

LESOTHO METEOROLOGICAL SERVICES (LEKALA LA TSA BOLEPI)



Ten-Day Agrometeorological Bulletin

1st – 10th February 2006



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*...dedicated to the agricultural community
... aimed at harmonizing agricultural activities with weather and climate*

Contents

Weather Summary
Page 1

Rainfall Situation
Page 1

Temperature
Page 1

Crop Stage and Condition
Page 1

Dekadal Outlook
Page 2

Rainfall and Temperature
Summaries
Page 2

Glossary
Page 3

Highlights

- ❑ Improved rainfall situation during this period.
- ❑ Planting in the Lowlands is in progress.
- ❑ Medium to low vegetation cover dominated.
- ❑ The temperatures expected be warm.

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DEKADAL OUTLOOK**11th - 21st February 2006**

The trough is expected to weaken but continue oscillating over the sub-region. As a result, rains are anticipated to decrease slightly but they will continue throughout this forecast period. Due to the fact that soil is almost saturated, any small amounts of rains are likely to cause flooding and water logging. Temperatures will be generally warm.

Table 1

		Rainfall and Temperature Summaries											
		Rainfall (mm)					Temperature (°C)						
		1 - 10 Feb 2006			Total From Sept05 to 1st Dek Feb 06		1 - 10 Feb 2006						
STATION	ALT.	Actual	Normal	Rain	Cummulative		%Dept. from	Minimum	Maximum	Dekadal	Dekadal		
NAME	(M)	R/Fall	R/Fall	Days	Actual	Normal	Normal	Lowest(Day)	Highest (Day)	Mean	Normal	Deviation	
Butha-Buthe	1770	72.8	42.3	7	578.9	521.7	11	12.3 (5)	29.0 (1)	19.2	20.0	-0.8	
Mafeteng	1610	97.8	38.6	5	371.6	395.9	-6	NA	26.4 (10)	NA	20.7	NA	
Maseru Airport	1530	122.7	36.1	9	580.1	408.9	42	10.5 (7)	27.5 (1)	19.6	21.4	-1.8	
Mohale's hoek	1600	97.0	38.4	7	448.4	417.9	7	12.5 (1)	27.4 (5)	19.4	21.2	-1.9	
Mokhotlong	2200	35.6	30.4	8	493.3	404.3	22	8.6 (5)	24.4 (2)	17.0	17.4	-0.4	
Moshoeshoe I	1628	144.4	40.5	8	629.8	448.6	40	12.9 (4)	26.8 (5)	19.1	21.3	-2.2	
Ox-Bow	2600	88.6	49.2	7	811.9	754.1	8	3.2 (5)	19.0 (5)	12.3	12.5	-0.2	
Phuthiatsana	1750	114.0	34	6	581.4	472.9	23	13.0 (4)	27.8 (5)	20.1	20.6	-0.5	
Qacha's Nek	1970	94.0	42.1	5	502.7	507.0	-1	11.4 (4)	25.8 (6)	17.9	18.2	-0.3	
Quthing	1740	68.4	38.3	7	539.3	462.4	17	10.1 (5)	27.2 (5)	19.2	20.9	-1.7	
Semonkong	2458	81.9	25.4	9	506.2	401.0	26	7.5 (5)	22.2 (10)	15.0	16.0	-1.0	
ThabaTseka	2160	38.0	32.2	6	395.3	403.6	-2	8.3 (4)	23.9 (2)	16.0	16.5	-0.5	

Fig.3

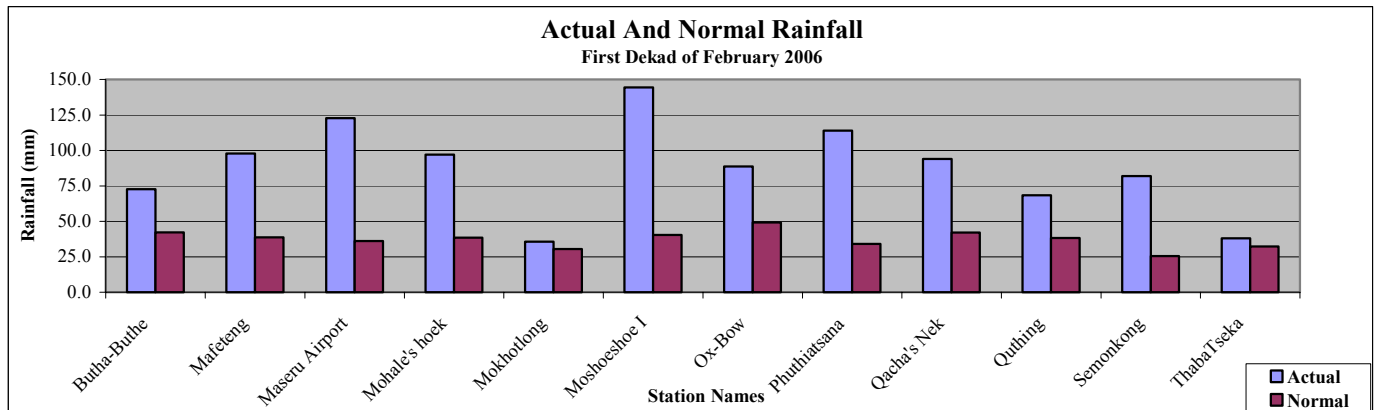
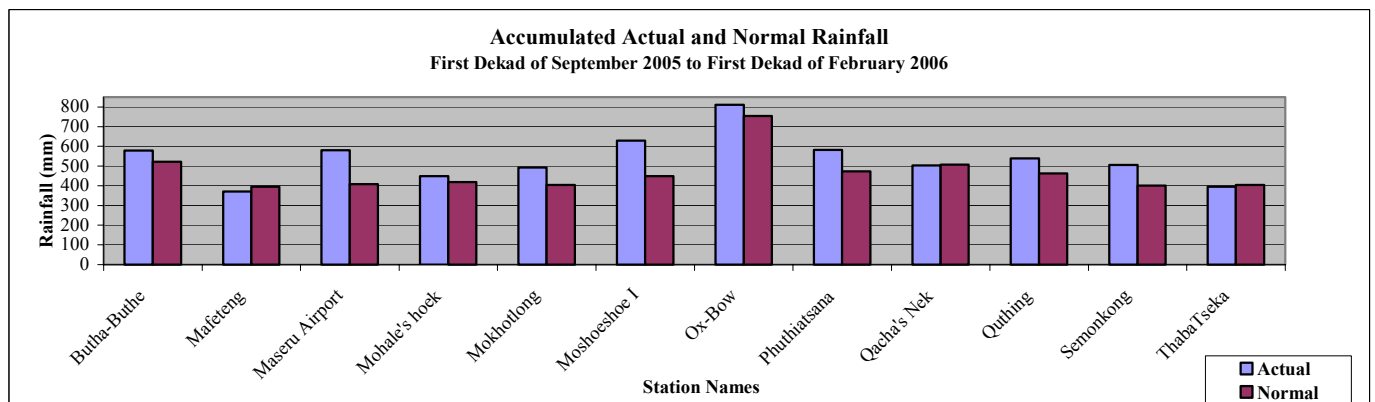


Fig.4



Glossary

Dekad : Ten day period

Normal: Average figure over a specific time period.

% Rainfall Departure from Normal: $(\text{Actual Rainfall} - \text{Normal Rainfall}) / \text{Normal Rainfall} \times 100$

NDVI: Normalized Difference Vegetation Index

This Bulletin is issued during the Summer Cropping Season (October – April).

And it is

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Comments and Contributions would be highly appreciated.