

Seasonal rainfall forecast for Northeast monsoon, 2016
for different districts of Tamil Nadu

District level rainfall forecast for the ensuing Northeast monsoon, 2016 (October to December) 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.4.3. 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 Northeast monsoon, 2016 with 60 per cent probability is given below.

Normal Rainfall ($\pm 19\%$ from mean seasonal rainfall) is expected in all the districts

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Northeast monsoon forecast for Tamil Nadu-2016 (District Wise)

Agro Climatic Zone				
North Eastern Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Chennai	731	788	-7	Normal
Cuddalore	689	696	-1	Normal
Kancheepuram	626	640	-2	Normal
Thiruvallur	558	588	-5	Normal
Thiruvannamalai	432	445	-3	Normal
Vellore	348	348	0	Normal
Villupuram	455	498	-9	Normal
North Western Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Dharmapuri	355	329	8	Normal
Krishnagiri	302	289	4	Normal
Nammakkal	278	291	-4	Normal
Salem	366	369	-1	Normal
Western Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Coimbatore	343	328	4	Normal
Erode	323	314	3	Normal
Tiruppur	315	314	0	Normal
Cauvery Delta Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Ariyalur	520	544	-4	Normal
Karur	344	314	9	Normal
Nagapattinam	968	937	3	Normal
Perambalur	432	440	-2	Normal
Thanjavur	530	549	-3	Normal
Thiruvarur	756	717	5	Normal
Tiruchirapalli	374	390	-4	Normal
Southern Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Dindigul	437	435	1	Normal
Madurai	450	418	8	Normal
Pudukkottai	402	404	0	Normal
Ramanathapuram	517	490	6	Normal
Sivagangai	419	421	-1	Normal
Theni	336	357	-6	Normal
Thirunelveli	436	465	-6	Normal
Tuticorin	438	425	3	Normal
Virudhunagar	415	418	-1	Normal
Hilly Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
The Nilgiris	474	476	0	Normal
High Rainfall Zone	Predicted Rainfall (mm)	Normal Rainfall (mm)	Deviation (%)	Status
Kanyakumari	509	495	3	Normal

Category : Remarks

Normal : $\pm 19\%$ from Long Period Average Rainfall (mm)