

**F. No. 3-1/ 2015-16-CFCC-E&S**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF AGRICULTURE**  
**DEPARTMENT OF AGRICULTURE & COOPERATION**  
**(CROP FORECAST COORDINATION CENTRE)**

Room No. 344-A, Krishi Bhawan, New Delhi  
Dated: 06.07.2015

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 03.07.2015.**

**Summary observations of the Group on Agenda Items**

- **Details of the mean maximum temperature during the week 25<sup>th</sup> June to 01<sup>st</sup> July, 2015, were as under:-**
  - *Above normal by 2 to 4°C over Arunachal Pradesh, many parts of North Interior Karnataka and Rayalaseema, some parts of Assam, isolated pockets of Odisha, Vidarbha, Madhya Maharashtra, Marathwada, Telangana and Coastal Andhra Pradesh.*
  - *Below normal by 2 to 4°C over many parts of Uttarakhand, Uttar Pradesh, some parts of Punjab, Haryana & Delhi, East Rajasthan and isolated pockets of Jammu & Kashmir, Himachal Pradesh, Gangetic West Bengal and West Madhya Pradesh and by 4 to 6°C over some parts of West Uttar Pradesh and isolated pockets of Haryana & Delhi and Uttarakhand.*
  - *Normal to near normal in remaining parts of the country.*
- **Details of the mean minimum temperature during the week 25<sup>th</sup> June to 01<sup>st</sup> July, 2015, were as under:-**
  - *Above normal by 2 to 4°C over some parts of North Interior Karnataka, Lakshadweep, isolated pockets of Telangana, South Interior Karnataka and Rayalaseema.*
  - *Below normal by 2 to 4°C over many parts of Jammu & Kashmir, East Uttar Pradesh, some parts of East Rajasthan, West Madhya Pradesh and isolated pockets of Gujarat region and Coastal Andhra Pradesh.*
  - *Normal to near normal in remaining parts of the country.*
- ***In the monsoon season, weekly Rainfall for the country as a whole during the week 25<sup>th</sup> June to 01<sup>st</sup> July, 2015 was 14% lower than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 79% North West India and lower by 17% in East & North East India, 45% in Central India, 27% in South Peninsula.***
- ***In the monsoon season, cumulative Rainfall for the country as a whole during the period 1<sup>st</sup> June to 01<sup>st</sup> July, 2015 was 13% higher than Long Period Average (LPA). Rainfall (% departure from LPA) in the four broad geographical divisions of the country during the above period was higher by 20% in Central India, 15% in South Peninsula, 28% in North West India and lower by 1% in East & North East India.***

- *Out of a total of 36 met sub-divisions, 31 met sub-divisions constituting 92% of the total area of the country has received excess/normal rainfall and 05 met sub-divisions constituting 8% of the total area of the country has received deficient/scanty rainfall.*
- *Out of 609 districts, 238 districts (39%) received excess, 182 districts (30%) received normal, 156 districts (26%) received deficient and 33 districts (5%) received scanty rainfall during the above period.*
- *Central Water Commission monitors 91 major reservoirs in the country which have total live capacity of 157.80 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 02<sup>nd</sup> July, 2015 was 48.51 BCM as against 37.62 BCM on 02.07.2014 (last year) and 33.46 BCM of normal (average storage of the last 10 years) storage. Current year's storage is 129% of the last year's storage and 145% of the normal storage.*
- *As per latest information available on sowing of Kharif crops, around 28.9% of the normal area under Kharif crops has been sown upto 03.07.2015. Area sown under all Kharif crops taken together has been reported to be 306.06 lakh hectares at All India level as compared to 194.25 lakh hectares in the corresponding period of last year.*
- *Area coverage was higher by 4.3 lakh ha. under Arhar, 2.4 lakh ha. under Urad, 1.4 lakh ha. under Moong, 6.6 lakh ha. under Maize, 5.3 lakh ha. under Groundnut, 39.1 lakh ha. under Soyabean and 10.6 lakh ha. under Cotton. Area coverage was lower by 9.4 lakh ha. under Rice, 1.2 lakh ha. under Jowar, 6.9 lakh ha. under Bajra and 1.6 lakh ha. under Sugarcane as compared to average area (as on date).*
- *All-India progressive procurement of Wheat as on 30.06.2015 for the marketing season 2015-16 was 276.22 lakh tonnes against the procurement of 270.69 lakh tonnes upto the corresponding period of last year.*

## Monsoon Season (June – September) during the week ending on 01<sup>st</sup> July, 2015

Sub-division-wise daily distribution of rainfall and minimum temperature are shown in Table-1

- **Rainfall during the week (25<sup>th</sup> June, 2015 to 01<sup>st</sup> July, 2015)** Rainfall was excess/normal in 18 and deficient/scanty in 18 out of 36 meteorological sub-divisions.
- **Cumulative rainfall (01<sup>st</sup> June to 01<sup>th</sup> July, 2015)** Rainfall was excess/normal in 31 and deficient in 05 out of 36 meteorological sub-divisions.

**Table-2: Weekly and Cumulative Rainfall in four regions of the country<sup>1</sup>**

Region	Week Ending (01.07.2015)				Cumulative (01.06.15 to 01.07.15)			
	(in mm)		Devi- ation (%)	Cat.	(in mm)		Devi- ation (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	52.6	29.4	79	E	95.3	74.2	28	E
Central India	34.2	62.3	-45	D	207.5	173.4	20	E
South Peninsular India	33.4	45.9	-27	D	191.8	166.1	15	N
East & North-East India	80.2	96.5	-17	N	362.2	365.4	-1	N
Country as a whole	47.0	54.4	-14	N	194.6	172.1	13	N

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.

Source: India Meteorological Department, New Delhi

**Table – 3: Category wise comparative distribution of Sub-division (cumulative rainfall) and All-India Percentage Rainfall Departure for the last five years since: 1<sup>st</sup> June to**

No. of Sub-Divisions with rainfall	<i>For the period from 1<sup>st</sup> June to</i>					
	30 JUN 2010	29 JUN 2011	04 JUL 2012	03 JUL 2013	02 JUL 2014	01 JUL 2015
Excess	07	17	00	21	00	13
Normal	16	09	10	11	05	18
<b>Total</b>	<b>23</b>	<b>26</b>	<b>10</b>	<b>32</b>	<b>05</b>	<b>31</b>
Deficient	10	08	17	04	20	05
Scanty	03	02	09	00	11	00
No rain	00	00	00	00	00	00
<b>Total</b>	<b>13</b>	<b>10</b>	<b>26</b>	<b>04</b>	<b>31</b>	<b>05</b>
Data Inadequate	00	00	00	00	00	00
<b>TOTAL</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>
<b>All-India % Rainfall Deviation</b>	<b>(-) 16%</b>	<b>11%</b>	<b>(-) 30%</b>	<b>27%</b>	<b>(-) 43%</b>	<b>13%</b>

Source: IMD

1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttaranchal, Himachal Pradesh, and Jammu and Kashmir.  
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat

South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

Table: 1

SUB-DIVISIONWISE DAILY DISTRIBUTION OF RAINFALL - 2015								
S.No.	METEOROLOGICAL SUB-DIVISIONS	RAINFALL						
		25 JUNE	26 JUNE	27 JUNE	28 JUNE	29 JUNE	30 JUNE	01 JULY
1	ANDAMAN & N ISLANDS	SCT	FWS	WS	WS*	FWS	WS	FWS
2	ARUNACHAL PRADESH	SCT	ISOL	SCT	FWS	WS*	FWS	FWS
3	ASSAM & MEGHALAYA	SCT	FWS	FWS	FWS	FWS	SCT	SCT
4	NAGA, MANI, MIZO, TRIPURA	FWS	WS	WS	FWS	FWS	SCT	SCT
5	SHWB & SIKKIM	SCT	FWS	WS	WS*	WS	FWS	FWS*
6	GANGETIC WEST BENGAL	FWS	FWS	WS**	WS*	SCT	ISOL	SCT
7	ODISHA	ISOL	ISOL	SCT	ISOL	SCT	SCT	SCT
8	JHARKHAND	FWS*	SCT	SCT	FWS*	FWS	ISOL	SCT
9	BIHAR	SCT	ISOL	SCT	WS**	SCT	ISOL	ISOL
10	EAST UTTAR PRADESH	FWS	WS	SCT	ISOL	WS**	FWS*	SCT
11	WEST UTTAR PRADESH	WS	WS*	ISOL	ISOL	SCT	SCT	SCT
12	UTTARAKHAND	WS*	WS**	ISOL	ISOL	FWS*	SCT	WS*
13	HARYANA CHD. & DELHI	FWS*	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	SCT	DRY	DRY	DRY	DRY	FWS*	ISOL
15	HIMACHAL PRADESH	WS*	ISOL	DRY	DRY	ISOL	FWS*	SCT
16	JAMMU & KASHMIR	WS	ISOL	DRY	DRY	DRY	FWS**	ISOL
17	WEST RAJASTHAN	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	WS**	SCT	ISOL	ISOL	ISOL	SCT	SCT
19	WEST MADHYA PRADESH	FWS*	SCT	ISOL	ISOL	SCT	ISOL	ISOL
20	EAST MADHYA PRADESH	FWS	SCT	ISOL	SCT	WS*	SCT	SCT
21	GUJARAT REGION DD & NH	WS**	ISOL	ISOL	ISOL	ISOL	DRY	DRY
22	SAURASTRA KUTCH & DIU	FWS*	ISOL	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	WS	WS	FWS	ISOL	ISOL	WS	WS
24	MADHYA MAHARASHTRA	FWS*	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHAWADA	DRY	DRY	ISOL	ISOL	DRY	ISOL	ISOL
26	VIDARBHA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
27	CHHATTISGARH	ISOL	SCT	ISOL	ISOL	SCT	ISOL	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	SCT	SCT	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COASTAL KARNATAKA	WS	WS*	WS	FWS	ISOL	FWS	WS
33	NORTH INT. KARNATAKA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INT. KARNATAKA	FWS*	FWS*	SCT	SCT	ISOL	SCT	ISOL
35	KERALA	WS	WS*	WS*	WS*	WS	WS	SCT
36	LAKSHADWEEP	WS	WS	WS	SCT	DRY	ISOL	WS
LEGENDS FOR RAINFALL								
WS	WIDE SPREAD / MOST PLACES (More than 75%)	FWS	FAIRLY WIDE SPREAD / MANY PLACES (51% to 75%)					
SCT	SCATTERED / FEW PLACES (26% to 50%)	ISOL	ISOLATED (Less than 25%)					
MD	MAINLY DRY (Very Light Rainfall)	DRY	DRY (Nil Rainfall)					
RAINFALL ACTIVITY		-	ACTIVE	-	VIGOROUS			

## Reservoir Status (For the week ending on 02.07.2015)

- The Central Water Commission monitors the live storage of **91** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **157.80** billion cubic meters (BCM), which is about 74% of total reservoir capacity in the country.
- Water stock in 91 major reservoirs **increased to** 48.51 BCM from the previous week's level of 43.23 BCM. Current storage is **higher** than the last year's position of 37.62 BCM and more than the average of last 10 year's storage of 33.46 BCM.

**Table – 4: For 91 major reservoirs of the country**

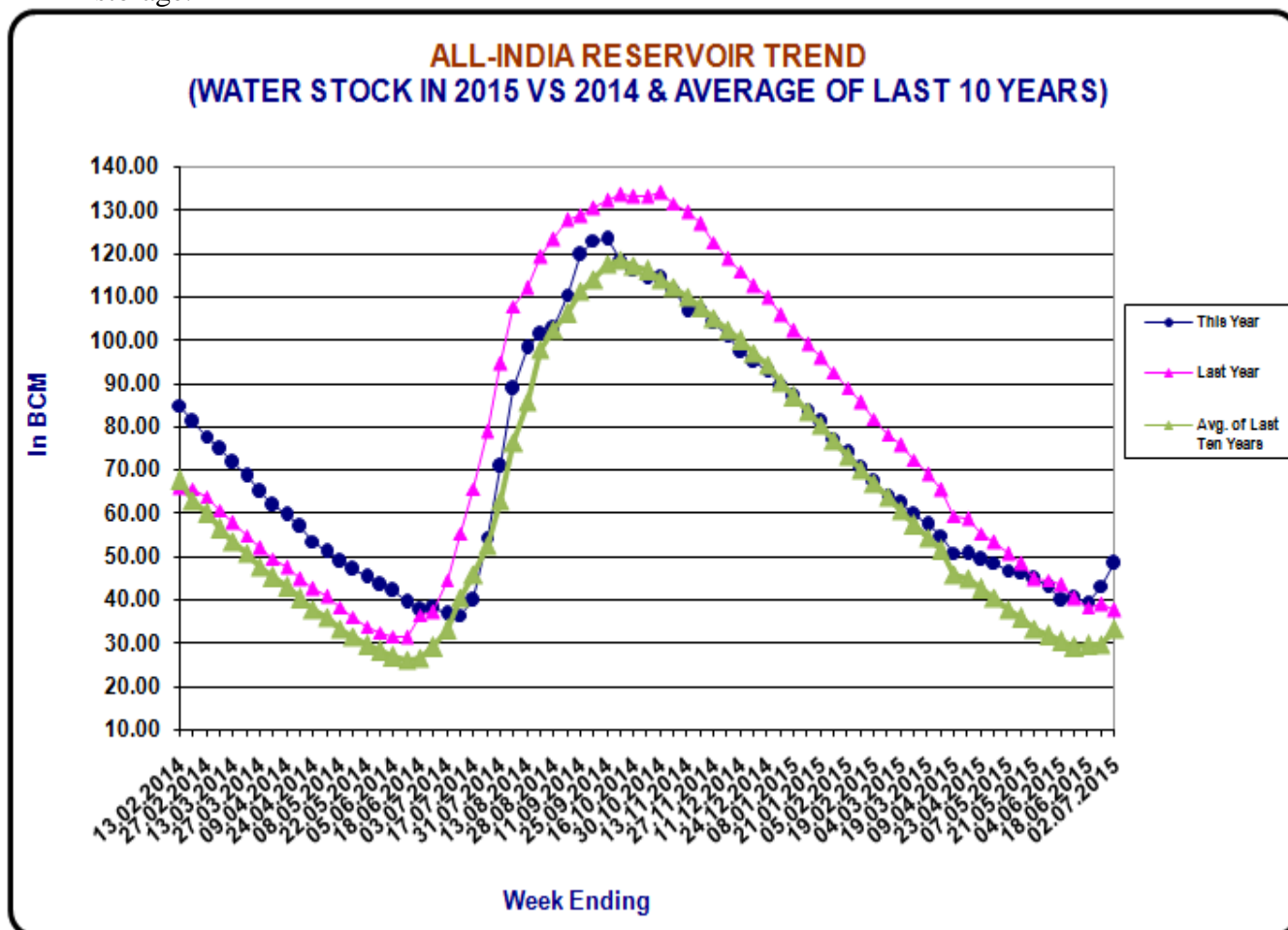
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	31	129	145
Last Week	27	111	146

The percentage to live capacity at FRL was 24% on 02/07/2014, 22% on 02/07/2013, 16% on 28/06/2012 and 27% on 30/06/2011.

\* Live storage as % to Full Reservoir Level (FRL) of 157.80 Billion Cub. Mts.(BCM)

Source: CWC

- There were 74 reservoirs having storage more than 80%, 09 reservoirs having storage between 50% to 80% of Normal Storage, 03 reservoir having storage between 30% to 50% of Normal Storage and 05 reservoir having storage 30% or below of Normal Storage and 02 reservoir having no live storage.



Source: Central Water Commission

\* The State wise details (reservoir position) are given in the Annex. III

## ***Fertilizer Position:***

***Table – 5: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP, MOP, Complex and SSP during Kharif 2015 (As on 30.06.2015)***

*(in '000 Tonne)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>	<i>SSP</i>
<i>Opening Stock as on 01.04.2015</i>	<i>130</i>	<i>224</i>	<i>289</i>	<i>407</i>	<i>256</i>
<i>Requirement for Kharif, 2015</i>	<i>15490</i>	<i>5093</i>	<i>1831</i>	<i>5273</i>	<i>3311</i>
<i>Requirement upto June, 2015</i>	<i>3016</i>	<i>1088</i>	<i>403</i>	<i>1056</i>	<i>711</i>
<i>Availability upto 30.06.2015</i>	<i>7169</i>	<i>2623</i>	<i>697</i>	<i>2313</i>	<i>1230</i>
<i>Sales upto 30.06.2015</i>	<i>6501</i>	<i>1827</i>	<i>300</i>	<i>1400</i>	<i>658</i>
<i>Closing Stock as 30.06.2015</i>	<i>668</i>	<i>796</i>	<i>397</i>	<i>913</i>	<i>573</i>

**Source: Fertilizer Division (DAC) / Deptt. of Fertilizer**

## **Pest & Diseases:**

- The incidence of pest & diseases generally remained below Economic Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

## Crop Situation:

Table: 6

		<i>All India Crop Situation - Kharif (2015-16) as on</i>				03.07.2015		
								(In lakh hectares)
Crop Name	Normal Area for whole Kharif Season	Normal Area as on date	Area sown reported			Absolute Change over (+/-)		
			This Year 2015	% of Normal for whole season	Last Year 2014	Normal as on date	Last Year	
Rice	388.34	63.45	54.03	13.9	53.56	-9.4	0.5	
Jowar	27.27	5.65	4.50	16.5	2.00	-1.2	2.5	
Bajra	84.80	13.49	6.60	7.8	6.87	-6.9	-0.3	
Maize	72.50	23.22	29.77	41.1	17.85	6.6	11.9	
<b>Total Coarse Cereals</b>	<b>204.41</b>	<b>45.20</b>	<b>43.72</b>	<b>21.4</b>	<b>28.92</b>	<b>-1.5</b>	<b>14.8</b>	
<b>Total Cereals</b>	<b>592.75</b>	<b>108.65</b>	<b>97.75</b>	<b>16.5</b>	<b>82.48</b>	<b>-10.9</b>	<b>15.3</b>	
Tur	39.28	5.00	9.25	23.6	3.04	4.3	6.2	
Urad	23.78	2.61	4.99	21.0	1.20	2.4	3.8	
Moong	24.46	4.63	6.02	24.6	2.79	1.4	3.2	
Kulthi	2.67	0.02	0.14	5.2	0.01	0.1	0.1	
Others	18.56	3.47	2.20	11.9	2.69	-1.3	-0.5	
<b>Total Pulses</b>	<b>108.75</b>	<b>15.72</b>	<b>22.61</b>	<b>20.8</b>	<b>9.72</b>	<b>6.9</b>	<b>12.9</b>	
<b>Total Foodgrains</b>	<b>701.50</b>	<b>124.37</b>	<b>120.36</b>	<b>17.2</b>	<b>92.20</b>	<b>-4.0</b>	<b>28.2</b>	
Groundnut	44.97	10.42	15.73	35.0	8.20	5.3	7.5	
Soyabean	104.00	16.98	56.12	54.0	4.67	39.1	51.4	
Sunflower	3.39	0.48	0.35	10.5	0.42	-0.1	-0.1	
Sesamum	18.62	1.15	1.50	8.0	1.09	0.3	0.4	
Nigerseed	3.44	0.02	0.06	1.8	0.00	0.0	0.1	
Castorseed	10.77	0.60	0.42	3.9	0.34	-0.2	0.1	
<b>Total Oilseeds</b>	<b>185.19</b>	<b>29.64</b>	<b>74.17</b>	<b>40.04</b>	<b>14.73</b>	<b>44.5</b>	<b>59.4</b>	
Cotton	114.96	49.51	60.16	52.3	35.42	10.6	24.7	
Sugarcane	48.18	45.31	43.68	90.7	43.92	-1.6	-0.2	
Jute & Mesta	8.77	8.19	7.69	87.7	7.98	-0.5	-0.3	
<b>All- Crops</b>	<b>1058.59</b>	<b>257.03</b>	<b>306.06</b>	<b>28.9</b>	<b>194.25</b>	<b>49.0</b>	<b>111.8</b>	

**Procurement:****Table – 7: Progressive procurement of Wheat as on 30.06.2015 (lakh tonnes)**

<b>State</b>	<b>Total procurement in marketing season 2014-15 (April to March.)</b>	<b>Progressive Procurement as on 30.06.2015</b>	
		<b>In Marketing season 2015-2016</b>	<b>In Marketing season 2014-2015</b>
<b>Punjab</b>	<b>116.41</b>	<b>99.52</b>	<b>107.72</b>
<b>Haryana</b>	<b>64.95</b>	<b>67.56</b>	<b>64.14</b>
<b>Uttar Pradesh</b>	<b>6.28</b>	<b>22.67</b>	<b>6.28</b>
<b>Madhya Pradesh</b>	<b>70.94</b>	<b>72.61</b>	<b>70.94</b>
<b>Rajasthan</b>	<b>21.59</b>	<b>12.98</b>	<b>21.55</b>
<b>All-India</b>	<b>280.23</b>	<b>276.22</b>	<b>270.69</b>