

**All India Coordinated Research Project on Agrometeorology (AICRPAM)  
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Santoshnagar, Hyderabad-500059**

**Status of monsoon, Progress in *kharif* Sowing and Agromet Advisories for some  
Deficit/Excess rainfall Areas**

**1. Status of southwest monsoon**

During 1 June – 24 September, country as a whole received 819 mm rainfall, which is 5% deficit compared to the normal rainfall of the country for the same period (859 mm). Districts which received rainfall less than 50% of normal during 1 June – 24 September were identified and depicted in Figure 1, Table 2 & 3.

**2. Agromet Advisories**

**Deficit rainfall areas**

**Maharashtra**

Rainfall received in major meteorological sub-divisions of the state are as follows:

Vidarbha – 727 mm (22% deficit); Marathwada – 640 mm (2% deficit);

Madhya Maharashtra -830 mm (20% surplus) and Konkan - 3152 mm (11% surplus)

**Vidarbha**

- For control of leaf eating caterpillar in pigeon pea, spray Quinalphos 25 EC @ 16 ml per 10 litres of water after current spells of rain.
- Farmers can harvest matured black gram, as below normal rainfall is forecasted in coming week.

**Madhya Pradesh**

East Madhya Pradesh has received 792 mm rainfall (23% deficit) and West Madhya Pradesh has received 740 mm rainfall (14% deficit), so far during the season.

- Soybean: Early maturing cultivars like JS 95-60 may be harvested, if all the leaves turned yellow and dry. In medium to late maturing cultivars, there are chances of stem fly infestation due to cloudy weather and high temperature. Application of insecticides like Dimethoate 30 EC @ 0.03% is advised in the second week.
- As rainfall is forecasted during the coming week, farmers are advised to keep the harvested crop in safe place

- Vegetables: To control sucking pest spray thiamethoxam or acetamiprid @ 0.35-0.45 gm/l. To control shoot and fruit borer in okra, tomato and brinjal, spray Triazophos @ 2.0 ml/l. solution in the second week.
- To control leaf roller in pigeon pea, apply Indoxacarb@ 5ml/10 litre water in the second week.

### **Uttar Pradesh**

Western UP has received 530 mm (30% deficit) and Eastern UP has received 647 mm (26% deficit) rainfall so far during the season.

- Wherever maize is in maturity stage, harvesting is advised as above normal rainfall is forecasted during 22-28 Sept.
- Wherever root weevil infestation is noticed in paddy, apply Phorate-10 G @ 10 kg/ha during second week.

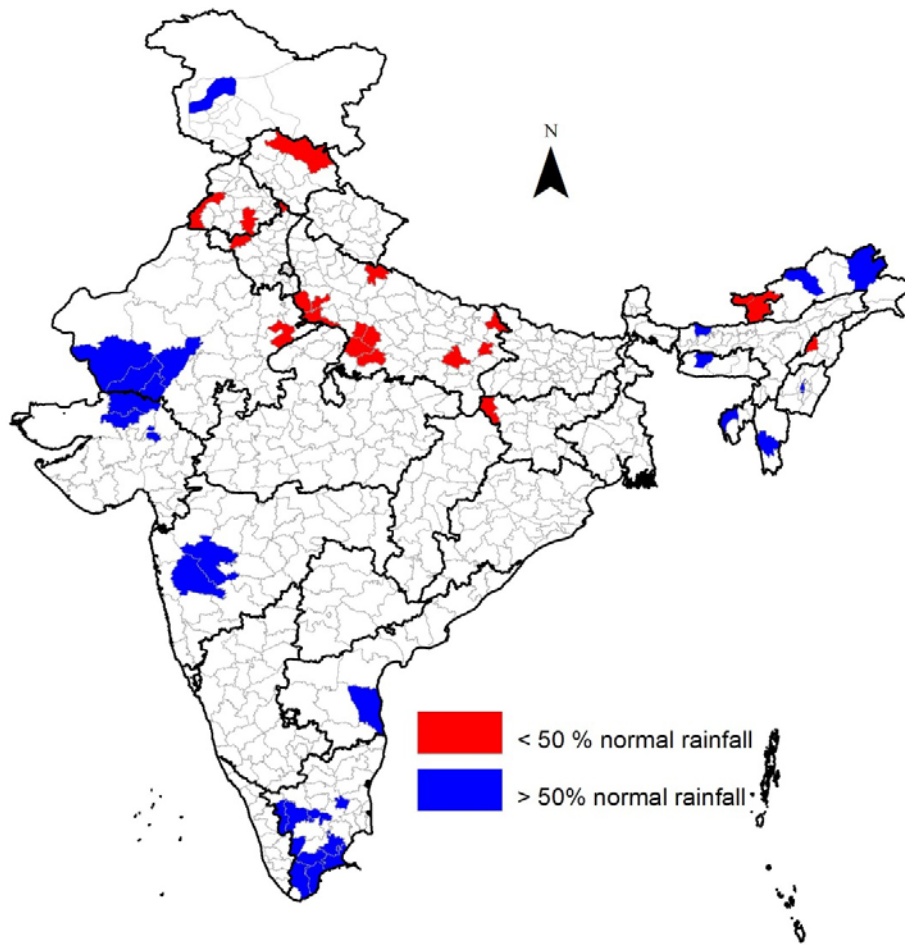
### **Haryana, Chandigarh & Delhi**

The sub-division has received 312 mm rainfall so far during the season, which is 30% deficit compared to the normal rainfall for the same period.

### **Haryana**

- Paddy: Plant hoppers can be controlled by spraying 40 ml of Confidor 17.8 SL in 100 litres of water per acre during second week.
- Cotton: Avoid moisture stress during flowering and boll formation stages. Withhold irrigation during first week, as above normal rainfall is forecasted, unless necessary.

*Note: The above is a general overview for the states. However, for further details, district level contingency plans prepared by ICAR-CRIDA [covering all farming situations within the district) and placed in the websites of the Department of Agriculture Cooperation & Farmers' Welfare, Government of India ([www.agricoop.nic.in](http://www.agricoop.nic.in)) and CRIDA ([www.crida.in](http://www.crida.in))] may be referred.*



**Figure 1:** Districts received > 50% deficit and excess rainfall compared to normal during 1 June - 24 September 2017 (Prepared by AICRPAM based on the data provided by IMD)

**Table 2:** Districts which received more than 50% deficit rainfall compared to normal (1 June to 24 September 2017) (Source: IMD)

S. No	Met. Subdivision	District	Period: 01-06-2017 To 24-09-2017		
			Actual (mm)	Normal (mm)	% Dep.
1	Arunachal Pradesh	Tawang	621	2405	-74
2		West Kameng	1137.4	2405	-53
3	NMMT	Wokha	405	1643.9	-75
4	Jharkhand	Garhwa	404.4	905.6	-55
5	East Uttar Pradesh	Amethi	367.3	820.7	-55
6		Jaunpur	398.7	851.8	-53
7		Kanpur Dehat	339.7	743.2	-54
8		Kushinagar	419.7	1115.1	-62
9		Mau	378.2	979.4	-61
10	West Uttar Pradesh	Agra	273.7	671.1	-59
11		Auraiya	309	681.8	-55
12		Hamirpur	337.8	783.2	-57
13		Jalaun	319	758.8	-58
14		Mahamayanagar	251.5	607.1	-59
15		Mathura	260.7	568	-54
16		Pilibhit	446.7	966	-54
17	Har Cha Del	Fatehabad	137.8	277.1	-50
18		Panchkula	404.4	927.1	-56
19		North East Delhi	256.5	625.2	-59
20	Punjab	Firozpur	59.8	343.1	-83
21		Sangrur	209.6	419.8	-50
22	Himachal Pradesh	Lahul&Spiti	136.7	438.6	-69
23	East Rajasthan	Karauli	317.9	629.9	-50

**Table 3:** Districts which received more than 50% surplus rainfall compared to normal (1 June to 24 September 2017) (Source: IMD)

S. No	Met. Subdivision	District	Period: 01-06-2017 To 24-09-2017		
			Actual (mm)	Normal (mm)	% Dep.
1	Arunachal Pradesh	Lower Dibang Valley	3203.2	1017.6	215
2		Upper Subansiri	1210.2	747.7	62
3	Assam & Meghalaya	Chirang	3454.9	2222.5	55
4		East Garo Hills	3092.3	1624.8	90
5	NMMT	Dimapur	1386.6	809.4	71
6		Imphal West	2364.4	944.2	150
7		Lunglei	4215	1791.8	135
8		West Tripura	2079.4	1348.3	54
9	Jammu & Kashmir	Bandipore	282	161.9	74
10		Baramula	408.1	240.1	70
11		Ganderwal	278.5	178.4	56

S. No	Met. Subdivision	District	Period: 01-06-2017 To 24-09-2017		
			Actual (mm)	Normal (mm)	% Dep.
12		Riasi	1964.6	1292.6	52
13	West Rajasthan	Barmer	465.9	240.1	94
14		Jalor	892.8	390.9	128
15		Pali	785.5	442.9	77
16		East Rajasthan	Sirohi	1815.5	859.5
17	Gujarat	Banaskantha	1136.9	556.3	104
18		Gandhinagar	1199.8	702.1	71
19		Patan	911.5	506.8	80
20	Saurashtra & Katch	Devbhoomi Dwarka	620.1	409.8	51
21		Morbi	951.6	481.3	98
22		Surendranagar	843.5	483.3	75
23		Diu	1041.8	632.3	65
24	Madhya Maharashtra	Ahmadnagar	671.6	401.8	67
25		Pune	1273.1	816.4	56
26	Chhattisgarh	Kabirdham	1338	864.2	55
27	Coastal Karnataka	Nellore	482.3	320	51
28	Tamilnadu & Pondicherry	Coimbatore	499.3	170.8	192
29		Karur	289	189.8	52
30		Perambalur	480	266.9	80
31		Ramanathapuram	202.7	133.2	52
32		Sivaganga	494.1	276.6	79
33		Teni	353.9	138	156
34		Tirunelveli	210.5	127.9	65
35		Tiruppur	303.4	134.2	126
36		Tuticorin	105.5	64.8	63
37		Virudhunagar	289.8	172.5	68