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To
The Editor,

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Sir,

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

Seasonal rainfall forecast for Southwest monsoon - 2018 for different districts of Tamil Nadu

Tamil Nadu is a rain shadow area to South West Monsoon (SWM) nearly 32 percent of the total annual rainfall of Tamilnadu is received from this monsoon. Farmers of Dharmapuri, Krishnagiri, Salem, The Nilgris and Kanyakumari are benefitted from this seasonal rainfall to take up strategic farm decisions.

District level rainfall forecast for the ensuing Southwest monsoon,2018 (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.4.3.Software. The rainfall data collected from Tamil Nadu Agricultural University Stations and India Meteorological Department were used to represent the district rainfall information. Rainfall expected during Southwest monsoon, 2018 with 60 per cent probability is given below.

Normal Rainfall (± 19% from mean seasonal rainfall) is expected for 27 districts of Tamil Nadu viz., Chennai, Coimbatore, Cuddalore, Dharmapuri, Erode, Karur, Kancheepuram, Kanyakumari, Krishnagiri, Madurai, Namakkal, Nagapattinam, Perambalur, Ramanathapuram, Salem, Sivagangai, Theni, Tirunelveli, Trichy, Tiruvarur, Thanjavur, The Nilgiris, Tiruvallur, Tiruvannamalai, Villupurum, Virudhunagar and Vellore.

Deficit Rainfall (> -20% to -59 % from mean seasonal rainfall) is expected for five districts of Tamil Nadu viz., **Ariyalur, Dindigul, Pudukottai, Tiruppur and Tutucorin.**

South West Monsoon Forecast for Tamil Nadu-2018 (District Wise)

S. No	Districts	Long Period Average Rainfall (mm)	Expected Rainfall (mm)	Per cent Deviation	Category
1	The Nilgiris	759.9	772	1.6	Normal
2	Kanyakumari	477.4	541	13.3	Normal
3	Vellore	466.1	532	14.1	Normal
4	Chennai	439.1	414	-5.7	Normal
5	Kancheepuram	490.8	451	-8.1	Normal
6	Salem	440.6	391	-11.3	Normal
7	Tiruvallur	451.6	428	-5.2	Normal
8	Tiruvannamalai	468.1	396	-15.4	Normal
9	Krishnagiri	399	412	3.3	Normal
10	Dharmapuri	393.4	372	-5.4	Normal
11	**Pudukottai**	**350.6**	**260**	**-25.8**	**Deficit**
12	Cuddalore	383.1	356	-7.1	Normal
13	**Ariyalur**	**392**	**309**	**-21.2**	**Deficit**
14	Villupurum	408.3	390	-4.5	Normal
15	Namakkal	339.3	376	10.8	Normal
16	Perambalur	290.7	292	0.4	Normal
17	Sivagangai	301	292	-3.0	Normal
18	Trichy	293.9	271	-7.8	Normal
19	Maduari	335.9	326	-2.9	Normal
20	Thanjavur	318.4	358	12.4	Normal
21	**Dindugal**	**295.4**	**234**	**-20.8**	**Deficit**
22	Nagapattinam	286.1	278	-2.8	Normal
23	Thiruvarur	296.4	298	0.5	Normal
24	Virdhunagar	196.8	229	16.4	Normal
25	Erode	229.8	200	-13.0	Normal
26	Karur	213.6	189	-11.5	Normal
27	Coimbatore	189.8	213	12.2	Normal
28	**Tiruppur**	**154.8**	**123**	**-20.5**	**Deficit**
29	Theni	158.4	169	6.7	Normal
30	Ramanathapuram	149.3	175	17.2	Normal
31	Tirunelveli	142.4	126	-11.5	Normal
32	**Tuticorin**	**74.9**	**60**	**-19.9**	**Deficit**

Category : Remarks
Normal : ±19 % from Long Period Average Rainfall (mm)
Deficit : > -20% to -59% from Long Period Average Rainfall (mm)

Public Relations Officer