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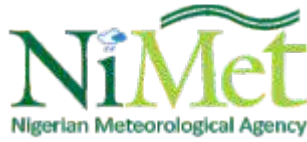
MỤMA MMIRI OZUZO N'OGHE A KARA AKA NKE Afọ

Ọrụ ịdọ aka ná ntị mbụ maka ụlọ ọrụ ụgbọ elu na-anabata ihu igwe maka mmepe akụ na ụba ọha na eze na-adigide



IGBO





2025
MỤMA MMIRI OZUZO N’OGE
A KARA AKA NKE Afọ

Ọrụ ịdọ aka ná ntị mbụ maka ụlọ ọrụ ụgbọ elu
na-anabata ihu igwe maka mmepe akụ na ụba ọha
na eze na-adigide

A publication of Nigerian Meteorological Agency

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Okwu Mmalite



Idọ aka na ntị n'oge nwere ike ịzọpụta ndụ n'oge mgbanwe ihuigwe na-akawanye njo. Ya mere, a na-etinyekwu uche n'orụ nke Ọmụmụ Ihuigwe na mbelata mgbanwe ihuigwe, gụnyere imepụta ọha mmadụ kwụdosiri ike na mgbanwe ihuigwe

Ụlọorụ ụgbọelu dị na Najirja nọ n'oge dị mkpa ebe nnabata idọ aka nà ntị mbụ nke Nigeria Meteorological Agency (NiMet) dị oké mkpa maka iwulite ngalaba ụgbọelu na-anagide ihuigwe nke na-azọpụta ndụ na ihe onwunwe wee na-akwado mmepe mmekọrịta akụnaụba na-adigide adigide. Na mbipụta SCP nke 2025, Ụlọorụ ahụ egosipụtala orụ nke idọ aka nà ntị n'oge na njem ụgbọelu ma na-atụle iheomume ihuigwe na-adịbeghị anya n'etiti mgbanwe ihuigwe, nke butere isiokwu nke SCP 2025: Orụ nke idọ aka nà ntị n'oge nyere ụlọorụ ụgbọelu na-eguzogide ihuigwe maka mmepe na-adigide adigide.

Ụlọorụ ụgbọelu na-anagide ihuigwe dị mkpa maka mmepe mmekọrịta ọhannaeze na Najirja. Njem ụgbọelu a tụtawasiri obi dị mkpa maka azụmahija zuru ụwa ọny, njem nlereanya na njikọta, nke na-akwalite ntolite akụnaụba n'usoro,

mweputa orụ, na ịkwalite nkwaado mba ụwa.

N'oziri ya na UNFCCC COP29, Onyeisiala Bola Ahmed Tinubu GCFR kwusiri ike na Najirja na-agba mbọ iji nweta ntinyeego ihuigwe nke mba ụwa nakwa imeziwanye ohere inweta ego ihuigwe. Ọ kọwakwara mkpa usoro idọ aka nà ntị n'oge dị na mkpa ọ dị inwe nkwalite nkwa isi ike megide mmetụta ihuigwe.

SCP na-agara ndị Najirja ozi na mpaghara dị iche iche ihe kariri afọ iri, na-enye ozi ihuigwe nke nwere oge nduzi zuru oke tupu mmalite nke oge ọbụla.

Amụma Oge Ihuigwe nke 2025 (SCP) dabeere n'oge inọpụ iche nke El Niño Southern Oscillation (ENSO) Mpaghara Nino 3.4 nke Oke Osimiri Pasifik (5°N - 5°S, 170°W-120°W) ga-adigide. N'adighi ka afọ gara aga, amụma ihuigwe nke oge 2025 dabeere n'usoro ENSO nọpuru iche nke ụlọorụ amụma ENSO buru amụma ga-achị n'oge mbido ọnwá 6 ruo 8 nke 2025.

SCP bụ ngwa idọ aka nà ntị n'oge nke na-enye ozi gbasara mmalite na ụbọchị nkwa isi nke oge mmiri ozuzo, Ogologo oge mmiri ozuzo; Ngụkọta oke mmiri ozuzo kwa afọ; Obere oge ọkọchị (ezumike Ọgọstụ); Amụma Okpomokụ (Ụbọchị & Abali); ihuigwe na ahụike, na ihe ndị ọzọ, gụnyere ihe gbasara mmekọrịta ọhannaeze na akụnaụba, na ndị ọzọ, gụnyere mmetụta amụma nke nchekwa nri, ụgbọ njem, ike, mmiri, gburugburu ebe obibi, nzikọrịta ozi wdg. A chikotakwara ya maka nnweta dị mfe na nguputa maka ndị omeiwu obodo wee sugharja ya n'asụsụ Hausa, Igbo, Yoruba, na Pijin iji kwalite nnweta na melite nkwalite maka obodo ndị na-agbanwe ihuigwe ka mma.

Idọ aka nà ntị n'oge nke United Nations for All (EW4All) Initiative (nke na-echebe ụmụafọ ụwa niile site n'idọ aka nà

ntị n'oge n'afọ 2027) ka na-aga n'ihu, ma WMO akpọla ndjotu ha oku ka ha mee ngwangwa na mmejuputa ya iji chekwaa ndụ na obibindu. Amụma Oge Ihuigwe NiMet dabara nkeoma n'atụmatụ a nakwa n'ihe ndi ọzọ.

Dika Uloforu Ministri Na-Ahu Maka Njem Ugbolu na Mwulite Uzokuku nke a kporo Ministry of Aviation and Aerospace Development na-aga n'ihu na-ewusi ikike ido aka na nti n'oge ike site na NiMet, ana m agba mmadu NIILE ume, ndi nkwo, gunyere gogmenti steeti, ka ha na Nigerian Meteorological Agency na-ekesa Amuma Oge Ihuigwe

gburugburu steeti, na imeobodo (ndi na-adighi ike) iji hu na e nyere nkwo zuru oke maka odachi ihuigwe. Ozokwa, naa nti nke oma n'Amuma Oge Ihuigwe 2025, naa nti n'ido aka na nti, mee mkpebi ndi a maara, mee ihe n'oge, ma, nke kacha mkpa, soro NiMet maka mmelite na ndumodu di mkpa n'ogea.

N'ijikota aka onu, anyi nwere ike iwulite obodo nakwa akunauba na-adigide adigide nke di njikere nke oma iji cherita akamgba mgbanwe ihuigwe ihu, na-eme ka uwa nwee ezi nchekwa na nke na-adigide adigide maka ogbo n'odinihu.

Festus Keyamo, SAN, CON, FCIArb (UK)

Onye Minista Na-Ahu Maka Njem Ugbolu na Mwulite Uzokuku

(Minista Na-Ahu Maka Ihuigwe na Naijiria)

Febwarị 2025

Nchikọta Onyeisi



Uloṛụ Na-Ahụ Maka Ihuigwe Nke Naijirja (NiMet) na-emepụta Amụma Oge Ihuigwe (SCP) kwa afọ iji mezuo ọrụ iwu kwadoro inye ndị ọchịchị na ndị mmadụ ndụmọdụ n'akụkụ niile nke urukpuru na ihuigwe. SCP na-enye echiche nke mgbanwe ihuigwe dị icheiche, dika mmiri ozuzo nke afọ na usoro okpomokwu na Naijirja. NiMet na-ewepụta amụma ndị a site n'iji usoro amụma ọgbaraohurū, data ihuigwe ogologo oge, na amamihe sayensị nke oge a. Ozi e weputara na mbiputa SCP di mkpa maka nhazi amụma, atumatu, na ime mkpebi site n'aka ndịorū, ndị na-ahụ maka ya, na ndị mmadụ n'otu n'otu na mpaghara nzuzo na nke ọha na Naijirja. Ndị SCP na-enye nlebaanya nke ọfọdụ ọfọdụ ihuigwe di mkpa na omume ha n'ime oge. Ọzokwa, a na-emejuputa usoro mmeputa ihe nke gnyere ndi nwere mkpa sitere na ngalaba nwere mmetuta ihuigwe dika ọrụ ugbo, ugboelu, ihe owuwu, akurungwa mmiri, ahūike, ahija, anụ ụlọ, na njem nlereanya iji nweta amụma ndi a pury iche a haziri ahazi.

Amụma Oge Ihuigwe 2025 (SCP) dabere n'eziokwu na oge inọpụ iche nke El Nino Southern Oscillation (ENSO)

Mpaghara Nino 3.4 nke Osimiri Pasifik (5°N - 5°S, 170°W-120°W) ga-adigide. N'adighi ka afọ gara aga, Amụma Oge Ihuigwe 2025 dabere na nkeji ENSO nọpury iche nke amụma ENSO zuru ụwa ọny ga-achị n'oge mbu ọnwa 6 ruo ọnwa 8 nke 2025. Ma amụma Ndagharị na usoro Ọnụogugū gbadoro ụkwū n'amụma sitere na Institute of Research. for Climate and Society (IRI), USA , na Bureau of Meteorology (BoM), Australia kwadoro oge ENSO Nkiti site na ngwucha 2024 ruo etiti 2025. Ọzokwa, mmiri ozuzo, okpomokwu, data mmiri ala, nha mmiri, omume nlekota ugbo, na ozi na udi ala ndi ozo ka e tinyere n'ime amuma ndi a.

Iheomume Mmalite (Mmalite Ugha)

Ọtutū akukū nke mba ahū ga-enweta oke mmiri ozuzo na mmalite nke 2025, mmiri ozuzo ndi a nwere ike ibia tupu mmalite. Ọ bu ndi mbute ihuigwe dika Madden-Julian Oscillation na Mid-Latitude Wave na-ebute mmiri ozuzo mbu a. E kwesighi iwere na onodu mmiri ozuzo mbu ndi a bu mmalite oge mmiri ozuzo. Ya mere, a na-adu ndi na-arū ọrū ugbo mmiri ozuzo na ihe omume ndi ozo dabere na mmiri ozuzo na Naijirja ka ha rutu aka na ubochi mmalite e buru n'amuma n'akwukwo a, maobu kpoturū NiMet maka nduzi kwesiri ekwesị

Ubochi Mmalite Mmiri Ozuzo

A na-atu anya na ọ ga-abia n'oge mmiri ozuzo na mpaghara ugwu na etiti Plateau yana akukū Kaduna, Niger, Benue, Nasarawa, Taraba, Adamawa na Kwara. Ebe a na-atu anya mmalite mmalite na steeti ndida Delta, Bayelsa, Rivers, Anambra, na ngalaba Oyo, Ogun, Osun, Ondo, Lagos, Edo, Enugu, Imo na Ebonyi. A na-ebu amuma na mba ndi ozo ga-enwe mmalite nke ọma

Ụbọchị Nkwụsị Mmiri Ozuzo

Oge amụma ngwụcha mmiri ozuzo a tūrụ na nha ogologo oge na-egosi n'akụkụ Zamfara, Katsina, Kano, Kaduna, Jigawa, Plateau, Bauchi, Borno, Yobe, Adamawa, Taraba, Niger, Kwara, Kogi, FCT, Ekiti, na Ondo steeti na-atụ anya na ọ ga-abia n'oge. A na-atụ anya ngwụcha oge na-egbu oge na mpaghara Kaduna, Nasarawa, Benue, Lagos, Kwara, Taraba, Oyo, Ogun, Cross River, Delta, Akwa Ibom, Ebonyi, Anambra, na steeti Enugu.

Ogologo Oge Mmiri Ozuzo 2025

A na-atụ anya na ogologo oge mmiri ozuzo na 2025 ga-adị ka ọ na-adịkarị n'ọtụtụ akụkụ nke mba ahụ. Kaosinadi, Borno na akụkụ nke Yobe steeti nwere ike inwe oge dị mkpụmkpụ karịa ogologo oge. Ebe Lagos, na Nasarawa steeti nwere ike inwe ogologo oge karịa na 2025.

Ogo Mmiri Ozuzo

A na-atụ anya na mmiri ozuzo nke afọ 2025 ga-adaba nke oma ma ọ bụrụ nke na-adighị mma n'ọtụtụ akụkụ Najjiria ma e jiri ya tūnyere nha ogologo oge. Akụkụ Kebbi, Kaduna, Ebonyi, Cross River, Lagos Abia, Akwa Ibom steeti, na FCT na-atụ anya inwe oke mmiri ozuzo karịa nke oma kwa afọ. A na-atụ anya oke mmiri ozuzo na Mee-Juun nke nwere ike bute oke ide mmiri n'obodo ndị dị n'ụsọ oké osimiri.

Okpomọkụ

A na-atụ anya na okpomọkụ ga-adịkarị karịa nha ogologo oge gburugburu obodo ahụ. A na-atụ anya na okpomọkụ ehihie na nke abalị ga-ekpo ọkụ karịa nha ogologo oge n'ọtụtụ akụkụ nke mba ahụ na Jenuwari, Febuwari, Maachi, na Mee 2025. Kaosinadi, okpomọkụ ehihie na abalị Eprel ka a na -atụ anya na ọ ga-adị jụu karịa ka ọ na-adị, ebe okpomọkụ na-adịkarị karịa ga-adị n'ọtụtụ steeti ugwu.

Ọkọchị

Amụma na-egosi na n'oge Eprel - Mee - Juun, e nwere ike inwe oke ọkọchị kpọrọ nkụ karịa ụbọchị 15 ka a kwadochara mmiri ozuzo na steeti Oyo (Saki, Iseyin, Ogbomosho, Atisbo,

Orelope, Itesiwaju, Olorunsogo, Kajola, Iwajowa na Ori Ire). Obere ọkọchị nke nwere ike idi ụbọchị 15 nwere ike iputa na steeti Ekiti, Osun, Ondo, Ogun, Edo, Ebonyi, Anambra, Imo, Abia, Cross River, Delta, Bayelsa, na Akwa Ibom steeti na ndịda. A na-ebu amụma maka ajọ ọkọchị nke nwere ike idiru ụbọchị 21 maka mpaghara ugwu Najjiria n'oge Juun - Julai - Ọgọstụ afọ 2025.

Obere Oge Ọkọchị (LDS)

A na-atụ anya na iheomume Obere Oge Ọkọchị (LDS) nke 2025 ga-adị njoye naanị n'akụkụ Lagos na Ogun. Onyogugu nke ụbọchị obere mmiri ozuzo maqbu enweghi mmiri ga-adị n'etiti ụbọchị 27 ruo 40. Nha ụbọchị mmalite nke obere oge ọkọchị maka 2025 gburugburu ndịda odidaanyanwu bu Julai 22. A na-atụ anya mmetuta LDS na-agafeghi oke n'akụkụ Ogun, Oyo, na Ekiti. Osun, Oyo, Kwara, na akụkụ nke ugwu Ondo nwere ike ihu obere oge ọkọchị.

Amụma ndi a bu ngwāpuru idọ aka ná ntị n'oge nyere ndi nkwardo, gọmentị steeti na ọhanaeze maka nkwardobe n'oge maka ihe egwu ndi nwere ike site n'oke mmiri ozuzo, ide mmiri na oke okpomokụ, yana oge ọkọchị n'akụkụ nke mba ahụ.

SCP 2025 na-arụ ọrụ dika ngwa idọ aka ná ntị n'oge maka ndi Najjiria niile na nkwekorita idọ aka ná ntị n'oge nke United Nations maka atumatu niile yana ngosiputa atumatu ihuigwe asato nke Onyeisiala Bola Ahmed Tinubu GCFR.

Professor Charles Anosike

Director General/CEO NiMet & Permanent Representative of Nigeria with WMO
February 2025



Isi nke Mbụ

Ndabere Sayensị Maka Amụma Ahụ

1.0 Ndị Mbute Ihuigwe

1.1 Nchịkọta ENSO

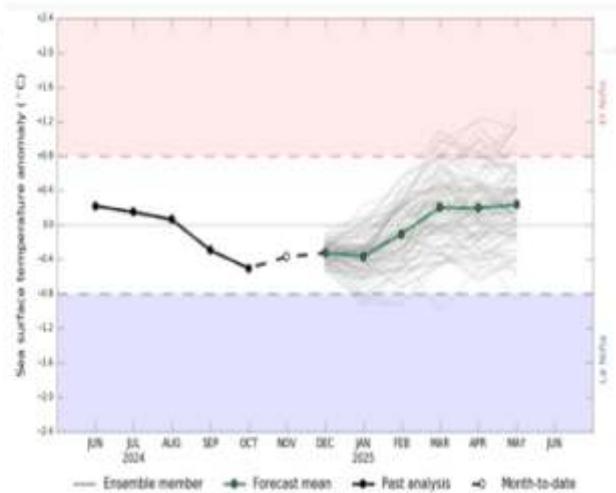
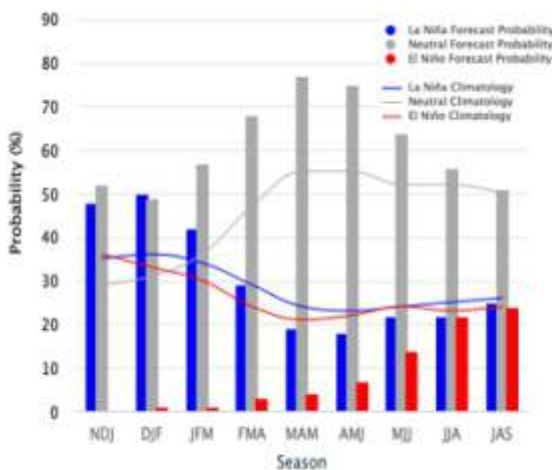
El Niño-Southern Oscillation (ENSO), nke na-akọwa ọnọdụ okpomọkụ dị n'elu oké osimiri dị n'etiti Osimiri Pasifik na-ekere òkè dị ukwu n'etiti ndị mbute ihuigwe ndị ọzọ, n'igbanwe na imetụta mgbanwe ikuku, urukpu, na ihuigwe site n'otu oge gaa na nke ọzọ gburugburu ụwa nakwa na Najirija. Nke a bụ n'hina njikọ siri ike dị n'etiti Okpomokụ Ihu Osimiri (SST) nke mpaghara okpomokụ Central Pacific Ocean NINO mpaghara 3.4 (latitude 5°N ruo 5°S, longitude 170°W ruo 120°W) na urukpu / ihuigwe n'akụkụ dị iche iche nke ụwa, gụnyere West Africa na Najirija. Na ndabere nke a, NiMet na-eji usoro ENSO na-emeputa kwa afọ yana data ihuigwe na-adịte aka iji chọọ Amụma Oge Ihuigwe NiMet.

Dịka ụlọọrụ Global ENSO Prediction si kwuo, oge inọ nkịtị nke ENSO ga-akarị n'ọnwa 6 ruo ọnwa 8 nke 2025. Ma mkpokọta ndị nlereanya Ndagharị na Ọnọgụgụ dabeere n'amụma si Institute of Research for Climate and Society (IRI), USA, na Bureau of Meteorology (BoM), Australia

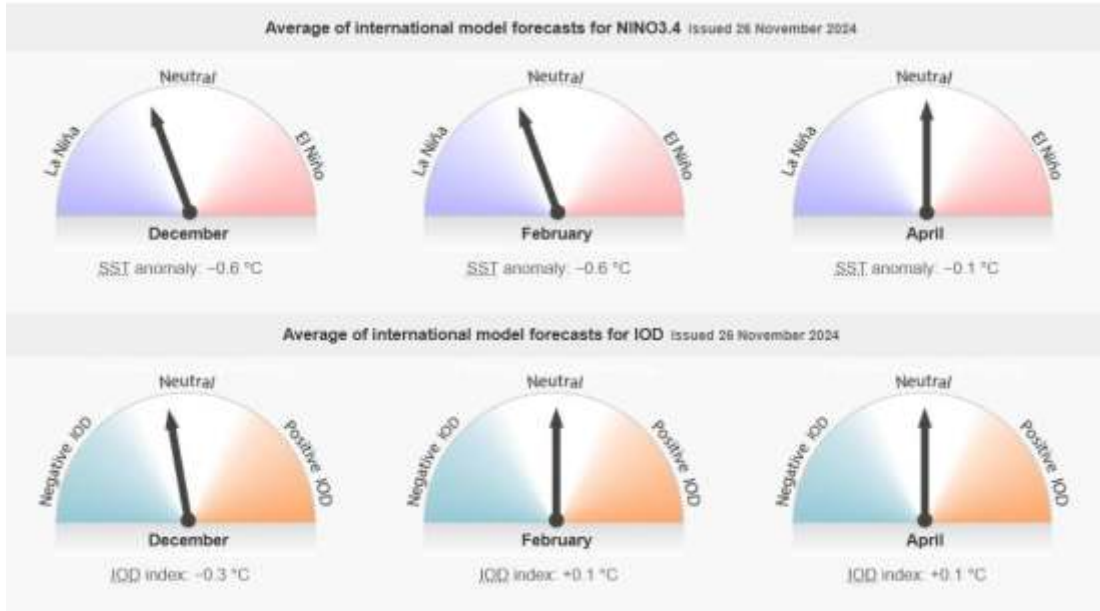
kwadoro usoro ENSO na-anọpụ iche site na njedebe 2024 ruo etiti 2025. Ya mere amụma ihuigwe nke 2025 dabere n'usoro ENSO nọpụrụ iche.

E nwere ihe dịka ohere 60% nke inọpụ iche na-aga n'ihu n'oge Jenụwarị-Febụwarị-Maachị (JFM). Mgbe nke ahụ gasịrị, ohere na-abawanye nke ọma ruo ihe dịka 77% site n'oge Maachị-Eprel-Mee (MAM) mgbe nke ahụ gasịrị, ohere nke inọpụ iche ENSO na-ebelata nwaayo nwaayo ruo 51% site n'oge Julai-Ọgostu-Septemba (JAS) (Ngosiputa 1). Ya mere, ohere dị elu n'oge na-anọpụ iche nwere ike imeri site na Jenụwarị ruo Septemba 2025. Ihe pụtara na njedebe ENSO na-anọpụ iche bụ na ọnọdụ ihuigwe na Najirija n'oge afọ ga-adị nso na nha (nke dị nso na nkịtị). N'ime afọ ahụ, mgbaàmà ENSO nwekwara ike idaba n'oyi (La Niña) maọbụ ọkụ (El Niño) dabere n'isi nkwarụ SST (nke dị mma maọbụ nke na-adighị mma) nke ga-emerị n'oge. Usoro nke ọbụla nwere mmetụta njirimara ya n'ihuigwe nke Najirija.

A na-ebu amụma na Indian Ocean Dipole (IOD) ga-anọpụ iche na 2025 na nkwekọrịta n'usoro amụma ENSO buru (Ngosiputa 2)



Ngosiputa 1 : IRI/CPC na Bureau of Meteorology Australia Consensus ENSO amụma



Ngosiputa 2 : IRI/CPC/BoM Consensus ENSO amụma

1.2 Iheomume Mmiri Ozuzo Tupu Mmalite

Mmalite oge mmiri ozuzo kwa afọ na Najirija sochiri nguzobe udummiri ndịda ọdidaanyanwụ nke na-ebufe mmiri na-enye usoro ihuigwe na Najirija. Kaosinadi, ọfọdụ mmiri ozuzo dīpūrū adīpū na-eme na mba ahū kwa afọ tupu mmalite na mmalite nke oge mmiri ozuzo zuru oke. Mmiri ozuzo ndi a tupu mmalite na-adī mkpa mgbe ọfọdū n'ihe gbasara ogologo oge na ike ma na- akwakarī ya dī ka mmalite nke oge mmiri ozuzo. Ọfọdū ndi ọrū ugbo na-eme ngwa ngwa iku ihe ozugbo a hūrū mmiri ozuzo tupu oge eruo, na-eche na oge mmiri ozuzo, ya mere mmalite oge ihe ọkūkū, amalitela. Mmiri ozuzo tupu oge eruo ezughi oke iji kwado uto na mmepe nke ihe ubi. Nke a na-ebutekarī ọdīda ihe ọkūkū na nnukwu mfụ nke ndi ọrū ugbo. Iji gbanarī mfụ dī otū ahū, a na-adū ndi ọrū ugbo ọdū ka ha gaa na amụma ihuigwe nke NiMet ka ha mata ezi ụbọchī mmalite maka ọnọdū ha.

Iheomumemmiri ozuzo dī irība ama ga-eme na mmalite nke 2025; O yikarīrī ka mmiri ozuzo ndi a ga-abīa tupu mmalite amalite.

Ihe nhūsianya dī n'ikuku nke na-ebute ọrū mmiri ozuzo tupu ebido gburugburu Najirija gūnyere:

1. Ifufe Mid-Latitude: Otu n'ime akamgba kacha pūta ihē ugbuga bū okpomokū nke ụwa anyi. 2023 kwūsi rī dīka afọ kacha ekpo okū na ndekō akūkō ihe mere eme, na

2024 dīka WMO ka e doberelarīrī ka ọ būrū afọ kachasī mma na ndekō ma gafere 1.5 °C njedebē nke a tōrō na COP 21 na Paris 2015. Ọrū nke Mid-Latitude trough, nke bū ndotī nke ebili mmiri Rossby, na-emetūtakwa ọdīche okpomokū dī n'etiti mpaghara pola na etiti etiti. Ka okpomokū zuru ụwa ọnū na-arī elu, a na-atū anya igbatī na ngafe nke Mid-Latitude trough na gburugburu Northern Africa n'ihī mbelata okpomokū dī n'etiti okporo osisi Arctic na Mid-Latitude. Nke a ga-abawanye atūmanya nke mmiri ozuzo, na nke dī irība ama na nke ahū tupu e guzobe oge mmiri ozuzo.

2. Madden-Julian Oscillation: Otu n'ime akamgba nke okpomokū zuru ụwa ọnū bū mgbagha nke mgbasā ozi zuru ụwa ọnū nke na-emetūta ihe ndi na-eme ka ikuku ikuku dī ka Madden-Julian Oscillation (MJO). Ọsọ, ike na oge ngalaba nke MJO nwere ike būrū ihe na-adighī agbanwe agbanwe na 2025 n'ihī mgbanwe na-aga n'ihu nke mgbasā ozi zuru ụwa ọnū. MJO nwere ike iweta oke mmiri ozuzo tupu e guzobe oge mmiri ozuzo 2025 nke sitere na mmiri mmiri na-erughī ala.



Isi nke Abụọ

Amụma Oge Ihuigwe 2025

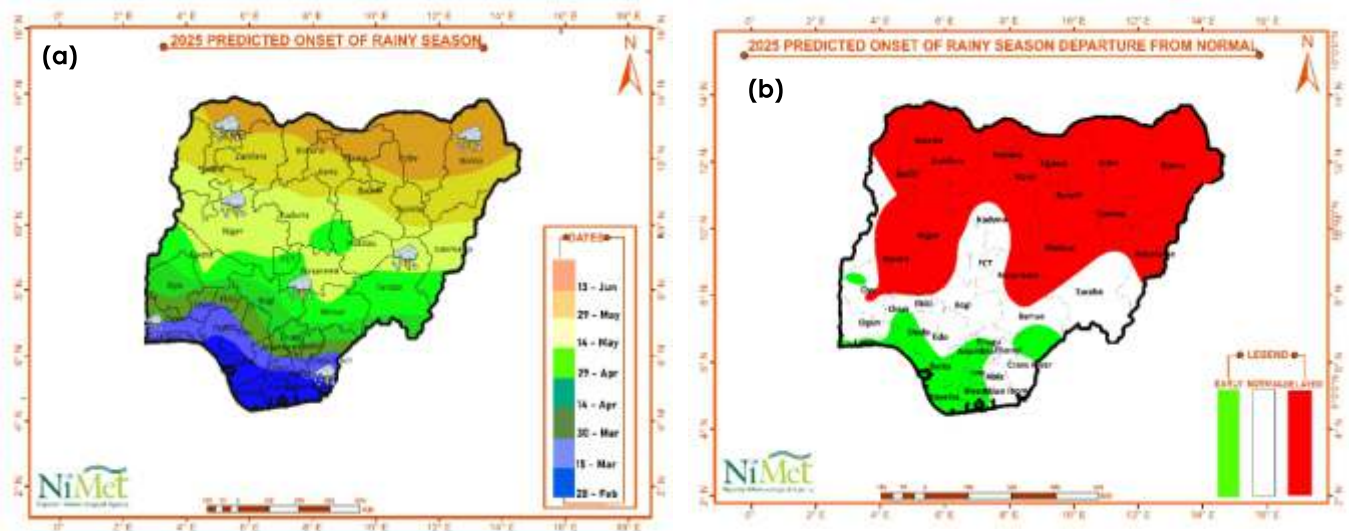
2.0 Amụma Mmiri Ozuzo na Okpomọkụ

Amụma SCP 2025 dabeere n'usoro El Niño (Nnọpụiche) nke ntule ENSO bụ nke a na-eji n'okpomọkụ nkịtị, mmiri ozuzo dị ala karịa ka ọ dị, na ogologo oge dị mkpụmkpụ maka ọtụtụ akụkụ nke mba ahụ.

2.1 Amụma mmiri ozuzo

2.1.1 Ụbọchị mmalite nke Oge mmiri ozuzo & Ọpụpụ site na Nkịtị (Nha ogologo oge)

Ụbọchị mmalite - mgbe ndịnaaya mmiri dị na mpaghara mgborogwu ruru 50% ngụkọta site na mmalite nke oge mmiri ozuzo.



Ngosiputa 3 : Amụma mmalite nke oge mmiri ozuzo na ọpụpụ site na nkịtị.

TAmụma 2025 na-egosi na a na-atụ anya ụbọchị mmalite nke oge mmiri ozuzo na Najirja na mpaghara osimiri, na-ekpuchi steeti Bayelsa, Rivers, Akwa Ibom, na akụkụ Delta n'etiti 23rd nke Febwarị na 10th Maachị 2025 lee Ngosiputa 3 (a).

A na-atụ anya mmalite oge mmiri ozuzo n'etiti Maachị na Eprel maka steeti ndịda nke Lagos, Ogun, Ondo, Ekiti, Edo, Cross River, Enugu, Ebonyi, Imo, Abia, na Anambra, na n'agbata Eprel na Mee gafechara steeti etiti. nke Niger, Kwara, Kogi, Benue, Plateau, Nasarawa, Taraba na FCT. A na-atụ anya mmalite nke oge mmiri ozuzo na Sokoto, Zamfara, Katsina, Kano, Jigawa, Bauchi, Yobe na Borno

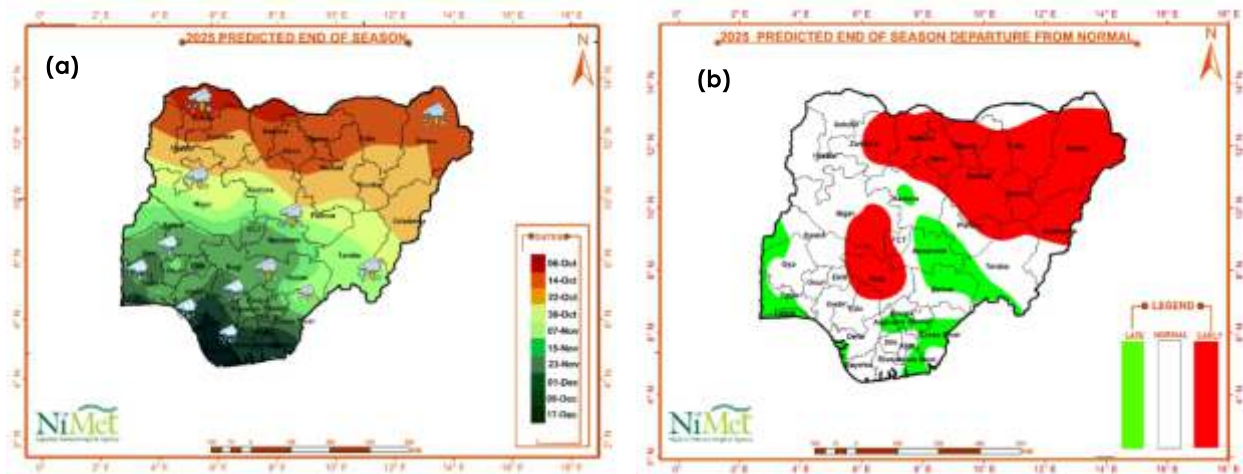
steeti n'etiti mbido Juun na Julai 2025.

A na-atụ anya na mmalite nke mmiri ozuzo na 2025 ga-egbu oge n'ebe ugwu na etiti Plateau, yana akụkụ Kaduna, Niger, Benue, Nasarawa, Taraba, Adamawa na Kwara steeti, ebe a na-atụ anya mmalite mmalite karịa steeti ndịda nke ndịda. Delta, Bayelsa, Rivers, Anambra, na ngalaba Oyo, Ogun, Osun, Ondo, Lagos, Edo, Enugu, Imo, na Ebonyi. A na-ebu amụma ụbọchị mmalite nkịtị maka mba ndị ọzọ. (lee Ngosiputa nke 3 (b)).

Ọ dị mkpa iburu n'obi na oké ifufe siri ike gburugburu mba ahụ na ájá dị na steeti ndị dị n'ebe ugwu bu ihe mmalite nke oge mmalite. A na-atụ alo ikpachara anya maka nchekwa.

2.1.2 Amuma nkwụsị ụbọchị na ọpụpụ site na nkịtị 2025

Ụbọchị nkwụsị - mgbe ndịnaya mmiri dị na mpaghara mgborogwu gbadara 20% na njedebe nke oge mmiri ozuzo.



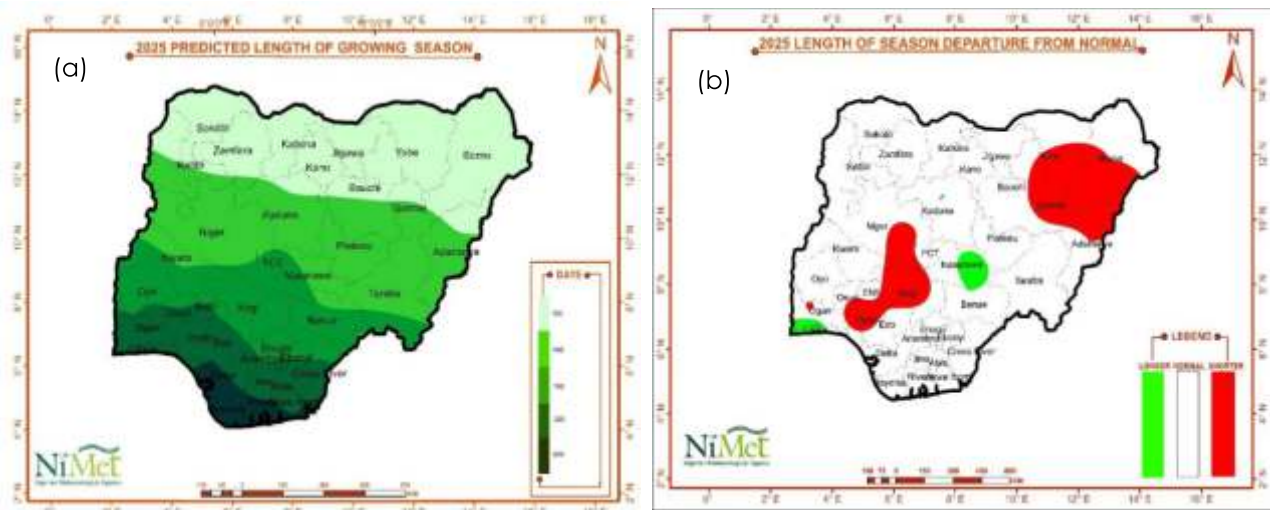
Ngosiputa 4 : Amuma Nkwụsị na ọpụpụ site na nkịtị

TA na-atụ anya na njedebe nke oge 2025 ga-adị n'etiti Ọktoba 6th na Disemba 17th gburugburu obodo ahụ dika e gosiri na Ngosiputa 4(a). A na-atụ anya na n'elu akụkụ ugwu nke mba ahụ na njedebe nke site na izu mbụ nke Ọktoba ruo ngwụsị Ọktoba ma na-aga n'ihu na ndịda, narute na steeti etiti na mmalite Nọvemba na njedebe n'etiti December na mpaghara ndịda dij n'ụsọ oké osimiri.

A na-atụ anya ụbọchị nkwụsị mbụ nke oge mmiri ozuzo na mba ahụ ga-abụ ihe dika 6th Ọktoba 2025. A na-atụ anya na nke a na mpaghara Sokoto, Zamfara, na Katsina. Steeti ndị ọzọ dij n'ebe ugwu nke Kano, Jigawa, Yobe, Bauchi, Borno, Kebbi, Kaduna, Niger, Gombe, na Adamawa ga-enweta nkwụsị nke oge mmiri ozuzo site na gburugburu Ọktoba 14th ruo Ọktoba 30th. A na-atụ anya na njedebe nke oge maka steeti etiti Plateau, Nasarawa, Kwara, Kogi, Benue na FCT ga-amalite site na 7th . Nọvemba ruo Nọvemba 23 . Ọzọkwa, a na-atụ anya na steeti ndị dij n'ime ala nke Oyo, Osun, Ekiti, Edo, Imo, Anambra, Enugu, Abia, Ebonyi, na Cross Rivers, na steeti dij n'ụsọ osimiri nke Akwa

Ịbom, Rivers, Delta, Bayelsa, Ondo, Ogun, na Lagos. ihu njedebe nke oge site na 23rd Nọvemba ruo Disemba 17th. Amuma na-egosi na a na-atụ anya ụbọchị nkwụsị nke mmiri ozuzo na mbụ karja ka ọ dij na Zamfara, Katsina, Kano, Kaduna, Jigawa, Plateau, Bauchi, Borno, Yobe, Adamawa, Taraba, Niger, Kwara, Kogi, Ekiti, Ondo steeti. na FCT. A na-atụ anya nkwụsị oge mmiri ozuzo na mpaghara Kaduna, Nasarawa, Benue, Lagos, Kwara, Taraba, Oyo, Ogun, Cross River, Delta, Akwa Ibom, Ebonyi, Anambra na Enugu steeti . (Lee Ngosiputa 4 (b)).

2.1.3 Ogologo Amuma nke Oge mmiri ozuzo & Oputu site na Nkiti (Nha Ogologo Oge)

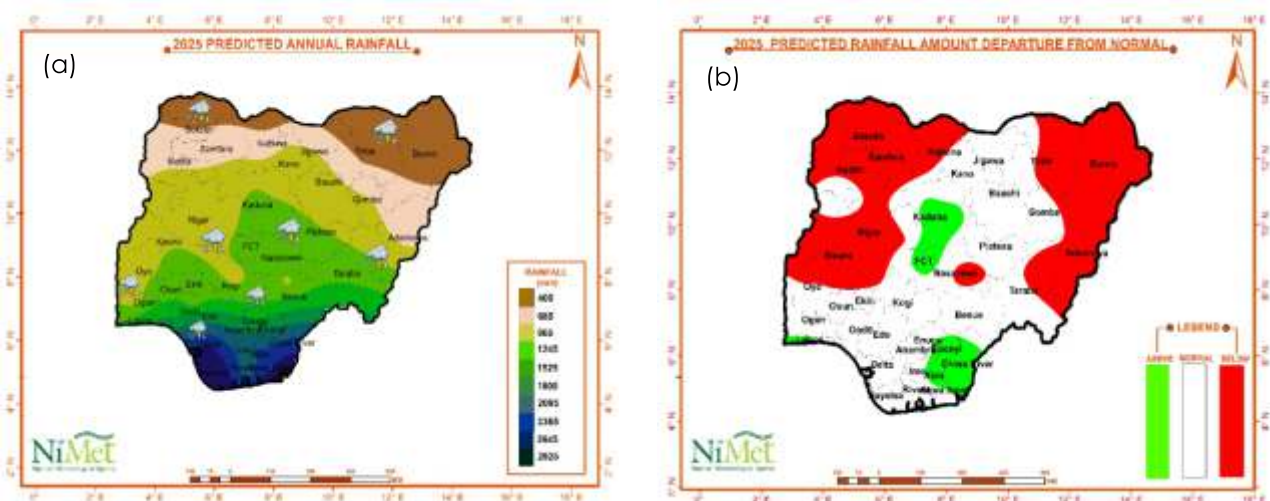


Ngosiputa 5 : Amuma Ogologo Oge Ntolite na oputu site na nkiti.

N'afọ 2025, a na-atụ anya na ogologo oge mmiri ozuzo ga-adị n'etiti ubochi 250 ruo 290 na mpaghara ndịda nke mba ahụ. Nke a gunyere Lagos, Delta, Bayelsa, Cross Rivers, Rivers, na Akwa Ibom steeti. A na-atụ anya na ogologo oge dị n'ime ime ndịda ga-adị n'etiti ubochi 200 ruo 250. Steeti dij na mpaghara a bu Ogun, Oyo, Ekiti, Osun, Ebonyi, Anambra, na Enugwu. Na steeti etiti, ogologo oge mmiri ozuzo 2025 ga-adị site na ubochi 150 ruo 200. N'ebe ugwu, ogologo oge ga-esi na 110 ruo 150 ubochi. Ebe dabara na mpaghara a gunyere Sokoto, Kastina, Zamfara, Kano, Jigawa, Yobe na Borno steeti.

Nkwa ndi ozo gbasara amuma a dika steeti si di na tebül 4. Ogologo oge amuma a na-atụ anya na o ga-adikari mma na mba ahụ dika e gosiri na Ngosiputa 5(b). Kaosinadi, akuku ufodu nke Borno, Yobe, Gombe, na Adamawa steeti di n'ebe ugwu, yana akuku ufodu nke Kogi, Niger, na Ondo steeti nwere ike ghara idi ogologo oge n'afọ 2025. N'uzo di iche, Lagos na akuku nke Nasarawa. O yikariri ka steeti ga-enwe karja ogologo oge.

2.1.4 Amuma ogo mmiri ozuzo kwa afọ & oputu site na Nkiti (Nha ogologo oge)



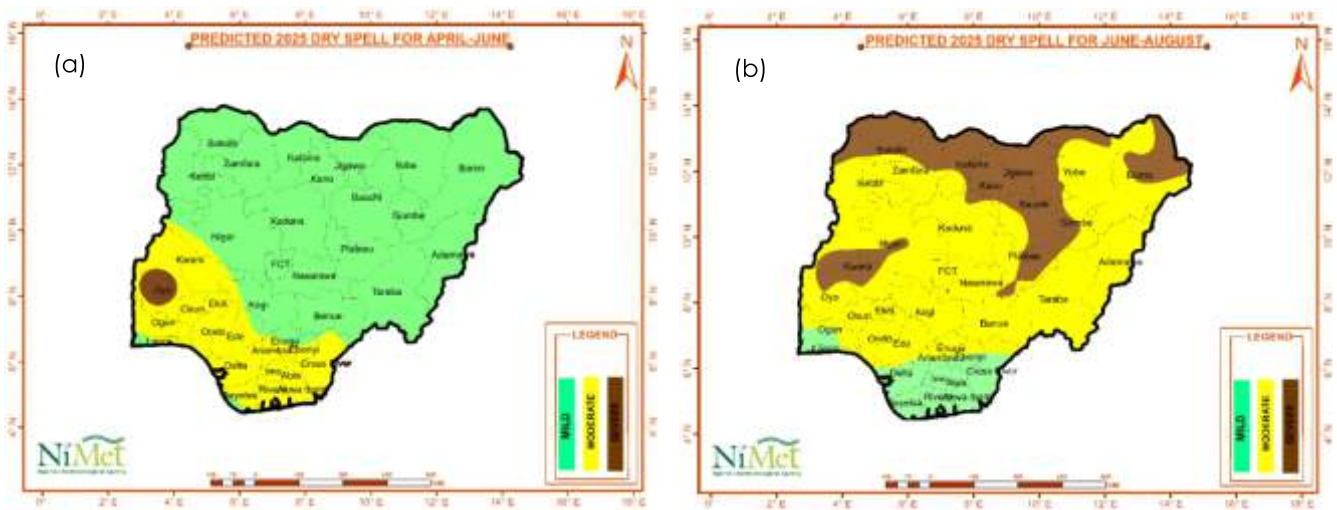
Ngosiputa 6 : Onu Amuma ogo mmiri ozuzo kwa afọ na oputu site na nkiti.

Ngụkọta oke mmiri ozuzo gburugburu Najirija na 2025 ka a na-ebu amụma na ọ ga-adị n'etiti 405 mm n'ebe ugwu di anya na 3010 mm na steeti ndị dị n'ụsọ oké osimiri nke mba ahụ ((Lee Ngosiputa 6 (a)) A na-ebu amụma na mkpokota mmiri ozuzo kwa afọ na Borno, Yobe, Sokoto, na Katsina steeti nwere ike ghara jbu ihe na-erughị 685 mm mmiri ozuzo n'etiti steeti (akukụ Niger, Kwara, Plateau, Nasarawa, Benue na FCT). A na-atụ anya na ọ ga-esi na 970 mm ruo 1500 mm Atumatụ na Rivers, Bayelsa, Cross River, na Akwa Ibom steeti ga-enwe n'etiti 2700 mm na 3010 mm nke mmiri ozuzo kwa afọ.

Amụma na-egosị na n'afọ 2025, mkpokota oke mmiri ozuzo n'ọtutụ akukụ nke Najirija nwere ike idị na-adichaghị mma ma e jiri ya tūnyere nkezi ogologo oge. Akukụ di iche iche nke Kaduna, Ebonyi, Cross River, Lagos, Abia, Akwa Ibom steeti, na FCT na-atụ anya na ha ga-enwe oke mmiri ozuzo karja nke ọma kwa afọ dika e gosiri na Ngosiputa 6 (b).

Mmelite zuru ezu na ndumodu ga-adị na webusaiti Agency (www.nimet.gov.ng)

2.1.5 Amụma Ọkọchị maka oge mmiri ozuzo 2025



Ngosiputa 7 : Ebe Ebe e buru amụma oge ọkọchị n'eprel - Juun (a) na Juun - Ogosu 2025 (b)

Amụma na-egosị na n'oge Eprel - Mee -Juun, enwere ike inwe oke ọkọchị kporo nkụ karja ụbọchị iri na ise ka e guzobechara mmiri ozuzo na steeti Oyo (Saki, Iseyin, Ogbomosho, Atisbo, Orelupe, Itesiwaju, Olorunsogo, Kajola, Iwajowa na Ori Ire). Ọkọchị kporo nkụ nke nwere ike idị ụbọchị iri na ise na Ekiti, Osun, Ondo, Ogun, Edo, Ebonyi,

Anambra, Imo, Abia, Cross River, Delta, Bayelsa, na Akwa Ibom steeti na ndida. A na-ebu amụma na ajo ọkọchị nke nwere ike idiru ụbọchị iri abuo na otu na mpaghara ugwu Najirija n'oge Juun-Julai-Ogosu.

Tebul 1: Amuma Okochi Siri Ike Juun - Ogostu 2025

Steeti	Okpuruochichi yikariri na okochi ga-emetuta LGA (ubochi 21 ma karja)
Borno	Abadam, Bama, Mobbar, Kukawa, Guzamala, Gubio, Nganzai, Monguno, Marte, Ngala, Bama, Gwoza, Kaga, Mafa, Magumeri
Yobe	Barde, Bursari, Damaturu, Fika, Potiskum, Geidam, Machina, Nguru, Karasuwa, Yunusari, Yusufari, Jakusko, Tarmuwa
Katsina	Baure, Batsari, Bindawa, Batagarawa, Daura, Charanchi, Kankia, Jibia, Rimi, Mani, Mashi, Mai'Adua, Matazu, Katsina, Dutsi, Sandamu, Ingawa, Zango
Jigawa	Babura, Birniwa, Gwiwa, Garki, Roni, Kazaure, Gumel, Guri, Yankwashi, Kirkasama, Maigatari, Kaugama, Sule-Tankarkar, Malam Madori
Bauchi	Damban, Darazo, Gamawa, Giade, Itas/Gadau, Jama'are, Katagum, Misau, Ningi, Shira, Warji, Zaki
Yobe	Barde, Bursari, Geidam, Machina, Nguru, Karasuwa, Yunusari, Yusufari, Jakusko, Tarmuwa
Kebbi	Arewa Dandi, Aleiro, Kalgo, Bunza, Birnin Kebbi, Argungu, Augie, Jega, Maiyana
Kano	Bichi, Dambata, Makoda, Tsanyawa, Kunchi, Bagwai, Gwarzo, Tofa
Zamfara	Anka, Bakura, Birnin Magaji, Bukkuyum, Bungudu, Gummi, Kaura Namoda, Shinkafi, Talata Mafara, Tsafe
Sokoto	Binji, Bodinga, Dange-Shuni, Gada, Gwadabawa, Illela, Isa, Rabah, Shagari, Silame, Tambuwal, Yabo
Gombe	Nafada, Yamaltu-Deba, Dukku, Funakaye
Plateau	Langtang North, Kanke

2.1.6 Amuma Obere Oge Okochi (LDS) 2025



Ngosiputa 8 : Amuma 2025 obere oge okochi.

A na-atụ anya na obere oge akọrọ na 2025 ga-adị n'ọkara karịa steeti Lagos na Oyo. Ngosipụta ụbọchị akọrọ na steeti Lagos na Oyo ga-adị n'etiti ụbọchị iri abụọ na asaa ruo iri anọ. A na-ebu amụma na obere oge ọkọchị maka 2025 gafee ndịda ọdịdaanyanwụ nwere ike j'ọ site na Julai 22nd,

2024. A na-atụ anya mmetụta LDS na-adighi mma karịa Ogun, Oyo, na Ekiti steeti. Osun, Oyo, Kwara, n'akụkụ nke ugwu Ondo nwere ike ihu ihè maobu di nwayo obere oge ọkọchị n'afọ a.

Tebul 2: Amụma ụbọchị mmalite Obere Oge Ọkọchị (LDS) 2025 na Ndịda Ọdịdaanyanwụ nke Najirịa

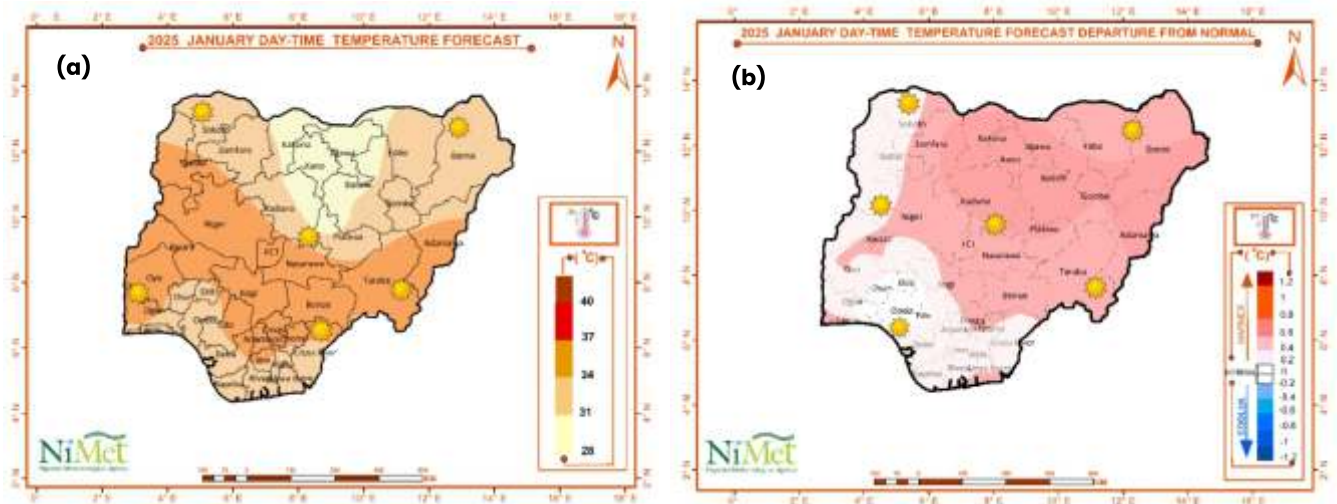
STEETI	OBODO	Amuma Ubochi Mmalite nke LDS2025
Ogun	Abeokuta	Julai 21
Ekiti	Ado-Ekiti	Julai 24
Ondo	Akure	Julai 24
Edo	Benin	Julai 31
Oyo	Ibadan	Julai 22
Ogun	Ijebu-Ode	Julai 25
Lagos	Ikeja	Julai 19
Kwara	Ilorin	Julai 28
Oyo	Iseyin	Julai 29
Lagos	Lagos Island	Julai 20
Osun	Osogbo	Julai 28
Oyo	Shaki	Ọgostu 5

2.2 Amụma Okpomọkụ 2025

Okpomọkụ ehie na abali nke e buru n'amụma, yana ọpụpụ sitere na ogologo oge (1991 – 2020) nkezi maka ọnwá ise di oke egwu - Jenwari, Febwari, Maachi, Eprel na Mee 2025 ka eweputara na ngalaba a. A na-enwe mmetụta nke okpomọkụ na obodo n'ime ọnwá ndi a, ya bu, oge oyi n'oge Jenwari mgbe oge okpomọkụ na-eme na

Maachi, Eprel, na Mee, dabere n'onodu n'imeobodo ahụ. A na-atụ anya na okpomọkụ di n'akukub obodo ahụ ga-ekpo oku karia ka o na-adikari (ya bu, na-ekpo oku karia nha okpomokụ n'oge).

2.2.1 Amuma Okpomoku Ubochi-Oge N'ofe Najirija maka Jenwarị 2025

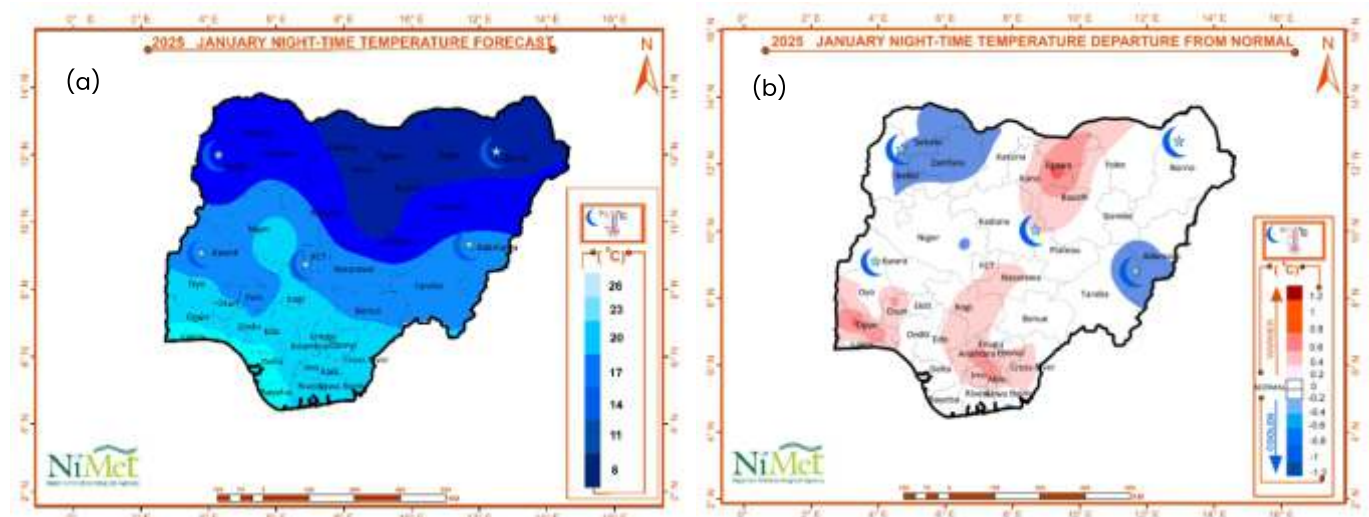


Ngosiputa 9 : Amuma okpomoku ubochi na oputu site na nkiti Jenwarị 2025.

A na-atụ anya na okpomoku ubochi na 2025 ga-adị n'etiti 28.8 °C na 35.9 °C gburugburu obodo ahụ. A na-atụ anya na steeti etiti, akụkụ nke ugwu oṣuwaaanyanwụ, ndịda oṣuwaaanyanwụ, na ndịda oḍidaanyanwụ ga-enwe okpomoku ubochi karịa 34 °C. A na-atụ anya na mpaghara ndị dị n'akụkụ mmiri ga-enwe okpomoku n'etiti 31 °C ruo 34 °C, ebe Kano, Katsina, Jigawa, Bauchi na Plateau steeti

na-atụ anya ihu okpomoku kachasi dij ala. Dịka e gosiri na Ngosiputa 9 (b), n'oge ehihie, a na-atụ anya na otutu mba ahụ ga-ekpo oku karịa ka o dij na Jenwarị 2025. Kaosinadi, Osun, Ekiti, Ondo, na Edo steeti nwere ike inweta okpomoku nke ehihie n'ime onwa ahụ.

2.2.2 Amuma Okpomoku abali gburugburu Najirija maka Jenwarị 2025



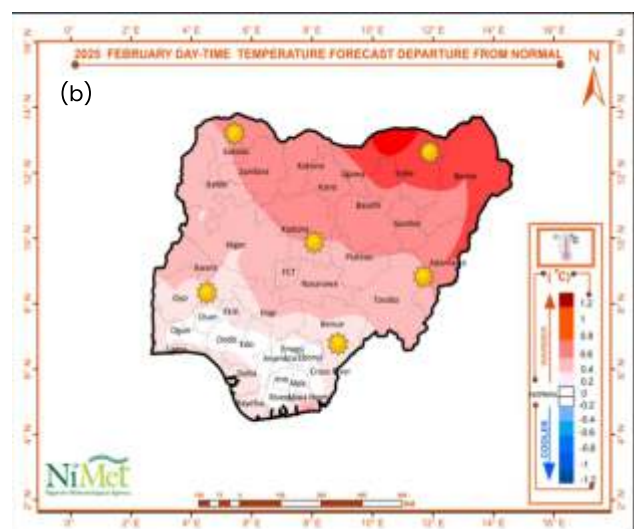
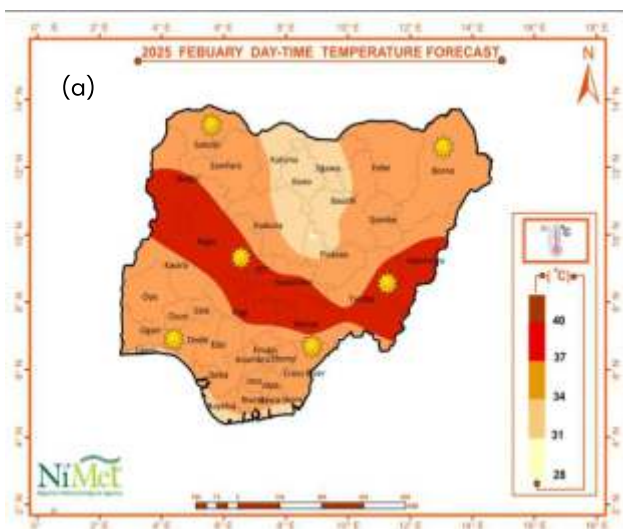
Ngosiputa 10 : Amuma okpomoku oge abali na oputu site na nkiti Jenwarị 2025.

Okpomọkụ abalị na Jenụwarị 2025 ga-adịgasị iche n'etiti 11 °C na 23 °C gburugburu obodo ahụ. A na-atụ anya na akụkụ ugwu nke mba ahụ ga-edekọ okpomọkụ nke abalị karịa ka ọ na-adịkarị, ebe a na-atụ anya na ebe ndị n'ụsọ oké osimiri nke mba ahụ ga-enwe okpomọkụ dị elu karịa ka ọ na - emekarị dị ka e gosiri na Ngosiputa 10

(b).

Okpomọkụ abalị na Jenụwarị 2025 na-atụ anya na ọ ga-adị mma n'ọtụtụ mpaghara obodo ma e wezuga n'akụkụ Jigawa, Kano, Bauchi, Ogun, Anambra, Osun, Abia na Imo steeti nke ga-enwe okpomọkụ karịa ka ọ dị n'abalị, ebe a na-atụ anya na akụkụ Sokoto, Zamfara, Kebbi, Adamawa

2.2.3 Amụma Okpomọkụ Ụbọchị-Oge gburugburu Najirịa maka Febụwarị 2025



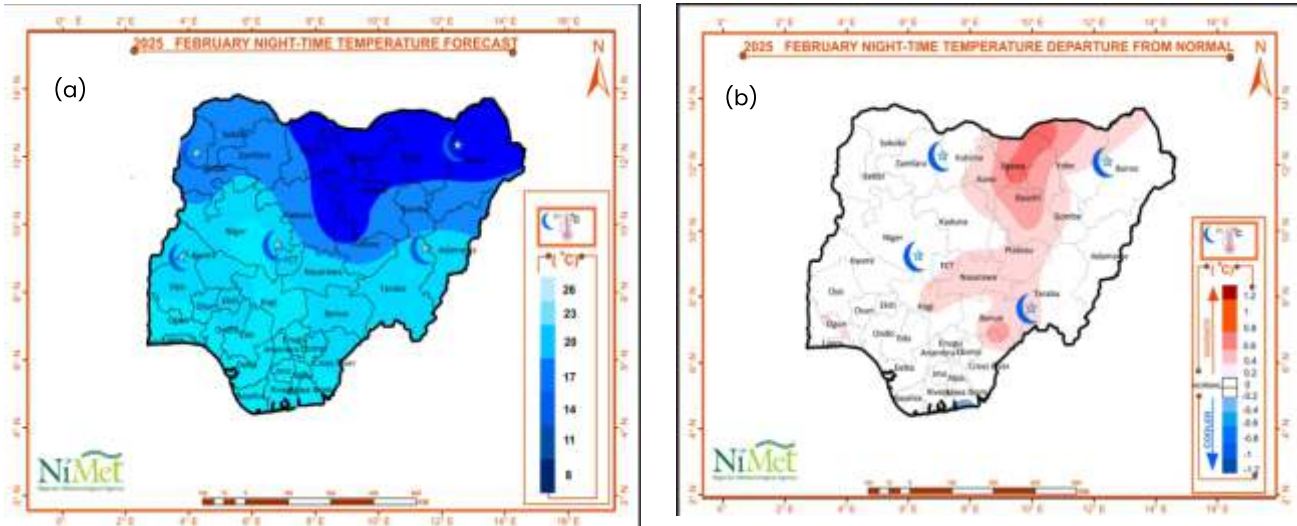
Ngosiputa 11 : Amụma okpomọkụ ụbọchị na ọrụrụ na nkịtị Febụwarị 2025.

The forecast shows that in February 2025, daytime temperature across Nigeria will range between 31 °C and 38.9°C, depending on the location in the country. The lowest daytime temperature of 31°C is likely to be observed over Plateau State while parts of Kebbi, Niger, Kogi, Nasarawa, Benue, Taraba, Adamawa states and the FCT are predicted to have the highest

daytime temperatures between 37 °C and 38.9°C.

Daytime temperatures in February are expected to be predominantly warmer than normal over most parts of the country as depicted in Figure 11(b). In parts of Ogun, Osun, Ondo, Edo, Anambra, Enugu, Imo, Abia, Rivers, and Cross River states daytime temperatures are expected to be normal during this period.

2.2.4 Amuma Okpomoku Abali Gburugburu Najirja maka Febwari 2025



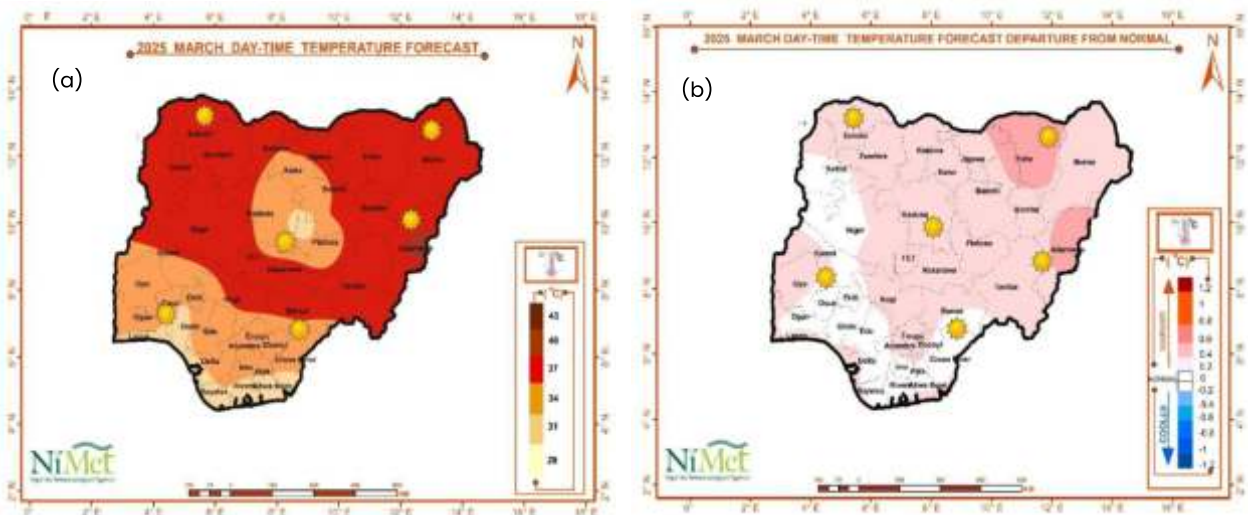
Ngosiputa 12 : Amuma okpomoku abali na orumu na nkiti Febwari 2025.

Opekata mpe (oge abali) okpomoku maka Febwari 2025 ka e buru n'amuma na o ga-esi na 14°C ruo 26°C gburugburu mba ahụ. Steeti ndi di na North Central dika Niger, FCT, Kwara, Nasarawa, Taraba, Benue, Kogi, Steeti akuku osimiri dika Cross-River, Akwa Ibom, Rivers, Bayelsa na Delta ga-edeko okpomoku abali n'etiti 20 °C ruo 26°C. Ebe ugwu dika Plateau, Gombe, Kaduna, Kebbi, Zamfara, Sokoto, Katsina, Jigawa, Yobe na Borno na-atu

anya inwe okpomoku n'okpuru 20 °C.

Na 2025, a na-atu anya na okpomoku abali nke Febwari ga-adi mma n'otutu akuku nke mba ahụ ma e wezuga steeti dika Nasarawa, Jigawa, Bauchi, na akuku nke Yobe, Benue, Kogi, Taraba, Plateau, Gombe, Borno, Kano, Katsina, Kaduna nke na-egosị oku karja onodu nkiti. A na-atu anya otu akuku na steeti Akwa Ibom ga-adi juu karja ka o di ka e gosiri na Ngosiputa 12b.

2.2.5 Amuma Okpomoku Ubochi Gburugburu Najirja maka Maachi 2025



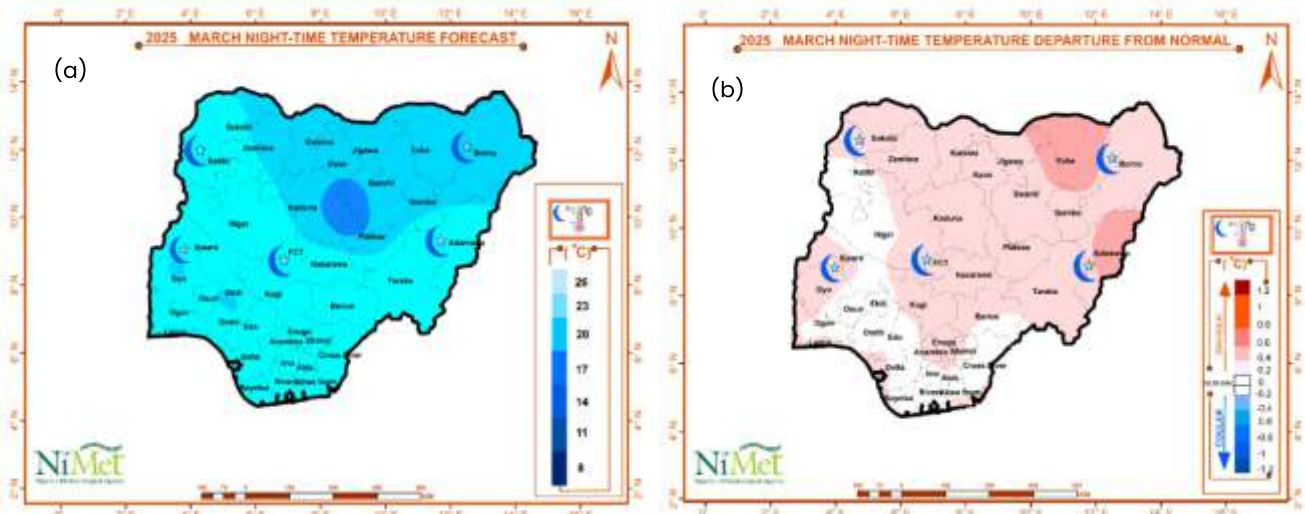
Ngosiputa 13 : Amuma okpomoku ubochi na orumu na nkiti Maachi 2025.

A na-ebu amuma na okpomoku ubochi (kachasi) na Maachi 2025 ga-adigasị iche site na 31.0 ruo 43 °C gburugburu obodo ahụ. A na-atụ anya na onodu okpomoku kachasi di ala nke 31 ruo 34 °C n'elu steeti Plateau di na uguw etiti Najirja na steeti ndi di n'uso osimiri nke Akwa- Ibom, Rivers, Bayelsa, Ondo, Lagos, na akuku Cross River, na steeti Delta, ebe nke kachasi elu nke 40 ruo 43 °C ka a na-atụ anya na steeti Adamawa. Otutu n'ime steeti uguw na steeti etiti ka a na-ebu amuma na ha ga-edeko ubochi okpomoku nke 37 ruo 40 °C, ebe

akuku nke Kano, Kaduna, Bauchi, Plateau di n'Ugwu, na Oyo, Osun, Ogun, Ekiti, Edo, Enugu, Anambra, Ebonyi, Imo, Abia, na akuku Cross River na Delta steeti ga-edeko okpomoku ubochi 34 ruo 37 °C n'onwa Ngosiputa 13 (a).

Ntulekorita nke amuma ubochi-oge okpomoku nke Maachi na 1991-2020 nha ukpuru na-ekpughe na otutu akuku nke mba ga-aditu oku karja nkiti site 0.2 ka 0.6 °C n'onwa, mgbe nkiti okpomoku na-atụ anya n'elu Ndida Kebbi, Niger, Osun, Ogun, Ekiti, Ondo, Edo, Cross River, Bayelsa na akuku nke Kwara steeti (Ngosiputa 13 (b)).

2.2.6 Amuma okpomoku abali Gburugburu Najirja maka Maachi 2025

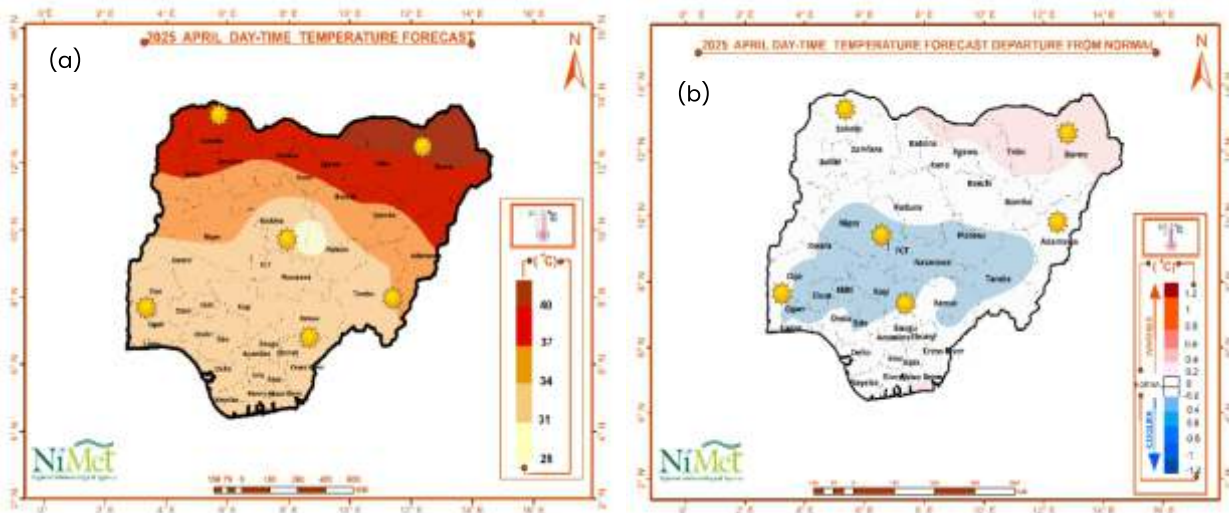


Ngosiputa 14 : Amuma okpomoku ubochi na opuru na nkiti Maachi 2025.

Okpomoku abali gburugburu Najirja na Maachi 2025 ka a na-atụ anya na o ga-adị n'etiti 16.9 °C na 26.3 °C dika e gosiri na (Ngosiputa 14(a)). Okpomoku kacha ala nke 16.9 °C ka a na-atụ anya na steeti Plateau, ebe a na-atụ anya uru kacha elu nke 26.5 °C karja na Niger. Akuku obodo ndi ozọ ka a na-atụ anya ga-enwe okpomoku abali kariji 23.0 °C. Okpomoku ahụ na-agbadakarị n'akuku

ugwu owuwaanyanwu nke mba ahụ. Maachi afọ 2025 ka a na-atụ anya na okpomoku ga-adị n'abali n'otutu akuku nke obodo ahụ, na-ekpo oku karja ka o di na mpaghara Yobe, Jigawa, Bauchi na Benue steeti, ebe a na-atụ anya na mpaghara Niger, Kebbi, Katsina, Enugu na Rivers ga-adị oyi karja ka o di n'ime onwa ahụ.

2.2.7 Amuma Okpomoku Ubochi-oge Gburugburu Najirija maka Eprel 2025

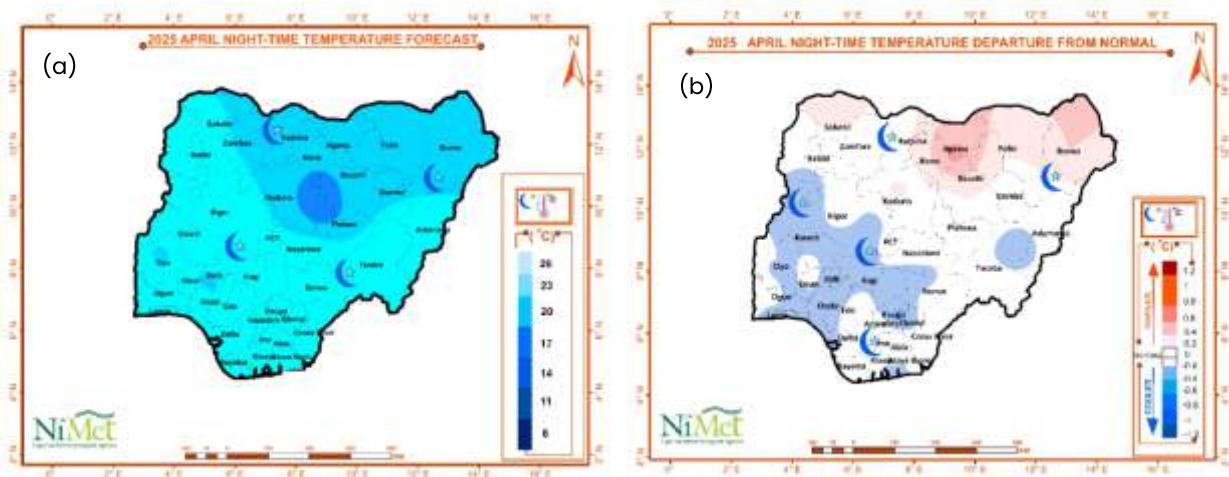


Ngosiputa 15 : Amuma okpomoku ubochi na opupu site na nkiti Eprel 2025.

A na-ebu amuma na okpomoku nke ubochi n'Eprel 2025 ga-adji n'etiti 31 na 43 °C gburugburu obodo ahụ. A na-atụ anya na akụkụ Plateau, Kaduna, Bauchi, na ndịda steeti ga-edekọ okpomoku kacha ala n'ehihie nke 28 °C ruo 34 °C.

Amuma ahụ na-egosij na n'Eprel 2025, a na-atụ anya na okpomoku ehihie ga-adji mma karịa otụtụ akụkụ nke mba ahụ. Kaosinadi, a na-atụ anya okpomoku n'okpuru-nkiti nke ubochi na akụkụ Kaduna, Niger, Plateau, Taraba, Nasarawa, Benue, Kwara, Oyo, Kogi, Ekiti, Ondo, Edo, Osun Ogun, na FCT. Ọzọkwa, a na-atụ anya okpomoku na-ekpo oku karịa ka o di n'akụkụ ufodu nke Katsina, Jigawa, Yobe,

2.2.8 Amuma okpomoku abali Gburugburu Najirija maka Eprel 2025



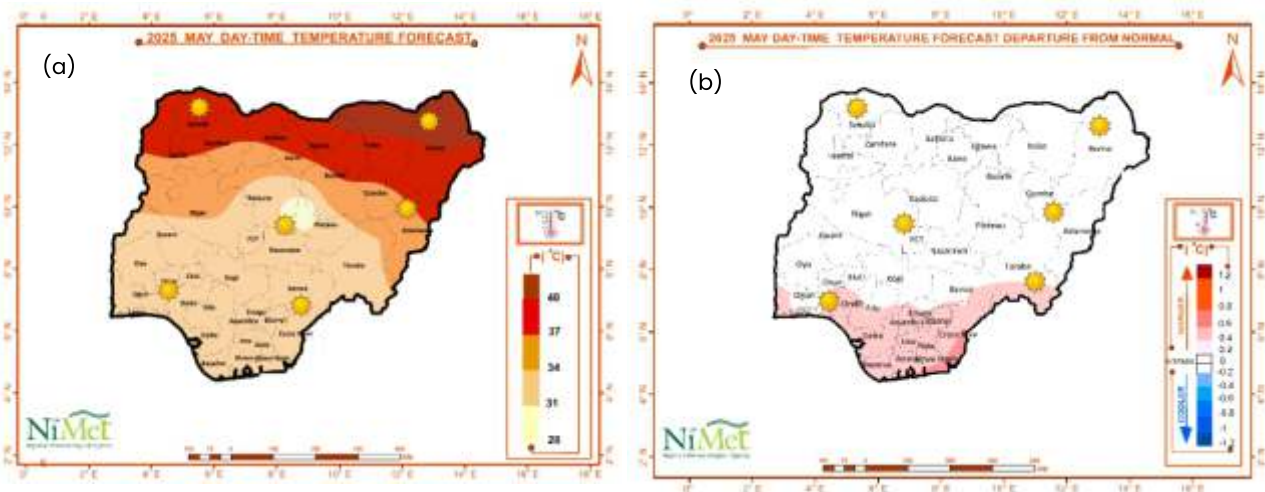
Ngosiputa 16 : Amuma okpomoku oge abali na opupu site na nkiti Eprel 2025.

Okpomọkụ abalị gburugburu Najirija n'Epel 2025 ka a na-ebu amụma na ọ ga-esi na 17 °C ruo 26 °C maka steeti niile dị na mba ahụ. A na-atụ anya na ọtụtụ akụkụ nke mba ahụ ga-enwe okpomọkụ n'abalị n'etiti 23°C ruo 26°C. A na-atụ anya na akụkụ Sokoto, Zamfara, Kebbi, na Adamawa ga-edekọ okpomọkụ kachasi elu n'abalị karịa 26°C, ebe a na-atụ anya na mpaghara Plateau, Kaduna, Bauchi, Oyo, Osun na Ekiti ga-edekọ okpomọkụ kacha ala n'abalị n'etiti

17°C na 23°C.

Okpomọkụ n'abalị nkịtị ka a na-atụ anya na mba ahụ ma e wezuga akụkụ Sokoto, Katsina, Kano, Kaduna, Jigawa, Bauchi, Yobe, Borno na Ogun steeti bụ ebe a na-atụ anya na ọ na-ekpo ọkụ karịa ka ọ na-adị n'abalị. N'okpuru ọ̀nọ̀du abalị nkịtị ka a na-atụ anya n'akụkụ Kebbi, Niger, Kwara, Oyo, Ekiti, Osun, Ondo, Lagos, Delta, Kogi, Benue, Enugu, Rivers, Akwa Ibom, Taraba na Adamawa steeti n'ime ọ̀nwa ahụ.

2.2.9 Amụma Okpomọkụ Ụbọchị-oge Gburugburu Najirija na Mee 2025



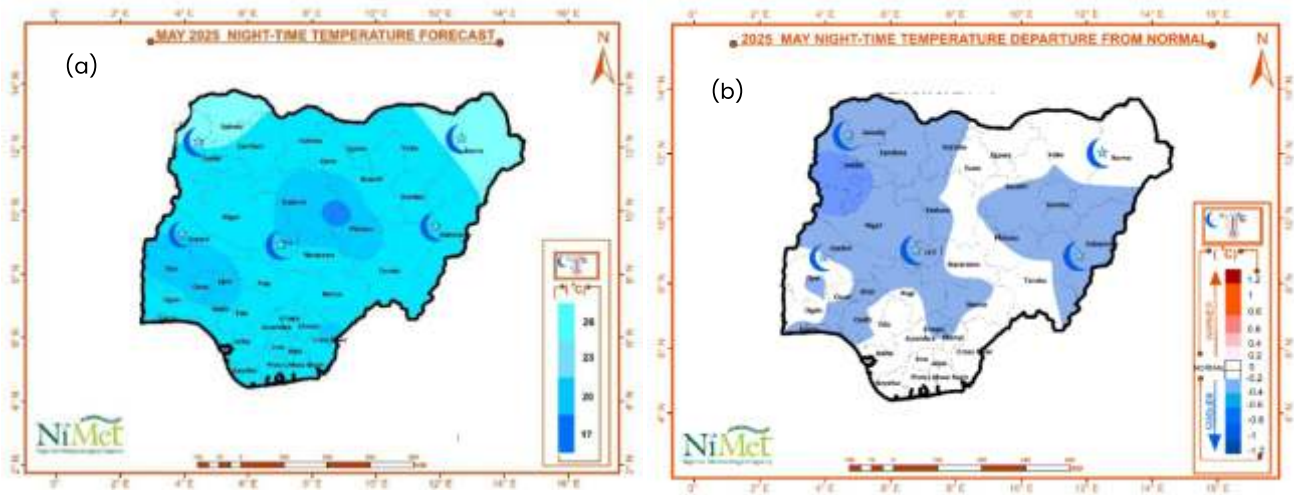
Ngosipụta 17 : Amụma okpomọkụ ụbọchị na ọrụmụ na nkịtị Mee 2025.

Ngosipụta 17 (a) na-egosị oke okpomọkụ (ụbọchị) a tụtụ amụma na Najirija maka Mee 2025. A na-atụ anya na okpomọkụ ụbọchị kachasi elu nke 28 ruo 42 °C na mba ahụ dum. A na-atụ anya okpomọkụ kachasi elu nke 40 °C na karịa n'akụkụ North-East nke mba ahụ. A na-atụ anya okpomọkụ ụbọchị 37 ruo 40 °C n'elu Sokoto, akụkụ nke Zamfara, Kebbi, Katsina, Kano, Jigawa, Bauchi, Yobe, Borno, Gombe, na Adamawa Steeti n'ime ọ̀nwa ahụ. Ndịda na Steeti Etiti ga-enweta okpomọkụ n'ehihie nke 31 ruo 34 °C ma e wezuga akụkụ Kaduna na Plateau steeti ebe e

nwere ike idekọ 28 °C.

Ngosipụta 17 (b) na-egosị oke amụma ọrụmụ (ụbọchị) okpomọkụ site na nkịtị gburugburu Najirija maka Mee 2025. A na-atụ anya ọ̀nọ̀du okpomọkụ nkịtị na North na North Central niile ma e wezuga akụkụ ndịda nke steeti Taraba na Benue. Ndịda steeti nwere ike ihụ okpomọkụ karịa ka ọ na-adị kwa ụbọchị, ewezuga Oyo, Ekiti na akụkụ Osun, Ogun, Ondo, Enugu na Edo steeti, bụ nke a na-atụ anya na ọ ga-adị mma.

2.2.10 Amụma Okpomoku Abalị Gburugburu Najirija maka Mee 2025



Ngosiputa 18 : Amụma okpomoku abalị na oṣupụ na nkịtị Mee 2025.

Ngosiputa 18 (a) na-egosi okpomoku opekata mpe (abalị) e buru n'amụma gburugburu Najirija maka Mee 2025. A na-atụ anya na okpomoku nke abalị bụ 17 ruo 26°C gburugburu obodo ahụ. A na-atụ anya na okpomoku dị n'abalị kacha ala bụ 17 ruo 20 °C n'akụkụ ugwu Plateau na obere akụkụ Kaduna steeti. A na-atụ anya okpomoku kachasi elu n'abalị nke 26°C na karịa n'akụkụ ụfọdụ nke ugwu oṣwụwa anyanwụ na ugwu oḍida anyanwụ.

Ngosiputa 18 (b) na-egosi amụma okpomoku nke abalị na-apụ site na nkịtị gafee Najirija maka May 2025. A na-atụ anya ka oyi na-atụ oyi karịa akụkụ nke ugwu: Sokoto, Kebbi, Zamfara, akụkụ nke Katsina, Kaduna, Kano, Adamawa, Gombe, Bauchi akụkụ nke Taraba, Borno, na Yobe steeti, akụkụ nke North Central na South. A na-ebu amụma okpomoku nke abalị maka akụkụ ndị fọdurụ na mba ahụ n'ime onwa ahụ.

2.3 Ihuigwe na ahụike

Mgbanwe n'ọnọdụ ihuigwe, okachasi okpomoku, mmiri ozuzo, na iru mmiri, na-emetụta ndụ, nkesa mbara ala, na omume umu ahuhụ (dịka anwuntan) na ihe ndị ọzọ na-ebunye maḡbụ na-ebute ọrịa. N'oge mmiri ozuzo, e nwere ohere dij ukwu nke ntiwapu nke ọrịa ndị na-ebute mmiri dika

ogbubgbo ogbubgbo; karisija na mpaghara ide mmiri na-enwechaghị idobe ọcha.

N'akukụ ndi di n'usọ oké osimiri nke mba ahụ, mmuba nke mmiri ozuzo, oke mmiri ozuzo, na iri elu okpomoku nke oké osimiri nwere ike ime ka mmiri na-ebuwanye ibu na ohere nke imalite ọrịa ndi metutara mmiri. Mgbanwe ihuigwe nwekwara ike imetuta ahụ ike na odimma ndi mmadu site n'igbanwe ugboro maḡbụ ike nke ihe omume ihuigwe na mgbasa nke ụfodu umu ahuhu na ọrịa .

2.3.1 Ogologo oge Iba, Ọrịa Menejaitis na Nchekasi Okpomoku

Iba bu ọrịa na-efe efe ma burukwa akamgba ahūike ọhanaeze n'ụwa ma Najirija so na mba ise nwere oke iba. N'afọ 2023, e nwere ọrịa iba di nde 263 n'ụwa niile ma Najirija ruru nde 68.14 maḡbụ ihe dika 26%. Mgbasana nkesa ala nke iba, menejaitis, na nchekasi okpomoku na Najirija bu nke ukwu n'oge. Oke mmiri ozuzo na onodu okpomoku na-emetuta ntiwapu nke iba, ebe a na-ekpebi onodu nke menejaitis site na iru mmiri di ala na ntinye uzuzu na ikuku.



Ngosiputa 19 : Anwunta Anofelis

(Source: https://www.freepik.com/premium-photo/aedes-mosquitoe-is-sucking-blood-human-skin_15383001.htm)

Mgbanwe nke oge n'udị ihuigwe na-emetuta mbufe orja iba n'ih i mmetuta nke nje na-ahụ maka onodu okpomoku, mmiri ozuzo na iru mmiri. A na-ebunye nje iba site n'aka ndi bu orja ahụ gaa na ndi ahụike site na anwunta anopheles nwanyị. Onugugụ nke anwunta, ya mere, onu ogugụ mgbasa nke iba, na-emetutakwa ihuigwe na ihe ndi ozo gburugburu ebe obibi.

Oke Ihuigwe Dabara Adaba Maka Iba

Dika International Research Institute for Climate and Society (IRI) si kwuo, a na-akwa oge ihuigwe kwesiri ekwesị maka mbufe iba dika ohere nke ikpokota mmiri ozuzo kariji 80 mm, nha okpomoku n'etiti 18 °C na 32 °C, na iru mmiri di elu karija 60%. Mmetuta di iche iche nke mgbanwe ihuigwe ndi a notu ebe maobu mpaghara na-egosj njedebe di ala maka mgbasa orja iba nwere ike na mpaghara ahụ. Nke a putara na orja iba nwere ike ime ozugbo onodu ndi a zutere.

Menejaitis bu orja siri ike nke meninges, akpukpo ahụ na-ekpuchi uburu na okpukpu azu. O bu orja na-emebi emebi nke na-anogide na-abu nnukwu akamgba ahūike oha. Orja a na-ebute site n'udj nje bacteria di iche iche,

fungai, maobu nje, ma a na-ahụ oke ibu zuru uwa onu site na nje menejaitis. Meningococcal menejaitis nwere ike imetuta onye obula nke afu obula mana o na-emetuta umu ohuru, umuaka ulo akwukwo ota akara, na ndi na-eto eto. Orja ahụ nwere ike ime n'onodu digasj iche iche site na oge ufodu na obere uyokpo ruo na nnukwu orja na-efe efe n'ua nile, na-enwe mgbanwe di iche iche nke oge.

Nnukwu ibu nke meningococcal menejaitis na-aputa na Menejaitis Belt, mpaghara di na Sub-Saharan Africa, nke sitere na Senegal na odidaanyanwu ruo Etiopia n'Ebe Owuwaanyanwu dika e gosiri na Ngosiputa 20. Najirja bu otu n'ime mba 26 nke Otū World Health Organization na-ekewaputa dika menejaitis hyper-endemic n'Afrika.

Mmetuta nke Cerebrospinal Menejaitis (CSM) bu oge nke ukwu. Ihuigwe kpore nku, uzuzu uzuzu nke na-eme kwa oge na eriri a na-akwado ntiwapu na mgbasa nke menejaitis. Steeti iri na itoolu niile di na mpaghara ugwu Najirja, yana Federal Capital Territory (FCT) dabara na Menejaitis Belt. Orja menejaitis na-aputakarj na steeti ndi a n'oge okochi. Ufodu steeti ndida dika Ekiti, Ogun, Ondo, Osun, akuku Bayelsa, Cross River na Delta steeti na-akokwa na o na-ebute orja Cerebrospinal Menejaitis (CSM) n'oge okochi.



Ngosiputa 20 : African Menejaịtis Belt (Mba Menejaịtis Belt na Sub-Saharan Afrịka)

Oke Ihuigwe Maka Mfesa nke Menejaịtis

Ekwesiri ịtụ anya ntiwapu nke orja ahụ mgbe iru mmiri di n'etiti 20-40%, okpomoku di ihe di ka 20 °C ruo 25 °C na ntinye uzuzu nke 200 ruo 500 $\mu\text{g}/\text{m}^3$. Ihe gbasara nke puru omume nke ntiwapu na-abawanye ka iru mmiri na-ebelata na ntinye uzuzu na-abawanye. A na-eji iru mmiri ditu ala, uzuzu na okpomoku ikuku di ka amuma amuma n'ichoputa ihe gbasara puru omume yana onu uzọ nche maka menejaịtis. Maka nche di elu, iru mmiri nke na-erughị 20%, a na-etinye onodu okpomoku n'etiti 25 °C ruo 32 °C, na ntinye ikuku nke uzuzu n'etiti 500 na 2000 $\mu\text{g}/\text{m}^3$. Maka nche na-agafeghi oke, iru mmiri di n'etiti 20 ruo 40%, okpomoku nke 20 °C ruo 25 °C

na ntinye uzuzu nke 200-500 $\mu\text{g}/\text{m}^3$ na-egosị.

A na-atu alo nche di ala mgbe iru mmiri di n'okpuru 40%, okpomoku di n'okpuru 25 na ntinye uzuzu di n'etiti 50 na 200 $\mu\text{g}/\text{m}^3$ ebe o dighi mkpa nche ma o buru na enwere oke mmiri ozuzo.

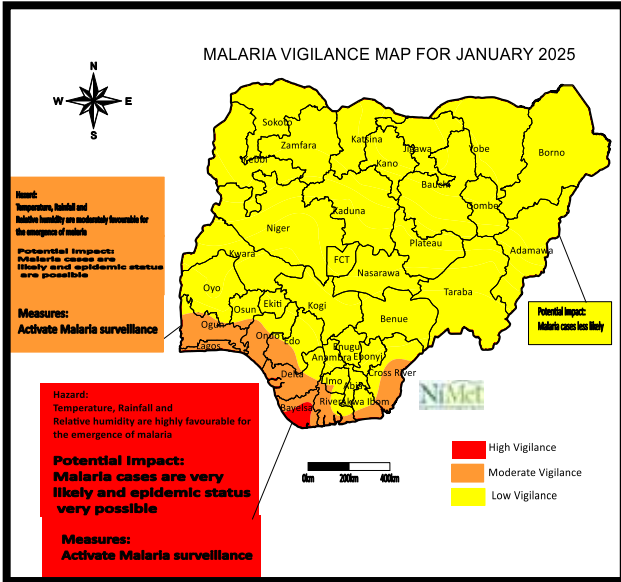
2.3.2 Mmetuta Nke Onodu Ihuigwe Na Njikwa nke Ogwu

Nkwusi ike nke ogwu na-emetakwa onodu ihuigwe. Nkwusi ike na ike nke ogwu ojoo na-emetuta onodu okpomoku na iru mmiri. Ya mere, a na-eji amuma amuma di na Amuma Oge Ihuigwe (SCP) maka ibu amuma enweghi ike nke ogwu gburugburu obodo ahụ.

2.4 Nche Ọrịa

2.4.1 Iba

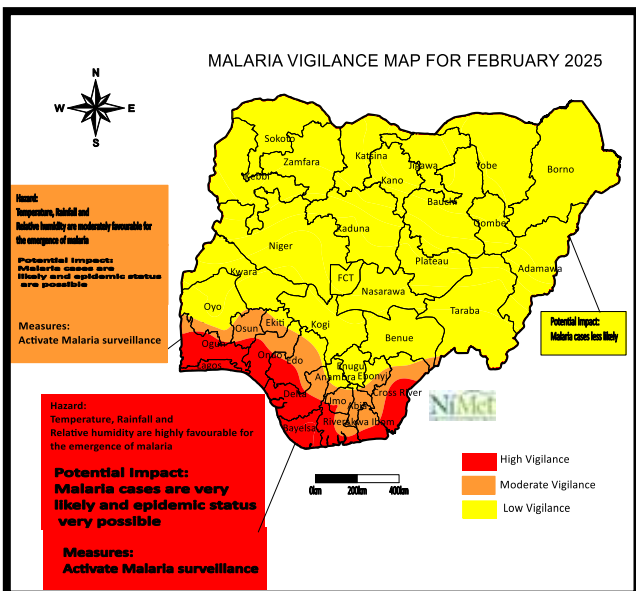
2.4.1.1 Nche Iba Jenụwarị 2025



Ngosiputa 21 : Nche Iba Jenụwarị 2025

Ọnọdụ ihuigwe a na-atụ anya na Jenụwarị 2025 na-egosị na ohere nke iba n'ọtụtụ akụkụ nke mba ahụ dị ntakịrị. Ya mere, a na-adụ ọdụ nche dị ala maka ọrịa iba n'ọtụtụ akụkụ nke mba ahụ ma e wezuga na steeti ndị n'ụsọ oké osimiri ebe ọnọdụ ihuigwe nwere ike ikwado ọrịa iba. Ya mere a na-enye iwu nche nke ọma na nche dị elu maka steeti Bayelsa . (Ngosiputa nke 21).

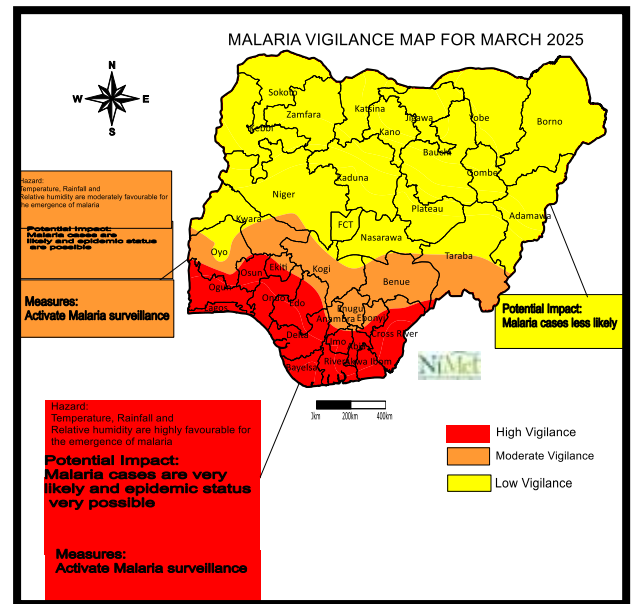
2.4.1.2 Nche Iba Febụwarị 2025



Ngosiputa 22 : Nche Iba Febụwarị 2025

Ọnọdụ ihuigwe a na-atụ anya na Febụwarị 2025 na-egosị na ohere nke iba na-adị ala karịa akụkụ buru ibu nke mba ahụ. Ya mere, a na-adụ ọdụ nche dị ala maka ọrịa iba n'ọtụtụ akụkụ nke obodo ma e wezuga n'ụsọ oké osimiri na akụkụ nke ala; Ebe enwere ike ibute ọrịa iba dị elu yana agafeghị oke na Delta, Rivers, Edo, Lagos, Cross River, Bayelsa , Akwa Ibom , Imo, Abia , parts of Anambra , Ebonyi , Osun , Ekiti and Oyo state. N'ihia ya, a na-atụ alo nche dị elu na nke na-agafeghị oke maka steeti ndị ahụ n'ime ọnwá (Ngosiputa 22).

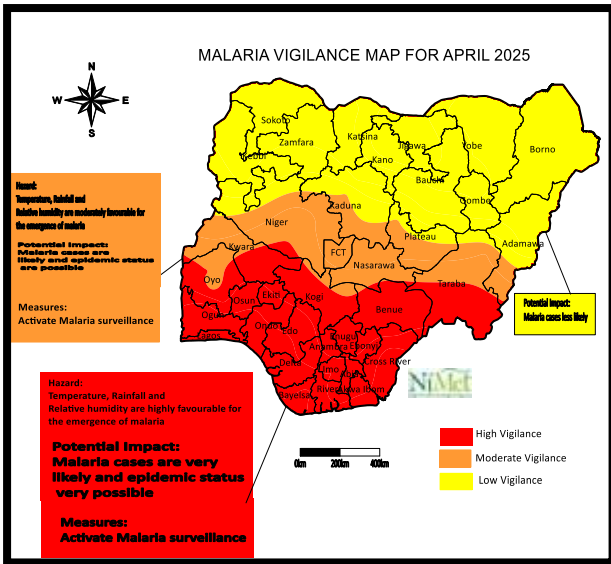
2.4.1.3 Nche Iba Maachị 2025



Ngosiputa 23 : Nche Iba Maachị 2025

Ọnọdụ ihuigwe a na-atụ anya na Maachị 2025 na-egosị na ohere nke iba n'ime ọnwá dị ala karịa steeti ugwu Naijirja na FCT. Ya mere a na-edepụta nche dị ala maka ọrịa iba maka steeti ndị ahụ n'ime ọnwá. Agbanyeghị, e nwere ike ibute ọrịa iba dị elu yana agafeghị oke na steeti ndịda dịka Delta, Rivers, Edo, Lagos, Cross River, Bayelsa, Akwa Ibom, Rivers, Imo, Abia, akụkụ steeti Anambra, Ebonyi, Osun, Ekiti and Oyo. N'ihia ya, a na-atụ alo nche dị elu ma na-agafeghị oke maka steeti ndị ahụ n'ime ọnwá ahụ. (Ngosiputa nke 23).

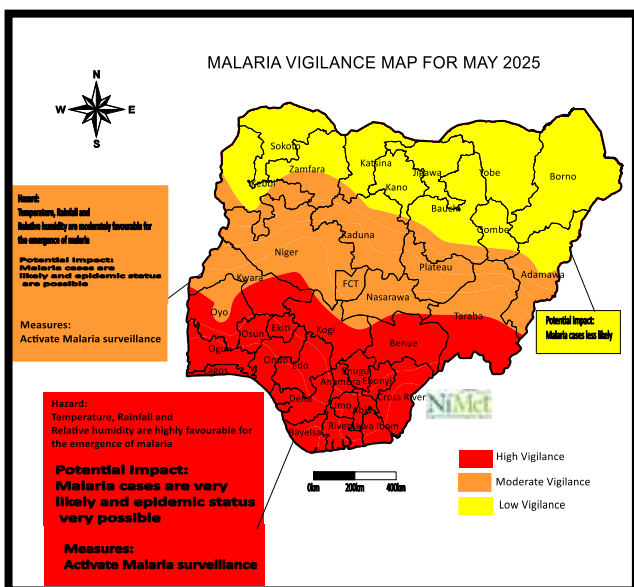
2.4.1.4: Nche İba Eprel 2025



Ngosiputa 24 : Nche İba Eprel 2025

Onodu ihuigwe a turu anya n'eprel 2025 na-egosı na rıja İba agaghı eme n'otutu steeti ugwu. Ya mere, a na-edeputa nlezianya maka İba maka steeti dı iche iche dıka e gosıri na Ngosıputa 24. Kaosinadi, ihe gbasara nke puru omume İba dı oke n'akuku ufordu nke steeti etiti dıka Kogi, Kwara, Benue, Taraba, na akuku ufordu nke steeti ndıda. E nwere ike inwe nche dı elu karıa na steeti ndıda. Ya mere, a na-atu alo nche dı elu na nke dı oke maka mpaghara ndı a. (Ngosıputa nke 24).

2.4.1.5 Nche İba Mee 2025



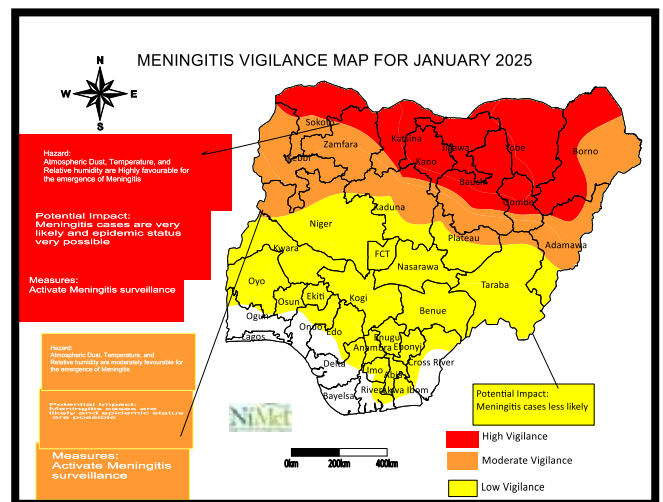
Ngosıputa 25 : Nche İba Mee 2025

Onodu ihuigwe a na-atu anya na Mee 2025 na-egosı na rıja İba enweghı ike ime na steeti mgbago ugwu Naijiriya. Ya mere, a na-atu alo nche dı ala maka rıja İba maka steeti ndı a n'ime onwa. Kaosinadi, e nwere ike ibute rıja İba dı elu n'akuku ufordu nke steeti etiti dıka Kogi, Kwara, Benue na Taraba, na steeti ndıda ma e wezuga akuku nke steeti Oyo. Ya mere, a na-atu alo nche dı elu maka İba maka steeti ndı a n'ime onwa/ Nche dı etiti na-agafeghı oke n'akuku ufordu nke steeti etiti. Ya mere, a na-atu alo nche dı elu na nke agafeghı oke (Ngosıputa 25)

2.5 Nche Menejıtis

Iru mmiri dı n'otu, ntinye uzuzu na ikuku, na okpomoku ikuku na-ekpebi ohere nke ime ihe, ya mere onu uzọ nche maka menejıtis. NiMet na-ebu amuma ihe gbasara puru omume nke menejıtis na nkesa ala ya na Naijiriya na-eji mgbanwe ato a.

2.5.1 Nche Menejıtis Jenuwarı 2025

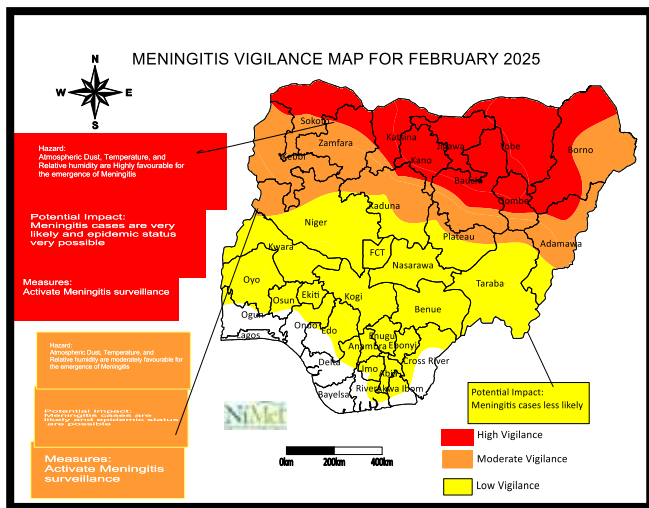


Ngosıputa 26 : Nche Menejıtis Jenuwarı 2025

Onodu ihuigwe a na-atu anya na Jenuwarı 2025 na-egosı atumanya dı elu ma na-agafeghı oke nke rıja menejıtis n'akuku ugwu nke mba ahı. Ya mere, a na-atu alo nche dı elu maka steeti ndı a. Steeti ndı o metutara bu Sokoto, Zamfara, Katsina, Kano, Jigawa, Bauchi, Yobe, na Borno.

E dobere nlezianya maka Kebbi, Adamawa, akụkụ Sokoto, Katsina, Kaduna, Bauchi na Gombe steeti. E dobere nche dị ala n'ọtụtụ akụkụ nke steeti etiti yana akụkụ buru ibu nke ndịda. Ọnọdụ ihuigwe dị na steeti ndị dị n'ụsọ osimiri na Jenụwarị 2025 adighi mma maka imalite ọjia menejaitis. Ya mere, edepụtaghị nche maka steeti ndị dị n'ụsọ mmiri n'oge ahụ. (Lee Ngosipụta 26).

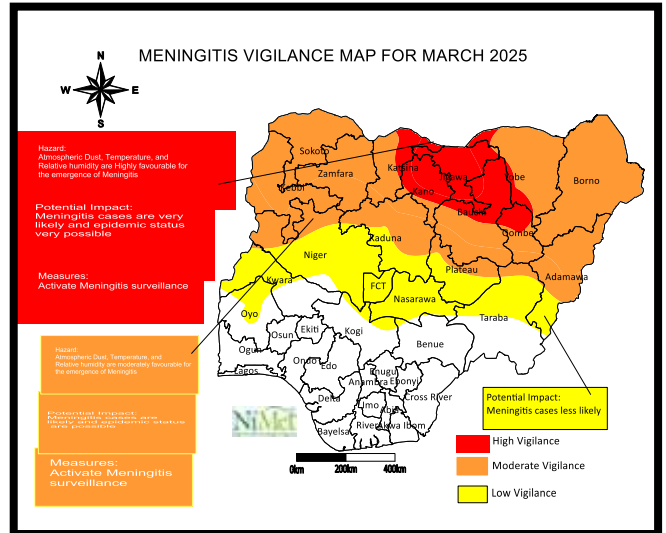
2.5.2 Nche Menejaitis Febwari 2025



Ngosiputa 27 : Nche Menejaitis Febwari 2025

Ọnọdụ ihuigwe a na-atụ anya na Febwari 2025 na-egosi atumanya dị elu ma na-agafeghi oke nke ọjia menejaitis n'akụkụ ugwu nke mba ahụ. Ya mere, a na-atụ alo nche dị elu maka steeti ndị a, Kano, Jigawa, akụkụ ugwu Sokoto na Zamfara, ọtụtụ akụkụ Katsina, Kano, Jigawa, Bauchi, na Borno steeti. E dobere nlezianya maka Kebbi, akụkụ Sokoto, Adamawa, Katsina, Kaduna, Bauchi na Gombe. E dobere nchekwube dị ala na steeti etiti, mana o nweghi nchekwube maka ọtụtụ akụkụ ndịda ma e wezuga mpaghara Oyo, Ekiti, Edo, Enugu, Anambra na Ebonyi steeti ebe e nwere ike nche dij obere (Ngosiputa 27).

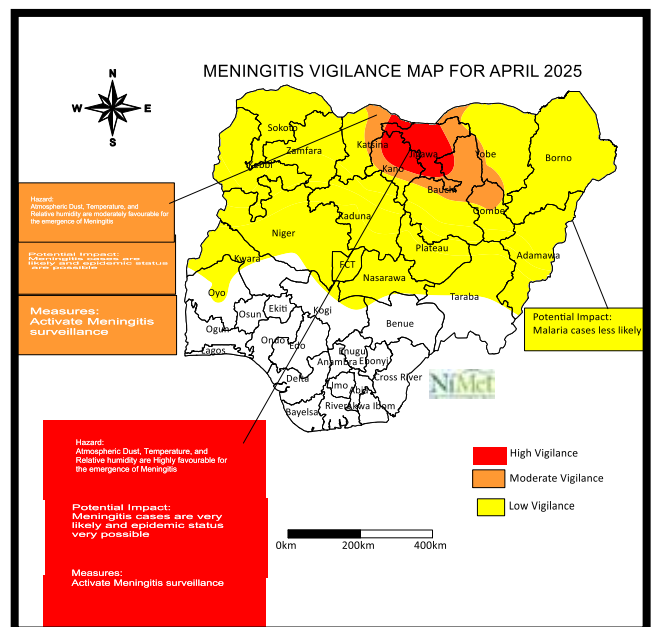
2.5.3 Nche Menejaitis Machi 2025



Ngosiputa 28 : Nche Menejaitis Machi 2025

Ọnọdụ ihuigwe a na-atụ anya na Machi 2025 na-egosi atumanya dij elu ma na-agafeghi oke nke ọjia menejaitis n'akụkụ ugwu nke mba ahụ. N'ihia ya, a na-atụ alo nche nke ukwu na Jigawa, Katsina, Yobe, Borno, Bauchi na Gombe. E dobere nche dij ala n'ọtụtụ mpaghara steeti etiti na akụkụ Oyo steeti, ebe, o nweghi ka e nyere iwu maka nche maka akụkụ ndi ozo nke mba ahụ (Ngosiputa 28).

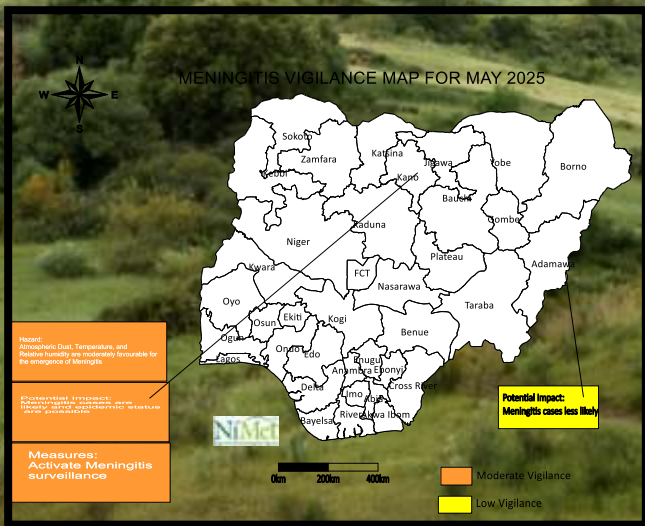
2.5.4 Nche Menejaitis Eprel 2025



Ngosiputa 29 : Nche Menejaitis Eprel 2025

Ọnọdụ ihuigwe a na-atụ anya na Eprel 2025 na-egosi atumanya dị elu ma dị oke ala nke ọrịa menejaitis na Katsina, Kano, Jigawa, Yobe, Bauchi na Gombe steeti. N'ihya, a na-atụ alo nche dị elu ma na-agafeghi oke. A na-ebu amụma na nche dị ala na mpaghara Niger, Kaduna, na Plateau steeti, ebe, o nweghi ka e nyere iwu nchekwube maka steeti etiti na ndịda (Ngosiputa 29).

2.5.5 Nche Menejaitis Mee 2025



Ngosiputa 30 / Nche Menejaitis Mee 2025

Ọnọdụ ihuigwe na-atụ anya na Mee, 2025 na-atụ alo atumanya dị elu ma dị oke ala nke ọrịa menejaitis na Jigawa, akụkụ Katsina, Kano, Bauchi, Gombe na Yobe steeti. N'ihya, a na-atụ alo nche dị elu ma na-agafeghi oke. A na-atụ alo nche dị ala n'akuku ndi fọdururu na mpaghara ugwu, ebe, o nweghi ka e nyere iwu nchekwube maka steeti etiti na ndịda (Njirimara 30).



Isi nke Atọ

Mmetụta Amụma Ihuigwe N'Oge 2025 Maka Ufọdụ Isi Ngalaba Akụnaụba.

Ihuigwe na-emetụta akụkụ ọbụla nke akụnaụba yana akụkụ nke ọrụ mmadụ. Ọnọdụ ndị e buru n'amụma nke ihuigwe na Najirịa maka 2025 ga-emetụta akụkụ di iche iche nke akụnaụba n'uzọ di iche iche na n'ókè di iche iche, na nzaghachi nke ndị ọrụ ga-adịgasị iche site n'otu akụkụ gaa na nke ọzọ.

3.1 Ugbọelu

Ihuigwe na-arụ ọrụ di oke egwu na ugbọelu. Ọ na-emetụta ọkwa ọbụla nke ọrụ ugbọelu, site na nhazi na uzọ ugbọelu ruo na nchekwa na arụmọrụ. Ọnọdụ ihuigwe di egwu nwere ike imetụta arụmọrụ ugbọelu yana nkasi obi na nchekwa nke ndi njem. Ya mere, amụma ihuigwe/ido aka na nti mmalite na-enyere ndi na-anya ugbọelu, ndi na-ahụ maka ugbọelu, ndi na-ahụ maka ugbọelu na ndi ọzọ aka ikwado nke ọma iji gbochie ihe mberede metụtara ugbọelu. N'agbanyeghi na NiMet na-enye amụma ihuigwe mgbe niile yana ngwaahia ihuigwe ndi ọzọ kwekoro na ntuziaka ICAO na NCAA, ọ dikwa mkpa ka i mee ka ndi na-anya ugbọelu mara maka ihuigwe/ ihuigwe ga-adi n'afọ iji mee ka atumatụ zuru oke maka ọrụ ha maka afọ.

Amụma NiMet na-egosị na n'afọ 2025, otutu ikpo oku n'otutu akukụ nke mba ahụ nwere ike idi na-adi mma maobu ditu oku karja ka o di. Okpomoku na-ekpo oku na-ebutekari mbelata ikuku njuputa, ya mere, nku ugbọelu belatara ogbo

ebuli elu mgbe a na-ebupu. Nke a nwere ike na-amanye mmachi ibu na mbupu/odiida wee wedata arumoru ugbọelu yana jibawanye oriri mmanu na onu ahia ọrụ.

Igwe oku na-ekpo oku karja ikuku ikuku nwere ike ikpata Clear Air Turbulence (CAT) nke nwere ike ibute nnukwu ahụ erughi ala na mmeru ahụ n'onodu ufodu. Okpomoku di elu nwere ike ikpata nchekasi taya na-ari elu ngwa ngwa nke nwere ike igbawa ngwa ngwa mgbe o na-emetuta ala n'oge odiida.

Ebe a na-atu anya na o ga-enwe oke mmiri ozuzo n'oge oke mmiri ozuzo na Kebbi, Kaduna, Ebonyi, Cross River, Lagos, Abia, Akwa Ibom steeti, na FCT nwere ohere nke okporoozo ugbọelu mmiri nwere ike iduga na runway. njem nlereanya na ihe ndi nwere ike imebi bu n'oge mmiri ozuzo. Oke mmiri ozuzo nwere ike ibelata nhuhuhuhuhuhuhuhuhuhuhuta, si otu a na-akpaghasi ipupu/odiida na ọrụ tagzi.

Oke egbe eluigwe, ikwa ikuku, na onodu ojoo ndi a na-emekari n'oge mmalite na nkwasị nke oge mmiri ozuzo, nwekwara ike ikpata ihe mberede na ikpata nnukwu mfu ego. Nkagbu ugbọelu, nhazighari oge, na ntughari na-adikari n'ime oge a. Ozokwa, n'oge mmalite na nkwasị nke mmiri ozuzo, igwe ojii cumuli na-ejuputa karja, na-ebute ugbọelu na-agba aghara.



Ngosipụta 31 : Ụgbọelu Njem na Najirịa

Uzuzu ntụ bụ ọndụ ihuigwe nke na-egbochi ahụmahụ ma bụrụ akamgba na ihe ize ndụ nyere mfeli/mfeda ụgbọelu. Ọ na-adịkarị site na Nọvemba ruo Febwari, ma ịkagbu ụgbọelu, nhazigharị oge, na ntugharị na-adịkarị n'oge a.

Tebụl 3: Mpụtara Amụma Ahụ Nyere Njem Ụgbọelu

Mbido Mmalite	Mpụtara
Mbubata nke nnụnụ ndị na-akwaga mba ọzọ (iheomume nnụnụ na-abawanye)	Mmụba na mwakpo nnụnụ
Ike ikuku dij elu (karịsịa n'oge mmalite na nkwasị) wind shaa na squall	Njem nlereanya maọbụ skidding, ma ọ bụrụ na ọdụ ifufe maọbụ ifufe ngafere. Ọ kacha bụrụ ihe ize ndụ maka obere ụgbọelu na helikopta. Nwere ike ibugharị ụgbọelu site n'ebe a dọwara, ma ọ bụrụ na e gbochighị ya wee bute nnukwu ihe mberede
Oke mmiri ozuzo siri ike	
Mmiri karịrị akarị n'uzọ ụgbọelu	Aquaplaning (obere nshikọta / mbelata nke imebi ihe)
Mmụba mmiri ozuzo	Ahụmahụ dij ala nke na-ebute igbu oge/ịkagbu ụgbọelu
Ndabere igwe ojii	Ọhụụ dij ala
Okpomọkụ dij ọkụ karịa	
Ogologo ọsọ ọdịda	Mmụba oriri mmanụ ụgbọala
Mmịkpọ nke mmanụ ụgbọala na nchekwa	Mwufu mmanụ
Oke égbè eluigwe (microburst, downdraft, wdg)	Igbu oge ụgbọelu maọbụ nkagbu, ahụ erughị ala/nhụsianya n'oge ụgbọelu.
Ọganihu nke ebilimmiri na ụgbọelu (African Easterly Wave)	Clear Air Turbulence (CAT), Ima jijiji ụgbọelu
Temal dij n'uzọ ụgbọelu	Na-emetụta ọdịda ụgbọelu dij larịi

Ndumọdu

- A na-agba ndị na-ahụ maka ụgbọelu ume ka ha rube isi n'usoro Standard and Recommended Practices (SARPs) nke ICAO yana ụkpụrụ NCAA maka nchekwa nke ikuku na ọrụ ụgbọelu, ha kwesịkwara ịkwado nkà na ụzụ na ihe ọhụrụ iji kwalite nchekwa.
- A na-adụ ọdụ ka ndị ọkwo ụgbọelu na ndị ọrụ ụgbọmmiri na-aga mgbe niile na mkparịtaụka ihuigwe nke ụgbọelu na ụlọ ọrụ amụma NiMet na mba niile iji hụ na ndị ọrụ ụgbọmmiri niile na-agbaso ụkpụrụ Nigerian Civil Aviation Authority (NCAA) dị ka etinyere na ozi ikuku meteorological.
- E jikọtara mmalite na nkwasị ya na mbata nke nnụnụ na-akwụsị ọrụ ụgbọelu, ya mere a na-adụ ndị ahụ kwesiri ekwesị na-ahụ maka njikwa nnụnụ ka ha rube isi na mmalite NiMet na amụma njedebe nke oge n'ihazi ọrụ nchịkwa nnụnụ ha.
- Ndị niile na-ahụ maka ụgbọelu (ụgbọelu, ọrụ ala, wdg) kwesiri ịge ntị na ndumọdu na ịdọ aka na ntị NiMet oge niile.
- Ndị na-ahụ maka ọdụ ụgbọelu kwesiri ịhụ na e kpochapụrụ mmiri dị n'uzo ụgbọelu ma kwado usoro GRF, mgbe a choro ya.
- Ng'alaba anyị ọhịa nke ndị na-ahụ maka ọdụ ụgbọelu kwesiri ịdị elu ma na-eme ka ọrụ nnụnụ na-elele anya mgbe niile.
- Ụgbọelu na helikopta kwesiri ịna ntị n'ịdọ aka na ntị NiMet na ndumọdu, karịsịa n'oge mmemme mmalite.
- Ndị ọchịchị dị mkpa kwesiri ịdị na-enyocho ma na-edobe usoro mmipụ mmiri n'ọdụ ụgbọelu mgbe niile.

3.2 Ọrụ Ubi

IN'afọ 2025, a na-atụ anya na mmalite nke oge na-eto eto ga-adị mma maọbụ na-egbu oge n'otutu akụkụ nke mba ahụ. Kaosinadi, a na-atụ anya ụbọchị mmalite mbụ na steeti ndịda. A na-atụ anya ụbọchị nkwasị nke nkịtị ruo n'isi gburugburu obodo ahụ. A na-atụkwa amụma oke mmiri ozuzo na-adighi adikari n'otutu akụkụ nke steeti ugwu. Nke a nwere ike ịkpata nchekasi mmiri na steeti ndi ahụ. Ya mere a duru ndi oru ugbo odu ka ha tinye usoro ikpachara anya ndi a n'ime afọ:

3.2.1 Mmeputa Ihe Ubi

- Ndị ọrụ ugbo kwesiri ịkwado n'ubochi ndi e buru n'amuma tupu mmalite mmiri ozuzo oru ugbo. Ndi oru ugbo ekwesighi iku ihe tupu e guzobe mmiri ozuzo.
- Ebe mmalite na-egbu oge, a na-adu ndi oru ugbo odu ka ha jiri udi ihe okuku na-anagide uko mmiri ozuzo na nke na-eto n'oge.
- Ufodu ihe okuku na-eme nke oma mgbe a kuru ya n'oge mmalite na mpaghara ufodu (dika omumaatu, egusi na poteto di na North Central), a na-atu alo na a na-achọ nlezianya na ozi kwesiri ekwesitupu iku.
- N'iburu n'uche mmalite a na-atu anya na mpaghara ndida nke mba ahụ, ndi oru ugbo na goomentit steeti kwesiri imalite kwadebe n'oge, na inweta ntinye aka dika mkpuru osisi, fatilajza, na ogwu nje.
- A turu anya na ndi oru ugbo no n'ebe a na-atu anya okochi n'ihe dika onwa Julai na Ogostu ka ha jiri udi nnagide mmiri ozuzo. Na mgbakwunye, ndi oru ugbo kwesiri inakwere usoro nchekwa mmiri nke ala di ka mulching, iweputa mmiri ozuzo, na nhazi oge igba mmiri/mmiri mmiri iji nyere aka chekwaa mmiri ala.
- Ndị ọrụ ugbo nọ n'akụkụ oke osimiri na ala mmiri kwesiri inakwere uzọ ndụ ọzọ di ka izu ahia obere obere na ihe omume ndi ozọ na-abughị nke ugbo nke nwere ike ikwado ndu ezinulo ma o buru na ihuigwe di oke njo.
- Iji zere ita nri nri, ndi oru ugbo kwesiri ighara itinye fatilajza ozugbo mmiri ozuzo. Ojiji amuma di mkpumkpu sitere na NiMet di ka amuma ubochi ato di ire na nke a.
- Jiri usoro ndo na mulching iji chebe ihe okuku puo na oke okpomoku.
- Nyochaa pests, n'hi na okpomoku na-ekpo oku nwere ike ibawanye ihe omume pesti, karisia Army Worms na-ebutekari mmetuta na-agbawa obi na osisi oka.
- Osisi unwu na mmiri-egbu osisi di iche iche A duru ndi oru ugbo no na ndida odida anyanwu odu n'oge nnukwu oge ka ha kuo udi di iche iche na-anagide uko mmiri ozuzo na n'oge obere oge (nke abuo) ka ha kuo udi ndi na-eto ngwa ngwa.
- Usoro mgbakwunye mmiri na iweta mmiri ozuzo



Ngosiputa 32 : ugbo oka na Najirja

3.2.2 Mmeputa Anụ Ụlọ

Poulzụ Ọkụkọ / Ezi

N'afọ 2025, okpomokụ ehihie n'otutu akukụ nke mba ahụ nwere ike idi na-adikari maobu kari kari na Jenwari, Febwari, Maachi, Eprel na Mee. A na-atu anya na nke a ga-emetuta anu ulo ma wee ike ikpata mfu akunauba. Ya mere a na-akwado ndumodu ndi a.

- a) Ulo anu okuko kwesiri idi mma nke oma na onodu okpomoku di na mkpisi anu okuko na-achikwa.
- b) Ndi oru ugbo kwesiri itule ibelata njuputa ngwaahia n'oge oge nchekasi ma hu na nchekwa ndu di mma.
- c) a)lji kwalite iru oru anu ulo ma belata nchekasi nke okpomoku na-ebili na-akpata, ndi oru ugbo kwesiri inye anumanu ha mmiri onunu di ocha na nke zuru oke (gbasiri ike na multivitamins).
- d) Inabata ulo okuko nwere amamihe nke ihuigwe (ulo anu okuko di elu)
- e) mgbanwe nke microenvironment iji kwalite usoro ikposa oku.
- f) Osi ndo osi (nke eke maobu nke wuru)
- g) Nkuku ikuku emelitere
- h) Nye usoro juru oyi na mgbanwe nke ihe mkpofu mgbe niile (akpucha osi, akwa akwa, wdg)
- i) Iji sawdust di ka ihe ndina maka ezi iji meziwanye mmiko mmiri.
- j) Igbanwe akwa akwa maka anu okuko ugboro

ugboro

- k) Iji gbochie nchekasi maka anu okuko, mgbakwunye na ngwaahia yist na-abawanye mgbari nke nri.
- l) E kwesiri na-edobe ulo anu okuko ocha mgbe niile ma na-edebekwa ala ala nku n'oge mmiri ozuzo iji zere imuba ero, nje bacteria na oria ndi ozo.
- m) Ka iwelie ma kwalite oriri nri ma belata nri nhoro, enwere ike inye nri nudu pelleted.
- n) E kwesiri inye usoro oku zuru oke maka ikpo oku ozo iji nogide na-emeputa ihe kachasi mma n'oge oge oyi nke abali.
- o) Ikwanye mmiri di ocha na nke oyi ad lib
- p) Gbaa mbu hu na ulo nwere ikuku ikuku zuru oke.
- q) Belata njuputa ngwaahia n'oge okpomoku nke afu (Febwari ruo Juun).
- r) Kwusi izulite broilers n'oge okpomoku ebe omume ihuigwe adighi onu.
- s) Iji isi mmalite nri di onu ala kari nke na-adighi asompi
- t) Ichikota anumanu ndi nwere oke nchekasi (adighi ike na ndi na-adighi ike)
- u) Nye nri n'isi ututu na mgbede (nye oku n'abali iji nyere iri nri aka n'oge awa di juu nke ubochi)
- v) N'oge oyi na-atu n'abali, ndi oru ugbo kwesiri inyekwu ebe a na-ekpo oku ma na-ahu maka oku nke ulo anu kwesiri ekwesiri.



Ngosiputa 33 : Ugbo Okuko na Najirja

Mmeputa mmiri ara ehi

Okpomoku di oku karja nke a na-atu anya ya n'otutu akuku nke mba ahụ na 2025, nwere ike imetuta mmeputa mmiri ara ehi n'uzo ndi a:

- N'oge okpomoku di elu, iri nri na-ebelata.
- A na-eji nwaayo nwaayo na mmeputa mmiri ara ehi/idi mma mmiri ara ehi n'oge oke okpomoku. Nke a nwere ike bute mbelata uto yana mbelata arumoru omumu
- Mgbawwe n'okwa ime ahụ na usoro mgbarisi nri n'ihu nchekasi okpomoku.
- Mmuba n'otutu mmiri na-efunahu n'ahu n'ihu oke mmikoro, nke na-amubawanye mkpa mmiri kwa ubochi.
- Okpomoku na-adighi mma na-eme ka usoro ahụ ji aluso orja ogo sie ike nke umu anumanu ma mee ka ha nwee ike ibute orja.

Ndumodu

- Itu ime aka mere kwesiri ka e mee n'oge oyi nke ubochi na oge n'etiti nturu ime ka omumu nwa ehi na-adaba na oruru nke mmalite nke mmiri ozuzo

oge.

- E kwesiri igbaso usoro nchekwa biosecurity dabara adaba.
- E kwesiri inye mmiri pompu di ocha na nke di ocha ugboro ugboro yana onu ogugu ebe i drinkingu mmiri na-abawanye.
- E kwesiri ileba anya nke oma na mmalite nke ihe ndi na-akpata orja, n'ihu na okpomoku di oku nwere ike ikwado mmuba ha.
- E kwesiri ibelata nri anu ulo n'oge okpomoku di elu
- Na-akwalite mmeputa ebe ita ahijia na-azu ahia na udi mkpuru di iche iche na-eto eto na nke na-eguzogide uko okochi.
- A duru ndi oru ugbo odu ka ha na-azuta anumanu ndi dabara nke oma na mpaghara ufodu; udi anumanu ndi na-anagide mmiri ozuzo/na-eguzogide ogwu n'ime udi mmeputa di elu.
- A na-akwado izu ehi ndi nwere ntutu di mkpumkpu, ntutu nke dayameta ka ukwu na agba uwe di oku, ebe o bu na o na-adaba na ihuigwe na-ekpo oku.

- i) Ifesa mmiri n'elu ehi maọbụ mee ka ha na-atughari na mmiri dị ọcha iji nyere aka melite ọmụmụ n'ime ọnwá ọkụ bụ ihe amamihe dị na ya.
- j) Inweta mmiri dijị jụụ dijị ọcha
- k) Ndị ọrụ ugbo kwesiri jikpachara anya na-agba mbọ na-akọ ihe ọkụkụ n'iji ala dijị obere.
- l) N'ihia nkwasị nke oge mmiri ozuzo n'ebe ugwu, ndị ọrụ ugbo kwesiri igbalisi ike ijikọta ihe ndị fọdurụ n'ihia ọkụkụ ma chekwaa ya maka ojiji n'odinihu.
- m) Kwado nhazi ebe ita nri ka ọ bụrụ ahịhịa na silage.
- n) Ijikwa nke ọma na ojiji nke ala ahịhịa
- o) Iku osisi chọgharja
- p) Gọmentị na ulorụ na-ahụ maka mmepe anụ ulo kwesiri igba mbọ ruzigharja ebe nchekwa/uzo ebe ita nri.
- q) A na-akwado mmeputa ala ita ahịhịa n'afọ niile site n'inye ebe a na-agba mmiri n'ubi azumahia.
- r) Ekwesiri ihazi ma chikwaa ihe omume ọmụmụ iji gbochie imụ nwa n'oge ọndụ adighi mma.
- s) Ichikota anumanu ndi nwere oke nchekasi (adighi ike na ndi na-adighi ike)
- t) Na-eri nri na ahịhịa ndu akwukwo ndu maobu ita nri n'oge awa oyi nke ubochi iji merie nchekasi okpomoku
- u) Iri ehi nri nke nwere obere eriri fiber di ala n'oge nchekasi okpomoku nwere ike ibelata ibu oku zuru oke nke anu ahụ nwere.



Ngosiputa 34 : Uzo mmiputa mmiri ara ehi ochie

Okpomọkụ dị ala (Nchegbu Oyi)

- Anụmanụ na-eji ike ka ukwu na-edobe okpomọkụ ahụ.
- Mbelata oriri oriri n'ihu mbelata ọnụego metabolic.
- Enwere ike inwe uto mkpọnwụ, ọkachaị na ụmụ anụmanụ na-eto eto.
- Ọnụ ọgụgụ afọ ime dị ala na ụbara ọnwụ nwa atụrụ/nwatakiri.
- Usoro ahụ ji alụso ọrịa ọgụ na-esiwanye ike, nke a na-ebutekwa anụmanụ maka ọrịa iku ume na ọrịa ahụike ndị ọzọ.

Ndumọdụ

- Nye ebe obibi na ndò zuru oke n'oge ọnọdụ ihuigwe dị oke egwu (amụma ọnwụ okpomọkụ dij elu).
- Gbaa mbọ hụ na ịnweta mmiri dij ọcha mgbe niile.
- Hazie nri iji gboo mkpa ume ka ukwu n'oge nchekasi oyi maobu mbelata nri nri n'oge nchekasi okpomokụ.
- Iji fan, sprinkler, maobu sistemu misting iji belata nchekasi okpomokụ.
- Nye ulo na-ekpo oku, kporo nku na ihe ndina n'oge ihuigwe oyi.
- Hazie oge omumu iji zere oge ihuigwe dij oke egwu.
- Mejuputa atumatu igba ogwu mgbochi oria na deworming dij ire.

3.2.3 Anụ Mmiri

A na-akwado usoro mgbochi ndi a;

- Wepu apiti na ahija site n'odo mmiri ahụ iji mee ka omimi odo mmiri dikwu elu.
- A duru ndi oru ugbo odu ka ha kuo osisi ndo dij ka plantain, banana, wdg, n'akuku odo mmiri ahụ iji nyere aka mee ka onodu okpomokuj dij n'akuku odo mmiri ahụ.
- E kwesiri isacha odo mmiri ugboro ugboro ka ibelata eutrophication.
- Zere iru odo mmiri n'uzo mmiri/ebe ide mmiri na-enwekarị.
- Maka aquaculture konkita na plastik, a ga-enweriri

mgbanwe mmiri na-aga n'ihu na ikuku ikuku kwesiri ekwesị.

- Belata njuputa ngwaahja.
- Inye ndo n'oge oge oku.
- Nlekota mmiri nke oma.
- Maka ndi oru ugbo na-eji odo mmiri uru, e kwesiri inwe ebe nchekwa mmiri na ekwesiri inye mmiri n'oge okochi.
- Achikwa na akwadoro ozuzu.
- Na-enye nri n'isi ututu na mgbede n'oge okpomokuj.
- A na-adu ndi okuzu odu ka ha wedata aka n'inye nri n'oge okpomokuj n'ubochi.



Ngosiputa 35 : Azu Catfish and Umụ Azu

3.3 Njikwa akurungwa mmiri

Ijikwa akurungwa mmiri dị mma dị oke mkpa maka ibelata akamgba mmiri na-eto eto, ọkachasi n'okpuru nchekasi nke mgbanwe ihuigwe, mmụba ọrụ ogugụ mmadụ na mmetọ. Mmiri ozuzo, nnweta ya, ojiji, na nchekwa ya bụ ihe ndị bụ isi nke usoro njikwa akurungwa mmiri dị irè. Nke a na-agụnye imeziwanye ihe ndị a na-achọsi ike maka mmiri, gụnyere mmiri ọhụhụ, idobe ihe ọcha, ọrụ ugbo, mmeputa ume, na nchekwa gburugburu ebe obibi. Ya mere, amụma zuru oke na nlekota nke mmiri ozuzo, okpomokụ, mmiri ozuzo, mmiri dị n'ime ala, na àgwà iyi dị mkpa maka izaghachi na ime mgbanwe maka mgbanwe ihuigwe na mgbanwe.

E nwere ike ichikọta amụma mmiri ozuzo NiMet maka 2025 dị ka ndị a:

- Oke mmiri ozuzo na-amalitekarị na mpaghara Najjirja,
- Ikwusị mmiri ozuzo na-emekarị ruo n'isi
- Nkịtị na-mkpumkpụ ogologo oge na-eto eto n'akụkụ dijiche iche nke mba,
- Oke mmiri ozuzo na-adakarị n'okpuru, na
- Okpomokụ na-ekpo okụ na-adikarị n'ọtụtụ akụkụ nke mba ahụ.

Ọ bụ ezie na a na-atụ anya na oke mmiri ozuzo ga-adị mma n'ọtụtụ akụkụ nke mba ahụ, a pughị iwepụ ihe ize ndụ nke ide mmiri, karịsịa n'ebe ndị na-enweghị mmiri na-adighị mma na àgwà ntinye ala.

Ogologo oge mmiri ozuzo a na-atụ anya na ọ ga-egbu oge na oke mmiri ozuzo nke na-agbadaghị nke ọma nwere ike ikpata ichaji mmiri dijime ala na inweta mmiri dijime ala na 2025. Nke a ga-emetuta mgbe niile inye mmiri ọhụhụ, ọrụ ugbo na ọrụ ụlọorụ ndi ọzọ.

Mbelata nbata mmiri nwere ike ime n'akụkụ mba ahụ ebe e buru amụma na ọ ga-erute oke okpomokụ na oke mmiri ozuzo. Nke a nwere ike imetuta mmeputa ike mmiri ma bute ụkọ okụ eletrik.

Okpomokụ a tūrụ n'amụma na-ekpo okụ karja ka ọ dijime n'etiti ọnwá Jenwarị na Mee 2025 nwere ike jibawanye ụkọ ụkọ mmiri ozuzo site na ikuku sitere na mmiri, ọdọ

mmiri na ala, na-ebelata mkpokọta mmiri na-ebute ụkọ na mpaghara adighi ike.

Mmiri mmiri ozuzo dijime ala e buru amụma maka oge mmiri ozuzo 2025 na-atụ alo na enwere ike jba ụba n'ochicho maka mmiri n'etiti ọrụ ugbo, ụlọorụ na oriri ụlọ. Nchegbu na gburugburu ebe obibi mmiri n'hi mbelata ntinye na ihicha ala mmiri nwere ike jka njọ site na amụma amụma na-ekpo okụ karja ka ọ dijime na 2025.

Iji jikwaa akurungwa mmiri nke ọma na ibelata ihe egwu nwere ike ime n'ime afọ, a na-atụ alo ndumodụ ndi a nye ndi niile metutara ya, ọkachasi ndi njikwa dam, Board Water Board, Rural Water Supply and Sanitation Agency (RUWASSAs), na ụlọorụ ndi ọzọ metutara.

1. Nkwado N'Oge:
 - Sistemụ njikwa mmiri na-arụ ọrụ nke ọma site n'iji amụma ndi e nyere na Amụma Oge Ihuigwe 2025 nke NiMet weputara.
 - Jiri amụma iji hazie ihe omume mweputa mmiri dabara adaba n'ukpuru e buru n'amụma nke oge mmiri ozuzo 2025.
 - Mee usoro inye mmiri maobu ebute ụzọ n'oge oge oke oke na-eji amụma obere oge na oge intra NiMet.
2. Integrated Water Resources Management (IWRM):
 - Mee ka nhazi dijime n'etiti mpaghara mmiri/mmiri na-adabere na ya (ọrụ ugbo, ike oku, ahuike) iji dozie mkpa a na-asompi maka oke mmiri n'hi oke mmiri ozuzo na-adighi mma n'ebe ụfodụ n'afọ.
 - Gbaa mbọ hụ na oke mmiri ziri ezi n'etiti ngalaba dabere na mmiri iji zere esemokwu.
 - Na-ebuli ebe nchekwa mmiri dijime na ọdọ mmiri na-ebute ụzọ iji mmiri dijime mkpa (dika omumaaatụ, mmiri ọhụhụ, nlekota ahuike, mmeputa ike mmiri, wdg).
 - Nyochaa usoro iwe ihe ubi iji gbakwunye akurungwa mmiri dijime n'elu.
 - N'ime oge okpomokụ dijime elu, nke na-eme ka uto nke algae dijime na reservoirs, ogwugwo zuru oke nke mmiri maka iji ụlọ kwesiri jidiwanye mma.

- Gbaa ume iwepụrụ ihe mgbochi na sistemu mmiri na mmiri.
- 3. Mwalite Ogbugba mmiri n'ubi
- Gbasaa ma jikwaa akurungwa igba mmiri na steeti ndị dị n'ebe ugwu iji kwalite nrụputa ọrụ ugbo na mmalite oge mmiri ozuzo gburu oge.
- Kwalite omume iji mmiri na-arụ ọrụ nke ọma, gụnyere ntapu ogbugba mmiri na mulching, iji belata mmetụta nke mfu evaporation na kwalite iji mmiri eme ihe.



Ngosiputa 36 : Osimiri Niger n'Ọnicha, Anambra Steeti. (Isi: News Wire)

3.4 Ngalaba Njem

Njem na-ekere òkè dị mkpa n'akụnaụba mba ọbụla, na-ejikọta ebe dị iche iche, na-eme ka ndị mmadụ, ngwaahịa na ọrụ na-eme njem, na-akwalite ọganihu akụnaụba. Okpomọkụ ihuigwe nke Najirija, nke e ji mara oge mmiri na ọkọchị na-emetụta nke ọma usoro njem nke obodo ahụ.

Ọnọdụ ihuigwe ọbụla na-agbanwe dịka foogu/alulụ, oke mmiri ozuzo, uzuzu ntụ, oke okpomọkụ, na ogologo oge mmiri ozuzo na-ebute akamgba pụrụ iche maka njem.

3.4.1 Njem Okporoụzọ

Okporoụzọ bụ ọkpụkpụ azụ nke usoro ụgbọ njem na Najirija, okporoụzọ dị n'obodo ahụ gbagoro ihe dịka puku narị kilomita abụọ gụnyere okporoụzọ Gọmentị Etiti, Steeti na Lokal Gọmentị. Njem okporoụzọ bụ akụkụ dị oke mkpa nke akụnaụba na akurungwa obodo, na-eme ka mbugharị nke ngwaahịa, ọrụ na ndị mmadụ gafee nnukwu mpaghara ala ya.



Ngosiputa 37 : Okporoụzọ a na-ahụkarị na Najirija.

N'agbanyeghị oge nke oge mmiri ozuzo, nke ka ukwu na oke mmiri ozuzo na okpomọkụ na-ekpo ọkụ karịa ka ọ na-ebu amụma maka ọtụtụ akụkụ nke mba ahụ na 2025, mmiri ozuzo na okpomọkụ a na-atụ anya ka nwere ike imetụta akwụngwa okporoụzọ n'ụzọ dị iche iche.

1. Ide mmiri: Oke mmiri ozuzo nwere ike ikpuchi sistemu mmiri na-ebute mmiri na-ebute oke ide mmiri nke nwere ike imebi okporoụzọ, mebie okporoụzọ, na ịbawanye oge njem.
2. Mmehi okporoụzọ: ogologo oge kwesiri ekwesị ga-apụta oke mmiri ozuzo. Oke mmiri ozuzo na-adigide adigide nwere ike ime ka okporoụzọ daa, ebipụ akwà mmiri, ụbara oghere na ebe isa ahụ.
3. Ihe mberede: okporoụzọ mmiri, nke na-amị amị na mbelata ihụhụ n'oge oke mmiri ozuzo nwere ike ịbawanye ọhụ ọgụgụ mberede.
4. Ihe ize ndụ uzuzu: N'oge Harmattan nke bụ oge uzuzu kporo nkụ (Jenwarị, Febwarị Nọvemba, na Disemba) ọhụ na-adighi mma nwere ike igbochi njem njem.
5. Ụzọ Awara Awara: Ọnọdụ okpomọkụ nke e buru n'amụma na-ekpo ọkụ karịa ka ọ na-adịkarị nwere ike ime ka ohere nke igbagha n'okporoụzọ na mgbagha. Ọ nwere ike ịbawanye ohere nke taya taya maka njem dijị anya.

Ndumọdụ

- i. A na-adụ ọdụ ka a na-edobe ebe mmiri na-asọ asọ na enweghị ihe mkpofu, na-ewepụkwa ájá kwakọbara site n'oge ruo n'oge ka mmiri na-asọpụta n'elu na-asọpụta n'efu. Nke a ga-ebelata oke mmiri na-asọpụta n'okporoụzọ ma belata mmetụta ide mmiri na-enwe n'okporoụzọ.
- ii. A dọrụ ndị na-aga njem n'okporoụzọ ọdụ ka ha chere ka mmiri ozuzo buru ibu tupu ha amalite njem ha, debe oke ọsọ ọsọ dijka ndị isi okporoụzọ tụtụ alo, ma hụ na orịna na-enwu ma na-arụ ọrụ.
- iii. A dọrụkwa ndị na-eme njem n'okporoụzọ ka ha jiri nlezianya na-anya ụgbọala n'oge ihe na-eme uzuzu uzuzu nwere ọnọdụ ihụ ụzọ kwụ ọtọ.
- iv. Ndị ọkwọ ụgbọala kwesiri ihụ na a na-enyocha taya ha nke ọma ma dijikwa mma tupu ha amalite njem dijị anya, ọkachasị n'ime ọnwá ndị e buru n'amụma na okpomọkụ na-ekpo ọkụ karịa ka ọ dijị.

3.4.2 Njem Ụgbọoloko

Ngalaba njem ụgbọoloko na Najirija bụ akụkụ dị mkpa nke akụnaụba obodo na akurungwa njem, nwere ike ibelata mkpochi okporoụzọ, ọny ahịa ngwa ngwa dị ala, na ikwado mmepụta ihe. Netwọk ụgbọoloko nwere ahịrị Nnyocha dij

warara yana ahịrị Nnyocha ọkọlọtọ, ewepụtara nso nso a iji kwalite ọsọ, arụmọrụ na ikike. Kaosinadi, usoro njem ụgbọoloko anaghị egbochi mmepụta nke ihuigwe na ọndụ ihuigwe nke nwere ike imetụta nchekwa ọrụ ya na nnọte aka akurungwa.



Ngosiputa 38 : Ụzọ Ụgbọoloko Mfe Abuja

Mmetụta nke Amụma Ihuigwe na 2025 na Njem Ụgbọoloko

- i. Ebili mmiri na oké ifufe: Ebili mmiri na oké ifufe n'oge mmalite na nkwasị nke oge mmiri ozuzo nwere ike ikwatu osisi na ahịrị ọkụ n'okporoụzọ ụgbọ okporo ịgwè.
- ii. Okpomokụ dij elu nwere ike ime ka okporoụzọ ụgbọ okporo ịgwè gbasaa ma kechie nke nwere ike ime ka ohere nke ịla azụ.
- iii. Mmiri mmiri ozuzo nwere ike ikpata iju mmiri nke okporoụzọ ụgbọoloko, mbuze nke akwa okporoụzọ, na ụgbọ okporo ịgwè na-ebute ihe ize ndụ nke idaba na elu.
- iv. Ịbawanye ọsọ ifufe nwere ike imebi akurungwa n'okporoụzọ ụgbọoloko, dij ka mgbama, sensọ, na ọkụ.

Ndumọdụ

- Ụlọọrụ ụgbọoloko kwesiri ihu na a na-eme nnyocha nke ụzọ ụgbọoloko na mgbe niile iji dozie adighi ike tupu oge mmiri ozuzo.
- Nyochoa okporoụzọ ụgbọoloko mgbe niile maka mkpompkpọ ebe na osisi na-ada n'okporoụzọ ụgbọoloko, okachasi n'oge oke mmiri ozuzo.

- Ekwesiri ime ndokwa maka akurungwa juru oyi na ndo iji kpuchido oku na n'akuku odu ụgbọoloko.

3.4.3 Njem Ụgbọmmiri na Akụnaụba Mmiri

Oke osimiri Najirija, nke gbara steeti asaa n'ebe ndida (Lagos, Ondo, Delta, Bayelsa, Rivers, Akwa Ibom, na Cross River) dij mkpa maka njem mmiri na akunauba mmiri nke mba ahụ. Ngalaba ahụ na-eji akurungwa mmiri na-akwalite ntolite akunauba, meputa ọrụ, ma meziwanye ihe obibi ndu. O gunyere ọrụ dij iche iche gunyere iku azu, njem ụgbọmmiri, mmanu na gaasi, na njem nlereanya n'usọ osimiri. 2025 SCP nwere ike ịba uru dij ukwu na mpaghara mmiri site n'inye ozi bara uru maka ime mkpebi, njikwa akurungwa, na mbelata ihe egwu.

NGALABA OKPURU

A. Azụ

Mwụpụ nke osimiri na Septemba ga-eme ka mmiri di n'ụsọ oké osimiri nwee nri na-edozi ahụ, na-akpali ntolite phytoplankton na-adọta ọnụọgụgụ azụ.



Ngosiputa 39 : Ọkụazụ na Mpaghara Osimiri Najirija

Ndumọdụ:

A na-agba ndị na-akụ azụ ume ka ha jiri mmiri na-edozi ahụ na-eme nri na Septemba wee jiri mmelite sitere na amụma ihuigwe nke NiMet kwa ụbọchị na akwụkwọ akwụkwọ mmiri iji belata mmetụta nke ihe egwu dị ka oke mmiri ozuzo, iri elu oke osimiri, na oke mmiri siri ike n'oge ọrụ iku azụ.

B. Njem Ụgbọmmiri

Mmiri ozuzo nkịtị na nke dị elu nke e buru n'amụma maka 2025 na mpaghara di n'ụsọ osimiri ga-enwe mmetụta na njem ụgbọmmiri, karịsịa n'ime mmiri mmiri. A na-atụ anya ọkwa mmiri ka ọ zuo oke maka inyaghari ụgbọmmiri n'ime Juun - Ọktoba.



Ngosiputa 40 : Ụgbọmmiri n'ọdụ ụgbọmmiri di n'obodo Legos

Ndumọdụ:

- A na-agba ndi ọrụ ụgbọmmiri ume ka ha hazie ụzọ ha ga-esi na-aga ụgbọmmiri n'ime mmiri di n'ime ala n'oge oke mmiri ozuzo mgbe a na-atụ anya na mmiri ga-adị elu.
- Ọdịda mmiri nwere ike idị ike, ọkachasi n'oge mgbanwe kwa ọnwá n'etiti oke mmiri na oke mmiri. Ọgba mmiri ndi a nwere ike ikpata akamgba inyaghari maka obere ụgbọmmiri maobu ndi na-arụ ụgbọmmiri mpaghara na-enweghi ahumahu. N'ihia ya, a na-adu ndi okwo ụgbọmmiri odu ka ha nweta ozi mmiri ozuzo kwa ubochi site na NiMet na uloro ndi ozọ di mkpa iji hu na nchekwa.

C. Njem Nlereanya n'Ọsọ Osimiri

Onodu ihuigwe mara mma di ka anwu na okpomoku ditu ala na-eme ka njem ndi di n'usọ osimiri na-adoro mmasi ndi njem nlereanya. Iheomume di nezi di ka igwu mmiri, igbasa n'anyanwu, ikwo ụgbọmmiri, na egwuregwu mmiri ndi ozọ na-adota otutu ndi obia.

SCP 2025 na-egosị na Jenwarị ruo Mee ka a ga-eji mara onodu okpomoku di mma ma ditu oku nke nwere atumatu ehihie nke 31^o ruo 34^oC, ebe mmiri ozuzo na-amalite na mpaghara di n'usọ oké osimiri na-atu anya imalite site na mbubreyo Febwarị ruo etiti Maachi.



Ngosiputa 41 : Osimiri Nturu ndi di na Mpaghara Osimiri Najirija

Ndumọdụ:

- Okpomọkụ dị nro na mmiri ozuzo nkịtị a na-atụ anya ya n'oge Jenụwarị ruo Maachị na-eme ka oge a buru oge dị mma iji nọrọ n'akụkụ osimiri na ebe nturundụ ndị ọzọ dị n'ụsọ oké osimiri.
- Ndị njem nlereanya kwesịrị iyi ihe mkpuchi anwụ, okpu, na ugoebe anya maka anwụ iji chebe akpụkpọ ahụ ha ma ọ buru na anwụ ga-adịte aka.
- A dọrụ ndị njem nlereanya ka ha n'ụzọ mmiri zuru oke n'ihia na akpịrị ịkpọ nkụ n'oge anwụ na-acha nwere ike ibute nsogbu ahụike

D. Mmanụ na Gaasị

Ụlọọrụ mmanụ na gaasị na-atụnye ụtụ dị ukwu na Gross Domestic Product (GDP) nke Naijiria ma burukwa isi ebe gọmentị na-enweta ego mgbanwe mba ofesi. Ụlọọrụ ahụ na-emepụta ọrụ ma na-akpali ọganihu akụnaụba.

Ihuigwe e buru n'amụma na 2025 nwere ike imetụta nrụnye mmanụ, ọkachasị n'oge mmalite nke oge mmiri ozuzo. Ihe e ji mara oge a bụ égbè eluigwe na-eme ma nwee ike buru akamgba maka nrụpụta mmanụ na mpaghara ala mmiri dij na Naijiria.



Ngosiputa 42 : Mwanye Mmanụ na Gaasị na Mpaghara Osimiri Naijiria

Ndumọdụ:

- Iji hụ na nchekwa, ọtù dij iche iche kwesịrị ilele amụma mmiri NiMet kwa ụbọchị ka ọ na-emelite ya na ọndụ ihuigwe dij n'ụsọ osimiri na oke osimiri kachasị ọhụrụ.
- E kwesịrị itule idị n'ezi ihe n'usoro nke ikpo okwu dij n'ụsọ osimiri na akurungwa dij n'akụkụ mmiri iji guzogide mmemme égbè eluigwe na ifufe dij egwu .

3.5 Ngalaba Ike



Ngosiputa 43 : Ike Mmepụtaghari, Mweputa Ike na Nkesa

3.5.1 Mmeputa Ike Mmiri

Mmiri ozuzo a na-atụ anya na ọ ga-abia n'egbughị oge, nkwasị n'oge, na mmiri ozuzo na-adighi adikari n'ebe ugwu nwere ike imetuta oke mmiri na okwa mmiri dij na dams maka imeputa ike mmiri n'oge oge. Nke a nwere ike ibute mbelata oku eletrik na ukọ oku. N'aka nke ọzọ, na ndida, oke mmiri ozuzo na-ebu amuma kwa afọ nke 2700 ruo 3010 mm n'elu Rivers, Bayelsa, Cross River, na Akwa Ibom steeti nwere ike itinye nrụnye oku. Ebe oke mmiri ozuzo dij otu ahụ na-ebute ide mmiri, ọ nwere ike daa ma mebie okporo osisi eletrik na n'ime mmiri nke nwere ike ime ka oku eletrik dij ogologo oge.

Okpomokụ dij elu kwa onwa nke 38.0 ruo 41.0 °C tury amuma maka oge oku (Maachị ruo Mee) kariya Yobe, Borno, Kano, Sokoto, Adamawa, Niger, Katsina, Kano, Jigawa, Kebbi na Bauchi steeti nwere ike jibawanye aguu maka ike ike juru oy. Sistemu si otu ahụ na-eme ka grid oku dij adi. Okpomokụ dij otu ahụ karisia n'oge okochi nwekwara ike ime ka mgbaze na oku nke eriri oku eletrik, belata arumoru nke uloru oku nke nwere ike ikpata akamgba oru ma si otu a na-emetuta ndi oru nnyefe oku.

3.5.2 Ike Mmeputaghari (Anyanwu na Ikuku)

Okpomokụ dij elu nke e buru n'amuma na mmalite na-egbu oge na North dij mma maka mbara igwe doru anya ma na-adichaghị ekpuchi nke na-eme ka ogologo awa anwu na-acha ma na-abawanye ike nke ike anyanwu.

Enwere ike iji ohere dị otú ahụ mee ihe n'ụzọ zuru ezu iji mejupụta ike ike sitere na isi mmalite ike mmiri.

Ogologo oge ọkọchị dị ogologo na North nwere ike imepụta ọnọdụ dị mma maka ọrụ ike ikuku, karịsịa na steeti ndị dị ka Sokoto, Zamfara, Katsina, Kano, Jigawa, Plateau, na Borno, ebe mmiri na-asọ asọ n'ebe ugwu ọwụwa anyanwụ (NE) na-esi na ọzara Sahara na-azụ ahịa. nwere ike ịkwalite ọsọ ifufe nke enwere ike ijikwa ọkụ na-eji igwe ikuku.

Ndumọdu

Ndị ọchụnta ego, ndị mmadụ n'otu n'otu na Gọmentị kwesiri iji ohere nkwalite anyanwụ na ikuku ike dị n'ugwu Najirija tinye ego n'ime mmepụta ume ọhụrụ nke ga-enwe ike ibelata ịdabere n'isi iyi ọkụ ochie.

3.6 Telecommunication Sector



Ngosipụta 44 : Towa Netwọk Ekwentị Mkpánaka (Isi: Getty Images)

Mgbasaozi na-adabere kpamkpam n'ọnọdụ gburugburu ebe obibi maka iru ọrụ kachasi mma nke akurungwa, nnyefe mgbaàmà, na iguzosi ike n'ezị ihe akurungwa. Iheomume ihuigwe gụnyere oke mmiri ozuzo, oke ifufe, ẹgbè eluigwe, na oke okpomọkụ nwere mmetụta dị ukwuu n'akurungwa na ọrụ mgbasaozi, na-emetụta ma usoro mkparịtaụka ikuku na ikuku nakwa nke eririokụ.

E nwere ike ịbawanye mmetụta nke iheomume ihuigwe ndị a, ọkachasi n'oge mmalite mmalite nke oge mmiri ozuzo, nke a na-ejikarị oke iru mmiri, mgbanwe okpomọkụ, na ọnọdụ ikuku na-akwughị ụgwọ dị ka a tūrụ anya na amụma SCP maka 2025.

Ihe a na-atụ anya na ọ ga-ekpo ọkụ na Jenwarị ruo Mee

nwere ike ibute akamgba dị ka ikpo oke ọkụ, mkpokọ uzuzu, ụkọ ọkụ maka ngalaba mgbasaozi. Site n'itinye ozi ihuigwe n'ọrụ, e nwere ike ịkwalite nnyefe ọrụ.

Mmetụta nke Amụma Ihuigwe maka 2025 na ngalaba mgbasaozi na Najirija

- Oke mmiri ozuzo nwere ike ịkpata mgbagha mgbaama, na-ebelata ogo ọrụ yana ịkpata mgbanwe netwọk.
- Ifufe siri ike nwere ike ịkwatu ụlọ elu, kwatuo igwe netwọk, ma mebie akurungwa dika eririokụ na okporo osisi.
- Ọma jijiji nke ikuku na-ebute nwere ike imebi efere satilaịtị na igwe netwọk, na-emetụta ike mgbama.
- Oké ifufe na-ebutekarị ọnyunyụ ọkụ eletrik, na-akpaghasi akurungwa mgbasaozi nke na-enweghị usoro nkwardo siri ike.
- Àmụmà mmiri nwere ike imebi akurungwa, nke na-ebute ọnyunyụ yana ọdịda ogo mgbaàmà na netwọk ikuku.
- Mmụba voltaji sitere n'àmụmà mmiri nwere ike ibibi ihe ndị na-arụ ọrụ na sistemu mgbasaozi na-enweghị nchekwa ikike kwesiri ekwesị.
- Ifufe siri ike nwere ike imebi ụlọ elu mgbasaozi, na-abawanye ohere nke ndakpo.
- Okpomokụ dị elu nwere ike ịkpata ikpo ọkụ nke akurungwa dika sava, ndị na-anya ụgbommiri, na mgba ọkụ, na-eduga n'iru ọrụ sistemu maọbụ mechie.

Ndumọdu

- Soro ụlọọrụ Nigerian Meteorological Agency rụkọọ ọrụ iji tinye amụma ihuigwe n'ime atụmatụ ọrụ.
- Nlebaanya na mmezi nke akurungwa dijitalu ugbua megide mmebi mmiri na ikuku.
- Jiri ihe na-eguzogide ihuigwe maka ụlọ elu, igwe netwọk, na eririokụ ndị nwere ike iguzogide oke okpomokụ, oke ikuku uzuzu na iheomume mmiri ozuzo.
- Jiri nlebaanya ihuigwe ozugbo iji mezie ọrụ netwọk n'ike.
- Kwalite sistemu njọyi iji jikwaa oke okpomokụ ka ị

na-ebelata njiarụ ike.

- Wụnye ihe na-ejide àmụmà na sistemu mgbakwasi ụkwụ iji kpuchido ọnyà na ọbịbịa
- Mee ka nrụputa ọrụ dị ike n'icheputa netwọkụ iji kwado idjmma ọrụ n'oge ọgbaghara metụtara ihuigwe.
- Nyefee ụlọ elu mkpanaka na ngalaba nkwoqorita satịlaịtị ka ndabere n'oge ọnọdụ ihuigwe ọjọọ.
- Jiri ozi ihuigwe ka ebu ụzọ tufuo y mezie ụzọ mgbama ma kwalite mkpuchi

3.7 Mbelata Ọdachi Ihe Egwu

Ọdachi na-emetuta ụmụ mmadụ n'ụzọ dị ukwu n'otutu ọkwa-n'ụzọ anyị ahụ, mmetuta uche, ọha mmadụ, na n'ụzọ akunauba. Iju mmiri, ụkọ mmiri ozuzo, na ebili mmiri ọkụ bụ ọmumatu nke ọdachi ndị metụtara ihuigwe nke nwere mmetuta dị ukwu n'ọha mmadụ ma mmetuta ha nwere ike idị ukwu, na-emetuta gburugburu ebe obibi, akurungwa, ebe obibi na ahụike.

Amụma maka 2025 na-egosị oke mmiri ozuzo nkịtị na nke na-adighi adikarị n'otutu akụkụ nke mba ahụ. Mpaghara ndị dị ala dị na Niger, Benue, Kogi, Rivers na steeti ndị dị n'usọ mmiri na-enwekarị ike ide mmiri. Ọtutu ọdachi dị ka ọdida nke bọdụ mgbasa ozi, mkpanaka eletrik, iwepu ụlọ, na ihe ndị ọzọ nwere ike ime n'oge mmalite na nkwasị nke oge mmiri ozuzo n'ihì oke ifufe na-ejikọta na oge ahụ. Agaghị ewepu oke ide mmiri n'ihì oke mmiri ozuzo na-atụ anya na mpaghara ụfọdụ dika akụkụ Kaduna, Lagos, Ebonyi, Cross-River, Abia, Akwa-Ibom, na FCT. Na steeti ugwu, ide mmiri nwekwara ike ime mgbe oke mmiri ozuzo dị na Julai, Ọgostu t na Septemba. Ebe dị n'ime obodo mepere emepe nke mba ahụ na-adighi mma mmiri mmiri na-adikwa mfe ide mmiri n'oge mmiri ozuzo.

Ọnọdụ a na-atụ anya na ọ dị mma ma djetu ọkụ nwere ike ime ka ikuku dij ọkụ karichaa n'ebe ugwu na Jenuwari, Febuwari, Nọvemba na Disemba nke nwere ike ikwado ntiwapu ọkụ n'ihì ọnọdụ nkụ na ikuku.



Ngosiputa 45 : Idemmiri na Maiduguri, Borno Steeti, Naijirja Septemba 15, 2024.

Table 4: Implication of the Prediction to Disaster Risk Management

MPỤTARA	Ndụmọdụ	Usoro Mgbasaozi
<p>1. Oke ifufe nke nwere ike ibibi akurungwa dij ka mbibi nke oku na akurungwa mgbasaozi na elu ulo</p>	<ul style="list-style-type: none"> • Iku osisi • Gbochie igba oku n'ezí /oku oha • Inweta ozi ihuigwe na ntuziaka na oso ikuku si NiMet tupu nrigo • Itinye akurungwa n'uzo dabara adaba • Iji ngwaoru ogo di mma na ihe mgbochi odachi • Nlebaanya, ndozi na nkwalite akurungwa di adi dika owammiri, akurungwa mgbasaozi 	<ul style="list-style-type: none"> • Iji ndumodu ido aka na nti mbu mee • Ntughari asusu ndumodu niile ka o buru asusu obodo • Imeghari ndumodu n'ime gunyere di ka asusu ogbi, anya, na braille. • Iji ngwa mgbari IEC • Mmekorita ya na Otù Na-ahụ Maka Ndi Nkwaru, obodo / onye ndu okpukperechi
<p>2. Ide mmiri n'ihio oke mmiri ozuzo/oke ike</p>	<ul style="list-style-type: none"> • Mkpocha gburugburu ebe obibi (uzo mmiri na sistemu mmiri) • Na-akuda ndi mmadu n'okporozo mmiri • Atumatu obodo kwesiri ekwesiri • Mmetuta (Lee Ndumodu Ide Mmiri NEMA) 	<ul style="list-style-type: none"> • Na-agbakwunye atumatu DRR na usoro omumu ulo akwukwo • Mgbasa ozi na eletroniki / mgbasa ozi mmekorita
<p>3. Ulo dara n'ihio oke mmiri ozuzo/oke ifufe</p>	<ul style="list-style-type: none"> • Ndi ochichi kwesiri imanye ndi mmepe ka ha soro ukuru ulo na koodu na mmepe oru • Ekwesiri ikuda mmuo iji ihe ndi na-adighi mma • Zere iwu ulo n'ala ide mmiri • Ewu nke drainages 	<ul style="list-style-type: none"> • Ihazi uloru/ozuzo • Ojiji nke mmetuta • Nkwekorita ndi otu • Mbelata nke SCP
<p>4. Okochi -</p>	<ul style="list-style-type: none"> • Kwado iwere mmiri 	
<p>5. Mbuze</p>	<ul style="list-style-type: none"> • Iku osisi • Iruputa ikuku ikuku • Iru mgbidi na-ejigide na ibanye n'ime ebe ndi na-ebute mbuze 	
<p>6. Nchupu ndi mmadu n'ihio mmebi nke ulo</p>	<ul style="list-style-type: none"> • Ikwado ebe nchekwa/ogige nwa oge • Inye enyemaka mmadu 	

	<ul style="list-style-type: none"> • Nkwado na nghota 	
<p>7. Ọrịa na-efe efe (ogbugbo ogbugbo, ọrịa ikuku, jba na menejaịtis</p>	<ul style="list-style-type: none"> • Usoro nlekota ahụike kwesiri ekwesị di ka ikwakoba ogwu mgbochi yana ngwa nchekwa nkeonwe (ya bu uwe, mkpuchi, wdg) • Sensitization na nkwrịta okwu ize ndu • Mmiri, idi ocha, na Hygiene (WASH) nkwado na akurungwa 	
<p>8. Oku Ogbugba</p>	<ul style="list-style-type: none"> • Nkwusi / chikwaa igba oha oku • Gbanyufo ngwa latrick • Ngwafuru nchekwa oku • Nkuzi mgbochi oku • Na-erube isi na koodu nchekwa oku • Ndi ikike di mkpa kwesiri iwunye nlekota ihe mberede oku 	

- Ndi isi gogomentị etiti, steeti na mpaghara kwesiri ihu na e nwere ego zuru oke ma weputa ya n'oge maka usoro mgbochi.
- E kwesiri ikwado nnyocha na ihe oheru nke nwere ike ikwalite nghota na njikwa odachi ihe egwu, dika ihe egwu mbibi, nnyocha ihe egwu na amuma nlereanya.

3.8 Ahuike

Urukpu na ihuigwe nwere mmetuta di ukwu n'ahuike mmadu. Ndi a nwere ike inwe mmetuta na-aputaghị ihè na ndi mmadu na obodo, gunyere onodu mmekorita mmadu na ibe ya yana oru nke usoro ahuike. Ya mere mgbanwe ihuigwe bu ihe egwu na-abawanye uba nke na-eyi egwu imezi otutu iri afọ gara aga na a h u i k e . ihuigwe na ahuike nke akwukwo a na-akowaputa ka ndi mmeko ngalaba ahuike nwere ike isi jiri ozi na oru ihuigwe na-achoputa, nyochaa, iko, na jikwaa ihe egwu ahuike metutara ihuigwe. Ka onodu ihuigwe na-agbanwe, oke mmiri ozuzo, oke okpomoku, ide mmiri, na uko mmiri ozuzo

na-aghowane oge na ike. Ihe ize ndu ihuigwe na ihuigwe ndi a nwere mmetuta ahuike, gunyere mmuba nke oria na-efe efe na nke na-adighi efe efe, mmalite na mgbasa nke oria na-efe efe, ihe mberede ahuike, na ihe ize ndu nke onwu.

Oge nnonuche nke ngosiputa ENSO, nke bu ihe ndabere maka amuma SCP 2025, bu akara onodu ihuigwe di nso na mba ahụ. Oke mmiri ozuzo siri ike nwere ike ibute ide mmiri obulagodi ebe a na-atu anya ka mmiri ozuzo di nso.

Oke mmiri ozuzo nwere ike imeto mmiri ononu, na-ebuli ohere nke nsogbu ahuike metutara ide mmiri dika jba na oria na-ebute mmiri dika ogbugbo, onyunyu obara, na afọ osisa. A na-eme ka uto nke fungi dikwuo elu na onodu mmiri mmiri, na-eduga na mmuba nke oria iku ume. Enwere ike igbochi inweta ulofu ahuike site na mmebi akurungwa na nchupu nke oke mmiri ozuzo butere.

Iju mmiri nke nwere ike bute oria ogbugbo ogbugbo nwere ike ime n'ebe dika akuku Kaduna, Lagos, Ebonyi, Cross River, Abia, Akwa Ibom, na FCT ebe a na-ebu amuma oke

mmiri ozuzo. A na-ahụkarị nje bacteria na-akpata ọgbụgbọ ọgbụgbọ na nsị nke ndị butere ya n'ihu na ebe a na-anọ asụcha ahịhịa, enwere ike ibufe nsị ngwa ngwa site na mmiri gbapuru agbapu ma tinye n'ime mmiri ndị obodo na-eji eme ihe eji eme ụlọ. Mbelata ihe ize ndụ ahụike ndị a choro idị ọcha zuru oke, mkpọsa ahụike ọha na eze, na njikere ọdachi.

A na-atụ anya na okpomọkụ nke mba niile site na Jenụwari ruo Mee 2025 ga-adị nso na nkịtị maọbụ dịtụ ọkụ. Nke a na-egosị na n'oge a n'afọ, ọnọdụ okpomọkụ metụtara okpomọkụ gụnyere ike ọgwụgwụ, okpomọkụ, na akpiri ikpo nkụ nwere ike ịka njọ ma tinye ndụ ndụ n'ihu ize ndụ. Okpomọkụ dī ogologo na-adịte aka nwere ike imetuta ndi nwere ọnọdụ ahụ ike, nke nwere ike ime ka nsogbu iku ume na ọrja obi na-akawanye njọ yana idị mma ikuku. A na-akwadokwa ọrja na-eefe efe nke ahụhụ na-agbasa dika anwunta site n'oke okpomọkụ. Ọzọkwa, okpomọkụ na-ekpo ọkụ nwere ike imetuta obodo ndi na-adighi ike ma tinye nsogbu na ọrụ nlekota ahụike.

Oge harmattan, nke a na-ahụ na Jenụwari, Febụwari, Nọvemba, na Disemba n'otutu akukụ nke mba ahụ, bụ ikuku kpọrọ nkụ na uzuzu nke nwere ike ibulite ihe ize ndụ nke ọnọdụ iku ume gụnyere ụkwara na ụkwara ume ọkụ yana nsogbu obi. Na mgbakwunye, ọrja menejaitis na-emetuta ya site na iru mmiri dī ala na ọnọdụ uzuzu nke oge ọkọchị.

Ndumodu gbasara ihe egwu ịba

- Gbochie ọtita anwunta, site n'iji ụgbụ anwunta, ọgwụ ụmụ ahụhụ, na ihe mgbochi.
- Na-ekpochapụ gburugburu ebe obibi, na-ekpochapụkwa mmiri na-asọ oyi na mmiri na-adighi na gburugburu ụlọ ugboro ugboro
- Choọ nlekota ahụike ozugbo ma ọ bụrụ na i nwee mmetuta ọrja
- Na-anụ ọgwụ mgbochi ịba n'okpuru nduzi nke ndi ọkachamara ahụike
- Inye ụmụaka ndi bi n'ebe ọrja ịba na-eefe efe ọgwụ mgbochi.
- Ndị nkwardo kwesiri inye ụgbụ anwunta.

Ndumodu maka ihe egwu menejaitis

- Choọ nnyocha kwesiri ekwesị na ọgwụgwọ n'ulogwu ma ọ bụrụ olu isi ike maọbụ oke ahụọkụ mee.
- A na-atụ alo ikwọ aka nke ọma ugboro ugboro. Nke a

na-enyere aka igbochi mgbasara nke nje.

- Muta idị ọcha nke ọma nke gụnyere ighara iso onye ọbụla ọzọ kerita ihe ọhụhụ, nri, stroọ, ngwa erimeri, mmanụ egbugbereonụ, maọbụ brosh eze.
- Zere njuputa igwe mmadu ma hụ na ikuku zuru oke n'ulo
- Jiri akwa nhicha kpuchie ọnụ na imi mgbe i na-akwa ụkwara maọbụ mgbe i na-eze uzere.

Ndumodu gbasara ihe egwu ọgbụgbọ

- Gọmentị kwesiri inye ụlọ mposi n'ebe ndi dī mkpa iji belata inye nsi n'ezi
- Iji nyere aka belata inye mmiri metoro emeto na mgbasara nke ọrja na-eefe efe n'oge ide mmiri, uloro niile dī mkpa kwesiri inye ndi obodo mmiri ọhuhụ.
- E kwesiri ikwado idị ọcha n'etiti ndi obodo.

Ndumodu na nchekasi okpomoku

- Na-anụ mmiri mgbe ọbula
- Apula ezi n'oge kacha ekpo ọkụ n'ubochi ma ọ bụrụ na i nwere ike imeli ya maọbụ gbalia ihazi iheomume gi n'oge maọbụ mgbe ubochi di juu.
- Noro ebe nwere ndo, yiri mkpuchi anwu, ugoogbeanya maka anwu, okpu, maobu jiri ncheanwu mgbe i na-apu
- Mee ka ulo ahụ di juu site n'imechi akwa mgbochi n'oge okpomoku kachasi mma n'ehihie na imepe n'abalị iji mee ka ulo ahụ di juu.
- Jiri fan na igwe njuyoi n'ulo ma ọ bụrụ na ọ di



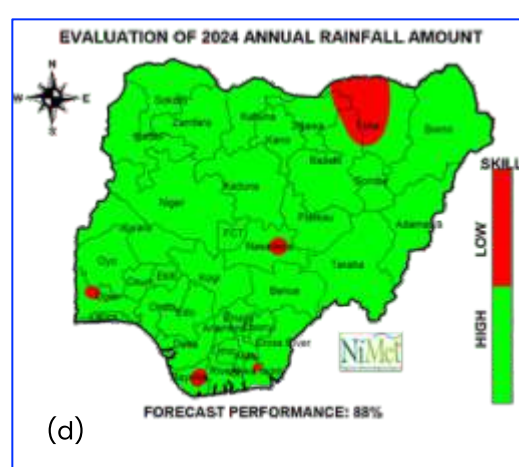
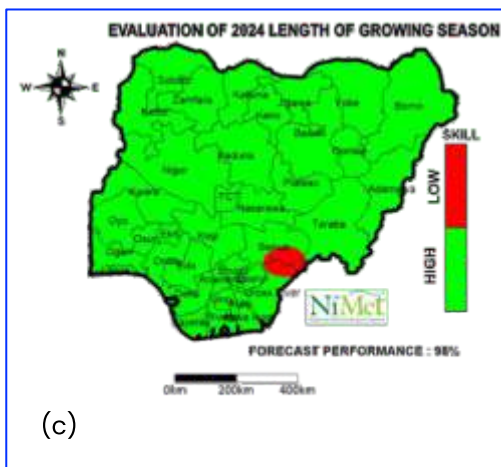
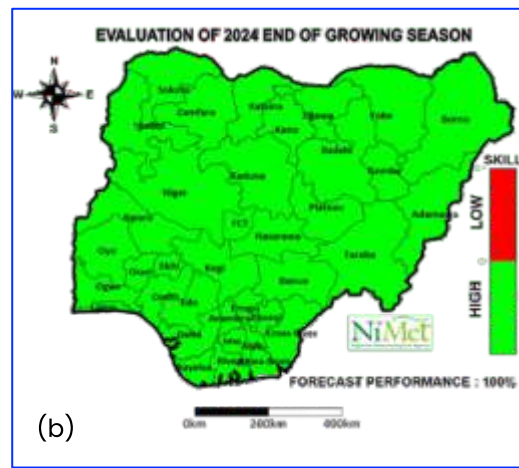
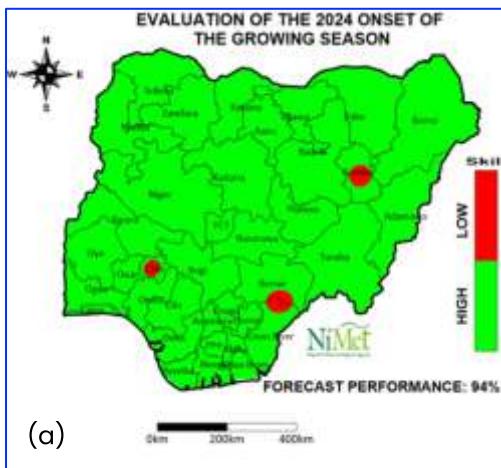
Ngosiputa 46 : Nne na Nna/Ndi Nlekota na-eche ka a gbaa umu ha ogwu mgbochi n'oge Nkuzi orja Measles/Mgbochi maka umaka na-erubeghi afọ 0-5 n'uloogwu Town Hall Gwagwalada FCT-Abuja na Tuzdee 12th Disemba 2023


Isi nke aṅ
Nnyochaa Amụma
Oge Ihuigwe nke 2024

Ntụle nke SCP maka afọ gara aga bụ isi usoro iji atụnyere amụma ndị e wepụtara na mmalite nke afọ na data ndị e nwetara site na ndị na-ahụ maka ihuigwe nke Ụlọrụ gburugburu Naijiria. O bụ nnyocha nke okwa ziri ezi nke amụma. NiMet na-eji nsonaazụ nnyocha ahụ dika ntuziaka maka imeziwanye izi ezi nke amụma maka afọ na-esote.

4.1 Nnyocha Amụma Mmalite, nkwụsị nke oge mmiri ozuzo na oke mmiri ozuzo maka 2024

Achọpụtala arụmọrụ Amụma Oge Ihuigwe nke 2024 maka mmalite nke oge mmiri ozuzo, nkwụsị nke mmiri ozuzo, ogologo oge na oke mmiri ozuzo kwa afọ. E gosipụtara nsonaazụ nnyocha nke amụma mmiri ozuzo na Ngosiputa 47.



Ngosiputa 47 : Nka Mmeputa (maobu nke ziri ezi) nke Mmalite, Nkwusi, Ogologo Oge na Ogo Mmiri Ozuzo Gburugburu Naijiria

Amụma maka mmalite nke oge mmiri ozuzo 2024 gburugburu obodo ahụ dekwere nke 95%. Kaosinadi, okwa ziri ezi di obere n'akuku Gombe, Ekiti, na obodo ndi di n'akuku oke steeti Benue na Cross River. N'uzo di iche, amuma maka njedebe nke oge nwetara nka arumoru (maobu izi ezi) nke 100% na mba niile na Najirja.

Amuma maka ogologo oge nke oge a rukwara nke oma, yana okwa nka (nke ziri ezi) nke 98% n'otutu akuku nke mba ahụ. Agbanyeghi, amuma amuma di ala na mpaghara

oke ala nke steeti Benue na Cross River. N'ime amuma anọ ahụ, amuma nke oke mmiri ozuzo kwa afọ dekwara nka arumoru kacha ala nke 88%. Achoputara nka adighi aru ru na mpaghara odida anyanwu Yobe, mpaghara owuwa anyanwu nke steeti Jigawa na Bauchi, yana mpaghara Nasarawa, Ogun, Bayelsa na Akwa Ibom.

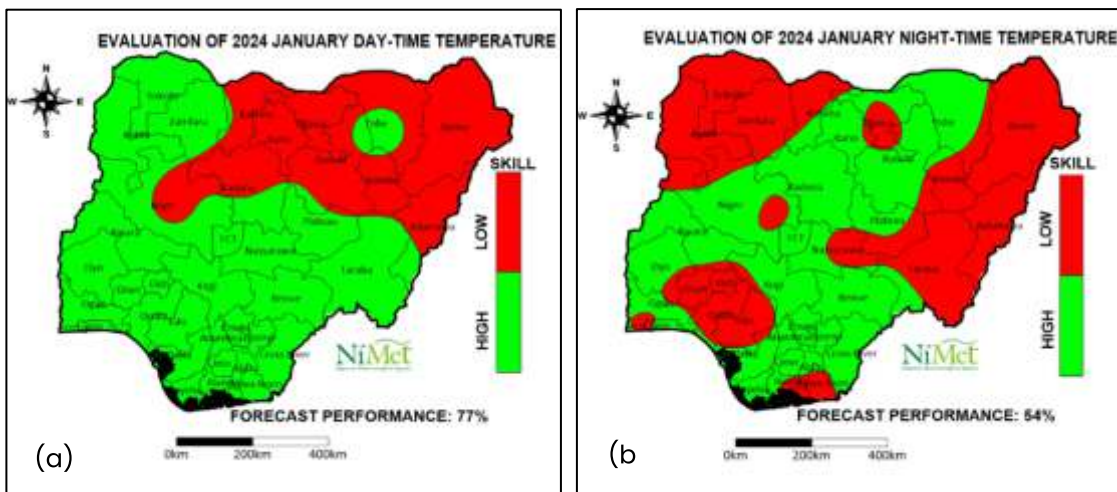
N'ozuzu, a nwetara okwa nka di elu nke ihe dika 95% n'amuma NiMet 2024 maka mmalite, njedebe, ogologo oge na oke mmiri ozuzo kwa afọ.

Tebul 5: Arumoru Amuma Mmiri Ozuzo 2024

NJIARU AMUMA MMIRI OZUZO	ORU (na %)
Onset of Rainy Season	94
Length of Rainy Season	100
End of Rainy Season	98
Annual Rainfall Amount	88
AVERAGE PERFORMANCE	95%

4.2 Nnyocha Amuma Okpomoku 2024

4.2.1 Okpomoku Ehihie na Abali Jenuwari 2024



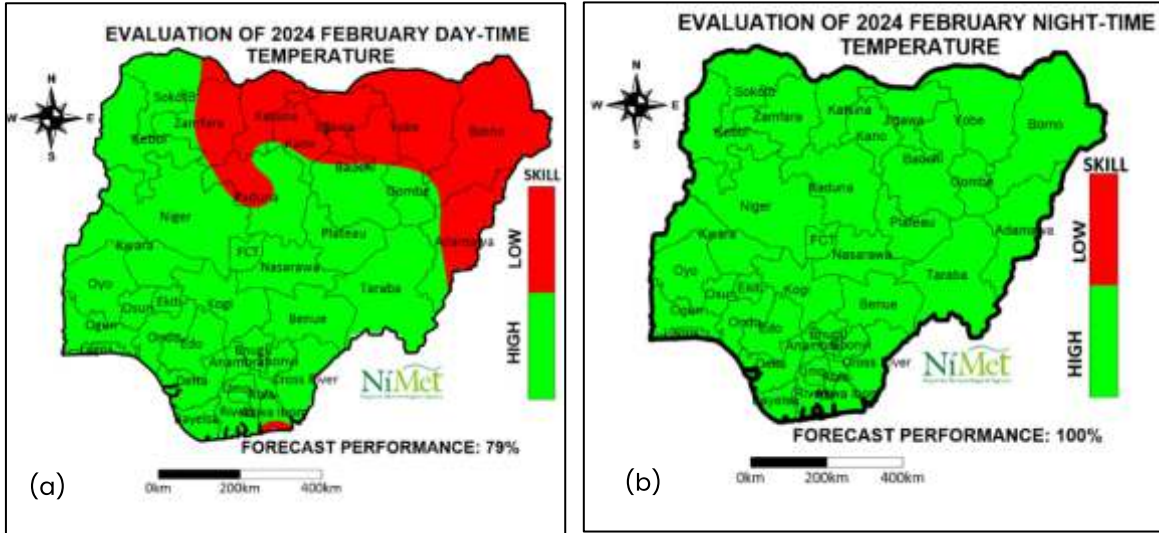
Ngosiputa 48 : Nka Mmeputa (maobu nke ziri ezi) nke Amuma Okpomoku Ehihie na Abali Jenuwari 2024 Gburugburu Najirja

Ngosiputa 48 (a) na-egosi nrumoru amuma okpomoku nke onwa Jenuwari 2024 n'akuku di iche iche nke Najirja. Ntule ahụ gosiri na e dekwere nkà iru ru nke 77%. Okpomoku a huru n'ehihie di elu karja amuma n'otutu

steeti ndida owuwa anyanwu, ewezuga akuku ufodu nke Yobe na steeti Bauchi.

Okpomoku abali nke onwa Jenuwari e buru n'amuma nwere akara arumoru (nke ziri ezi) nke 54%.

4.2.2 Okpomọkụ Ehihie na Abalị Febwari 2024

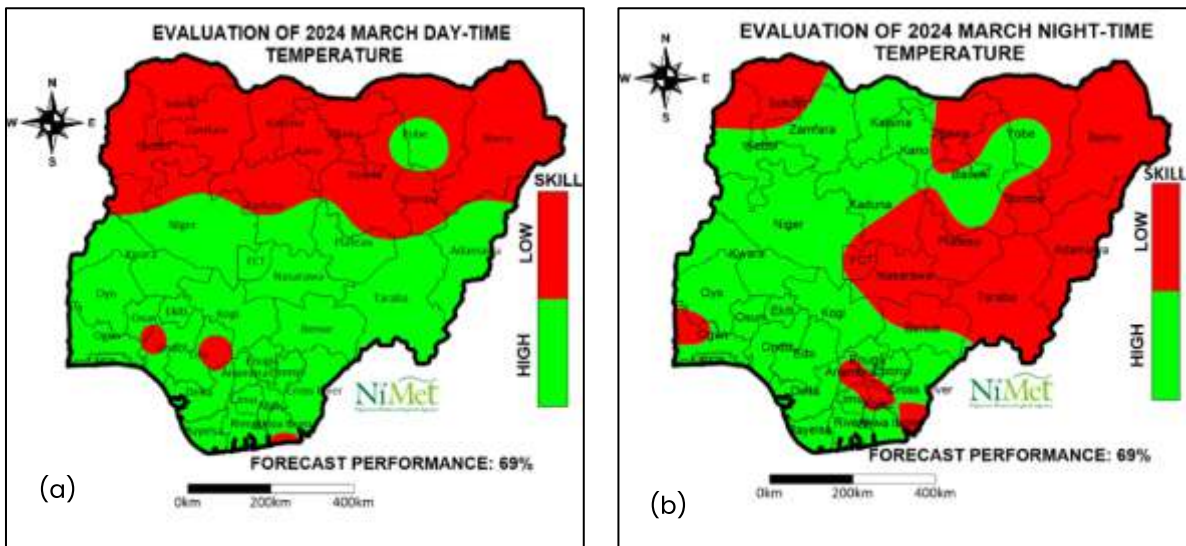


Ngosiputa 49 : Nka Mmeputa (maobu nke ziri ezi) nke Amuma Okpomokụ Ehihie na Abalị Febwari 2024 Gburugburu Najirịa

Okpomokụ ubochi Febwari 2024 e buru n'amuma gbagoro nke oma n'otutu akuku nke mba ahụ yana akara arumoru nke 79%. Akwa Ibom, Zamfara, Kaduna, Kano, Jigawa, Yobe na Borno Steeti di juu karja ka e buru

n'amuma. Okpomokụ abali e buru n'amuma na-egosi izi ezi (nkà jru oru) nke 100%, na-egosi na amuma ahụ putara di ka e buru n'amuma na mba niile.

4.2.3 Okpomokụ Ehihie na Abalị Maachi 2024



Ngosiputa 50 : Nka Mmeputa (maobu nke ziri ezi) nke Amuma Okpomokụ Ehihie na Abalị Maachi 2024 Gburugburu Najirịa

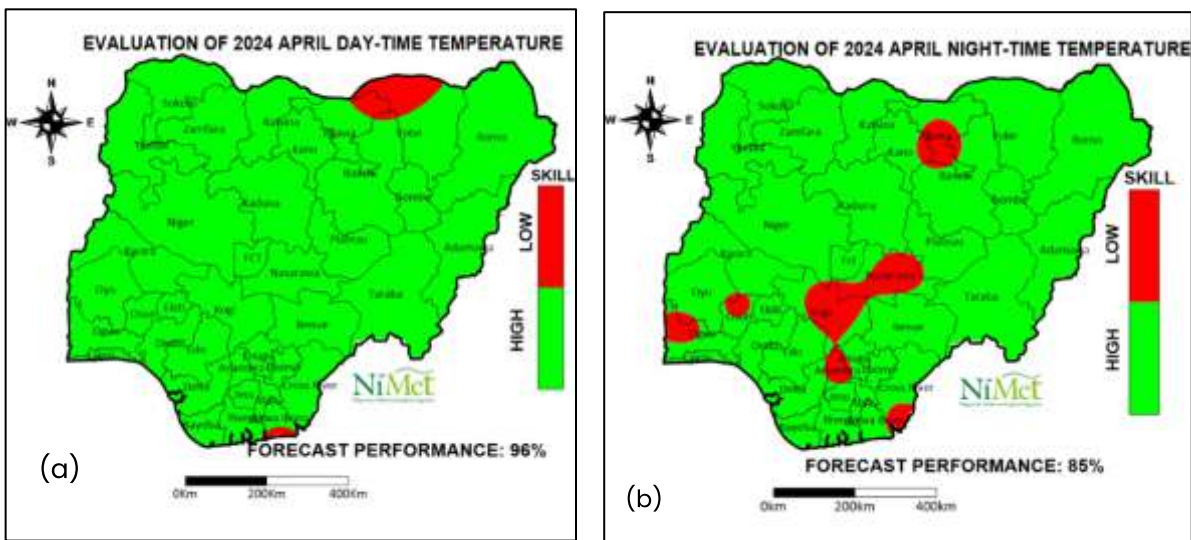
Okpomokụ nke ehihie na Maachi afọ 2024 dara di ka e buru n'amuma n'otutu steeti ndida na etiti, ewezuga n'ebe ole na ole na Edo, Ondo na Eket di na mpaghara ndida nke steeti Akwa Ibom. Amuma ahụ bukwa eziokwu na mpaghara Yobe na Bauchi steeti. Nkà arumoru n'ozuzu

nke amuma okpomokụ ubochi Maachi 2024 bu 69%. Okpomokụ ubochi Maachi 2024 a huru na-adi, n'uzo di iche n'ihe e buru n'amuma n'otutu steeti ndi di na mgbago ugwu Najirija dika e gosiri na Ngosiputa 50 (a). The low skills observed in most of the northern and

southern states were as a result of unusual warming experienced in the year. The observed daytime temperatures were higher than the predicted and long-term average values by 1.1 to 3.2°C. The predicted March 2024 nighttime temperatures show significant level of accuracy, with a score of 69%. The observed nighttime temperatures were, to a large extent,

in agreement with the prediction. In most parts of the northeast, the observed nighttime temperatures were lower than predicted. Abuja and its environs were predicted to have cooler than normal nighttime temperatures but were eventually observed to be warmer than normal.

4.2.4 Okpomokwu Ehihie na Abali Eprel 2024

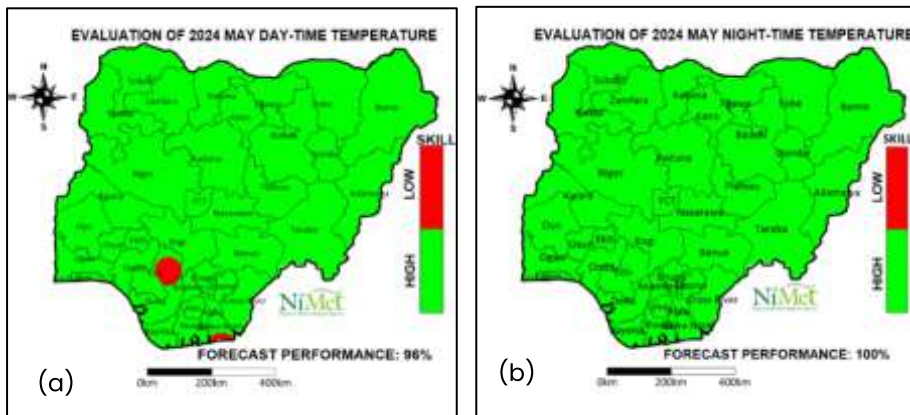


Ngosiputa 51 : Nka Mmeputa (maobu nke ziri ezi) nke Amuma Okpomokwu Ehihie na Abali Eprel 2024 Gburugburu Najirija

Ntule amuma okpomokwu nke ubochi (kachasi) maka Eprel 2024 na-egosij na arumoru nlereanya amuma nke bu 96%. Kaosinadi, na steeti Yobe onodu okpomokwu ehihie a huru di elu karja ka e buru n'amuma, ebe Akwa Ibom steeti dekoru obere okpomokwu ehihie karja ka e buru n'amuma. (Ngosiputa nke 51 (a)).

Ntule amuma okpomokwu nke abali (opekata mpe) maka Eprel 2024 na-egosij na arumoru nlereanya amuma bu 85%. Agbanyeghi, Ogun, Anambra, Cross River, Jigawa, Nasarawa, Kogi na Osun Steeti ka edekochaghi amuma nihi na o di ala (oyi oyi) karja okpomokwu abali e buru n'amuma ga-enwe n'ebe ndi ahu. (Ngosiputa nke 51 (b)).

4.2.5 Okpomokwu Ehihie na Abali Mee 2024



Ngosiputa 52 : Nka Mmeputa (maobu nke ziri ezi) nke Amuma Okpomokwu Ehihie na Abali Mee 2024 Gburugburu Najirija

E dekwere arụmọrụ nlereanya amụma nke 96% maka okpomọkụ ụbọchị Mee 2024. Ihe nlereanya ahụ dekwere nka dị ala karịa steeti Delta na Akwa Ibom dị ka ebe ndị ahụ nwere obere okpomọkụ karịa okpomọkụ ehihie e buru n'amụma na Mee 2024.

Ntule nke amụma okpomọkụ abalị nke Mee 2024 gosipụtara arụmọrụ nke 100% (Lee Ngosiputa 52(b)). Nke a na-egosị na okpomọkụ abalị a hụrụ gburugburu mba ahụ na Mee 2024 bụ kpomkwem ka e buru n'amụma

Tebụl 6: Nchikọta Nke Arụmọrụ Amụma na 2024

ARỤMỌRỤ AMỤMA OKPOMỌKỤ NKE 2024			
S/N	Ọnwa	Arụmọrụ Amụma Okpomọkụ Ehihie (%)	Arụmọrụ Amụma Okpomọkụ Abalị (%)
1	Jenwarị	77	54
2	Febwarị	79	100
3	Maachi	69	69
4	Eprel	96	85
5	Mee	96	100





Isi nke ise
Amụma Okpomọkụ
Ehie na Abalị

Isi nke a na-akowapụta amụma okpomọkụ ehie na abalị sitere na Jenụwarị ruo Mee 2025 maka ebe a họtara na steeti 36 nke mba ahụ na FCT.

Tebụl 7: Okpomọkụ ụbọchị 2025 buru amụma

Steeti	Ebe	Jenụwarị	Febụwarị	Maachị	Eprel	Mee
Abia	Arochukwu	32.2	33.0	32.7	32.3	32.0
	Ukwa West	32.9	33.5	32.8	32.3	32.2
	Umuahia	33.6	35.2	34.3	33.6	32.3
	Umunneochi	32.4	33.4	33.1	32.6	32.1
Adamawa	Ganye	32.6	35.1	38.0	36.0	34.0
	Madagali	32.3	35.8	38.3	39.5	38.1
	Numan	33.8	37.0	38.1	36.8	34.0
	Yola	33.9	37.6	39.8	40.1	37.5
Akwa-Ibom	Eket	31.0	32.4	31.8	31.6	30.7
	Oni	29.6	31.0	30.7	30.5	29.6
	Oron	29.0	29.4	29.1	28.8	28.2
	Oruk	30.5	31.5	31.0	30.6	29.8
	Uyo	33.2	34.8	33.9	33.1	32.1
Anambra	Anambara West	30.4	31.9	31.5	31.0	29.9
	Awka	34.3	35.8	35.3	34.6	32.9
	Idemi South	29.7	31.2	30.8	30.6	29.6
	Ogbaru	29.7	31.2	30.8	30.6	29.6
Bauchi	Bauchi	30.3	33.8	36.9	38.5	36.7
	Bogoro	31.1	33.8	35.0	34.7	32.4
	Darazo	31.7	35.4	37.8	39.1	37.8
	Zaki	31.2	35.1	38.0	40.5	40.2
Bayelsa	Brass	29.7	30.7	30.2	29.4	28.7
	Ekeremor	29.6	30.5	30.2	29.8	29.0
	Southern Ijaw	29.7	30.7	30.2	29.4	28.7
	Yenegoa	33.2	34.4	34.1	33.7	32.7
Benue	Katsina Ala	30.9	33.5	33.7	32.9	31.2
	Makurdi	34.8	37.5	37.5	36.2	33.7
	Oturkpo	31.7	34.1	34.4	33.6	31.6
	Vandeikya	30.4	32.5	32.3	31.8	30.4
Borno	Abadam	30.7	34.6	38.0	41.5	42.2
	Dikwa	33.7	37.1	40.0	42.1	41.6
	Maiduguri	30.9	34.8	38.2	41.2	40.9

	Nganzai	32.0	35.7	38.8	41.5	41.3
Cross-river	Abi	29.9	31.5	31.2	30.9	29.8
	Calabar	32.6	34.1	32.7	32.2	31.3
	Ikom	33.3	35.6	35.1	34.0	32.9
	Obudu	30.4	31.9	31.6	31.0	29.8
	Ogoja	35.0	37.0	36.6	35.4	33.3
Delta	Asaba	34.5	36.2	35.7	35.1	33.4
	Ndoka East	31.0	32.5	32.0	31.7	30.7
	Patani	30.0	31.1	30.7	30.1	29.4
	Warri	29.3	30.4	30.1	29.6	28.7
	Warri North	33.2	34.4	34.1	33.7	32.7
Ebonyi	Abakaliki	30.4	32.2	31.9	31.3	30.1
	Afikposi South	29.9	31.5	31.1	30.8	29.8
	Ishielu	30.4	32.2	31.9	31.3	30.1
Edo	Akoko Edo	32.2	34.1	33.9	33.1	31.0
	Benin	33.6	35.2	34.5	34.2	33.0
	Esan East	30.4	31.8	31.2	30.6	29.6
	Ovia Southwest	29.7	31.1	30.5	29.9	28.8
Ekiti	Ado Ekiti	33.2	34.9	34.2	33.4	31.7
	Ide Orun	31.4	33.0	32.5	31.5	29.6
	Ijero	32.1	34.0	33.5	32.2	30.2
	Ikole	33.0	35.0	34.8	34.0	31.5
Enugu	Aninri	29.9	31.5	31.1	30.8	29.8
	Enugu	33.7	35.8	35.3	34.5	32.6
	Igboeze North	30.4	32.3	31.9	31.3	29.9
	Uzo Uwani	30.4	31.9	31.5	31.0	29.9
FCT	Abaji	33.0	34.5	34.7	33.8	31.5
	Abuja	34.8	37.0	37.0	36.3	33.6
	Bwari	32.7	34.6	35.1	33.7	31.0
	Kuje	32.9	34.8	35.1	34.1	31.5
Gombe	Balanga	34.7	37.8	39.1	37.8	34.8
	Dukku	31.7	35.4	37.8	39.1	37.8
	Gombe	30.5	34.4	37.1	38.6	36.5
	Shomgom	32.9	36.4	37.6	36.3	33.3
Imo	Ideato North	29.7	31.2	30.8	30.6	29.6
	Ngorokpala	29.9	31.3	31.0	30.7	29.8
	Obowo	29.6	31.0	30.7	30.5	29.6
	Owerri	33.7	35.2	34.5	33.9	32.4
Jigawa	Dutse	31.0	32.4	31.8	31.6	30.7
	Gwaram	29.7	33.8	36.6	39.0	38.8
	Gwiwa	31.5	35.1	37.5	39.0	38.0

	Suletankarkar	30.5	34.5	37.5	40.2	40.0
Kaduna	Birnin Gwari	30.0	33.8	35.5	35.6	33.0
	Kachia	32.7	35.4	36.2	35.0	31.9
	Kaduna	30.6	34.4	35.6	36.2	33.8
	Lere	31.2	34.1	35.6	35.8	33.9
	Zaria	29.2	33.1	35.5	37.0	34.8
Kano	Dambatta	30.1	34.2	37.1	39.8	39.8
	Gwarzo	29.6	33.7	36.3	38.2	37.6
	Kano	28.6	33.4	36.4	39.4	38.8
	Sumaila	30.0	33.9	36.4	38.1	37.2
Katsina	Danmusa	29.5	33.5	35.9	37.6	36.5
	Katsina	29.1	33.0	36.2	39.3	38.9
	Sabuwa	29.8	33.7	35.7	36.5	34.4
	Zango	29.7	33.9	36.9	39.9	40.1
Kebbi	Arewa	33.1	36.9	39.2	40.7	39.1
	Dokonwasagu	32.4	36.0	37.7	37.8	35.1
	Suru	33.5	37.0	38.9	39.3	37.0
	Yelwa	34.9	37.9	39.4	39.2	36.4
Kogi	Ibaji	31.4	32.9	32.5	31.8	30.4
	Lokoja	34.8	37.3	37.6	36.5	34.1
	Yagba West	33.0	35.0	34.8	34.0	31.5
Kwara	Baruten	34.1	36.2	35.7	34.2	32.0
	Ekiti	32.1	34.0	33.5	32.2	30.2
	Ilorin	33.8	35.9	35.9	34.8	32.7
	Pategi	34.0	36.2	36.3	35.9	33.4
Lagos	Badagry	29.8	30.7	30.3	29.8	29.1
	Ikeja	33.0	34.1	33.9	33.5	32.2
	Ikorodu	29.4	30.4	30.1	29.6	28.9
	Lagos Island	31.0	31.5	31.7	31.4	30.6
Nasarawa	Akwanga	34.1	36.2	36.6	34.9	31.6
	Awe	31.6	34.5	34.9	33.7	31.8
	Doma	32.4	34.8	35.4	34.5	32.2
	Lafia	35.1	37.8	37.9	36.5	33.7
Niger	Bida	34.9	37.8	38.3	37.8	35.0
	Borgu	32.1	35.4	37.0	37.1	35.1
	Lapai	33.0	34.5	34.7	33.8	31.5
	Magama	32.5	35.8	37.2	36.7	34.2
	Mashigi	34.0	36.5	37.0	36.5	34.1
	Minna	34.7	37.5	38.1	37.6	34.5
	Rijaw	26.5	26.5	27.2	28.4	29.3
Ogun	Abeokuta	35.1	36.9	35.9	35.0	33.3

	Ijebu Ode	33.5	35.1	34.4	33.7	32.3
	Imeko Afon	31.4	33.0	32.5	31.3	30.2
	Ipokia	30.8	31.6	31.0	30.1	29.3
	Ogun Waterside	29.2	30.4	30.1	29.5	28.7
Ondo	Akoko Northwest	31.4	33.0	32.5	31.5	29.6
	Akure	33.3	34.9	34.1	33.4	31.7
	Ilaje Eseodo	29.3	30.4	30.1	29.6	28.7
	Ondo	33.5	35.0	34.5	33.0	31.5
	Ose	30.9	32.1	31.3	30.4	29.3
Osun	Atakumosa East	30.7	32.3	31.8	30.6	29.0
	Ifedayo	32.1	34.0	33.5	32.2	30.2
	Ife North	30.3	31.9	31.3	30.2	29.1
	Oshogbo	34.0	35.7	35.1	33.8	32.1
Oyo	Ibadan	33.7	35.7	35.2	34.1	32.4
	Iseyin	34.2	35.6	35.0	33.6	31.8
	Iwajowa	32.0	33.8	33.5	32.0	30.6
	Oluyole	30.5	31.7	31.1	30.3	29.4
	Shaki	33.8	35.8	35.4	33.6	31.7
Plateau	Bokkos	33.8	35.9	36.2	34.4	31.1
	Jos	27.7	30.2	31.5	31.3	28.8
	Langtang South	33.6	36.6	37.1	35.0	32.4
	Wase	34.9	37.5	38.1	36.1	33.0
Rivers	Akukutor	29.8	30.7	30.1	29.4	28.6
	Ogba Egbe	29.9	31.3	31.0	30.7	29.8
	Opobo Nkoro	29.6	30.2	29.7	29.1	28.4
	Port Harcourt	33.3	34.5	33.5	33.1	32.1
Sokoto	Gudu North	31.8	35.9	38.5	41.0	40.4
	Illela	31.5	35.6	38.4	40.9	40.2
	Isa	31.5	35.4	38.0	40.1	39.1
	Kebbe	33.0	36.7	38.7	39.3	37.0
	Sokoto	32.4	36.0	38.7	41.0	40.0
Taraba	Bali	34.1	37.1	37.5	35.4	31.7
	Jalingo	34.7	37.7	38.6	37.7	34.6
	Sardauna	29.6	31.9	32.2	30.7	28.2
Yobe	Gulani	32.9	36.2	38.5	39.4	37.3
	Nguru	29.8	33.7	37.0	40.8	41.1
	Potiskum	30.3	34.3	37.0	39.6	39.2
	Tarmuwa	30.8	34.7	37.8	40.7	40.7
	Yunusari	30.3	34.2	37.5	40.8	41.3
Zamfara	Gummi	33.0	36.7	38.7	39.3	37.0
	Gusau	30.9	34.9	37.8	39.4	37.5

	Maru	31.4	35.2	37.0	37.3	34.9
	Shinkafi	31.5	35.4	38.0	40.1	39.1

Tebụl 8: Amụma Okpomọkụ Abalị 2025

Steeti	Ebe	Jenwari	Febwari	Maachi	Eprel	Mee
Abia	Arochukwu	19.3	22.2	23.4	24.0	23.7
	Ukwa West	20.1	22.9	23.9	24.2	23.9
	Umuahia	21.9	24.1	24.4	24.2	23.7
	Umunneochi	18.6	21.8	23.3	24.0	23.7
Adamawa	Ganye	14.4	17.6	20.3	21.8	21.6
	Madagali	13.6	17.3	21.4	24.2	25.3
	Numan	15.9	19.8	23.5	25.4	25.2
	Yola	17.6	20.9	25.0	27.3	26.4
Akwa-Ibom	Eket	22.6	24.0	24.3	24.1	23.5
	Oni	19.3	22.2	23.4	24.0	23.7
	Oron	25.2	26.8	27.2	27.3	26.9
	Oruk	20.1	22.9	23.9	24.2	23.9
	Uyo	21.8	23.9	24.2	24.2	23.7
Anambra	Anambara West	18.5	22.0	23.4	24.1	23.9
	Awka	21.2	24.5	25.0	24.7	24.0
	Idemi South	19.0	22.2	23.5	24.1	23.9
	Ogbaru	19.0	22.2	23.5	24.1	23.9
Bauchi	Bauchi	13.9	16.8	21.4	24.0	24.6
	Bogoro	14.7	18.0	20.6	21.7	21.7
	Darazo	13.5	17.2	21.5	24.3	25.2
	Zaki	13.1	16.6	20.8	23.8	25.5
Bayelsa	Brass	22.2	24.6	25.1	25.3	24.9
	Ekeremor	21.9	24.7	25.3	25.5	25.1
	Southern Ijaw	22.2	24.6	25.1	25.3	24.9
	Yenegoa	20.9	23.7	24.4	24.6	24.3
Benue	Katsina Ala	17.2	20.8	23.0	24.2	23.9
	Makurdi	18.5	22.7	25.4	25.7	24.5
	Oturkpo	17.3	21.2	23.3	24.4	24.0
	Vandeikya	17.4	20.8	22.9	24.0	23.8
Borno	Abadam	13.1	16.7	21.2	25.1	27.5
	Dikwa	14.8	18.4	22.5	25.7	27.4
	Maiduguri	12.5	16.0	20.6	24.7	26.8
	Nganzai	13.9	17.6	21.9	25.3	27.1
Cross-river	Abi	18.8	21.9	23.5	24.3	24.0
	Calabar	22.6	24.3	24.1	24.0	23.7
	Ikom	20.2	22.7	23.8	24.0	23.2
	Obudu	18.4	21.3	23.0	23.9	23.7
	Ogoja	20.4	22.5	23.8	24.0	23.4
Delta	Asaba	21.5	24.3	24.8	24.7	24.0
	Ndoka East	19.9	23.0	24.0	24.4	24.1
	Patani	20.9	23.7	24.4	24.6	24.3
	Warri	23.2	24.9	25.2	25.0	24.2
	Warri North	21.9	24.8	25.6	25.8	25.4

Ebonyi	Abakaliki	18.0	21.3	23.1	24.1	23.9
	Afikposi South	18.6	21.8	23.3	24.0	23.7
Edo	Ishielu	18.0	21.3	23.1	24.1	23.9
	Akoko Edo	18.3	21.6	23.2	23.8	23.3
	Benin	22.7	24.9	24.8	24.7	24.3
	Esan East	18.6	21.9	23.2	23.7	23.5
	Ovia Southwest	19.8	23.1	24.1	24.5	24.1
Ekiti	Ado Ekiti	19.0	22.3	23.1	23.2	22.6
	Ide Orun	18.1	21.2	22.5	23.1	22.7
	Ijero	17.6	21.1	22.6	23.0	22.6
	Ikole	18.0	21.4	23.0	23.7	23.1
Enugu	Aninri	18.6	21.8	23.3	24.0	23.7
	Enugu	21.0	23.9	25.1	25.0	23.9
	Igboeze North	17.5	20.9	22.6	23.7	23.4
	Uzo Uwani	18.5	22.0	23.4	24.1	23.9
FCT	Abaji	16.8	20.2	22.6	24.2	23.9
	Abuja	17.9	21.4	23.4	24.5	23.7
	Bwari	16.5	19.7	22.1	23.3	23.0
	Kuje	17.5	20.9	23.2	24.4	23.9
Gombe	Balanga	16.1	20.0	23.5	24.8	24.6
	Dukku	13.5	17.2	21.5	24.3	25.2
	Gombe	15.2	18.4	22.3	24.7	24.4
	Shomgom	15.2	19.2	22.9	24.6	24.4
Imo	Ideato North	19.0	22.2	23.5	24.1	23.9
	Ngorokpala	19.7	22.6	23.7	24.2	23.9
	Obowo	19.3	22.2	23.4	24.0	23.7
	Owerri	21.7	23.8	24.3	24.2	23.6
Jigawa	Dutse	13.0	16.5	20.8	24.3	25.8
	Gwaram	13.3	16.9	21.1	24.1	25.1
	Gwiwa	12.3	15.6	19.7	22.7	24.5
	Suletankarkar	12.7	16.1	20.5	23.8	25.8
Kaduna	Birnin Gwari	13.2	16.6	20.0	22.0	22.6
	Kachia	14.9	18.3	20.8	21.7	21.8
	Kaduna	13.2	16.6	20.9	24.4	25.7
	Lere	13.1	16.4	19.6	21.3	21.7
	Zaria	14.1	17.3	21.2	23.3	23.0
Kano	Dambatta	12.3	15.6	20.0	23.2	25.3
	Gwarzo	11.9	15.2	19.4	22.3	24.0
	Kano	13.2	16.6	20.9	24.4	25.7
	Sumaila	11.9	15.3	19.5	22.5	24.1
Katsina	Danmusa	12.4	15.7	19.7	22.2	23.5

	Katsina	13.3	16.4	20.6	24.6	26.0
	Sabuwa	13.1	16.5	20.1	22.2	22.9
	Zango	12.6	16.1	20.4	23.9	26.0
Kebbi	Arewa	15.7	18.9	22.7	26.3	27.1
	Dokonwasagu	14.6	18.1	21.8	24.0	24.2
	Suru	15.5	19.0	22.9	26.0	26.2
	Yelwa	16.0	19.6	24.1	26.7	25.9
Kogi	Ibaji	18.4	21.8	23.3	24.1	23.8
	Lokoja	19.4	24.0	26.1	26.3	25.1
	Yagba West	18.0	21.4	23.0	23.7	23.1
Kwara	Baruten	17.7	20.9	22.8	23.4	23.1
	Ekiti	17.6	21.1	22.6	23.0	22.6
	Ilorin	19.5	22.6	23.8	24.0	23.0
	Pategi	18.1	21.9	24.0	24.9	24.3
Lagos	Badagry	23.0	25.3	26.0	26.1	25.7
	Ikeja	23.1	25.1	25.5	25.4	24.6
	Ikorodu	22.9	25.4	26.1	26.3	25.9
	Lagos Island	24.4	26.3	26.5	26.2	25.4
Nasarawa	Akwanga	17.4	20.7	22.9	23.7	23.3
	Awe	17.1	20.9	23.4	24.7	24.4
	Doma	17.5	21.3	23.7	24.8	24.4
	Lafia	18.6	22.7	25.6	26.0	24.8
Niger	Bida	20.9	24.2	26.2	26.3	24.9
	Borgu	16.2	20.0	23.9	26.0	25.8
	Lapai	16.8	20.2	22.6	24.2	23.9
	Magama	15.0	18.6	22.5	24.7	24.8
	Mashigi	16.7	20.6	23.7	25.1	24.8
	Minna	20.7	23.3	25.6	25.7	24.3
	Rijaw	25.9	25.9	26.6	27.8	28.7
Ogun	Abeokuta	21.6	24.6	25.3	25.2	24.4
	Ijebu Ode	21.9	24.3	24.9	24.8	23.9
	Imeko Afon	19.0	22.3	23.5	23.7	23.4
	Ipokia	23.1	25.4	25.9	26.0	25.6
	Ogun Waterside	21.8	24.6	25.4	25.7	25.3
Ondo	Akoko Northwest	18.1	21.2	22.5	23.1	22.7
	Akure	18.9	22.4	23.2	23.3	22.7
	Ilaje Eseodo	21.9	24.8	25.6	25.8	25.4
	Ondo	21.6	23.5	24.0	23.8	23.3
	Ose	18.8	21.8	23.0	23.6	23.2
Osun	Atakumosa East	18.1	21.2	22.5	23.0	22.6
	Ifedayo	17.6	21.1	22.6	23.0	22.6

	Ife North	19.5	22.6	23.6	24.0	23.6
	Oshogbo	17.9	22.0	23.1	23.3	22.6
Oyo	Ibadan	22.2	24.3	24.6	24.3	23.6
	Iseyin	20.7	22.5	23.6	23.5	22.8
	Iwajowa	18.4	21.7	23.2	23.5	23.2
	Oluyole	20.0	23.1	24.0	24.3	23.9
	Shaki	19.6	22.2	23.2	23.2	22.4
Plateau	Bokkos	17.6	20.5	22.3	22.8	22.4
	Jos	11.5	14.3	17.0	18.6	18.6
	Langtang South	17.3	21.2	24.2	25.1	24.7
	Wase	18.3	21.7	24.2	24.9	24.5
Rivers	Akukutor	22.2	24.6	25.2	25.4	25.0
	Ogba Egbe	19.7	22.6	23.7	24.2	23.9
	Opobo Nkoro	23.6	25.9	26.4	26.5	26.1
	Port Harcourt	21.1	23.3	23.9	24.0	23.6
Sokoto	Gudu North	14.8	18.0	21.7	25.6	27.6
	Illela	14.3	17.6	21.6	25.2	27.2
	Isa	14.0	17.3	21.4	24.6	26.2
	Kebbe	15.2	18.6	22.4	25.3	25.8
	Sokoto	17.0	19.9	23.8	27.0	27.8
Taraba	Bali	17.7	21.2	23.6	24.3	23.4
	Jalingo	19.1	22.4	25.0	26.0	24.3
	Sardauna	15.3	17.8	19.4	19.8	19.4
Yobe	Gulani	14.9	18.4	22.2	24.4	24.7
	Nguru	13.7	16.3	20.8	24.5	26.1
	Potiskum	12.8	16.3	21.0	24.5	26.0
	Tarmuwa	13.3	16.9	21.2	24.9	26.7
	Yunusari	12.9	16.4	20.8	24.6	26.7
Zamfara	Gummi	15.2	18.6	22.4	25.3	25.8
	Gusau	15.5	18.4	22.5	25.1	25.2
	Maru	14.1	17.6	21.1	23.2	23.7
	Shinkafi	14.0	17.3	21.4	24.6	26.2



Isi nke isii

Nkọwapụta Amụma Mmiri Ozuzo Okpuruochịhị 774

Naijirịa bụ obodo nwere nnukwu ala, nwere mpaghara ihuigwe dị iche iche na mpaghara agroecological. Ọtụtụ steeti nwere ihe dị ka mpaghara ọrụ ugbo 2 ma ọ bụ 3 na nke a nwere mmetụta na

nkesa mmiri ozuzo dị ka mmalite, nkwasị, ogologo oge na oke mmiri ozuzo kwa afọ karịa steeti ọbụla. N'okpuru ebe a bụ nkọwa zuru ezu nke amụma gbasara mpaghara okpuruochịhị imeobodo 774 nke mba ahụ.

Tebụl 9: Nchịkọta amụma ụbọchị mmalite, ụbọchị nkwasị, ogologo oge na ogo mmiri ozuzo kwa afọ maka steeti na mpaghara okpuruochịhị Naijirịa.

Steeti	Obodo	Ụbọchị mmalite	Ọgwụgwụ oge	Ụbọchị Ogologo Oge	Mmiri ozuzo kwa afọ mm
Abia	Aba North	11-Mar	15-Dec	278	2556
	Aba South	11-Mar	15-Dec	279	2569
	Arochukw	17-Mar	11-Dec	269	2354
	Bende	19-Mar	10-Dec	266	2309
	Ikwuano	15-Mar	12-Dec	272	2427
	Isiala Ngwa North	15-Mar	13-Dec	273	2439
	Isiala Ngwa South	14-Mar	13-Dec	275	2475
	Isuikwua	21-Mar	9-Dec	263	2247
	Oboma Ngwa	12-Mar	14-Dec	278	2544
	Ohafia Abia	19-Mar	10-Dec	266	2301
	Osioma Ngwa	12-Mar	14-Dec	277	2519
	Ugwunagbo	10-Mar	15-Dec	280	2596
	Ukwa East	9-Mar	16-Dec	282	2632
	Ukwa West	9-Mar	16-Dec	281	2619
	Umuahia North	18-Mar	11-Dec	268	2343
	Umuahia South	16-Mar	12-Dec	270	2388
	Umu-Nneochi	23-Mar	8-Dec	259	2173
Adamawa	Demsa	25-May	11-Nov	182	1097
	Fufore	9-May	12-Nov	187	1143
	Ganye	29-Apr	18-Nov	204	1320
	Girie	24-May	4-Nov	165	965
	Gombi	13-May	10-Nov	182	1095
	Guyuk	19-May	7-Nov	172	1020
	Hong	25-May	4-Nov	162	951
	Jada	2-May	16-Nov	198	1258
	Jimeta	11-May	12-Nov	185	1127
	Lamurde	15-May	9-Nov	178	1068
	Madagali	3-Jun	30-Oct	149	881
	Maiha	19-May	7-Nov	172	1016
	Mayo-Bel	4-May	15-Nov	195	1220
	Michika	30-May	1-Nov	155	909
Mubi North	26-May	3-Nov	161	943	

	Mubi South	24-May	4-Nov	164	961
	Numan	14-May	10-Nov	180	1084
	Shelleng	20-May	6-Nov	170	1001
	Song	19-May	7-Nov	173	1021
	Toungo	6-May	14-Nov	192	1188
	Yola North	27-May	17-Oct	185	1124
	Yola South	24-May	21-Oct	186	1138
Akwa Ibom	Abak	10-Mar	15-Dec	281	2605
	Eastern Obolo	3-Mar	19-Dec	292	2853
	Eket	4-Mar	18-Dec	289	2792
	Esit - Eket	5-Mar	18-Dec	289	2783
	Essien Udim	11-Mar	15-Dec	278	2558
	Etim Ekpo	9-Mar	16-Dec	281	2620
	Etinan	7-Mar	17-Dec	285	2695
	Ibena	3-Mar	19-Dec	291	2831
	Ibesikpo Asutan	8-Mar	16-Dec	283	2648
	Ibiono Ibom	13-Mar	14-Dec	276	2507
	Ika	10-Mar	15-Dec	280	2597
	Ikono	13-Mar	14-Dec	276	2507
	Ikot Abasi	3-Mar	19-Dec	291	2830
	Ikot Ekpene	13-Mar	14-Dec	276	2511
	Ini	15-Mar	12-Dec	272	2431
	Itu	12-Mar	14-Dec	278	2544
	Mbo	4-Mar	18-Dec	289	2795
	Mkpat Enin	4-Mar	19-Dec	290	2809
	Nsit Atai	7-Mar	17-Dec	284	2689
	Nsit Ibom	8-Mar	16-Dec	283	2658
	Nsit Ubium	6-Mar	17-Dec	286	2726
	Obot Akara	13-Mar	13-Dec	275	2488
	Okobo	7-Mar	17-Dec	285	2702
	Onna	4-Mar	18-Dec	289	2792
	Oron	6-Mar	17-Dec	287	2738
	Oruk Anam	7-Mar	17-Dec	285	2691
	Udung Uko	6-Mar	17-Dec	286	2729
	Ukanafun	8-Mar	16-Dec	283	2649
	Uruan	9-Mar	15-Dec	281	2612
	Urue-Offong/Oruko	5-Mar	18-Dec	287	2750
	Uyo	10-Mar	15-Dec	281	2604
Anambra	Aguata	24-Mar	8-Dec	259	2158
	Anambra East	29-Mar	5-Dec	252	2028
	Anambra West	1-Apr	3-Dec	247	1947
	Anaocha	25-Mar	7-Dec	256	2115
	Awka North	29-Mar	5-Dec	251	2016

	Awka South	27-Mar	6-Dec	254	2074
	Ayamelum	1-Apr	3-Dec	246	1933
	Njikoka	27-Mar	6-Dec	253	2059
	Ekwusigo	24-Mar	8-Dec	258	2155
	Idemili North	26-Mar	7-Dec	256	2101
	Idemili South	25-Mar	7-Dec	257	2124
	Ihiala	22-Mar	9-Dec	262	2214
	Dunukofia	27-Mar	6-Dec	254	2074
	Nnewi North	24-Mar	7-Dec	258	2154
	Nnewi South	23-Mar	8-Dec	260	2177
	Ogbaru	22-Mar	8-Dec	261	2202
	Onitsha North	26-Mar	7-Dec	256	2102
	Onitsha South	25-Mar	7-Dec	256	2114
	Orumba North	26-Mar	7-Dec	256	2111
	Orumba South	24-Mar	7-Dec	258	2153
	Oyi	27-Mar	6-Dec	253	2062
Bauchi	Alkaleri	20-May	6-Nov	160	904
	Bauchi	25-May	4-Nov	152	851
	Bogoro	16-May	9-Nov	166	950
	Damban	13-Jun	24-Oct	123	674
	Darazo	7-Jun	28-Oct	133	705
	Dass	22-May	6-Nov	158	890
	Gamawa	20-Jun	21-Oct	113	657
	Ganjuwa	2-Jun	31-Oct	140	786
	Giade	12-Jun	25-Oct	125	681
	Itas/Gadau	17-Jun	22-Oct	117	662
	Jama'are	15-Jun	23-Oct	120	669
	Katagum	14-Jun	24-Oct	122	672
	Kirfi	28-May	2-Nov	149	780
	Misau	11-Jun	26-Oct	126	683
	Ningi	5-Jun	29-Oct	135	713
	Shira	12-Jun	25-Oct	125	680
	Tafawa-Balewa	20-May	6-Nov	160	903
	Toro	27-May	3-Nov	150	839
	Warji	7-Jun	28-Oct	133	704
	Zaki	23-Jun	19-Oct	108	603
Bayelsa	Brass	1-Mar	20-Dec	293	2890
	Ekeremor	8-Mar	16-Dec	284	2668
	Kolokuma/Opokuma	11-Mar	15-Dec	279	2575
	Nembe	2-Mar	19-Dec	292	2860
	Ogbia	6-Mar	17-Dec	287	2740
	Sagbama	12-Mar	14-Dec	277	2535
	Southern Ijaw	4-Mar	19-Dec	290	2818

	Yenegoa	11-Mar	15-Dec	279	2562
Benue	Ado	25-Apr	1-Dec	190	1824
	Agatu	10-May	23-Nov	167	1487
	Apa	7-May	25-Nov	172	1549
	Buruku	3-May	26-Nov	177	1630
	Gboko	3-May	27-Nov	178	1646
	Guma	10-May	23-Nov	167	1482
	Gwer East	3-May	26-Nov	177	1629
	Gwer West	7-May	24-Nov	171	1546
	Katsina-Ala	3-May	27-Nov	178	1639
	Konshisha	28-Apr	29-Nov	185	1752
	Kwande	25-Apr	1-Dec	190	1822
	Logo	8-May	24-Nov	169	1521
	Makurdi	21-May	28-Nov	161	1210
	Obi	28-Apr	30-Nov	186	1764
	Ogbadibo	28-Apr	30-Nov	186	1760
	Ohimini	1-May	28-Nov	181	1684
	Oju	26-Apr	1-Dec	189	1806
	Okpokwu	28-Apr	29-Nov	186	1760
	Oturkpo	2-May	27-Nov	180	1669
	Tarka	7-May	25-Nov	172	1559
	Ukum	7-May	25-Nov	172	1551
	Ushongo	28-Apr	29-Nov	185	1748
	Vandeikya	26-Apr	1-Dec	189	1817
Borno	Abadam	12-Jul	9-Oct	78	495
	Askira/Uba	31-May	31-Oct	141	848
	Bama	13-Jun	25-Oct	122	477
	Bayo	28-May	2-Nov	146	873
	Biu	1-Jun	31-Oct	140	842
	Chibok	2-Jun	30-Oct	138	733
	Dambo	7-Jun	28-Oct	131	703
	Dikwa	19-Jun	21-Oct	113	459
	Gubio	30-Jun	15-Oct	96	456
	Guzamala	2-Jul	14-Oct	92	461
	Gwoza	7-Jun	28-Oct	130	702
	Hawul	29-May	2-Nov	145	771
	Jere	18-Jun	22-Oct	114	462
	Kaga	14-Jun	24-Oct	120	473
	Kala/Balge	22-Jun	20-Oct	108	455
	Konduga	15-Jun	23-Oct	119	469
	Kukawa	4-Jul	13-Oct	89	466
	Kwaya Kusar	28-May	2-Nov	147	779

	Mafa	20-Jun	21-Oct	110	457
	Magumeri	22-Jun	19-Oct	107	454
	Maiduguri	18-Jun	22-Oct	114	461
	Marte	25-Jun	18-Oct	102	453
	Mobbar	7-Jul	12-Oct	84	475
	Monguno	28-Jun	17-Oct	99	454
	Ngala	24-Jun	19-Oct	105	453
	Nganzai	27-Jun	17-Oct	100	453
	Shani	25-May	4-Nov	151	806
Cross River	Abi	23-Mar	8-Dec	260	2191
	Akamkpa	15-Mar	13-Dec	273	2439
	Akpabuyo	7-Mar	17-Dec	285	2705
	Bakassi	6-Mar	17-Dec	287	2737
	Bekwarra	3-Apr	2-Dec	243	1881
	Biase	18-Mar	11-Dec	268	2347
	Boki	28-Mar	5-Dec	252	2035
	Calabar Municipal	10-Mar	15-Dec	281	2611
	Calabar South	7-Mar	17-Dec	285	2702
	Etung	22-Mar	9-Dec	262	2219
	Ikom	25-Mar	7-Dec	257	2123
	Obanliku	31-Mar	4-Dec	247	1953
	Obubra	24-Mar	7-Dec	258	2151
	Obudu	2-Apr	3-Dec	245	1916
	Odukpani	12-Mar	14-Dec	277	2521
	Ogoja	1-Apr	3-Dec	247	1944
	Yakurr	22-Mar	9-Dec	262	2225
	Yala	1-Apr	3-Dec	246	1928
Delta	Aniocha North	29-Mar	5-Dec	251	2015
	Aniocha South	26-Mar	6-Dec	255	2094
	Bomadi	13-Mar	14-Dec	276	2499
	Burutu	14-Mar	13-Dec	274	2457
	Ethiope East	23-Mar	8-Dec	260	2187
	Ethiope West	20-Mar	10-Dec	265	2284
	Ika North East	27-Mar	6-Dec	253	2057
	Ika South	27-Mar	6-Dec	254	2074
	Isoko North	17-Mar	11-Dec	269	2367
	Isoko South	16-Mar	12-Dec	272	2412
	Ndokwa East	19-Mar	10-Dec	267	2311
	Ndokwa West	21-Mar	9-Dec	262	2231
	Okpe	19-Mar	10-Dec	266	2295
	Oshimili North	29-Mar	5-Dec	252	2028
	Oshimili South	26-Mar	7-Dec	256	2113
	Patani	13-Mar	14-Dec	276	2506

	Sapele	22-Mar	9-Dec	262	2213
	Udu	17-Mar	12-Dec	270	2377
	Ughelli North	17-Mar	11-Dec	269	2360
	Ughelli South	15-Mar	12-Dec	272	2426
	Ukwuani	22-Mar	9-Dec	262	2228
	Uvwie	18-Mar	11-Dec	268	2339
	Warri North	21-Mar	9-Dec	263	2232
	Warri South	19-Mar	10-Dec	267	2317
	Warri South West	18-Mar	11-Dec	268	2343
Ebonyi	Abakaliki	28-Mar	5-Dec	252	2044
	Afikpo North	22-Mar	8-Dec	261	2201
	Afikpo South	22-Mar	9-Dec	261	2209
	Ebonyi	31-Mar	4-Dec	248	1959
	Ezza North	28-Mar	5-Dec	253	2049
	Ezza South	26-Mar	6-Dec	255	2099
	Ikwo	25-Mar	7-Dec	256	2118
	Ishielu	30-Mar	4-Dec	249	1989
	Ivo	23-Mar	8-Dec	260	2191
	Izzi	31-Mar	4-Dec	247	1952
	Ohaozara	24-Mar	8-Dec	259	2161
	Ohaukwu	31-Mar	4-Dec	248	1966
	Onicha	25-Mar	7-Dec	256	2117
Edo	Akoko-Edo	13-Apr	27-Nov	227	1633
	Egor	29-Mar	5-Dec	250	2007
	Esan Central	4-Apr	2-Dec	242	1866
	Esan North East	4-Apr	1-Dec	241	1847
	Esan South East	2-Apr	3-Dec	245	1916
	Esan West	3-Apr	2-Dec	243	1885
	Etsako Central	7-Apr	30-Nov	237	1775
	Etsako East	11-Apr	28-Nov	231	1684
	Etsako West	8-Apr	30-Nov	236	1767
	Igueben	31-Mar	4-Dec	247	1950
	Ikpoba-Okha	27-Mar	6-Dec	254	2071
	Oredo	28-Mar	6-Dec	253	2051
	Orhionmwon	26-Mar	6-Dec	255	2090
	Ovia North East	31-Mar	4-Dec	248	1971
	Ovia South West	31-Mar	4-Dec	248	1972
	Owan East	9-Apr	29-Nov	234	1738
	Owan West	6-Apr	30-Nov	238	1795
	Uhunmwonde	31-Mar	4-Dec	247	1954
Ekiti	Ado-Ekiti	17-Apr	25-Nov	222	1556
	Efon	17-Apr	24-Nov	221	1539

	Ekiti East	19-Apr	24-Nov	219	1513
	Ekiti South West	16-Apr	25-Nov	224	1579
	Ekiti West	18-Apr	24-Nov	220	1531
	Emure/Ise/Orun	14-Apr	26-Nov	226	1607
	Aiyekire (Gbonyin)	17-Apr	25-Nov	222	1553
	Ido/Osi	20-Apr	23-Nov	216	1476
	Ijero	20-Apr	23-Nov	217	1493
	Ikere	15-Apr	26-Nov	225	1593
	Ikole	21-Apr	23-Nov	216	1472
	Ilejemeji	21-Apr	22-Nov	215	1456
	Irepodun/Ifelodun	18-Apr	24-Nov	220	1528
	Ise/Orun	14-Apr	26-Nov	226	1607
	Moba	22-Apr	22-Nov	214	1445
	Oye	20-Apr	23-Nov	216	1477
Enugu	Aninri	25-Mar	7-Dec	257	2132
	Awgu	27-Mar	6-Dec	255	2083
	Enugu East	1-Apr	3-Dec	246	1922
	Enugu North	31-Mar	4-Dec	248	1965
	Enugu South	30-Mar	4-Dec	249	1983
	Ezeagu	30-Mar	4-Dec	249	1986
	Igbo-Etiti	3-Apr	2-Dec	243	1880
	Igbo-Eze North	8-Apr	29-Nov	235	1751
	Igbo-Eze South	7-Apr	30-Nov	237	1776
	Isi-Uzo	4-Apr	2-Dec	242	1860
	Nkanu East	28-Mar	5-Dec	252	2034
	Nkanu West	29-Mar	5-Dec	251	2013
	Nsukka	6-Apr	1-Dec	239	1815
	Oji-River	27-Mar	6-Dec	254	2076
	Udenu	6-Apr	1-Dec	239	1811
	Udi	31-Mar	4-Dec	248	1966
	Uzo-Uwani	4-Apr	2-Dec	242	1868
FCT	Abaji	13-May	15-Nov	195	1220
	Abuja Municipal	16-May	14-Nov	191	1186
	Bwari	19-May	12-Nov	187	1141
	Gwagwalada	17-May	13-Nov	190	1169
	Kuje	11-May	16-Nov	198	1258
	Kwali	12-May	16-Nov	197	1242
Gombe	Akko	3-Jun	22-Oct	129	717
	Balanga	30-May	24-Oct	135	761
	Billiri	30-May	23-Oct	134	755
	Dukku	13-Jun	16-Oct	114	632

	Funakaye	12-Jun	16-Oct	114	633
	Gombe	5-Jun	20-Oct	125	693
	Kaltungo	30-May	24-Oct	134	755
	Kwami	9-Jun	18-Oct	120	663
	Nafada	17-Jun	14-Oct	107	606
	Shomgom	27-May	25-Oct	139	789
	Yamaltu/Deba	5-Jun	3-Nov	140	696
Imo	Aboh-Mbaise	16-Mar	12-Dec	271	2396
	Ahiazu-Mbaise	18-Mar	11-Dec	268	2348
	Ehime-Mbano	20-Mar	10-Dec	265	2289
	Ezinihitte	17-Mar	12-Dec	270	2380
	Ideato North	22-Mar	9-Dec	261	2212
	Ideato South	21-Mar	9-Dec	263	2238
	Ihitte/Uboma	19-Mar	10-Dec	266	2305
	Ikeduru	18-Mar	11-Dec	268	2347
	Isiala Mbano	20-Mar	10-Dec	265	2289
	Isu	20-Mar	10-Dec	265	2287
	Mbaitoli	18-Mar	11-Dec	267	2329
	Ngor-Okpala	14-Mar	13-Dec	273	2449
	Njaba	20-Mar	10-Dec	265	2273
	Nkwerre	20-Mar	10-Dec	264	2264
	Nwangele	20-Mar	10-Dec	265	2276
	Obowo	18-Mar	11-Dec	268	2350
	Oguta	19-Mar	10-Dec	266	2305
	Ohaji/Egbema	16-Mar	12-Dec	271	2407
	Okigwe	21-Mar	9-Dec	263	2233
	Orlu	21-Mar	9-Dec	263	2234
	Orsu	22-Mar	8-Dec	261	2208
	Oru East	20-Mar	10-Dec	264	2264
	Oru West	21-Mar	9-Dec	264	2254
	Owerri-Municipal	17-Mar	12-Dec	270	2377
	Owerri North	16-Mar	12-Dec	271	2393
	Owerri West	16-Mar	12-Dec	271	2403
	Unuimo	21-Mar	9-Dec	263	2247
Jigawa	Auyo	24-Jun	18-Oct	98	603
	Babura	29-Jun	16-Oct	91	605
	Biriniwa	1-Jul	15-Oct	88	608
	Birnin Kudu	13-Jun	25-Oct	116	828
	Buji	13-Jun	25-Oct	116	827
	Dutse	17-Jun	23-Oct	110	814
	Gagarawa	27-Jun	17-Oct	94	603
	Garki	25-Jun	18-Oct	97	603

	Gumel	28-Jun	16-Oct	92	605
	Guri	29-Jun	16-Oct	91	605
	Gwaram	9-Jun	27-Oct	122	745
	Gwiwa	30-Jun	15-Oct	90	606
	Hadejia	26-Jun	18-Oct	96	603
	Jahun	21-Jun	20-Oct	104	606
	Kafin Hausa	22-Jun	20-Oct	101	604
	Kaugama	26-Jun	17-Oct	95	603
	Kazaure	29-Jun	16-Oct	91	605
	Kiri Kasamma	28-Jun	17-Oct	93	604
	Kiyawa	17-Jun	22-Oct	109	712
	Maigatari	30-Jun	15-Oct	89	607
	Malam Madori	27-Jun	17-Oct	93	604
	Miga	23-Jun	19-Oct	101	604
	Ringim	22-Jun	20-Oct	102	605
	Roni	28-Jun	16-Oct	92	605
	Sule Tankarkar	29-Jun	16-Oct	90	606
	Taura	23-Jun	19-Oct	100	604
	Yankwashi	30-Jun	15-Oct	89	607
Kaduna	Birnin-Gwari	3-Jun	16-Oct	127	879
	Chikun	27-May	20-Oct	159	931
	Giwa	7-Jun	14-Oct	143	856
	Igabi	31-May	18-Oct	153	901
	Ikara	9-Jun	13-Oct	140	844
	Jaba	13-May	27-Oct	181	1086
	Jema'a	11-May	28-Oct	184	1116
	Kachia	19-May	24-Oct	173	1022
	Kaduna North	30-May	18-Oct	156	912
	Kaduna South	29-May	19-Oct	157	919
	Kagarko	13-May	28-Oct	182	1097
	Kajuru	26-May	20-Oct	162	947
	Kaura	16-May	26-Oct	177	1055
	Kauru	24-May	21-Oct	164	964
	Kubau	4-Jun	16-Oct	148	875
	Kudan	9-Jun	13-Oct	140	846
	Lere	26-May	20-Oct	161	945
	Markafi	10-Jun	12-Oct	139	841
	Sabon-Gari	7-Jun	14-Oct	142	852
	Sanga	9-May	29-Oct	187	1143
	Soba	5-Jun	15-Oct	146	867
	Zango-Kataf	18-May	24-Oct	173	1024
	Zaria	6-Jun	14-Oct	144	860
Kano	Ajingi	19-Jun	21-Oct	113	709

Albasu	15-Jun	24-Oct	119	720
Bagwai	21-Jun	20-Oct	109	506
Bebeji	13-Jun	25-Oct	122	726
Bichi	24-Jun	19-Oct	105	503
Bunkure	15-Jun	24-Oct	119	720
Dala	20-Jun	21-Oct	111	607
Dambatta	26-Jun	18-Oct	102	503
Dawakin Kudu	17-Jun	23-Oct	116	714
Dawakin Tofa	22-Jun	20-Oct	108	505
Doguwa	4-Jun	29-Oct	135	840
Fagge	20-Jun	21-Oct	111	708
Gabasawa	21-Jun	20-Oct	109	505
Garko	14-Jun	24-Oct	121	624
Garum Mallam	15-Jun	24-Oct	119	620
Gaya	17-Jun	23-Oct	116	614
Gezawa	20-Jun	21-Oct	110	507
Gwale	19-Jun	21-Oct	112	608
Gwarzo	18-Jun	22-Oct	113	610
Kabo	18-Jun	22-Oct	114	611
Kano Municipal	19-Jun	21-Oct	112	609
Karaye	16-Jun	23-Oct	116	615
Kibiya	12-Jun	25-Oct	123	628
Kiru	14-Jun	24-Oct	120	622
Kumbotso	19-Jun	22-Oct	113	610
Kunchi	26-Jun	18-Oct	102	503
Kura	16-Jun	23-Oct	116	615
Madobi	17-Jun	22-Oct	115	613
Makoda	25-Jun	18-Oct	103	503
Minjibir	23-Jun	19-Oct	107	504
Nasarawa	20-Jun	21-Oct	111	507
Rano	12-Jun	25-Oct	122	628
Rimin Gado	19-Jun	22-Oct	113	610
Rogo	13-Jun	25-Oct	121	626
Shanono	20-Jun	21-Oct	110	506
Sumaila	11-Jun	26-Oct	125	635
Takai	12-Jun	25-Oct	123	631
Tarauni	19-Jun	21-Oct	112	608
Tofa	20-Jun	21-Oct	111	607
Tsanyawa	23-Jun	19-Oct	105	503
Tudun Wada	9-Jun	27-Oct	127	642
Ungogo	20-Jun	21-Oct	110	507
Warawa	19-Jun	22-Oct	113	610
Wudil	16-Jun	23-Oct	117	616

Katsina	Bakori	14-Jun	24-Oct	118	722
	Batagarawa	3-Jul	14-Oct	89	512
	Batsari	1-Jul	15-Oct	91	509
	Baure	2-Jul	15-Oct	91	509
	Bindawa	30-Jun	15-Oct	93	507
	Charanchi	29-Jun	16-Oct	96	505
	Dandume	11-Jun	26-Oct	122	733
	Danja	11-Jun	26-Oct	123	734
	Dan Musa	23-Jun	19-Oct	104	554
	Daura	4-Jul	13-Oct	87	466
	Dutsi	3-Jul	14-Oct	89	463
	Dutsin-Ma	26-Jun	18-Oct	100	553
	Faskari	15-Jun	24-Oct	117	670
	Funtua	12-Jun	25-Oct	121	820
	Ingawa	29-Jun	16-Oct	95	455
	Jibia	4-Jul	13-Oct	87	466
	Kafur	14-Jun	24-Oct	117	721
	Kaita	7-Jul	12-Oct	83	474
	Kankara	19-Jun	21-Oct	110	558
	Kankia	26-Jun	17-Oct	99	453
	Katsina	4-Jul	13-Oct	86	466
	Kurfi	30-Jun	15-Oct	93	457
	Kusada	27-Jun	17-Oct	98	553
	Mai'adua	6-Jul	12-Oct	83	473
	Malumfashi	17-Jun	22-Oct	113	562
	Mani	3-Jul	14-Oct	89	462
	Mashi	6-Jul	12-Oct	83	473
	Matazu	24-Jun	19-Oct	103	453
	Musawa	21-Jun	20-Oct	108	456
	Rimi	2-Jul	14-Oct	90	460
	Sabuwa	10-Jun	26-Oct	124	588
	Safana	27-Jun	17-Oct	98	454
	Sandamu	3-Jul	14-Oct	89	463
	Zango	4-Jul	13-Oct	87	465
Kebbi	Aleiro	1-Jul	19-Oct	89	603
	Arewa-Dandi	7-Jul	16-Oct	81	605
	Argungu	7-Jul	16-Oct	81	605
	Augie	11-Jul	14-Oct	75	613
	Bagudo	10-Jun	26-Oct	117	636
	Birnin Kebbi	4-Jul	18-Oct	86	603
	Bunza	29-Jun	20-Oct	93	605
	Dandi	17-Jun	22-Oct	107	613

	Danko Wasagu	12-Jun	25-Oct	115	630
	Fakai	12-Jun	25-Oct	115	628
	Gwandu	4-Jul	17-Oct	85	603
	Jega	29-Jun	20-Oct	93	605
	Kalgo	23-Jun	19-Oct	97	603
	Koko/Besse	11-Jun	25-Oct	116	633
	Maiyama	19-Jun	21-Oct	104	609
	Ngaski	30-May	1-Nov	134	706
	Sakaba	8-Jun	27-Oct	122	650
	Shanga	9-Jun	27-Oct	120	645
	Suru	15-Jun	23-Oct	110	617
	Yauri	5-Jun	29-Oct	127	669
	Zuru	13-Jun	25-Oct	114	627
Kogi	Adavi	25-Apr	24-Nov	188	1547
	Ajaokuta	22-Apr	26-Nov	193	1607
	Ankpa	22-Apr	26-Nov	193	1618
	Bassa	27-Apr	24-Nov	186	1516
	Dekina	23-Apr	25-Nov	191	1582
	Ibaji	13-Apr	1-Dec	207	1834
	Idah	17-Apr	29-Nov	201	1739
	Igalamela-Odolu	17-Apr	29-Nov	201	1741
	Ijumu	28-Apr	23-Nov	184	1491
	Kabba/Bunu	1-May	21-Nov	180	1429
	Kogi	3-May	20-Nov	176	1380
	Lokoja	3-May	20-Nov	176	1382
	Mopa-Muro	2-May	21-Nov	177	1402
	Ofu	21-Apr	27-Nov	195	1647
	Ogori/Magongo	23-Apr	26-Nov	192	1600
	Okehi	26-Apr	24-Nov	187	1529
	Okene	22-Apr	26-Nov	192	1605
	Olamabolo	18-Apr	28-Nov	199	1700
	Omala	27-Apr	23-Nov	186	1509
	Yagba East	2-May	21-Nov	177	1399
	Yagba West	4-May	20-Nov	175	1368
Kwara	Asa	7-May	18-Nov	170	1317
	Baruten	18-May	12-Nov	153	1136
	Edu	14-May	14-Nov	160	1202
	Ekiti	1-May	21-Nov	179	1416
	Ifelodun	9-May	17-Nov	167	1276
	Ilorin East	9-May	17-Nov	168	1285
	Ilorin South	7-May	18-Nov	170	1314
	Ilorin West	7-May	18-Nov	170	1307
	Irepodun	3-May	20-Nov	176	1388

	Isin	4-May	20-Nov	175	1368
	Kaiama	20-May	11-Nov	149	1102
	Moro	13-May	15-Nov	161	1211
	Offa	3-May	20-Nov	177	1394
	Oke-Ero	2-May	20-Nov	177	1397
	Oyun	3-May	20-Nov	177	1392
	Pategi	10-May	16-Nov	165	1260
Lagos	Agege	3-Apr	2-Dec	244	1891
	Ajeromi-Ifelodun	31-Mar	4-Dec	248	1959
	Alimosho	2-Apr	3-Dec	245	1905
	Amuwo-Odofin	30-Mar	4-Dec	249	1975
	Apapa	30-Mar	4-Dec	249	1977
	Badagry	30-Mar	4-Dec	249	1978
	Epe	31-Mar	4-Dec	247	1952
	Eti-Osa	31-Mar	4-Dec	248	1970
	Ibeju/Lekki	31-Mar	4-Dec	248	1973
	Ifako-Ijaye	3-Apr	2-Dec	243	1876
	Ikeja	2-Apr	2-Dec	244	1900
	Ikorodu	2-Apr	3-Dec	244	1903
	Kosofe	2-Apr	3-Dec	245	1906
	Lagos Island	1-Apr	3-Dec	246	1936
	Lagos Mainland	1-Apr	3-Dec	247	1942
	Mushin	1-Apr	3-Dec	246	1925
	Ojo	31-Mar	4-Dec	248	1967
	Oshodi-Isolo	2-Apr	3-Dec	245	1920
	Shomolu	1-Apr	3-Dec	246	1924
	Surulere	1-Apr	3-Dec	247	1944
Nasarawa	Akwanga	16-May	13-Nov	182	1171
	Awe	4-May	20-Nov	200	1368
	Doma	3-May	20-Nov	202	1392
	Karu	17-May	13-Nov	180	1152
	Keana	3-May	20-Nov	201	1382
	Keffi	13-May	15-Nov	186	1218
	Kokona	14-May	14-Nov	184	1193
	Lafia	11-May	16-Nov	189	1251
	Nasarawa	6-May	19-Nov	197	1338
	Nassarawa Egon	11-May	16-Nov	189	1241
	Obi	5-May	19-Nov	197	1340
	Toto	5-May	19-Nov	199	1354
	Wamba	15-May	13-Nov	182	1174
Niger	Agai	14-May	9-Nov	180	1200
	Agwara	10-Jun	26-Oct	138	889
	Bida	16-May	8-Nov	176	1161

	Borgu	4-Jun	29-Oct	147	934
	Bosso	23-May	4-Nov	165	1060
	Chanchaga	24-May	4-Nov	164	1055
	Edati	15-May	9-Nov	177	1177
	Gbako	19-May	7-Nov	172	1122
	Gurara	19-May	6-Nov	171	1115
	Katcha	16-May	8-Nov	176	1161
	Kontagora	5-Jun	28-Oct	146	929
	Lapai	13-May	10-Nov	180	1208
	Lavun	17-May	7-Nov	174	1146
	Magama	4-Jun	29-Oct	147	937
	Mariga	8-Jun	26-Oct	140	899
	Mashegu	26-May	3-Nov	160	1026
	Mokwa	17-May	7-Nov	174	1147
	Muya	26-May	2-Nov	160	1025
	Paikoro	22-May	5-Nov	167	1081
	Rafi	1-Jun	30-Oct	152	965
	Rijau	13-Jun	24-Oct	132	863
	Shiroro	29-May	1-Nov	156	992
	Suleja	18-May	7-Nov	173	1139
	Tafa	19-May	7-Nov	172	1124
	Wushishi	24-May	4-Nov	163	1049
Ogun	Abeokuta North	11-Apr	28-Nov	230	1675
	Abeokuta South	10-Apr	28-Nov	232	1699
	Ado-Odo/Ota	2-Apr	3-Dec	244	1901
	Egbado North	10-Apr	28-Nov	233	1713
	Egbado South	5-Apr	1-Dec	240	1829
	Ewekoro	7-Apr	30-Nov	237	1774
	Ifo	4-Apr	1-Dec	241	1845
	Ijebu East	6-Apr	30-Nov	238	1802
	Ijebu North	4-Apr	1-Dec	241	1843
	Ijebu North East	8-Apr	29-Nov	235	1755
	Ijebu Ode	5-Apr	1-Dec	240	1837
	Ikenne	7-Apr	30-Nov	237	1786
	Imeko-Afon	17-Apr	24-Nov	221	1541
	Ipokia	2-Apr	3-Dec	244	1901
	Obafemi-Owode	7-Apr	30-Nov	237	1775
	Odeda	12-Apr	27-Nov	229	1658
	Odogbolu	5-Apr	1-Dec	240	1824
	Ogun waterside	30-Mar	4-Dec	249	1988
	Remo North	8-Apr	29-Nov	236	1759
	Shagamu	5-Apr	1-Dec	240	1825
Ondo	Akoko North-East	16-Apr	25-Nov	223	1571

	Akoko South-East	14-Apr	26-Nov	225	1605
	Akoko South-West	14-Apr	26-Nov	227	1621
	Akoko North-West	18-Apr	24-Nov	220	1534
	Akure North	11-Apr	28-Nov	230	1678
	Akure South	11-Apr	28-Nov	231	1687
	Ese-Odo	28-Mar	5-Dec	252	2035
	Idanre	8-Apr	30-Nov	236	1768
	Ifedore	13-Apr	27-Nov	228	1639
	Ilaje	26-Mar	7-Dec	256	2113
	Ile-Oluji-Okeigbo	12-Apr	27-Nov	229	1662
	Irele	1-Apr	3-Dec	246	1931
	Odigbo	4-Apr	2-Dec	242	1862
	Okitipupa	1-Apr	3-Dec	245	1921
	Ondo East	9-Apr	29-Nov	234	1736
	Ondo West	8-Apr	29-Nov	235	1756
	Ose	9-Apr	29-Nov	234	1735
	Owo	10-Apr	28-Nov	233	1714
Osun	Atakumosa East	13-Apr	27-Nov	228	1642
	Atakumosa West	16-Apr	25-Nov	223	1577
	Aiyedade	13-Apr	27-Nov	228	1644
	Aiyedire	16-Apr	25-Nov	223	1571
	Boluwaduro	21-Apr	22-Nov	215	1458
	Boripe	20-Apr	23-Nov	217	1481
	Ede North	18-Apr	24-Nov	220	1522
	Ede South	17-Apr	24-Nov	221	1542
	Egbedore	19-Apr	23-Nov	218	1503
	Ejigbo	19-Apr	23-Nov	218	1500
	Ife East	13-Apr	27-Nov	228	1641
	Ife North	11-Apr	28-Nov	230	1675
	Ife South	11-Apr	28-Nov	230	1676
	IfeCentral	15-Apr	26-Nov	225	1601
	Ifedayo	22-Apr	22-Nov	214	1450
	Ifelodun	21-Apr	22-Nov	215	1462
	Ila	22-Apr	22-Nov	214	1451
	Ilesha East	16-Apr	25-Nov	222	1560
	Ilesha West	17-Apr	24-Nov	221	1545
	Irepodun	20-Apr	23-Nov	216	1478
	Irewole	14-Apr	26-Nov	227	1625
	Isokan	12-Apr	27-Nov	229	1663
	Iwo	17-Apr	24-Nov	221	1545
	Obokun	19-Apr	23-Nov	218	1505
	Odo-Otin	22-Apr	22-Nov	214	1442
	Ola-Oluwa	19-Apr	24-Nov	219	1515

	Olorunda	20-Apr	23-Nov	217	1483
	Oriade	16-Apr	25-Nov	224	1580
	Orolu	21-Apr	22-Nov	216	1470
	Osogbo	19-Apr	24-Nov	219	1509
Oyo	Afijio	19-Apr	23-Nov	219	1508
	Akinyele	16-Apr	25-Nov	224	1578
	Atiba	26-Apr	20-Nov	207	1365
	Atigbo	28-Apr	19-Nov	205	1339
	Egbeda	13-Apr	26-Nov	227	1627
	Ibadan North	14-Apr	26-Nov	226	1617
	Ibadan North East	13-Apr	27-Nov	227	1630
	Ibadan North West	14-Apr	26-Nov	226	1620
	Ibadan South East	13-Apr	27-Nov	228	1642
	Ibadan South West	13-Apr	27-Nov	228	1635
	Ibarapa Central	14-Apr	26-Nov	226	1607
	Ibarapa East	17-Apr	25-Nov	222	1551
	Ibarapa North	17-Apr	24-Nov	221	1543
	Ido	15-Apr	26-Nov	224	1589
	Irepo	7-May	14-Nov	190	1178
	Iseyin	20-Apr	23-Nov	217	1484
	Itesiwaju	25-Apr	20-Nov	209	1383
	Iwajowa	22-Apr	22-Nov	214	1443
	Kajola	23-Apr	21-Nov	212	1424
	Lagelu	15-Apr	26-Nov	225	1595
	Ogbomosho North	25-Apr	20-Nov	210	1392
	Ogbomosho South	24-Apr	21-Nov	211	1412
	Ogo Oluwa	22-Apr	22-Nov	214	1450
	Olorunsogo	4-May	15-Nov	195	1228
	Oluyole	11-Apr	28-Nov	231	1690
	Ona-Ara	12-Apr	27-Nov	230	1666
	Orelope	4-May	15-Nov	195	1221
	Ori Ire	27-Apr	19-Nov	206	1345
	Oyo East	21-Apr	23-Nov	216	1472
	Oyo West	21-Apr	22-Nov	215	1464
	Saki East	3-May	16-Nov	197	1248
	Saki West	1-May	17-Nov	200	1275
	Surulere	24-Apr	21-Nov	211	1414
Plateau	Barikin Ladi	20-May	1-Nov	165	861
	Bassa	27-May	29-Oct	155	788
	Bokkos	15-May	4-Nov	173	936
	Jos East	24-May	30-Oct	159	818
	Jos North	25-May	30-Oct	158	806
	Jos South	23-May	31-Oct	161	829

	Kanam	19-May	2-Nov	167	878
	Kanke	18-May	3-Nov	169	897
	Langtang North	13-May	5-Nov	177	969
	Langtang South	6-May	9-Nov	186	1070
	Mangu	18-May	3-Nov	169	896
	Mikang	12-May	5-Nov	177	973
	Pankshin	16-May	4-Nov	172	926
	Qua'an Pan	10-May	7-Nov	181	1018
	Riyom	20-May	1-Nov	165	866
	Shendam	9-May	7-Nov	182	1021
	Wase	13-May	5-Nov	176	965
River	Abua/Odual	8-Mar	16-Dec	284	2678
	Ahoada East	10-Mar	15-Dec	280	2585
	Ahoada West	10-Mar	15-Dec	280	2597
	Akuku Toru	3-Mar	19-Dec	291	2841
	Andoni	3-Mar	19-Dec	291	2840
	Asari-Toru	6-Mar	17-Dec	287	2735
	Bonny	3-Mar	19-Dec	291	2845
	Degema	4-Mar	19-Dec	290	2811
	Eleme	6-Mar	17-Dec	287	2740
	Emohua	7-Mar	17-Dec	284	2689
	Etche	10-Mar	15-Dec	280	2582
	Gokana	5-Mar	18-Dec	288	2778
	Ikwerre	10-Mar	15-Dec	280	2584
	Khana	4-Mar	18-Dec	289	2789
	Obia/Akpor	7-Mar	17-Dec	285	2704
	Ogba/Egbema/Ndoni	15-Mar	12-Dec	272	2422
	Ogu/Bolo	5-Mar	18-Dec	288	2778
	Okrika	5-Mar	18-Dec	289	2780
	Omumma	11-Mar	15-Dec	279	2564
	Opobo/Nkoro	3-Mar	19-Dec	291	2846
	Oyigbo	7-Mar	17-Dec	284	2681
	Port-Harcourt	6-Mar	17-Dec	286	2729
	Tai	6-Mar	17-Dec	287	2736
Sokoto	Binji	7-Jul	29-Sep	72	525
	Bodinga	2-Jul	1-Oct	79	510
	Dange-Shuni	2-Jul	1-Oct	79	511
	Gada	14-Jul	25-Sep	61	558
	Goronyo	10-Jul	27-Sep	68	535
	Gudu	11-Jul	26-Sep	65	543
	Gwadabawa	11-Jul	26-Sep	66	541
	Illela	14-Jul	25-Sep	61	557
	Isa	8-Jul	28-Sep	71	527

	Kebbe	19-Jun	8-Oct	100	509
	Kware	6-Jul	29-Sep	73	522
	Rabah	5-Jul	30-Sep	75	518
	Sabon Birni	12-Jul	26-Sep	64	546
	Shagari	27-Jun	4-Oct	86	504
	Silame	4-Jul	30-Sep	76	516
	Sokoto North	5-Jul	29-Sep	74	519
	Sokoto South	5-Jul	30-Sep	75	518
	Tambuwal	25-Jun	5-Oct	90	503
	Tangaza	12-Jul	26-Sep	64	545
	Tureta	28-Jun	4-Oct	86	504
	Wamako	5-Jul	30-Sep	75	518
	Wurno	8-Jul	28-Sep	70	530
	Yabo	1-Jul	2-Oct	81	508
Taraba	Ardo-Kola	5-May	7-Nov	171	966
	Bali	24-Apr	13-Nov	188	1165
	Donga	17-Apr	16-Nov	198	1291
	Gashaka	14-Apr	18-Nov	203	1360
	Gassol	28-Apr	11-Nov	182	1083
	Ibi	27-Apr	11-Nov	183	1098
	Jalingo	6-May	6-Nov	170	950
	Karim-Lamido	10-May	4-Nov	164	891
	Kurmi	10-Apr	20-Nov	209	1459
	Lau	9-May	4-Nov	164	897
	Sardauna	6-Apr	23-Nov	216	1564
	Takum	14-Apr	18-Nov	203	1363
	Ussa	7-Apr	22-Nov	215	1540
	Wukari	22-Apr	14-Nov	190	1186
	Yorro	5-May	7-Nov	170	955
	Zing	6-May	6-Nov	170	952
Yobe	Bade	30-Jun	1-Oct	79	507
	Bursari	30-Jun	1-Oct	80	506
	Damaturu	17-Jun	8-Oct	99	512
	Fika	11-Jun	11-Oct	108	532
	Fune	17-Jun	8-Oct	99	512
	Geidam	29-Jun	2-Oct	81	506
	Gujba	10-Jun	12-Oct	110	537
	Gulani	5-Jun	15-Oct	118	568
	Jakusko	26-Jun	3-Oct	85	503
	Karasuwa	3-Jul	30-Sep	74	513
	Machina	5-Jul	28-Sep	71	519
	Nangere	17-Jun	8-Oct	99	513
	Nguru	3-Jul	29-Sep	74	514

	Potiskum	15-Jun	9-Oct	102	517
	Tarmua	24-Jun	5-Oct	89	503
	Yunusari	7-Jul	28-Sep	69	523
	Yusufari	7-Jul	27-Sep	68	527
Zamfara	Anka	20-Jun	7-Oct	95	607
	Bakura	27-Jun	3-Oct	83	604
	Birnin Magaji	27-Jun	3-Oct	84	603
	Bukkuyum	19-Jun	7-Oct	96	608
	Bungudu	22-Jun	6-Oct	92	604
	Gummi	19-Jun	7-Oct	96	708
	Gusau	19-Jun	8-Oct	97	710
	Kaura Namoda	27-Jun	3-Oct	84	604
	Maradun	1-Jul	1-Oct	78	608
	Maru	16-Jun	9-Oct	102	717
	Shinkafi	4-Jul	29-Sep	72	616
	Talata Mafara	25-Jun	4-Oct	86	603
	Tsafe	18-Jun	8-Oct	97	610
	Zurmi	3-Jul	30-Sep	75	612



Nkọwa Okwu

1. **Nchịkọba mmiri ozuzo:** Ngụkọta oke mmiri ozuzo a nakọtara n'ime oge a kpọrọ aha, nke nwere ike ịdị mkpa mgbe a na-enyocha mmiri ozuzo tupu oge eruo na oke ya maka ntolite ihe ọkụkụ n'oge maọbụ njikwa mmiri.
2. **Ndozi:** Ịgbanwe usoro, omume, na atụmatụ ịjị belata adighi ike ma melite nkwaughachi ike na mmetụta ihuigwe ugbua maọbụ nke a tụtụrụ anya ya.
3. **Ozi ihuigwe gbasara Ugbo:** Ozi urukpu na ihuigwe nke, ya bụrụ na e tinyere ya na-eduzi ọrụ ugbo, na-eme ka mkpụrụ ịdị mma ma na-eme ka atụmatụ ịnagide nsogbu megide mmetụta ọjọọ nke ihe egwu metụtara ihuigwe na mpaghara.
4. **Ogo mmiri ozuzo kwa afọ:** mkpokọta oke mmiri ozuzo a hụrụ ma dekọọ n'ime afọ a kpọturụrụ aha.
5. **Ọgwụ nje:** Ọgwụ ndị a na-eji egbochi ma na-agwọ ọrịa nje site n'igbu nje maọbụ gbochie mbawanye ha.
6. **Antimicrobial Resistance (AMR):** Ike nke microorganisms (bacteria, virus, fungi, parasites) iguzogide mmetụta nke ọgwụ ndị na-agwọ ọrịa nke ọma.
7. **Akunaụba Mmiri:** Owuwe ihe ịdị ndụ n'ime mmiri (dịka, azụ, azụ azụ, ahịhịa mmiri) na gburugburu ebe a na-achikwa maka nri, nnyocha, maọbụ mweghachi.
8. **Ụbọchị nkwasị nke oge mmiri ozuzo -** ọ na-egosi njedebe nke oge na steeti ma na-eme mgbe ndinaya mmiri ịdị na mpaghara mgborogwu ala dara n'okpuru 20% a chọrọ maka itolite osisi na-enweghị mgbaba mmiri.
9. **Mgbanwe ihuigwe** na-arụtụ aka na mgbanwe nke ọnọdụ ihuigwe nke e nwere ike ịchọpụta (omụmaatụ, site n'iji nnyocha ndekọ ọnọgụgụ) site na mgbanwe nke pụtara na / maọbụ mgbanwe nke ihe onwunwe ya na nke na-adigide ruo ogologo oge, na-abụkarị ọtụtụ iri afọ maọbụ karịa. na mgbanwe eke na nke mmadụ kpatara na ihuigwe . O nwere ike bute mgbanwe n'ọnọdụ okpomọkụ, mmiri ozuzo, usoro ikuku, na ihe ndị ọzọ mebere usoro ihuigwe.
10. **Mgbagha ihuigwe** na-arụtụ aka na **mgbanwe ọnọdụ ihuigwe** nke na-eme n'obere ruo ogologo oge (omụmaatụ, site n'ọnwá ruo ọtụtụ iri afọ) ma usoro okike na ihe ịdị egwu kpatara ya. Ndịiche ndị a nwere ike ịkpata oge okpomọkụ **maọbụ oyi** , **mmiri mmiri maọbụ ọkọchi**, na mgbanwe ndị ọzọ n'ụdị ihuigwe.
11. **Ngwa Nkasiobi** bụ usoro a na-eji enyocha otú gburugburu ebe obibi si ịdị mma maka ahụike na ọrụ mmadụ . Ọ na-ejikọta ihe ịdị iche iche gburugburu ebe obibi ịdị ka **okpomọkụ**, **iru mmiri**, **na mgbe ụfọdụ ọsọ ifufe**, **na nchawapụta anyanwụ** ịjị nyochaa ịdịmma zuru ezu.
12. **Usoro Nkwado Mkpebi Maka Nnyefe Nkà Oru Ugbo (DSSAT):** bụ ihe nlereanya kọmputa zuru oke nke a na-eji maka imepụta ihe ọkụkụ na nnyocha ọrụ ugbo.
13. **Akpịrị ịkpọ nkụ:** bụ ọnọdụ na-eme mgbe ọtụtụ mmiri na-efunahụ n'anụahụ mmadụ karịa ka ọ na-ebute, na-ebute oke mmiri na electrolytes ezughị ezu maka ọrụ anụahụ kwesiri ịrụ.
14. **Ọpụpụ:** Ọ na-akọwa etu ọnọdụ ihuigwe ịdị ugbua si pụọ n'ọnọdụ ihuigwe a na-atụ anya maọbụ maka otu oge, ịdịka ọnwá, oge, maọbụ afọ.
15. **Afọ ọsịsa** nke a maara site **n'inyu nsị ugboro ugboro**, **nke na-adighi mma maọbụ nke mmiri mmiri** na-eme ugboro atọ maọbụ karịa kwa ụbọchị karịa ka o kwesiri ịdị.

16. **Ụkọ Mmiri:** Ogologo oge nke obere mmiri ozuzo maọbụ enweghị mmiri ozuzo na-eduga n'ụkọ mmiri, na-emetụta gburugburu ebe obibi, ọrụ ugbo na ọrụ mmadụ.
17. **Ọrụ ugbo n'oge ọkọchị** na-ekwu maka ịkọ ihe ọkọchị n'oge ọkọchị maọbụ mgbe mmiri ozuzo adighị.
18. **Ọkọchị:** Oge mmiri ozuzo pere mpe maọbụ enweghị mmiri n'ime otu oge, na-emekarị n'ihi akụkụ mgbagharị nke mgbada. Nke a nwere ike imetụta ntolite ihe ọkọchị na nnweta mmiri maka ọrụ ugbo.
19. **Usoro Ịdọ Aka Na Ntị N'Oge (EWS):** bụ usoro zuru oke e mebere iji nye ozi n'oge iji nyere aka belata ihe egwu na mmetụta ọdachi ekere dika oke ihuigwe, igwe ojii, maọbụ iheomume mmiri.
20. **Mpaghara Ebe Obibi:** Nke a na-akọwapụta mpaghara nwere ọnọdụ ihuigwe dị iche iche na gburugburu ebe obibi na-emetụta ụdị gburugburu ebe obibi n'ime ha .
21. **El Niño** bụ ihe na-eme n'ọnọdụ ihuigwe gbagwojuru anya site n'okpomọkụ dij n'elu oke osimiri n'ime etiti na ọwụwaanyanwụ nke Osimiri Pasifik, na-emetụta nke ọma usoro ihuigwe zuru ụwa ọnụ, mgbanwe ihuigwe na gburugburu ebe obibi.
22. **El Niño-Southern Oscillation (ENSO)** bụ ụkpụrụ ihuigwe na-anọchite anya mmekọrịta dij n'etiti oke osimiri na ikuku na Osimiri Pasifik . ENSO na-emetụta nke ọma ihuigwe na ihuigwe zuru ụwa ọnụ, na-eduga na mgbanwe dij iche iche na okpomọkụ, mmiri ozuzo, na usoro nchekasị ikuku gburugburu ụwa.
23. **ENSO-Nkịtị:** Oge mgbe okpomọkụ elu oke osimiri na ọnọdụ ikuku dij na Pasifik adighị egosị ndịiche a hụrụ anya site na nha, na-ebute ọdịdị ihuigwe nkịtị.
24. **Iheomume Oke Mmiri Ozuzo:** Iheomume ihuigwe ebe mmiri ozuzo gafere nha kwa afọ maọbụ kwa ụbọchị n'ime obere oge, na-ebutekarị ide mmiri.
25. **Oke Ihuigwe** na-akọwapụta ọnọdụ ihuigwe na-adighị ahụkebe, nke siri ike, maọbụ nke na-adighị mma nke na-adapụ nke ọma na ihuigwe nke mpaghara. Ihe e ji mara ihe omume ihuigwe jọgburu onwe ya site n'ịdị ike, ogologo oge na mmetụta ha na ndụ mmadụ, gburugburu ebe obibi na akurungwa.
26. **Oke Ide Mmiri** bụ oke mmiri na mberede nke nwere ike imikpu ebe ngwa ngwa, nke na-esitekarị na mpaghara, oke mmiri ozuzo n'ime obere oge, maọbụ site na mwepụta mmiri site n'ọwa mmiri na mberede.
27. **Okpomọkụ Zuru Ụwa Ọnụ** na-akọ maka mmụba ogologo oge na nha okpomọkụ dij n'ụwa n'ihi ọrụ mmadụ, nke bụ isi ihe na-esi na ikuku griin ha dij ka carbon dioxide (CO2), methane (CH4), na nitrous oxide (N2O).
28. **Mmetụta Greenhouse:** na-ekwu maka usoro okike nke ikuku ụwa si ejide ụfọdụ ikike sitere n'anyanwụ, na-ekpo ọkụ na mbara ala ma mee ka ọ dij mma maka ndụ.
29. **Ụgụrụ:** Oyi, kpọrọ nkụ, uzuzu ntụ, ifufe ugwu-ọwụwaanyanwụ sitere na Sahara na-achị n'oge oyi gburugburu ọdịdaanyanwụ Afrika.
30. **Nchegbu Okpomọkụ** na-eme mgbe ahụ mmadụ enweghị ike ijụ onwe ya oyi nke ọma ma nọgide na-enwe okpomọkụ dij mma n'ihi oke okpomọkụ.
31. **Okpomọkụ strok** bụ ihe mberede ahụike siri ike nke na-esite na ogologo oge n'oke okpomọkụ, ebe ahụ anaghị ahazi ọnọdụ okpomọkụ ya, nke nwere ike ibute mmebi dij egwu nke akụkụ ahụ, akpịrị ịkpọ nkụ, na ọbuna ọnwụ ma ọ bụrụ na agwọghị ya.
32. **Okpomọkụ Ebili Mmiri:** a na-akọwakarị dika ogologo oge nke oke okpomọkụ dij elu, na-enwekarị iru mmiri dij elu .
33. **Oke Mmiri Ozuzo Siri Ike:** Mmiri ozuzo nke e ji oke mmiri ozuzo mara, na-adikarị karịa awa 10, ma nwee ike iso ya na ifufe siri ike karịa 20 knots.
34. **Ike Hydroelectric:** Ọkụ eletrik na-emepụta site n'ijikwa ike kinetic na ike nke ịkwaga maọbụ daa mmiri, na-ejikarị turbines na generators.
35. **Intergovernmental Panel on Climate Change (IPCC) :** Otu mba ụwa nke United Nations na World Meteorological Organisation (WMO) hiwere iji nyochaa sayensị metụtara mgbanwe ihuigwe, mmetụta ya, yana ime mgbanwe na atụmatụ mbelata.
36. **Indian Ocean Dipole (IOD):** bụ iheomume ihuigwe nke e ji ndịiche dij n'okpomọkụ oke osimiri (SSTs) n'etiti akụkụ ọdịdaanyanwụ na ọwụwaanyanwụ nke oke osimiri equatorial India.

37. **Ụdị Mmiri Ozuzo N'Ime Oge** na-arụtụ aka na ndjiche dị na nkesa mmiri ozuzo na ike na-eme n'ime otu oge.
38. **La Niña** dịka usoro ihuigwe nke njirimara ya bụ iju oyi nke okpomokụ oke osimiri n'etiti nakwa ọwụwaanyanwụ nke oke osimiri Pasifik.
39. **Ogologo Oge Mmiri Ozuzo:** Onyogugụ nke ụbọchị n'etiti mmalite na nkwasị nke oge mmiri ozuzo
40. **Madden-Julian Oscillation (MJO):** Onyeisi ihe mbute nke mgbanwe etiti-oge na oke okpomokụ, nke e ji ebili mmiri na-aga n'ebe ọwụwaanyanwụ nke nkwalite na ekpochapụ (mmiri ozuzo) na-aga gburugburu ụwa n'akụkụ equator ihe karịrị ụbọchị 30 ruo 60.
41. **Menejaịtis:** bụ ọnọdụ nkolite nke meninges, mkpuchi nchekwa na-ekpuchi ụburụ na ọkpụkpụ azụ. E nwere ike bute ya site na nje, viral, fungal, maọbụ nje, yana ihe ndị na-adighị efe efe dịka ọgwụ ụfọdụ maọbụ ọrịa. A na-ele menejaịtis, karịsịa cerebrospinal menejaịtis, dịka ọrịa na-enwe mmetụta ihuigwe.
42. **Mbelata:** Omume iji belata ọnwegọ maọbụ oke mgbanwe ihuigwe site n'ikwasị ikuku greenhouse maọbụ kwalite mmeputa kabon.
43. **Njikwa** na-ekwu maka mgbanwe maọbụ ihe nwere ike imetụta maọbụ gbanwee ọnọdụ ikuku na usoro ihuigwe.
44. **Moonson :** Usoro oge oke ikuku buru ibu nke e ji mgbanwe nke ntuziaka ifufe na-emeri, na-enwekarị mgbanwe dị ukwu na mmiri ozuzo.
45. **Ifufe Ugwu Ọwụwaanyanwụ:** bụ ifufe si n'ebe ugwu ọwụwaanyanwụ na-efega na ndịda ọdịdaanyanwụ.
46. **Nkịtị:** Okwu na-akọwa maka oge ebe a na-atunyere oke ihuigwe n'otu oge n'usoro ọkọlọtọ, ihe dịka afọ 30. E nwere ike ikpọ ya nha ogologo oge maọbụ ụkpurụ ihuigwe.
47. **Nọdebe Nkịtị :** ọnọdụ ebe otu mgbanwe ihuigwe (dịka okpomokụ, mmiri ozuzo, maọbụ ikuku) na-adaba n'ime oke dị nso na nha ogologo oge maka ọnọdụ ahụ na oge.
48. **Mgbaama Nkịtị:** ọnọdụ nke na-egosị na ọ bughị mmụba maọbụ mbelata na paramita a na-ahụ.
49. **Ụbọchị mmalite nke oge mmiri ozuzo:** bụ ụbọchị nke mmiri dị na mpaghara mgbọrọgwụ na mmalite nke oge ikụ mkpuru ruru 50%.
50. **Pathogen:** bụ microorganism (dịka nje bacteria, nje, fungi, maọbụ nje) nke nwere ike ibute ọrịa n'osisi, anụmanụ, maọbụ ihe ọkụkụ.
51. **Mmiri Ozuzo Tupu Oge:** Okwu a na-akọwa na mmiri ozuzo na-eme tupu mmalite nke oge mmiri ozuzo maọbụ oge udummiri. Ha na-aditekarị aka obere oge ma nwee ike jibia n'ihu mbanye oge nke ndị na-eme mgbanwe okpomokụ
52. **Ngwaahịa Na-Emebi Emebi:** Ngwaahịa a na-akọ ugbo nwere obere ndụ nwere ike ire ure maọbụ mebie ngwa ngwa ma ya buru na e chekwaghị ya maọbụ e jikwaghị ya nke ọma. Ọmụmaatụ gụnyere mkpuruosisi, akwụkwonri, ngwaahịa mmiri ara ehi, anụ, na nri enwetara na mmiri.
53. **Ndachapụ Mmiri Ozuzo:** Mgbanwe nke mmiri ozuzo a huru site na nha ogologo oge maọbụ uru a turye anya n'oge a kpọrọ aha.
54. **Ike Mmepụtagharị:** Ike sitere n'isi mmalite okike dịka anyanwụ, ikuku na mmiri, nke na-emepụta obere ikuku greenhouse.
55. **Ikpa Anụ:** Ụdị anụ ụlọ pụrụ iche nke nwere ike igaghari na itagharị nri ya iji nyere aka na mgbari nri site n'afọ ya nwere ọnụlọ anọ.
56. **Sustainable Development Goals (SDG):** Nchikọta ebumnuche 17 zuru ụwa ọny nke United Nations guzobere na 2015 dịka akụkụ Ebumnobi nke 2030 maka Sustainable Development.
57. **Sea Surface Temperature Anomaly (SSTA):** Ndjiche dị n'etiti SST a huru anya na nha SST maka otu oge (usoro ntọala maọbụ climatology). Ndjiche dị mma na-egosị ọnọdụ ọkụ karịa nha, ebe ndachapụ na-adighị mma na-egosị ọnọdụ oyi karịa nha.
58. **Amụma Oge Ihuigwe:** Usoro ibu amụma mgbanwe ihuigwe (dịka okpomokụ, mmiri ozuzo, na ụkọ mmiri ozuzo) n'ime oge izu ruo ọnwá (na-abụkarị ọnwá 1-12) n'ihu, na-elekwasị anya n'oge na-abia abia.
59. **Amụma Nke Oge:** Amụma ndị e mere maka oge a kpọrọ aha dabere na data ihuigwe, gụnyere mkpokọta mmiri ozuzo na amụma nkesa.
60. **Mmiri Ozuzo Dị Mkpumkpụ** dịka mmiri ozuzo nke na-eme n'ime obere oge, nke na-erughị otu awa.

61. **Njikọ Mgbasaozi:** nnukwu, mmekọrịta ihuiḡwe dị ogologo na-eme n'etiti mpaghara dị iche iche nke ụwa. Mmekọrịta ndị a dị mkpa maka ighọta ka usoro ihuiḡwe n'otu akụkụ nke ụwa nwere ike isi metụta ihuiḡwe na mpaghara ndị ọzọ, na-adịkarị anya.
62. **Na-Ekpo Ọkụ-Karịa-Nkịtị** na-ekwu maka oge nke nha okpomọkụ dị elu karịa ntọala maọbụ uru ntụaka maka mpaghara kpomkwem na oge nke afọ. A na-akọwakarị usoro ntọala dabere na afọ 30 (dịka omụmaatụ, 1991-2020) ma jiri ya nyochaa usoro ihuiḡwe ogologo oge.
63. **Ifufe Shea** na-arutụ aka na mgbanwe dị n'ọsọ ifufe na/maọbụ ntụzịaka n'ebe dị anya n'ikuku. O nwere ike ime n'akụkụ kwụ ọtọ na nke tọgborọ atọgbọ ma bụrụ ihe dị mkpa na nchekwa ihuiḡwe nakwa nchekwa ụgbọelu.

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