

GHANA METEOROLOGICAL AGENCY



SUMMARY

- In this dekad, the entire country recorded significant rainfall amounts. **Mim**, in the Forest zone of the country, recorded the highest rainfall accumulation of 228.5mm whereas **Dunkwa** recorded 2.4mm as the lowest rainfall accumulation.
Generally, the country recorded significant rainfall surpluses when compared to the dekadal climatology (1991-2020), except for **Dunkwa, Kade, Bole, Sefwi Bekwai, Axim, Wa, Kintampo, Takoradi, Akim Oda, Babile** and their environs which recorded rainfall deficits.
- **Tamale** and **Navrongo** recorded 31.7°C, the highest average maximum temperature for the dekad, whereas **Abetifi** and its environs recorded 27.1°C, the lowest average maximum temperature across the entire country.
The entire country recorded warmer average daytime temperatures with the exception of **Akatsi, Takoradi, Akuse, Kete-Krachi, Accra, Ho, Koforidua, Abetifi** and their environs which recorded cooler average daytime temperatures.
- For average minimum temperatures for the country, **Abetifi** and its environs recorded 20.4°C as the lowest whereas **Ada** and its environs recorded 25.1°C as the highest average minimum temperature.
Generally, the country recorded warmer average night-time temperatures with the exception of **Navrongo, Takoradi** and their environs which recorded cooler average night-time temperature as compared to their climatological means (1991-2020).
- The country recorded evapotranspiration rates between 1.0 – 5.0mm/day. **Akim Oda, Koforidua** and their environs recorded the lowest evapotranspiration rates ranging from 1.2-1.5mm/day whereas **Babile, Navrongo, Ve, Wa** and **Bole** recorded highest evapotranspiration rates ranging from 4.1 – 4.3mm/day across the dekad.
- The country recorded soil moisture content ranging from 60.1 – 70.0%. **Tema, Ada** and their environs recorded lowest soil moisture content ranging from 25.1% – 35% for the dekad.
- In the next dekad, the country is expected to experience above normal rainfall with the exception of the Western, Central, Greater Accra, Western North and some portions in Bono, Ahafo, Ashanti, Eastern and Volta regions are expected to experience below normal rainfall.
- Generally, the country is expected to experience below normal temperatures except for places in the Savannah, Bono and Bono East regions are expected to experience above normal temperatures.

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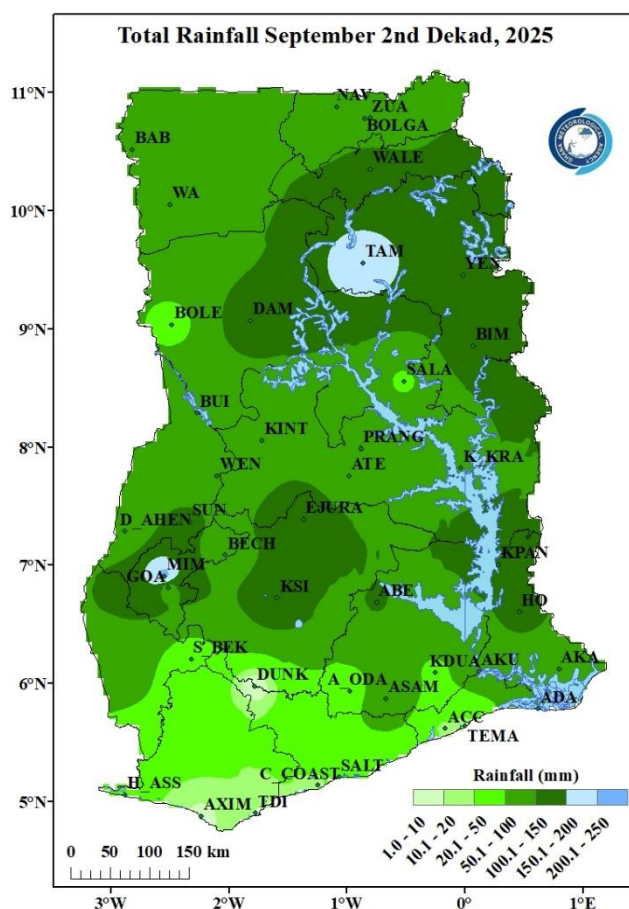
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1.0 CLIMATIC ASSESSMENT (SEPTEMBER 2ND DEKAD 2025)

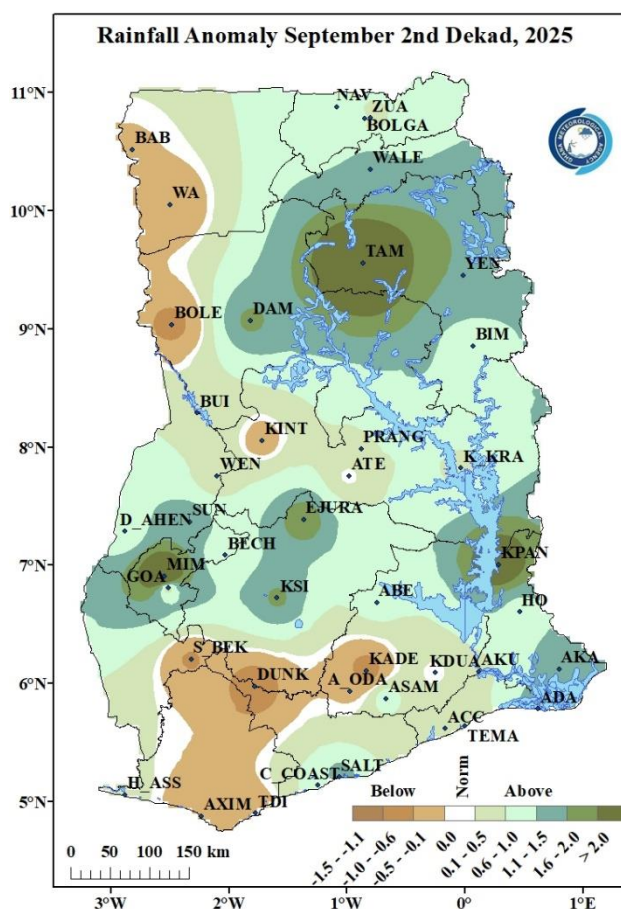
1.1 RAINFALL AMOUNT

In this dekad, the entire country recorded significant rainfall amounts. Mim, in the Forest zone of the country, recorded the highest rainfall accumulation of 228.5mm whereas Dunkwa recorded 2.4mm as the lowest rainfall accumulation. In the Northern sector of Ghana, Tamale recorded 189.5mm, as the highest amount of rainfall. Along the Coast, Ada recorded the highest amount of rainfall of 62.9mm across the 2nd dekad of September.

Generally, the country recorded significant rainfall surpluses when compared to the dekadal climatology (1991-2020), except for Dunkwa, Kade, Bole, Sefwi Bekwai, Axim, Wa, Kintampo, Takoradi, Akim Oda, Babile and their environs which recorded rainfall deficits. Atebubu, Koforidua and their environs recorded normal conditions.



Map 1: Total Rainfall Map.

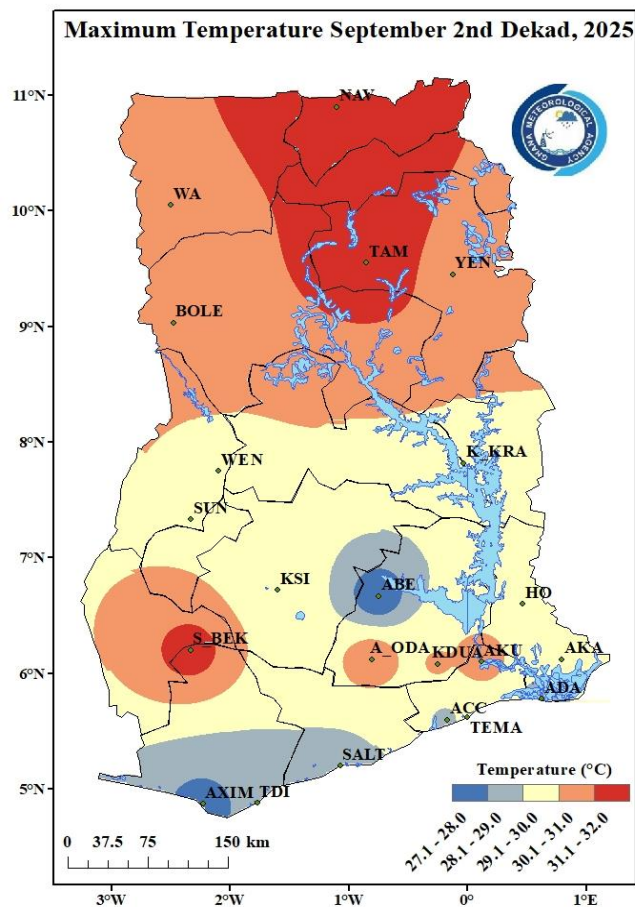


Map 2: Rainfall Anomaly Map

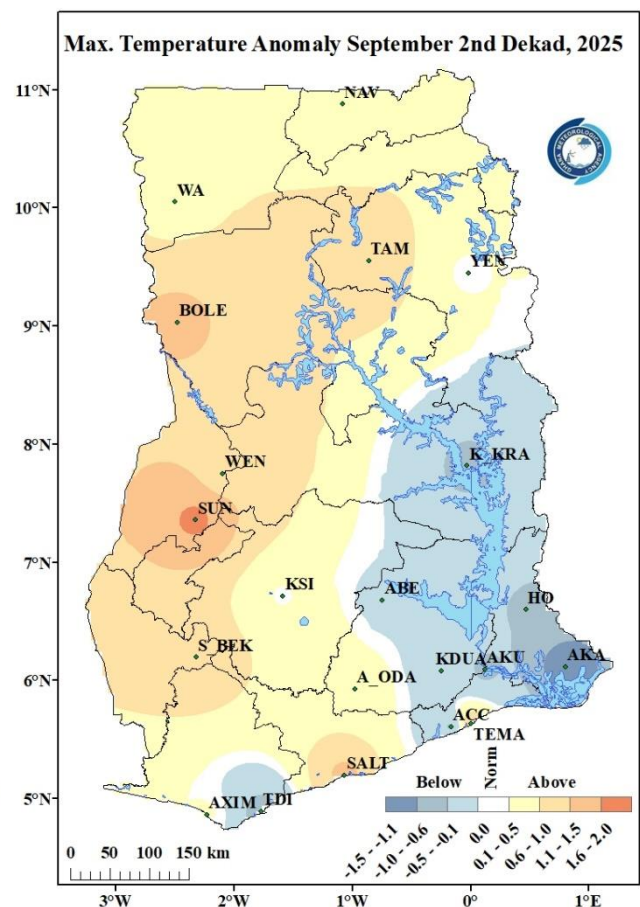
1.2 MAXIMUM TEMPERATURE

Tamale and Navrongo recorded 31.7°C, the highest average maximum temperature for the dekad, whereas Abetifi and its environs recorded 27.1°C, the lowest average maximum temperature across the entire country. Kete-Krachi recorded 29.8°C as the highest in the Transition zone. However, in the Forest zone, Sefwi Bekwai recorded 31.5°C as the highest average maximum temperature, with Koforidua recording 30.1°C. Along the Coast, Akatsi, Tema, Accra and Ada recorded 29.3°C, 29.2°C, 28.8°C and 28.6°C respectively.

The entire country recorded warmer average daytime temperatures with the exception of Akatsi, Takoradi, Akuse, Kete-Krachi, Accra, Ho, Koforidua, Abetifi and their environs which recorded cooler average daytime temperature as compared to their climatological means (1991-2020).



Map 3: Maximum Temperature Map.

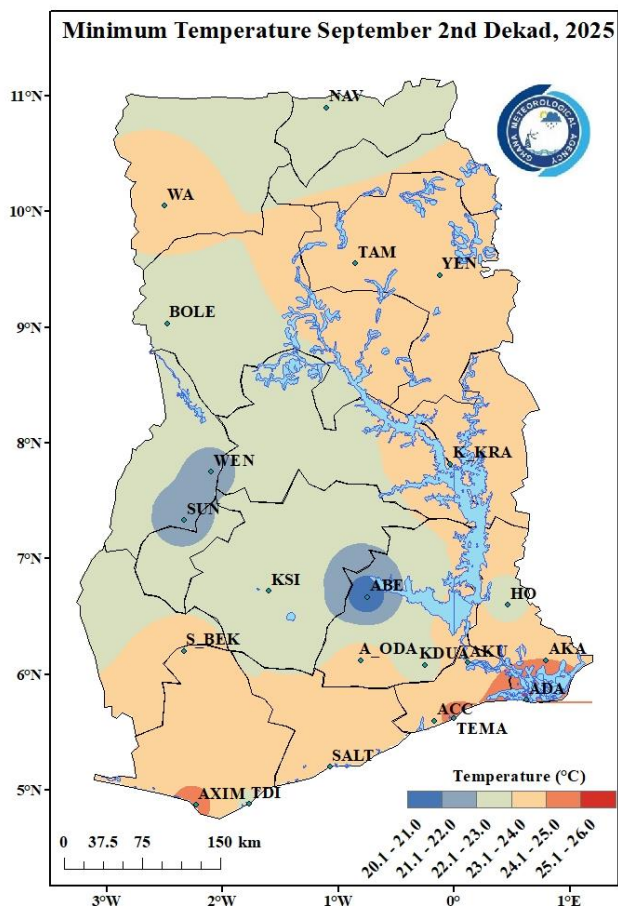


Map 4: Maximum Temperature Anomaly Map.

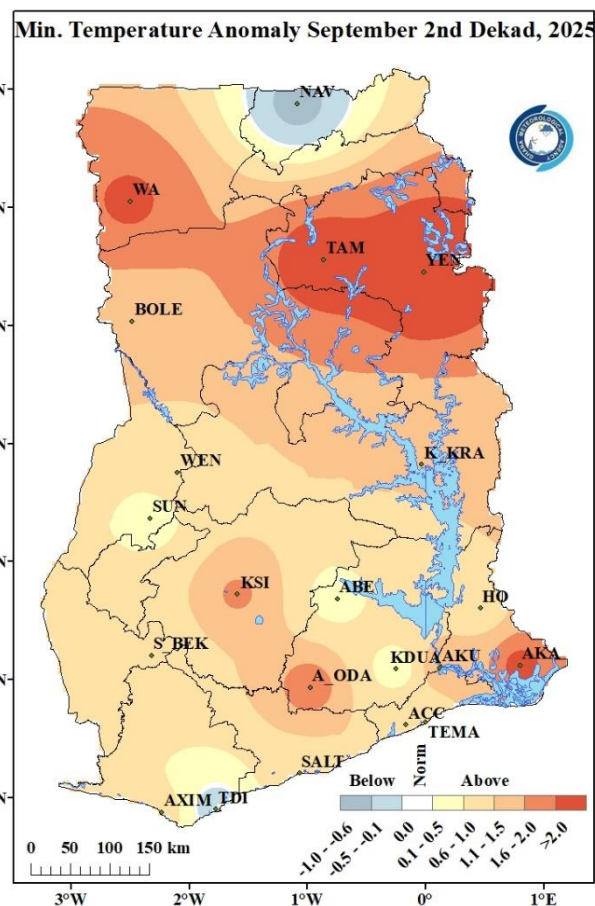
1.3 MINIMUM TEMPERATURE

The country recorded average minimum temperatures between 20.0°C to 26.0°C. Abetifi and its environs recorded 20.4°C as the lowest average minimum temperature whereas Ada and its environs recorded 25.1°C as the highest average minimum temperature across the entire country. In the Northern sector, Yendi and Tamale recorded 23.6°C as the highest within the sector. Kete-Krachi recorded 23.8°C, the highest within the Transition zone. Tema, and Axim recorded 24.3°C and 24.2°C respectively along the Coast.

The entire country recorded warmer average night-time temperatures with the exception of Navrongo, Takoradi and their environs which recorded cooler average night-time temperature as compared to their climatological means (1991-2020).



Map 5: Minimum Temperature Map.

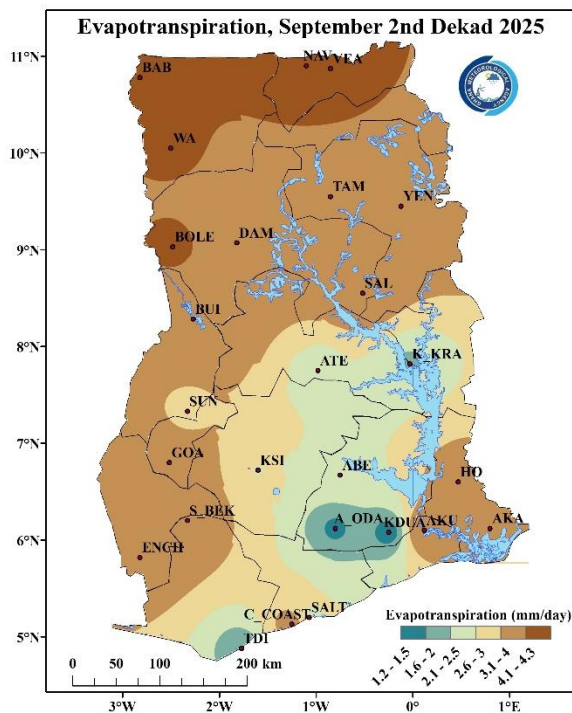


Map 6: Minimum Temperature Anomaly Map.

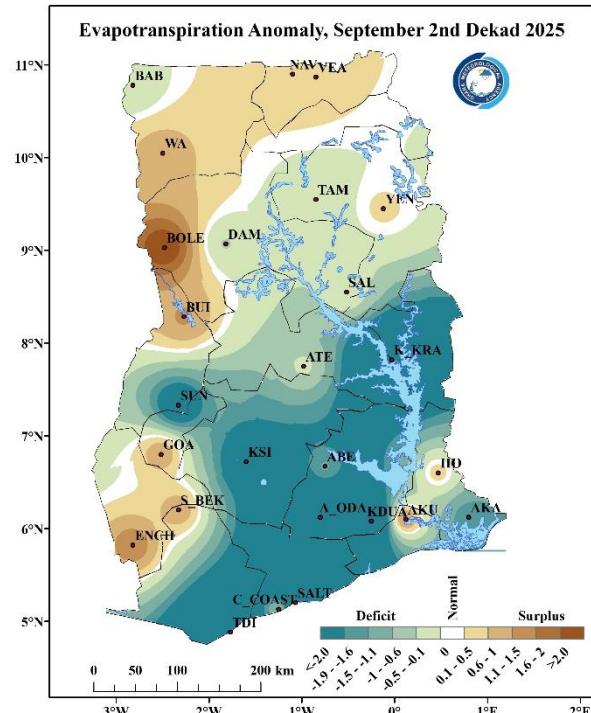
1.4 EVAPOTRANSPIRATION

The country recorded evapotranspiration rates between 1.0 – 5.0mm/day. Akim Oda, Koforidua and their environs recorded lowest evapotranspiration rates ranging from 1.2 – 1.5mm/day whereas Babile, Navrongo, Ve, Wa and Bole recorded highest evapotranspiration rates ranging from 4.1 – 4.3mm/day across the dekad.

Most parts of the country experienced negative anomalies, indicating a lower rate of evapotranspiration. However, Navrongo, Ve, Wa, Bole, Bui, Yendi, Goaso, Sefwi Bekwai, Enchi and their environs were the most noticeable places to have recorded higher rates of evapotranspiration when compared to their climatological means (1991-2020).



Map 7: Evapotranspiration Map.



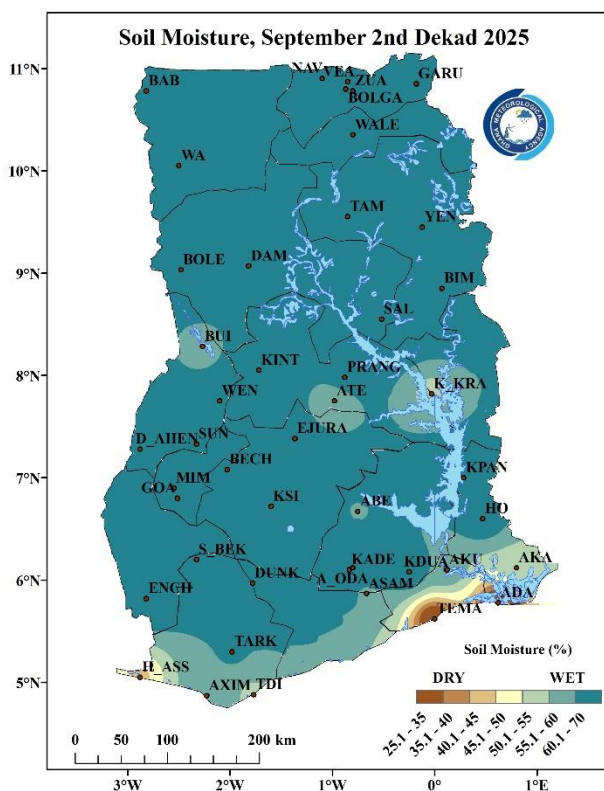
Map 8: Evapotranspiration Anomaly Map.

1.5 SOIL MOISTURE

Generally, the country recorded soil moisture content ranging from 60.1 – 70.0%. Tema and Ada recorded lowest soil moisture content ranging from 25.1% – 35% for the dekad.

Kete-Krachi, Atebubu, Bui, Abetifi, Akuse, and Asamankese in the Transition and Forest zones recorded soil moisture content ranging 50.1% – 55%.

Half Assini and its environs in the west coast recorded soil moisture ranging from 40.1% - 45%.



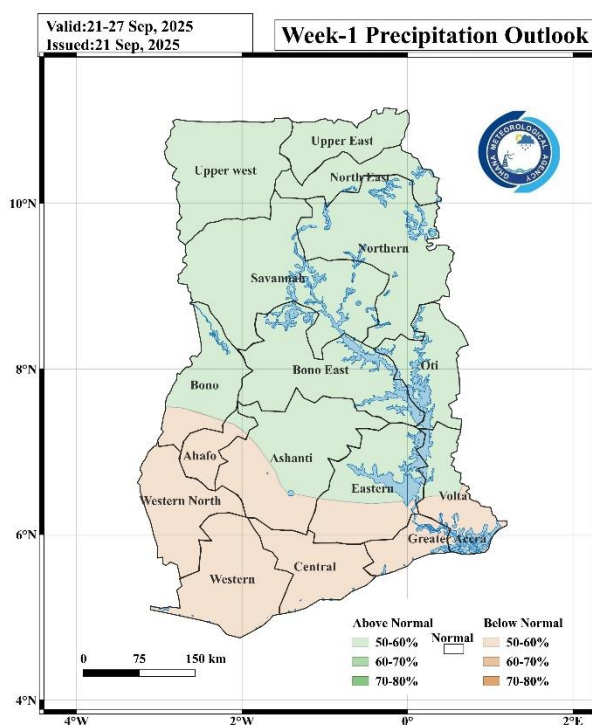
Map 9: Soil Moisture Map.

2.0 RAINFALL AND TEMPERATURE OUTLOOK FOR SEPTEMBER 3RD DEKAD 2025

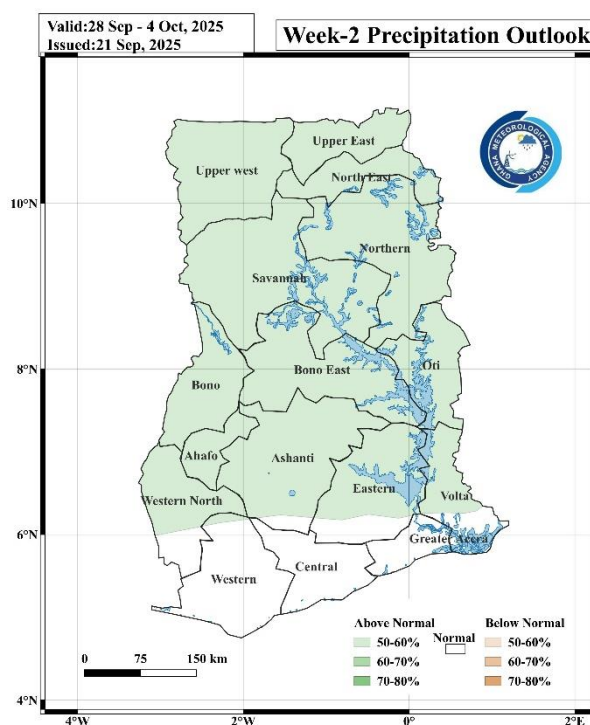
2.1 RAINFALL OUTLOOK

Week 1: Generally, the country is expected to experience above normal rainfall with the exception of the Western, Central, Greater Accra, Western North and some portions in Bono, Ahafo, Ashanti, Eastern and Volta regions are expected to experience below normal rainfall.

Week 2: The country is expected to experience above normal rainfall with the exception of areas along the coast and north of the coast, which are likely to experience normal conditions.



Map 10: Rainfall Outlook for Week 1.



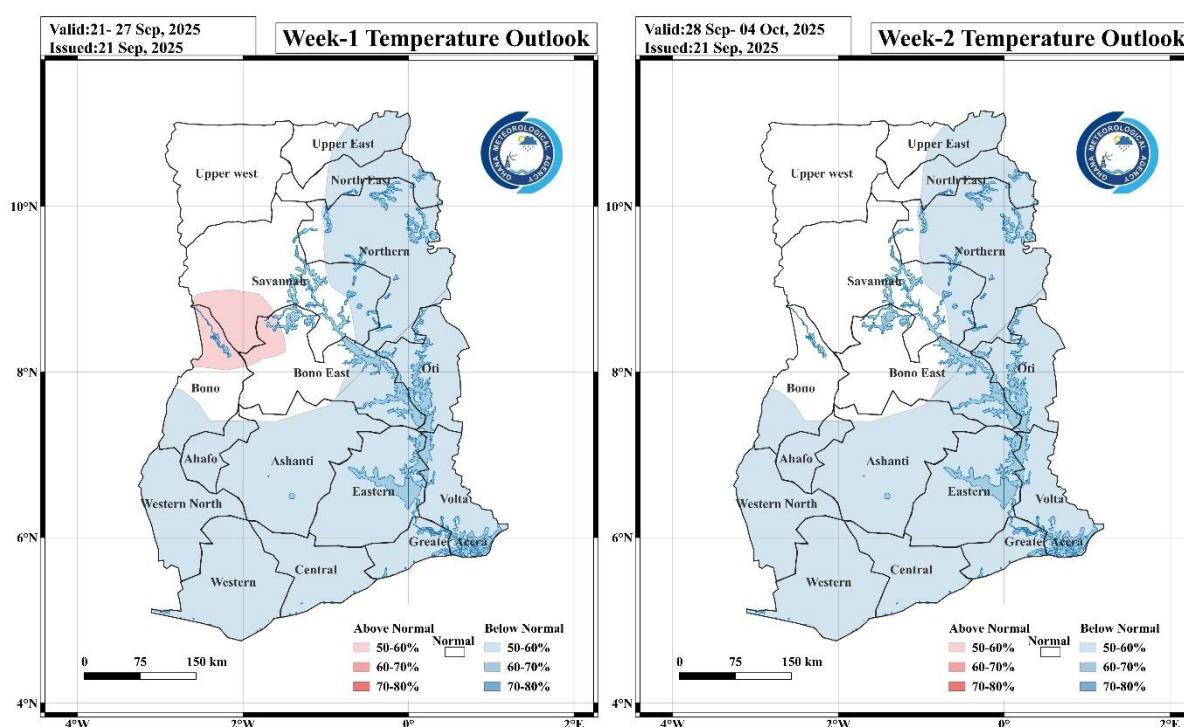
Map 11: Rainfall Outlook for Week 2.

2.2 TEMPERATURE OUTLOOK

Week 1: The country is expected to experience below normal temperatures except for places in the Upper West, Upper East, North East, Northern, Savannah, Bono East, and Bono which are expected to record normal conditions.

Places in the Savannah, Bono and Bono East regions are expected to experience above normal temperatures.

Week 2: Generally, the entire country is expected to record below normal temperatures with the exception of areas in the Upper West, Upper East, North East, Northern, Savannah, Bono East, and Bono regions which are expected to record normal temperatures.



Map 12: Temperature Outlook for Week 1.

Map 13: Temperature Outlook for Week 2.

3.0 APPENDIX

TABLE OF STATIONS

STATION	ABBREVIATION	STATION	ABBREVIATION	STATION	ABBREVIATION
ABETIFI	ABE	DUNKWA	DUNK	OTI	OTI
ACCRA	ACC	ELUBO	ELUBO	PRANG	PRANG
ADA	ADA	EJURA	EJURA	PRESTEA	PRES
AKATSI	AKA	ENCHI	ENCHI	PONG TAMALE	P_TAM
AKIM ODA	A_ODA	GARU	GARU	SALAGA	SAL
AKUSE	AKU	GOASO	GOA	SALTPOND	SALT
ASAMANKESE	ASAM	HALF ASSINI	H_ASS	SEFWI BEKWAI	S_BEK
ASSIN FOSU	A_FOSU	HO	HO	SUNYANI	SUN
ATEBUBU	ATE	HWIDIEM	HWI	TAKORADI	TDI
AWUDOME	AWU	HUNI VALLEY	H_VAL	TAMALE	TAM
AXIM	AXIM	KADE	KADE	TARKWA	TARK
BABILE	BAB	KETE KRACHI	K_KRA	TEMA	TEMA
BECHEM	BECH	KINTAMPO	KINT	TECHIMAN	TECH
BIMBILA	BIM	KOFORIDUA	KDUA	VEA	VEA
BOLE	BOLE	KONONGO	KON	WA	WA
BOLGATANGA	BOLGA	KPANDO	KPAN	WALEWALE	WALE
BUI	BUI	KUMASI	KSI	WENCHI	WEN
CAPE COAST	C_COAST	MANKRANSO	MANK	WINNEBA	WIN
DAMONGO	DAM	MIM	MIM	YENDI	YEN
DOMPOASE	DOM	NAVRONGO	NAV	ZUARUNGU	ZUA
DORMAA AHENKRO	D_AHEN	OBUASI	OBU		

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