

**F.NO. 3-1/2009-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: 21st January, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
15.01.2010.**

Summary observations of the Group on Agenda Item

- *In the Post-Monsoon season, cumulative rainfall received for the country as a whole during the period 1st January to 13th January, 2010 was 3.6 mm which is 55% less the L.P.A.*
- *In South Peninsula, rainfall during the above period was 38% above the LPA.*
- *Actual mean maximum temperature anomaly ranged between 2^oC and above over some parts of Jammu & Kashmir, Himachal Pradesh, Nagaland, Manipur, Saurashtra, 0 to 2^oC over most parts of Saurashtra and Kutch, Konkan & Goa, South Interior Karnataka, Kerala, Andhra Pradesh, Lakshadweep and Andaman & Nicobar Islands, some parts of Gujarat, Madhya Maharashtra, Marathwada, Vidarbha, East Madhya Pradesh, Jharkhand, North East India, Orissa, Tamil Nadu, Coastal & North Interior Karnataka, -4 to -2^oC over most parts of West Bengal & Sikkim, some parts of Jammu & Kashmir, Uttarakhand, Uttar Pradesh, Rajasthan, Madhya Pradesh, Bihar, Jharkhand, -6 to -4^oC over most parts of Punjab, Haryana, Delhi, Uttar Pradesh, some parts of Uttarakhand, Rajasthan, Madhya Pradesh, Bihar, -2 to 0^oC over remaining parts of the country.*
- *Minimum temperature anomaly ranged between 6^oC and above over some parts of Vidarbha, Chhattisgarh, Orissa, Coastal Andhra Pradesh, Telangana, North Interior Karnataka, 4 to 6^oC over some parts of Goa, Madhya Maharashtra, Vidarbha, Chhattisgarh, Orissa, Coastal Andhra Pradesh, Telangana, Coastal Karnataka, North Interior Karnataka, 2 to 4^oC over most parts of Kutch, Konkan, Goa, South Interior Karnataka, Rayalseema, some parts of Punjab, Gujarat, East Madhya Pradesh, Chhattisgarh, Orissa, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Karnataka, North Interior Karnataka, Coastal Andhra Pradesh, Telangana, Kerala, Tamil Nadu, 0 to 2^oC over most parts of Punjab, Gujarat, Saurashtra, Coastal Tamil Nadu, Lakshadweep, Andaman & Nicobar Islands, some parts of Himachal Pradesh, Haryana, Rajasthan, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Madhya Pradesh, Chhattisgarh, Orissa, Maharashtra, Karnataka, Andhra Pradesh, Kerala, -4 to -2^oC over most parts of Bihar, some parts of Jammu & Kashmir, East Uttar Pradesh, Jharkhand, West Bengal, Sikkim, -2 to 0^oC over remaining parts of the country.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has decreased from 75.81 BCM on 07.01.2010 to 72.87 BCM on 14.01.2010.*

- *Area sown reported till 15.01.2010 under Coarse Cereals, Pulses and Oilseeds was 100%, 113% and 90% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 97% of the normal area under rabi crops have been sown upto 15.01.2010. Area sown under all rabi crops taken together has been reported to be 570.91 lakh hectares at All India level as compared to 571.79 lakh hectares in the corresponding period of 2009.*
- *Area reported was higher by 1.6 lakh ha. under Rice, 4.4 lakh ha. under Gram and 1.5 lakh ha. under Urad. Area coverage is lower by 4.2 lakh ha. under Jowar, 2.3 lakh ha. under Rapeseed & Mustard and 2.8 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 02.01.2010 decreased to 13.82% from the previous week's level of 14.39%. The inflation rate was 12.06% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 13.82% from the previous week's level of 12.72%, Rice to 14.03% from the previous week's level of 12.99%, Cereals to 14.77% from the previous week's level of 13.91% and for Pulses to 47.82% from the previous week's level of 42.21%.*
- *The inflation for non-food items increased to 8.76% from the previous week's level of 8.55% and for the food items has decreased to 17.28% from the previous week's level of 18.22%.*
- *All-India progressive procurement of Rice as on 15.01.2010 was 178.96 lakh tonnes which is lower than the procurement of 183.46 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 Season Rainfall (January - February) during the week ending on 13th January, 2010

- **Scattered to fairly widespread rainfall** occurred over Andaman & Nicobar Islands, Tamil Nadu on many days of the week and over Uttar Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, Himachal Pradesh, East Rajasthan, Vidarbha, Chhattisgarh, Rayalaseema, Coastal Karnataka, Kerala and Lakshadweep on one or two days of the week.
- **Isolated rainfall occurred** over North Interior Karnataka on a few days of the week and over Punjab, Madhya Pradesh, Madhya Maharashtra, Marathwada, Andhra Pradesh, Tamil Nadu, South Interior Karnataka and Kerala on one or two days of the week.
- Mainly **dry weather** prevailed over the remaining parts of the country during the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 13 met sub-divisions, deficient / scanty in 13 met sub-divisions and no rain in 10 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st January to 13th January, 2010)** was in excess / normal in 11 met sub-divisions, deficient / scanty in 19 met sub-divisions and no rain in 6 met sub-divisions.

Table-1: Weekly and Cumulative Rainfall in four regions of the country¹

Region	Week Ending (13.01.2010)				Cumulative (01.01.09 to 13.01.10)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	0.8	7.8	-90	S	3.9	14.6	-73	S
Central India	3.0	2.2	36	E	3.1	3.8	-20	D
South Peninsular India	5.8	2.8	107	E	6.8	4.9	38	E
North-East India	0.0	4.3	-100	NR	0.0	7.2	-99	S
Country as a whole	2.4	4.4	-45	D	3.6	7.9	-55	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 Temperature

- Markedly below normal over Jharkhand on 7th and 8th January, 2010 and over Vidarbha on 8th January, 2010.
- Below normal to appreciably below normal over Bihar, East Uttar Pradesh, Jammu & Kashmir on most days of the week, over Gangetic West Bengal, west Uttar Pradesh, Punjab, Rajasthan, Madhya Pradesh and Vidarbha on many days of the week, over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Orissa, Uttarakhand, Jharkhand, Haryana, Himachal Pradesh, Marathawada, Chhattisgarh and Telangana on a few days of the week.
- Appreciably above normal to markedly above normal over Gujarat region on most days of the week and over Telangana, Rayalaseema, North Interior Karnataka on many days of the week and over Madhya Maharashtra, Marathawada, Tamil Nadu on a few days of the week.
- Above normal to appreciably above normal over Saurashtra & Kutch, Konkan & Goa, Coastal Andhra Pradesh, South Interior Karnataka on most days of the week and over Sub-Himalayan West Bengal, Orissa, Coastal Karnataka, Lakshadweep on many days and over Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh, West Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Kerala on a few days of the week.
- Minimum temperatures were near normal over the remaining parts of the country.

Weather Outlook / Forecast for the period 14th - 20th January, 2010 by IMD

Outlook for the Week Ending 20th January, 2010

- *Isolated to scattered rainfall would occur over parts of South Peninsula during the week, over Orissa during 1st half of the week and over Western Himalayan region during 2nd half of the week.*

Zone-wise Weather Forecast:

North-West India (J&K, HP, Uttaranchal, Punjab, Haryana, Delhi, West UP)

- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over West Bengal & Sikkim and Orissa.*
- *Mainly dry weather over the region.*

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

- *Mainly dry weather over the region.*

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

- *Isolated rain/thundershowers over Andhra Pradesh, North Interior Karnatka, Lakshadweep and Andaman & Nicobar Islands.*
- *Mainly dry weather over the rest region.*

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

- *Isolated rain/thundershowers over Marathwada.*
- *Mainly dry weather over the rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 14.01.2010)

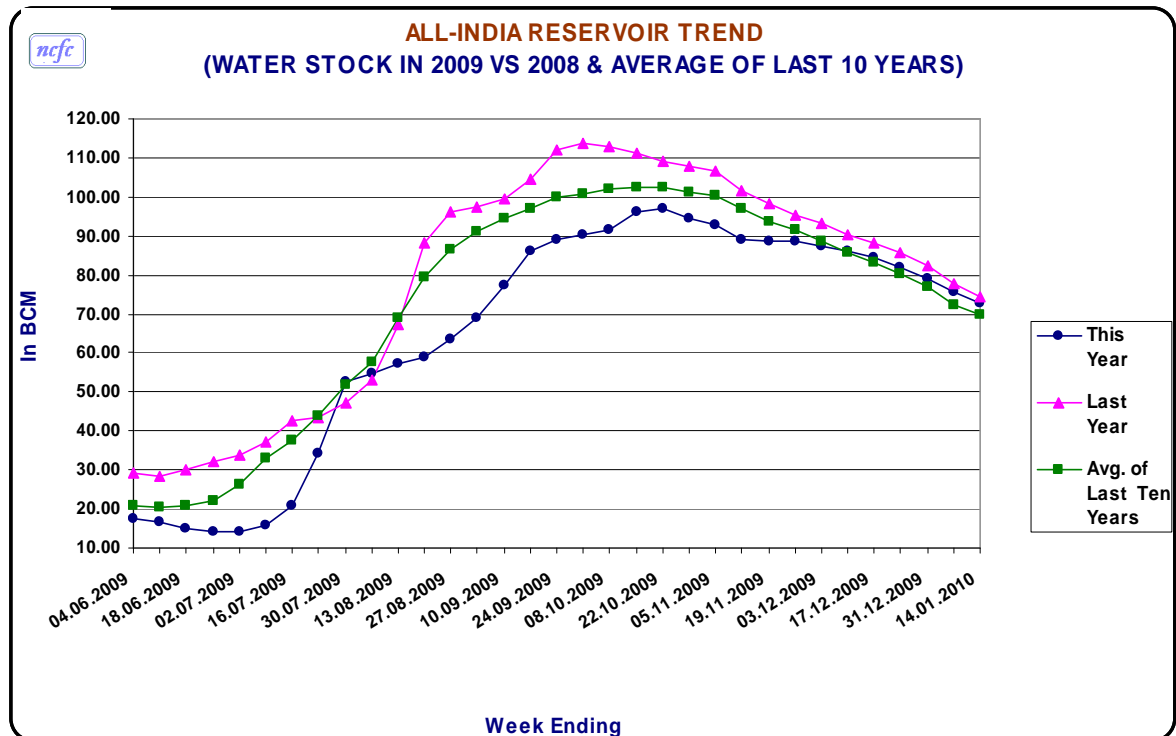
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 72.87 BCM from the previous week's level of 75.81 BCM. Current storage is less than the last year's position of 74.46 BCM and the average of last 10 year's storage of 69.80 BCM.

Table – 2: For 81 major reservoirs of the country

<u>Period</u>	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	48	98	104
Last Week	50	97	105
The percentage to live capacity at FRL was 49% on 14/01/2009, 55% on 14/01/2008, 64% on 11/01/2007 and 64% on 11/01/2006 .			
* <i>Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)</i>			

Source: CWC

- There were 51 reservoirs having storage more than 80%, 12 reservoirs having storage between 50% to 80% of Normal Storage, 11 reservoirs having storage between 30% to 50% of Normal Storage and 6 reservoirs having storage below 30% of normal storage.
- There was only one reservoir namely Sriramsagar (AP) having no live storage.



Source: Central Water Commission

Fertilizer Position:

Table – 3: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during January, 2010

(in '000 Tonnes)

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement for January, 2009</i>	<i>2738</i>	<i>534</i>	<i>364</i>	<i>636</i>
<i>Availability during 1st to 14th January, 2010</i>	<i>1235</i>	<i>210</i>	<i>485</i>	<i>430</i>
<i>Sales during 1st to 14th January, 2010</i>	<i>578</i>	<i>51</i>	<i>65</i>	<i>122</i>
<i>Closing Stock as on 14.01.2010</i>	<i>657</i>	<i>159</i>	<i>419</i>	<i>309</i>
<i>Requirement for February, 2010</i>	<i>1624</i>	<i>405</i>	<i>298</i>	<i>449</i>

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

Statement on All India Crop Situation - Rabi (2009-10) as on 15-01-2010							
Crop Name	Normal Area for whole Rabi Season	Area sown reported			Change vis-à-vis prev. year		Changes in major States (abs. %)
		This Year as on 15-01-2010	% of Col. 3 to Col. 2	Last Year as on 15-01-2009	Absolute	Percentage	
		1	2	3	4	5	
Wheat	270.99	274.91	101.4	274.82	0.1	0.0	Bih (+1.3, +6.1), Guj (-2.1, -17.8), HP (+0.2, +5.6), Kar (+0.3, +9.5), MP (+4.8, +12.6), Maha (-0.3, -2.8), Raj (-3.2, -14.6), UP (-0.9, -1.0), Uttarn(+0.2, +6.7)
Rice	39.80	12.60	31.7	10.98	1.6	14.8	AP (+0.7, +10.5), Kar (+0.4, +67.2), WB (+0.5, +20.0)
Jowar	47.53	44.93	94.5	49.12	-4.2	-8.5	AP (+0.3, +18.2), Kar (-0.8, -6.4), Maha (-4.0, -12.2), TN (+0.2, +7.4)
Maize	8.70	9.94	114.3	9.80	0.1	1.4	AP (-0.4, -14.2), Bih (+0.4, +13.7), Kar (-0.1, -11.8), TN (+0.2, +10.8)
Barley	6.30	7.53	119.5	7.16	0.4	5.2	M.P. (+0.2, +16.9), Raj (-0.3, -9.4), UP (+0.5, +25.6)
Total Coarse Cereals	62.54	62.70	100.3	66.41	-3.7	-5.6	Bih (+0.4, +13.1), Kar (-0.9, -6.9), MP (+0.2, +16.7), Maha (-3.9, -11.6), Raj (-0.3, -9.4), TN (+0.4, +8.8), UP (+0.6, +23.8)
Total Cereals	373.33	350.21	93.8	352.21	-2.0	-0.6	
Gram	71.45	86.03	120.4	81.66	4.4	5.3	AP (+0.7, +11.2), Chhat (+0.2, +6.2), Kar (+2.7, +31.5), MP (+4.7, +17.1), Maha (+0.3, +3.1), Raj (-3.8, -30.5), U.P. (+0.2, +2.8)
Lentil	14.30	14.86	103.9	14.25	0.6	4.3	MP (+0.3, +6.2), UP (+0.2, +3.3)
Peas	7.32	7.13	97.5	8.00	-0.9	-10.8	MP (+0.1, +2.0), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.84	170.9	4.31	0.5	12.2	Chhat (-0.1, -28.6), Kar (-0.2, -11.2), TN (+0.7, +2533.3)
Urad	7.16	6.96	97.2	5.42	1.5	28.3	AP (+0.9, +37.2), Ori (+0.2, +9.1), TN (+0.5, +87.4)
Moong	6.50	4.73	72.8	3.85	0.9	23.1	AP (+0.1, +21.9), Ori (+0.5, +18.3), TN (+0.2, +81.5)
Lathyrus	6.41	4.07	63.4	4.25	-0.2	-4.3	Chhat (-0.2, -4.9)
Others	3.22	6.15	190.9	5.68	0.5	8.2	
Total Pulses	119.19	134.77	113.1	127.42	7.3	5.8	AP (+2.9, +28.2), Kar (+2.6, +25.1), MP (+5.0, +13.9), Maha(+0.3, +2.4), Ori (+0.9, +10.0), Raj (-3.9, -30.0), TN (+0.9, +47.6), UP (-0.5, -2.6)
Total Foodgrains	492.52	484.98	98.5	479.63	5.3	1.1	
Rapeseed & Mustard	65.27	64.05	98.1	66.31	-2.3	-3.4	Guj (-0.9, -29.3), Har (-0.9, -14.9), MP (+0.9, +11.1), Raj (-4.8, -17.1), UP (+4.1, +47.0), WB (-0.2, -3.3)
Groundnut	8.91	5.92	66.5	6.02	-0.1	-1.6	Kar (+0.2, ++15.6), Ori (+0.1, +6.0), TN (-0.3, -26.3)
Safflower	3.59	2.63	73.1	2.78	-0.2	-5.5	Guj (-0.1, -100.0), Maha (-0.1, -6.6)
Sunflower	13.11	7.80	59.5	10.61	-2.8	-26.4	AP (-0.8, -24.57), Kar (-1.9, -32.9), Maha (-0.1, -9.6)
Sesamum	2.60	0.60	22.9	0.96	-0.4	-37.9	Ori (-0.1, -17.2), TN (-0.3, -74.4)
Linseed	4.53	4.20	92.7	4.42	-0.2	-4.8	Chhat (-0.2, -25.7), MP (+0.2, +16.0), Maha(-0.1, -21.6)
Others	0.53	0.73	137.9	1.07	-0.3	-31.7	
Total Oilseed (Nine)	95.42	85.93	90.1	92.16	-6.2	-6.8	AP (-0.7, -10.8), Chhat (-0.4, -15.4), Guj (-1.0, -31.1), Har (-0.9, -14.9), Kar (-1.7, -22.3), MP (+1.1, +11.9), Maha (-0.4, -9.7), Raj (-4.8, -17.0), TN (-0.9, -45.2), UP (+4.1, +44.9), WB (-0.3, -5.3)
All- Crops	587.94	570.91	97.1	571.79	-0.9	-0.2	

Source: Crops & TMOP Divisions, DAC

Procurement:

Table – 5: Progressive procurement of Rice as on 15.01.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 15.01.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	14.90	21.48
Chhattisgarh	28.48	18.39	17.87
Haryana	14.25	18.06	13.85
Kerala	2.37	1.45	1.14
Maharashtra	2.61	0.62	0.54
Orissa	27.90	8.31	8.55
Punjab	85.53	92.55	81.30
Tamil Nadu	11.99	0.29	2.40
Uttar Pradesh	36.87	18.46	22.19
Uttaranchal	3.49	1.86	1.72
West Bengal	16.67	2.89	5.21
All-India	336.84	178.96	183.46