

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: 18th January, 2010

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD ON
08.01.2010.**

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 October to 31st December, 2009 was 135.5 mm which is 8% above the L.P.A.*
- *In South Peninsula, rainfall during the above period was 10% above the LPA.*
- *Actual mean maximum temperature anomaly ranged between -2 to 0^oC and over most parts of Gujarat, Saurashtra & Kutch, Vidarbha, West Madhya Pradesh, Chhattisgarh, Orissa, some parts of Jammu & Kashmir, Himachal Pradesh, Punjab, North East India, Jharkhand, Gangetic West Bengal, East Madhya Pradesh, Rajasthan, Madhya Maharashtra, Marathwada, Andhra Pradesh, North & South Interior Karnataka, Tamil Nadu, Andaman & Nicobar Islands, -4 to -2^oC over most parts of East Rajasthan, Madhya Pradesh, Bihar, Sikkim, some parts of Himachal Pradesh, Punjab, West Rajasthan, Uttar Pradesh, Jharkhand, West Bengal, Assam, Chhattisgarh, North Madhya Maharashtra, -6 to -4^oC over most parts of Haryana, Delhi, Uttar Pradesh, some parts of Himachal Pradesh, Uttarakhand, Punjab, Rajasthan, Bihar, Sub-Himalayan West Bengal, Madhya Pradesh, -8 to -6^oC over most parts of Uttarakhand, Uttar Pradesh, some parts of Himachal Pradesh, Haryana, 0^oC and above over remaining parts of the country.*
- *Minimum temperature anomaly ranged between 2^oC and above over some parts of Jammu & Kashmir and Himachal Pradesh, 0 to 2^oC over most parts of Northeast India, Kerala, Tamil Nadu, Coastal Andhra Pradesh, Andaman & Nicobar Islands, some parts of Jammu & Kashmir, Himachal Pradesh, West Rajasthan, Saurashtra & Kutch, Konkan, Madhya Maharashtra, South Interior Karnataka, Telangana, Rayalseema, Orissa, Jharkhand, -4 to -2^oC over most parts of Punjab, Haryana, Delhi, East Rajasthan, Uttarakhand, West Madhya Pradesh, Vidarbha, Chhattisgarh, North Interior Karnataka, some parts of Himachal Pradesh, East Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Sub-Himalayan West Bengal, Marathwada, -6 to -4^oC over most parts of East Madhya Pradesh, some parts of Uttarakhand, Punjab, Haryana, Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Vidarbha, -8 to -6^oC over some parts of Uttar Pradesh, Madhya Pradesh, East Rajasthan, -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 31.12.2009 to 79.19 BCM on 07.01.2010.*

- *Area sown reported till 08.01.2010 under Coarse Cereals, Pulses and Oilseeds was 99%, 112% and 88% of the normal area respectively.*
- *As per latest information available on sowing of crops, around 94% of the normal area under rabi crops have been sown upto 08.01.2010. Area sown under all rabi crops taken together has been reported to be 553.99 lakh hectares at All India level as compared to 557.98 lakh hectares in the corresponding period of 2008.*
- *Area reported was higher by 3.3 lakh ha. under Gram, 1.3 lakh ha. under Lentil and 1.6 lakh ha. under Urad. Area coverage is lower by 4.0 lakh ha. under Wheat, 4.6 lakh ha. under Jowar, 2.2 lakh ha. each under Rapeseed & Mustard and 2.5 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 26.12.2009 decreased to 14.39% from the previous week's level of 15.49%. The inflation rate was 11.23% during the corresponding period of last year.*
- *Among the foodgrains, inflation for Wheat has increased to 12.72% from the previous week's level of 12.66%, Rice to 12.99% from the previous week's level of 12.95%, Cereals to 13.91% from the previous week's level of 13.81% and for Pulses to 42.21% from the previous week's level of 41.69%.*
- *The inflation for non-food items decreased to 8.55% from the previous week's level of 8.74% and for the food items to 18.22% from the previous week's level of 19.83%.*
- *All-India progressive procurement of Rice as on 08.01.2010 was 166.77 lakh tonnes which is lower than the procurement of 168.94 lakh tonnes upto the corresponding period of last year.*

Action Points pending from the previous meeting

- *On the reservoir position, CWC would also provide an analysis of the rate of depletion in the reservoirs over the week along with possible reasons for depletion.*
(Action: CWC)
- *Deptt. of Consumer Affairs may be asked to furnish the mechanism for collection of wholesale and retail prices from the States.*
(Action: Deptt. of Consumer Affairs)

Salient aspects of discussions / presentations in the meeting

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

Post-Monsoon Season Rainfall (October - December) during the week ending on 06th January, 2010

- **Widespread rainfall** occurred over Himachal Pradesh and Jammu & Kashmir on 4th January, 2010 and over Andaman & Nicobar Islands on 6th January, 2010.
- **Fairly widespread rainfall** occurred over Chhattisgarh on 31st Dec.,09 and over Haryana and Punjab on 4th January, 2010.
- **Scattered rainfall** occurred over Andaman & Nicobar Islands and Rajasthan on a few days of the week and over West Uttar Pradesh, Uttarakhand, Haryana, Punjab, South Interior Karnataka and Lakshadweep on one or two days of the week.
- **Isolated rainfall** occurred over Lakshadweep on a few days of the week and over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Orissa, West Uttar Pradesh, Himachal Pradesh, Jammu & Kashmir, Madhya Pradesh, Gujarat State, Vidarbha, Telangana, Tamil Nadu and Kerala on one day 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 06 met sub-divisions, deficient / scanty in 21 met sub-divisions and no rain in 09 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1st October to 31st December, 2009)** was in excess / normal in 23 met sub-divisions and deficient / scanty in 13 met sub-divisions.

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

Region	Week Ending (06.01.2010)				Cumulative (01.10.09 to 31.12.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
North-West India	3.4	7.4	-54	D	52.9	66.7	-21	D
Central India	0.3	1.7	-85	S	120.3	79.9	51	E
South Peninsular India	1.3	2.6	-50	D	294.8	268.4	10	N
North-East India	0.5	3.2	-84	S	130.8	161.5	-19	N
Country as a whole	1.5	3.9	-62	S	135.5	125.9	8	N

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

Source: India Meteorological Department, New Delhi

Temperature

Minimum Temperature

- Markedly below normal over Orissa on 3rd January, 2010.
- Below normal to appreciably below normal over Jharkhand on most days of the week and over Arunachal Pradesh, Assam & Meghalaya, Orissa, Bihar, Jammu & Kashmir, East Madhya Pradesh, Chhattisgarh on many days of the week and over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Uttar Pradesh, Punjab, West Madhya Pradesh, Marathawada, Vidarbha, Coastal Andhra Pradesh, Telangana on a few days of the week.
- Markedly above normal over West Rajasthan, Gujarat and Konkan & Goa on 3rd January, 2010.
- Above normal to appreciably above normal over Madhya Maharashtra during the week and over Uttarakhand, Rajasthan, Gujarat Region, Coastal Karnataka on many days of the week and over Haryana, Chandigarh & Delhi, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Marathawada, Andhra Pradesh, Tamil Nadu, interior Karnataka on a few days of the week.
- Minimum temperatures were near normal over the remaining parts of the country.

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.

Weather Outlook / Forecast for the period 07th - 13th January, 2010 by IMD

Outlook for the Week Ending 13th January, 2010

- *Isolated to scattered rainfall would occur over south peninsular India and Andaman & Nicobar Islands during the week.*

Zone-wise Weather Forecast:

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

- *Isolated rain/thundershowers over Jammu & Kashmir.*
- *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)

- *Mainly dry weather over the region.*

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

- *Isolated rain/thundershowers over Coastal AP, Rayalseema, Kerala and Lakshadweep; at a few places over Tamil Nadu & Pondicherry and at many 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 rest region.*

Central India (MP, Chhattisgarh, Vidarbha)

- *Mainly dry weather over the region.*

Reservoir Status (For the week ending on 07.01.2010)

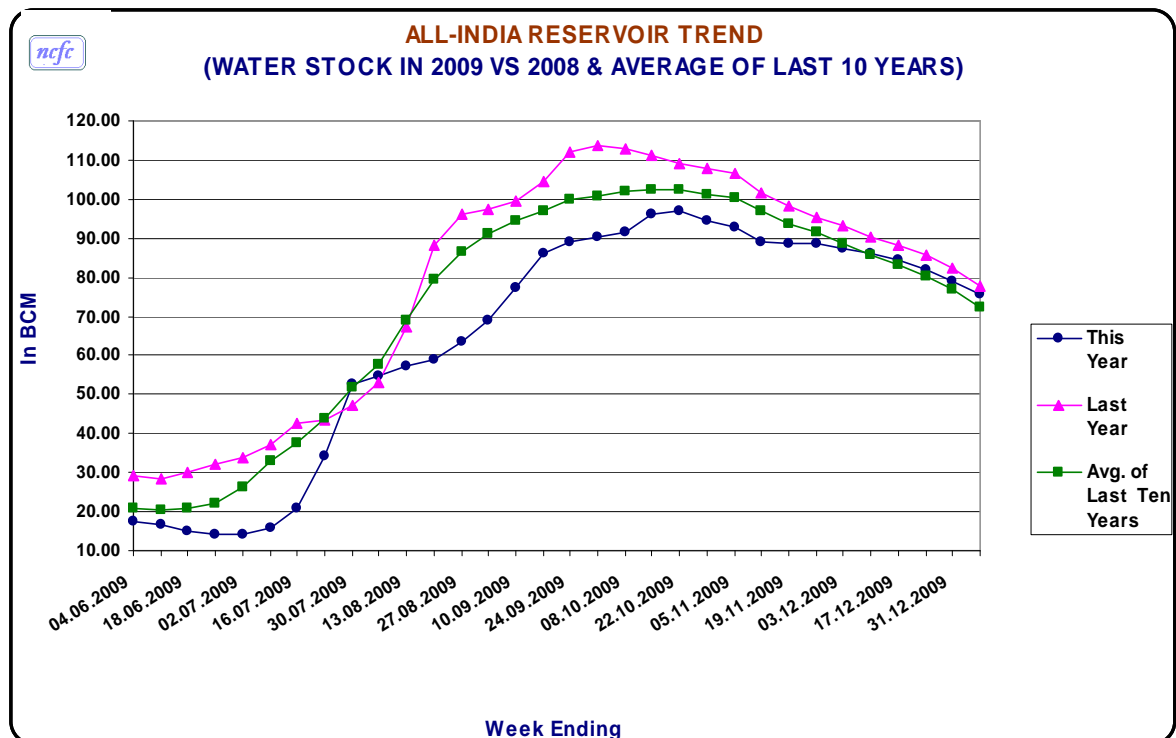
- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **decreased** to 75.81 BCM from the previous week's level of 79.19 BCM. Current storage is less than the last year's position of 77.93 BCM and the average of last 10 year's storage of 72.46 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	50	97	105
Last Week	52	96	103
The percentage to live capacity at FRL was 51% on 07/01/2009, 56% on 07/01/2008, 66% on 04/01/2007 and 66% on 04/01/2006 .			
* <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%, 15 reservoirs having storage between 50% to 80% of Normal Storage, 9 reservoirs having storage between 30% to 50% of Normal Storage and 5 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 07th January, 2010</i>	<i>700</i>	<i>163</i>	<i>380</i>	<i>314</i>
<i>Sales during 1st to 07th January, 2010</i>	<i>122</i>	<i>11</i>	<i>23</i>	<i>20</i>
<i>Closing Stock as on 07.01.2010</i>	<i>578</i>	<i>152</i>	<i>358</i>	<i>294</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 08-01-2010							
(in lakh hectares)							
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 08-01-2010	% of Col. 3 to Col. 2	Last Year as on 08-01-2009	Absolute	Percentage	
1	2	3	4	5	6	7	8
Wheat	270.99	268.50	99.1	272.54	-4.0	-1.5	Guj (-2.0, -18.7), HP (+0.2, +5.6), Kar (+0.3, +9.5), MP (+2.1, +5.7), Maha (-0.2, -2.4), Raj (-3.2, -14.7), UP (-1.6, -1.7), Uttarn(+0.2, +5.7)
Rice	39.80	6.38	16.0	5.23	1.2	22.0	AP (+1.4, +38.8), WB (-0.3, -100.0)
Jowar	47.53	44.27	93.1	48.90	-4.6	-9.5	AP (+0.3, +16.3), Kar (-0.9, -7.4), Maha (-4.1, -12.6)
Maize	8.70	9.46	108.7	8.98	0.5	5.3	AP (-0.2, -7.3), Bih (+0.4, +13.7), Kar (-0.2, -17.5), TN (+0.4, +25.7)
Barley	6.30	7.63	121.1	7.15	0.5	6.7	M.P. (+0.2, +16.9), Raj (-0.2, -5.9), UP (+0.5, +26.1)
Total Coarse Cereals	62.54	61.84	98.9	65.41	-3.6	-5.5	Bih (+0.4, +13.1), Kar (-1.1, -8.3), MP (+0.2, +16.7), Maha (-3.9, -11.6), Raj (-0.2, -5.9), TN (+0.4, +9.8), UP (+0.6, +23.8)
Total Cereals	373.33	336.72	90.2	343.18	-6.5	-1.9	
Gram	71.45	84.38	118.1	81.04	3.3	4.1	AP (+0.7, +10.5), Chhat (-0.4, -14.7), Guj (-0.8, -33.1), Kar (+2.5, +29.6), MP (+4.6, +16.7), Maha (+0.2, +2.0), Raj (-3.8, -30.5), U.P. (+0.2, +2.8)
Lentil	14.30	15.57	108.9	14.24	1.3	9.3	MP (+1.1, +20.3), UP (+0.2, +3.3)
Peas	7.32	7.12	97.2	7.99	-0.9	-10.9	MP (+0.1, +5.3), UP (-1.0, -21.4)
Kulthi(Horse Gram)	2.83	4.80	169.5	4.27	0.5	12.3	Chhat (-0.1, -31.6), Kar (-0.2, -11.2), TN (+0.7, +2533.3)
Urad	7.16	6.76	94.3	5.11	1.6	32.2	AP (+1.0, +49.5), Ori (+0.2, +9.1), TN (+0.5, +87.4)
Moong	6.50	4.68	72.0	3.79	0.9	23.5	AP (+0.2, +28.8), Ori (+0.5, +18.3), TN (+0.2, +81.5)
Lathyrus	6.41	3.65	57.0	2.74	0.9	33.4	Chhat (+0.9, +37.8)
Others	3.22	6.10	189.3	5.61	0.5	8.6	
Total Pulses	119.19	133.04	111.6	124.79	8.2	6.6	AP (+3.0, +31.1), Chhat (+0.3, +4.6), Kar (+2.4, +22.3), MP (+5.8, +16.0), Maha(+0.2, +1.7), Ori (+0.9, +10.0), Raj (-3.9, -30.0), TN (+0.9, +47.6), UP (-0.5, -2.6)
Total Foodgrains	492.52	469.76	95.4	467.97	1.8	0.4	
Rapeseed & Mustard	65.27	64.02	98.1	66.24	-2.2	-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	4.54	50.9	4.73	-0.2	-4.1	Ori (+0.1, +6.0), TN (-0.2, -22.6)
Safflower	3.59	2.63	73.1	2.76	-0.1	-4.9	Guj (-0.1, -100.0), Maha (-0.1, -6.6)
Sunflower	13.11	7.58	57.8	10.03	-2.5	-24.4	AP (-0.7, -23.7), Kar (-1.6, -30.8), Maha (-0.1, -7.0)
Sesamum	2.60	0.54	20.6	0.87	-0.3	-38.5	Ori (-0.1, -17.2), TN (-0.3, -82.1)
Linseed	4.53	4.20	92.7	4.40	-0.2	-4.4	Chhat (-0.2, -25.7), MP (+0.2, +16.0), Maha(-0.1, -19.4)
Others	0.53	0.73	137.9	0.99	-0.3	-25.8	
Total Oilseed (Nine)	95.42	84.23	88.3	90.01	-5.8	-6.4	AP (-0.7, -10.8), Chhat (-0.3, -12.8), Guj (-1.0, -31.1), Har (-0.9, -14.9), Kar (-1.6, -25.8), MP (+1.1, +11.9), Maha (-0.3, -6.8), Raj (-4.8, -17.0), TN (-0.8, -46.2), UP (+4.1, +44.9), WB (-0.3, -5.3)
All- Crops	587.94	553.99	94.2	557.98	-4.0	-0.7	

Procurement:

Table – 5: Progressive procurement of Rice as on 08.01.2010 (lakh tonnes)

State	Total procurement in marketing season 2008-09 (Oct. – Sept.)	Progressive Procurement as on 08.01.2010	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Andhra Pradesh	89.80	11.86	18.82
Chhattisgarh	28.48	15.30	15.52
Haryana	14.25	18.04	13.80
Kerala	2.37	1.40	1.11
Maharashtra	2.61	0.62	0.54
Orissa	27.90	5.92	7.68
Punjab	85.53	92.52	81.12
Tamil Nadu	11.99	0.26	2.16
Uttar Pradesh	36.87	16.09	19.37
Uttaranchal	3.49	1.74	1.59
West Bengal	16.67	2.11	4.74
All-India	336.84	166.77	168.94