



Tamil Nadu Agricultural University  
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To  
The Editor,

Date: 3-6-2015

Sir,

I request that the following matter may kindly be published in your esteemed daily:

**Seasonal rainfall forecast for Southwest monsoon, 2015 for different districts of Tamil Nadu**

Though Tamil Nadu is a rain shadow area to South West Monsoon (SWM), more than 32 percent of the total annual rainfall of Tamil Nadu is received from this monsoon. Districts that are dominated by SWM in Tamil Nadu are Dharmapuri, Krishnagiri, Salem, The Nilgris and Kanyakumari. However, from the long period average, it could be observed that other Districts in Western zone, North eastern zone and Cauvery Delta zone also receives 100-150 mm of rainfall during SWM.

District level rainfall forecast for the ensuing Southwest monsoon, 2015 (June to September) over Tamil Nadu was developed at Agro Climate Research Centre, Tamil Nadu Agricultural University, Coimbatore based on the Southern Oscillation Index of summer season and Sea Surface Temperature values of Pacific and Indian Oceans using Australian Rainman International V.4.2. Software. The historical rainfall data collected from Tamil Nadu Agricultural University Stations were used to represent the district rainfall information. In the absence of data from research station in a particular district, data from Rainman software were used. Rainfall expected during Southwest monsoon, 2015 with 60 per cent probability is given below.

Normal Rainfall ( $\pm 10\%$  of the long term mean seasonal rainfall) is expected in Ariyalur, Chennai, Cuddalore, Dharmapuri, Dindugal, Kancheepuram, Kanyakumari, Krishnagiri, Namakkal, Ooty, Perambalur, Pudhukottai, Salem, Thanjavur, Thiruvallur, Thiruvannamalai, Trichy, Vellore and Villupuram. Near Normal Rainfall (- 11 to -20% of

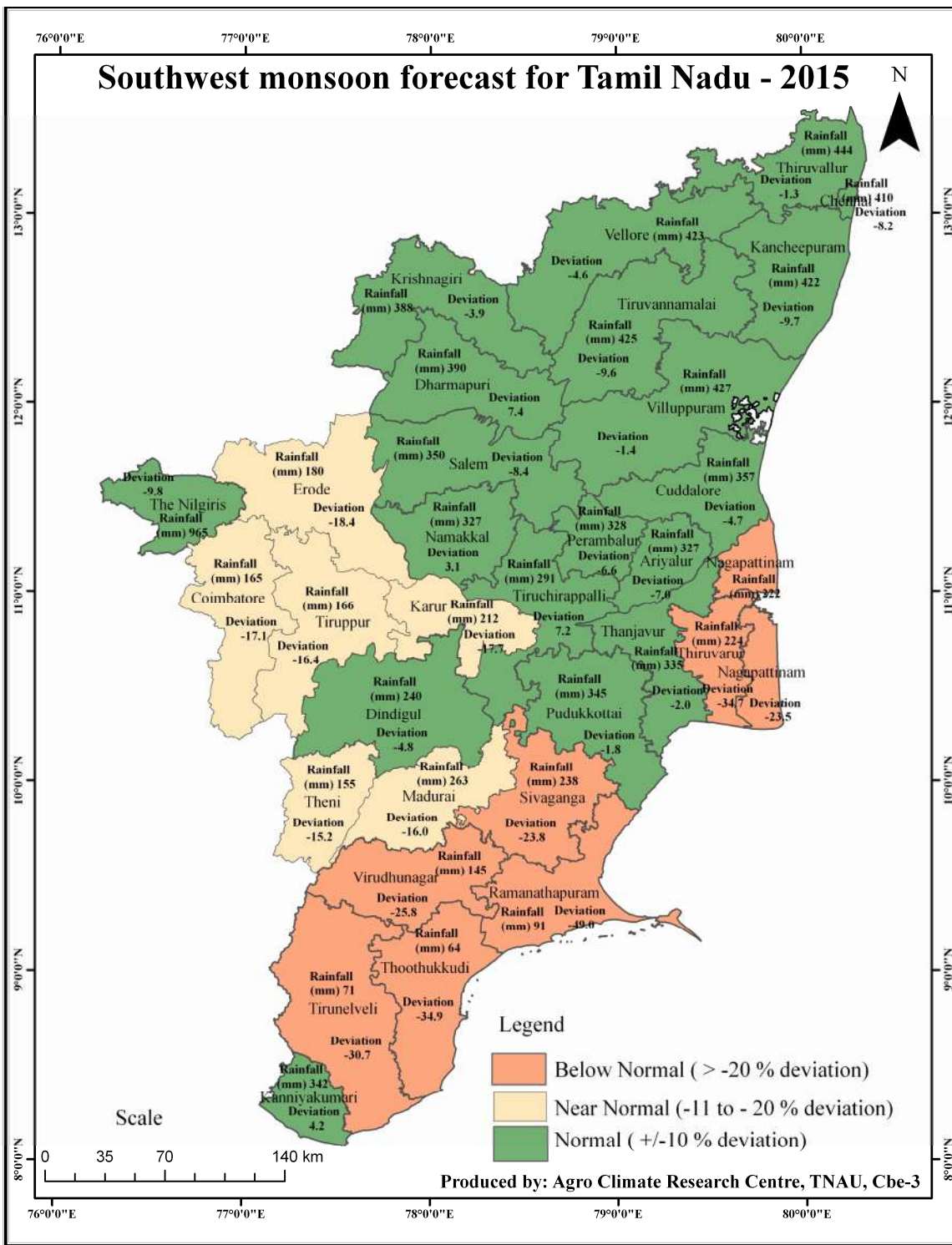
the long term mean seasonal rainfall) is expected in Coimbatore, Erode, Karur, Theni, Tirupur and Madurai.

Below Normal Rainfall (> - 20% of the long term mean seasonal rainfall) is expected in Nagapattinam, Ramanathapuram, Sivagangai, Tirunelveli, Thiruvarur, Tuticorin and Virudhunagar

**Produced by**  
**Agro Climate Research Centre,**  
**Directorate of Crop Management,**  
**Tamil Nadu Agricultural University,**  
**Coimbatore – 641 003.**

**Southwest monsoon forecast for Tamil Nadu-2015 (District Wise)**

Agro Climatic Zones	District	Normal rainfall(mm)	Expected rainfall (mm)	Per cent deviation	Expected quality scale
Western Zone	Erode	213	180	-18.4	Near Normal
	Tiruppur	192.9	166	-16.4	Near Normal
	Coimbatore	192.9	165	-17.1	Near Normal
North Western Zone	salem	380	350	-8.6	Normal
	Namakkal	317	327	3.1	Normal
	Dharmapuri	361	390	7.4	Normal
	Krishangri	403.6	388	-3.9	Normal
Cauvery Delta Zone	Thanjavur	342	335	-2.0	Normal
	Trichy	270.3	291	7.2	Normal
	Ariyalur	349.6	327	-7.0	Normal
	perambalur	349.6	328	-6.6	Normal
	Karur	249.7	212	-17.7	Near Normal
	Thiruvarur	301.8	224	-34.7	Below normal
	Cuddalore	373.6	357	-4.7	Normal
	Nagapattinam	274.1	222	-23.5	Below normal
Southern Zone	Dindigal	251.4	240	-4.8	Normal
	Virudhunagar	181.8	145	-25.8	Below normal
	Thirunelveli	92.6	71	-30.7	Below normal
	Theni	178.4	155	-15.2	Near Normal
	Sivagangai	289.6	238	-21.8	Below normal
	Madurai	305.4	263	-16.0	Near Normal
	Tuticorin	86.8	64	-34.9	Below normal
	pudukkottai	350.7	345	-1.8	Normal
	Ramanathapuram	136.1	91	-49.0	Below normal
North Eastern Zone	Thiruvallur	449.5	444	-1.3	Normal
	kancheepuram	462.7	422	-9.7	Normal
	Vellore	442	423	-4.6	Normal
	Thiruvannamalai	465.8	425	-9.6	Normal
	Villupuram	433	427	-1.4	Normal
	Chennai	443.5	410	-8.2	Normal
High Rainfall Zone	Kanyakumari	327.8	342	4.2	Normal
Hilly Zone	The Nilgiris	1060	965	-9.8	Normal



**Source: Agro Climate Research Centre, TNAU, Coimbatore-641003**