

SUMMARY

During the third dekad of January 2012 dry, windy and sunny Bega weather condition was prevailed over most parts of the country. The situation might have favored harvest and post harvest activities. More over, Bega cool weather condition was dominated especially over northern, central and eastern high lands of the country. In line to this Adigrat, Koffele, and Alemaya reported a minimum temperature of 0.5, -1.8 and -0.5°C respectively. The situation would have a negative impact on the normal growth and development of plants and livestock.

During the first dekad of February 2012 dry, windy and sunny Bega weather condition was prevailed over most parts of the country. The situation might have favored harvest and post harvest activities. More over, Bega cool weather condition was dominated especially over central and eastern high lands of the country. Besides Koffele, Debre Brehan and Alemaya reported a minimum temperature as low as -2.5, -0.8 and -0.5°C respectively. The situation would have a negative impact on the normal growth and development of plants and livestock.

1. WEATHER ASSESSMENT

1-10 February 2012

RAINFALL AMOUNT (Fig.1)

Most parts of the country exhibited little or no rainfall

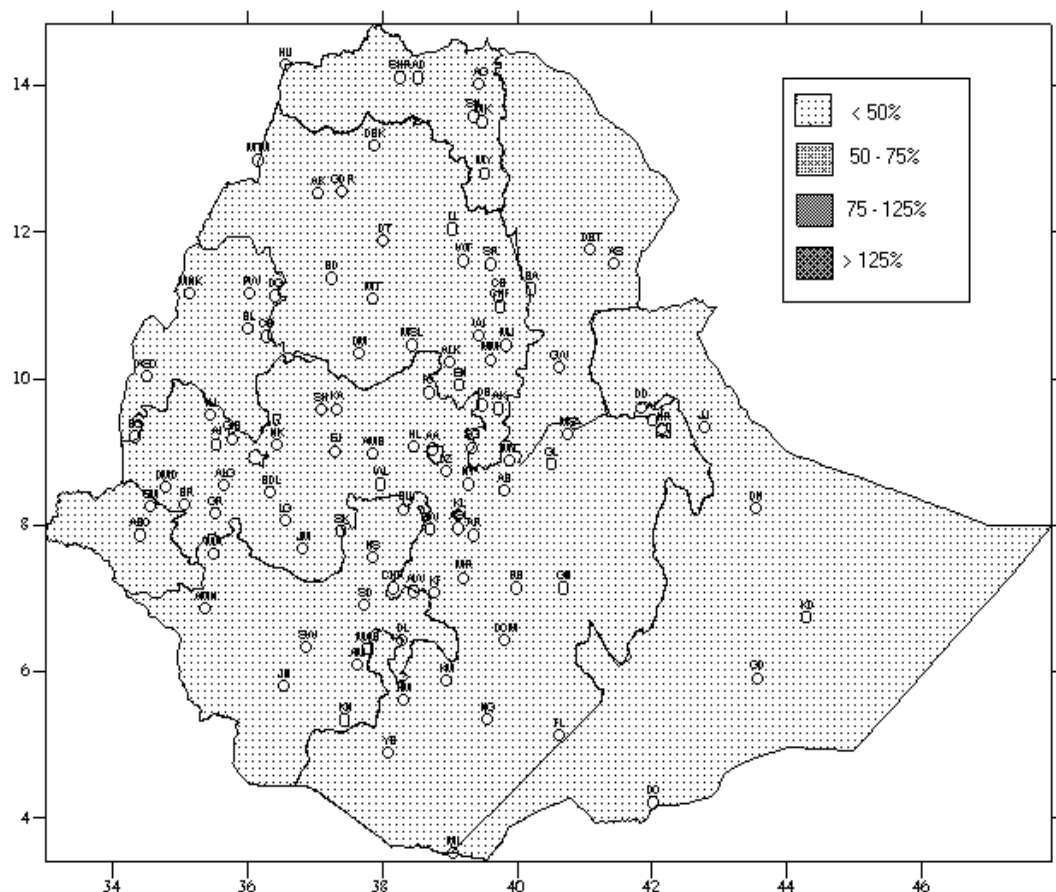


Fig.2 Percent of normal rainfall (1-10 February 2012)

Explanatory notes for the legend:

<50 ----- Much below normal

50—75% ---- below normal

75—125% --- Normal

125% ----- Above normal

1.1.3 TEMPERATURE ANOMALY

Some stations over eastern and western lowlands of the country recorded extreme maximum temperature greater than 35⁰C. Among the reporting stations: Metehara, Blate, Gambela, Gewane, Kebridahar, Lare, Mankush, Pawe, Sawla, Semera, Sirba abaya and Tepi recorded, 35.5, 35.5, 40.5, 36.2, 35.0, 41.0, 44.0, 38.5, 35.4, 39.2 and 35.5⁰C respectively, while Debre Zite, Jimma, Bale Robe, Adigrat, Alemaya, Amba Mariam, Arsi Robe, Debre Berhan, Fitch, Kofille, Machew, Mehal Meda, and Wegel Tena recorded minimum temperature as low as 3.5, 1.4, 4.8, 1.5, -0.5, 4.5, 2.5, -0.8, 4.2, -2.5, 3.5, 2.0 and 1.6 ⁰C . These extreme situations might have a negative impact on the normal growth and development of plants and livestock.

2. AGROMETEOROLOGICAL CONDITIONS AND IMPACT ON AGRICULTURE

2.1 VEGETATION CONDITION AND IMPACT ON AGRICULTURE

The dekad under review, dry, windy and sunny Bega weather condition was prevailed over most parts of the country. The situation might have favored harvest and post harvest activities. More over, Bega cool weather condition was dominated especially over central and eastern high lands of the country. Besides Koffele, Debre Brehan and Alemaya reported a minimum temperature as low as -2.5, -0.8 and -0.5°C respectively. The situation would have a negative impact on the normal growth and development of plants and livestock.

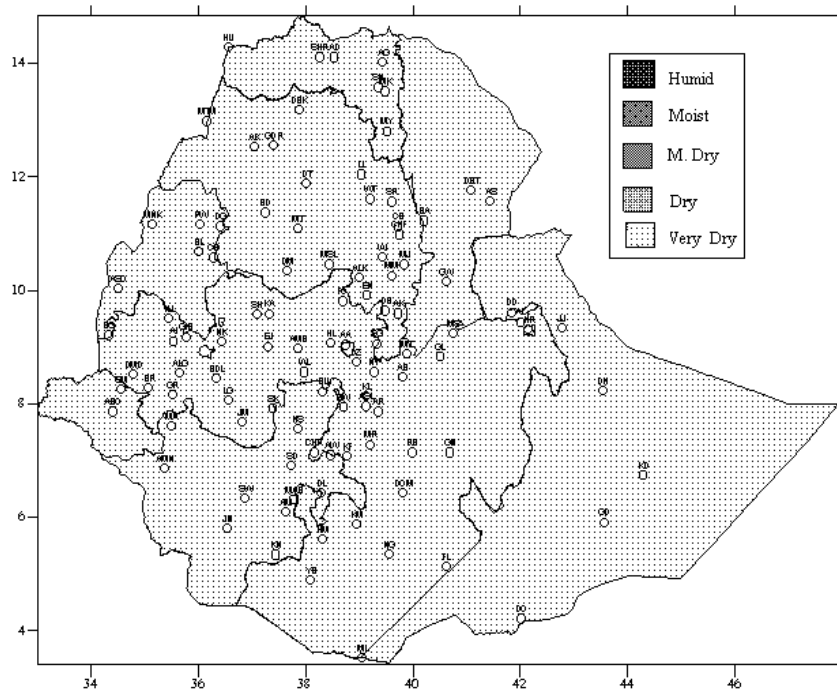


Fig.3 Moisture Status for (1-10 February 2012)

The above figure shows very dry moisture condition which exhibited over most parts of the country would have positive impact on harvest and post harvest activities. On the other hand this might have negative impact on availability of drinking water, pasture in pastoral and agro pastoral areas as well as Belg agricultural activities.

2.2 EXPECTED WEATHER IMPACT ON AGRICULTURE DURING THE COMING DEKAD

In coming ten days, western portion of SNNPR and Oromia form their cloud coverage will benefit little amount of rainfall. The situation might have a positive impact on the availability of pasture and drinking water and land preparation for Belg agricultural activities and water requirement for perennial plants. The rest parts of the country will dominate dry, windy and sunny Bega weather condition this will favor harvest and post harvest activity.