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## India

**Post:** New Delhi

### Monsoon Report June 2016

**Report Categories:**

Agricultural Situation

Agriculture in the News

Agriculture in the Economy

Climate Change/Global Warming/Food Security

Market Development Reports

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**Report Highlights:**

Delayed monsoon, high surface temperatures and low reservoir levels indicate a less than favorable situation for the Kharif crop (harvested April to October). The forecast of an above normal monsoon and its rapid progression across India is expected to support and improve the pace of planting. The Government of India announced the Minimum Support Price (MSP) for the 2016/17 Kharif season with additional bonuses for pulses and oilseeds.

## General Information:

### Monsoon 2016 – Delayed a week but above normal rains ahead

The southwest monsoon onset was June 8 - almost a week later than normal. The cumulative rainfall ending June 21, 2016 was 21 percent below normal. By region, the cumulative rainfall in Northwest India was 8 percent below normal. The cumulative rainfall in East and Northeast India was 29 percent below normal. The cumulative rainfall in central India was 37 percent below normal while rainfall in the southern Indian peninsula was 13 percent above normal.

The forecast for an above normal monsoon and its rapid progression across India is expected to support and improve the pace of planting. Planting has been slow as farmers in most areas were advised not to sow unless there was sufficient soil moisture. Heavy rainfall is expected in the central and western regions of India over the next two weeks as the monsoon progresses.

### IMD forecast for monsoon remains above normal

On June 2, 2016, the India Meteorological Department (IMD), Ministry of Earth Sciences issued an update to its long-range forecast for the southwest monsoon. As per the IMD forecast, the monsoon season rainfall for the country as a whole is likely to be 106 percent (above normal) of the long-period average (LPA). The rainfall over the country as a whole is likely to be 107 percent of its LPA during July, and 104 percent of LPA during August.

**Table 1: India. IMD's actual and forecast onset date of Southwest monsoon in last 5 years.**

Year	Actual Onset Date	Forecast Onset Date
2011	29 <sup>th</sup> May	31 <sup>st</sup> May
2012	5 <sup>th</sup> June	1 <sup>st</sup> June
2013	1 <sup>st</sup> June	3 <sup>rd</sup> June
2014	6 <sup>th</sup> June	5 <sup>th</sup> June
2015	5 <sup>th</sup> June	30 <sup>th</sup> May

Source: Indian Meteorological Department

**Progressive rainfall situation (Per cent departure from normal) in India  
(June 1- June 21, 2016)**

Sl No	Meteorological Sub Division	Normal (June-Sep)	01-Jun - 07-Jun 2016	01-Jun - 14-Jun 2016	01-Jun - 19-Jun 2016	01-Jun - 20-Jun 2016	01-Jun - 21-Jun 2016	*Jun 1-June 21 2016	
								ACT (mm)	NOR (mm)
1	And. & Nic.Islands	1683	-16	-46	-14	-12	-11	280.2	316.4
2	Arunachal Pradesh	1768	-52	-26	-25	-23	-13	286.9	329.0
3	Assam & Meghalaya	1793	-70	-58	-48	-50	-49	179.6	349.8
4	Naga,Mani,Mizo,Trip.	1497	-50	-48	-38	-41	-43	168.2	293.6
5	SHW.Bengal & Sikkim	2006	-22	-1	-5	-1	6	337.5	319.9
6	Gangetic W. Bengal	1168	-21	11	-1	-3	-9	136.7	149.4
7	Odisha	1150	-6	-23	-25	-26	-29	89.8	127.2
8	Jharkhand	1092	-50	-16	-20	-23	-27	77.7	106.6
9	Bihar	1028	-72	-40	-28	-32	-34	60.8	92.5
10	East Uttar Pradesh	898	-66	-31	-37	-36	-24	38.3	50.2
11	West Uttar Pradesh	769	-63	-60	-14	-14	16	33.8	29.2
12	Uttarakhand	1229	-16	-20	17	16	13	101.7	89.7
13	Hary.,Chand.& Delhi	466	-70	14	4	-4	-6	22.5	23.9
14	Punjab	492	-77	-45	1	-6	-9	21.0	23.0
15	Himachal Pradesh	825	13	-6	48	39	33	67.2	50.4
16	Jammu & Kashmir	535	-89	-48	-21	-12	-3	40.0	41.1
17	West Rajasthan	263	-75	-32	-52	-56	-55	6.9	15.3
18	East Rajasthan	616	-66	-63	-65	-61	-38	17.2	27.7
19	W. Madhya Pradesh	876	-73	-81	-58	-44	-17	41.8	50.2
20	E.Madhya Pradesh	1051	-70	-61	-38	-35	-39	36.4	59.4
21	Gujarat region	901	-100	-100	-100	-99	-96	2.1	60.7
22	Saurashtra & Kutch	474	-100	-100	-100	-99	-99	0.2	39.2
23	Konkan & Goa	2914	-50	-27	-47	-45	-44	220.7	391.1
24	M. Maharashtra	729	11	-14	-40	-34	-33	59.2	88.0
25	Marathwada	683	31	-10	-17	-6	-5	88.6	92.9
26	Vidarbha	955	-31	-39	-39	-38	-42	50.3	86.6
27	Chhattisgarh	1147	-37	-13	-9	-14	-22	70.4	89.9
28	C.Andhra Pradesh	581	137	70	45	53	53	100.2	65.5
29	Telangana	755	80	46	14	12	5	85.8	81.4
30	Rayalaseema	398	58	49	44	63	65	82.9	50.3
31	T.Nadu& Pondicherry	317	25	17	13	17	20	41.2	34.3
32	Coastal Karnataka	3084	-17	-7	-17	-18	-11	476.5	537.2
33	North int. Karnataka	506	67	71	57	68	59	109.8	69.2
34	South int. Karnataka	660	9	33	13	9	5	94.8	90.2
35	Kerala	2040	1	13	-1	-3	-4	410.1	426.5
36	Lakshadweep	999	-27	-26	-36	-26	-12	212.6	241.2

## **MSP Announcement 2016-17 Favors Pulse and Oil Crops**

On June 1, 2016, the Government of India announced the Minimum Support Prices (MSP) and bonus for Kharif crops for the MY 2016/17 season. To promote planting, bonuses were announced by Government of India for pulses and oilseeds. The MSP and bonus for pulses resulted in an average increase of 8 percent while the MSP and bonus for oilseeds resulted in an increase of 5 percent. The MSP increase for cotton was 1 percent. (See MSP table below).

Government of India  
Ministry of Agriculture & Farmers Welfare  
Department of Agriculture, Cooperation & Farmers Welfare  
(Directorate of Economics and Statistics)

### **Minimum Support Prices (MSP) and bonus for Kharif Crops of 2016-17 season**

Government has approved for the increase in the Minimum Support Prices (MSPs) for all Kharif Crops of 2016-17 Season. Further, to incentivise cultivation of pulses and oilseeds in the country, Government has announced a bonus of Rs.425/- per quintal for kharif pulses, namely Arhar (Tur), Urad and Moong, a bonus of Rs 200/- per quintal for Sesamum and a bonus of Rs 100/- per quintal for other kharif oilseeds namely, Groundnut-in-shell, Sunflowerseed, Soyabean, and Nigerseed. This bonus is payable over and above the approved MSP. The details of MSPs and bonus for all Kharif Crops of 2016-17 season are given in table below:

Commodity	Variety	2016-17 Season		
		MSP Rs/ Quintal	Bonus Rs/ Quintal	Total (MSP+bonus) Rs/ Quintal
Paddy	Common	1470	-	1470
	Grade A	1510	-	1510
Jowar	Hybrid	1625	-	1625
	Maldandi	1650	-	1650
Bajra	-	1330	-	1330
Maize	-	1365	-	1365
Ragi	-	1725	-	1725
Tur (Arhar)	-	4625	425	5050
Moong	-	4800	425	5225
Urad	-	4575	425	5000
Groundnut-in-shell	-	4120	100	4220
Soyabean*	-	2675	100	2775
Sunflower Seed	-	3850	100	3950
Nigerseed	-	3725	100	3825
Sesamum	-	4800	200	5000
Cotton	Medium Staple	3860	-	3860
	Long Staple	4160	-	4160

\*MSP of soyabean will be applicable to both yellow and black varieties  
The MSP will be effective from 01.10.2016

**Table 2: India. Kharif 2016 Sown Area (in million hectares)**

<b>Crop</b>	<b>Area sown in 2016-17 as on June 17, 2016</b>	<b>Area sown in 2015-16 as on June 17, 2015</b>
Rice	0.917	1.019
Pulses	0.332	0.453
Coarse Cereals	0.601	0.719
Oilseeds	0.188	0.292
Sugarcane	4.438	4.158
Jute & Mesta	0.721	0.756
Cotton	1.225	1.966
<b>Total</b>	<b>8.421</b>	<b>9.363</b>

Source: Ministry of Agriculture, Government of India

**Table 3: India. Storage Status at 91 Major Reservoirs as on June 16, 2016**

Region wise Live Storage of water as Percentage of Full Reservoir Level

<b>Region</b>	<b>2016</b>	<b>2015</b>	<b>10 years Average</b>
Northern Region	23	42	29
Eastern Region	17	28	16
Western Region	11	20	21
Central Region	20	30	14
Southern Region	9	22	19
<b>All India</b>	<b>15</b>	<b>57</b>	<b>80</b>

Source: Ministry of Water Resources, Government of India

According to the Government of India, states having better storage than last year for corresponding period are Rajasthan, West Bengal, Tripura, Andhra Pradesh and Kerala.

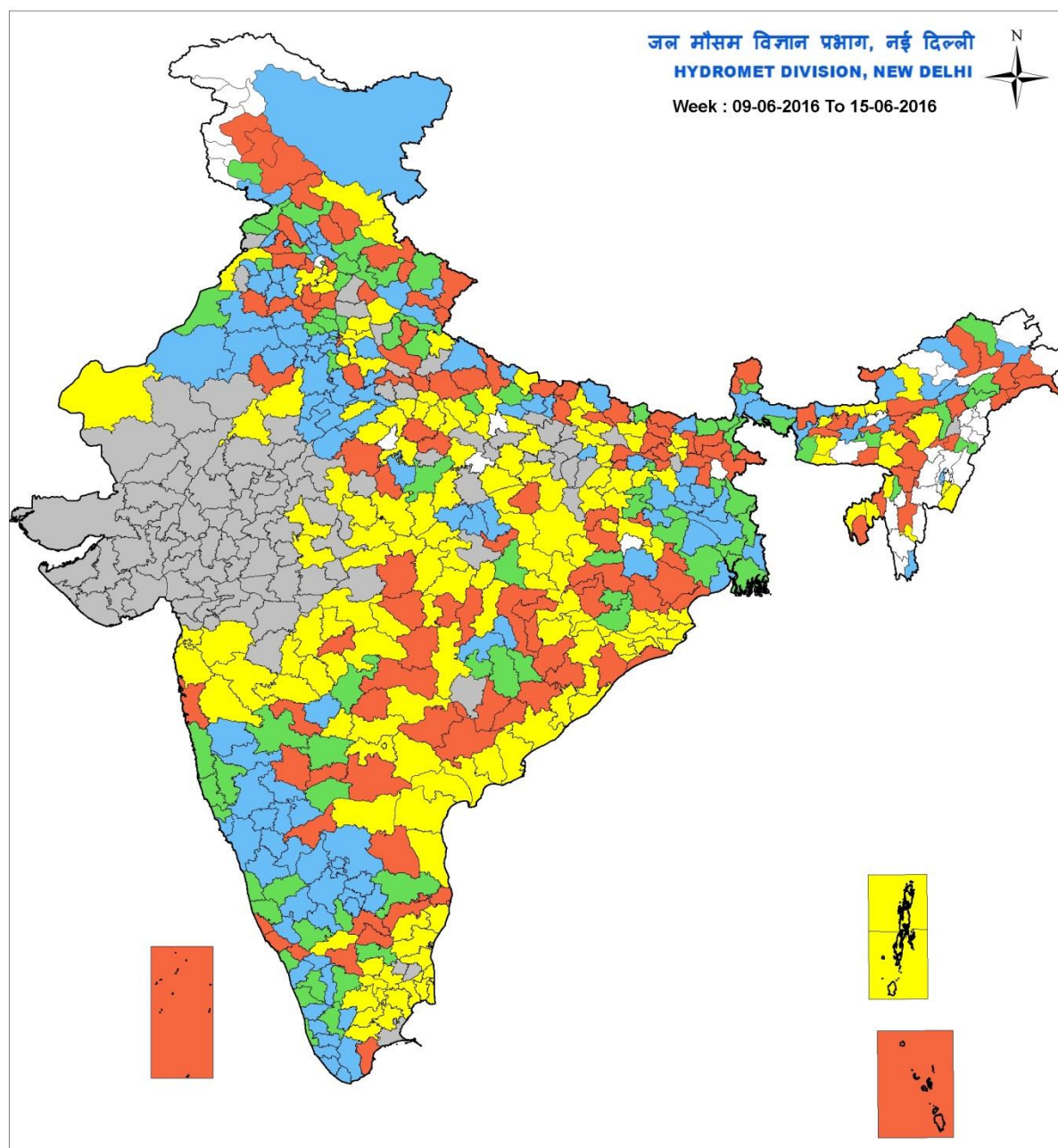
For more details refer – [Press Release No. 146275](#).





भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

### DISTRICT RAINFALL MAP



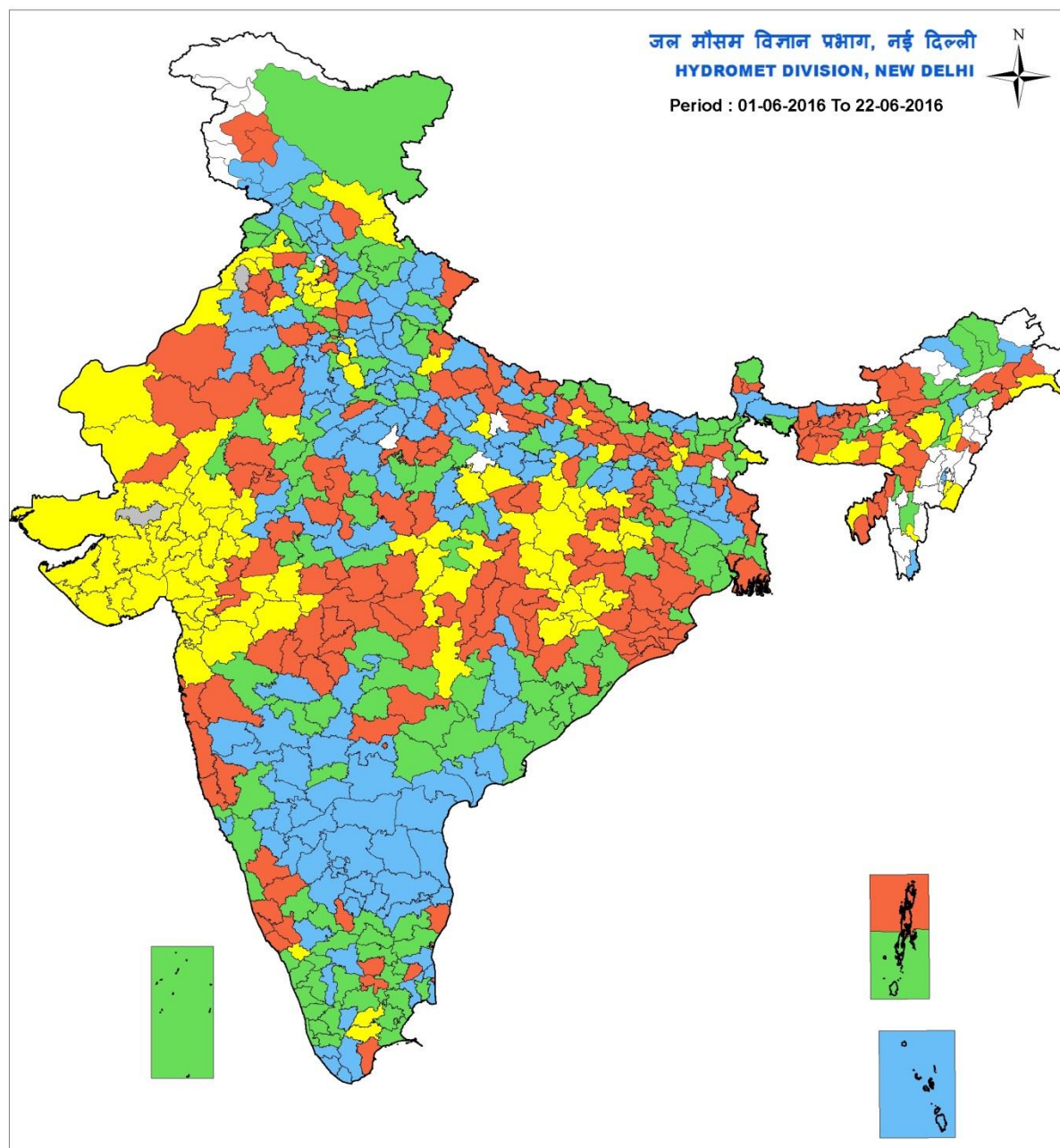
#### NOTES :

a) RainFall figures are based on operation data.



भारत मौसम विज्ञान विभाग  
INDIA METEOROLOGICAL DEPARTMENT

### DISTRICT RAINFALL MAP



**Legend :**

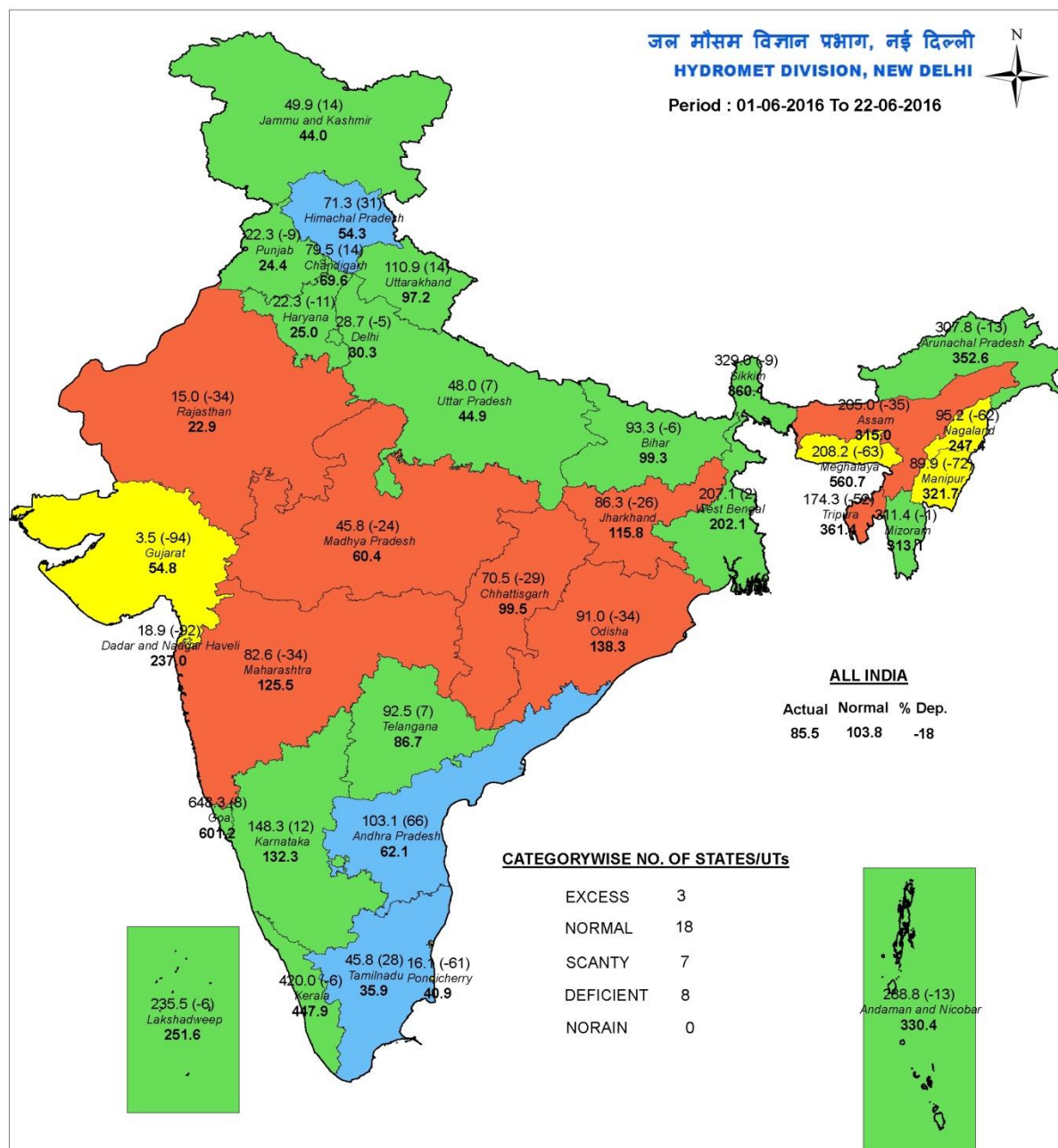
Excess [20% or more ] Normal [-19% to 19% ] Deficient [-59% to -20% ] Scanty [-99% to -60% ] No Rain [ -100% ] NO DATA

**NOTES :**

a) RainFall figures are based on operation data.



STATE RAINFALL MAP



**Legend :**

Excess [20% or more] Normal [-19% to 19%] Deficient [-59% to -20%] Scanty [-99% to -60%] No Rain [-100%] NO DATA

**NOTES :**

- RainFall figures are based on operation data.
- Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
- Percentage Departures of rainfall are shown in brackets.



**Sowing and Harvesting Operations normally in  
progress during the month of June**

State	Sowing	Harvesting
(1)	(2)	(3)
Andhra Pradesh	Winter Rice, Jowar (K), Bajra Maize (K), Ragi (K), Small Millets (K), Tur (K), Urad (K), Mung (K), other Kharif Pulses, Ginger, Groundnut, Sesamun, Cotton, Turmeric.	Autumn rice.
Assam	Winter Rice, Castorseed.	Autumn Rice, Summer Potato (Hills)
Bihar	Autumn Rice, Jowar (K) Bajra, Maize, Ragi, Small Millets (K) Tur (K) Sesamum, Cotton, Jute, Mesta, Sannhemp.	Summer Rice
Gujarat	Winter Rice, Jowar (K), Bajra, Maize, Ragi, Small Millets (K) Tur (K) Urad (K) Mung (K), Other Kharif Pulses, Ginger, Chillies (Dry), Groundnut, Sesamum, Cotton, Turmeric, Sannhemp.	—
Himachal Pradesh	Summer Rice, Maize, Ragi, Small Millets (K) Urad (K) Mung (K) Other Kharif Pulses, Ginger, Chillies (Dry), Tobacco, Groundnut, Sesamum Turmeric.	Wheat, Winter Potato (Hills) Onion.
Jammu & Kashmir	Autumn Rice, Jowar (K) Bajra, Maize, Ragi, Small Millets (K), Urad (K) Mung (K) Other Kharif Pulses, Potato Chillies (Dry), Tobacco, Groundnut, Sesamum (Late) Jute, Sannhemp.	Wheat, Barley, Small Millets (R) Tobacco, Rapeseed and Mustard, Onion.
Karnataka	Autumn Rice, Jowar (K), Bajra, Maize, Ragi, Small Millets (K) Tur (K), Urad (K) Mung (K) Other Kharif Pulses, Chillies (Dry), Groundnut, Castorseed, Sesamum, Cotton, Mesta, Sweet Potato, Turmeric, Sannhemp, Nigerseed, Onion, Tapioca.	—
Kerala	Autumn Rice, Ragi, Tur (K), Urad (K) Mung (K), Other Kharif Pulses, Sweet Potato.	Tapioca.
Madhya Pradesh	Autumn Rice, Jowar (K) Bajra, Maize, Small Millets (K), Tur (K), Urad (K), Mung (K) Other Kharif Pulses, Summer Potato, Ginger, Chillies (Dry), Tobacco, Groundnut, Castorseed, Sesamum, Cotton, Jute, Mesta, Sweet Potato, Turmeric, Sannhemp.	Onion
Maharashtra	Winter Rice, Jowar (K) Bajra, Maize, Ragi Small Millets (K), Tur (K) Urad (K) Mung (K) Other Kharif Pulses, Chillies (Dry) Groundnut, Castorseed, Sesamum, Cotton Mesta, Turmeric, Sannhemp, Nigerseed.	—
Manipur	Autumn Rice, Winter Rice, Tur (K) Groundnut Castorseed Sesamum Cotton	—
Orissa	Autumn Rice, Winter Rice, Jowar (K) Bajra, Maize, Ragi, Small Millets (K) Chillies (Dry), Tobacco, Groundnut Castorseed Cotton, Jute, Mesta	Summer Rice, Chillies (Dry.)

(1)	(2)	(3)
Punjab and Haryana	Autumn Rice, Summer Rice, Jowar (K) Bajra, Maize, Ragi, Small Millets (K) Tur (K) Urad (K), Mung(K), Other Kharif Pulses, Chillies Dry, Groundnut, Castorseed, Cotton, Sweet Potato Turmeric, Sannhemp.	Wheat, Potato (Hills), Summer Potato, Tobacco, Onion.
Rajasthan	Jowar (K), Bajra, Maize, Small Millets(K), Tur(K), Urad(K), Mung(K), Other Kharif Pulses, Chillies (Dry) Tobacco, Groundnut, Castorseed, Cotton Sannhemp.	Small Millets (R)
Tamil Nadu	Autumn Rice, Jowar (K), Bajra, Ragi Small Millets(K), Summer Potato (Hills) Sugarcane, Chillies (Dry), Castorseed, Sesamum, Cotton, Turmeric, Sannhemp Onion, Tapioca.	Summer Rice, Jowar (R), Sugar Chillies (Dry), Cotton, Sannhemp, Onion.
Tripura	Winter Rice, Urad(K), Mung(K), Sesamum Mesta.	—
Uttar Pradesh	Autumn Rice, Winter Rice, Jowar(K), Bajra Maize, Ragi, Small Millets (K) Tur(K), Urad(K) Mung(K), Other Kharif Pulses (Moth) Ginger, Chillies (Dry), Groundnut, Castorseed, Cotton Jute Mesta, Sweet Potato, Sannhemp, Nigerseed.	Sugarcane, Onion.
West Bengal	Autumn Rice, Maize, Tur(K), Ginger, Chillies (Dry) Mesta.	Chillies (Dry), Sesamum,
Delhi	Jowar(K), Bajra, Cotton.	
Andaman & Nicobar	Autumn Rice, Winter Rice.	
(K)—Kharif.	(R)—Rabi	