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Agrometeorological Bulletin No.18, Dekad 3, June (21 – 30) 2017
GMET/AGROMET/230617 ***FORM 910***

SUMMARY:

The third dekad of agrometeorological bulletin of June, 2017 is presented in this edition. Most parts of the country recorded significant rainfall amounts. Akim Oda recording the highest amount of rainfall for the third dekad received 231.6mm of rain. Rainfall distribution across the country was good (1-8 rainy days). Every part of the country received rainfall. Most parts of the country experienced surplus rainfall anomaly and as compared to the previous dekad no deficit was recorded. The temperature was fair across the country and the highest maximum temperature was observed at Navrongo (31.7 °C) while the mean minimum temperature across the country was recorded at Abetifi (21.1°C).

1.0 RAINFALL TRENDS

1.2 Number of Rainy Days

1.1 Rainfall Amount

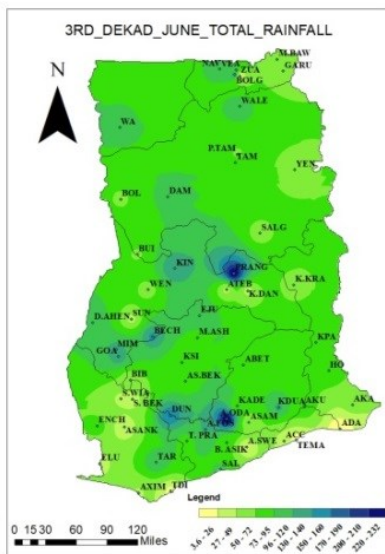


Fig 2: Rainfall Amount

Fig 2 reveals the rainfall received across the country and shows that most parts of the country recorded between 27mm to 120mm of rain. The highest amount of rainfall was recorded at Akim Oda with a rainfall amount of 231.6mm. Generally, rainfall was distributed fairly in the entire country.

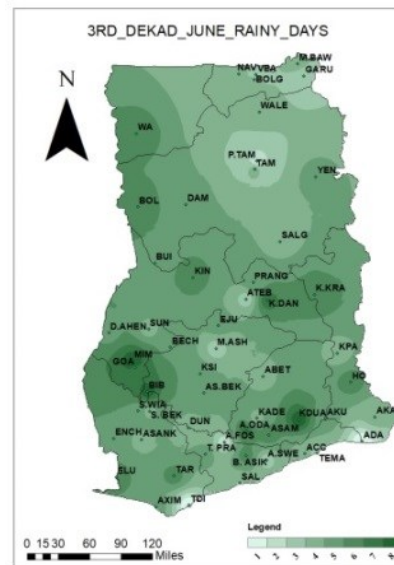


Fig 3: Rainy Days

The distribution of rainfall across the country is shown in **Fig 3** and revealed that Takoradi and Ada received 1 rainy day. Kwame Danso, Akim Oda and Goaso recorded 7 days of rainfall. Koforidua, Mim and Bibiani recorded 8 days of rainfall being the highest number of days of rainfall. Most parts of the country received a fair number of rainy days.

Generally rainfall distribution highly favoured crop yield especially rain-fed agricultural crops.

1.3 Rainfall Anomaly

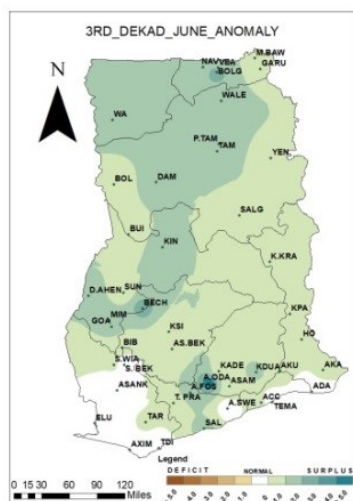


Fig 1: Rainfall Anomaly

The rainfall anomaly during the 3rd dekad indicates that surplus rainfall anomaly was recorded in most parts of the country. No deficit was recorded. Stations such as Ada, Elubo, Sefwi-Bekwai, Asankragua, Axim, Takoradi, Agona Swedru and Tema remained normal.

2.0 TEMPERATURE TRENDS

2.1 Mean Maximum Temperature

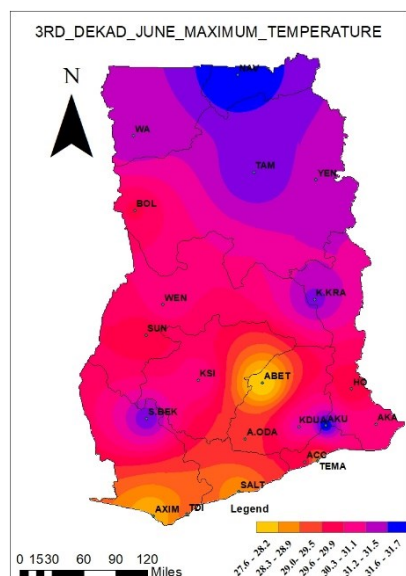


Fig 4: Maximum Temperature

Fig 4 reveals Abetifi recording the lowest maximum temperature of 27.6°C while

Navrongo recording the highest maximum temperature of 31.7°C.

2.2 Mean Minimum Temperature

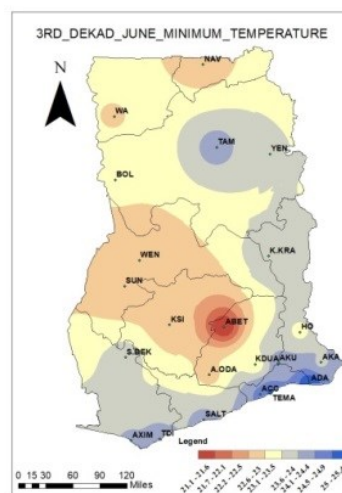


Fig 5: Minimum Temperature

Fig 5 shows Abetifi recording the lowest minimum temperature of 21.1°C while Ada recorded the highest with a minimum temperature of 25.4°C.

2.3 Temperature Distribution

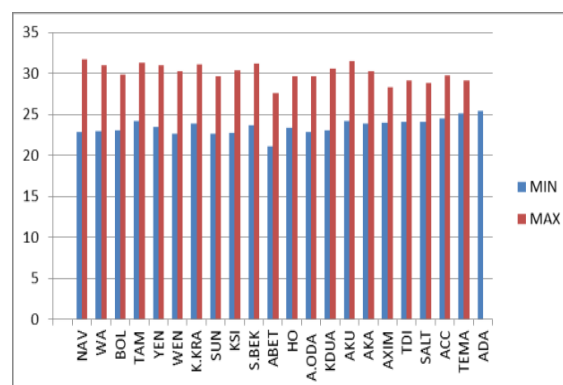


Fig 6: Temperature Distribution

Fig 6 showed the temperature distribution across the country and reveals the highest temperature recorded at Navrongo and the lowest at Abetifi.

3.0 Weather/ Agricultural Outlook for 3rd dekad (21-30), June 2017.

3.1 Weather Outlook

The Inter-Tropical Boundary (ITB) is expected to range between 17.0°N to 19.0°N.

The atmosphere over the country will realize moisture influx extending over the entire country. Scattered rains will be expected at the coast with stagnating

developments of rain. Scattered thunderstorms and rain are expected over the middle and Northern Ghana of moderate intensity

TABLE OF STATIONS

ABBREVIATION	STATION
A. FOSU	Assin Fosu
A. ODA	Akim Oda
A. SWE	Agona Swedru
ABET	Abetifi
ACC	Accra
ADA	Ada
AKATSI	Akatsi
AS. BEK	Ashanti Bekwai
ASAM	Asamanke se
ASANKRA	Asankragua
ATEB	Atebubu
AXIM	Axim
BECH	Bechem
BIBIA	Bibiani
BOLE	Bole
BOLG	Bolgatanga
BUI	Bui

D. AHEN	Dormaa Ahenkro
DAM	Damango
DUNK	Dunkwa
EJURA	Ejura
ELUB	Elubo
GARU	Garu
GOA	Goaso
HO	Ho
K. DANSO	Kwame Danso
K. KRA	Kete-Krachi
KADE	Kade
KDUA	Koforidua
KINT	Kintampo
KPAN	Kpando
KSI	Kumasi
M. ASH	Mampong Ashanti
M. BAW	Manga Bawku
MIM	Mim
NAV	Navrongo

NKORA	Nkoranza
P. TAM	Pong Tamale
PRANG	Prang
S. BEK	Sefwi Bekwai
S. WIA	Sefwi Wiawso
SAL	Saltpond
SALG	Salaga
SUN	Sunyani
T. PRASO	Twifo Praso
TAM	Tamale
TAR	Tarkwa
TDI	Takoradi
TEMA	Tema
VEA	Vea Dam
WA	Wa
WALE	Wale Wale
WEN	Wenchi
YEN	Yendi
ZUA	Zuarungu

Kindly send feedback to:
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