

**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: 21<sup>st</sup> September, 2012

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON 14.09.2012.**

*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 12<sup>th</sup> September, 2012 is 8% less than LPA. Rainfall in the four broad geographical divisions of the country during the above period was (-) 12% in North West India, (-) 1% in Central India, (-) 5% in South Peninsula and (-) 16% in East & North East India.*
- *Out of a total of 36 met sub-divisions, 24 met sub-divisions constituting 67% of the total area of the country have received excess / normal rainfall and the remaining 13 met sub-divisions constituting 33% of the total area of the country have received deficient/scanty rainfall.*
- *Out of 628 districts for which data is available, 67 (11%) received excess, 278 (44%) received normal, 246 (39%) received deficient and 37 (6%) received scanty rainfall.*
- *The withdrawal of monsoon, which normally commences on 1<sup>st</sup> September, has been delayed this year.*
- *Cumulative deficiency in rainfall of (-) 8% on 12<sup>th</sup> September, 2012 is lower than (-) 20% deficiency recorded on 09.09.2009. Percentage of deficient and scanty rainfall districts (37% and 6% respectively) is also lower in 2012 as compared to (49% and 9%) on 09.09.2009.*
- *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 13<sup>th</sup> September, 2012 was 109.37 BCM as against 126.27 BCM on 13.09.2011(last year) and 102.84 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 Himachal Pradesh, Punjab, Tripura, Andhra Pradesh, Karnataka, Kerala, Maharashtra and Tamil Nadu.*
- *Basin level reservoir storage (with reference to average storage) was lower by (-) 56% in Rivers of Kutch, (-) 23% in Cauvery, (-) 22% in Krishna, (-) 18% in West flowing rivers of South, (-) 11% in Godavari, (-) 4% in Indus, (-) 1% in Tapi and higher by 65% in Narmada, 64% in Ganga, 56% in Sabarmati, 29% in Mahi and 8% in Mahanadi basin.*

- *983.68 lakh ha. area had been sown under various Kharif crops upto 14.09.2012 as compared to average sown area of 995.78 lakh ha. upto the corresponding period of previous years. Area coverage is higher by 9.2 lakh ha. in Rice, 12.0 lakh ha. in Soyabean, 6.2 lakh ha. Sugarcane, 6.0 lakh ha.in Cotton and 2.3 lakh ha. in Urad. Major decline (compared to average area) has been reported under Bajra (-20.5 lakh ha.), Jowar (-5.8 lakh ha.), Moong (-3.8 lakh ha.), Tur (-1.6 lakh ha.), Groundnut (-9.8 lakh ha.), Sunflower (-2.3 lakh ha.) and Sesamum (-1.6 lakh ha.)*
- *Retail prices of Pulses (per kg) in Delhi during last 3 and a half months (30<sup>th</sup> May, 2012 to 13<sup>th</sup> September, 2012) have increased from Rs. 60 to Rs. 70 for Gram dal, Rs. 69 to Rs. 82 for Arhar, Rs. 72 to Rs. 73 for Urad, Rs. 71 to Rs. 75 for Moong and Rs. 55 to Rs. 64 for Masoor dal. Prices of Sugar have also increased from Rs. 35 to Rs. 40 in the last three months. Similar rise in prices is also observed in other Metros.*

## 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 12<sup>th</sup> September), 2012

- **Widespread rainfall** occurred over Konkan & Goa and Coastal Karnataka for most days; over Andaman & Nicobar Islands, Jharkhand and Lakshadweep for many days; over West Madhya Pradesh for a few days and over Arunachal Pradesh, West Bengal & Sikkim, Odisha, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, East Madhya Pradesh, Gujarat, Marathawada, Vidarbha, Chhattisgarh and Kerala for one or two days during the week.
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- **Fairly widespread rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura and Gujarat Region for many days; over Odisha, Jammu & Kashmir, West Rajasthan, East Madhya Pradesh, Vidarbha and Chhattisgarh for a few days and over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, West Bengal & Sikkim, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh, Telangana, Kerala and Lakshadweep for one or two days during the week.
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- **Scattered rainfall** occurred over Madhya Maharashtra and Coastal Andhra Pradesh for many days; over Uttarakhand, Himachal Pradesh, Chhattisgarh and Kerala for a few days and over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Odisha, Jharkhand, Bihar, Uttar Pradesh, Punjab, Jammu & Kashmir, East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Marathawada, Vidarbha, Telangana, Tamilnadu & Puducherry and interior Karnataka for one or two days during the week.
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- **Isolated rainfall** occurred over West Uttar Pradesh and Haryana, Chandigarh & Delhi for most days; over Arunachal Pradesh, Bihar, East Uttar Pradesh, Punjab, West Rajasthan, Rayalaseema, Tamilnadu & Puducherry and interior Karnataka for many days; over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Uttarakhand, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, Marathawada, Vidarbha, Coastal Andhra Pradesh, Telangana and Lakshadweep for one or two days during the week.
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- Weather was **dry** over the rest region of the country.
  
- **Rainfall during the week (01<sup>st</sup> June - 12<sup>th</sup> September, 2012)** was 21 met sub-divisions received excess / normal rainfall and 15 met sub-divisions received deficient / scanty rainfall.
  
- **Cumulative rainfall (01<sup>st</sup> June - 12<sup>th</sup> September, 2012)** was excess / normal in 23 met sub-divisions rainfall and 13 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 (12.09.2012)				Cumulative (01.06.12 to 12.09.12)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	38.2	35.3	8	N	496.7	564.4	-12	N
Central India	85.9	52.0	65	E	874.9	887.4	-1	N
South Peninsular India	32.9	31.7	4	N	581.8	613.5	-5	N
East & North-East India	56.1	74.8	-25	D	1069.8	1268.4	-16	N
Country as a whole	56.1	46.5	21	E	732.1	795.0	-8	N

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

Source: India Meteorological Department, New Delhi

### *Weather Outlook / Forecast for the period 13<sup>th</sup> - 19<sup>th</sup> September , 2012 by IMD*

#### *Outlook for the Week Ending 19<sup>th</sup> September, 2012*

- *Rain/thundershowers would occur at many places over eastern & northeastern states.*
- *Rain/thundershowers would occur at a few places over northwest and 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*

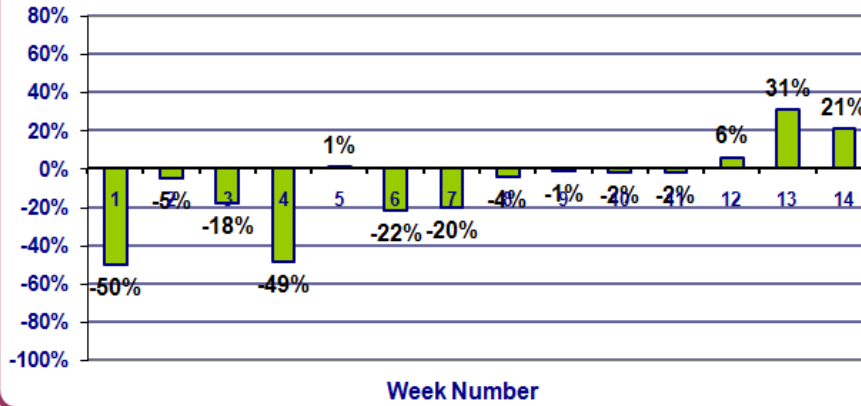
*South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.*

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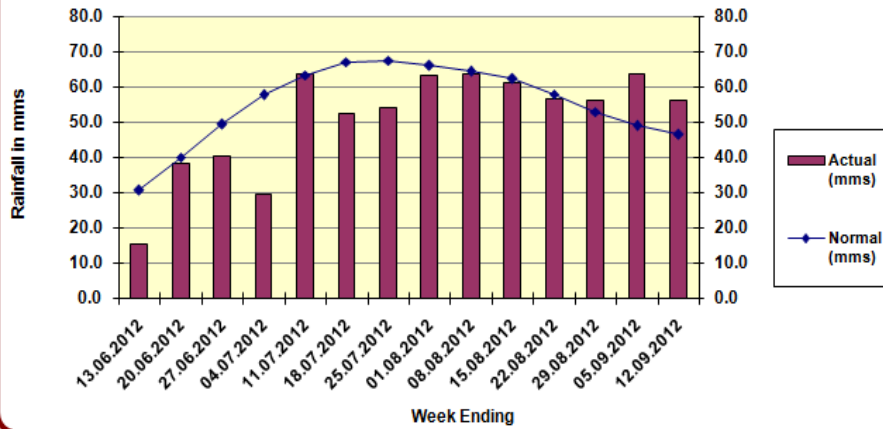
### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

(Monsoon 2012 - from 01.06.2012 to 12.09.2012)



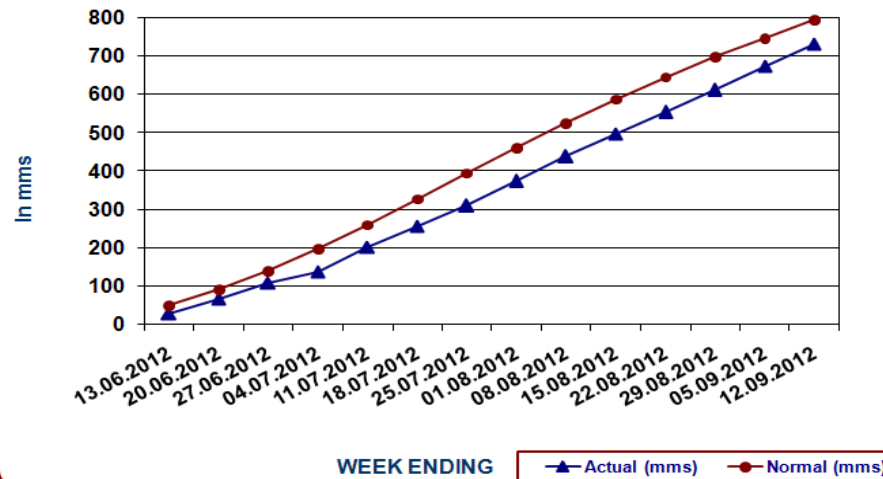
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### Weekly Rainfall Distribution in Monsoon 2012 - All India



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



## Reservoir Status (For the week ending on 13.09.2012)

- 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 109.37 BCM from the previous week's level of 100.81 BCM. Current storage is **less** than the last year's position of 126.27 BCM and lower than the average of last 10 year's storage of 102.84 BCM.

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

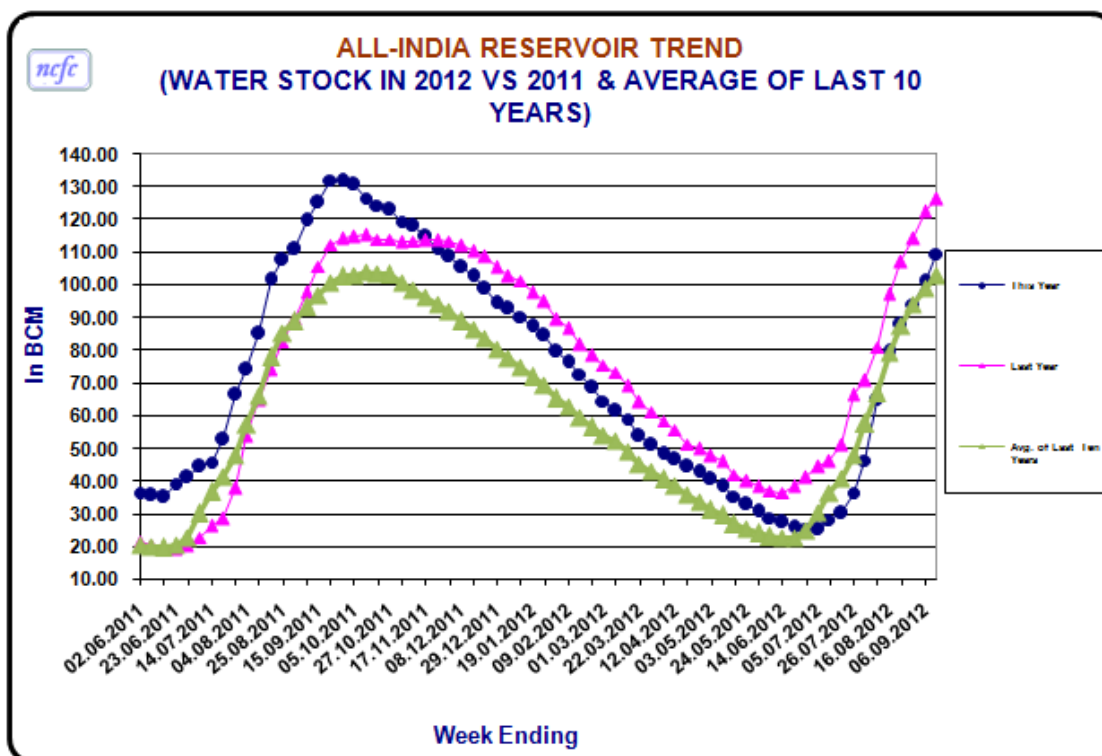
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	71	87	106
Last Week	65	83	102

The percentage to live capacity at FRL was 82% on 13/09/2011, 72% on 13/09/2010, 58% on 13/09/2009 and 69% on 13/09/2008.

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

Source: CWC

- There were 56 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 9 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 13.09.2012</i>	<i>11600</i>	<i>3713</i>	<i>1196</i>	<i>4000</i>
<i>Sales as on 13.09.2012</i>	<i>11278</i>	<i>2720</i>	<i>842</i>	<i>3196</i>
<i>Closing Stock as on 13.09.2012</i>	<i>322</i>	<i>993</i>	<i>354</i>	<i>904</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) as on 14-09-2012</b>							
							(In lakh hectares)
Crop Name	Average Area for whole Kharif Season	Average Area as on date	Area sown reported			Absolute Change over (+/-)	
			This Year 2012	% of Average for whole season	Last Year 2011	Average as on date	Last Year
Rice	391.10	352.47	361.64	92.5	379.01	9.2	-17.4
Jowar	32.88	29.86	24.01	73.0	26.09	-5.8	-2.1
Bajra	92.70	81.35	60.84	65.6	79.15	-20.5	-18.3
Maize	70.64	73.14	74.01	104.8	74.93	0.9	-0.9
<b>Total Coarse Cereals</b>	<b>218.58</b>	<b>204.31</b>	<b>175.83</b>	<b>80.4</b>	<b>198.31</b>	<b>-28.5</b>	<b>-22.5</b>
<b>Total Cereals</b>	<b>609.68</b>	<b>556.78</b>	<b>537.47</b>	<b>88.2</b>	<b>577.32</b>	<b>-19.3</b>	<b>-39.9</b>
Tur	37.00	37.82	36.17	97.8	37.61	-1.6	-1.4
Urad	23.11	21.50	23.77	102.9	21.84	2.3	1.9
Moong	26.29	23.49	19.70	9.2	22.28	-3.8	-2.6
Others	23.36	19.29	19.28	82.6	23.40	0.0	-4.1
<b>Total Pulses</b>	<b>109.75</b>	<b>102.10</b>	<b>98.94</b>	<b>90.1</b>	<b>105.14</b>	<b>-3.2</b>	<b>-6.2</b>
<b>Total Foodgrains</b>	<b>719.43</b>	<b>658.88</b>	<b>636.41</b>	<b>88.5</b>	<b>682.46</b>	<b>-22.5</b>	<b>-46.1</b>
Groundnut	49.94	47.88	38.11	76.3	42.87	-9.8	-4.8
Soyabean	92.11	94.98	107.00	116.2	103.23	12.0	3.8
Sunflower	6.33	4.56	2.30	36.2	2.69	-2.3	-0.4
Sesamum	18.67	14.92	13.34	71.5	14.81	-1.6	-1.5
Niger	4.03	2.30	1.92	47.5	1.63	-0.4	0.3
Castor	7.79	8.13	8.50	109.1	11.74	0.4	-3.2
<b>Total Oilseed</b>	<b>178.89</b>	<b>172.76</b>	<b>171.17</b>	<b>95.7</b>	<b>176.97</b>	<b>-1.6</b>	<b>-5.8</b>
Cotton	98.66	108.42	114.44	116.0	120.04	6.0	-5.6
Sugarcane	47.36	46.72	52.88	111.7	50.63	6.2	2.3
Jute	7.96	9.00	8.78	110.4	9.19	-0.2	-0.4
<b>All- Crops</b>	<b>1052.30</b>	<b>995.78</b>	<b>983.68</b>	<b>93.5</b>	<b>1039.29</b>	<b>-12.1</b>	<b>-55.6</b>
Source: Crops & TMOP Divisions, DAC							



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

Period / commodities	Weight	Inflation (year on year)		
		July, 2012	June, 2012	June , 2011
<b>All Commodities</b>	<b>100</b>	<b>6.87</b>	<b>7.25</b>	<b>9.36</b>
<b>Primary Articles</b>	<b>20.12</b>	<b>10.39</b>	<b>10.46</b>	<b>11.47</b>
<b>(a) Food Articles</b>	<b>14.34</b>	<b>10.06</b>	<b>10.81</b>	<b>8.19</b>
<b>Cereals</b>	<b>3.37</b>	<b>8.29</b>	<b>6.70</b>	<b>5.20</b>
Rice	1.79	10.12	7.46	2.41
Wheat	1.12	6.67	6.82	1.79
<b>Pulses</b>	<b>0.72</b>	<b>28.26</b>	<b>20.48</b>	<b>-7.48</b>
Gram	0.33	63.45	59.48	16.46
Arhar	0.13	10.03	0.54	-18.99
Moong	0.08	-0.40	-5.64	-19.71
Masur	0.05	23.43	18.52	-25.05
Urad	0.10	-7.44	-16.72	-16.89
<b>Vegetables</b>	<b>1.74</b>	<b>24.11</b>	<b>48.84</b>	<b>7.79</b>
Potato	0.20	72.96	75.85	7.03
Onions	0.18	-9.81	-9.40	27.15
Fruits	2.11	-0.15	-3.64	14.82
Milk	3.24	8.01	7.30	10.77
Egg, Meat & Fish	2.41	16.00	16.25	9.56
<b>(b) Non-Food Articles</b>	<b>4.26</b>	<b>13.05</b>	<b>6.85</b>	<b>15.77</b>
Oilseeds	1.78	25.22	18.53	13.93
<b>Fuel &amp; Power</b>	<b>14.91</b>	<b>5.98</b>	<b>10.27</b>	<b>12.04</b>

## Procurement:

**Table – 6: Progressive procurement of Rice as on 14.09.2012 (lakh tonnes)**

State	Total procurement in marketing season 2010-11 (Oct. – Sept.)	Progressive Procurement as on 14.09.2012	
		In Marketing season 2011-2012	In Marketing season 2010-2011
Andhra Pradesh	96.10	75.40	95.06
Chhattisgarh	37.39	41.15	37.07
Haryana	16.87	20.07	16.87
Kerala	2.63	3.72	2.60
Maharashtra	3.08	1.78	2.08
Orissa	24.76	28.38	24.64
Punjab	86.35	77.31	86.35
Tamil Nadu	15.83	15.96	14.60
Uttar Pradesh	24.66	33.50	24.46
Uttaranchal	4.22	3.78	3.99
West Bengal	13.10	18.93	11.52
All-India	340.94	348.70	334.89