

AGROMETEOROLOGICAL BULLETIN NO.29, OCTOBER 2<sup>ND</sup> DEKAD (11-20) 2025

GMET/AGROMET/111025

FORM910

# GHANA METEOROLOGICAL AGENCY



## SUMMARY

- **Mim** recorded the highest rainfall accumulation of 242.5mm across the entire country whereas **Navrongo** recorded 0.9mm as the lowest rainfall accumulation within the dekad. Generally, the country recorded significant rainfall surpluses when compared to the dekadal climatology (1991-2020), except **Babile, Wa, Navrongo, Walewale, Tamale, Bole, Salaga, Prang, Kintampo, Goaso, Ho, Akuse, Akatsi, Accra, Tema, Cape Coast, Takoradi, Axim** and their environs which recorded rainfall surpluses.
- **Wa, Bongo** and their environs recorded 33.6°C, the highest average maximum temperature for the dekad whereas **Abetifi** and its environs recorded 27.6°C, the lowest average maximum temperature across the entire country.  
The country recorded cooler average day-time temperatures except for **Wa, Sefwi Bekwai, Ho, Koforidua, Akatsi, Accra, Tema, Saltpond, Axim, Takoradi** and their environs which recorded warmer day- time temperatures as compared to their climatological means (1991-2020).
- For average minimum temperatures, **Sunyani** and its environs recorded 20.1°C as the lowest average minimum temperature whereas **Ada** and its environs recorded 25.3°C as the highest average minimum temperature across the entire country.  
Generally, the Northern sector together with the eastern flanks of the Southern sector recorded warmer night-time temperatures as compared to their climatological means (1991-2020).
- The country recorded evapotranspiration rates between 1.1 – 5.7mm/day. **Navrongo** recorded evapotranspiration rate of 5.7mm/day, the highest across the dekad. **Kete-Krachi** recorded the lowest evapotranspiration rate of 1.1mm/day.
- In the next ten days, above normal rainfall is expected across the **Southern Sector** and the **Transition zone**. The remaining parts of the country is expected to experience normal rainfall conditions.
- Places in the **upper part** of the **Northern sector** are expected to experience below normal temperatures while the **Southern sector** is expected to record above normal temperatures.

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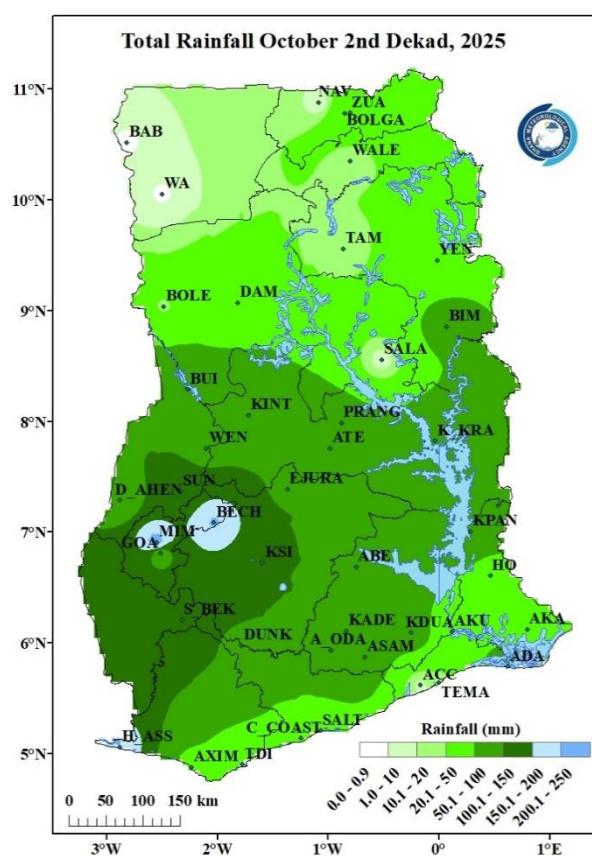
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## 1.0 CLIMATIC ASSESSMENT (OCTOBER 2<sup>ND</sup> DEKAD 2025)

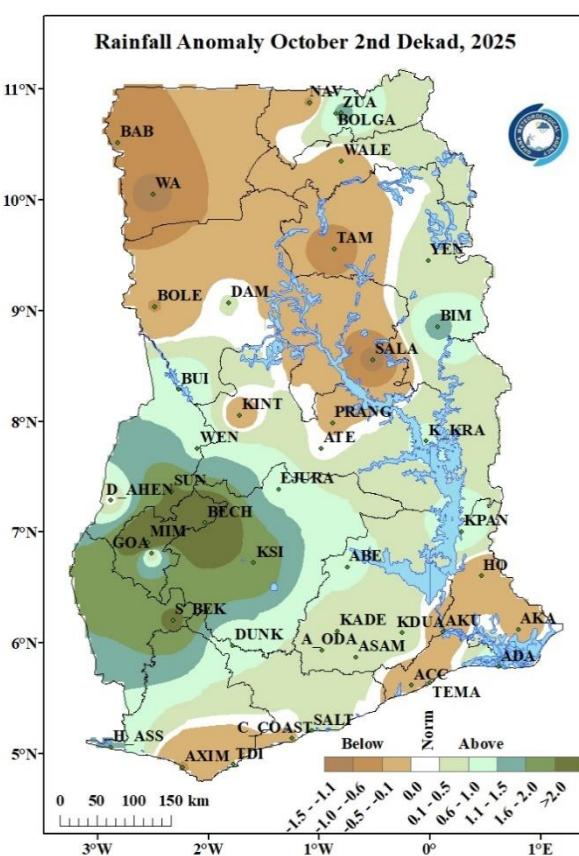
## 1.1 RAINFALL AMOUNT

Rains were recorded in all stations except Wa and Babile. Mim recorded the highest rainfall accumulation of 242.5mm across the entire country whereas Navrongo recorded 0.9mm as the lowest rainfall accumulation. Bimbila, together with its environs, recorded 62.5mm, the highest within the Northern sector. Kete-Krachi recorded 69.7mm, the highest within the Transition zone. Along the Coast, Ada and its environs recorded the highest amount of rainfall of 69.1mm across the 1<sup>st</sup> dekad of October.

Generally, the country recorded significant rainfall surpluses when compared to the dekadal climatology (1991-2020), except Babile, Wa, Navrongo, Walewale, Tamale, Bole, Salaga, Prang, Kintampo, Goaso Ho, Akuse, Akatsi, Accra, Tema, Cape Coast, Takoradi, Axim and their environs which recorded rainfall surpluses. Atebubu, Dormaa Ahenkro and their environs recorded normal conditions.



Map 1: Total Rainfall Map.

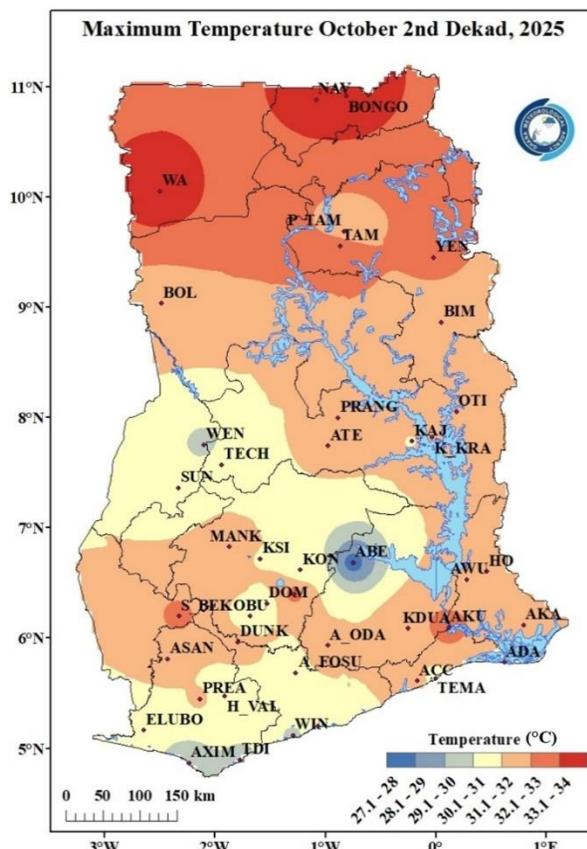


Map 2: Rainfall Anomaly Map.

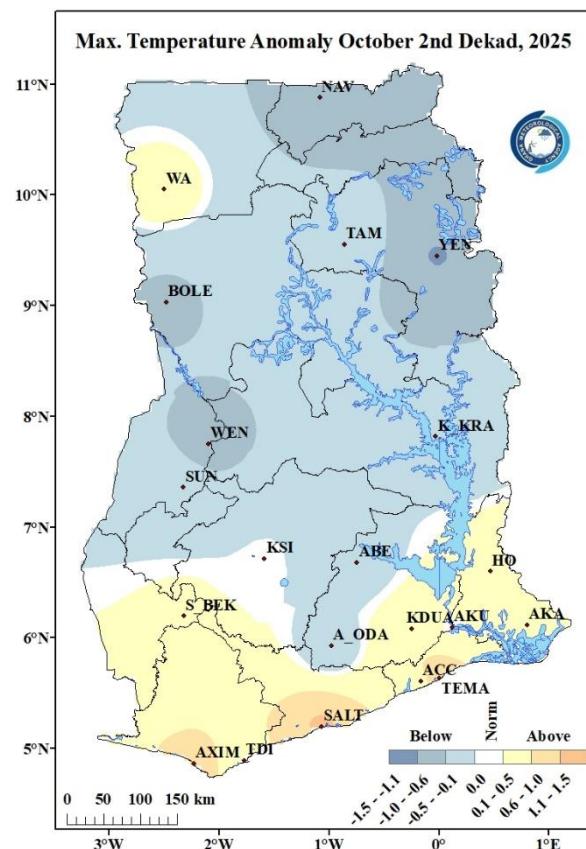
## 1.2 MAXIMUM TEMPERATURE

Wa, Bongo and their environs recorded 33.6°C, the highest average maximum temperature for the dekad whereas Abetifi and its environs recorded 27.6°C, the lowest average maximum temperature across the entire country. Prang recorded 31.9°C as the highest in the Transition zone. Akuse, Ofoase and Sefwi Bekwai within the Forest zone recorded 32.6°C, 32.4°C and 32.3°C respectively. Along the Coast, Axim, Saltpond and Akatsi recorded 29.3°C, 30.3°C, and 31.9°C respectively.

The country recorded cooler average day-time temperatures except for Wa, Sefwi Bekwai, Ho, Koforidua, Akatsi, Accra, Tema, Saltpond, Axim, Takoradi and their environs which recorded warmer day- time temperatures as compared to their climatological means (1991-2020). Akuse recorded normal conditions.



Map 3: Maximum Temperature Map.

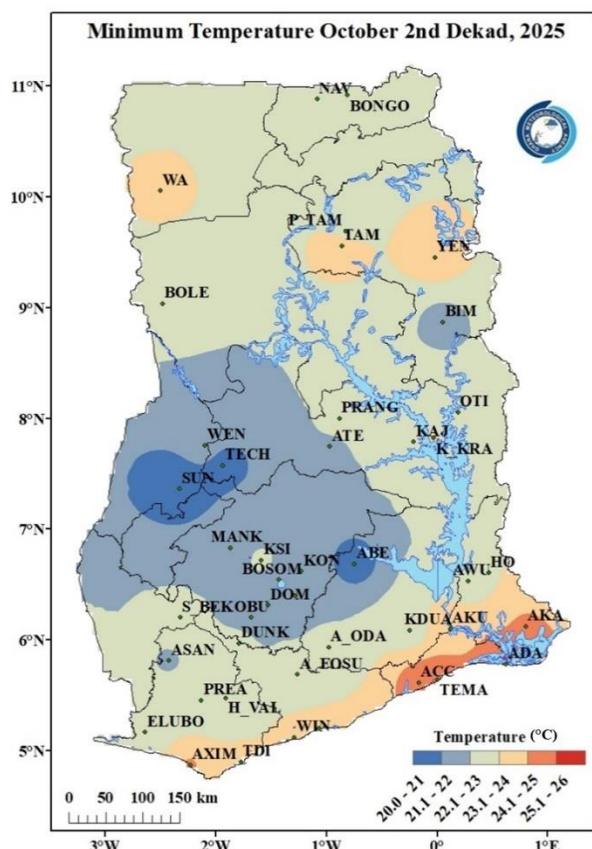


Map 4: Maximum Temperature Anomaly Map.

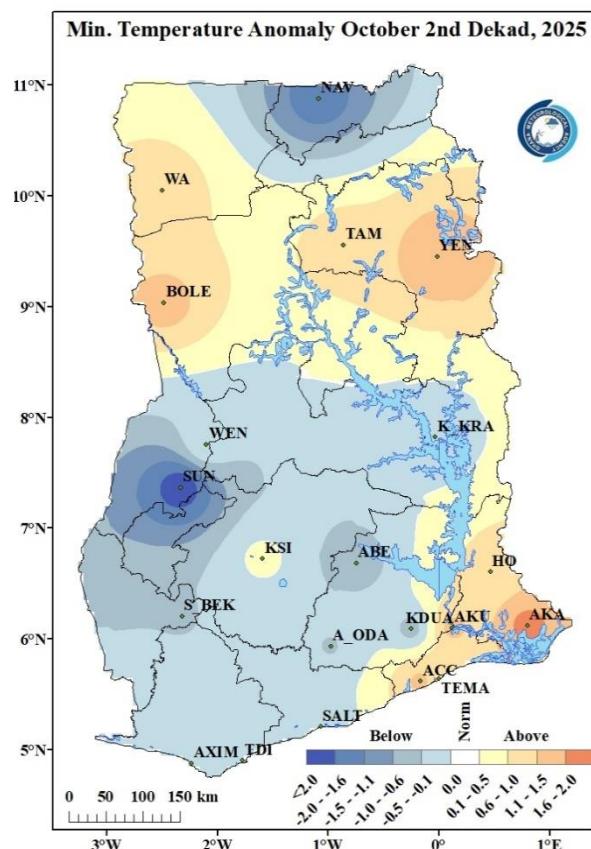
### 1.3 MINIMUM TEMPERATURE

The country recorded average minimum temperatures between 20.0°C to 26.0°C. Sunyani and its environs recorded 20.1°C as the lowest average minimum temperature whereas Ada and its environs recorded 25.3°C as the highest average minimum temperature across the entire country. Navrongo recorded 22.1°C, the lowest within the Northern sector. Kete-Krachi recorded 23.1°C, the highest within the Transition zone. Along the Coast, Tema, Accra and Axim (with their environs) recorded 25.0°C, 24.5°C and 24.1°C respectively.

Generally, the Northern sector together with the eastern flanks of the Southern sector recorded warmer night-time temperatures. Navrongo, Wenchi, Kete Krachi, Sunyani, Abetifi, Sefwi Bekwai, Koforidua, Akim Oda, Saltpond, Takoradi, Axim, and their environs recorded cooler night-time temperatures as compared to their climatological means (1991-2020).



Map 5: Minimum Temperature Map.

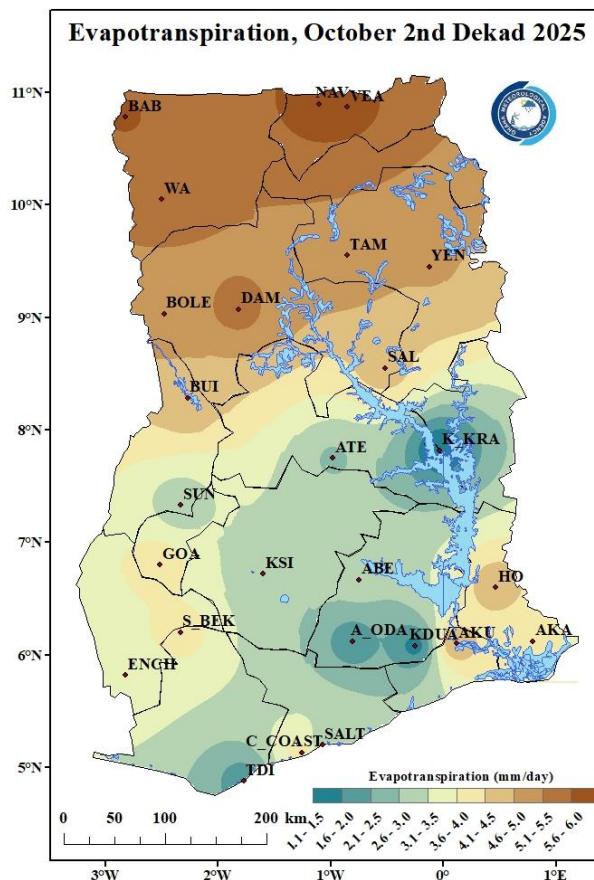


Map 6: Minimum Temperature Anomaly Map.

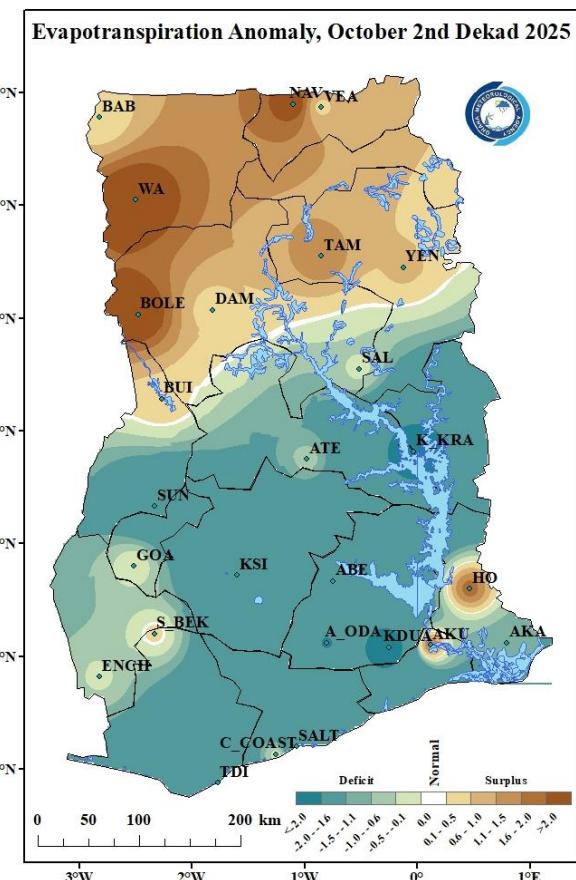
## 1.4 EVAPOTRANSPIRATION

The country recorded evapotranspiration rates between 1.1 – 5.7mm/day. Navrongo recorded evapotranspiration rate of 5.7mm/day, the highest across the dekad. Kete-Krachi recorded the lowest evapotranspiration rate of 1.1mm/day.

The Southern sector with the Transition zone of the country recorded negative anomalies, indicating a lower rate of evapotranspiration. However, the Northern sector together with Ho, Akuse, Sefwi Bekwai and their environs recorded higher rates of evapotranspiration when compared to their climatological means (1991-2020).



Map 7: Evapotranspiration Map.



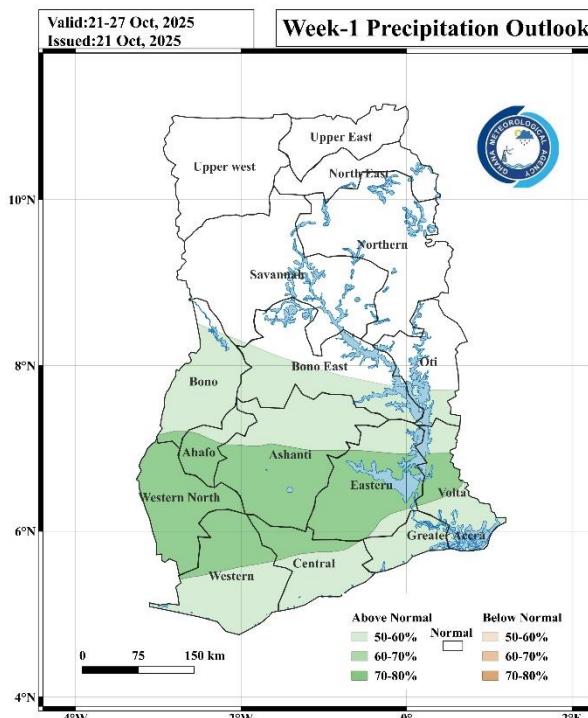
Map 8: Evapotranspiration Anomaly Map.

## 2.0 RAINFALL AND TEMPERATURE OUTLOOK FOR OCTOBER 3<sup>RD</sup> DEKAD 2025

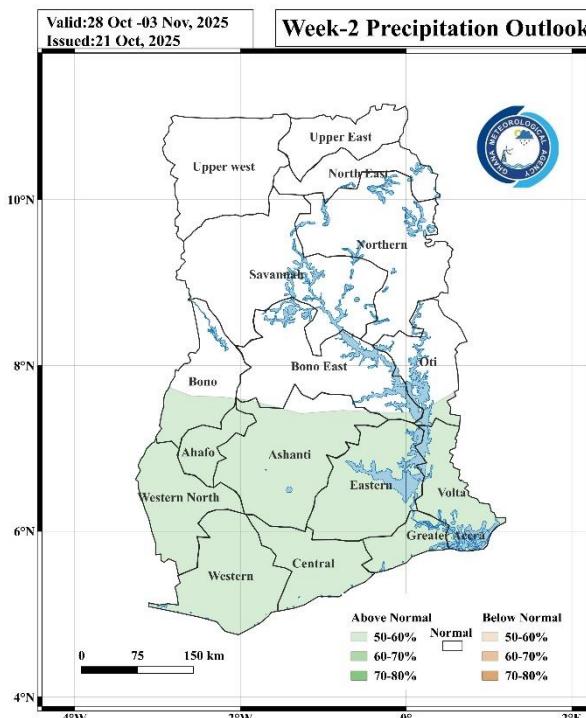
### 2.1 RAINFALL OUTLOOK

**Week 1:** Above normal rainfall is expected across the Southern Sector and the Transition zone. The remaining parts of the country is expected to experience normal rainfall conditions.

**Week 2:** The Southern sector of the country is expected to record above normal rainfall, while the rest of the country is expected to record normal rainfall.



Map 10: Rainfall Outlook for Week 1.

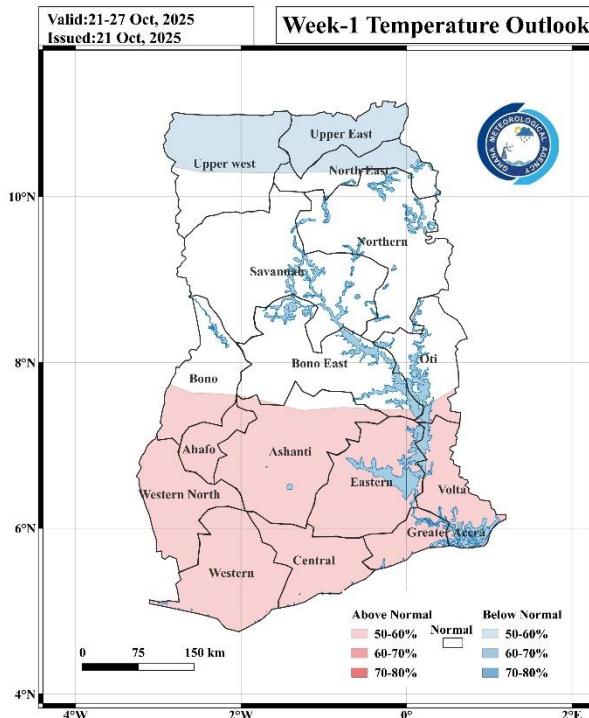


Map 11: Rainfall Outlook for Week 2.

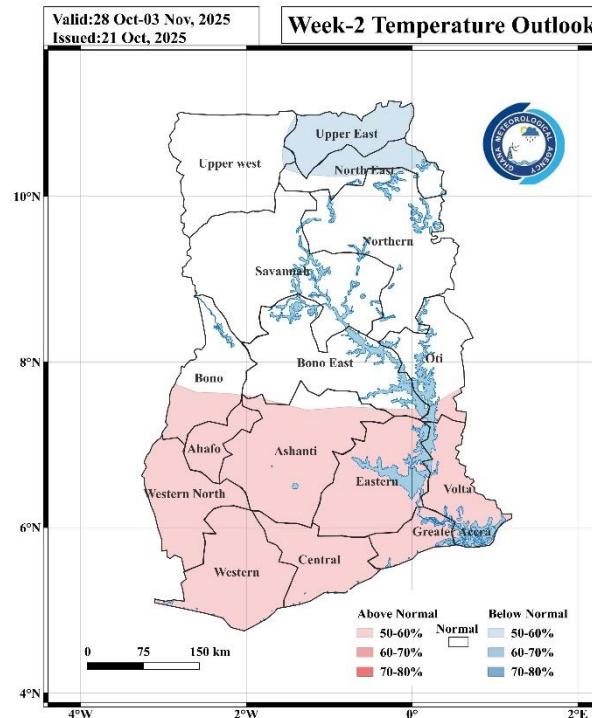
## 2.2 TEMPERATURE OUTLOOK

**Week 1:** Places in the upper part of the Northern sector are expected to experience below normal temperatures while the Southern sector is expected to record above normal temperatures.

**Week 2:** Places in the Upper East and North East regions of the Northern sector are expected to experience below normal temperatures while the Southern sector is expected to record above normal temperatures.



Map 12: Temperature Outlook for Week 1.



Map 13: Temperature Outlook for Week 2.

### 3.0 APPENDIX

TABLE OF STATIONS

| STATION           | ABBREVATION | STATION     | ABBREVATION | STATION      | ABBREVATION |
|-------------------|-------------|-------------|-------------|--------------|-------------|
| ABETIFI           | ABE         | DUNKWA      | DUNK        | OTI          | OTI         |
| ACCRA             | ACC         | ELUBO       | ELUBO       | PRANG        | PRANG       |
| ADA               | ADA         | EJURA       | EJURA       | PRESTEA      | PRES        |
| AKATSI            | AKA         | ENCHI       | ENCHI       | TAMALE       | P_TAM       |
| AKIM ODA          | A_ODA       | GARU        | GARU        | SALAGA       | SALA        |
| AKUSE             | AKU         | GOASO       | GOA         | SALTPOND     | SALT        |
| ASAMANKESI        | 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        |
| BONGO             | BONGO       | KUMASI      | KSI         | WENCHI       | WEN         |
| BUI               | BUI         | MANKRANSO   | MANK        | WINNEBA      | WIN         |
| CAPE COAST        | C_COAST     | MIM         | MIM         | YENDI        | YEN         |
| DAMONGO           | DAM         | NAVRONGO    | NAV         | ZUARUNGU     | ZUA         |
| DOMPOASE          | DOM         | OBUASI      | OBU         |              |             |
| DORMAA<br>AHENKRO | D_AHEN      | OFOASE      | OFO         |              |             |

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