

GHANA METEOROLOGICAL AGENCY



SUMMARY

- Rains were recorded across all the stations in the country. **Wenchi**, in the Transition zone, recorded the highest rainfall of 202.1mm, whereas **Ada** recorded 8.6mm as the lowest rainfall accumulation within the dekad. Generally, the country recorded significant rainfall surpluses when compared to the dekad climatology (1991-2020), except for areas in and around **Bolgatanga, Salaga, Atebubu, Abetifi, Dunkwa, Half Assini, Saltpond, Tema** and **Koforidua** which recorded rainfall deficits.
- **Tamale** and its environs recorded 32.2°C, the highest average maximum temperature for the dekad whereas **Abetifi** and its environs recorded 27.0°C, the lowest average maximum temperature across the entire country. **Navrongo, Yendi, Wenchi, Kumasi, Ho, Koforidua** together with their environs recorded cooler average day-time temperatures whereas places such as **Wa, Bole, Tamale, Kete-Krachi, Sunyani, Axim, Accra** and their environs recorded warmer day-time temperatures as compared to their climatological means (1991-2020).
- **Abetifi** and its environs recorded 20.7°C as the lowest average minimum temperature whereas **Ada** and its environs recorded 25.7°C as the highest average minimum temperature. The entire country experienced warmer night-time temperatures as compared to their climatological means (1991-2020) with the most noticeable stations been **Wa, Bole, Tamale, Wenchi Kumasi, Akatsi** together with their environs.
- The country recorded evapotranspiration rates between 1.1 – 4.6mm/day. **Babile** recorded evapotranspiration rate of 4.6mm/day, the highest across the dekad. **Koforidua** recorded the lowest evapotranspiration rate of 1.1mm/day.
- Most parts of the country recorded soil moisture content ranging from 55.1 - 70.0%. **Accra** and **Tema** both recorded 25.7%, the lowest soil moisture content for the dekad while **Babile** recorded 71.7% as the highest soil moisture content across the country.

In the next dekad,

- Most areas of the country are expected to experience above-normal rainfall. However, the extreme northern parts (notably the Upper West and Upper East Regions), along with sections of the southwestern portion of the country, are likely to record below-normal rainfall during the week.
- The South-western portions of the country together with the west coast and most parts of the Northern sector are expected to record below normal temperatures. Areas around Bono and Bono East are likely to record above normal temperatures with the rest of the country recording normal temperatures.

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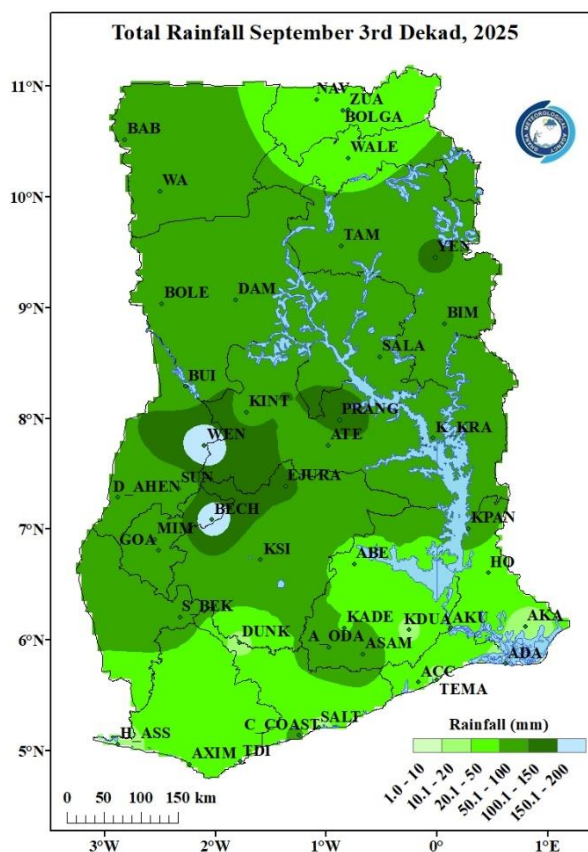
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1.0 CLIMATIC ASSESSMENT (SEPTEMBER 3RD DEKAD 2025)

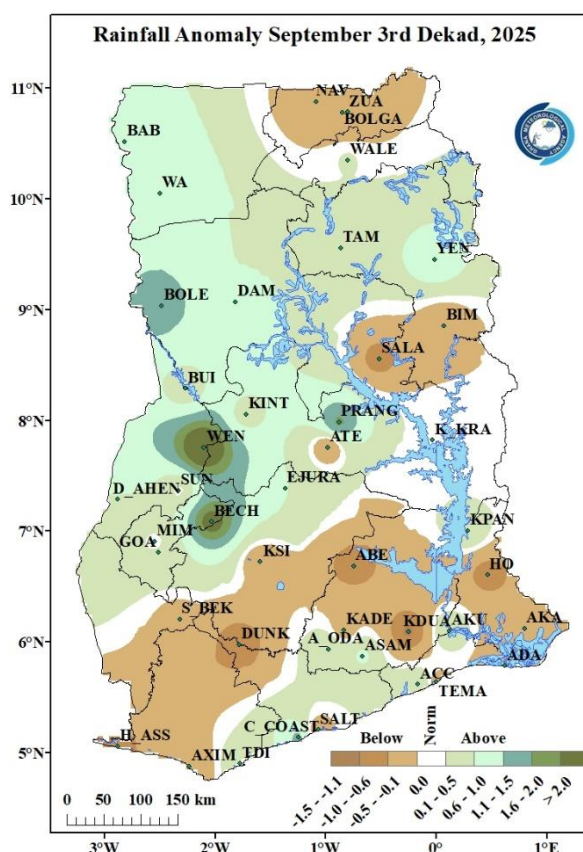
1.1 RAINFALL AMOUNT

Rains were recorded across all the stations in the country. Wenchi, in the Transition zone, recorded the highest amount of rainfall across the entire country. It recorded 202.1mm of rainfall whereas Ada recorded 8.6mm as the lowest rainfall accumulation within the dekad. Yendi, together with its environs, recorded 108.5mm, the highest within the Northern sector. In the Forest zone, Bechem recorded the highest amount of rainfall of 90mm. Along the Coast, Accra and its environs recorded the highest amount of rainfall of 31.5mm across the 3rd dekad of September.

Generally, the country recorded significant rainfall surpluses when compared to the dekadal climatology (1991-2020), except for areas in and around Bolgatanga, Salaga, Atebubu, Abetifi, Dunkwa, Half Assini, Saltpond, Tema and Koforidua which recorded rainfall deficits. Kete-Krachi and its environs recorded normal conditions.



Map 1: Total Rainfall Map.

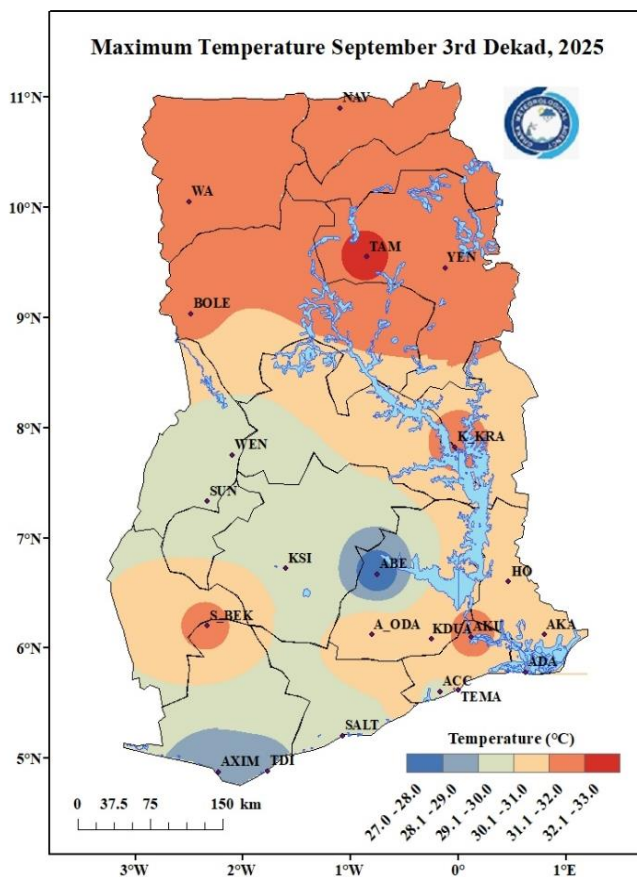


Map 2: Rainfall Anomaly Map.

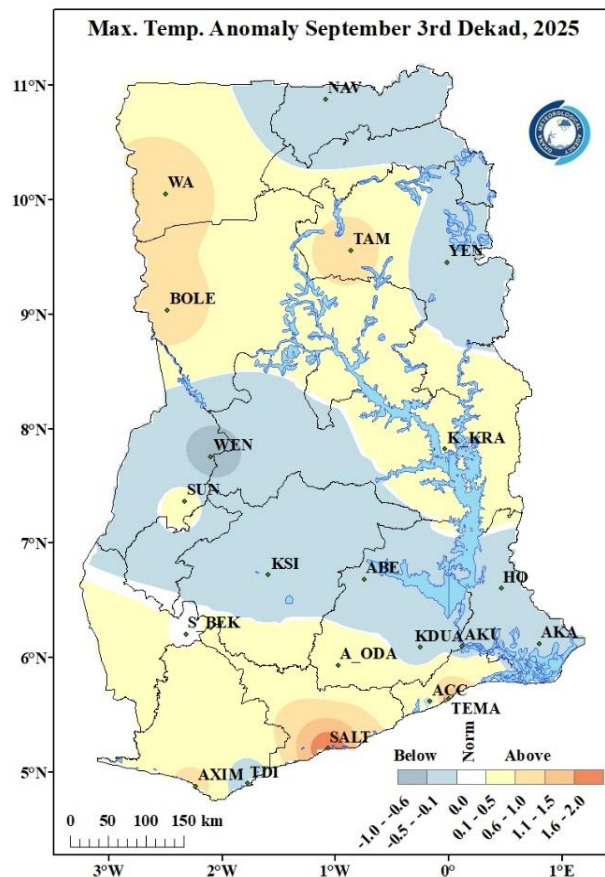
1.2 MAXIMUM TEMPERATURE

Tamale and its environs recorded 32.2°C, the highest average maximum temperature for the dekad whereas Abetifi and its environs recorded 27.0°C, the lowest average maximum temperature across the entire country. Kete-Krachi recorded 31.2°C as the highest in the Transition zone. Koforidua and Akim Oda within the Forest zone recorded 30.7°C and 30.9°C respectively. Along the Coast, Tema, Accra and Ada recorded 30.1°C, 29.8°C, and 29.7°C respectively.

Navrongo, Yendi, Wenchi, Kumasi, Ho, Koforidua together with their environs recorded cooler average day-time temperatures. Places such as Wa, Bole, Tamale, Kete-Krachi, Sunyani, Axim, Accra and their environs recorded warmer day-time temperatures as compared to their climatological means (1991-2020).



Map 3: Maximum Temperature Map.

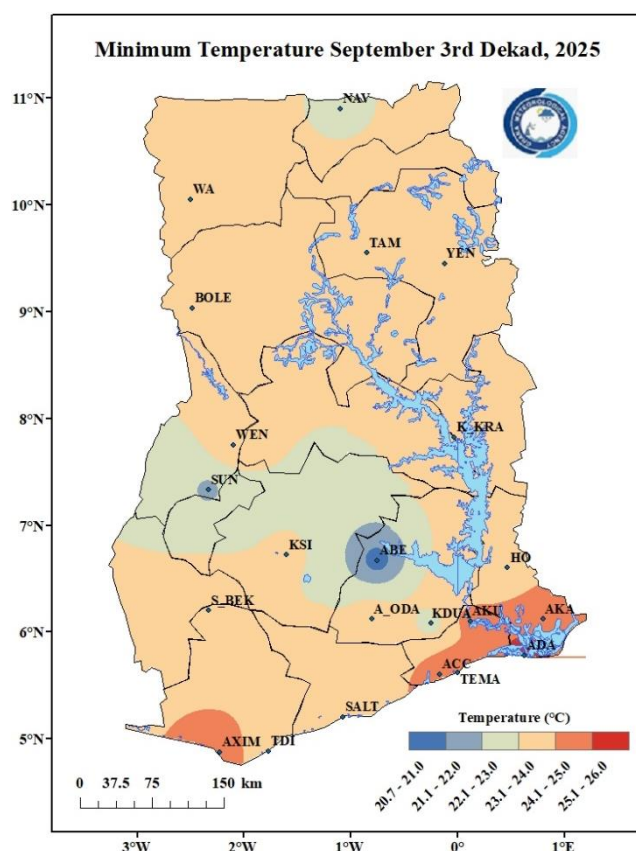


Map 4: Maximum Temperature Anomaly Map.

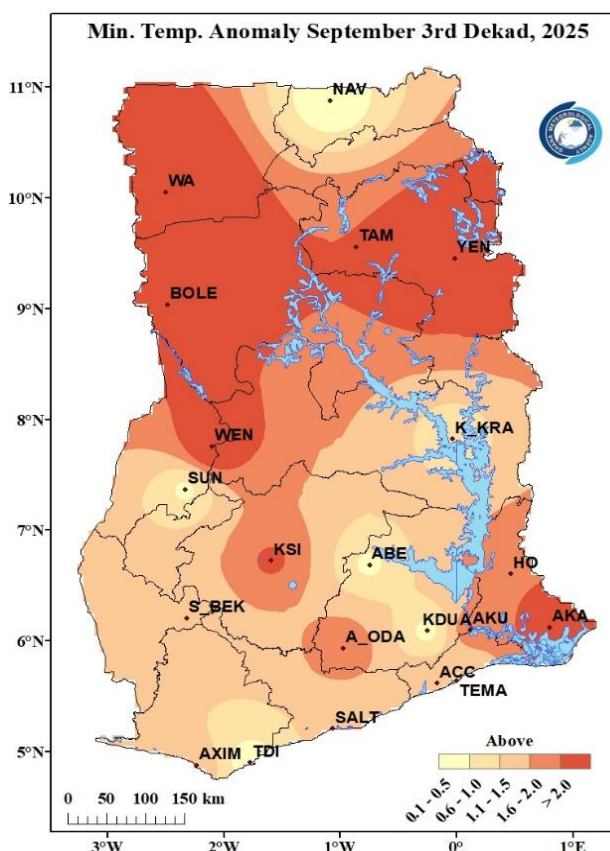
1.3 MINIMUM TEMPERATURE

The country recorded average minimum temperatures between 20.0°C to 26.0°C. Abetifi and its environs recorded 20.7°C as the lowest average minimum temperature whereas Ada and its environs recorded 25.7°C as the highest average minimum temperature across the entire country. Navrongo recorded 22.9°C, the lowest within the Northern sector. Kete-Krachi recorded 23.6°C, the highest within the Transition zone. Along the Coast, Tema and Axim (and their environs) recorded 24.8°C and 24.7°C respectively.

The entire country experienced warmer night-time temperatures as compared to their climatological means (1991-2020) with the most noticeable stations been Wa, Bole, Tamale, Yendi, Wenchi, Kumasi, Akatsi together with their environs.



Map 5: Minimum Temperature Map.

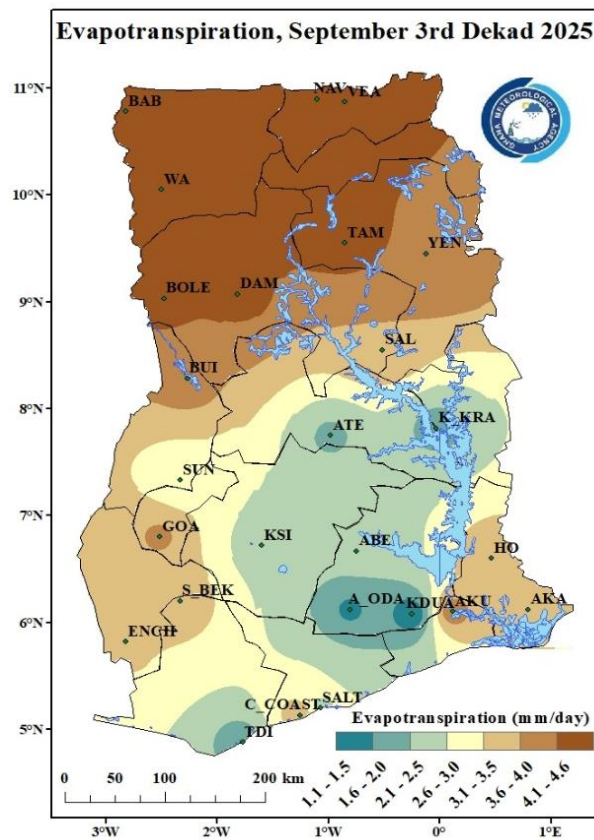


Map 6: Minimum Temperature Anomaly Map.

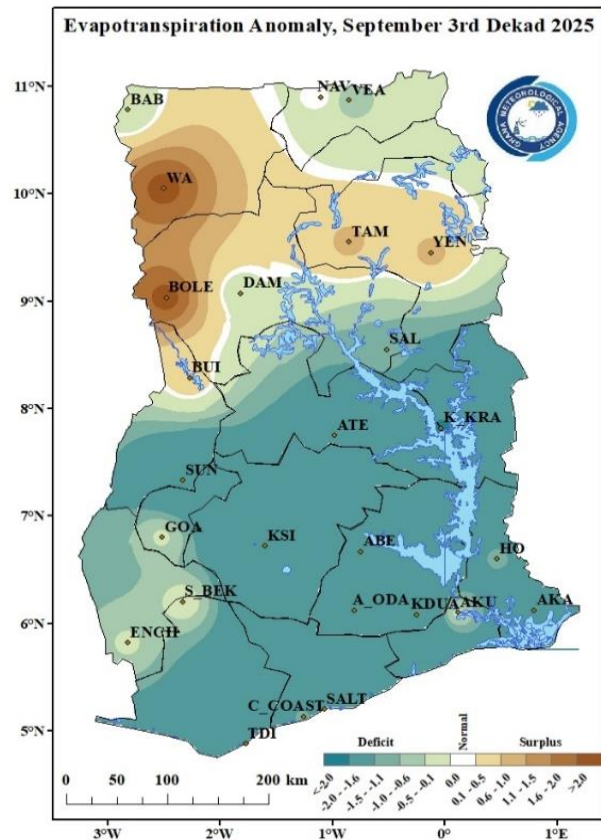
1.4 EVAPOTRANSPIRATION

The country recorded evapotranspiration rates between 1.1 – 4.6mm/day. Babile recorded evapotranspiration rate of 4.6mm/day, the highest across the dekad. Koforidua recorded the lowest evapotranspiration rate of 1.1mm/day.

Most parts of the country experienced negative anomalies, indicating a lower rate of evapotranspiration. However, Wa, Bole, Tamale, Yendi, Bui, and their environs recorded higher rates of evapotranspiration when compared to their climatological means (1991-2020).



Map 7: Evapotranspiration Map.

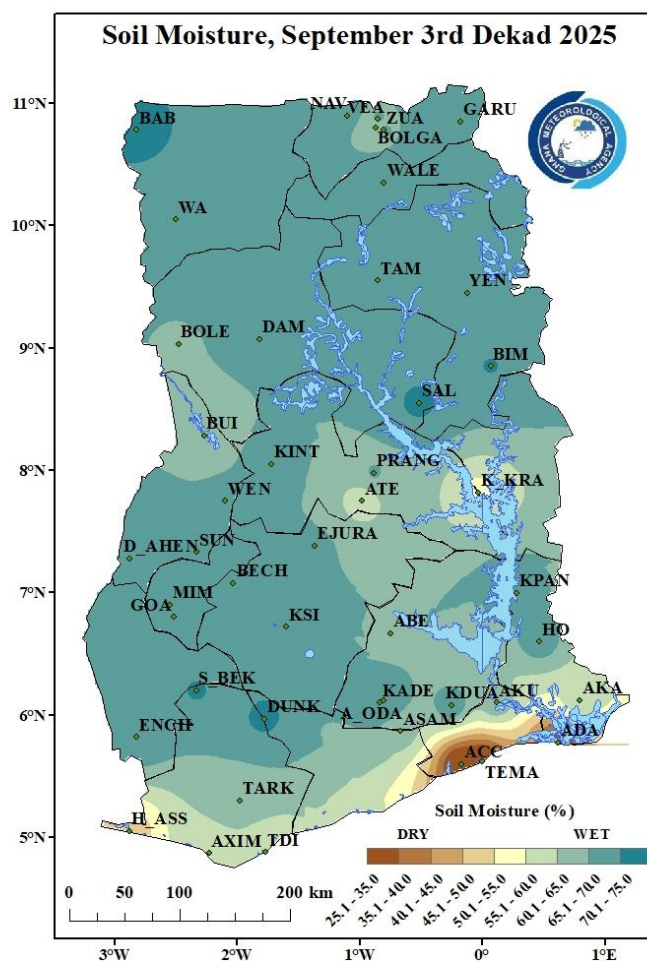


Map 8: Evapotranspiration Anomaly Map.

1.5 SOIL MOISTURE

Most parts of the country recorded soil moisture content ranging from 55.1 - 70.0%. Accra and Tema both recorded 25.7%, the lowest soil moisture content for the dekad while Babile recorded 71.7% as the highest soil moisture content across the country.

The Northern sector of the country recorded soil content ranging from 55.5% - 72.0%. The Transition and Forest zones recorded soil moisture content ranging from 50.1% - 67.0%. Half Assini, Axim, Akatsi and their environs in the Forest zone recorded soil moisture content of 45.5%, 56.6% and 58.8% respectively.



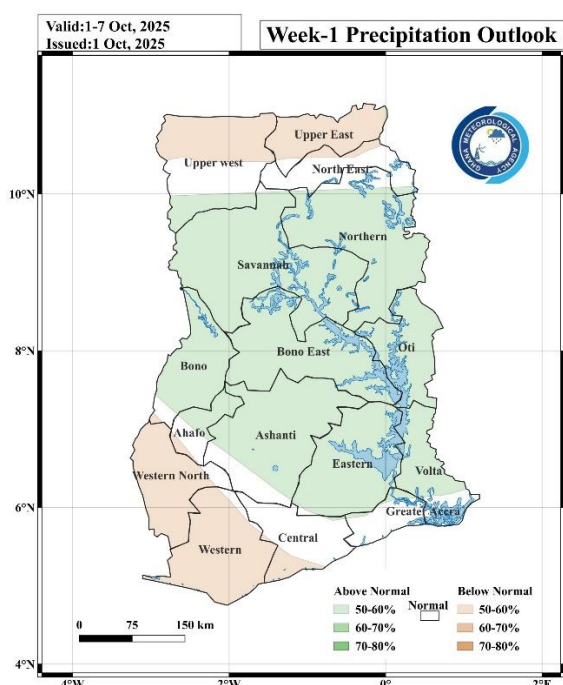
Map 9: Soil Moisture Map.

2.0 RAINFALL AND TEMPERATURE OUTLOOK FOR OCTOBER 1ST DEKAD 2025

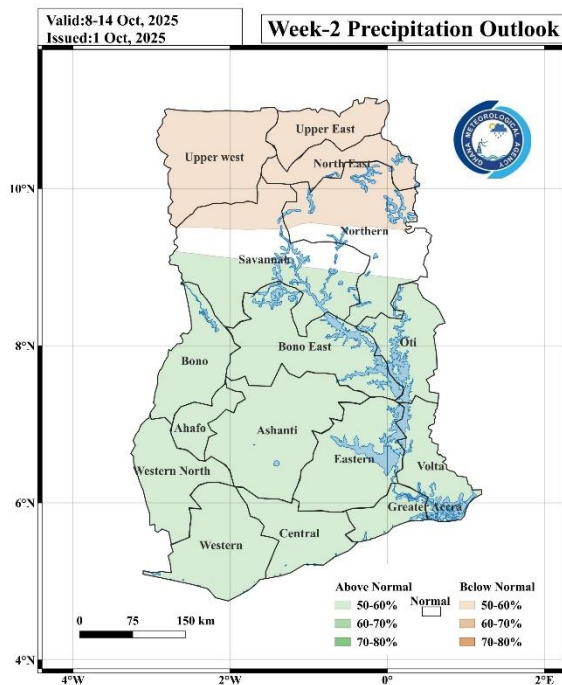
2.1 RAINFALL OUTLOOK

Week 1: Most areas of the country are expected to experience above-normal rainfall. However, the extreme northern parts (notably the Upper West and Upper East Regions), along with sections of the southwestern portion of the country, are likely to record below-normal rainfall during the week.

Week 2: Below-normal rainfall conditions are anticipated over the Upper East, Upper West, North East, and parts of the Northern Regions. The remaining parts of the country are projected to experience above-normal rainfall within the period.



Map 10: Rainfall Outlook for Week 1.

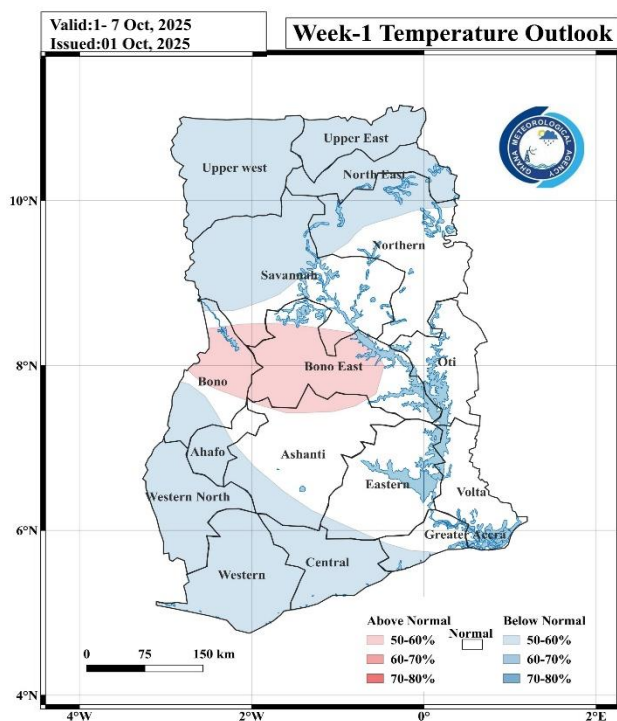


Map 11: Rainfall Outlook for Week 2.

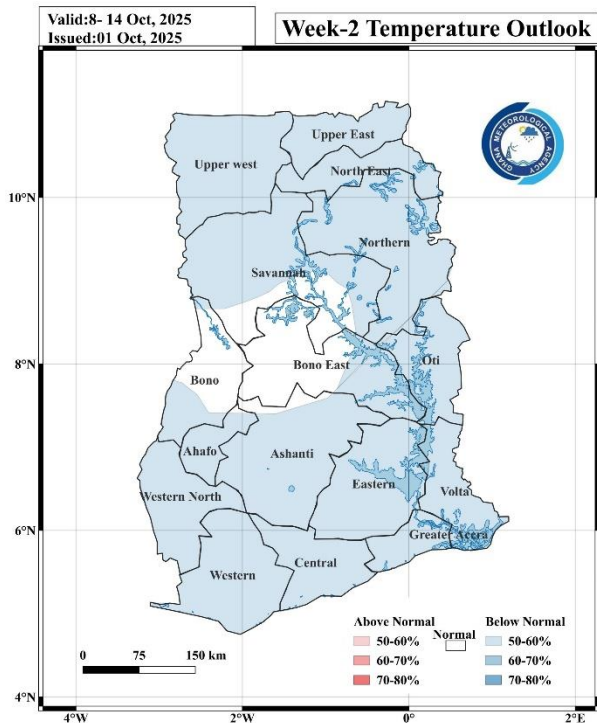
2.2 TEMPERATURE OUTLOOK

Week 1: The South-western portions of the country together with the west coast and most parts of the Northern sector are expected to record below normal temperatures. Areas around Bono and Bono East are likely to record above normal temperatures with the rest of the country recording normal temperatures.

Week 2: Below normal temperatures are anticipated to be recorded across the entire country except for few places in the transition zone 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	SALA
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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