

**F.NO. 3-1/2012-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: 05<sup>th</sup> October, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON  
28.09.2012.**

*Summary observations of the Group on Agenda Items*

- *Cumulative Monsoon Rainfall for the country as a whole during the period 1<sup>st</sup> June to 26<sup>th</sup> September, 2012 is 7% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 7% in North West India, (-) 3% in Central India, (-) 10% in South Peninsula and (-) 10% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 24 met sub-divisions constituting 70% of the total area of the country have received excess / normal rainfall and the remaining 12 met sub-divisions constituting 30% of the total area of the country have received deficient/scanty rainfall.*
- *Out of 628 districts for which data is available, 68 (11%) received excess, 296 (47%) received normal, 237 (38%) received deficient and 27 (4%) received scanty rainfall.*
- *Cumulative deficiency in rainfall of (-) 7% on 26<sup>th</sup> September, 2012 is lower than (-) 22% deficiency recorded on 23.09.2009. Percentage of deficient and scanty rainfall districts (38% and 4% respectively) is also lower in 2012 as compared to (49% and 7%) on 16.09.2009.*
- *Central Water Commission monitors 84 major reservoirs in the country which have a total live capacity of 154.42 BCM at Full Reservoir Level (FRL). Current live storage in these reservoirs as on 27<sup>th</sup> September, 2012 was 115.83 BCM as against 133.00 BCM on 27.09.2011(last year) and 108.91 BCM of normal storage (average storage of the last 10 years). Current year's storage is 87% of the last year's and 106% of the normal storage. Major States reporting lower than normal storage are Jharkhand, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra and Tamil Nadu.*
- *Basin level reservoir storage (with reference to average storage) was lower by (-) 52% in Rivers of Kutch, (-) 28% in Cauvery, (-) 24% in Krishna, (-) 18% in West flowing rivers of South, (-) 14% in Godavari and higher by 64% in Sabarmati, 63% in Ganga, 50% in Narmada, 25% in Mahi, 10% in Mahanadi, 8% in Indus and 6% in Tapi basin.*

- *1<sup>st</sup> Advance Estimates of area coverage and production for Kharif season 2012-13 have been released on 24.09.2012. Area coverage during Kharif 2012-13 has been reported as 1015.02 lakh ha. as compared to 1086.50 lakh ha. in 2011-12 (4<sup>th</sup> advance estimates).*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the month of August 2012, decreased to 10.08% from the level of 10.39% in the month of July, 2012. The inflation rate was 12.46% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 12.85% from the previous month's level of 6.67%, Rice to 10.29% from the previous month's level of 10.12%, Pulses to 34.39% from the previous month's level of 28.26% and Cereals to 10.71% from the previous month's level of 8.29%.*
- *The inflation for non-food items has increased to 13.75% from the previous month's level of 13.05% and for the food items has decreased to 9.14% from the previous month's level of 10.06%.*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### Monsoon Rainfall (June - September) during the week ending on 19<sup>th</sup> September), 2012

- **Widespread rainfall** occurred over Andaman & Nicobar Islands, Arunachal Pradesh and Sub-Himalayan West Bengal & Sikkim for most days; over East Uttar Pradesh, Himachal Pradesh and Kerala for many days; over Jharkhand, Bihar, Uttarakhand, Konkan & Goa and Coastal Karnataka for a few days and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Punjab, Jammu & Kashmir and Lakshadweep for one or two days during the week.
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- **Fairly widespread rainfall** occurred over Assam & Meghalaya, Gangetic West Bengal and Coastal Karnataka for many days; over Bihar, West Uttar Pradesh and Uttarakhand for a few days and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, East Madhya Pradesh, Gujarat Region, Konkan & Goa and Lakshadweep for one or two days during the week.
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- **Scattered rainfall** occurred over Odisha for most days; over Nagaland, Manipur, Mizoram & Tripura, West Uttar Pradesh and Haryana, Chandigarh & Delhi for many days; over East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa and Chhattisgarh for a few days and over Gangetic West Bengal, East Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Jammu & Kashmir, Rajasthan, West Madhya Pradesh, Gujarat Region, Vidarbha, Telangana, Tamilnadu & Puducherry, interior Karnataka, Kerala and Lakshadweep for one or two days during the week.
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- **Isolated rainfall** occurred over West Rajasthan, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh, Telangana, Tamilnadu & Puducherry and interior Karnataka for most days; over East Rajasthan, West Madhya Pradesh, Gujarat, Marathawada and Rayalaseema for many days; over East Madhya Pradesh for a few days and over Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Bihar, Haryana, Chandigarh & Delhi, Punjab, Jammu & Kashmir, Chhattisgarh Kerala and Lakshadweep for one or two days during the week.
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- Weather was mainly **dry** over the rest region of the country.
  
- **Rainfall during the week (01<sup>st</sup> June - 26<sup>th</sup> September, 2012)** was 10 met sub-divisions received excess / normal rainfall and 16 met sub-divisions received deficient / scanty rainfall.
  
- **Cumulative rainfall (01<sup>st</sup> June - 26<sup>th</sup> September, 2012)** was excess / normal in 24 met sub-divisions rainfall and 12 met sub-divisions received deficient / scanty rainfall out of 36 met sub-divisions.

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

Region	Week Ending (26.09.2012)				Cumulative (01.06.12 to 26.09.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	1.1	20.5	-94	S	568.8	608.5	-7	N
Central India	23.6	33.8	-30	D	930.3	959.0	-3	N
South Peninsular India	18.0	41.7	-57	D	619.8	691.2	-10	N
East & North-East India	69.3	60.5	15	N	1263.9	1403.3	-10	N
Country as a whole	22.9	35.5	-36	D	811.3	869.4	-7	N

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

Source: India Meteorological Department, New Delhi

***Weather Outlook / Forecast for the period 27<sup>th</sup> September – 03<sup>rd</sup> October , 2012 by IMD***

***Outlook for the Week Ending 03<sup>rd</sup> October, 2012***

- *Rain/thundershowers would occur at many places over Northeastern States, Karnataka and Andhra Pradesh.*
- *Rain/thundershowers would occur at a few places over Eastern States, Interior Peninsular and adjoining Central India.*

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

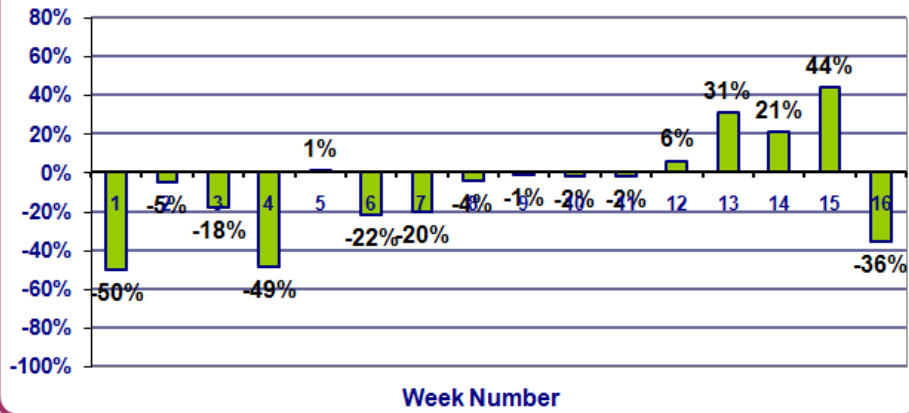
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.

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

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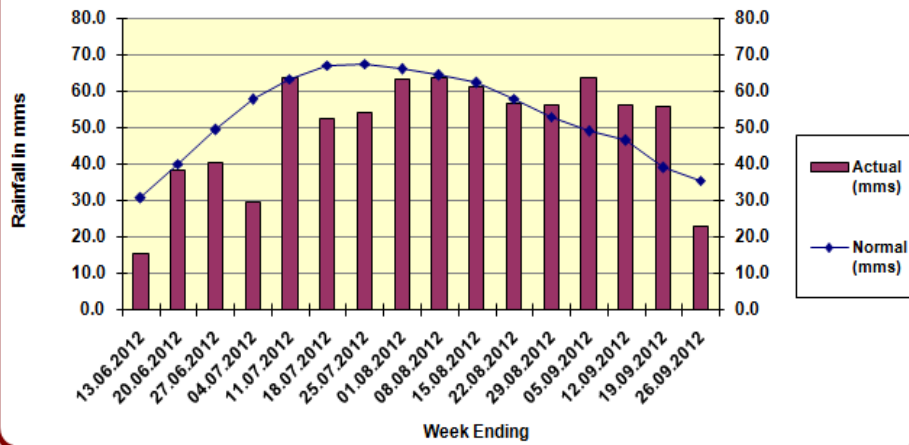
### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2012 - from 01.06.2012 to 26.09.2012)



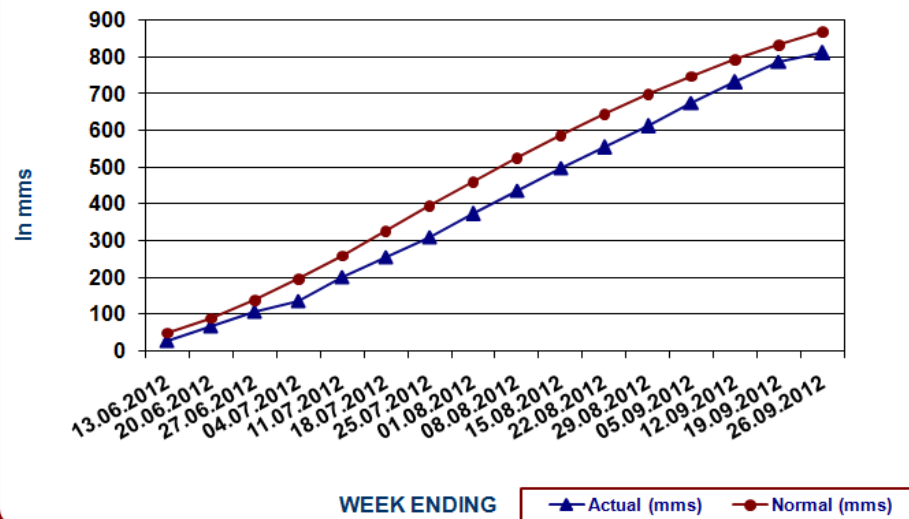
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### Weekly Rainfall Distribution in Monsoon 2012 - All India



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### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2012



## Reservoir Status (For the week ending on 27.09.2012)

- The **Central Water Commission** monitors the live storage of **84** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **154.42** billion cubic meters (BCM), which is about 73% of total reservoir capacity in the country.
- Water stock in 84 major reservoirs **increased** to 115.83 BCM from the previous week's level of 114.80 BCM. Current storage is **less** than the last year's position of 133.00 BCM and lower than the average of last 10 year's storage of 108.91 BCM.

**Table – 2: For 84 major reservoirs of the country**

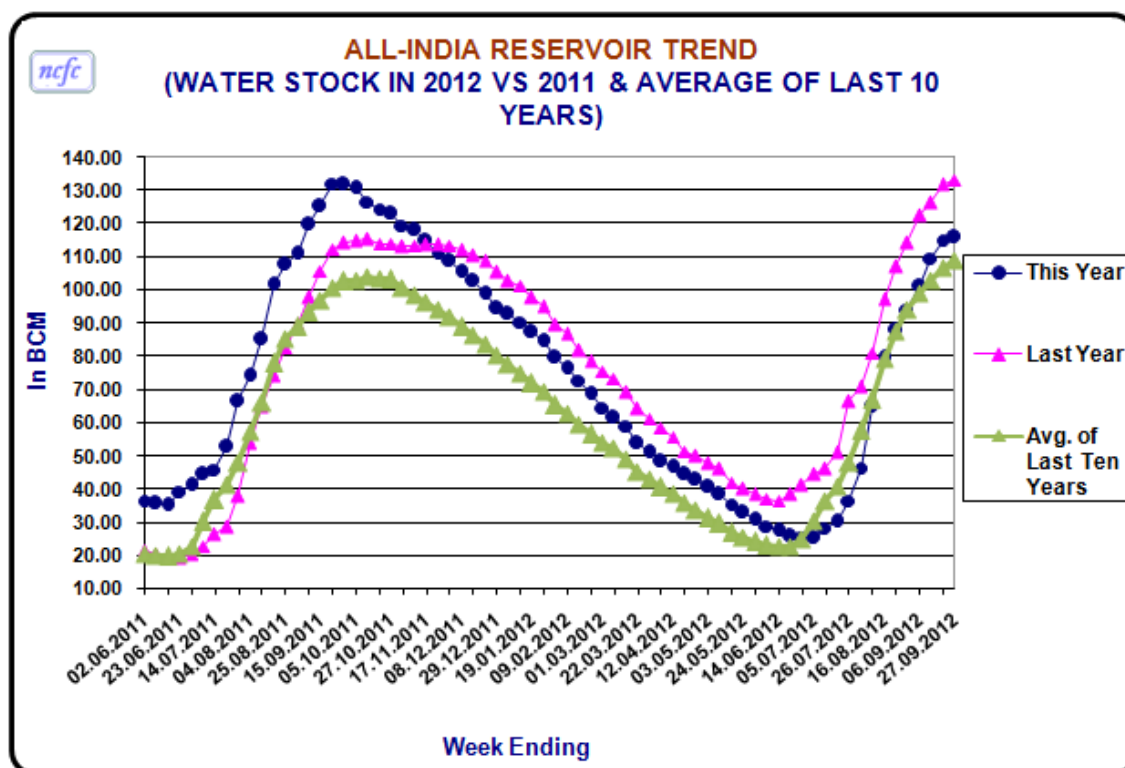
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	75	87	106
Last Week	74	87	108

The percentage to live capacity at FRL was 86% on 27/09/2011, 75% on 27/09/2010, 59% on 24/09/2009 and 73% on 25/09/2008.

\* *Live storage as % to Full Reservoir Level (FRL) of 154.42 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 57 reservoirs having storage more than 80%, 13 reservoirs having storage between 50% to 80% of Normal Storage, 6 reservoir having storage between 30% to 50% of Normal Storage and 8 reservoir having storage 30% or below of Normal Storage.



Source: Central Water Commission

### ***Fertilizer Position:***

***Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April to September 2012***

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Opening Stock as on 01.04.2012</i>	<i>388</i>	<i>449</i>	<i>172</i>	<i>1032</i>
<i>Requirement for April to September, 2012</i>	<i>15082</i>	<i>6940</i>	<i>2198</i>	<i>5553</i>
<i>Availability as on 27.09.2012</i>	<i>12822</i>	<i>4248</i>	<i>1305</i>	<i>4310</i>
<i>Sales as on 27.09.2012</i>	<i>12248</i>	<i>3003</i>	<i>877</i>	<i>3360</i>
<i>Closing Stock as on 27.09.2012</i>	<i>576</i>	<i>1245</i>	<i>428</i>	<i>950</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.

Table: 4

<b>All India Crop Situation - Kharif (2012-13)</b>				
				(In lakh hectares)
Crop Name	Average Area for whole Kharif Season	Area sown reported		
		1st Adv. Estimates 2012-13	% of Average for whole season	4th Adv. Estimates 2011-12
<b>Rice</b>	<b>391.10</b>	<b>391.62</b>	100.1	<b>400.68</b>
<b>Jowar</b>	<b>32.88</b>	24.12	73.4	25.96
<b>Bajra</b>	<b>92.70</b>	65.11	70.2	86.95
<b>Maize</b>	<b>70.64</b>	71.92	101.8	73.88
<b>Total Coarse Cereals</b>	<b>218.58</b>	<b>178.17</b>	81.5	<b>206.73</b>
<b>Total Cereals</b>	<b>609.68</b>	<b>569.79</b>	<b>93.5</b>	<b>607.41</b>
<b>Tur</b>	<b>37.00</b>	36.86	99.6	40.40
<b>Urad</b>	<b>23.11</b>	22.86	98.9	24.15
<b>Moong</b>	<b>26.29</b>	19.63	9.2	26.78
<b>Others</b>	<b>23.36</b>	15.90	68.1	22.12
<b>Total Pulses</b>	<b>109.75</b>	<b>95.24</b>	<b>86.8</b>	<b>113.45</b>
<b>Total Foodgrains</b>	<b>719.43</b>	<b>665.03</b>	<b>92.4</b>	<b>720.86</b>
<b>Groundnut</b>	<b>49.94</b>	37.81	75.7	42.97
<b>Soyabean</b>	<b>92.11</b>	105.88	114.9	101.79
<b>Sunflower</b>	<b>6.33</b>	2.10	33.2	2.65
<b>Sesamum</b>	<b>18.67</b>	17.12	91.7	19.17
<b>Niger</b>	<b>4.03</b>	2.91	72.1	3.64
<b>Castor</b>	<b>7.79</b>	9.28	119.1	14.69
<b>Total Oilseed</b>	<b>178.89</b>	<b>175.09</b>	<b>97.9</b>	<b>184.91</b>
<b>Cotton</b>	<b>98.66</b>	116.14	117.7	121.78
<b>Sugarcane</b>	<b>47.36</b>	51.00	107.7	50.87
<b>Jute</b>	<b>7.96</b>	7.76	97.5	8.09
<b>All- Crops</b>	<b>1052.30</b>	<b>1015.02</b>	<b>96.5</b>	<b>1086.50</b>
1st Advance Estimates 2012-13 as on 24.09.2012.				



**Table - 5 : Percentage Variations in the Wholesale Price Indices (WPI) of Major items**

Period / commodities	Weight	Inflation (year on year)		
		August, 2012	July, 2012	August, 2011
<b>All Commodities</b>	<b>100</b>	<b>7.55</b>	<b>6.87</b>	<b>9.78</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.08</b>	<b>10.39</b>	<b>12.46</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>9.14</b>	<b>10.06</b>	<b>9.62</b>
<b>Cereals</b>	<b>3.37</b>	<b>10.71</b>	<b>8.29</b>	<b>5.16</b>
Rice	1.79	10.29	10.12	5.17
Wheat	1.12	12.85	6.67	-2.09
<b>Pulses</b>	<b>0.72</b>	<b>34.39</b>	<b>28.26</b>	<b>-4.26</b>
Gram	0.33	64.49	63.45	19.84
Arhar	0.13	21.54	10.03	-11.53
Moong	0.08	5.07	-0.40	-18.59
Masur	0.05	27.26	23.43	-19.49
Urad	0.10	1.05	-7.44	-19.63
<b>Vegetables</b>	<b>1.74</b>	<b>9.98</b>	<b>24.11</b>	<b>13.17</b>
Potato	0.20	68.86	72.96	16.13
Onions	0.18	-20.67	-9.81	48.63
Fruits	2.11	1.14	-0.15	23.35
Milk	3.24	6.68	8.01	9.41
Egg, Meat & Fish	2.41	13.77	16.00	10.42
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>13.75</b>	<b>13.05</b>	<b>18.21</b>
Oilseeds	1.78	28.33	25.22	16.55
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>8.32</b>	<b>5.98</b>	<b>12.04</b>

## Procurement:

**Table – 6: Progressive procurement of Rice as on 28.09.2012 (lakh tonnes)**

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 28.09.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	75.47	95.37
Chhattisgarh	37.39	41.15	37.26
Haryana	16.87	20.07	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.78	2.08
Orissa	24.76	28.41	24.66
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	15.09
Uttar Pradesh	24.66	33.50	24.46
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	19.38	12.33
All-India	340.94	349.24	336.90