

**F.NO. 3-1/2010-NCFC – E&S  
GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE  
DEPARTMENT OF AGRICULTURE & COOPERATION  
(NATIONAL CROP FORECASTING CENTRE)**

Room No. 344-A, Krishi Bhawan  
New Delhi, Dated: 25<sup>th</sup> January, 2011

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 21.01.2011.**

*Summary observations of the Group on Agenda Item*

- *In the winter season, cumulative rainfall received for the country as a whole during the period 1<sup>st</sup> January to 19<sup>th</sup> January, 2010 was 5.3 mm which is 50% less than the L.P.A.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 99.57 BCM on 13.01.2011 to 95.23 BCM on 20.01.2011.*
- *Area sown reported till 21.01.2011 under Wheat, Coarse Cereals, Pulses and Oilseeds was 106%, 93%, 123% and 93% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 101% of the normal area under rabi crops have been sown upto 21.01.2011, area sown under all rabi crops taken together has been reported to be 604.27 lakh hectares at All India level as compared to 588.98 lakh hectares in the corresponding period of 2010.*
- *As compared to last year area reported was higher by 9.4 lakh ha. under Wheat, 9.5 lakh ha. under Gram and 7.2 lakh ha. under Rapeseed & Mustard. Area coverage is lower by 4.2 lakh ha. under Rice, 4.0 lakh ha. under Jowar and 3.2 lakh ha. under Sunflower .*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for all crops.*
- *The Primary Articles inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending. 08.01.2011 decreased to 17.03% from the previous week's level of 17.58%. The inflation rate was 18.88% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has decreased to -6.11% from the previous week's level of -4.87% and Pulses to -14.92% from the previous week's level to -14.84%; Rice has increased to 2.86% from the previous week's level of 1.34% and for Cereals to 0.23% from the previous week's level of -0.12%.*

- *The inflation for non-food items has increased to 23.07% from the previous week's level of 20.49% and for the food items has decreased to 15.52% from the previous week's level of 16.91%.*
- *All-India progressive procurement of Rice for the marketing season 2010-11 as on 21.01.2011 was 174.14 lakh tonnes as compared to 185.09 lakh tonnes upto the corresponding period of last year.*

## Salient aspects of discussions / presentations in the meeting

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

#### **Winter Rainfall (January - February) during the week ending on 19<sup>th</sup> January, 2011**

- **Widespread rainfall** occurred over Assam & Meghalaya, Himachal Pradesh and Jammu & Kashmir during one or two days of the week.
- **Fairly widespread rainfall** occurred over Nagaland, Manipur, Mizoram & Tripura, Uttarakhand and Punjab during one or two days of the week.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands, Uttarakhand, Punjab and Jammu & Kashmir during one or two days of the week.
- **Isolated rainfall** occurred over Haryana, Chandigarh & Delhi during a few days of the week and over Andaman & Nicobar Islands, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Uttarakhand, Punjab, Himachal Pradesh, Jammu & Kashmir, East Rajasthan and Tamil Nadu & Puducherry during one or two days of the week.
- Weather was **dry** over the rest regions of the country.
- Rainfall during the week was excess /normal in 7 and deficient / scanty in 10 and no rain in 19 met sub-divisions.
- **Cumulative rainfall (1<sup>st</sup> January to 19<sup>th</sup> January, 2011)** was excess / normal in 4 met sub-divisions, deficient / scanty in 21 met sub-divisions and no rain in 11 met sub-divisions.

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

Region	Week Ending (19.01.2011)				Cumulative (01.01.11 to 19.01.11)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devi-ation (%)	Cate-gory
Actual	Normal	Actual			Normal			
North-West India	9.4	8.3	14	N	11.0	19.3	-43	D
Central India	0.0	1.8	-100	NR	0.0	5.1	-99	S
South Peninsular India	0.2	2.1	-89	S	5.2	6.3	-18	N
East & North-East India	3.8	4.8	-22	D	5.8	11.3	-48	D
Country as a whole	3.5	4.3	-18	N	5.3	10.7	-50	D

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

Source: India Meteorological Department, New Delhi

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.

## Temperature

### Minimum Temperatures

- Markedly below normal over Madhya Pradesh, Orissa, Gujarat Region, Vidarbha and Interior Karnataka during one or two days of the week.
- Below normal to appreciably below normal over Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra, Telangana, Rayalseema and Coastal & North Interior Karnataka during most days, over Andaman & Nicobar Islands, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Orissa, Jharkhand, Bihar, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu & Kashmir, Madhya Pradesh, Chhattisgarh, Coastal Andhra Pradesh and South Interior Karnataka during many days, over Nagaland, Manipur, Mizoram & Tripura, East Rajasthan and Gujarat Region during a few days and over Assam & Meghalaya, Uttarakhand, Haryana, Chandigarh & Delhi, West Rajasthan, Saurashtra & Kutch And Tamil Nadu & Puducherry during one or two days of the week.
- Above normal to appreciably above normal over Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir, Rajasthan, East Mahdy Pradesh, Saurashtra & Kutch, Kerala and Lakshadweep during one or two days of the week.
- Minimum temperatures were normal over the rest regions of the country.

## ***Weather Outlook / Forecast for the period 20<sup>th</sup> - 26<sup>th</sup> January, 2011 by IMD***

### **Outlook for the Week Ending 26<sup>th</sup> January, 2011**

- *Isolated rain/snowfall would occur over Jammu & Kashmir, Himachal Pradesh and Uttarakhand during 1<sup>st</sup> half of the week.*
- *Scattered rain/thundershowers would occur over Peninsular India and Northeastern states during 2<sup>nd</sup> half of the week.*
- *Dry weather would prevail over remaining parts of the country.*

### **Zone-wise Weather Forecast:**

#### ***North-West India (J&K, HP, Uttarakhand, Punjab, Haryana, Delhi, West UP)***

- *Rain/thundershowers at isolated places over Himachal Pradesh, Jammu & Kashmir and Uttarakhand.*
- *Mainly dry weather over the rest region.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Mainly dry weather over the region.*

#### ***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers at isolated places over Arunachal Pradesh.*
- *Mainly dry weather over the rest region.*

#### ***South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)***

- *Rain/thundershower at isolated places over Andaman & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

#### ***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Mainly dry weather over the region.*

#### ***Central India (MP, Chhattisgarh, Vidarbha)***

- *Mainly dry weather over the region.*

## Reservoir Status (For the week ending on 20.01.2011)

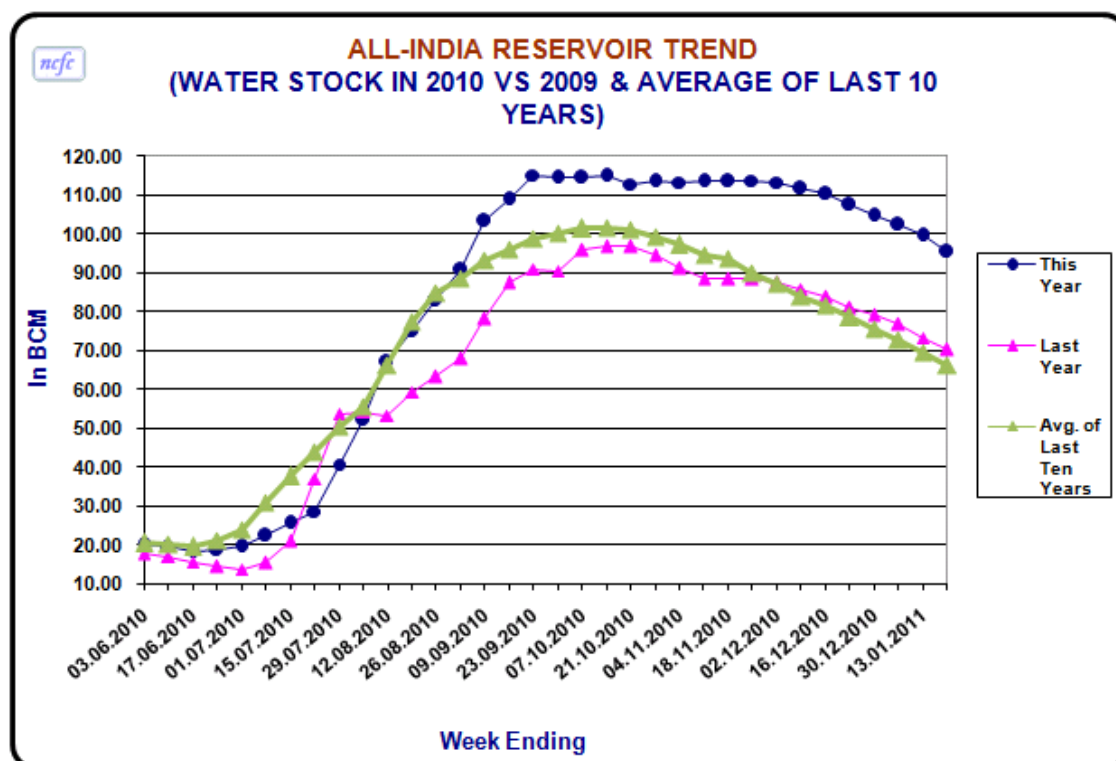
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 95.23 BCM from the previous week's level of 99.57 BCM. Current storage is **more** than the last year's position of 70.04 BCM and average of last 10 year's storage of 66.07 BCM.

**Table – 2: For 81 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	63	136	144
Last Week	66	136	144
The percentage to live capacity at FRL was 46% on 20/01/2010, 46% on 20/01/2009, 55% on 17/01/2008 and 59% on 17/01/2007.			
* Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)			

Source: CWC

- There were 65 reservoirs having storage more than 80%, 9 reservoirs having storage between 50% to 80% of Normal Storage, 4 reservoirs having storage between 30% to 50% of Normal Storage and 3 reservoirs having storage below 30% 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 October 2010 to January 2011***

*(in '000 Tonnes)*

<b><i>Availability / Sale / Closing Stock</i></b>	<b><i>Urea</i></b>	<b><i>DAP</i></b>	<b><i>MOP</i></b>	<b><i>Complex</i></b>
<b><i>Requirement for 1<sup>st</sup> October 2010 to 19<sup>th</sup> January 2011</i></b>	<b><i>11974</i></b>	<b><i>4549</i></b>	<b><i>1887</i></b>	<b><i>3410</i></b>
<b><i>Availability during 1<sup>st</sup> October 2010 to 19<sup>th</sup> January 2011</i></b>	<b><i>9987</i></b>	<b><i>3658</i></b>	<b><i>1433</i></b>	<b><i>3555</i></b>
<b><i>Sales during 1<sup>st</sup> October 2010 to 19<sup>th</sup> January 2011</i></b>	<b><i>9310</i></b>	<b><i>3464</i></b>	<b><i>1077</i></b>	<b><i>3156</i></b>
<b><i>Closing Stock as on 19.01.2011</i></b>	<b><i>676</i></b>	<b><i>194</i></b>	<b><i>357</i></b>	<b><i>399</i></b>
<b><i>Requirement for February, 2011</i></b>	<b><i>1903</i></b>	<b><i>350</i></b>	<b><i>333</i></b>	<b><i>508</i></b>

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

## **Pest & Diseases:**

- The incidence of pest & diseases generally remained below 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 - Rabi (2010-11) as on 21-01-2011</b>							
Crop Name	Normal Area	Area sown reported (In lakh hectares)				Absolute Change	
		21.01.2011	% of Normal	21.01.2010	23.01.2009	2009-10	2008-09
Wheat	273.30	290.59	106.3	281.23	275.50	9.4	15.1
Rice	42.54	13.40	31.5	17.57	13.13	-4.2	0.3
Jowar	47.07	40.94	87.0	44.93	48.63	-4.0	-7.7
Maize	9.76	10.34	106.0	10.80	10.58	-0.5	-0.2
Total Coarse Cereals	63.23	58.84	93.1	63.57	67.40	-4.7	-8.6
Total Cereals	379.07	362.83	95.7	362.37	356.03	0.5	6.8
Gram	73.14	94.92	129.8	85.42	85.32	9.5	9.6
Lentil	14.30	15.45	108.0	15.36	15.20	0.1	0.3
Peas	7.32	7.28	99.5	7.42	8.40	-0.1	-1.1
Kulthi(Horse Gram)	2.83	4.94	174.6	4.89	4.75	0.1	0.2
Urad	7.16	7.91	110.5	8.13	7.05	-0.2	0.9
Moong	6.50	5.72	88.0	5.88	4.96	-0.2	0.8
Lathyrus	6.41	4.48	69.9	4.07	4.31	0.4	0.2
Others	3.22	7.47	232.0	6.01	6.93	1.5	0.5
Total Pulses	120.21	148.17	123.3	137.18	136.90	11.0	11.3
Total Foodgrains	499.28	511.00	102.3	499.55	492.93	11.4	18.1
Rapeseed & Mustard	67.01	72.46	108.1	65.28	66.45	7.2	6.0
Groundnut	9.09	6.60	72.6	7.74	6.43	-1.1	0.2
Safflower	3.45	2.38	69.0	2.66	2.80	-0.3	-0.4
Sunflower	12.63	5.03	39.8	8.23	10.33	-3.2	-5.3
Sesamum	2.53	0.60	23.6	0.68	0.98	-0.1	-0.4
Linseed	4.40	4.86	110.6	3.68	4.47	1.2	0.4
Others	0.58	1.35	233.6	1.18	1.18	0.2	0.2
Total Oilseed (Nine)	99.83	93.27	93.4	89.43	92.64	3.8	0.6
All- Crops	599.10	604.27	100.9	588.98	585.57	15.3	18.7

Source: Crops &amp; TMOP Divisions, DAC



**Procurement:****Table – 5: Progressive procurement of Rice as on 21.01.2011 (lakh tonnes)**

State	Total procurement in marketing season 2009-10 (Oct. – Sept.)	Progressive Procurement as on 21.01.2011	
		In Marketing season 2010-2011	In Marketing season 2009-2010
<b>Andhra Pradesh</b>	<b>75.55</b>	<b>17.00</b>	<b>16.73</b>
<b>Chhattisgarh</b>	<b>33.57</b>	<b>23.80</b>	<b>20.34</b>
<b>Haryana</b>	<b>18.19</b>	<b>16.53</b>	<b>18.07</b>
<b>Kerala</b>	<b>2.61</b>	<b>0.65</b>	<b>0.83</b>
<b>Maharashtra</b>	<b>2.29</b>	<b>0.84</b>	<b>0.98</b>
<b>Orissa</b>	<b>24.96</b>	<b>7.32</b>	<b>8.66</b>
<b>Punjab</b>	<b>92.75</b>	<b>86.34</b>	<b>92.72</b>
<b>Tamil Nadu</b>	<b>12.41</b>	<b>1.28</b>	<b>0.38</b>
<b>Uttar Pradesh</b>	<b>29.01</b>	<b>12.14</b>	<b>19.45</b>
<b>Uttaranchal</b>	<b>3.75</b>	<b>1.98</b>	<b>2.07</b>
<b>West Bengal</b>	<b>12.40</b>	<b>2.89</b>	<b>3.36</b>
<b>All-India</b>	<b>320.34</b>	<b>174.14</b>	<b>185.09</b>