	65	24.5	19.2	12.2	63
M.	17.1	18.6	0.9	96	19.8	19.0	3.9	82	23.4	18.6	9.4	64	24.6	18.5	12.7	61
J.	16.2	17.3	1.2	94	18.9	17.6	4.4	81	23.4	16.8	11.1	59	25.7	16.0	17.2	50
J.	14.0	14.7	0.8	96	18.2	16.3	4.0	79	23.9	14.7	15.6	49	26.7	14.4	20.8	41
A.	15.5	16.9	0.9	98	19.1	17.6	4.2	81	24.1	15.6	14.7	52	25.7	15.4	17.8	47
S.	15.1	16.7	0.6	97	19.2	18.7	3.7	84	24.8	17.5	14.0	56	25.5	16.8	16.3	53
O.	15.7	17.3	0.5	97	20.1	19.3	4.3	82	25.2	18.4	13.7	58	24.2	18.3	12.6	62
N.	16.4	18.1	0.7	97	20.1	19.4	4.4	85	24.5	19.4	11.6	64	24.4	18.6	12.4	62
D.	16.8	18.6	0.7	97	19.8	19.5	3.9	84	23.8	19.1	10.7	65	23.6	18.9	10.9	66
A.	16.1	17.6	0.8	96	19.4	18.4	3.9	83	24.0	17.9	12.0	60	24.8	17.6	14.2	58
		18.00				J.										
J.	21.6	20.0	5.9	78		19.2	6.2	77								
F.	23.4	20.1	8.9	71		18.7	10.4	71								
M.	20.9	19.5	5.5	79		18.4	7.0	77								
A.	21.9	20.8	5.6	79		19.7	7.1	76								
M.	22.3	20.7	6.5	77		19.2	6.6	75								
J.	24.2	18.9	11.5	63		17.5	8.8	69								
J.	23.8	17.8	12.5	60		15.5	11.2	64								
A.	22.5	17.9	10.1	65		16.9	10.4	67								
S.	21.9	18.6	8.0	71		17.6	9.2	70								
O.	20.7	19.0	5.7	79		18.3	8.4	73								
N.	20.6	19.8	4.8	81		19.1	7.1	77								
D.	20.8	20.6	4.1	84		19.3	6.5	78								
A.	22.0	19.5	7.4	74		18.3	8.2	73								

KARAMA-PLATEAU

MOIS	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$
	06.00				09.00				12.00				15.00			
J.	15.7	17.3	0.7	96	19.5	19.1	3.7	84	23.0	18.5	8.8	68	23.8	18.0	12.2	62
F.	14.9	16.3	0.8	95	20.1	18.8	4.9	80	25.3	17.0	15.0	54	25.5	17.0	15.7	53
M.	14.9	16.7	0.5	97	19.5	19.2	3.6	85	23.1	17.8	10.8	64	23.1	18.1	10.6	66
A.	15.8	17.4	0.6	96	20.0	19.6	3.9	84	23.9	19.0	10.9	65	24.3	18.7	11.6	63
M.	15.8	17.3	0.8	95	20.3	18.6	5.3	78	23.7	18.2	11.3	62	24.3	17.7	12.5	59
J.	14.6	15.4	1.5	91	20.9	16.7	8.1	68	24.3	15.8	14.7	50	25.7	15.1	18.2	47
J.	13.8	13.4	2.5	84	20.5	14.4	9.9	59	25.1	12.9	18.7	42	26.7	12.4	22.8	35
A.	15.7	15.2	2.8	85	20.8	15.2	9.5	62	24.7	13.9	17.2	45	25.8	13.7	19.8	42
S.	15.9	16.6	1.6	91	21.0	17.2	7.5	70	25.4	15.5	17.0	48	24.8	15.7	16.1	52
O.	16.0	17.1	1.0	94	21.1	18.6	6.6	74	24.3	17.5	13.5	57	23.5	17.3	12.2	62
N.	15.6	16.9	0.8	95	20.7	18.7	5.9	77	24.5	17.7	13.2	59	23.7	17.5	12.1	61
D.	15.8	17.5	0.5	97	20.4	19.1	4.7	81	23.1	18.4	11.5	63	23.1	18.0	10.8	65
A.	15.4	16.4	1.2	93	20.4	17.9	6.1	75	24.2	16.8	13.6	56	24.5	16.6	14.5	56

	18.00				J.		
J.	20.9	18.5	6.4	76	18.2	8.3	77
F.	22.4	17.9	9.7	65	17.3	10.1	67
M.	20.2	18.3	5.4	78	17.7	6.9	75
A.	22.0	18.8	6.5	75	18.5	7.4	75
M.	21.1	18.3	6.9	74	18.0	7.6	73
J.	22.5	15.9	11.5	59	15.8	10.6	63
J.	23.1	13.4	15.0	47	13.2	13.3	54
A.	22.7	14.7	13.3	54	15.0	12.6	57
S.	21.5	16.8	8.9	67	16.1	11.2	64
O.	20.3	17.8	6.3	75	17.5	8.6	71
N.	20.3	18.0	6.0	76	17.6	8.3	72
D.	20.4	18.6	5.4	78	18.3	7.2	75
A.	21.4	17.2	8.4	69	16.9	9.3	69

KIBUGABUGA-LAC

MOIS	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū
	06.00				09.00				12.00				15.00			
J.	16.3	17.5	1.2	94	19.5	18.9	3.8	83	23.3	19.0	9.8	65	24.5	19.0	12.3	63
F.	15.4	16.3	1.3	93	19.2	18.5	4.9	79	25.9	17.8	15.7	54	26.7	16.8	18.7	49
M.	15.1	16.3	1.0	94	19.6	18.7	4.3	82	23.7	17.8	11.9	61	24.2	17.9	12.9	60
A.	15.8	17.0	1.1	95	20.5	19.2	5.0	77	24.5	18.7	12.3	62	25.1	18.3	13.9	59
M.	16.0	16.9	1.5	92	20.1	19.1	4.3	81	23.9	19.1	10.6	65	24.7	19.1	12.3	62
J.	13.4	14.9	0.9	95	19.4	17.2	5.6	78	24.6	15.8	14.9	52	26.0	15.6	17.7	48
J.	11.5	12.8	1.0	94	19.5	15.5	7.1	69	25.8	13.2	20.2	40	27.0	13.2	22.6	37
A.	15.1	15.5	2.0	89	20.7	15.7	8.9	65	25.3	14.2	18.2	45	26.2	13.9	20.5	42
S.	15.3	16.3	1.3	93	21.8	16.7	9.0	67	26.5	15.4	19.4	45	26.1	15.3	19.2	46
O.	16.0	17.4	0.9	95	21.3	18.5	6.9	73	25.2	17.6	14.7	56	24.1	17.6	12.7	59
N.	15.2	16.8	0.6	97	20.7	18.7	6.0	77	24.6	18.2	13.0	60	24.7	17.8	13.7	59
D.	15.5	17.1	0.7	97	20.4	19.0	5.1	80	24.3	18.2	12.5	61	23.5	17.7	11.9	62
A.	15.0	16.2	1.1	94	20.2	18.0	5.9	76	24.8	17.1	14.4	55	25.2	16.8	15.7	54
	18.00				J.											
J.	21.4	19.7	6.0	77		18.8	9.4	75								
F.	23.3	18.3	10.5	64		17.6	10.8	66								
M.	21.9	18.3	8.2	71		17.6	8.3	74								
A.	22.0	19.0	8.1	71		18.4	8.5	73								
M.	21.8	19.3	6.9	74		18.6	7.4	74								
J.	22.6	16.5	10.3	63		16.5	10.3	66								
J.	23.0	14.1	14.3	50		13.4	13.9	56								
A.	23.1	15.0	13.5	54		14.8	13.0	59								
S.	22.1	16.6	10.5	63		16.0	12.6	62								
O.	20.5	18.8	5.9	77		17.7	9.1	71								
N.	20.6	18.5	5.9	77		17.9	8.1	73								
D.	20.8	19.0	5.8	78		18.1	7.9	74								
A.	21.9	17.7	8.8	68		17.1	9.9	69								

NEMBA

MOIS	T	ē	Δ ē	Ū	T	ē	Δ ē	Ū	T	ē	Δ ē	Ū	T	ē	Δ ē	Ū
		06.00				09.00				12.00				15.00		
J.	15.8	16.2	1.5	90	18.4	17.1	4.2	81	21.2	17.3	8.2	69	22.0	16.6	10.3	65
F.	16.0	15.6	2.8	85	18.8	16.8	5.1	78	23.2	16.4	12.2	58	23.9	15.3	14.7	53
M.	15.7	15.9	2.1	89	18.3	17.5	3.8	83	21.2	16.9	8.7	68	21.3	16.6	9.3	67
A.	16.3	17.7	0.8	96	18.9	19.1	2.8	88	22.4	19.1	8.1	71	22.8	18.4	9.8	65
M.	15.8	17.0	1.0	95	18.6	17.7	4.4	82	21.7	17.4	8.8	69	22.3	17.0	10.0	64
J.	16.0	15.1	2.8	85	22.6	15.7	7.2	70	22.8	15.1	12.9	55	23.9	14.3	15.6	49
J.	15.5	13.0	4.7	74	19.4	13.3	9.2	60	23.7	12.6	16.9	43	25.1	12.1	20.0	38
A.	16.4	14.4	4.4	77	19.6	14.3	8.6	63	23.0	13.6	14.6	49	23.9	13.3	16.7	46
S.	16.4	15.7	3.1	84	19.7	16.5	6.6	73	23.8	15.3	14.3	53	23.6	15.1	14.5	53
O.	16.2	16.8	1.0	92	19.9	17.9	5.5	77	23.3	17.1	11.7	60	22.1	16.7	10.3	64
N.	16.0	16.7	1.6	42	19.6	18.9	4.1	83	22.7	18.9	8.9	69	22.6	18.0	9.8	67
D.	16.1	17.3	1.0	95	19.5	19.2	3.7	84	22.0	18.6	8.1	71	21.5	17.9	8.0	71
A.	16.0	15.9	2.2	88	19.4	17.0	5.4	77	22.6	16.5	11.1	61	22.9	15.9	12.4	58

		18.00				J.		
J.	19.2	16.7	5.7	76	16.9	5.9	76	
F.	20.2	15.2	9.3	60	15.9	9.2	66	
M.	19.3	16.4	6.5	74	16.6	6.5	75	
A.	20.2	18.2	5.2	79	18.0	5.6	80	
M.	18.9	16.7	5.5	74	16.9	6.1	77	
J.	20.9	14.8	10.1	61	15.0	9.7	64	
J.	22.2	12.5	14.4	47	12.7	9.6	52	
A.	21.0	13.5	12.7	53	14.6	11.5	62	
S.	20.5	15.7	8.7	66	15.5	10.1	64	
O.	18.9	17.0	5.1	79	17.0	7.4	73	
N.	19.3	17.9	4.7	81	18.1	6.0	78	
D.	18.9	18.3	3.7	84	18.2	5.2	80	
A.	20.0	16.1	7.6	69	16.3	7.7	71	

NYAMATA

MOIS	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū	T̄	ē	Δ ē	Ū
		06.00				09.00				12.00				15.00		
J.	15.4	16.7	1.0	95	19.0	19.3	2.8	88	23.1	19.9	8.6	71	23.9	19.1	10.8	65
F.	13.9	15.4	0.8	96	19.0	18.4	3.5	85	24.6	20.0	11.7	65	25.4	18.9	14.2	58
M.	13.9	15.4	0.7	96	19.1	18.2	4.2	83	22.6	17.8	10.0	66	22.7	17.5	10.4	65
A.	14.8	16.4	0.6	96	19.9	18.9	4.4	82	23.4	17.9	11.1	63	23.9	17.5	12.6	60
M.	15.1	16.6	0.7	96	19.6	18.6	4.4	81	23.1	18.1	10.3	64	23.7	17.9	11.7	62
J.	14.2	14.8	1.5	92	19.6	16.0	7.0	70	24.2	15.0	15.5	50	25.4	14.2	18.5	46
J.	13.1	12.8	2.3	86	19.7	13.2	10.3	56	25.1	11.9	20.0	38	26.5	11.5	23.4	33
A.	15.1	14.7	3.0	84	20.1	14.6	9.2	63	24.7	13.1	18.3	43	25.4	13.0	19.7	41
S.	14.8	15.7	1.5	92	20.7	16.4	8.3	68	25.2	14.7	17.6	46	25.0	14.3	17.6	46
O.	15.1	16.3	1.0	95	20.9	17.8	7.0	72	24.7	16.6	14.7	54	23.2	16.6	12.4	59
N.	14.7	16.0	0.9	95	20.4	18.1	6.0	76	23.5	17.5	11.7	61	23.6	17.4	12.1	61
D	14.5	15.9	0.8	96	20.2	18.4	5.0	78	23.8	17.8	11.4	62	23.0	17.7	11.8	64
A.	14.5	15.6	1.2	93	19.8	17.3	6.0	75	25.0	17.7	14.4	67	25.3	17.3	15.6	65
		18.00				J.										
J.	20.6	19.5	5.1	80		19.0	5.9	80								
E.	22.2	18.9	8.4	70		18.6	8.2	74								
M.	20.3	18.0	6.0	76		17.3	6.7	76								
A.	20.7	18.4	6.3	76		17.7	7.3	75								
M.	20.5	18.3	5.9	77		17.8	6.8	76								
J.	21.2	15.2	10.1	61		15.0	10.7	64								
J.	22.5	12.5	14.9	47		12.3	14.3	53								
A.	22.6	13.7	14.0	51		13.7	13.4	56								
S.	21.1	15.7	9.8	63		15.2	11.6	62								
O.	19.9	17.5	6.0	76		16.7	9.1	69								
N.	19.6	17.8	5.2	78		17.2	7.4	74								
D.	19.8	18.4	5.2	79		17.5	7.2	75								
A	20.9	18.0	9.0	79		16.5	9.0	70								

RUBONA

MOIS	T	e	Δ e	U	T	e	Δ e	U	T	e	Δ e	U	T	e	Δ e	U
		06.00				09.00				12.00				15.00		
J.	15.1	15.8	1.5	91	18.4	17.1	4.3	81	21.3	17.1	8.4	68	21.4	16.6	9.1	66
F.	14.7	14.9	1.9	88	19.2	16.6	5.9	74	23.5	16.3	12.8	57	23.6	15.2	14.3	53
M.	14.2	15.2	1.3	92	19.1	17.0	5.4	76	21.7	16.9	9.3	65	21.1	16.3	9.3	66
A.	14.8	15.9	1.1	93	18.7	17.1	4.3	80	21.7	17.6	8.4	68	21.6	16.8	9.3	66
M.	14.9	15.6	1.6	90	18.3	16.4	4.8	77	20.6	16.5	7.8	68	21.1	16.4	8.9	65
J.	14.1	14.0	2.3	85	18.9	15.2	6.8	69	21.6	14.8	11.2	57	22.5	14.7	12.7	54
J.	13.4	12.3	3.5	77	18.7	12.9	8.7	60	22.6	12.5	17.3	43	23.9	12.3	17.3	42
A.	14.8	12.5	3.7	78	18.4	13.9	7.6	65	22.1	13.8	13.0	52	22.7	13.2	14.7	49
S.	14.8	14.6	2.4	85	19.4	15.7	7.0	69	27.6	15.2	12.9	54	22.2	14.3	13.0	55
O.	14.6	15.3	1.5	92	19.4	17.0	5.6	73	22.1	16.3	10.4	61	20.9	15.9	8.8	65
N.	14.6	14.9	1.9	88	19.7	16.9	6.3	71	22.0	16.3	10.3	62	21.1	16.0	9.4	64
D.	14.6	15.4	1.4	91	19.5	17.0	5.9	75	22.0	16.4	10.2	63	21.1	15.9	9.5	64
A.	14.5	14.7	2.0	87	19.0	16.1	6.0	72	22.4	15.8	11.0	60	21.9	15.3	11.3	59
		18.00					J.									
J.	18.5	16.2	5.3	77		16.5	5.9	76								
F.	20.2	15.5	8.5	65		15.7	9.0	67								
M.	18.7	16.2	5.6	75		16.3	6.4	74								
A.	18.6	16.9	4.9	78		17.0	5.7	77								
M.	18.4	16.2	5.2	76		16.2	5.6	75								
J.	19.5	14.3	8.5	63		14.5	8.3	65								
J.	20.4	12.1	12.0	50		12.3	12.5	53								
A.	19.9	13.3	10.3	57		13.3	10.0	59								
S.	18.1	14.3	6.9	67		14.9	8.8	65								
O.	17.8	16.0	4.5	79		16.0	6.7	73								
N.	18.2	15.9	5.3	75		15.9	6.9	71								
D.	18.1	16.1	5.0	76		16.1	6.7	73								
A.	18.9	15.2	6.8	70		15.4	7.7	69								

RWERERE-COLLINE

MOIS	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$
	06.00				09.00				12.00				15.00			
J.	12.6	12.4	2.3	85	15.3	13.5	4.0	78	16.7	13.8	5.5	73	16.3	13.9	4.9	73
F.	13.2	11.7	3.4	78	16.3	13.3	4.4	75	17.5	13.0	8.1	64	18.5	12.1	9.5	46
M.	12.8	12.2	2.6	83	15.9	14.1	4.2	78	17.3	14.0	5.6	73	16.8	14.3	5.1	75
A.	12.9	13.7	1.3	91	15.5	15.2	2.6	85	17.1	15.2	4.4	78	17.2	15.0	4.9	77
M.	12.1	13.6	0.6	96	14.7	14.7	2.1	88	16.5	14.9	4.3	78	16.7	14.9	4.3	78
J.	11.6	12.4	1.4	87	15.0	13.6	3.7	79	16.3	13.9	5.5	72	17.2	13.8	6.1	70
J.	11.3	11.2	2.4	83	14.7	11.9	5.2	70	17.7	12.2	8.5	50	18.8	11.9	9.8	55
A.	12.3	11.4	2.9	80	14.8	12.2	4.8	72	16.8	12.5	7.0	65	17.3	12.5	7.5	64
S.	13.0	12.0	3.2	79	16.3	13.5	5.1	73	17.1	13.5	6.3	69	16.9	13.4	6.1	70
O.	12.9	12.3	2.7	82	16.6	13.9	5.2	73	17.2	14.2	5.5	73	15.9	14.0	4.3	77
N.	13.0	11.8	3.4	78	16.6	13.6	5.5	72	17.7	14.1	6.4	69	16.8	14.1	5.3	74
D.	12.6	12.3	2.5	83	16.3	13.9	4.5	76	17.7	14.4	6.0	71	15.5	14.0	5.0	75
A.	12.5	12.2	2.4	84	15.7	13.6	4.3	77	17.1	13.8	6.1	70	17.1	13.7	6.1	70

	18.00				J.			
J.	14.4	13.5	3.2	82	13.3	3.9	78	
F.	15.1	12.4	5.5	69	12.5	6.3	69	
M.	14.5	13.9	2.8	84	13.5	4.1	78	
A.	14.6	14.4	2.4	86	14.7	3.1	83	
M.	14.1	14.4	1.8	89	14.5	2.3	85	
J.	14.8	13.1	3.6	79	13.3	4.0	78	
J.	15.6	11.4	6.3	65	11.7	6.4	62	
A.	14.7	12.1	4.8	73	12.1	5.5	71	
S.	14.1	13.0	3.2	81	13.0	4.7	75	
O.	13.3	13.8	1.9	88	13.7	3.9	79	
N.	14.1	13.6	2.6	84	13.4	4.7	75	
D.	13.9	13.9	2.2	86	13.7	4.1	78	
A.	14.4	13.3	3.4	80	13.3	4.4	76	

B. VARIATION MOYENNE HORAIRE DES CARACTERISTIQUES DE L'HUMIDITE DE L'AIR.

KARAMA-PLATEAU

a. T E N S I O N D E V A P E U R D'E A U (e) E N MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	17.3	17.8	18.6	19.1	19.3	19.1	18.5	18.3	18.3	18.0	18.1	18.5	18.5
F.	16.3	16.9	18.3	18.8	19.3	18.9	17.4	17.5	18.8	17.0	17.5	17.8	17.9
M.	16.7	17.3	18.4	19.2	19.8	19.3	17.8	18.3	18.3	18.1	18.3	18.6	18.3
A.	17.4	18.2	19.3	19.6	20.1	19.8	19.0	19.4	19.1	18.7	19.1	19.1	18.8
M.	17.3	17.9	18.7	18.6	18.8	18.6	18.2	17.9	18.3	17.7	18.3	18.5	18.3
J.	15.4	15.9	17.1	16.7	16.4	16.3	15.8	15.8	15.0	15.1	15.3	15.7	15.9
J.	13.4	14.1	15.2	14.4	14.5	13.6	12.9	13.3	13.1	12.4	12.9	13.4	13.4
A.	15.2	15.6	16.3	15.2	15.0	14.7	13.9	14.2	14.1	13.7	14.4	14.9	14.7
S.	16.6	17.4	17.8	17.2	17.5	17.0	15.5	16.0	16.1	15.7	16.2	16.4	16.8
O.	17.1	18.2	18.8	18.6	19.2	18.5	17.8	17.9	17.6	17.3	17.7	17.7	17.8
N.	16.9	17.8	18.7	18.7	18.7	18.8	17.7	18.5	18.5	17.5	18.2	17.9	18.0
D.	17.5	18.2	19.1	17.9	19.9	19.3	18.4	18.6	18.7	18.0	18.5	19.0	18.6
A.	16.4	17.1	18.0	17.9	18.2	17.8	16.9	17.1	17.1	16.6	17.0	17.3	17.2

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	18.5	18.6	18.6	18.4	18.2	18.0	17.9	17.6	17.5	17.3	17.2	18.4	18.0	18.2
F.	17.7	17.6	18.1	17.7	17.4	17.4	17.1	16.9	16.8	16.7	16.5	17.8	17.2	17.5
M.	18.4	18.4	18.1	18.0	17.7	17.4	17.1	16.9	18.7	16.5	16.4	18.4	17.5	17.9
A.	18.3	18.5	19.0	18.3	18.5	18.3	18.0	17.9	17.7	17.5	17.3	19.2	18.3	18.8
M.	18.9	18.3	17.9	17.8	17.6	17.5	17.4	17.5	17.4	17.2	17.1	18.3	17.9	18.1
J.	16.2	16.2	16.6	16.7	16.0	15.8	15.5	15.4	15.2	15.0	14.8	15.9	15.8	15.9
J.	13.8	14.3	14.8	16.7	14.7	15.5	14.2	13.9	13.8	13.7	13.6	13.5	14.3	13.9
A.	15.0	15.9	16.2	16.0	16.2	15.9	15.7	15.6	15.4	15.3	15.3	14.8	15.6	15.2
S.	17.6	17.7	18.0	17.9	17.6	17.4	17.1	17.1	17.1	17.1	16.9	16.6	17.3	17.0
O.	18.4	18.2	18.5	18.3	18.0	17.8	17.6	17.6	17.4	17.3	17.2	18.1	17.8	18.0
N.	18.2	18.4	18.4	17.9	17.3	17.5	17.4	17.5	17.0	17.0	16.9	18.2	17.6	17.9
D.	18.9	18.8	18.8	18.6	18.3	18.3	17.9	17.8	17.5	17.3	17.3	18.7	18.1	18.4
A.	17.5	17.6	17.7	17.7	17.3	17.2	16.9	16.8	16.8	16.5	16.4	17.3	17.3	17.3

b. HUMIDITE RELATIVE (U) EN %.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	96	95	91	84	78	71	68	63	61	62	62	70	76	
F.	95	94	90	80	72	64	54	54	53	53	56	59	65	
M.	97	96	93	85	78	72	64	65	67	66	69	71	78	
A.	96	96	92	84	71	71	66	64	66	63	65	67	75	
M.	95	94	90	78	73	67	62	62	61	59	62	68	74	
J.	91	89	82	68	61	57	50	50	48	47	48	51	59	
J.	84	85	71	59	55	45	42	39	38	35	37	42	47	
A.	85	85	79	62	55	50	45	44	42	42	44	48	54	
S.	91	91	82	70	63	56	48	48	50	52	53	58	67	
O.	94	91	85	74	69	61	57	60	61	62	65	68	75	
N.	95	92	87	77	72	66	59	59	64	61	66	68	76	
D.	97	95	91	81	75	67	63	62	63	65	69	74	78	
A.	93	92	86	75	68	62	56	56	56	55	58	62	69	

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	82	85	87	89	90	91	92	93	94	95	95	75	90	83
F.	74	78	82	84	86	88	89	90	92	94	94	67	85	77
M.	85	89	89	91	92	93	94	94	95	96	96	77	91	84
A.	83	86	87	89	91	92	93	94	95	96	96	76	90	83
M.	81	84	87	89	89	90	92	92	94	95	95	71	89	80
J.	67	72	76	80	80	80	92	94	85	87	86	59	78	69
J.	55	60	66	68	72	73	75	77	78	81	82	51	74	63
A.	58	68	70	72	75	76	77	79	80	82	83	55	74	65
S.	73	77	80	82	83	85	86	88	90	92	92	62	84	73
O.	81	83	86	86	87	88	89	91	92	92	93	72	88	80
N.	81	84	86	86	87	89	91	91	92	93	94	71	88	80
D.	85	87	89	91	92	93	94	94	95	95	96	74	92	83
A.	75	79	82	84	85	86	89	90	90	91	92	67	85	76

c. DEFICIT DE SATURATION (de) EN MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	0.7	0.9	1.8	3.7	5.7	7.9	9.8	11.1	11.5	12.2	10.8	9.0	6.4	
F.	0.8	1.0	2.5	4.9	7.6	11.1	15.0	16.4	16.1	15.7	13.2	10.1	9.7	
M.	0.5	0.8	1.6	3.6	5.8	8.0	10.8	11.1	10.5	10.6	9.5	8.3	5.4	
A.	0.6	0.7	1.8	3.9	5.8	8.2	10.9	11.4	10.8	11.6	11.1	10.2	6.5	
M.	0.8	1.2	2.4	5.3	8.2	9.6	11.3	11.6	12.1	12.5	11.7	12.7	6.9	
J.	1.5	2.0	3.8	8.1	10.9	13.7	14.7	16.1	17.4	18.2	17.5	15.6	11.5	
J.	2.5	2.4	4.7	9.9	11.7	16.3	18.7	20.6	21.6	22.8	21.6	18.7	15.0	
A.	2.8	2.8	4.4	9.5	12.2	14.4	17.2	18.2	19.3	19.8	18.0	15.8	13.3	
S.	1.6	1.8	3.9	7.5	10.3	13.5	17.0	17.3	16.2	15.6	14.5	11.9	8.9	
O.	1.0	1.7	3.3	6.6	8.6	11.7	13.5	12.5	12.5	12.2	10.6	8.1	6.3	
N.	0.8	1.4	2.9	5.9	7.9	10.3	13.1	13.2	12.1	12.1	9.9	9.5	6.0	
D.	0.5	0.9	1.9	4.7	6.8	9.7	11.5	11.2	11.5	10.8	9.1	7.4	5.4	
A.	1.2	1.5	2.9	6.1	8.5	9.4	13.6	14.2	14.3	14.5	13.1	11.4	8.4	

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	4.3	3.4	2.7	2.4	1.9	1.6	1.5	1.3	1.0	0.9	0.8	7.0	2.1	4.6
F.	5.2	3.9	3.4	2.9	2.3	1.8	1.8	1.3	0.9	0.9	0.9	10.3	3.0	6.7
M.	3.4	2.8	2.4	2.0	1.7	1.5	1.3	1.2	0.9	0.8	0.7	6.9	1.8	4.4
A.	4.1	3.3	2.9	2.4	1.9	1.6	1.5	1.1	0.9	0.8	0.8	7.5	2.2	4.9
M.	4.6	3.5	2.9	2.3	2.2	1.9	1.6	1.3	1.1	0.9	0.9	8.2	2.3	5.3
J.	8.1	6.4	5.3	4.0	3.7	3.2	2.7	2.3	2.0	1.7	1.5	12.6	3.9	8.3
A.	11.4	9.2	7.6	6.0	5.7	5.3	4.7	4.1	3.8	3.2	2.9	14.7	5.8	10.4
A.	10.9	7.4	6.8	6.2	5.3	4.9	4.6	4.2	3.7	3.4	3.0	13.3	5.7	9.5
S.	6.4	5.5	4.5	4.0	3.8	3.2	3.0	2.3	2.0	1.7	1.7	11.3	3.7	7.5
O.	4.8	3.9	3.0	2.9	2.7	2.4	2.1	1.8	1.6	1.3	1.2	8.7	2.6	5.7
N.	4.5	3.6	3.1	2.9	2.5	2.2	1.9	1.7	1.4	1.2	1.0	8.5	2.4	5.5
D.	3.5	2.9	2.3	1.9	1.6	1.3	1.2	0.9	0.9	0.8	0.7	7.4	1.7	4.6
A.	5.9	4.6	3.9	2.8	2.9	2.6	2.3	1.9	1.7	1.5	1.3	9.7	3.1	6.4

RUBONA

a. TENSION DE VAPEUR D'EAU(e) EN MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	15.8	15.5	16.3	17.1	17.2	17.4	17.1	17.2	16.8	16.8	16.3	16.6	16.2
F.	14.9	14.6	15.3	16.6	17.1	16.8	16.3	15.5	15.2	15.2	14.8	14.9	15.5
M.	15.2	15.1	16.1	17.0	17.4	17.9	16.9	16.5	16.3	16.3	15.9	16.4	16.2
A.	15.9	16.1	16.7	17.1	17.7	17.4	17.6	17.3	17.2	16.8	16.9	16.9	16.9
M.	15.6	16.1	16.6	16.4	16.4	16.6	16.5	16.7	16.7	16.4	16.1	16.3	16.2
J.	14.0	14.7	15.1	15.2	14.7	14.6	14.8	14.4	14.5	14.7	14.1	14.3	14.3
J.	12.3	12.4	12.4	12.9	12.4	11.9	12.5	11.0	11.3	12.3	10.2	10.1	12.1
A.	13.3	13.1	13.5	13.9	13.5	13.5	13.8	12.6	12.3	13.2	13.0	13.0	13.3
S.	14.6	14.6	15.3	15.7	16.1	16.5	15.2	14.8	14.4	14.3	14.5	14.3	14.3
O.	15.3	15.4	16.4	17.0	17.3	16.9	16.3	16.4	16.2	15.9	15.3	15.5	16.0
N.	14.9	15.1	16.3	16.9	17.2	17.1	16.3	16.3	16.2	16.0	15.9	16.0	15.9
D.	15.4	15.4	16.2	17.0	17.4	16.9	16.4	16.2	16.3	15.9	16.2	16.0	16.1
A.	14.8	14.8	15.5	16.1	16.2	16.1	15.8	15.4	15.3	15.3	14.9	15.0	15.2

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	15.9	16.0	16.0	16.0	16.0	16.3	15.9	15.8	15.8	15.8	15.7	16.7	15.9	16.3
F.	15.3	15.0	15.1	15.4	15.5	15.5	15.4	15.5	15.3	15.1	14.9	15.6	15.3	15.5
M.	16.1	16.4	16.5	16.5	16.5	16.3	16.0	16.1	15.6	15.4	15.4	16.5	16.0	16.3
A.	16.7	16.8	16.9	17.0	17.0	16.7	16.5	16.4	16.3	16.3	16.2	17.0	16.6	16.8
M.	16.2	16.2	15.8	15.7	15.6	15.9	15.3	15.2	15.1	15.2	15.1	16.4	15.6	16.0
J.	14.3	14.1	14.1	14.1	14.0	13.8	13.8	13.7	13.8	13.8	13.8	14.6	13.9	14.3
J.	11.2	11.5	11.8	12.0	11.8	11.7	11.5	10.9	11.4	11.4	11.6	11.8	11.6	11.7
A.	13.2	13.5	13.6	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.2	13.2	13.5	13.4
S.	14.7	15.0	15.2	15.3	15.3	15.1	14.8	14.7	14.8	14.7	14.7	15.0	14.9	15.0
O.	16.1	16.1	16.0	15.9	16.0	15.9	15.8	15.6	15.6	15.4	15.3	16.2	15.8	16.0
N.	15.8	15.7	15.9	15.7	15.5	15.6	15.4	15.1	15.1	15.1	15.0	16.2	15.4	15.8
D.	16.2	16.3	16.5	16.4	16.3	16.1	16.1	15.9	15.8	15.6	15.7	16.3	16.0	16.2
A.	15.1	15.2	15.3	15.3	15.3	15.2	15.0	14.9	14.8	14.8	14.7	15.5	15.0	15.3

b. HUMIDITE RELATIVE (U) EN %.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18		
J.	91	87	85	81	74	71	68	67	66	66	67	71	77		
F.	88	86	81	74	68	62	57	52	52	53	53	57	65		
M.	92	79	85	76	71	70	65	64	62	66	65	70	75		
A.	93	92	87	80	76	70	68	66	66	66	68	73	78		
M.	90	93	86	77	73	71	68	66	66	65	66	64	76		
J.	85	86	79	69	62	59	57	54	54	54	53	58	63		
J.	77	76	67	60	51	45	43	38	38	42	35	37	50		
A.	78	76	72	65	60	56	52	46	43	49	49	51	57		
S.	55	83	78	69	66	64	54	51	51	55	58	60	67		
O.	92	87	83	75	78	65	61	61	61	65	65	69	79		
N.	88	85	81	71	69	65	62	62	62	64	66	70	75		
D.	91	89	83	75	69	64	63	60	62	64	68	70	76		
A.	87	85	81	73	67	64	60	57	57	59	59	63	70		
MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.	
J.	78	80	81	82	84	87	87	89	90	91	92	74	85	80	
F.	69	70	71	75	77	79	81	85	86	86	87	64	79	71	
M.	79	82	84	85	88	89	89	92	91	91	93	71	87	79	
A.	81	83	84	86	88	89	90	91	93	95	95	75	88	82	
M.	79	81	84	85	86	91	89	89	89	91	91	73	86	80	
J.	65	66	69	71	74	75	77	79	81	83	85	63	75	69	
J.	49	52	56	60	61	63	63	62	68	69	73	50	62	56	
A.	54	62	64	67	70	71	73	73	79	78	77	57	70	63	
S.	71	74	75	78	81	82	82	84	86	87	88	64	80	72	
O.	83	84	85	85	87	89	90	91	92	92	92	71	88	79	
N.	78	79	82	82	83	86	88	88	89	91	91	70	85	77	
D.	81	83	86	87	88	89	90	91	92	92	94	71	88	79	
A.	72	75	77	79	81	82	83	84	86	87	88	67	81	74	

c.- D E F I C I T D E S A T U R A T I O N(de) EN MB .

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	1.5	2.3	2.8	4.3	6.1	6.9	8.4	8.3	8.7	9.1	8.2	6.6	5.3
F.	1.9	2.3	3.6	5.9	8.1	10.3	12.8	14.2	14.3	14.3	12.9	11.1	8.5
M.	1.3	4.0	3.0	5.4	7.1	7.5	9.3	9.3	9.9	9.3	8.7	7.2	5.6
A.	1.1	1.3	2.5	4.3	5.7	7.3	8.4	8.8	8.8	9.3	8.0	6.4	4.9
M.	1.6	1.2	2.8	4.8	6.1	6.8	7.8	8.7	8.7	8.9	8.5	7.3	5.2
J.	2.3	2.3	4.1	6.8	9.1	10.2	11.2	12.3	12.6	12.7	12.6	10.5	8.5
J.	3.5	4.0	5.9	8.7	12.0	14.4	17.3	18.0	18.3	17.3	18.8	16.9	12.0
A.	3.8	4.0	5.3	7.6	8.8	10.2	13.0	15.0	16.2	14.7	13.7	12.1	10.3
S.	2.4	2.9	4.3	7.0	8.1	9.4	12.9	13.8	13.9	13.0	10.5	9.5	6.9
O.	1.5	2.2	3.4	5.6	7.4	8.9	10.4	10.6	10.5	8.8	8.1	6.9	4.5
N.	1.9	2.6	3.7	6.3	7.8	9.2	10.3	10.0	10.0	9.4	8.3	6.7	5.3
D.	1.4	1.9	3.3	5.9	7.6	9.4	10.2	10.6	10.0	9.5	7.7	6.7	5.0
A.	2.0	2.6	3.7	6.0	7.8	9.2	11.0	11.6	11.8	11.3	10.5	9.0	6.8

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h;	6-6h.
J.	4.5	4.0	3.7	3.5	3.0	2.3	2.3	2.0	1.7	1.6	1.5	6.2	2.8	4.5
F.	6.8	6.5	6.1	5.2	4.6	4.1	3.6	2.8	2.4	2.4	2.4	9.6	4.3	7.0
M.	4.3	3.5	3.2	2.9	2.2	2.0	2.0	1.7	1.7	1.7	1.2	7.0	2.5	4.8
A.	3.9	3.5	3.3	2.9	2.3	2.2	1.8	1.6	1.1	1.0	1.0	6.1	2.3	4.2
M.	4.3	3.9	3.1	2.8	2.4	1.7	1.8	1.8	1.8	1.6	1.5	6.2	2.5	4.4
J.	7.6	7.1	6.3	5.8	5.1	4.7	4.2	3.7	3.1	2.8	2.5	9.1	4.9	7.0
J.	11.7	10.5	9.3	8.0	7.9	7.0	6.8	6.6	5.4	5.0	4.4	13.3	7.5	10.4
A.	9.1	8.3	7.8	6.7	6.0	5.6	5.0	4.7	3.6	3.7	3.8	10.6	5.9	8.3
S.	6.0	5.4	4.9	4.3	3.7	3.3	3.2	2.8	2.3	2.1	2.0	9.2	3.7	6.5
O.	3.3	3.1	2.9	2.9	2.3	2.0	1.7	1.6	1.3	1.3	1.3	7.1	2.2	4.7
N.	4.4	4.1	3.6	3.5	3.1	2.5	2.1	2.1	1.8	1.6	1.6	7.3	2.8	5.1
D.	3.8	3.3	2.7	2.4	2.1	2.1	1.7	1.6	1.3	1.3	1.0	7.2	2.2	4.7
A.	5.8	5.3	4.7	4.2	3.7	3.3	3.0	2.7	2.3	2.2	2.0	8.2	3.6	5.9

a.- T E N S I O N D E V A P E U R D'E A U (e) E N MB :

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	12.4	12.5	13.2	13.5	13.5	13.6	13.8	13.8	14.1	13.9	13.7	13.6	13.5
F.	11.7	12.0	12.8	13.3	13.5	13.5	13.0	12.3	12.0	12.1	12.7	13.0	12.4
M.	12.2	13.0	13.7	14.1	14.5	14.3	14.0	14.2	14.1	14.3	14.0	13.5	13.9
A.	13.7	14.0	14.9	15.2	15.4	15.5	15.2	15.2	15.4	15.0	14.9	15.0	14.3
M.	13.6	14.0	14.5	14.7	15.1	14.9	14.9	15.1	15.4	14.9	15.0	15.0	14.4
J.	12.4	12.7	13.5	13.6	14.3	14.4	13.9	14.3	14.2	13.8	14.6	14.0	13.1
J.	11.2	11.1	11.7	11.9	11.7	11.6	12.2	12.1	11.8	11.9	12.0	11.8	11.4
A.	11.4	11.4	12.2	12.2	12.5	12.6	12.5	12.6	12.8	12.5	12.8	12.8	12.1
S.	12.0	13.0	13.5	13.5	14.5	14.3	13.5	14.3	14.3	13.4	14.5	14.2	13.0
O.	12.3	13.2	14.3	13.9	14.9	15.0	14.2	14.8	15.1	14.0	14.7	14.5	13.8
N.	11.8	12.4	13.0	13.6	13.3	13.8	14.1	14.3	14.4	14.1	14.0	13.8	13.6
D.	12.3	12.4	12.5	13.9	13.8	13.9	14.4	13.5	13.2	14.0	12.7	13.1	13.9
A.	12.2	12.6	13.3	13.6	13.9	13.9	13.8	13.9	13.9	13.7	13.8	13.7	13.3

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	13.3	13.1	13.1	13.1	13.1	12.9	12.7	12.5	12.4	12.2	12.1	13.5	12.8	13.2
F.	12.6	12.4	12.5	12.6	12.6	12.4	12.5	12.3	12.3	12.3	12.2	12.7	12.4	12.6
M.	13.5	13.7	13.7	13.5	13.2	13.2	13.2	13.1	12.9	12.8	12.6	13.9	13.2	13.6
A.	14.4	14.3	14.3	14.1	14.1	14.0	14.0	13.9	13.8	13.7	13.8	15.0	14.0	14.5
M.	14.3	14.5	14.5	14.3	14.3	14.2	14.1	14.1	13.9	13.7	13.6	14.8	12.9	13.9
J.	13.3	13.2	13.2	13.1	12.9	13.0	12.8	12.9	12.7	12.6	12.6	13.8	12.9	13.4
J.	11.0	11.6	11.7	11.6	11.5	11.7	11.5	11.4	11.3	11.2	11.1	11.7	11.4	11.6
A.	12.4	12.1	12.2	12.2	12.4	12.2	12.1	12.0	11.9	11.9	11.8	12.4	12.1	12.3
S.	13.7	13.4	13.6	13.4	13.3	13.4	13.1	13.0	13.0	12.8	12.8	13.8	13.2	13.5
O.	14.1	13.9	13.8	13.7	13.7	13.7	13.5	13.5	13.1	13.0	12.8	14.3	12.3	13.3
N.	13.7	13.4	13.4	13.2	13.1	12.8	12.6	12.3	12.1	11.9	11.7	13.6	12.7	13.2
D.	13.0	12.7	12.7	12.5	12.5	12.3	12.3	12.3	12.3	12.3	12.2	13.4	12.5	13.0
A.	13.3	13.2	13.2	13.1	13.1	13.0	12.9	12.8	12.6	12.5	12.4	13.6	12.7	13.2

b.- H U M I D I T E R E L A T I V E (U) E N % .

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	85	84	82	78	76	75	73	73	74	73	76	79	82
F.	78	79	77	75	66	64	64	58	56	46	64	68	69
M.	83	87	82	78	77	74	73	73	75	75	76	76	84
A.	91	93	92	85	83	80	78	76	77	77	77	82	85
M.	96	95	93	88	85	82	78	81	80	78	81	86	89
J.	87	91	87	79	78	77	72	74	72	70	75	76	79
J.	83	82	80	70	64	60	50	59	56	55	58	60	65
A.	80	79	78	72	69	67	65	65	64	64	67	70	73
S.	79	85	81	73	74	74	69	73	73	70	77	79	81
O.	82	85	84	73	75	76	73	75	79	78	85	88	88
N.	78	78	74	72	66	68	69	70	70	74	77	81	84
D.	83	75	74	76	71	70	71	67	66	75	70	77	86
A.	84	84	82	77	74	72	70	70	70	70	74	77	80

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	85	84	84	85	86	86	86	85	84	83	83	77	84	81
F.	75	76	77	80	81	81	82	82	82	82	81	66	79	73
M.	87	89	89	88	87	88	89	90	89	86	87	76	88	81
A.	86	90	90	90	91	91	91	92	91	92	93	82	90	86
M.	90	93	93	93	93	95	96	97	97	96	96	85	94	89
J.	84	84	84	85	86	88	88	91	90	90	92	78	87	83
J.	65	69	71	72	74	77	78	79	75	76	76	64	74	69
A.	77	76	78	79	81	81	82	82	82	83	83	70	80	75
S.	87	87	89	89	89	90	89	88	88	87	87	76	87	82
O.	90	93	92	92	93	93	93	93	90	90	88	80	91	86
N.	88	88	89	89	89	87	85	83	82	80	79	73	85	79
D.	84	85	86	86	86	85	85	85	85	85	84	73	85	79
A.	83	84	85	86	86	87	87	87	86	86	86	75	85	80

c.- D E F I C I T D E S A T U R A T I O N (De) E N MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	2.3	2.6	3.0	4.0	4.4	4.7	5.5	5.1	5.1	4.9	4.4	3.8	3.2
F.	3.2	3.4	3.9	4.4	7.1	6.6	8.1	8.9	9.3	9.5	7.3	6.4	5.5
M.	2.6	2.2	3.2	4.2	4.5	5.1	5.6	5.3	4.8	5.1	4.4	4.4	2.8
A.	1.3	1.2	1.4	2.6	3.2	3.9	4.4	4.7	4.6	4.9	4.4	3.2	2.5
M.	0.6	0.8	1.1	2.1	2.7	3.3	4.3	3.6	4.0	4.3	3.6	2.5	1.8
J.	1.4	1.3	2.0	3.7	4.1	4.5	5.5	5.1	5.5	6.1	4.9	4.4	3.6
J.	2.4	2.5	3.0	5.2	6.6	7.7	8.5	8.4	9.4	9.8	8.8	7.9	6.3
A.	2.9	3.2	3.5	4.8	5.7	6.2	7.0	6.9	7.1	7.5	6.4	5.5	4.8
S.	3.2	2.4	3.2	5.1	4.8	5.0	6.3	5.4	5.4	6.1	4.4	3.8	3.2
O.	2.7	2.3	2.7	5.2	5.0	4.7	5.6	4.9	4.1	4.3	2.5	2.1	1.9
N.	3.4	3.5	4.6	5.5	3.8	6.5	6.4	6.2	6.0	5.3	4.2	3.2	2.8
D.	2.5	4.0	4.5	4.5	5.8	6.1	6.0	6.7	6.7	5.0	5.3	3.9	2.2
A.	2.3	2.4	3.0	4.3	4.8	5.4	6.1	6.0	6.0	6.1	5.0	4.3	3.9

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	2.5	2.6	2.6	2.4	2.3	2.3	2.3	2.4	2.5	2.7	2.7	4.2	2.5	3.4
F.	4.4	4.1	3.7	3.3	3.0	3.0	2.9	2.9	2.9	2.8	3.0	6.7	3.4	5.1
M.	2.3	1.8	1.9	1.9	2.1	1.9	1.7	1.7	1.7	1.9	2.0	4.3	2.0	3.2
A.	2.4	1.6	1.6	1.6	1.4	1.4	1.4	1.2	1.4	1.3	1.1	3.4	1.5	2.5
M.	1.6	1.0	1.0	1.1	1.1	0.8	0.7	0.5	0.4	0.6	0.6	2.8	0.9	1.9
J.	2.3	2.4	2.5	2.2	2.2	1.9	1.8	1.4	1.4	1.4	1.2	4.1	1.9	3.0
J.	6.1	5.2	4.8	4.6	4.2	3.6	3.2	3.1	3.5	3.3	3.3	6.8	4.1	5.5
A.	3.8	3.9	3.6	3.2	2.9	2.9	2.7	2.7	2.7	2.6	2.5	5.6	3.1	4.4
S.	2.1	2.1	1.7	1.7	1.7	1.6	1.7	1.8	1.8	2.0	2.0	4.6	1.9	3.3
O.	1.2	1.1	1.2	1.2	1.1	1.0	1.2	1.0	1.5	1.5	1.8	3.8	1.2	2.5
N.	1.9	2.0	1.6	1.7	1.7	2.0	2.3	2.6	2.6	3.0	3.2	4.8	2.3	3.6
D.	2.4	2.3	2.1	2.1	2.1	2.3	2.3	2.3	2.3	2.3	2.4	5.1	2.3	3.7
A.	2.7	2.5	2.4	2.2	2.1	2.1	2.0	2.0	2.1	2.1	2.1	4.7	2.3	3.5

VI.- L'I N S O L A T I O N .

(EN DIXIEMES D'HEURE) .

A. INSOLATION MENSUELLE OU ANNUELLE EFFECTIVE ET RELATIVE.

Lettre conventionnelles.

I == insolation mensuelle ou annuelle effective.

(I)N = moyenne de référence calculée sur le plus grand nombre d'années au cour de la période 1951-1961.

I-(I)N = écart de I à la normale (normale = moyenne de référence calculée sur le plus grand nombre d'années au cours de la période 1951-1961.

Ir = insolation mensuelle ou annuelle relative en pour cent (pourcentage de l'insolation mensuelle ou annuelle effective à l'insolation mensuelle ou annuelle astronomiquement possible.)

(Ir)N = moyenne de référence de l'insolation mensuelle ou annuelle relative en pour cent.

Ir-(Ir)N= écart de Ir à la normale (normale = moyenne de référence.....).

B. VARIATION HORAIRE MENSUELLE ET ANNUELLE (DE 7 A 17.00H.) EN POUR CENT DE LA DUREE D'INSOLATION.

A. INSOLATION MENSUELLE OU ANNUELLE EFFECTIVE ET RELATIVE.

MOIS	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$
	BYIMANA						GASHORA-RWIMONDO					
J.	1360	-	-	35.9	-	-	1529	-	-	40.3	-	-
F.	1783	-	-	52.3	-	-	1797	-	-	52.7	-	-
M.	1768	-	-	47.0	-	-	1566	-	-	41.6	-	-
A.	1045	-	-	28.9	-	-	1784	-	-	49.3	-	-
M.	1242	-	-	33.4	-	-	1838	-	-	49.4	-	--
J.	1845	-	-	51.4	-	-	2360	-	-	65.7	-	-
J.	2457	-	-	66.0	-	-	2867	-	-	77.1	-	-
A.	1449	-	-	38.8	-	-	1670	-	-	44.8	-	-
S.	1482	-	-	40.8	-	-	1733	-	-	47.7	-	-
O.	1343	-	-	35.6	-	-	1573	-	-	41.7	-	-
N.	1643	-	-	44.8	-	-	1555	-	-	42.4	-	-
D.	1653	-	-	43.5	-	-	1364	-	-	35.9	-	-
A.	19070	-	-	43.1	-	-	21636	-	-	48.9	-	-
	KARAMA-PLATEAU						NYAMATA					
J.	1676	-	-	44.2	-	-	1562	-	-	41.2	-	-
F.	2051	-	-	60.1	-	-	1855	-	-	54.4	-	-
M.	1618	-	-	43.0	-	-	1712	-	-	45.5	-	-
A.	1768	-	-	48.8	-	-	1685	-	-	46.5	-	-
M.	1765	-	-	47.4	-	-	1501	-	-	40.3	-	-
J.	2338	-	-	65.1	-	-	2063	-	-	52.5	-	-
J.	2779	-	-	74.7	-	-	2581	-	-	69.4	-	-
A.	1896	-	-	50.8	-	-	1569	-	-	42.1	-	-
S.	1956	-	-	53.9	-	-	1638	-	-	45.1	-	-
O.	1663	-	-	44.1	-	-	1483	-	-	39.3	-	-
N.	1706	-	-	46.5	-	-	1500	-	-	40.9	-	-
D.	1636	-	-	43.1	-	-	1483	-	-	39.0	-	-
A.	22852	-	-	51.7	-	-	20632	-	-	46.7	-	-

MOIS	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$
			RUBONA(7)						RWERERE-COLLINE(3)			
J.	1405	1811	-406	37.1	47.8	-10.7	1225	1624	-399	32.4	43.0	-10.6
F.	1536	1667	-131	45.0	48.9	-3.9	1670	1338	+332	47.3	37.9	+9.4
M.	2114	1793	+321	56.3	47.7	+8.6	1269	1419	-350	33.8	37.7	-3.9
A.	1552	1667	-115	42.9	46.1	-3.2	1209	1388	-179	33.4	38.3	-4.9
M.	2105	1777	+328	56.6	47.8	+8.8	1052	1581	-529	28.2	42.4	-14.2
J.	2251	2175	+76	62.7	60.6	+2.1	1560	2032	-472	43.2	56.3	-13.1
J.	2630	2253	+377	70.7	60.6	+10.1	2299	1803	+496	61.6	48.3	+13.3
A.	1652	2204	-552	44.3	59.1	-14.8	1206	1519	-313	32.2	40.6	-8.4
S.	1732	1941	-209	47.7	53.5	-5.8	1216	1236	-20	33.5	34.0	-0.5
O.	1640	1880	-240	43.5	49.9	-6.4	1215	1432	-217	32.2	38.0	-5.8
N.	1801	1655	+146	49.1	45.1	+4.0	1502	1322	+180	41.0	36.1	+4.9
D.	1795	1731	+64	47.2	45.6	+1.6	1476	1661	-185	38.9	43.8	-4.9
A.	21667	22554	-887	49.0	51.0	-2.0	16899	18355	-1456	37.9	41.2	-3.3
			ZAZA									
J.	-	-	-	-	-	-						
F.	-	-	-	-	-	-						
M.	-	-	-	-	-	-						
A.	-	-	-	-	-	-						
M.	-	-	-	-	-	-						
J.	-	-	-	-	-	-						
J.	-	-	-	-	-	-						
A.	-	-	-	-	-	-						
S.	1420	-	-	39.1	-	-						
O.	1481	-	-	39.3	-	-						
N.	1376	-	-	37.5	-	-						
D.	1412	-	-	37.2	-	-						
A.	-	-	-	-	-	-						

B.- VARIATION HORAIRE MENSUELLE ET ANNUELLE (de 7 à 17h.) EN % DE LA DUREE D'INSOLATION=

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	I-12	7-17	12-17
						BYIMANA							
J.	46.2	50.1	45.9	46.2	52.0	54.3	42.6	36.8	27.1	22.0	48.0	42.3	36.6
F.	45.7	56.4	62 9	72.1	67.8	61.8	63.2	70.0	61.0	51.8	60.9	61.2	61.5
M.	60.7	61.7	65.9	57.2	45.2	42.9	51.3	53.0	44.9	23.3	58.1	52.6	47.1
A.	25.0	33.2	36.4	35.0	27.5	31.1	42.5	45.7	43.9	29.6	41.4	35.0	38.6
M.	29.7	32.3	38.4	32.9	29.1	36.5	42.3	43.0	45.9	36.8	32.4	36.6	40.8
J.	45.3	58.9	62.3	53.3	48.0	57.3	56.6	-1.6	62.9	64.3	53.6	57.1	60.6
J.	55.9	76.5	87.5	81.7	80.1	78.8	78.5	60.7	75.3	60 7	76.3	75.9	75.5
A.	30.7	45.5	53.6	53.6	44.9	55.9	48.8	44.3	40.7	33.3	45.7	45.1	44.5
S.	43.0	47.8	62.3	64.9	47.6	53.6	52.6	46.3	37.6	24.6	53.0	48.0	43.0
O.	26.5	47.5	54.9	52.3	53.3	55.9	50.4	41.0	29.1	18.7	46.8	42.9	39.0
N.	43.6	58.9	64.9	58.3	59.3	58.6	56.6	49.6	45.3	31.0	57.1	52.7	48.3
D.	39.I	45.5	58.1	62.0	61.4	55.9	47.8	49.4	44.9	37.5	53.3	50.2	47.1
A.	40.8	50.9	57.5	55.5	51.1	53.7	52.5	51.2	46.2	37.5	51.2	49.7	48.2
						GASHORA-RWIMONDO							
J.	23.9	38.8	48.8	57.5	61.4	64.0	57.8	52.3	44.6	31.3	46.0	47.9	49.9
F.	23.6	41.1	68.2	83.2	79.3	74.3	63.5	67.1	68.5	50.9	59.0	61.9	64.8
M.	18.4	39.4	55.2	59.1	66.5	66.2	48.8	47.8	45.9	33.9	47.5	47.5	48.5
A.	14.3	37.6	51.3	62.6	73 6	66.6	65.6	67.6	61.3	59.9	37.9	56.1	64.3
M.	27.8	41.7	58.8	67.8	61.7	65.2	68.2	65.2	60.1	45.5	51.5	56.5	61.5
J.	52.3	61.9	69.5	76.3	81.3	82.3	83.6	86.9	77.3	72.9	68.4	74.5	80.6
J.	62.7	90.0	94.3	95.6	99.5	96.9	97.5	96.6	91.4	77.2	88.6	90.2	91.9
A.	24.9	51.3	61.7	64.3	59.1	56.2	59 4	47.8	50.7	43.9	52.5	52.4	52.3
S.	27.3	50.3	66.3	73.3	80.6	70.3	70.6	52.9	41.9	31.3	59.5	56.5	53.5
O.	26.8	38.1	45.2	66.2	79.1	64.6	56.5	51.0	42.3	27.5	51.2	29.9	48.6
N.	27.6	38.2	59 9	61.9	65.9	61.6	60.3	48.3	41.9	42.3	51.0	49.9	48.8
D.	18.1	34.2	62.3	66.2	59.7	52.0	50.7	51.7	30.4	6.8	48.2	43.2	38.2
A.	29.0	47.1	61.8	69.4	72.2	68.2	65.1	61.2	54.6	42.6	55.9	57.2	58.5

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7-12	7-17	12-17
KARAMA-PLATEAU													
J.	28.7	42.6	49.4	56.5	55.5	56.8	57.2	49.4	44.3	47.4	47.4	50.0	52.6
F.	47.8	53.2	75.3	82.8	78.9	70.3	68.9	70.3	62.5	62.5	67.5	68.0	68.5
M.	26.2	37.8	53.9	56.8	62.3	59.1	50.4	52.0	41.0	48.8	47.3	48.8	50.3
A.	23.0	37.3	50.3	65.3	65.3	66.3	66.3	66.3	57.3	57.3	48.2	55.4	62.6
M.	31.7	36.2	49.4	66.2	62.7	57.5	60.7	63.0	57.8	50.7	49.1	53.9	57.9
J.	53.2	62.9	71.6	73.3	77.3	77.9	81.3	82.9	72.3	72.3	67.8	72.7	77.6
J.	72.7	86.6	92.4	94.3	94.6	89.8	87.5	88.2	81.1	69.1	88.1	85.6	83.1
A.	40.7	58.5	65.9	72.3	66.5	59.8	60.4	57.8	55.5	52.3	60.8	59.0	57.2
S.	42.6	56.9	70.6	76.6	76.3	77.6	74.9	59.6	51.9	36.6	64.6	62.4	60.2
O.	35.2	50.4	58.8	68.1	67.2	62.7	50.1	48.1	43.9	34.9	55.9	50.9	45.9
N.	36.6	46.9	60.6	61.5	66.9	64.9	64.3	46.3	45.6	40.3	54.5	53.4	52.3
D.	14.5	36.2	60.7	69.4	63.3	58.1	51.3	52.6	44.6	43.9	48.9	49.5	50.1
A.	37.6	50.4	63.1	70.4	69.7	66.5	64.3	61.9	55.8	50.1	58.3	59.0	59.7
NYAMATA													
J.	35.2	43.3	43.6	55.5	59.1	59.1	51.0	47.5	46.2	40.1	47.3	48.0	48.7
F.	29.6	58.9	54.6	59.3	77.1	70.3	66.0	95.0	68.2	50.0	64.0	64.0	64.0
M.	40.5	56.8	67.2	72.0	53.3	60.7	53.6	42.6	48.8	43.3	55.8	52.8	49.8
A.	24.0	45.5	53.9	60.3	57.6	67.2	60.3	60.3	55.9	48.6	49.1	55.3	61.6
M.	22.6	39.4	51.7	57.2	44.3	57.5	53.3	53.9	49.4	36.2	43.0	46.5	50.0
J.	46.6	55.6	66.6	72.9	72.6	69.6	67.9	66.6	66.6	67.6	63.0	66.0	69.0
J.	66.5	86.9	90.6	91.7	92.1	83.7	80.8	86.9	74.9	64.0	85.6	81.9	78.2
A.	30.4	46.8	60.1	60.1	55.2	56.8	52.0	47.2	45.9	38.1	50.4	49.1	47.9
S.	35.3	54.9	61.3	70.3	69.3	67.3	61.3	46.6	39.0	30.0	58.2	53.5	46.6
O.	37.1	48.8	55.9	64.9	64.9	47.1	40.7	40.7	36.8	23.3	54.3	46.0	37.7
N.	35.6	47.9	60.6	52.6	55.9	49.6	47.9	52.9	36.3	32.3	50.6	47.2	43.8
D.	30.7	43.6	53.9	66.5	51.7	48.1	41.7	44.3	44.9	33.6	49.0	45.7	42.4
A.	36.2	52.3	61.6	66.0	62.5	61.3	56.2	54.9	51.1	42.1	55.8	54.6	53.4

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7-12	7-17	12-17
						RUBONA							
J.	28.4	36.2	42.3	43.9	56.2	54.3	47.5	50.7	44.6	30.7	41.4	43.5	45.6
F.	38.5	49.9	52.2	62.2	69.9	66.6	61.4	59.6	48.1	39.2	52.6	52.9	53.1
M.	75.9	70.4	71.4	70.4	71.1	67.5	64.3	55.9	56.2	53.3	71.8	65.5	59.2
A.	42.0	36.3	46.6	58.6	59.3	63.6	59.6	58.3	49.3	31.0	48.5	50.4	52.3
M.	54.6	74.0	78.2	82.4	72.3	67.5	58.8	63.0	64.9	49.7	72.3	66.5	60.7
J.	48.9	59.6	72.6	76.9	71.9	72.6	77.8	76.3	80.1	70.1	66.1	70.8	75.5
J.	65.6	70.1	84.3	88.8	90.1	87.5	83.7	79.5	83.0	80.1	79.8	81.3	82.8
A.	30.4	38.1	59.1	62.3	61.0	58.1	57.5	52.3	50.4	43.0	50.2	51.2	52.2
S.	36.6	54.3	62.9	74.6	75.3	62.6	59.3	49.6	46.0	38.3	60.7	55.9	51.1
O.	42.0	59.4	54.9	58.8	61.0	67.2	62.0	47.5	33.9	24.5	55.1	51.1	47.1
N.	48.6	64.3	60.9	66.9	65.6	65.3	56.9	53.6	49.9	35.3	61.2	56.7	52.2
D.	42.9	60.1	57.8	61.0	66.9	68.1	57.8	56.5	38.4	31.7	57.7	54.1	50.5
A.	46.2	56.0	61.9	67.1	68.2	66.5	62.0	58.3	53.7	43.8	59.9	58.4	56.9
						RWERERE-COLLINE							
J.	38.1	46.8	50.4	47.1	39.0	31.0	37.8	34.6	27.8	18.1	44.3	37.1	29.9
F.	58.9	67.1	67.1	62.8	50.7	45.7	51.1	58.5	58.2	47.8	61.3	56.8	52.3
M.	53.0	51.7	45.2	40.4	37.1	29.4	23.6	23.6	35.2	41.0	45.4	38.0	30.6
A.	32.3	40.6	46.3	51.6	33.3	31.0	37.6	39.0	40.3	33.3	40.9	38.6	36.3
M.	25.8	31.7	34.9	35.9	37.5	36.2	31.3	32.6	32.9	24.2	33.2	32.3	31.4
J.	53.9	55.9	56.9	48.9	49.9	46.9	38.0	45.9	42.9	36.0	53.1	47.5	41.9
J.	76.9	83.7	82.4	80.0	81.1	70.1	67.8	63.6	53.0	44.6	80.8	70.3	59.8
A.	35.5	37.8	45.9	43.6	39.1	36.5	38.1	34.6	28.7	22.6	40.3	36.2	32.1
S.	50.6	51.3	48.6	44.3	31.0	26.0	31.0	32.3	37.0	26.6	45.2	37.9	30.6
O.	46.2	57.5	49.1	38.8	32.3	36.9	33.6	38.8	19.7	16.8	44.7	36.9	29.1
N.	47.3	55.6	54.3	55.9	51.3	37.6	48.3	46.6	32.6	29.0	52.9	46.9	40.9
D.	49.1	47.5	53.3	46.8	49.1	40.1	39.7	40.7	39.7	36.5	49.2	44.3	39.4
A.	46.9	51.9	52.5	49.3	43.9	39.5	39.5	40.5	36.9	31.0	48.9	43.2	37.5

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7-12	7-17	12-17
						ZAZA							
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
F.	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	-	-	-	-	-	-	-
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	-	-	-	-	-	-	-	-	-	-	-	-	-
S.	27.6	53.6	57.6	64.6	59.3	50.9	46.6	39.6	36.0	23.6	52.4	45.9	39.4
O.	47.2	59.1	59.4	62.0	59.8	48.8	35.5	32.6	32.0	22.6	57.5	45?9	34.3
N.	28.3	40.0	51.3	57.3	48.3	50.0	49.0	44.3	37.0	28.0	45.0	43.3	41.6
D.	24.8	34.8	58.7	61.1	51.1	41.7	48.0	50.0	46.6	40.4	46.1	45.7	45.3
A.	-	-	-	-	-	-	-	-	-	-	-	-	-

VII.- L'EVAPORATION.

A. POUVOIR EVAPORANT DE L'AIR (Au Piche sous abri en cm^3).

Les données du pouvoir évaporant de l'air sont celles mesurées à l'évaporomètre Piche du type Casella avec bague Casella normale. L'épaisseur de la rondelle de buvard est 0,2 mm environ.

Lettres conventionnelles.

EV = évaporation mensuelle ou annuelle.

EV_N = évaporation mensuelle ou annuelle calculée sur le plus grand nombre d'années au cours de la période 1954-61.

$EV-(EV)_N$ = écart de EV à la normale (normale = moyenne de référence calculée sur le plus grand nombre d'années au cours de la période 1954-61.)

EV_A = maximum mensuel ou annuel de l'évaporation journalière.

EV_a = minimum mensuel ou annuel de l'évaporation journalière.

B. EVAPORATION D'UNE NAPPE D'EAU LIBRE EN MM.

C. EVAPOTRANSPIRATION POTENTIELLE (EVp) ET ACTUELLE (EVa) D'UNE COUVERTURE DE PASPALUM NOTATUM.

A. POUVOIR EVAPORANT DE L'AIR.

MOIS	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a
	ASTRIDA-MISSION(BUTARE)					BULENGE-PLATEAU					GABIRO(7)				
J.	72.6	-	-	4.8	0.8	71.6	-	-	3.9	0.6	111.0	143.8	-32.8	6.2	0.9
F.	103.4	-	-	8.6	1.1	91.3	-	-	5.4	1.7	181.4	138.7	+42.7	10.0	1.2
M.	88.8	-	-	5.0	1.5	71.4	-	-	4.0	1.0	105.3	137.7	-32.4	6.2	0.5
A.	67.8	-	-	4.7	1.1	69.0	-	-	5.7	0.6	110.9	114.6	-3.7	6.4	1.3
M.	95.7	-	-	5.4	0.7	72.7	-	-	3.8	1.3	124.8	143.4	-18.6	6.8	0.9
J.	128.1	-	-	6.5	1.0	105.8	-	-	4.6	0.6	184.2	237.5	-53.3	9.0	1.3
J.	193.6	-	-	7.7	3.6	166.4	-	-	6.9	3.0	290.0	312.3	-22.3	11.5	3.7
A.	155.3	-	-	8.0	2.1	150.7	-	-	7.2	2.0	214.5	279.9	-65.4	14.6	1.1
S.	121.4	-	-	7.6	1.6	132.6	-	-	6.9	1.2	140.8	206.2	-65.4	9.2	1.7
O.	91.5	-	-	6.1	0.5	91.4	-	-	5.5	1.4	123.1	146.4	-23.3	9.5	1.4
N.	93.6	-	-	5.4	0.9	82.8	-	-	5.0	0.9	110.0	113.8	-3.8	6.6	0.6
D.	94.4	-	-	4.9	1.2	74.8	-	-	4.0	0.9	96.6	102.9	-6.3	4.8	1.5
A.	1306.2	-	-	8.6	0.5	1180.5	-	--	7.2	0.6	1792.6	2077.2	-284.6	12.5	0.5
	GASHORA-RWIMONDO					KARAMA-PLATEAU					KIBUGABUGA-LAC				
J.	74.8	-	-	4.3	0.5	84.8	-	-	4.9	0.4	74.2	-	-	3.7	0.8
F.	84.1	-	-	4.9	1.2	112.1	-	-	7.0	2.2	86.3	-	-	4.8	1.5
M.	64.3	-	-	3.4	0.9	78.3	-	-	4.3	0.6	72.9	-	-	4.8	0.7
A.	66.5	-	-	3.1	1.1	80.9	-	-	4.3	1.3	74.5	-	-	3.9	1.1
M.	72.9	-	-	3.7	1.1	94.0	-	-	4.9	1.4	70.7	-	-	3.3	1.1
J.	93.2	-	-	4.3	0.7	144.3	-	-	6.5	0.3	94.4	-	-	4.2	0.5
J.	114.5	-	-	4.5	3.0	212.5	-	-	8.0	3.1	144.3	-	-	6.8	2.6
A.	98.3	-	-	4.7	1.6	187.0	-	-	9.2	3.0	146.9	-	-	6.8	2.7
S.	83.1	-	-	4.6	1.4	148.4	-	-	8.9	1.4	115.5	-	-	5.8	1.4
O.	83.6	-	-	4.4	0.8	113.1	-	-	6.9	1.4	80.2	-	-	4.7	1.1
N.	67.4	-	-	3.6	0.9	103.3	-	-	6.8	1.0	66.9	-	-	3.8	0.7
D	67.6	-	-	3.4	1.1	86.6	-	-	4.3	1.4	65.0	-	-	3.3	1.3
A.	970.3	-	-	4.9	0.5	1445.3	-	-	9.2	0.3	1091.8	--	-	6.8	0.5

MOIS	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a
	KIGALI(7)					NEMBA					NYAMATA				
J.	97.5	123.0	-25.5	5.7	0.2	78.3	-	-	4.7	0.4	75.4	-	-	4.6	0.4
F.	122.9	94.7	+28.2	8.8	0.7	101.3	-	-	6.4	1.4	88.4	-	-	5.4	0.6
M.	87.1	88.3	-1.2	5.4	1.0	72.7	-	-	3.6	0.6	70.3	-	-	4.0	1.0
A.	81.9	79.2	+2.7	5.0	0.9	74.4	-	-	4.1	0.6	68.6	-	-	3.6	0.9
M.	104.4	89.1	+15.3	5.6	2.0	84.9	-	-	5.4	1.0	71.0	-	-	3.9	0.9
J.	128.8	140.3	-11.5	5.7	1.4	142.2	-	-	7.3	0.5	117.1	-	-	5.8	0.4
J.	179.0	161.6	+17.4	11.1	2.8	219.2	-	-	8.4	3.8	182.2	-	-	7.7	2.4
A.	141.4	173.1	-31.7	8.1	2.0	179.4	-	-	9.6	2.6	160.6	-	-	8.0	2.5
S.	138.2	176.5	-38.3	7.8	1.0	137.4	-	-	9.0	1.1	132.4	-	-	7.8	1.7
O.	95.7	140.1	-44.4	7.1	0.8	85.8	-	-	6.7	1.0	89.3	-	-	6.8	0.8
N.	84.7	114.3	-29.6	6.6	0.7	85.1	-	-	6.2	0.7	73.0	-	-	5.1	0.7
D.	72.6	107.6	-35.0	5.7	1.0	67.4	-	-	3.6	1.0	67.1	-	-	3.7	1.0
A.	1334.2	1487.8	-153.6	11.1	0.2	1328.1	-	-	9.6	0.4	1195.4	-	-	8.0	0.4
	RUBONA(7)					RWERERE-COLLINE					RWERERE-RUGEZI				
J.	77.0	103.2	-26.2	4.9	1.5	84.7	-	-	6.0	1.1	60.3	-	-	3.7	0.4
F.	116.0	86.6	+29.4	7.3	1.9	111.3	-	-	7.6	1.5	75.7	-	-	4.5	0.7
M.	88.3	95.3	-7.0	4.6	1.3	73.3	-	-	4.6	1.0	58.0	-	-	3.4	0.8
A.	73.7	70.1	+3.6	4.6	0.9	58.8	-	-	4.1	0.6	51.6	-	-	3.4	0.7
M.	79.5	91.3	-11.8	5.0	1.0	46.9	-	-	3.1	0.6	51.0	-	-	2.8	0.8
J.	124.7	151.7	-27.0	5.2	0.5	76.4	-	-	5.2	0.7	63.6	-	-	3.3	0.6
J.	194.4	212.5	-18.1	7.8	3.4	130.9	-	-	6.7	1.8	92.1	-	-	4.2	1.4
A.	159.4	229.6	-70.2	9.0	2.0	112.0	-	-	7.5	1.5	74.0	-	-	4.0	1.0
S.	120.5	177.7	-57.2	7.2	1.4	81.9	-	-	5.0	1.1	66.7	-	-	3.5	0.8
O.	83.3	132.4	-49.1	5.1	1.0	68.0	-	-	4.9	0.7	61.5	-	-	4.0	0.5
N.	89.6	92.4	-2.8	6.1	1.0	73.7	-	-	4.7	0.6	65.3	-	-	4.0	0.7
D.	86.9	91.9	-5.0	4.7	1.5	64.7	-	-	3.8	0.4	60.9	-	-	3.2	0.8
A.	1293.3	1534.7	-241.4	9.0	0.5	982.6	-	-	7.6	0.4	780.7	-	-	4.5	0.4

B. EVAPORATION D'UNE NAPPE D'EAU LIBRE

(EN MILLIMETRES)

a.-TOTAUX MENSUELS ET ANNUELS.

	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
BULENGE-PLATEAU	-	-	109	112	115	124	140	126	139	130	112	115	-
KARAMA-PLATEAU	-	130	115	110	113	124	138	126	146	133	115	115	-
KIBUGABUGA-LAC	-	-	105	111	96	101	121	108	128	115	104	113	-
NEMBA	-	-	118	120	127	150	199	180	180	150	132	130	-
NYAMATA	-	-	112	109	99	123	159	144	146	134	116	115	-
RUBONA	117	144	144	118	125	134	174	151	153	130	131	136	1657

b.-MOYENNES JOURNALIERES MENSUELLES ET ANNUELLES.

BULENGE-PLATEAU	-	-	3.5	3.7	3.7	4.1	4.5	4.1	4.6	4.2	3.7	3.7	-
KARAMA-PLATEAU	-	4.6	3.7	3.7	3.6	4.1	4.4	4.1	4.9	4.3	3.8	3.7	-
KIBUGABUGA-LAC	-	-	3.4	3.7	3.1	3.4	3.9	3.5	4.2	3.7	3.5	3.7	-
NEMBA	-	-	3.8	4.0	4.1	5.0	6.4	5.8	6.0	4.8	4.4	4.2	-
NYAMATA	-	-	3.6	3.6	3.2	4.1	5.1	4.7	4.8	4.3	3.9	3.7	-
RUBONA	3.8	5.1	4.6	3.9	4.0	4.5	5.6	4.9	5.1	4.2	4.4	4.4	4.5

C. EVAPOTRANSPIRATION POTENTIELLE (EV_p) ET ACTUELLE (EV_a) D'UNE COUVERTURE DE PASPALUM NOTATUM

(EN MILLIMETRES)

a. TOTAUX MENSUELS ET ANNUELS.

		J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
KARAMA-PLATEAU	EV_p	131	123	102	109	104	111	119	119	116	122	108	91	1355
	EVa	12	24	51	82	90	8	13	13	91	67	69	71	591
RUBONA	EV_p	98	144	114	101	105	105	137	118	139	146	106	105	1418
	EV_a	80	82	106	79	78	34	0	32	87	100	87	99	864

b. MOYENNES JOURNALIERES MENSUELLES ET ANNUELLES.

KARAMA-PLATEAU	EV_p	4.2	4.4	3.3	3.6	3.4	3.7	3.8	3.8	3.9	3.9	3.6	3.0	3.7
	EV_a	0.4	0.9	1.6	2.6	2.9	0.3	0.4	0.4	3.0	2.2	2.3	2.3	1.6
RUBONA	EV_p	3.2	5.1	3.7	3.4	3.4	3.5	4.4	3.8	4.6	4.7	3.5	3.4	3.9
	EV_a	2.6	2.9	3.4	2.6	2.5	1.1	0.0	1.1	2.9	3.2	2.9	3.2	2.4

I.- LISTE DES STATIONS CLIMATOLOGIQUES DU ROYAUME DU BURUNDI

UTILISEES POUR CE BULLETIN.

NOMS	COORDONNEES GEOGRAPHIQUES LONG.E	LAT.S	ALTITUDE EN M.	DONNEES PUBLIEES (1)	OBSERVATEUR
BUGARAMA	29º33'	3º17'	2260	P.	ADMINISTRATION COMMUNALE.
BUHIGA	30º11'	3º01'	1500	P.	MISSION PROTESTANTE.
BURASIRA	29º55'	3º05'	±1400	P.T.	SERVICE AGRI.
BURURI	29º37'	3º37'	1950	P.	SERVICE AGRI.
BUSIGA	29º44'	2º44'	1850	P.	MISSION CATHOLIQUE
CIBITOKE	29º06'	2º52'	± 900	P.T.	SERVICE AGRI.
KANYINYA	30º05'	2º35'	1450	P.	MISSION CATHOLIQUE.
KARUZI	30º09'	3º05'	1500	P.T.E.	SERVICE AGRI.
KASAKA	29º09'	4º09'	1300	P.T.	SERVICE AGRI.
KASENYI	29º12'	2º59'	± 850	P.	ADMINISTRATION COMMUNALE.
KATARA	29º39'	2º59'	1900	P.T.	MISSION CATHOLIQUE.
KATUMBA	29º14'	3º20'	805	P.	
KAYERO	3º10'	3º46'	1700	P.	MISSION EVANGELIQUE MONDIALE.
KAYUGORO	29º46'	4º14'	1550	P.	MISSION LIBRE SUEDOISE.
KAZIBA	-	-	-	P.	-
KIBUMBU	29º44'	3º32'	1850	P.	PAROISSE CATHOLIQUE.
KIHANGA	29º18'	3º12'	830	P.	SEVICE AGRI.
KIHARO	30º13'	3º46'	±1250	P.	SERVICE MEDICAL.
KIHETA	29º52'	3º21'	1600	P.	LISSION CATHOLIQUE.
KISANZE	30º11'	2º47'	1798	P.	MISSION CATHOLIQUE.
KISOZI	29º41'	3º33'	2155	P.T.T_S.H.E.I.	ISABU.
KITONGO	29º52'	3º11'	1700	P.	PAROISSE CATHOLIQUE.
KITWENGE	30º43'	3º11'	±1650	P.	MISSION CATHOLIQUE.
KIVOGA	29º25	3º16'	850	P.	COMPAGNIE DU KIVU
LUVIRONZA	30º00'	3º47'	1850	P.T.H.E.	ISABU.
MABAYI	29º14'	2º42'	1550	P.	MISSION CATHOLIQUE.

NOMS	COORDONNEES GEOGRAPHIQUES LONG.E	LAT.S	ALTITUDE EN M.	DONNEES PUBLIEES (1)	OBSERVATEUR
MATANA	29º41'	3º46'	1680	P.	MISSION PROTESTANTE.
MUBONE	29º23'	3º19'	800	P.	SERVICE AGRI.
MUGERA	29º58'	3º18'	1840	P.	PAROISSE CATHOLIQUE.
MUGERA	29º58'	3º18'	1840	P.	SEMINAIRE.
MUHINGA	30º20'	2º51'	1450	P.T.	SERVICE TELECOMMUNICATIONS.
MUKIKE	29º31'	3º31'	2350	P.	ADMINISTRATION COMMUNALE.
MUNANIRA	29º34'	2º55'	2200	P.	SERVICE AGRI.
MURAGO	29º25'	3º16'	820	P.	COMPAGNIE DE LA RUZIZI.
MURAMVYA	29º36'	3º15'	2000	P.	SERVICE AGRI.
MURONGWE	29º54'	3º12'	1700	P.	ISABU.
MUSASA-PLATEAU	30º04'	4º00'	1260	P.T.T_S.H.E.I.	ISABU.
MUSENYI	30º02'	2º52'	1720	P.	MISSION CATHOLIQUE.
MUSIGATI	29º27'	3º05'	1500	P.	MISSION CATHOLIQUE.
MUYAGA	30º24'	3º15'	1750	P.	MISSION CATHOLIQUE.
MUYANGE	29º17'	3º21'	800	P.	SERVICE AGRI.
NDORA	29º24'	2º55'	1950	P.	MISSION ADVENTISTE DU 7e JOUR.
NGOZI	29º50'	2º59'	1850	P.	SERVICE AGRI.
NYAKAGUNDA	29º04'	2º48'	966	P.	COMPAGNIE DE LA RUZIZI.
NYAKARARO	29º36'	3º31'	2250	P.	SERVICE AGRI.
NYAKISOZI	30º19'	2º24'	1325	P.T.H.E.I.	O.B.M.
RANDA	29º22'	3º10'	1000	P.	SERVICE AGRI.
RUGARI	30º23'	2º44'	1650	P.	MISSION CATHOLIQUE.
RUMONGE	29º26'	3º59'	800	P.	SERVICE AGRI.
RUSENGO	30º21'	3º23'	1666	P.	MISSION CATHOLIQUE.
RUTOVU	29º51'	3º53'	-	P.	MISSION CATHOLIQUE.
RUYIGI	30º15'	3º28'	1600	P.	SERVICE AGRI.
USUMBURA	29º21'	3º23'	805	P.T.E	SERVICE TELECOMMUNICATIONS.

(1) P. = pluie; T. =température de l'air; T_S. = température du sol; H. = humidité de l'air; I. = insolation; E. = évaporation.

II.- L A P L U I E .
(EN MILLIMETRES)

A. TOTAUX MENSUELS ET ANNUELS.

Lettres et signes conventionnels.

P. .= total mensuel ou annuel des pluies.

(P)N = normale (normale = moyenne de référence calculée sur le plus grand nombre d'années d'observation au cours de la période 1931-1960.

P-(P)N = écart de P à la normale.

$\frac{100P}{(P)N}$ = pourcentage de P à la normale.

J. = nombre de jours à pluie mesurable.

M. = chute de pluie maximum en 24 heures (08.00 à 08.00 temps civil).

* il s'agit d'une moyenne mensuelle de référence (trois au maximum par station)

\+ il s'agit d'un total comprenant des moyennes mensuelles de référence.

( ) .= le nombre entre parenthèses après le nom de la station, indique le nombre d'années comprises au cours de la période 1931-1960, pour lesquelles la moyenne de référence a été calculée.

B. FREQUENCES DES PLUIES JOURNALIERES DE DIVERSES HAUTEURS.

C. INTENSITES DES PRECIPITATIONS.

A. TOTAUX MENSUELS ET ANNUELS.

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
BUGARAMA						
J.	153.1	-	-	-	19	34.3
F.	76.3	-	-	-	17	18.7
M.	250.1	-	-	-	22	30.9
A.	290.6	-	-	-	25	35.6
M.	143.2	-	-	-	16	32.7
J.	120.8	-	-	-	6	42.5
J.	0.0	-	-	-	0	0.0
A.	62.2	-	-	-	8	13.5
S.	63.9	-	-	-	8	22.4
O.	297.1	-	-	-	18	68.2
N.	221.7	-	-	-	22	37.5
D.	145.8	-	-	-	21	27.2
A.	1743.8	-	-	-	182	68.2
BUHIGA(24)						
J.	189.2	114.5	+74.7	165.2	23	36.2
F.	126.8	112.4	+14.4	112.8	15	25.6
M.	118.2	129.2	-11.0	91.5	22	19.9
A.	200.7	172.7	+28.0	116.2	21	58.9
M.	129.7	81.3	+48.4	159.5	14	26.6
J.	40.5	9.4	+31.1	430.9	4	16.2
J.	0.3	1.2	-0.9	25.0	1	0.3
A.	30.3	16.0	+14.3	189.4	3	13.0
S.	31.2	42.2	-11.0	73.9	9	11.4
O.	189.3	80.3	+109.0	335.7	18	69.2
N.	75.8	128.7	-52.9	58.9	14	11.7
D.	125.3	131.1	-5.8	95.6	15	29.1
A.	1257.3	1019.0	+238.3	123.4	137	69.2
BURASIRA						
J.	170.0	-	-	-	-	-
F.	107.1	-	-	-	9	20.8
M.	156.9	-	-	-	14	53.0
A.	261.3	-	-	-	18	72.2
M.	158.0	-	-	-	10	43.5
J.	12.8	-	-	-	1	12.8
J.	0.0	-	-	-	0	0.0
A.	0.0	-	-	-	0	0.0
S.	65.0	-	-	-	-	-
O.	122.1	-	-	-	9	53.0
N.	119.7	-	-	-	9	39.3
D.	213.7	-	-	-	11	45.0
A.	1386.6	-	-	-	-	-
BURURI(30)						
J.	207.9	174.4	+33.5	119.2	19	46.2
F.	193.7	167.5	+26.2	115.6	21	41.7
M.	239.1	206.3	+32.6	115.8	24	61.3
A.	275.2	208.7	+66.5	131.9	23	38.8
M.	100.7	90.4	+10.3	111.4	15	25.0
J.	26.5	14.8	+11.7	179.1	1	26.5
J.	0.0	3.2	-3.2	0.0	0	0.0
A.	21.3	8.7	+12.6	244.8	4	7.5
S.	95.4	55.9	+39.5	170.7	3	54.7
O.	204.3	103.7	+97.6	194.1	12	84.5
N.	207.4	180.3	+27.1	115.0	13	56.7
D.	130.5	201.1	-70.6	64.9	15	17.2
A.	1699.0	1415.2	+283.8	120.1	150	84.5
BUSIGA(30)						
J.	239.0	115.8	+123.2	206.4	24	55.0
F.	63.8	113.2	-51.4	55.4	12	13.7
M.	208.8	155.6	+53.2	134.2	22	71.0
A.	221.0	206.6	+14.4	107.0	26	55.5
M.	213.6	131.0	+82.6	163.1	18	30.0
J.	43.0	21.9	+21.1	196.3	2	22.5
J.	58.0	17.7	+40.3	327.7	6	16.0
A.	56.0	30.9	+25.1	181.2	5	16.0
S.	57.0	82.5	-25.5	69.1	15	9.0
O.	210.5	139.5	+71.0	150.9	22	50.5
N.	182.0	157.4	+24.6	115.6	21	31.5
D.	102.5	129.6	-27.1	79.1	22	26.5
A.	1655.2	1303.7	+351.5	127.0	195	71.0
CIBITOKE						
J.	150.0	-	-	-	11	55.0
F.	127.9	-	-	-	15	39.0
M.	75.2	-	-	-	10	14.0
A.	67.2	-	-	-	10	20.0
M.	117;2	-	-	-	11	32.1
J.	35.8	-	-	-	5	20.0
J.	0.0	-	-	-	0	0.0
A.	51.0	-	-	-	6	15.0
S.	42.3	-	-	-	8	10.0
O.	97.7	-	-	-	8	28.5
N.	122.4	-	-	-	11	30.0
D.	102.5	-	-	-	9	20.0
A.	989.2	-	-	-	101	55.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		KANYINYA(29)						KARUZI(13						KASAKA				
J.	101.5	89.0	+3.5	103.6	9	38.7	235.8	149.9	+85.9	157?5	20	77.0	206.7	-	-	-	18	51.5
F.	33.3	97.8	-64.5	34.0	4	20.0	113.7	127.7	-14.0	89.0	13	31.5	121.1	-	-	-	17	15.7
M.	133.4	137.6	-4.2	96.9	10	26.2	151.8	135.5	+16.3	112.0	25	20.0	188.9	-	-	-	19	31.5
A.	178.5	170.9	+7.6	104.4	12	46.5	154.4	161.7	-7.3	83.8	20	26.2	197.7	-	-	-	14	36.2
M.	259.5	124.7	+134.7	207.9	13	43.5	117.7	83.9	+33.8	140.3	12	35.7	150.2	-	-	-	9	40.0
J.	15.8*	15.8	-	-	-	-	27.0	9.1	+17.9	296.7	4	7.9	87.8	-	-	-	4	51.2
J.	0.0	5.7	-5.7	0.0	0	0.0	0.0	4.8	-4.8	0.0	0	0.0	0.0	-	-	-	0	0.0
A.	40.5	20.1	+20.4	201.5	8	12.2	29.8	9.3	+20.5	320.4	6	8.4	58.7	-	-	-	7	28.9
S.	61.3*	61.3	-	-	-	-	31.9	45.8	-13.9	69.7	6	12.6	51.0	-	-	-	1	51.0
O.	178.9	95.0	+83.9	188.3	15	32.1	188.0	71.8	+116.2	261.8	15	38.4	103.0	-	-	-	16	18.0
N.	54.9	118.2	-63.3	46.4	8	14.4	67.2	125?5	-58.3	53.5	17	20.5	237.0	-	-	-	13	41.5
D.	81.2	97.5	-16.3	83.3	12	20.8	88.6	139.5	-50.9	63.5	18	15.6	94.1	-	-	-	11	25.0
A.	1138.8	+1042.7	-	-	-	-	1205.9	1064.5	+141.4	113.3	156	77.0	1496.2	-	-	-	129	51.5
		KASENYI						KATARA(25						KATUMBA				
J.	138.8	-	-	-	17	21.5	158.8	121.8	+37.0	130.4	22	27.2	90.4	-	-	-	12	20.0
F.	26.3	-	-	-	4	17.0	105.1	121.8	+16.7	86.3	15	22.4	61.5	-	-	-	11	18.0
M.	105.7	-	-	-	13	29.0	161.2	156.0	+5.2	103.3	18	56.0	62.0	-	-	-	4	15.8
A.	75.0	-	-	-	-	-	158.4	194.6	-36.2	81.4	27	36.0	84.6	-	-	-	10	31.2
M.	118.6	-	-	-	12	23.5	256.9	119.0	+137.9	215.9	16	67.2	113.4	-	-	-	13	10.5
J.	31.7	-	-	-	4	20.3	63.8	17.1	+46.7	337.1	6	27.5	63.8	-	-	-	5	53.8
J.	0.0	-	-	-	0	0.0	1.5	6.6	-5.1	22.7	2	0.9	2.2	-	-	-	1	2.2
A.	37.0	-	-	-	6	17.0	39.4	19.7	+19.7	200.0	6	37.0	39.2	-	-	-	4	15.8
S.	18.4	-	-	-	7	8.3	84.0	79.1	+4.9	106.2	13	17.0	49.6	-	-	-	4	16.4
O.	140.5	-	-	-	10	10.9	288.2	121.8	+166.4	236.6	26	52.3	84.5	-	-	-	9	42.2
N.	234.2	-	-	-	11	45.0	256.5	152.3	+104.2	168.4	22	49.3	48.7	-	-	-	10	11.0
D.	95.0	-	-	-	-	-	177.2	146.2	+31.0	121.2	25	45.1	70.3	-	-	-	9	31.9
A.	1021.2	-	-	-	-	-	1751.0	1256.0	+495.0	139.4	198	67.2	770.2	-	-	-	92	53.8

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		KAYERO(18)						KAYUGORO(21)						KAZIBA				
J.	163.2	141.5	+21.7	115.3	28	29.9	97.1	144.1	-47.0	67.8	14	26.5	208.3	-	-	-	16	32.2
F.	100.3	157.4	-57.1	63.7	18	22.0	86.7	131.9	-45.2	141.5	14	18.9	182.8	-	-	-	19	24.0
M.	196.3	163.2	+33.1	120.3	31	28.9	169.5	173.1	-3.7	97.9	18	50.8	263.9	-	-	-	26	29.5
A.	157.7	214.3	-56.6	73.6	20	34.0	112.9	248.1	-135.2	45.5	16	13.2	301.9	-	-	-	18	40.5
M.	228.0	94.1	+134.7	243.1	15	51.1	186.0	111.4	+74.6	167.0	14	42.0	150.8	-	-	-	11	56.2
J.	9.0	7.6	+1.4	118.4	4	6.1	52.2	5.1	+47.1	1023.5	5	19.9	69.5	-	-	-	7	17.5
J.	0.0	1.6	-1.6	0.0	0	0.0	0.0	3.4	-3.4	0.0	0	0.0	8.6	-	-	-	2	5.2
A.	17.7	7.1	+10.6	249.3	6	5.1	36.8	7.1	+29.7	518.3	15	21.4	50.0	-	-	-	9	8.5
S.	44.8	28.7	+16.1	156.1	7	34.5	62.8	33.7	+29.1	186.4	3	48.0	110.0	-	-	-	6	30.9
O.	76.1	59.7	+16.4	127.5	15	17.7	92.0	68.5	+23.5	134.3	12	19.3	266.4	-	-	-	16	81.0
N.	106.9	140.9	-34.0	75.9	11	28.5	124.1	123.0	+1.1	100.9	19	34.0	148.1	-	-	-	17	30.0
D.	119.1	170.0	-50.9	70.1	20	34.0	102.4	153.7	-51.3	66.6	21	29.0	132.4	-	-	-	13	26.6
A.	1219.9	1186.1	+33.8	102.8	175	51.1	1122.4	1203.1	-80.7	93.3	141	50.8	1892.7	-	-	-	160	81.0
		KIBUMBU(26						KIHANGA(8)						KIHARO				
J.	166.1	138.6	+27.5	119.8	18	30.0	208.1	89.1	+119.0	233.6	19	43.0	-	-	-	-	-	-
F.	150.5	141.0	+9.5	106.7	8	40.0	94.0	80.8	-13.2	116.3	15	22.0	-	-	-	-	-	-
M.	176.4	175.7	+0.7	101.0	15	33.0	96.3	163.6	-67.3	58.9	20	21.3	-	-	-	-	-	-
A.	150.5	188.9	-38.4	79.7	11	24.0	181.8	110.3	+71.6	164.9	18	30.0	131.7	-	-	-	12	39.0
M.	151.6	132.0	+19.6	114.8	10	38.6	180.0	57.9	+122.1	310.9	11	47.2	226.4	-	-	-	11	50.0
J.	76.7	9.4	+67.3	816.0	3	42.3	16.9	10.4	+6.5	162.5	3	6.9	64.0	-	-	-	2	54.0
J.	0.0	6.0	-6.0	0.0	0	0.0	0.0	1.8	-1.8	0.0	0	0.0	0.0	-	-	-	0	0.0
A.	36.0	11.9	+24.1	302.5	2	-	37.2	13.4	+23.8	277.6	9	16.9	20.5	-	-	-	3	15.5
S.	83.5	54.9	+28.6	152.1	4	34.5	29.5	25.7	+3.9	114.8	6	8.4	20.7	-	-	-	3	15.0
O.	145.2	89.2	+56.0	162.8	17	24.6	67.3	42.0	+25.3	160.2	12	11.5	137.0	-	-	-	9	45.0
N.	206.4	158.8	+47.6	130.0	18	38.5	92.1	61.1	+31.0	150.7	12	35.1	59.5	-	-	-	6	24.0
D.	224.7	166.9	+57.8	134.6	17	40.5	142.3	122.6	+19.7	116.1	15	26.1	66.4	-	-	-	11	12.0
A.	1567.6	1273.3	+294.3	123.1	123	-	1145.6	778.7	+366.9	147.1	140	47.2	-	-	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)N$	$\frac{100P}{(P)N}$	J.	M.
		KIHETA(29)						KISANZE(23)						KISOZI(30)				
J.	210.0	135.6	+74.4	154.9	14	28.0	144.6	113.6	+31.0	127.3	14	38.6	192.3	169.0	+23.3	113.8	23	21.0
F.	107.7	120.2	-12.5	89.6	9	23.1	35.5	111.4	-74.9	31.9	7	12.5	165.5	159.1	+6.4	104.0	23	24.6
M.	182.7	159.7	+23.0	114.4	15	28.0	166.7	130.7	+36.0	127.4	17	23.5	303.7	200.6	+103.1	151.4	29	66.8
A.	188.6	169.6	+19.0	111.2	20	21.0	138.5	198.4	-59.9	69.8	18	25.4	179.6	227.9	-48.3	78.8	26	32.5
M.	177.4	88.4	+89.0	200.7	11	64.0	172.9	95.5	+77.4	181.0	17	27.8	113.4	117.1	-3.7	96.8	19	15.5
J.	50.0	11.2	+38.8	446.4	4	17.0	18.6	11.9	+6.7	156.3	3	9.3	76.4	11.6	+64.8	65.9	9	34.0
J.	0.0	4.2	-4.2	0.0	0	0.0	0.0	3.4	-3.4	0.0	0	0.0	0.1	6.0	-5.9	1.7	1	0.1
A.	105.0	15.0	+90.0	700.0	8	20.5	28.2	13.4	+14.8	210.4	5	10.8	58.0	15.5	+42.5	374.2	10	22.0
S.	61.6	49.6	+12.0	124;2	8	15.0	26.5	52.0	-25.5	51.0	5	13.4	72.1	62.8	+9.3	114.8	12	22.9
O.	180.3	96.5	+83.8	186.8	24	24.9	122.8	91.8	+31.0	133.8	13	31.5	182.4	113.2	+69.2	161.1	20	22.9
N.	161.7	144.4	+17.3	112.0	17	28.0	180.8	137.2	+43.6	131.8	13	37.8	207.2	172.6	+34.6	120.0	21	31.4
D.	127.2	149.9	-22.7	84.9	16	16.0	126.7	128.0	-1.3	99.0	16	22.2	183.9	187.9	-4.0	97.8	26	30.0
A.	1552.2	1144.3	+407.9	135.6	146	64.0	1161.8	1087.3	+ 74.5	106.9	128	38.6	1734.6	1443.3	+291.3	120.2	219	66.8
		KITONGO(11)						KITWENGE						KIVOGA(6)				
J.	184.8	104.6	+80.2	176.7	15	27.0	183.0	-	-	-	13	56.1	220.4	88.7	+131.7	248.5	-	-
F.	112.5	155.0	-42.5	72.6	12	22.3	42.5	-	-	-	7	13.0	133.0	120.0	+13.0	110.8	-	-
M.	96.5	157.5	-61.0	61.2	15	16.5	112.3	-	-	-	17	28.0	154.0	150.8	+3.2	102.1	-	-
A.	141.2	172.7	-31.5	81.8	13	17.9	142.5	-	-	-	18	35.0	253.0	133.7	+119.6	189.5	21	55.3
M.	131.8	81.2	+50.6	162.3	9	22.3	212.0	-	-	-	12	48.0	118.1	55.9	+62.2	211.3	12	24.1
J.	38.8	7.1	+31.7	546.5	4	18.5	34.5	-	-	-	4	13.1	42.8	15.8	+27.0	270.9	5	24.7
J.	34.0	0.5	+33.5	680.0	5	17.0	0.0	-	-	-	0	0.0	0.0	2.2	-2.2	0.0	0	0.0
A.	6.6*	6.6	-	-	-	-	102.7	-	-	-	6	43.0	22.3	12.9	+9.4	172.9	6	9.5
S.	65.6	63.6	+2.0	103.1	6	16.0	21.5	-	-	-	3	13.3	52.5	56.7	-4.2	92.6	8	21.3
O.	92.4	84.1	+8.3	109.9	13	18.4	263.5	-	-	-	17	65.2	103.1	76.9	+26.2	134.1	15	32.8
N.	158.7	153.9	+4.8	103.1	15	18.6	99.7	-	-	-	17	17.5	126.7	118.6	+8.1	106.8	14	30.6
D.	160.9	141.8	+19.1	113.5	23	30.5	183.4	-	-	-	20	39.0	152.1	134.7	+17.4	112.9	16	51.0
A.	1223.8	+1128.6	-	-	-	-	1397.6	-	-	-	134	65.2	1378.3	966.9	+411.4	142.5	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
		LUVIRONZA(6)						MABAYI						MATANA(24)				
J.	214.1	195.9	+18.2	109.3	25	22.4	338.0	-	-	-	23	48.1	178.1	153.1	+25.0	116.3	27	43.7
F.	155.6	187.7	-32.1	82.9	19	23.2	108.3	-	-	-	14	30.0	199.4	154.7	-44.7	128.9	21	28.0
M.	258.7	170.9	+87.8	151.4	28	33.8	421.6	-	-	-	27	39.1	261.6	183.6	+78.0	142.5	23	42.2
A.	209.3	203.0	+6.3	103.1	21	28.2	299.7	-	-	-	22	50.0	216.7	212.9	+3.8	101.8	19	45.5
M.	119.2	59.4	+59.8	200.7	13	34.0	108.8	-	-	-	15	32.0	109.4	83.7	+25.7	130.7	9	39.3
J.	46.2	3.5	+42.7	1220.0	5	23.5	65.0	-	-	-	9	14.1	0.0	7.7	-7.7	0.0	0	0.0
J.	16.5	0.5	+16.0	303.0	1	16.5	4.0	-	-	-	2	2.1	0.0	4.7	-4.7	0.0	0	0.0
A.	37.4	16.1	+21.3	232.3	8	13.9	39.3	-	-	-	4	15.0	94.7	15.0	+79.7	631.3	4	33.7
S.	28.0	42.6	-14.6	65.7	3	21.6	107.1	-	-	-	13	20.6	38.8	51.2	-12.4	75.8	7	15.0
O.	125.5	94.5	+31.0	132.8	18	25.7	227.4	-	-	-	20	42.5	186.5	97.6	+88.9	191.1	19	29.4
N.	181.2	130.6	+50.6	138.7	20	20.0	122.7	-	-	-	17	28.1	189.6	172.0	+17.6	110.2	19	55.2
D.	138.5	204.5	-66.0	67.7	23	15.3	187.1	-	-	-	20	28.4	122.1	187.0	-64.9	65.3	21	25.7
A.	1330.2	1309.2	+221.0	116.9	184	34.0	2119.0	-	-	-	186	50.0	1596.9	1323.2	+273.7	120.7	169	55.2
		MUBONE						MUGERA PAROISSE(26)						MUGERA-SEMINAIRE				
J.	202.0	-	-	-	16	58.6	192.4	136.3	+56.1	141.2	16	37.0	-	-	-	-	-	-
F.	98.8	-	-	-	11	29.0	61.1	125.6	-44.5	64.6	8	15.0	-	-	-	-	-	-
M.	158.2	-	-	-	18	29.5	203.6	160.6	+43.0	126.8	15	57.6	-	-	-	-	-	-
A.	129.6	-	-	-	20	30.9	120.3	180.0	-59.7	66.8	16	15.0	148.1	-	-	-	24	20.4
M.	107.3	-	-	-	10	38.0	173.1	81.1	+92.0	213.4	10	85.1	208.5	-	-	-	12	91.6
J.	29.4	-	-	-	4	17.3	15.6	7.3	+8.3	213.7	6	5.2	15.6	-	-	-	6	5.2
J.	6.0	-	-	-	1	6.0	0.0	4.4	-4.4	0.0	0	0.0	0.0	-	-	-	0	0.0
A.	21.9	-	-	-	4	7.6	15.1*	15.1	-	-	-	-	104.7	-	-	-	7	76.8
S.	43.0	-	-	-	8	15.3	42.5*	42.5	-	-	-	-	40.9	-	-	-	11	14.4
O.	130.3	-	-	-	16	42.5	119.2	85.3	+33.9	139.7	10	48.6	127.8	-	-	-	16	37.4
N.	113.5	-	-	-	16	28.2	188.7	159.5	+29.2	118.3	12	47.2	180.8	-	-	-	19	30.3
D.	173.5	-	-	-	20	64.0	149.5	152.1	-2.6	98.3	14	21.0	140.6	-	-	-	21	18.6
A.	1213;5	-	-	-	144	58.6	1301.1	+1149.8	-	-	-	-	-	-	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			MUHINGA(29)						MUKIKE						MUNANIRA			
J.	127.2	110.2	+17.0	115.4	13	31.2	280.8	-	-	-	18	40.8	-	-	-	-	-	-
F.	104.0	109.6	-5.6	94.9	10	42.3	64.2	-	-	-	7	26.0	68.5	-	-	-	11	23.0
M.	140.9	141.5	-0.6	99.6	17	26.1	409.5	-	-	-	19	40.0	88.3	-	-	-	17	37.0
A.	102.8	200.5	-97.7	51.3	15	17.5	289.7	-	-	-	23	31.8	173.4	-	-	-	22	33.0
M.	125.8	101.5	+24.3	123.9	13	21.3	131.7	-	-	-	13	31.0	167.8	-	-	-	17	38.0
J.	45.8	7.7	+38.1	594.8	3	18.0	105.8	-	-	-	6	46.2	42.0	-	-	-	6	22.0
J.	0.0	1.7	-1.7	0.0	0	0.0	0.0	-	-	-	0	0.0	0.8	-	-	-	1	0.8
A.	135.5	15.0	+120.5	903.3	4	45.2	41.7	-	-	-	4	18.3	38.9	-	-	-	6	18.0
S.	14.3	34.7	-20.4	41.2	3	10.2	50.0	-	-	-	-	-	36.6	-	-	-	9	22.0
O.	200.2	93.5	+106.7	214.1	11	35.1	270.4	-	-	-	14	43.2	265.2	-	-	-	22	32.0
N.	143.8	123.1	+20.7	116.8	8	47.2	185.7	-	-	-	9	40.0	148.0	-	-	-	11	5.4
D.	157.6	116.7	+40.9	135.0	9	27.8	241.5	-	-	-	18	32.0	100.7	-	-	-	15	30.0
A.	1297.9	1055.7	+242.2	122.9	106	47.2	2071.0	-	-	-	-	-	-	-	-	-	-	-
			MURAGO						MURAMVYA(20)						MURONGWE			
J.	215.0	114.5	+100.5	187.8	-	-	156.0	130.3	+25.7	119.7	14	38.0	-	-	-	-	-	-
F.	128.0	120.5	+7.5	106.2	-	-	105.0	142.4	-37.4	73.7	18	28.5	-	-	-	-	-	-
M.	157.0	164.0	-7.0	95.7	-	-	234.5	174.2	+60.3	134.6	23	35.5	-	-	-	-	-	-
A.	245.0	128.2	+116.8	191.1	-	-	231.0	207.4	+23.6	111.4	15	42.0	-	-	-	-	-	-
M.	158.0	57.5	+100.5	274.8	12	37.0	121.0	113.6	+7.4	106.5	9	20.5	-	-	-	-	-	-
J.	65.9	7.6	+58.3	867.1	4	27.3	60.0	21.2	+38.8	283.0	4	27.0	-	-	-	-	-	-
J.	0.0	1.5	-1.5	0.0	0	0.0	0.0	4.7	-4.7	0.0	0	0.0	-	-	-	-	-	-
A.	25.1	4.7	+20.4	534.0	4	9.6	21.6*	21.6	-	-	-	-	-	-	-	-	-	-
S.	39.1	47.7	-8.6	82.0	4	21.0	76.7*	76.7	-	-	-	-	-	-	-	-	-	-
O.	136.8	70.3	+66.5	194.6	13	45.6	175.1	118.9	+56.2	147.3	14	35.7	128.1	-	-	-	13	48.6
N.	121.5	124.3	-2.8	97.7	15	27.0	145.9*	145.9	-	-	-	-	129.7	-	-	-	19	17.9
D.	138.4	147.2	-8.8	94.0	13	31.6	154.5	156.3	-1.8	98.8	14	29.0	178.2	-	-	-	23	33.9
A.	1429.8	988.0	+441.8	144.7	-	-	1481.3	+1313.2	-	-	-	-	-	-	-	-	-	-

MOIS	P.	$(P)_N$	P-$(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	P-$(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	P-$(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			MUSASA-PLATEU(6)						MUSENYI(24)						MUSIGATI(12)			
J.	208.4	145.2	+63.2	143.5	21	31.7	137.1	126.8	+10.3	108.1	17	21.4	-	146.1	-	-	-	-
F.	126.3	121.0	+5.3	104.4	18	24.4	85.5	105.8	-20.3	80.8	8	25.8	-	154.9	-	-	-	-
M.	138.8	175.4	-36.6	79.1	18	26.0	227.4	143.7	+83.7	158.2	20	41.7	-	158.2	-	-	-	-
A.	126.5	215.7	-89.2	58.6	16	38.2	219.9	199.7	+20.2	110.1	20	56.3	-	246.7	-	-	-	-
M.	193.0	76.0	+117.0	253.9	13	62.5	216.3	97.6	+118.7	221.6	13	67.5	284.6	177.3	+107.3	160.5	16	44.8
J.	34.9	3.9	+31.0	894.9	3	12.9	38.6	11.6	+27.0	334.8	4	21.2	21.0	39.2	-18.2	53.6	8	5.0
J.	0.0	0.0	0.0	0.0	0	0.0	0.0	2.5	-2.5	0.0	0	0.0	0.0	7.6	-7.6	0.0	0	0.0
A.	14.2	11.9	+2.3	119.3	4	9.1	55.9	17.8	+38.1	314.0	4	17.2	0.0	27.6	-27.6	0.0	0	0.0
S.	37.1	27.7	+9.4	133.9	4	11.8	50.6	49.8	+0.8	101.6	10	17.2	130.0	60.2	+69.8	215.9	11	20.0
O.	73.0	47.3	+25.7	154.3	17	15.0	111.2	105.2	+6.0	105.7	15	22.1	206.7	106.7	+100.0	193.7	24	15.5
N.	165.2	96.6	+68.6	171.0	18	51.7	176.4	166.0	+10.4	106.3	17	43.9	145.2	160.6	-15.4	90.4	17	33.0
D.	208.4	166.6	+41.8	125.1	21	49.5	177.4	162.6	+14.8	109.1	18	24.3	126.7	172.8	-46.1	73.3	17	80.0
A.	1325.8	1087.3	+238.5	121.9	153	62.5	1496.3	1189.1	+307.2	125.8	146	67.5	-	1459.9	-	-	-	-
			MUYAGA(29)						MUYANGE						NDORA(21)			
J.	148.0	144.8	+3.2	102.2	20	28.0	252.0	-	-	-	16	40.5	170.5	185.9	-15.4	91.7	16	40.0
F.	88.0	136.1	-48.1	64.7	11	19.0	38.9	-	-	-	7	17.0	216.9*	216.9	-	-	-	-
M.	105.0	152.6	-47.6	68.8	18	14.0	131.2	-	-	-	12	29.5	234.1	229.8	+4.3	101.9	22	24.0
A.	243.0	213.1	+29.9	114.0	17	42.0	224.4	-	-	-	9	89.0	252.8	260.4	-7.6	97.1	22	31.2
M.	206.0	81.3	+124.7	253.4	12	50.0	354.2	-	-	-	10	84.7	328.5	165.2	+163.3	198.8	14	50.0
J.	12.0	6.9	+5.1	173.9	2	10.0	0.0	-	-	-	0	0.0	95.0	23.1	+71.9	411.3	7	30.0
J.	21.0	0.9	+20.1	233.3	2	11.0	3.0	-	-	-	1	3.0	0.0	12.6	-12.6	0.0	0	0.0
A.	41.0	8.3	+32.7	49.4	5	24.0	35.8	-	-	-	4	15.2	15.1	29.2	-14.1	51.7	4	4.6
S.	12.0	35.5	-23.5	33.8	2	11.0	36.7	-	-	-	3	18.6	109.6	85.3	+24.3	128.5	6	60.0
O.	190.0	79.8	+110.2	238.1	16	31.0	64.2	-	-	-	9	24.0	298.1	137.2	+160.9	217.3	18	69.0
N.	181.1	145.9	+35.2	124.1	17	38.0	64.0	-	-	-	8	10.0	216.3	204.8	+11.5	105.6	20	55.0
D.	145.0	176.6	-31.6	82.1	18	31.0	152.2	-	-	-	9	69.0	292.6	227.9	+64.7	128.4	22	39.0
A.	1392.1	1181.8	+210.3	118.0	140	50.0	1356.6	-	-	-	87	89.0	2229.5	+1778.3	-	-	-	-

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
	NGOZI(29)						NYAKAGUNDA(23)						NYAKARARO					
J.	194.8	126.8	+68.0	153.6	11	53.0	134.5	105.5	+29.0	127.5	13	35.5	252.3	-	-	-	22	46.5
F.	113.4	112.6	+0.8	100.7	10	58.0	79.2	100.8	-21.6	78.6	12	28.0	198.5	-	-	-	18	56.5
M.	167.5	141.3	+26.2	118.5	13	58.0	66.2	117.3	-51.1	56.4	18	12.0	228.8	-	-	-	24	38.0
A.	214.4	204.8	+9.6	104.7	17	58.0	102.8	137.5	34.7	74.8	16	34.0	231.1	-	-	-	20	35.0
M.	143.5	111.5	+32.0	128.7	14	45.7	135.0	81.7	+53.3	165.2	11	33.0	139.6	-	-	-	17	30.4
J.	30.5	11.4	+19.1	267.5	3	22.0	0.0	25.0	-25.0	0.0	0	0.0	101.7	-	-	-	4	57.8
J.	0.0	4.8	-4.8	0.0	0	0.0	0.0	7.2	-7.3	0.0	0	0.0	0.0	-	-	-	0	0.0
A.	53.2	19.8	+33.4	268.7	6	17.0	30.3	15.5	+14.8	195.5	4	13.8	157.0	-	-	-	8	78.5
S.	51.4	66.3	-14.9	77.5	7	12.5	45.0	55.9	-10.9	80.5	-	-	43.6	-	-	-	6	13.0
O.	119.6	127.8	-8.2	93.6	11	24.0	80.0	70.4	+9.6	113.6	-	-	259.1	-	-	-	21	72.2
N.	140.2	171.2	-31.0	81.9	9	42.3	120.0	82.2	+37.8	146.0	-	-	159.7	-	-	-	20	19.9
D.	68.1	147.1	-79.0	46.3	9	13.0	101.0	96.0	+5.0	105.2	-	-	216.8	-	-	-	18	45.0
A.	1296.6	1245.4	+51.2	104.1	110	58.0	894.0	895.0	-1.0	99.9	-	-	1988.2	-	-	-	178	78.5
	NYAKISOZI						RANDA						RUGARI(30)					
J.	140.0	-	-	-	12	37.4	197.2	-	-	-	14	45.5	151.9	95.0	+56.9	115.9	15	35.0
F.	55.9	-	-	-	12	30.5	116.4	-	-	-	8	25.0	78.9	110.2	-31.3	71.6	8	29.0
M.	94.5	-	-	-	22	19.3	112.7	-	-	-	18	16.0	128.0	136.4	-8.4	93.8	16	22.5
A.	111.8	-	-	-	19	49.1	245.7	-	-	-	18	36.0	167.9	196.5	-28.6	85.4	14	47.4
M.	175.7	-	-	-	16	34.8	265.9	-	-	-	14	69.9	164.0	95.6	+68.4	171.5	12	48.0
J.	16.6	-	-	-	3	8.9	11.3	-	-	-	5	4.0	14.2	9.2	+5.0	154.3	3	5.9
J.	0.0	-	-	-	0	0.0	0.0	-	-	-	0	0.0	0.0	3.7	-3.7	0.0	0	0.0
A.	34.9	-	-	-	6	23.3	30.1	-	-	-	6	7.3	15.3	18.4	-3.1	83.2	3	8.4
S.	56.4	-	-	-	10	14.6	39.6	-	-	-	6	8.0	68.2	41.9	+26.3	162.8	8	28.5
O.	149.9	-	-	-	20	38.7	98.1	-	-	-	18	15.0	173.7	89.0	+84.7	195.2	12	42.5
N.	89.8	-	-	-	18	30.1	66.3	-	-	-	12	14.5	97.9	122.1	-24.2	65.4	6	32.5
D.	99.9	-	-	-	24	19.8	129.2	-	-	-	18	27.0	154.9	132.1	+22.8	117.3	16	27.4
A.	1025.4	-	-	-	162	49.1	1312.5	-	-	-	137	69.9	1214.9	1050.1	+164.8	115.7	113	48.0

MOIS	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.	P.	$(P)_N$	$P-(P)_N$	$\frac{100P}{(P)N}$	J.	M.
			RUMONGE(29)						RUSENGO(27)						RUTOVU			
J.	130.1	113.1	+17.0	115.0	13	40.2	165.5	141.0	+24.5	117.4	23	30.7	167.2	-	-	-	21	28.5
F.	97.4	106.1	-8.7	91.8	13	28.0	119.0	132.7	-13.7	89.7	20	20.3	169.0	-	-	-	14	32.6
M.	122.0	147.6	-25.6	82.7	14	22.3	143.0	172.4	-29.4	82.9	26	23.5	201.7	-	-	-	20	31.0
A.	202.2	166.7	+35.5	121.3	14	65.0	158.1	240.6	-82.5	65.7	24	18.7	330.1	-	-	-	24	81.6
M.	39.3	79.6	-40.3	49.4	8	10.5	136.0	96.1	+39.9	141.5	17	20.6	162.2	-	-	-	11	31.2
J.	37.7	15.9	+21.8	237.1	5	10.6	30.7	6.6	+24.1	465.2	3	17.4	61.5	-	-	-	2	35.0
J.	11.6	4.8	-6.8	241.7	1	11.6	0.0	2.6	-2.6	0.0	0	0.0	0.0	-	-	-	0	0.0
A.	95.8	6.7	+89.1	1408.8	5	49.3	0.0	8.6	-8.6	0.0	0	0.0	15.9	-	-	-	4	5.4
S.	160.6	30.6	+130.0	524.8	4	72.0	72.0	38.5	+33.5	187.0	7	43.5	15.9	-	-	-	4	13.0
O.	208.3	65.5	+142.8	318.0	12	43.6	135.4	73.1	+62.3	185.2	18	33.4	44.9	-	-	-	16	9.7
N.	162.7	132.1	+30.6	123.2	14	55.8	136.2	159.3	-23.3	85.4	16	20.1	43.0	-	-	-	19	10.0
D.	244.1	138.1	+106.0	176.8	16	73.4	142.3	194.0	-51.7	73.4	21	23.0	65.2	-	-	-	22	11.0
A.	1511.8	1006.8	+505.0	150.2	119	73.4	1238.2	1265.7	-27.5	97.8	175	43.5	1277.0	-	-	-	157	81.6
			RUYIGI(30)						USUMBURA(30)									
J.	216.2	142.0	+74.2	152.3	23	43.5	173.3	92.0	+81.3	188.4	20	49.0						
F.	146.2	137.9	+8.3	106.0	22	40.5	47.5	109.1	-61.6	43.5	14	9.1						
M.	213.2	156.9	+56.3	135.9	22	46.9	110.4	119.7	-9.3	92.2	20	23.7						
A.	251.0	213.8	+37.2	117.4	20	67.3	90.2	125.5	-35.3	71.9	19	24.2						
M.	239.2	98.7	+140.5	242.5	18	62.5	189.8	55.4	+134.4	342.6	14	60.0						
J.	36.8	5.6	+31.2	653.6	5	26.1	25.2	10.7	+14.5	235.5	5	9.6						
J.	0.0	1.7	-1.7	0.0	0	0.0	1.0	4.5	-3.5	22.2	1	1.0						
A.	22.3	9.6	+12.7	232.3	5	7.8	37.8	9.9	+27.9	381.8	7	8.6						
S.	11.5	41.8	+30.3	27.5	6	5.6	17.3	36.6	-19.3	47.3	5	7.6						
O.	209.9	72.4	+137.5	289.9	18	47.5	55.3	61.8	-6.5	89.5	13	22.5						
N.	136.4	145.0	-8.6	94.1	15	30.0	60.4	97.5	-37.1	61.9	16	17.4						
D.	199.7	170.8	+28.9	116.9	24	24.3	95.3	114.2	-18.9	83.5	23	31.4						
A.	1682.4	1196.2	+486.2	140.6	178	67.3	903.5	836.9	+66.6	108.0	157	60.0						

B. FREQUENCES DES PLUIES JOURNALIERES DE DIVERSES HAUTEURS.

h.	BUGARAMA J.	BUGARAMA %	BURURI J.	BURURI %	BUSIGA J.	BUSIGA %	KARUZI J.	KARUZI %	KATARA J.	KATARA %
< 5 mm	86	47.3	53	34.0	97	49.5	83	53.2	102	52.6
>= 5 mm	96	52.7	103	66.0	99	50.5	73	46.8	92	47.4
10 mm	69	37.9	62	39.7	56	28.6	42	26.9	55	28.3
20 mm	26	14.3	25	16.0	20	10.2	16	10.3	24	12.4
30 mm	9	4.9	13	8.3	11	5.6	6	3.8	12	6.2
40 mm	4	2.2	9	5.8	4	2.0	1	0.6	7	3.6
50 mm	3	1.6	6	3.8	3	1.5	1	0.6	5	2.6
60 mm	1	0.5	4	2.6	1	0.5	1	0.6	2	1.0
70 mm	0	0.0	2	1.3	1	0.5	1	0.6	0	0.0
80 mm	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0
90 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	KAYERO J.	KAYERO %	KAYUGORO J.	KAYUGORO %	KIBUMBU J.	KIBUMBU %	KIHANGA J.	KIHANGA %	KIHETA J.	KIHETA %
< 5 mm	102	58.3	72	51.1	35	28.5	75	53.2	45	30.8
>= 5 mm	73	41.7	69	48.9	88	71.5	66	46.8	101	69.2
10 mm	44	25.1	36	25.5	59	48.0	37	26.2	79	54.1
20 mm	15	8.6	11	7.8	24	19.5	17	12.1	15	10.3
30 mm	5	2.9	4	2.8	13	10.6	3	2.1	2	1.4
40 mm	1	0.6	3	2.1	4	3.3	3	2.1	1	0.7
50 mm	1	0.6	1	0.7	0	0.0	0	0.0	1	0.7
60 m	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
70 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	KISOZI J.	KISOZI %	KITONGO J.	KITONGO %	KITWENGE J.	KITWENGE %	LUVIRONZA J.	LUVIRONZA %	MABAYI J.	MABAYI %
≤ 5 mm	111	52.1	38	29.2	63	47.0	73	39.7	68	36.6
≥ 5 mm	102	47.9	92	70.8	71	53.0	111	60.3	118	63.4
10 mm	62	29.1	50	38.5	44	32.8	61	33.1	76	40.9
20 mm	23	10.8	10	7.7	19	14.2	14	7.6	36	19.4
30 mm	6	2.8	1	0.8	11	8.2	4	2.2	16	8.6
40 mm	1	0.5	0	0.0	7	5.2	0	0.0	5	2.7
50 mm	1	0.5	0	0.0	2	1.5	0	0.0	1	0.5
60 mm	1	0.5	0	0.0	1	0.7	0	0.0	0	0.0
70 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	MATANA J.	MATANA %	MUHINGA J.	MUHINGA %	MUSENYI J.	MUSENYI %	MUYAGA J.	MUYAGA %	NYAKISOZI J.	NYAKISOZI %
≤ 5 mm	86	49.4	32	30.2	57	39.0	54	38.6	103	63.6
≥ 5 mm	88	50.6	74	69.8	89	61.0	86	61.4	59	36.4
10 mm	53	30.5	52	49.1	50	34.2	56	40.0	31	19.1
20 mm	24	13.8	22	20.8	18	12.3	18	12.9	14	8.6
30 mm	10	5.7	7	6.6	9	6.2	8	5.7	7	4.3
40 mm	5	2.9	4	3.8	5	3.4	2	1.4	1	0.6
50 mm	2	1.1	0	0.0	3	2.1	1	0.7	0	0.0
60 mm	1	0.6	0	0.0	2	1.4	0	0.0	0	0.0
70 mm	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
80 mm	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
90 mm	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0
100 mm	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

h.	RANDA J.	RANDA %	RUGARI J.	RUGARI %	RUSENGO J.	RUSENGO %	USUMBURA J.	USUMBURA %
< 5 mm	59	43.1	39	34.5	98	56.0	101	63.9
≥ 5 mm	78	56.9	74	65.5	77	44.0	57	36.1
10 mm	44	32.1	46	40.7	46	26.3	21	13.3
20 mm	15	10.9	17	15.0	12	6.9	11	7.0
30 mm	7	5.1	7	6.2	3	1.7	5	3.2
40 mm	4	2.9	3	2.7	1	0.6	4	2.5
50 mm	2	1.5	0	0.0	0	0.0	1	0.6
60 mm	1	0.7	0	0.0	0	0.0	1	0.6
70 mm	0	0.0	0	0.0	0	0.0	0	0.0

C. INTENSITE DES PRECIPITATIONS

MAXIMA MENSUELS ET ANNUELS POUR UNE DUREE CONTINUE DE 15',30',45',60'et 120'

		J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
KISOZI	15'	9.7	13.3	13.4	4.7	5.9	2.7	0.1	5.2	5.2	14.9	7.8	12.0	14.9
	30'	13.8	17.3	17.1	7.8	3.5	3.5	0.1	7.3	10.0	20.8	14.8	12.3	20.8
	45'	14.7	18.5	17.4	7.8	8.2	5.2	0.1	8.0	10.2	21.9	22.8	17.7	22.8
	60'	15.1	18.7	17.4	7.8	9.0	6.6	0.1	8.5	10.2	21.9	23.6	22.4	23.6
	120'	17.2	20.5	17.4	7.8	10.5	10.6	0.1	8.5	10.2	21.9	27.9	29.7	29.7
MUSASA-PLATEAU	15'	11.5	9.2	16.6	11.6	9.9	2.8	0.0	3.1	7.4	8.5	7.6	10.2	16.6
	30'	15.7	12.0	22.2	16.2	14.0	4.4	0.0	5.1	10.9	11.1	9.4	10.3	22.2
	45'	16.9	12.6	22.2	17.0	15.5	4.7	0.0	5.3	11.8	11?5	9.4	10.9	22.2
	60'	17.3	14.8	22.2	17.4	15.6	6.0	0.0	5.6	11.8	11.5	9.8	10.9	22.2
	120'	17.8	16.7	22.2	18.0	16.3	9.7	0.0	5.9	11.8	11.5	10.1	10.9	22.2
NYAKISOZI	15'	-	-	-	20.2	7.1	3.1	0.0	5.5	10.5	16.1	19.8	19.6	(20.2)
	30'	-	-	-	26.5	11.8	3.1	0.0	5.7	10.7	29.7	24.6	19.8	(29.7)
	45'	-	-	-	32.7	14.8	3.9	0.0	5.8	10.7	34.0	25.3	19.8	(34.0)
	60'	-	-	-	37.6	17.4	4.1	0.0	5.8	10.7	35.0	26.1	19.8	(37.6)
	120'	-	-	-	48.4	27.7	4.6	0.0	5.8	13.5	37.1	28.5	19.8	(48.4)

III.- L A T E M P E R A T U R E D E L'A I R .

(EN DEGRES CENTIGRADES)

A. TEMPERATURES EXTREMES ET MOYENNES.

Lettres et signes conventionnels.

$\bar{T}_M$ = moyenne mensuelle ou annuelle de la température maximum journalière.

$\bar{T}_m$ = moyenne mensuelle ou annuelle de la température minimum journalière.

$\bar{T}_f$ = moyenne mensuelle ou annuelle de la température moyenne journalière $(\frac{\bar{T}_M + \bar{T}_m}{2})$

$T_f - (T_f)_N$ = écart de T_f à la normale (normale = moyenne de référence calculée sur la période 1950-1961).

$\bar{T}_A$ = température maximum absolue mensuelle ou annuelle.

$\bar{T}_a$ = température minimum absolue mensuelle ou annuelle.

* = il s'agit d'une moyenne mensuelle de référence (trois au maximum par station).

\+ = il s'agit d'une moyenne annuelle tenant compte de moyennes mensuelles de référence.

B. VARIATIONS MOYENNES HORAIRES DE LA TEMPERATURE ET MOYENNES VRAIES.

C. TEMPERATURES MINIMA AU-DESSUS DU GAZON.

Lettres conventionnelles.

$\bar{T}_{mg}$ = moyenne mensuelle ou annuelle de la température minimum au-dessus du gazon.

T_{ag} = température minimum absolue mensuelle ou annuelle au-dessus du gazon.

A. TEMPERATURES EXTREMES ET MOYENNES.

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/\!/}$	$\bar{T}_{/\!/}-(\bar{T}_{/\!/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/\!/}$	$\bar{T}_{/\!/}-(\bar{T}_{/\!/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/\!/}$	$\bar{T}_{/\!/}-(\bar{T}_{/\!/})_N$	T_A	T_a
J	BURASIRA						BUSIGA						CIBITOKE					
J.	26.4	13.0	19.7	-	28.5	9.0	26.2	13.8	20.0	-	30.0	12.5	28.4	17.5	22.9	-	31.0	16.0
F.	27.2	11.5	19.3	-	30.0	6.5	28.2	13.9	21.1	-	31.0	12.5	29.4	16.5	22.9	-	34.5	10.0
M.	26.9	11.8	19.3	-	29.0	9.5	26.5	13.2	19.9	-	29.0	11.0	28.7	16.9	22.8	-	32.0	13.0
A.	26.6	12.6	19.6	-	28.5	10.0	25.4	13.7	19.5	-	28.5	12.0	29.6	17.0	23.3	-	31.5	15.0
M.	26.1	12.0	19.1	-	28.5	8.5	25.1	13.8	19.4	-	28.0	12.0	29.6	17.2	23.4	-	32.0	15.0
J.	27.9	8.3	18.1	-	30.0	3.0	25.6	13.8	19.7	-	28.5	12.0	30.3	17.6	23.9	-	32.5	14.5
J.	27.1	3.9	15.0	-	29.5	1.5	25.4	14.1	19.7	-	28.0	11.0	29.8	17.5	23.7	-	32.0	16.0
A.	-	-	-	-	-	-	25.3	14.1	19.7	-	28.0	11.0	29.8	17.7	23.7	-	32.5	15.0
S.	-	-	-	-	-	-	25.9	15.5	20.7	-	28.0	13.0	30.8	16.5	23.7	-	33.0	10.0
O.	27.0	10.6	18.8	-	29.0	7.0	-	-	-	-	-	-	30.8	15.9	23.3	-	34.0	10.0
N.	27.1	12.2	19.7	-	29.6	9.0	-	-	-	-	-	-	29.6	14.8	22.2	-	33.0	12.0
D.	26.2	13.1	19.7	-	28.5	11.5	-	-	-	-	-	-	30.2	17.1	23.7	-	32.0	16.0
A.	-	-	-	-	-	-	-	-	-	-	-	-	29.7	16.8	23.3	-	34.5	10.0
	KARUZI						KASAKA						KATARA(5)					
J.	24.5	14.3	19.4	-	27.0	12.0	27.1	12.1	19.6	-	30.5	6.5	20.8	15.9	18.3	-1.6	23.0	14.0
F.	25.8	12.1	18.9	-	28.5	12.5	29.3	13.4	21.3	-	33.0	10.0	22.3	16.0	19.1	-0.4	23.6	14.9
M.	25.1	13.2	19.1	-	27.0	11.0	-	-	-	-	-	-	21.5	15.4	18.5	-0.8	22.7	13.7
A.	24.8	12.6	18.7	-	27.5	10.0	-	-	-	-	-	-	20.8	15.6	18.5	-1.0	22.0	14.4
M.	23.9	12.2	18.1	-	26 0	10.0	27.3	12.4	19.9	-	30.0	7.0	20.0	14.9	17.5	-1.1	21.7	14.0
J.	25.0	11.2	18.1	-	28.0	9.0	27.7	10.3	19.0	-	31.5	7.0	20.7	15.1	17.9	-0.2	22.5	13.8
J.	25.9	10.5	18.2	-	29.0	7.5	28.3	7.6	17.9	-	30.0	3.5	21.0	14.3	17.7	-0.4	22.9	12.5
A.	26.0	12.5	19.3	-	29.5	9.5	28.9	12.8	20.9	-	32.0	5.0	20.5	15.2	17.9	-0.3	23.0	13.4
S.	26.2	12.7	19.5	-	28.0	11.0	28.4	10.9	19.7	-	32.0	6.6	21.3	15.3	18.3	-1.2	23.0	14.1
O.	25.6	13.0	19.3	-	29.0	11.5	28.2	12.7	20.5	-	33.0	7.0	21.0	15.6	18.3	-1.3	23.0	14.7
N.	25.1	14.0	19.5	-	29.0	12.5	28.5	12.2	20.5	-	31.1	10.0	20.9	15.4	18.1	-1.2	22.8	14.4
D.	25.4	13.8	19.6	-	27.5	10.5	29.3	13.7	21.5	-	32.0	9.0	21.3	15.5	18.4	-1.1	22.9	14.9
A.	25.3	12.7	19.0	-	29.5	7.5	-	-	-	-	-	-	21.0	15.3	18.1	-1.0	23.6	12.5

MOIS	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_{/}$	$\bar{T}_{/}-(\bar{T}_{/})_N$	T_A	T_a
	KATUMBA						KIHANGA						KISOZI(11)					
J.	30.1	18.3	24.2	-	32.1	16.0	28.2	18.1	23.1	-	30.0	17.0	21.1	11.7	16.4	-0.3	23.2	9.2
F.	28.5	17.9	23.2	-	33.0	15.0	29.3	17.8	23.5	-	32.0	15.1	22.0	11.3	16.7	+0.1	24.2	8.2
M.	28.7	16.3	22.5	-	30.5	14.5	29.3	16.6	22.9	-	30.1	16.6	21.4	10.5	15.9	-0.8	23.3	8.0
A.	29.1	17.9	23.5	-	30.2	15.0	29.1	17.4	23.3	-	32.0	15.8	21.2	11.3	16.3	-0.3	23.1	9.1
M.	28.2	17.9	23.1	-	32.0	11.1	29.0	17.1	23.1	-	30.5	16.3	20.1	10.3	15.2	-1.0	23.2	7.0
J.	29.0	15.9	22.5	-	30.5	11.5	30.0	16.2	23.1	-	32.5	13.0	20.8	8.5	14.7	-0.3	22.9	5.4
J.	28.5	15.0	21.7	-	30.0	10.0	30.6	14.5	22.5	-	32.6	11.2	21.1	7.3	14.2	-0.9	24.1	4.4
A.	27.5	15.3	21.4	-	31.0	10.0	29.7	16.3	23.0	-	32.5	12.5	21.1	9.4	15.3	-0.9	24.7	4.6
S.	28.9	16.2	22.5	-	30.0	14.0	30.6	16.6	23.6	-	32.5	14.1	21.8	9.7	15.7	-1.3	24.1	6.6
O.	28.6	16.9	22.7	-	31.0	13.0	31.4	17.5	24.5	-	37.2	16.5	21.6	11.0	16.3	-0.8	23.9	9.6
N.	28.0	16.3	22.5	-	31.0	13.5	30.6	16.7	23.7	-	33.5	14.6	21.2	11.3	16.3	+1.3	23.7	9.2
D.	28.4	16.9	22.7	-	31.0	14.0	29.8	16.8	23.3	-	32.6	16.0	21.4	11.3	16.3	-0.3	23.2	9.6
A.	28.7	16.7	22.7	-	33.0	10.0	29.8	16.8	23.3	-	37.2	11.2	21.2	10.3	15.8	-0.6	24.7	4.4
	LUVIRONZA(7)						MUBONE						MUHINGA					
J.	24.2	11.9	18.1	+0.4	26.4	7.8	30.1	17.7	23.9	-	32.5	16.0	23.2	14.3	18.7	-	25.9	13.2
F.	24.4	11.1	17.7	-0.1	27.2	7.2	31.1	17.5	24.3	-	34.5	15.0	25.2	14.6	19.9	-	27.3	12.6
M.	24.4	10.7	17.5	-0.3	26.2	7.6	31.1	16.7	23.9	-	33.0	14.0	23.6	14.1	18.9	-	26.2	12.4
A.	24.2	11.2	17.7	+0.3	26.0	8.8	30.6	17.5	24.1	-	32.5	16.0	24.4	14.4	19.4	-	26.6	13.2
M.	22.7	9.9	16.3	-0.6	24.4	5.2	30.3	17.9	24.1	-	31.5	15.5	23.5	14.0	19.3	-	24.7	12.4
J.	23.2	7.3	15.3	+0.2	25.8	4.0	30.3	16.3	23.3	-	34.5	13.0	25.0	13.8	19.4	-	26.9	11.7
J.	23.6	5.4	14.5	-0.7	26.6	1.6	30.9	14.5	22.7	-	33.5	13.0	26.5	13.4	19.9	-	27.3	10.4
A.	23.6	7.6	15.6	-1.1	27.2	5.2	27.5	15.5	21.5	-	33.0	10.5	25.3	13.9	19.6	-	26.6	12.1
S.	24.5	8.6	16.5	-1.4	26.6	5.6	31.7	16.2	23.9	-	34.0	14.0	26.3	14.4	20.3	-	27.3	13.1
O.	24.1	10.7	17.4	-0.8	27.6	6.8	31.7	17.9	24.8	-	34.5	17.0	25.7	14.0	19.9	-	27.3	11.7
N.	23.5	10.1	16.8	-1.0	25.8	7.4	30.3	16.7	23.5	-	33.0	15.0	25.7	14.0	19.9	-	27.3	13.0
D.	23.6	10.8	17.2	0.0	25.6	7.8	30.7	17.6	24.1	-	33.5	16.0	24.8	14.3	19.5	-	27.0	13.0
A.	23.8	9.6	16.7	-0.4	27.6	1.6	30.5	16.8	18.7	-	34.5	10.5	24.9	14.1	19.5	-	27.3	10.4

MOIS	$\bar{T}_n$	$\bar{T}_m$	$\bar{T}_n$	$\bar{T}_n-(\bar{T}_n)_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_n$	$\bar{T}_n-(\bar{T}_n)_N$	T_A	T_a	$\bar{T}_M$	$\bar{T}_m$	$\bar{T}_n$	$\bar{T}_n-(\bar{T}_n)_N$	T_A	T_a
	MUSASA(7)						MUYANGE						NYAKISOZI					
J.	28.3	15.9	22.1	+0.2	31.2	14.0	23.7	18.3	21.0	-	29.5	15.0	-	-	-	-	-	-
F.	29.5	15.7	22.6	+0.7	31.5	13.1	24.0	18.2	21.1	-	28.0	14.5	-	-	-	-	-	-
M.	28.2	15.1	21.7	0.0	29.8	12.8	23.8	17.1	20.5	-	29.5	14.0	26.3	14.7	20.5	-	29.4	12.4
A.	28.2	15.7	21.9	+0.1	30.0	13.0	24.8	18.2	21.5	-	29.0	16.0	27.1	15.5	21.3	-	29.6	12.5
M.	26.6	14.6	20.6	-0.5	30.0	11.4	27.9	17.6	22.7	-	30.3	16.0	26.4	15.6	21.0	-	28.9	13.2
J.	28.1	12.6	20.3	+0.7	30.8	8.5	23.6	16.6	20.1	-	27.0	11.0	27.7	14.3	21.1	-	30.5	11.5
J.	28.6	11.1	19.9	+0.4	31.7	7.6	22.2	15.0	18.6	-	29.0	13.5	28.4	13.0	20.7	-	30.5	9.6
A.	29.4	14.5	21.9	+0.6	32.6	8.8	25.8	16.5	21.1	-	30.0	14.0	27.5	15.6	21.6	-	32.2	11.4
S.	30.0	14.9	22.5	-0.4	32.2	12.5	24.9	16.0	20.5	-	28.5	14.0	27.9	16.0	22.1	-	30.4	14.2
O.	29.4	16.2	22.8	-0.3	32.9	14.8	24.3	16.4	20.3	-	28.0	13.0	27.1	15.9	21.5	-	30.4	13.8
N.	28.8	15.5	22.1	-0.2	31.6	16.9	24.6	16.6	20.6	-	29.6	13.0	26.8	15.2	21.0	-	28.9	12.8
D.	28.9	15.8	22.3	+0.5	31.4	14.5	26.3	17.3	21.8	-	29.0	13.5	26.7	15.5	21.1	-	28.8	13.6
A.	28.7	14.8	21.7	+0.2	32.9	7.6	24.7	17.0	20.9	-	30.3	11.0	-	-	-	-	-	-
	RANDA						USUMBURA(12)											
J.	28.4	15.0	21.7	-	31.0	13.0	28.2	19.3	23.7	0.0	30.6	16.9						
F.	28.5	13.8	21.1	-	34.0	12.0	29.7	19.0	24.3	+0.6	34.2	16.3						
M.	26.4	13.5	19.9	-	27.0	12.0	29.3	17.9	23.6	-0.2	31.0	15.4						
A.	26.5	13.4	19.9	-	27.0	12.0	28.9	18.6	23.7	-0.1	30.6	16.7						
M.	26.6	14.1	20.3	-	27.0	13.0	28.5	18.5	23.5	-0.4	29.7	16.5						
J.	27.6	13.7	20.7	-	30.0	13.0	29.3	17.3	23.3	0.0	31.4	14.2						
J.	26.8	13.0	19.9	-	28.0	12.0	29.3	15.9	22.6	-0.5	31.6	12.2						
A.	26.4	13.2	19.8	-	28.0	12.0	28.9	17.9	23.4	-0.6	32.2	13.5						
S.	29.0	13.2	21.1	-	30.0	11.0	29.7	18.0	23.9	-1.9	31.8	16.2						
O.	26.8	14.3	20.5	-	30.0	11.0	30.1	18.3	24.2	-0.6	31.6	16.4						
N.	26.6	13.8	20.2	-	27.0	12.0	29.2	18.1	23.7	0.0	32.0	15.9						
D.	26.9	13.7	20.3	-	28.0	13.0	28.9	18.5	23.7	+0.1	32.6	18.0						
A.	27.2	13.7	20.5	-	34.0	11.0	29.2	18.1	23.7	-0.2	34.2	12.2						

B. VARIATIONS MOYENNES HORAIRES DE LA TEMPERATURE ET MOYENNES VRAIES.

KISOZI

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	13.1	13.7	15.2	16.6	18.0	18.6	18.9	19.1	18.9	18.1	17.6	16.7	15.7
F.	13.0	13.7	15.7	17.6	18.7	19.4	20.0	20.4	19.8	19.3	18.8	17.7	16.3
M.	12.2	13.0	15.8	18.0	19.0	19.5	18.8	18.4	17.9	17.9	17.2	16.4	15.4
A.	12.9	13.7	15.5	16.9	17.7	18.3	18.7	19.5	19.7	19.7	19.4	17.8	16.1
M.	12.0	12.8	14.9	16.0	16.7	17.2	17.7	18.7	18.5	18.4	18.1	17.3	15.5
J.	10.1	10.5	14.5	16.5	17.8	18.3	18.6	19.6	20.0	18.7	19.7	18.7	15.9
J.	9.6	11.9	14.0	16.1	17.1	17.9	18.6	19.3	19.7	20.1	19.6	18.2	16.2
A.	12.1	12.9	15.0	16.2	16.7	17.5	18.5	19.3	19.4	19.2	19.2	18.2	16.1
S.	11.9	13.0	15.9	17.6	18.6	19.1	19.1	19.9	19.8	19.9	19.8	19.1	16.9
O.	13.1	14.1	16.3	17.7	18.8	19.3	19.4	19.6	19.2	18.4	17.9	16.8	15.6
N.	13.5	14.3	16.6	18.1	19.1	19.1	19.0	18.8	18.2	18.2	17.9	17.0	15.6
D.	12.9	13.8	16.2	17.5	18.9	19.3	19.4	19.2	18.9	18.5	17.3	16.3	15.1
A.	12.2	13.1	15.5	17.1	18.1	18.6	18.9	19.3	19.2	18.9	18.5	17.5	15.9

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	15.1	14.8	14.7	14.4	14.1	13.8	13.6	13.4	13.1	13.1	13.1	17.1	14.0	15.6
F.	15.5	15.2	15.0	14.7	14.4	14.2	14.0	13.6	13.3	13.1	12.9	18.0	14.2	16.1
M.	14.7	14.3	14.2	14.0	13.5	13.2	13.0	12.8	12.5	12.3	12.3	17.1	13.4	15.3
A.	15.3	14.9	14.6	14.5	14.0	13.6	13.4	13.3	13.1	12.9	12.9	17.6	13.9	15.6
M.	14.7	14.1	13.8	13.4	12.9	12.4	12.2	12.2	11.9	11.7	11.8	16.7	12.9	14.8
J.	15.5	14.5	13.9	12.5	11.9	11.1	10.8	10.5	10.2	10.6	9.7	17.1	12.0	14.6
J.	15.1	14.1	13.2	12.3	11.7	11.1	10.7	10.3	10.1	9.9	9.7	17.1	11.7	14.4
A.	15.1	14.5	13.8	13.8	12.7	12.3	12.2	12.0	11.9	11.9	11.8	17.2	13.0	15.1
S.	15.7	14.9	14.6	14.5	13.6	13.1	12.8	12.7	12.2	12.3	12.0	18.0	13.5	15.8
O.	15.2	14.9	14.8	14.5	14.0	13.7	13.4	13.1	13.1	13.0	13.0	17.6	13.9	15.8
N.	15.0	14.8	14.6	14.3	14.1	13.9	13.7	13.7	13.6	13.6	13.5	17.6	14.1	15.9
D.	14.5	14.1	14.0	13.7	13.7	13.5	13.5	13.4	13.1	12.9	12.9	17.4	13.6	15.5
A.	13.1	14.6	14.3	13.9	13.4	13.0	12.8	12.6	12.3	12.2	12.1	17.4	13.3	15.4

MUSASA

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	16.7	17.0	18.5	20.4	22.1	23.5	24.5	24.6	24.4	23.9	23.1	22.4	21.1
F.	16.4	17.4	18.5	21.0	23.1	24.7	25.7	26.5	26.8	27.0	26.8	24.1	22.1
M.	15.8	16.5	18.9	21.7	23.4	24.7	25.1	24.9	24.4	24.5	23.2	22.4	21.2
A.	16.3	17.1	19.0	21.6	23.5	24.6	25.5	25.7	25.5	24.9	24.2	23.4	21.6
M.	15.3	16.0	17.9	20.5	22.3	23.1	23.5	24.5	24.7	24.9	24.4	23.4	21.2
J.	13.5	14.1	16.9	20.7	22.5	23.5	25.0	25.0	25.2	26.1	25.1	23.6	21.8
J.	12.3	12.8	15.9	20.0	23.1	24.4	25.1	26.1	26.6	27.1	26.8	25.7	22.1
A.	15.3	15.6	18.2	20.8	23.0	24.6	26.5	26.2	26.5	27.2	26.5	25.4	23.9
S.	15.7	16.1	18.7	21.8	23.9	25.0	26.2	27.0	27.3	27.9	27.3	26.6	25.0
O.	16.9	17.8	20.0	22.5	23.9	25.2	26.1	26.1	26.8	25.5	24.7	23.4	21.5
N.	16.1	17.6	20.0	22.5	23.9	24.9	25.7	25.9	25.4	25.1	24.6	24.2	21.8
D.	16.	17.6	19.9	22.0	23.8	25.0	25.7	25.2	24.9	24.6	24.2	23.1	21.7
A.	15.5	16.3	18.5	21.3	23.2	24.4	25.4	25.6	25.6	25.7	25.1	24.0	22.1

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	20.1	19.4	18.9	18.5	18.2	17.8	17.6	17.3	17.1	16.9	16.9	21.9	18.1	20.0
F.	20.6	19.7	18.9	18.5	18.1	18.8	17.3	17.2	17.0	16.9	16.7	23.4	18.1	20.8
M.	20.1	19.1	18.7	18.3	17.9	17.6	17.2	16.8	16.5	16.2	15.9	22.3	17.7	20.0
A.	20.1	19.3	18.7	18.3	17.9	17.6	17.4	17.2	17.0	16.9	16.6	22.8	18.0	20.4
M.	19.9	18.5	17.6	17.0	16.6	16.3	16.1	15.9	15.6	15.4	15.2	21.9	16.9	19.4
J.	19.9	18.5	17.2	16.1	15.4	15.1	15.1	14.7	14.4	14.0	13.8	22.1	16.0	19.1
J.	20.8	19.1	17.2	16.0	14.8	14.6	14.4	14.1	13.5	12.9	12.5	22.6	15.6	19.1
A.	21.6	20.7	19.8	18.9	18.2	17.7	17.3	16.7	16.3	16.0	15.6	23.3	18.2	20.8
S.	22.9	21.4	20.5	19.8	18.9	18.5	18.3	17.9	17.5	16.9	16.3	24.0	19.1	21.6
O.	20.9	20.3	19.6	19.1	18.8	18.6	18.4	18.1	17.8	17.5	17.3	23.3	18.8	21.1
N.	20.6	19.7	19.1	18.7	18.2	18.0	18.0	17.7	17.4	17.1	16.7	23.2	16.6	19.9
D.	20.4	19.6	19.0	18.6	18.2	18.0	17.7	17.5	17.1	17.0	16.6	22.9	18.2	20.6
A.	20.7	19.6	18.8	18.1	17.6	17.3	17.1	16.7	16.5	16.1	15.8	22.8	17.6	20.2

C. TEMPERATURES MINIMA AU-DESSUS DU GAZON.

MOIS	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}	$\bar{T}_{mg}$	T_{ag}
	KISOZI		LUVIRONZA		MUSASA		NYAKISOZI	
J.	-	-	8.6	3.0	14.7	12.4	14.6	11.5
F.	9.4	6.2	7.3	2.0	14.5	11.6	13.0	10.2
M.	8.8	6.0	7.2	4.2	14.0	11.7	13.4	10.7
A.	9.7	6.8	7.8	4.6	14.6	11.0	13.8	10.9
M.	8.5	4.8	6.7	0.6	13.5	9.5	14.2	11.6
J.	6.7	3.4	3.5	0.2	10.8	6.2	12.7	10.1
J.	5.1	1.6	1.1	0.2	9.0	5.6	10.6	7.3
A.	7.4	1.1	5.0	1.2	12.4	5.4	13.7	8.0
S.	7.2	5.0	4.2	0.8	12.9	9.5	14.1	11.1
O.	9.4	6.5	7.6	2.4	14.8	11.2	14.6	11.2
N.	8.7	6.0	6.5	2.8	14.3	12.0	13.7	11.0
D.	8.7	7.2	6.9	3.4	14.7	12.4	14.2	12.1
A.	(7.5)	(1.1)	6.0	0.2	13.3	5.4	13.5	7.3

IV.- LA TEMPERATURE DU SOL NU.

(EN DEGRES CENTIGRADES)

A. TEMPERATURES MOYENNES A 10,20 ET 50 CM DE PROFONDEUR A 06.00,09.00,12.00,15.00 ET 18.00H. TEMPS LOCAL MOYEN.

Lettres conventionnelles.

$\bar{T}_{10}$ = moyenne mensuelle ou annuelle de la température du sol nu à 10 cm de profondeur.
$\bar{T}_{20}$ = moyenne mensuelle ou annuelle de la température du sol nu à 20 cm de profondeur.
$\bar{T}_{50}$ = moyenne mensuelle ou annuelle de la température du sol nu à 50 cm de profondeur.

B. EXTREMES DE LA TEMPERATURE A 10 ET A 20 CM DE PROFONDEUR.

Lettres conventionnelles.

$\bar{T}_{A10}$ = moyenne mensuelle ou annuelle de la température maximum journalière à 10 cm de profondeur.
$\bar{T}_{A20}$ = moyenne mensuelle ou annuelle de la température maximum journalière à 20 cm de profondeur.
$\bar{T}_{a10}$ = moyenne mensuelle ou annuelle de la température minimum journalière à 10 cm de profondeur.
$\bar{T}_{a20}$ = moyenne mensuelle ou annuelle de la température minimum journalière à 20 cm de profondeur.
T_{A10} = température maximum absolue mensuelle ou annuelle à 10 cm de profondeur.
T_{A20} = température maximum absolue mensuelle ou annuelle à 20 cm de profondeur.
T_{a10} = température minimum absolue mensuelle ou annuelle à 10 cm de profondeur.
T_{a20} = température minimum absolue mensuelle ou annuelle à 20 cm de profondeur.

A. TEMPERATURES MOYENNES A 10,20 ET 50 CM DE PROFONDEUR, A 06.00,09.00,12.00,15.00 ET 18.00 H. TEMPS LOCAL MOYEN.

MOIS	$\bar{T}_{10}$	$\bar{T}_{20}$	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$	$\bar{T}_{50}$	$\bar{T}_{10}$	$\bar{T}_{20}$	$\bar{T}_{50}$
	06.00			09.00			12.00			15.00			18.00		
J						KISOZI									
J.	14.9	16.3	17.1	15.4	16.1	17.2	18.6	16.4	17.3	19.5	17.1	17.2	18.7	17.6	17.1
F.	15.1	16.8	17.6	15.6	16.6	17.7	18.8	16.7	17.8	20.6	17.7	17.7	19.7	18.3	17.6
M.	14.6	16.5	17.5	15.5	16.3	17.7	18.8	16.6	17.7	19.8	17.5	17.6	19.2	17.9	17.5
A.	15.2	16.9	17.7	15.8	16.7	17.8	18.4	16.9	17.9	20.5	17.8	17.9	19.8	18.4	17.7
M.	14.5	16.3	17.4	15.1	16.1	17.6	17.5	16.3	17.6	19.3	17.0	17.6	18.8	17.6	17.5
J.	13.5	15.7	17.0	14.0	15.4	17.2	17.1	15.6	17.2	19.3	16.5	17.2	18.7	17.2	17.0
J.	13.3	15.1	16.7	13.7	14.9	16.9	17.1	15.1	17.1	20.1	16.2	17.1	19.6	17.1	16.9
A.	14.9	16.2	17.7	15.2	16.0	17.8	17.8	16.9	17.9	20.1	18.3	17.8	19.8	19.4	17.7
S.	14.3	15.6	17.4	14.9	15.4	17.5	18.0	16.6	17.6	20.1	18.4	17.5	19.5	19.0	17.4
O.	14.8	16.0	17.4	15.7	15.9	17.6	18.7	17.2	17.6	20.2	18.7	17.6	19.0	18.9	17.5
N.	14.4	15.5	17.2	15.5	15.5	17.3	18.4	16.9	17.3	19.3	18.0	17.3	18.5	18.3	17.2
D.	14.9	16.0	17.5	15.9	16.0	17.7	18.9	17.4	17.7	20.2	18.8	17.7	19.2	19.0	17.5
A.	14.4	16.1	17.3	15.2	15.9	17.5	18.1	16.6	17.5	19.9	17.7	17.5	19.2	18.2	17.4
						MUSASA									
J.	20.2	21.4	22.5	20.7	21.5	22.6	23.7	22.0	22.6	25.5	23.3	22.5	24.5	23.8	22.4
F.	21.7	23.3	24.3	22.1	22.9	24.4	25.7	23.8	24.4	28.6	22.8	24.3	27.9	26.6	24.2
M.	21.3	23.0	24.3	22.1	22.7	24.4	26.1	23.8	24.4	28.3	25.6	24.2	26.9	26.1	24.1
A.	21.5	22.8	24.1	22.2	22.8	24.2	26.1	23.6	24.3	28.5	25.6	24.1	27.1	25.8	24.1
M.	20.5	22.0	23.3	21.1	21.7	23.4	24.0	22.6	23.4	26.6	24.1	23.3	25.8	24.7	23.2
J.	20.8	22.6	23.9	21.5	22.3	24.1	25.6	23.3	24.1	28.3	25.2	23.9	27.3	26.0	23.8
J.	21.2	23.0	24.3	21.7	22.6	24.4	26.1	23.7	24.4	29.4	25.8	24.3	28.3	26.7	24.1
A.	22.7	23.9	25.3	23.0	23.9	25.4	27.1	25.2	25.5	30.2	26.9	25.4	29.2	27.8	25.2
S.	23.1	24.9	26.0	23.5	24.5	25.9	27.7	25.5	26.1	30.9	27.6	29.3	29.9	28.5	25.9
O.	22.3	23.9	25.2	23.2	23.6	25.2	27.0	24.7	25.2	29.1	26.6	25.1	27.3	27.1	25.0
N.	21.5	23.1	24.5	22.7	23.3	24.5	26.7	24.1	24.5	26.3	25.9	24.3	27.4	26.3	24.3
D.	21.7	23.3	24.4	22.8	23.1	24.5	26.6	24.2	24.5	26.0	25.8	24.4	27.2	26.3	24.3
A.	21.5	23.1	24.3	22.2	22.9	24.4	26.0	23.9	24.4	28.1	25.4	24.6	27.4	26.3	24.2

B. EXTREMES DE LA TEMPERATURE A 10 ET 20 CM DE PROFONDEUR.

MOIS	$\bar{T}_{A10}$	$\bar{T}_{A20}$	$\bar{T}_{a10}$	$\bar{T}_{a20}$	T_{A10}	T_{A20}	T_{a10}	T_{a20}	$\bar{T}_{A10}$	$\bar{T}_{A20}$	$\bar{T}_{a10}$	$\bar{T}_{a20}$	T_{A10}	T_{A20}	T_{a10}	T_{a20}
	KISOZI								MUSASA							
J.	19.9	17.8	14.7	16.0	21.8	18.9	12.9	15.2	26.0	23.9	20.1	21.2	29.3	27.3	18.6	19.9
F.	20.7	18.5	14.8	16.5	22.9	19.9	12.7	15.4	29.2	26.6	21.5	23.0	33.2	29.3	19.9	21.2
M.	20.3	18.1	14.4	16.2	22.7	18.8	12.6	15.5	28.9	26.2	21.1	22.7	31.9	28.7	19.2	20.8
A.	20.9	18.6	14.9	16.6	22.8	19.6	12.9	15.4	28.8	26.2	21.5	22.8	32.3	28.8	19.3	21.2
M.	19.7	17.8	14.3	16.0	21.0	18.8	12.2	14.6	26.9	24.7	20.4	21.7	30.6	27.0	18.9	20.9
J.	19.5	17.4	13.2	15.3	22.2	19.2	11.1	13.7	28.5	26.2	20.4	22.3	32.3	28.8	18.2	20.2
J.	-	-	-	-	-	-	-	-	29.6	26.8	20.9	22.6	30.8	27.7	19.5	21.7
A.	20.5	19.7	14.7	15.8	25.0	22.9	13.2	14.4	30.4	27.8	22.2	23.8	33.3	29.8	20.6	22.4
S.	20.2	19.1	14.0	15.2	22.8	20.9	12.0	13.6	31.1	28.5	22.8	24.4	34.5	31.2	19.0	21.4
O.	20.3	19.0	14.7	15.7	23.3	21.6	13.1	14.6	29.5	27.1	22.2	23.6	34.7	31.6	20.1	21.1
N.	19.6	18.4	14.2	15.4	21.4	19.5	13.2	14.1	28.4	27.2	21.4	22.8	34.2	30.5	20.0	20.1
D.	20.4	19.1	14.3	15.3	22.7	20.6	13.8	15.1	29.3	26.3	21.7	23.1	34.1	30.4	19.7	21.2
A.	-	-	-	-	-	-	-	-	28.9	26.5	21.3	22.8	34.7	31.6	18.2	19.9

V.- L'HUMIDITE DE L'AIR.

A. HUMIDITES MOYENNES A 06.00,09.00,12.00,15.00 ET 18.00H.,TEMPS LOCAL MOYEN,ET HUMIDITES MOYENNES JOURNALIERES.

Lettres conventionnelles.

$\bar{T}$ = moyenne mensuelle ou annuelle de température du thermomètre sec à l'heure h.

$\bar{e}$ = moyenne mensuelle ou annuelle de la tension de vapeur en millibars à l'heure h. ou journalière J.

$\Delta\bar{e}$ = moyenne mensuelle ou annuelle du déficit de saturation en millibars à l'heure h. ou journalière J.

$\bar{U}$ = moyenne mensuelle ou annuelle de l'humidite relative en pour cent à l'heure h. ou journalière J.

J. = moyenne journalière calculée sur les heures d'éclairement $J = \frac{1}{2}\left(\frac{06.00 + 18.00}{2} + 12.00\right)$.

B. VARIATIONS MOYENNES HORAIRES DES CARACTERISTIQUES DE L'HUMIDITE DE L'AIR.

a - Tension de vapeur d'eau en millibars.
b - Humidité relative en pour cent.
c - Déficit de saturation en millibars.

A. HUMIDITIES MOYENNES A 06.00,09.00,12.00,15.00 ET 18.00 H., TEMPS LOCAL MOYEN ET HUMIDITES MOYENNES JOURNALIERES.

KISOZI

MOIS	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$
		06.00				09.00				12.00				15.00		
J.	13.1	13.3	2.0	83	16.6	14.1	4.8	75	18.9	13.5	8.3	62	18.1	13.9	6.9	67
F.	13.0	13.5	1.6	90	17.6	14.7	5.5	74	20.0	14.8	8.8	65	19.3	13.9	7.9	67
M.	12.2	13.3	0.9	94	18.0	14.5	6.2	70	18.8	14.5	7.2	67	17.9	15.4	5.5	76
A.	12.9	14.0	0.9	94	16.9	14.8	4.6	75	18.7	14.9	6.7	69	19.7	15.5	7.6	68
M.	12.0	13.4	0.4	95	16.0	14.7	3.4	80	17.7	15.0	5.3	75	18.4	15.0	6.1	72
J.	10.1	11.4	1.0	92	16.5	12.9	6.2	68	18.6	13.3	8.4	62	18.7	13.5	9.2	60
J.	9.6	10.1	1.9	84	16.1	11.3	7.1	62	18.6	11.6	10.0	54	20.1	11.8	11.9	50
A.	12.1	11.3	2.8	81	16.2	12.3	6.1	67	18.4	12.6	8.7	60	19.2	12.5	10.0	57
S.	11.9	11.7	2.3	84	17.6	13.1	7.0	66	19.1	13.3	9.0	61	19.9	13.0	10.4	57
O.	13.1	13.1	2.0	87	17.7	14.3	6.0	71	19.4	14.5	8.2	65	18.4	14.2	7.4	69
N.	13.5	13.0	2.5	84	18.1	14.7	6.3	71	19.0	15.1	7.0	70	18.2	14.9	6.2	72
D.	12.9	13.6	1.4	91	17.5	14.8	5.2	74	19.4	14.9	7.7	67	18.5	15.0	6.5	71
A.	12.2	12.6	1.6	88	17.1	13.8	5.7	71	18.9	14.0	7.9	65	18.9	14.1	8.0	65

		18.00				J.		
J.	15.7	14.8	3.1	83	13.8	5.4	73	
F.	16.3	14.9	3.8	81	14.5	5.7	75	
M.	15.4	15.0	2.6	86	14.3	4.5	79	
A.	16.1	15.4	2.9	84	14.8	4.3	79	
M.	15.5	15.0	2.6	85	14.6	3.4	83	
J.	15.9	13.9	4.2	77	13.0	5.5	73	
J.	16.2	12.7	5.8	69	11.5	6.9	65	
A.	16.1	12.8	5.6	71	12.3	6.5	68	
S.	16.9	13.5	5.7	71	12.9	6.5	69	
O.	15.6	14.3	3.7	81	14.1	5.5	75	
N.	15.6	14.7	3.1	83	14.5	4.9	77	
D.	15.1	15.0	2.3	87	14.6	4.8	78	
A.	15.9	14.3	3.8	80	13.7	5.6	74	

LUVIRONZA

MOIS	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$	$\bar{T}$	$\bar{e}$	$\Delta\bar{e}$	$\bar{U}$
	06.00				09.00				12.00				15.00			
J.	13.2	15.0	0.3	98	18.3	16.7	4.4	80	21.0	16.1	8.0	64	19.3	16.3	6.4	75
F.	12.7	14.5	0.3	98	18.7	16.9	4.7	80	21.6	16.9	9.1	66	20.6	16.7	7.7	70
M.	12.2	14.0	0.3	98	19.5	17.4	5.3	77	20.8	17.2	7.6	71	19.8	16.9	6.5	74
A.	12.5	14.2	0.4	98	18.7	17.2	4.6	80	21.2	17.6	7.9	70	21.4	17.5	8.2	69
M.	11.4	13.4	0.2	98	17.9	16.4	4.4	80	19.8	16.5	6.8	72	20.3	16.5	7.1	71
J.	8.6	11.2	0.2	99	18.4	14.9	6.5	71	20.5	14.8	9.6	62	20.8	14.5	10.0	61
J.	7.3	10.0	0.4	97	17.7	12.6	8.9	63	20.6	12.6	12.0	52	22.2	13.1	13.8	49
A.	11.3	11.9	1.9	89	17.8	13.4	7.4	65	17.5	13.6	11.1	54	22.0	13.4	12.9	51
S.	10.1	12.1	0.4	98	19.5	14.6	8.3	64	21.4	14.2	11.5	56	22.5	14.0	13.5	52
O.	12.4	14.0	0.6	96	19.7	15.7	7.5	69	20.9	15.7	9.2	65	20.3	15.6	8.8	69
N.	12.2	14.0	0.3	98	19.9	16.0	7.3	70	20.5	16.1	8.2	68	19.9	16.3	7.2	72
D.	12.1	14.0	0.2	99	19.1	16.6	5.8	75	21.2	16.7	8.7	67	20.0	16.9	6.9	73
A.	11.3	13.2	0.5	97	18.8	15.7	6.3	73	20.6	15.7	9.1	64	20.8	15.6	9.1	65
	18.00				J.											
J.	16.9	16.2	3.2	85		15.9	4.9	77								
F.	17.2	16.5	3.4	84		16.2	5.5	79								
M.	16.4	16.5	2.4	88		16.3	4.5	82								
A.	17.1	16.6	3.1	86		16.5	4.8	81								
M.	16.6	16.1	2.9	85		15.6	4.1	81								
J.	16.9	14.5	4.9	76		13.8	6.1	75								
J.	17.4	12.7	7.4	65		11.9	7.9	67								
A.	17.1	13.0	7.7	65		13.1	7.9	65								
S.	18.4	13.9	7.5	66		13.6	7.7	69								
O.	17.1	14.9	4.9	78		15.1	5.9	76								
N.	17.1	16.0	3.8	83		15.5	5.1	79								
D.	16.3	16.5	2.3	89		16.0	5.0	81								
A.	17.1	15.3	4.5	79		14.9	5.9	76								

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MOIS	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū
		06.00				09.00				12.00				15.00		
J.	16.7	17.7	1.4	93	20.4	19.6	4.4	82	24.5	20.4	10.7	67	23.9	19.7	10.5	68
F.	16.4	17.6	1.6	93	21.0	19.7	5.4	79	25.7	20.5	12.3	62	27.0	19.7	16.2	56
M.	15.8	16.7	1.3	93	21.7	20.2	5.9	78	25.1	20.2	11.9	64	24.5	20.1	11.1	69
A.	16.3	17.6	1.2	94	21.6	20.3	5.6	79	25.5	20.6	12.2	63	24.9	20.3	11.7	65
M.	15.3	16.5	1.3	93	20.5	18.9	5.3	79	23.5	18.7	14.0	65	24.9	17.6	12.9	60
J.	13.5	14.5	1.1	93	20.7	17.2	7.2	71	25.0	16.9	14.9	54	26.1	16.4	17.7	49
J.	12.3	13.0	1.4	91	20.0	14.1	8.6	63	25.1	14.7	17.3	46	27.1	14.9	21.1	41
A.	15.3	14.9	2.6	85	20.8	16.0	8.7	65	26.5	15.7	18.0	47	27.2	15.8	20.3	48
S.	15.7	16.1	2.1	88	21.8	17.5	8.9	67	26.2	17.5	16.9	53	27.9	17.4	20.7	47
O.	16.9	17.6	1.7	91	22.5	19.2	8.3	71	26.1	19.1	15.2	58	25.5	18.7	14.7	60
N.	16.1	17.9	1.8	90	22.5	19.5	8.2	71	25.7	19.0	14.6	59	25.1	18.9	13.4	61
D.	16.4	17.8	1.5	93	22.0	20.5	6.1	00	25.8	20.0	13.3	61	24.6	19.6	11.8	64
A	15.6	16.5	1.6	91	21.3	18.6	6.9	74	25.4	18.6	14.3	58	25.7	18.3	15.2	57
		18.00					J.									
J.	21.1	19.8	5.7	79		19.5	7.1	77								
F.	22.1	19.6	7.4	74		19.5	8.4	73								
M.	21.2	19.9	5.5	79		19.3	7.7	75								
A.	21.6	20.3	5.7	79		19.7	7.9	75								
M.	21.2	19.0	6.4	75		18.2	8.9	75								
J.	21.8	17.1	9.1	66		16.3	10.0	67								
J.	22.1	14.4	12.7	51		14.2	12.2	59								
A.	23.9	15.7	14.2	53		15.5	13.2	58								
S.	25.0	17.3	14.5	55		17.1	12.6	62								
O.	21.5	18.9	8.2	72		18.7	10.1	69								
N.	21.8	18.9	7.6	73		18.7	9.7	70								
D.	21.7	19.4	6.4	76		19.3	8.6	73								
A.	22.1	18.3	8.6	69		18.0	9.7	69								

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MOIS	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū	T̄	ē	Δē	Ū
		06.00				09.00				12.00				15.00		
J.	16.4	17.5	1.2	93	20.6	18.8	5.6	78	24.1	18.5	11.9	62	24.4	17.9	13.1	59
F.	15.5	16.5	1.3	93	20.7	19.0	5.3	79	25.1	18.7	13.4	59	25.9	16.9	16.4	52
M.	16.2	17.5	1.1	94	19.8	19.1	4.1	92	22.9	18.5	9.9	67	23.3	18.0	11.1	65
A.	16.7	17.9	1.2	94	20.7	19.7	4.8	81	24.4	19.3	11.5	64	24.7	18.8	12.7	62
M.	16.4	17.3	1.5	93	20.5	18.6	5.4	78	23.9	18.2	11.6	62	24.4	18.1	13.0	57
J.	15.2	15.6	1.8	90	20.6	17.6	6.8	73	24.6	16.6	14.5	54	26.2	15.6	20.0	46
J.	13.9	13.9	2.3	87	20.6	15.2	9.3	63	25.7	13.8	19.3	42	27.2	13.6	22.1	40
A.	16.3	15.1	3.8	81	21.2	15.3	10.1	62	24.7	15.2	16.0	49	25.7	15.6	17.6	48
S.	17.2	17.1	2.6	87	21.9	17.5	8.4	68	25.1	16.1	16.0	51	25.6	16.5	16.4	51
O.	16.8	17.6	1.7	92	21.4	19.1	6.6	75	24.7	18.1	13.2	59	24.0	18.1	12.2	61
N.	16.4	17.4	1.3	93	21.3	19.5	5.9	77	24.9	19.3	12.3	62	24.0	18.8	11.5	64
D.	16.7	18.0	1.2	94	21.2	20.0	5.3	80	24.1	18.8	11.6	63	23.2	18.9	10.0	68
A.	16.1	16.8	1.7	91	20.9	18.3	6.5	75	24.5	17.6	13.4	58	24.9	17.2	14.7	56
		18.00				J.										
J.	20.9	17.3	5.6	78		18.0	7.7	74								
F.	21.8	18.0	8.3	69		17.3	9.1	70								
M.	21.0	19.1	5.9	77		18.4	6.7	77								
A.	21.3	19.5	6.0	78		19.0	7.6	74								
M.	20.8	18.7	6.0	78		18.1	7.7	74								
J.	21.6	16.5	9.4	64		16.1	10.1	66								
J.	22.6	13.5	14.1	50		13.8	13.8	56								
A.	23.2	14.9	13.8	53		15.1	12.4	58								
S.	22.9	16.3	11.8	59		16.4	11.6	62								
O.	21.1	18.3	7.1	73		18.0	8.8	71								
N.	20.3	19.2	4.9	70		18.8	7.7	71								
D.	20.3	19.1	4.2	83		18.7	7.1	76								
A.	21.5	17.5	8.1	69		17.3	9.2	69								

B. VARIATIONS MOYENNES HORAIRES DES CARACTERISTIQUES DE L'HUMIDITE DE L'AIR.

KISOZI

a. T E N S I O N D E V A P E U R D'E A U (e) E N MB :

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	13.3	14.2	15.0	14.1	15.1	15.0	13.5	15.0	15.1	13.9	15.2	15.4	14.8
F.	13.5	13.4	15.0	14.7	15.2	15.2	14.8	14.7	14.6	14.7	15.0	15.0	14.9
M.	13.3	13.8	15.7	14.5	15.8	15.6	14.5	15.6	15.5	15.4	15.5	15.3	15.0
A.	14.0	14.7	15.4	14.8	15.1	15.8	14.9	16.0	15.8	15.5	15.7	15.9	15.4
M.	13.4	14.4	14.9	14.6	15.1	15.1	15.0	15.0	15.5	15.0	15.6	15.4	15.0
J.	11.4	11.3	13.2	12.9	13.1	12.9	13.3	13.3	13.0	13.5	13.2	13.5	13.9
J.	10.1	11.1	11.2	11.3	11.3	12.4	11.6	11.4	11.5	11.8	11.5	12.0	12.7
A.	11.3	11.6	12.1	12.3	12.2	12.6	12.6	12.5	12.4	12.5	12.2	12.5	12.8
S.	11.7	12.3	13.3	13.1	13.4	13.3	13.3	13.3	13.0	13.0	12.7	13.1	13.5
O.	13.1	14.0	14.5	14.3	14.5	14.5	14.5	14.4	14.2	14.2	14.2	14.9	14.3
N.	13.0	14.1	15.0	14.7	15.3	15.3	15.1	15.0	15.2	14.9	14.9	14.9	14.7
D.	13.0	14.8	15.2	14.8	15.3	15.7	14.9	15.1	15.3	15.0	15.2	15.4	15.0
A.	12.6	13.3	14.2	13.8	14.3	14.5	14.0	14.3	14.3	14.1	14.2	14.4	14.3

MOIS	19	20	21	22	23	24	25	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	15.4	15.4	15.2	15.0	14.8	14.6	14.3	13.9	13.8	13.8	13.8	14.6	14.5	14.6
F.	14.9	14.7	14.8	14.7	14.4	14.2	14.2	13.9	13.8	13.8	13.6	14.7	14.3	14.5
M.	15.0	15.0	14.9	14.7	14.5	14.2	14.2	14.0	13.7	13.5	15.1	15.1	14.3	14.7
A.	15.3	15.2	15.4	15.1	15.0	14.9	14.6	14.5	14.6	14.1	14.2	15.4	14.8	15.1
M.	15.0	14.9	14.8	14.5	14.2	13.9	13.7	13.4	13.4	13.3	13.4	15.0	14.0	14.5
J.	13.4	13.5	13.4	12.9	12.8	12.3	12.2	12.0	11.5	11.4	11.3	13.0	12.4	12.7
J.	12.7	12.5	12.4	12.3	12.0	11.9	11.5	11.2	10.8	10.5	10.3	11.5	11.6	11.6
A.	12.8	12.7	12.5	11.8	12.0	11.6	11.5	11.5	11.4	11.4	11.3	12.3	11.9	12.1
S.	13.6	13.8	13.5	13.1	12.8	12.7	11.8	12.1	12.2	11.9	11.9	13.0	12.7	12.9
O.	14.4	14.6	14.5	14.3	14.2	14.0	13.8	13.6	13.6	13.2	13.2	14.3	13.9	14.1
N.	14.8	14.8	14.6	14.3	14.1	13.9	13.8	13.8	13.6	13.5	13.5	14.9	14.0	14.5
D.	15.0	14.9	14.6	14.5	14.5	14.5	14.5	14.2	14.1	13.9	13.9	15.1	14.4	14.8
A.	14.3	14.3	14.2	13.9	13.8	13.5	13.3	13.1	13.0	12.9	12.8	14.1	13.6	13.9

b. HUMIDITE RELATIVE (U) EN %.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	83	90	86	75	73	70	62	67	69	67	75	80	83	
F.	90	85	83	74	70	67	65	61	63	67	69	74	81	
M.	94	91	87	70	71	69	67	73	75	76	78	82	86	
A.	94	93	87	75	74	75	69	71	69	68	70	78	84	
M.	95	97	88	80	79	77	75	69	73	72	75	78	85	
J.	92	89	80	68	64	62	62	58	56	60	57	62	77	
J.	84	80	70	62	58	60	54	51	50	50	50	57	69	
A.	81	78	71	67	64	65	60	56	55	57	55	60	71	
S.	84	82	74	66	62	60	61	57	56	57	55	59	71	
O.	87	87	78	71	67	64	65	63	64	69	69	77	81	
N.	84	87	79	71	69	69	70	69	78	72	73	77	83	
D.	91	93	82	74	74	70	67	68	70	71	77	82	87	
A.	88	88	80	71	69	67	65	64	65	65	67	72	80	
MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	89	91	90	91	91	92	92	90	91	91	91	75	90	83
F.	84	85	86	87	87	87	88	89	90	91	91	72	87	80
M.	89	91	92	91	93	93	94	94	94	93	93	77	92	85
A.	87	89	92	91	93	95	94	95	96	94	95	76	93	85
M.	89	92	93	94	95	96	96	94	96	97	96	79	94	87
J.	76	81	84	88	91	93	93	94	93	93	94	67	88	78
J.	73	77	81	85	87	90	89	89	87	86	86	60	84	72
A.	75	83	86	75	82	81	81	82	82	82	82	64	80	72
S.	76	73	81	75	82	86	80	82	86	83	85	64	81	72
O.	84	86	86	86	88	89	89	90	90	88	88	71	87	79
N.	85	87	87	88	87	87	88	86	86	86	85	75	86	81
D.	90	92	91	92	92	93	93	92	93	93	93	76	92	84
A.	83	86	87	87	89	90	90	90	90	90	90	71	88	80

6. DEFICIT DE SATURATION (De) EN MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J.	2.0	1.6	2.4	4.8	5.6	6.5	8.3	7.2	6.8	6.9	5.0	3.8	3.1
F.	1.6	2.5	3.0	5.5	6.4	7.4	8.8	9.4	8.5	7.9	6.8	5.3	3.8
M.	0.9	1.3	2.4	6.2	6.1	7.1	7.2	5.6	5.0	5.5	4.2	3.4	2.6
A.	0.9	1.1	2.3	4.6	5.2	5.2	6.7	6.7	7.2	7.6	6.9	4.6	2.9
M.	0.4	0.5	2.1	3.4	4.0	4.5	5.3	6.6	5.8	6.1	5.2	4.4	2.6
J.	1.0	1.4	3.5	6.2	7.3	8.1	8.4	9.7	10.4	9.2	9.8	9.3	4.2
J.	1.9	2.8	5.0	7.1	8.2	8.2	10.0	11.1	11.7	11.9	11.4	9.0	5.8
A.	2.8	3.4	5.0	6.1	6.8	7.0	8.7	9.9	10.1	10.0	10.1	8.4	5.6
S.	2.3	2.7	4.8	7.0	8.0	8.8	9.0	10.0	10.1	10.4	10.5	9.0	5.7
O.	2.0	2.3	4.1	6.0	7.1	8.0	8.2	8.5	8.2	7.4	6.4	4.4	3.7
N.	2.5	2.3	4.0	6.3	6.9	6.9	7.0	6.8	5.8	6.2	5.7	4.6	3.1
D.	1.4	1.2	3.4	5.2	5.2	6.7	7.7	7.1	6.6	6.5	4.3	3.3	2.3
A.	1.6	1.9	3.5	5.7	6.4	7.0	7.9	8.2	8.0	8.0	7.2	5.8	3.8

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	1.8	1.5	1.7	1.5	1.0	1.3	1.4	1.6	1.3	1.3	1.3	5.1	1.5	3.3
F.	2.8	2.7	2.5	2.1	2.2	2.1	1.9	1.8	1.5	1.3	1.4	6.2	2.1	4.2
M.	1.9	1.4	1.4	1.4	1.1	1.0	0.8	0.8	1.0	1.0	1.1	4.6	1.2	2.4
A.	2.2	1.8	1.3	1.5	1.1	0.8	0.9	0.9	0.6	0.9	0.8	5.0	1.2	3.1
M.	2.9	1.3	1.1	1.0	0.8	0.6	0.6	1.0	0.7	0.6	0.6	4.1	1.1	2.6
J.	4.4	3.1	2.5	1.8	1.2	1.0	1.0	0.8	0.9	0.8	0.7	7.1	1.8	4.5
J.	4.6	3.8	2.9	2.2	1.8	1.3	1.4	1.3	1.6	1.7	1.7	8.3	2.3	5.3
A.	4.4	2.8	2.3	4.0	2.8	2.9	3.0	2.6	2.6	2.6	2.6	7.1	3.1	5.1
S.	4.3	3.0	3.2	3.5	2.9	2.2	2.5	2.7	2.1	2.5	2.2	7.5	2.9	5.2
O.	3.0	2.6	2.6	2.4	2.0	1.8	1.8	1.6	1.6	2.0	2.0	6.1	2.2	4.2
N.	2.4	2.2	2.1	2.0	2.1	2.1	2.0	2.0	2.2	2.2	2.4	5.4	2.2	3.8
D.	1.7	1.2	1.7	1.3	1.3	1.1	1.1	1.3	1.1	1.1	1.1	4.9	1.3	3.1
A.	3.0	2.3	2.1	2.1	1.7	1.5	1.5	1.5	1.4	1.5	1.5	5.9	1.9	3.9

MUSASA

a. TENSION DE VAPEUR D'EAU (e) EN MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	17.7	18.4	19.5	19.6	20.3	20.3	20.4	19.7	19.6	19.7	19.5	19.8	19.7	
F.	17.6	17.7	19.3	19.7	21.0	21.4	20.5	19.8	19.5	19.7	18.8	18.1	19.6	
M.	16.7	18.0	19.6	20.2	20.8	20.7	20.2	20.0	19.9	20.1	19.9	19.8	19.9	
A.	17.6	18.9	20.1	20.3	20.5	20.4	20.6	20.3	20.2	20.3	19.5	19.7	20.3	
M.	16.5	15.8	18.9	18.9	19.2	19.3	18.7	18.7	18.6	18.6	18.4	19.1	19.0	
J.	14.5	15.0	16.4	17.2	16.9	16.6	16.9	16.2	16.0	16.4	16.0	16.4	17.1	
J.	13.0	12.8	14.1	14.7	14.0	13.8	14.7	13.4	13.5	14.9	12.5	13.3	14.4	
A.	14.9	14.1	14.6	16.0	13.8	13.9	15.7	14.7	14.7	15.8	13.3	13.3	15.7	
S.	16.1	16.1	16.6	17.5	16.9	15.9	17.5	16.0	16.2	17.4	15.6	15.9	17.3	
O.	17.6	17.5	19.0	19.2	19.4	18.9	19.1	17.9	17.9	18.7	18.2	18.5	18.9	
N.	17.9	18.4	18.8	19.5	19.6	19.1	19.0	18.4	18.5	18.9	18.7	18.4	18.9	
D.	17.8	18.9	19.7	20.5	20.5	20.1	20.0	20.1	19.7	19.6	19.4	19.9	19.4	
A.	17.9	16.8	18.0	18.6	18.6	18.4	18.6	17.9	17.9	18.3	17.5	17.7	18.3	

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	19.8	19.8	19.8	19.7	19.3	19.0	18.8	18.6	18.3	18.1	18.1	19.6	19.0	19.3
F.	19.8	19.8	19.8	19.5	19.2	19.0	19.1	18.6	18.4	18.3	18.1	19.5	19.0	19.3
M.	19.6	19.7	19.5	19.4	18.9	18.8	18.4	18.2	17.8	17.6	17.3	19.8	18.6	19.2
A.	20.6	20.5	20.3	20.0	19.7	19.5	19.2	19.0	18.9	18.7	18.3	20.0	19.5	19.8
M.	19.1	19.1	18.9	18.6	18.3	18.0	17.7	17.5	17.2	17.1	16.9	18.5	18.0	18.3
J.	16.7	17.0	16.8	16.3	16.0	15.9	15.5	15.3	15.0	14.8	14.6	16.3	15.8	16.1
J.	14.1	14.4	14.4	13.9	13.9	13.6	13.5	13.2	13.0	12.7	12.5	13.8	13.6	13.7
A.	15.4	15.6	15.3	14.9	15.2	15.1	14.7	14.8	14.7	14.6	14.5	14.6	15.0	14.8
S.	16.4	16.9	16.5	16.5	16.3	16.1	16.0	15.7	15.5	15.5	15.6	16.5	16.1	16.3
O.	18.8	18.6	18.9	18.7	18.7	18.4	18.2	18.2	18.0	17.8	17.8	18.5	18.4	18.5
N.	18.6	18.6	18.5	18.2	17.9	17.7	17.3	17.5	17.2	17.2	17.1	18.8	17.8	18.3
D.	20.0	18.9	19.7	19.6	19.5	19.2	18.9	18.6	18.5	18.4	18.1	19.7	19.0	19.4
A.	18.2	18.2	18.2	17.9	17.7	17.5	17.3	17.1	16.9	16.7	16.6	18.0	17.5	17.8

b. HUMIDITE RELATIVE (U) EN %.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18	
J.	93	95	91	82	76	70	67	64	64	68	69	73	79	
F.	93	89	91	79	74	69	62	57	55	56	55	60	74	
M.	93	96	89	78	72	71	64	67	65	69	70	73	79	
A.	94	97	91	79	75	66	63	61	62	65	64	68	79	
M.	93	87	87	79	71	68	65	60	60	60	60	66	75	
J.	93	93	85	71	62	57	54	51	50	49	50	56	66	
J.	91	87	78	65	49	45	46	40	39	41	35	40	51	
A.	85	80	70	65	49	45	47	43	42	48	38	41	53	
S.	88	88	77	67	57	50	53	45	45	46	43	46	55	
O.	91	86	81	71	65	59	58	53	53	60	58	64	72	
N.	90	92	80	71	66	61	59	55	57	61	60	61	73	
D.	93	94	85	80	70	63	61	63	62	64	64	70	76	
A.	91	90	84	74	65	60	58	55	54	57	55	60	69	

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	84	88	90	92	92	93	93	94	94	93	93	73	91	82
F.	82	86	90	91	92	93	96	95	95	95	95	69	91	80
M.	83	89	90	92	92	93	94	95	95	95	96	77	92	85
A.	87	91	94	95	96	96	96	97	98	97	97	73	94	84
M.	82	89	94	96	97	97	97	97	97	98	98	71	94	83
J.	72	80	86	89	91	94	91	91	91	92	93	63	87	75
J.	57	65	73	76	82	82	82	82	84	86	86	53	77	65
A.	60	64	66	68	73	75	74	78	79	80	82	53	72	63
S.	59	66	68	71	75	76	76	76	68	81	84	57	73	65
O.	76	78	83	85	86	86	86	88	89	89	90	66	85	76
N.	77	81	84	84	86	86	84	87	87	88	90	67	85	76
D.	83	83	90	92	93	93	93	93	95	95	96	72	91	82
A.	75	80	84	86	88	89	88	89	90	91	92	66	86	76

c. DEFICIT DE SATURATION (δe) EN MB.

MOIS	6	7	8	9	10	11	12	13	14	15	16	17	18
J	1.4	1.0	1.8	4.4	6.3	8.7	10.7	11.3	11.0	10.5	8.8	7.3	5.7
F.	1.6	2.2	2.1	5.4	7.3	9.7	12.3	14.8	15.8	16.2	15.3	12.0	7.4
M.	1.3	0.9	2.3	5.9	7.9	8.4	11.9	9.7	10.7	11.1	8.5	7.3	5.5
A.	1.2	0.6	1.9	5.6	6.7	10.5	12.2	12.7	12.4	11.7	10.7	9.1	5.7
M.	1.3	2.5	2.6	5.3	7.8	9.8	10.1	12.1	12.5	12.9	12.1	9.7	6.4
J.	1.1	122	3.0	7.2	10.4	12.4	12.9	15.5	15.9	17.7	15.9	12.7	9.1
J.	1.4	2.1	4.1	8.6	14.3	16.9	17.3	20.5	21.4	21.1	22.8	19.8	12.7
A.	2.6	3.7	6.4	8.7	14.4	17.1	18.0	19.4	20.0	20.3	21.4	19.2	14.2
S.	2.1	5.1	8.9	12.9	15.9	16.9	19.7	20.1	20.2	20.7	18.9	18.9	14.5
O.	1.7	2.9	4.5	8.3	10.3	13.2	15.2	15.9	15.7	14.7	13.0	10.3	8.2
N.	1.8	1.8	4.7	8.2	10.1	12.4	14.6	15.1	14.0	13.4	12.3	11.9	7.6
D.	1.5	1.3	3.6	6.1	9.0	11.6	13.3	12.0	11.9	11.8	10.8	8.4	6.4
A.	1.6	1.9	3.5	6.9	9.8	12.2	13.9	14.9	15.1	15.1	14.3	12.2	8.6

MOIS	19	20	21	22	23	24	1	2	3	4	5	6-18h.	18-6h.	6-6h.
J.	3.8	2.8	2.1	1.7	1.7	1.4	1.4	1.2	1.2	1.3	1.3	7.1	1.9	4.5
F.	4.5	3.2	2.1	1.8	1.6	1.4	0.8	1.1	1.0	1.0	1.0	9.8	2.0	5.9
M.	4.0	2.5	2.1	1.7	1.6	1.4	1.3	1.0	1.0	1.0	0.9	7.3	1.8	4.6
A.	2.9	1.9	1.3	1.0	0.8	0.7	0.7	0.7	0.6	0.6	0.6	8.1	1.3	4.7
M.	4.2	2.3	1.3	0.9	0.6	0.6	0.6	0.6	0.6	0.4	0.4	8.4	1.4	4.9
J.	6.6	4.4	2.9	2.1	1.6	1.2	1.8	1.6	1.4	1.4	1.3	11.2	2.6	6.9
J.	10.6	7.8	5.4	4.4	3.1	3.2	3.1	3.0	2.6	2.3	2.2	14.7	4.6	9.7
A.	10.5	8.9	7.9	7.1	5.8	5.3	5.2	4.4	4.0	3.7	3.4	14.7	6.2	10.5
S.	11.6	8.7	7.7	6.7	5.6	5.3	5.2	4.9	4.6	3.9	3.1	14.1	6.3	10.2
O.	5.9	5.3	4.0	3.5	3.1	3.1	3.0	2.6	2.4	2.3	2.1	10.7	3.5	7.1
N.	5.7	4.4	3.7	3.5	3.1	3.0	3.4	2.9	2.7	2.4	2.0	10.3	3.5	6.9
D.	4.0	3.9	2.3	1.9	1.5	1·5	1.4	1.5	1.1	1.0	0.9	8.6	2.1	5.4
A.	6.2	4.7	3.6	3.0	2.5	2.3	2.3	2.1	1.9	1.8	1.6	10.4	3.1	6.8

VI.- L'I N S O L A T I O N.

(EN DIXIEMES D'HEURE).

A. INSOLATION MENSUELLE OU ANNUELLE EFFECTIVE ET RELATIVE.

Lettres conventionnelles.

I = insolation mensuelle ou annuelle effective.

(I)N = moyenne de référence calculée sur le plus grand nombre d'années au cours de la période 1951-1961.

I-(I)N = écart de I à la normale (normale = moyenne de référence calculée sur le plus grand nombre d'années au cours de la période 1951-1961.

Ir = insolation mensuelle ou annuelle relative en pour cent (pourcentage de l'insolation mensuelle ou annuelle effective à l'insolation mensuelle ou annuelle astronomiquement possible.)

(Ir)N = moyenne de référence de l'insolation mensuelle ou annuelle relative en pour cent.

Ir-(Ir)N= écart de Ir à la normale (normale = moyenne de référence ....)

B. VARIATION HORAIRE MENSUELLE ET ANNUELLE (de 7 A 17.00H.) EN POUR CENT DE LA DUREE DE L'INSOLATION.

A. INSOLATION MENSUELLE OU ANNUELLE EFFECTIVE ET RELATIVE.

MOIS	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$	I	$(I)_N$	$I-(I)_N$	Ir	$(Ir)_N$	$Ir-(Ir)_N$
			KISOZI(7)						MUSASA(7)			
J.	1102	1503	-401	28.9	39.4	-10.5	1406	1795	-389	36.9	47.1	-10.2
F.	1232	1357	-125	34.8	38.3	-3.5	1548*	1548	-	-	43.6	-
M.	1639*	1639	-	-	43.6	-	1811*	1811	-	-	48.2	-
A.	1570	1568	+2	43.5	43.4	+0.1	1590	1856	-266	44.0	51.4	-7.4
M.	1350	1709	-359	36.4	46.1	-9.7	1680	2153	-473	45.3	58.0	-12.7
J.	2258	2183	+75	63.2	61.1	+2.1	2568*	2568	-	-	71.9	-
J.	2281*	2281	-	-	61.6	-	2901	2699	+202	78.4	72.9	+5.5
A.	1650	2254	-604	44.4	60.6	-16.2	2031	2682	-651	54.6	72.1	+17.5
S.	1750	1972	-222	48.2	54.3	-16.1	2184	2366	-182	60.2	65.2	-5.0
O.	1318	1849	-531	35.0	49.0	-14.0	1534	2213	-679	40.7	58.7	-18.0
N.	1438	1425	+13	39.1	38.7	+0.4	1632	1710	-78	44.3	46.5	-2.2
D.	1625	1371	+254	42.5	35.9	+6.6	1745	1560	+185	45.7	40.8	+4.9
A.	19213+	21111	-	-	47.6	-	22630+	24961	-	-	56.3	-
			NYAKISOZI									
J.	-	-	-	-	-	-						
F.	-	-	-	-	-	-						
M.	1525	-	-	40.6	-	-						
A.	1639	-	-	45.3	-	-						
M.	1693	-	-	45.5	-	-						
J.	2050	-	-	57.1	-	-						
J.	2665	-	-	71.6	-	-						
A.	1770	-	-	47.5	-	-						
S.	1742	-	-	48.0	-	-						
O.	1589	-	-	42.1	-	-						
N.	1633	-	-	44.5	-	-						
D.	1481	-	-	39.0	-	-						
A.	-	-	-	-	-	-						

B. VARIATION HORAIRE MENSUELLE ET ANNUELLE (de 7 à 17h.) EN % DE LA DUREE D'INSOLATION.

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7-12	7-17	12-17
						KISOZI							
J.	26.5	33.3	47.1	48.1	44.9	42.0	38.1	21.0	24.5	13.6	39.9	33.9	27.9
F.	17.1	28.3	35.0	39.6	51.7	54.2	42.9	34.6	39.2	29.2	34.2	37.1	40.0
M.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	22.0	32.6	40.0	49.1	61.6	65.9	62.0	66.3	58.3	44.3	41.0	50.2	59.4
M.	34.9	41.7	37.8	35.2	35.9	42.6	49.1	48.8	49.7	41.7	37.0	41.7	46.4
J.	66.6	74.9	78.6	75.3	70.9	70.9	70.6	68.6	74.3	61.6	73.4	71.4	69.4
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	36.5	50.7	50.7	55.6	59.7	47.8	54.6	48.1	56.2	46.8	50.6	51.0	51.4
S.	43.9	60.3	62.9	58.9	59.9	63.3	54.3	55.3	48.3	48.3	57.4	56.3	55.2
O.	34.2	39.0	52.3	53.6	57.2	43.3	45.5	37.5	26.2	20.7	47.2	40.9	34.6
N.	47.3	54.9	62.6	63.9	58.9	40.9	35.6	30.3	31.3	20.6	57.6	44.7	31.8
D.	40.7	46.5	60.4	61.4	63.3	53.9	40.7	50.4	39.7	33.3	54.5	49.0	43.5
A.	-	-	-	-	-	-	-	-	-	-	-	-	-
						MUSASA-PLATEAU							
J.	27.8	41.7	58.5	52.3	47.1	38.1	29.7	46.5	47.5	46.2	45.5	43.5	41.5
F.	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	22.2	45.1	67.3	71.0	73.6	74.4	66.2	51.8	45.1	48.5	55.8	56.5	47.2
M.	28.1	28.7	57.2	59.1	59.4	62.3	42.3	57.2	62.0	55.9	46.5	51.2	55.9
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
J.	72.3	83.7	95.0	96.7	93.0	94.0	96.3	92.1	84.9	82.7	88.1	89.1	90.1
A.	40.7	52.6	60.7	74.6	77.2	73.6	66.5	65.9	62.0	55.5	61.3	63.0	64.7
S.	50.9	64.6	71.9	73.9	73.3	74.3	72.3	70.6	68.9	65.9	67.0	68.6	70.2
O.	38.1	46.5	50.7	54.6	56.2	57.2	59.1	42.6	38.8	31.3	49.2	47.5	45.8
N.	43.9	58.3	59.9	66.3	55.3	54.9	42.9	44.3	38.0	33.0	56.1	49.4	42.7
D.	39.1	47.8	53.9	65.6	70.7	58.8	48.8	48.1	48.1	41.0	55.4	52.2	49.0
A.	-	-	-	-	-	-	-	-	-	-	-	-	-

MOIS	Heures antéméridiennes					Heures postméridiennes					INTERVALLES		
	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	7-12	7-17	12-17
						NYAKISOZI							
J.	-	-	-	-	-	-	-	-	-	-	-	-	-
F.	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	-	-	-	-	-	-	-	-	-	-	-	-	-
A.	18.0	33.0	50.7	61.7	64.9	66.9	57.2	54.6	53.6	47.5	47.0	52.3	57.6
M.	30.0	40.4	61.7	64.9	57.5	51.7	58.5	63.0	47.5	47.9	50.9	52.1	53.3
J.	47.0	67.9	72.9	77.3	79.6	83.3	82.6	77.3	49.0	20.0	69.0	65.7	62.4
J.	65.2	86.9	95.6	96.6	92.4	87.9	86.2	87.9	80.4	62.7	87.4	84.2	81.0
A.	38.1	59.8	70.1	67.2	61.0	56.5	56.2	52.6	49.7	43.6	59.2	55.5	51.8
S.	39.3	63.6	69.3	73.3	65.3	63.3	58.6	52.3	47.3	32.0	62.2	56.4	50.6
O.	34.6	42.6	57.2	66.2	63.9	62.0	55.5	45.5	41.0	26.8	52.8	49.5	46.2
N.	47.7	50.7	54.7	58.0	61.7	67.0	64.3	49.0	45.0	31.3	54.6	51.9	49.2
D.	17.9	42.0	56.8	68.5	59.7	54.6	46.2	39.4	36.2	31.0	48.9	45.2	41.5
A.	-	-	-	-	-	-	-	-	-	-	-	-	-

VII.- L'EVAPORATION.

A. POUVOIR EVAPORANT DE L'AIR (Au Piche sous abri en cm^3)

Les données du pouvoir évaporant de l'air sont celles mesurées à l'évaporomètre Piche du type Casella avec bague Casella normale. L'épaisseur de la rondelle buvard est 0.2 mm environ.

Lettres conventionnelles.

EV = évaporation mensuelle ou annuelle.

EV_N = évaporation mensuelle ou annuelle calculée sur le plus grand nombre d'années au cours de la période 1954-1961.

$EV-(EV)_N$ = écart de EV à la normale (normale = moyenne de référence calculée sur le plus grand nombre d'années au cours de la période 1954-1961.)

EV_A = maximum mensuel ou annuel de l'avaporation journalière.

EV_a = minimum mensuel ou annuel de l'évaporation journalière.

B. EVAPORATION D'UNE NAPPE D'EAU LIBRE EN MM.

C. EVAPOTRANSPIRATION POTENTIELLE (EV_p) ET ACTUELLE (EV_a) D'UNE COUVERTURE DE PASPALUM NOTATUM.

A. POUVOIR EVAPORANT DE L'AIR.

MOIS	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a	EV	$(EV)_N$	$EV-(EV)_N$	EV_A	EV_a
	KARUZI					KISOZI(7)					LUVIRONZA(7)				
J.	80.1	-	-	4.3	0.8	72.8	76.3	-3.5	4.5	0.9	57.1	76.0	-18.9	3.6	0.2
F.	92.0	-	-	6.6	1.7	75.0	73.2	+1.8	6.9	1.0	58.6	60.3	-1.7	5.7	0.6
M.	69.6	-	-	3.9	1.3	55.5	70.8	-15.3	3.4	0.9	56.7	73.9	-17.2	3.0	0.8
A.	108.2	-	-	9.2	0.0	55.5	57.7	-2.2	2.8	0.5	60.3	65.7	-5.4	3.6	0.8
M.	95.8	-	-	4.9	0.1	52.4	69.8	-17.4	3.2	0.7	59.7	84.2	-24.5	3.3	0.7
J.	124.0	-	-	9.2	0.3	81.2	103.1	-21.9	4.3	0.4	84.6	117.0	-32.4	4.5	0.4
J.	240.2	-	-	9.6	4.9	116.3	137.9	-21.6	5.1	2.0	117.3	152.9	-35.6	4.9	1.2
A.	192.2	-	-	11.3	1.8	105.8	168.2	-62.4	6.0	1.2	111.7	178.7	-67.0	6.4	0.6
S.	183.5	-	-	9.9	1.7	98.8	157.9	-59.1	5.1	0.3	106.2	174.5	-68.3	5.2	0.7
O.	125.6	-	-	8.8	1.2	83.7	129.1	-45.4	5.7	1.0	82.5	138.7	-56.2	6.2	0.4
N.	101.4	-	-	6.8	0.2	77.9	79.8	-1.9	5.2	0.6	66.8	83.6	-16.8	5.0	0.1
D.	75.6	-	-	5.7	0.5	64.0	72.5	-8.5	3.6	1.1	58.3	69.6	-11.3	3.6	1.0
A.	1488.2	-	-	11.3	0.0	938.9	1196.3	-257.4	6.9	0.3	919.8	1275.1	-355.3	6.4	0.1
	MUSASA-PLATEAU(7)					NYAKISOZI					USUMBURA(7)				
J.	67.5	88.1	-20.6	4.0	0.8	-	-	-	-	-	78.5	94.6	-16.1	4.3	1.2
F.	81.4	70.0	+11.4	5.9	0.8	-	-	-	-	-	91.0	84.7	+ 6.3	5.0	1.4
M.	72.9	81.6	-8.7	4.0	1.0	59.5	-	-	3.0	0.7	88.8	92.3	-3.5	4.7	1.4
A.	69.3	74.9	-5.6	3.6	0.6	67.3	-	-	3.8	1.0	86.0	74.9	+11.1	4.4	0.6
M.	74.4	93.7	-19.3	4.4	0.5	81.3	-	-	4.8	1.2	110.0	116.1	-6.1	5.9	1.2
J.	123.3*	123.3	-	-	-	117.3	-	-	7.1	0.4	140.2	160.8	-20.6	6.2	1.2
J.	144.5	169.5	-25.0	6.2	2.6	167.5	-	-	7.1	2.5	165.7	197.1	-31.4	8.3	3.8
A.	165.4	216.2	-50.8	6.8	3.5	144.2	-	-	7.9	2.0	147.3	221.6	-74.3	7.4	1.3
S.	175.0	222.5	-47.5	8.0	1.8	120.5	-	-	7.9	1.6	148.1	206.1	-58.0	7.2	0.6
O.	125.0	198.9	-73.9	8.2	0.6	85.1	-	-	4.9	1.3	131.0	173.5	-42.5	6.9	1.9
N.	98.2	123.2	-25.0	5.9	0.7	71.3	-	-	4.3	0.8	116.9	110.3	+6.6	6.7	1.0
D.	84.2	91.6	-7.4	5.2	1.1	65.3	-	-	3.2	1.0	97.3	96.0	+1.3	4.8	2.0
A.	1281.1	1553.5	-	-	-	-	-	-	-	-	1400.8	1628.0	-227.2	8.3	0.6

B. EVAPORATION D'UNE NAPPE D'EAU LIBRE.

(EN MILLIMETRES)

A. TOTAUX MENSUELS ET ANNUELS.

	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
NYAKISOZI	-	-	128	105	100	137	153	129	142	131	108	110	-

B. MOYENNES JOURNALIERES MENSUELLES ET ANNUELLES.

	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
NYAKISOZI	-	-	4.1	3.5	3.2	4.4	4.9	4.3	4.7	4.2	3.6	3.5	-

C. EVAPOTRANSPIRATION POTENTIELLE(EV_p) ET ACTUELLE(EV_a) D'UNE COUVERTURE DE PASPALUM NOTATUM

(EN MILLIMETRES)

A. TOTAUX MENSUELS ET ANNUELS.

		J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.	A.
KISOZI	EV_p	62	114	115	84	95	106	111	122	90	94	86	96	1175
	EV_a	54	105	104	66	56	64	0	58	72	51	65	73	768
MUSASA	EV_p	84	133	146	122	101	136	147	150	144	150	149	133	1595
	EV_a	69	111	125	94	84	35	0	14	37	73	117	85	844

B. MOYENNES JOURNALIERES MENSUELLES ET ANNUELLES.

KISOZI	EV_p	2.0	4.1	3.7	2.9	3.0	3.5	3.6	3.9	3.0	3.0	2.9	3.1	3.2
	EV_a	1.7	3.7	3.4	2.2	1.7	2.1	0.0	1.9	2.4	1.6	2.1	2.3	2.1
MUSASA	EV_p	2.7	4.8	4.7	4.1	3.2	4.5	4.7	4.9	4.8	4.9	5.0	4.3	4.4
	EV_a	2.2	4.0	4.4	3.1	2.7	1.2	0.0	0.4	1.2	2.4	3.9	2.7	2.3