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Government of India
Ministry of Agriculture
Department of Agriculture & Cooperation
NDM CONTROL ROOM
www.ndmindia.nic.in

Flood Situation Report - 2001

(Based on the reports received from concerned Departments/State Govts.)

Impact of Southwest Monsoon - 2001:

- “ Several parts of the Country receive heavy rainfall during the South West Monsoon resulting in floods, landslide, loss of human life and cattle, disruption of all communication network, damages to houses and property and dislocation of normal activities.
- “ During the last season of Southwest monsoon, many parts of the country witnessed heavy floods / rains and thousands of human life and cattle lost. The flash floods in Himachal Pradesh, Arunachal Pradesh, Andhra Pradesh, UP, Bihar, West Bengal etc. took hundreds of human lives and caused immense damage to properties during 2000.
- “ Keeping in view the past experience during June-September during the Southwest monsoon, States/UTs and concerned Central Government Departments/ Ministries were requested to take necessary precautionary/preventive measures and advance planning to combat any serious situation.

IMD's forecast & report:

- “ India Meteorological Department (IMD) has Stated that there was good pre-monsoon rainfall activity over most parts of the Country during this year. The cumulative rainfall for the period March 1, 2001 to May 31, 2001 has been normal to excess over 27 meteorological subdivisions of the country.
- “ IMD's long range official forecasts for the rainfall during 2001-Southwest monsoon season are as follows:
 - a) In 2001, the rainfall for the Southwest monsoon (June to September) for the country as a whole is likely to be normal, thus making the year 2001 the 13th normal monsoon year in succession. The normal is defined as rainfall within + 10% of its long period average.
 - b) Quantitatively, the rainfall over the country during the season is likely to be 98% of its long period average with an estimated model error of + 4%.

c) Over the three broad homogenous regions of India, the rainfall for the season is likely to be 100% of its long period average (LPA) over Northwest India, 96% of the LPA over the Peninsula and 100% of the LPA over Northeast India with an estimated model error of + 8%.

For details on IMD's forecast please visit www.imd.ernet.in

Reports from Central Departments:

Railways:

- .. Normalcy reported. Train services restored to all destinations.
- .. Repair of breaches and tracks undertaken on war footing.

Central Water Commission : (Dt. 25.7.2001)

- .. No Unprecedented flood situation where previous highest flood level has been surpassed and there is no High flood situation where level is above danger level within 0.50 m of AFL.
- .. In Orissa, River Brahmani at Jenapur Exp. Way is flowing above danger level with rising trend.
- .. In Assam, River Brahmaputra at Dibrugarh is flowing above danger level with steady trend.
- .. In Bihar, River Sone at Koelwar is flowing above danger level with rising trend, River Kosi at Baltara and River Bagmati at Benibad is flowing above danger level with falling trend.
- .. In Uttar Pradesh, River Ganga at Balia is flowing above danger level with rising trend.
- .. In West Bengal, River Ganga at Farakka is flowing above danger level with steady trend.

Reports from States/UTs.:

BIHAR: (Dated 25.7.2001)

- .. Two Districts viz Gopalganj and Samastipur affected.
- .. 5 blocks, 28 villages affected.
- .. 0.52 lakh population affected.
- .. 0.11 lakh hectare cropped area affected.
- .. 1411 houses worth Rs. 2.02 crore value damaged.
- .. Rs.2.60 lakh worth public properties damaged.
- .. 7 Relief Centres, 5 health care centres, 5 veterinary centres functioning.
- .. 52-country boat deployed. 67 metres polythene distributed.
- .. 112.5 quintals gratuitous relief distributed.
- .. Rs.0.50 lakh cash doles distributed.

CHHATTISGARH: (Dated 17.07.2001)

Flood:

- “ Flood occurred because of heavy rainfall in Dhamtari and Kanker District on 9.7.2001.
- “ Average rainfall till 9.7.2001 is 492.57 mm.
- “ The cumulative rainfall during the current period is 773.4 mm as compared to 236.3 mm of the last year.
- “ Most of the reservoirs like Sondhur, Madhamsilli, Dudhawa and Gangrel crossing the Flood Reach Level, resulting in discharge of 2.20 lakh cusecs of water from Gangrel reservoir to save the dam which has further aggravated the situation in low lying areas of Mahanadi basin

Impact & Damages:

Area

- “ 6 out of 16 districts covering 23 taluks and 958 villages affected.
- “ Dhamtari, Raipur, Mahasamund, Janjgir (Champa), Raigarh, Kanker are affected districts.
- “ 68,159 hectares of crop area damaged

Life & Property

- “ 2.03 lakh population affected.
- “ 12 human lives lost. 1009 cattle lost.
- “ Standing crop worth Rs.40.83 crores affected.
- “ 3883 houses worth Rs.6.41 crore damaged.
- “ Rs.40.07 crore worth public properties damaged.

State & Central efforts:

- “ Affected people evacuated and placed in relief camps. Food and other amenities provided by the District administration.
- “ Collectors empowered to grant ex-gratia relief and other necessary assistance to the affected population.
- “ State level Control Room operational round the clock (Tele No.0771-221273). Control Rooms also functioning at all district HQrs.
- “ CM, Chhattisgarh made an aerial survey of the flood-affected areas.
- “ No further report from State Government.

KERALA: (Dated July 24, 2001)

- “ The Southwest monsoon has set in Kerala on 25.5.2001.
- “ Districts affected - 14. Villages affected -1352. Families affected - 38471.
- “ Human lives lost - 119. (68 adults & 31 non-adults). Injured - 94 (Adults -92 and Non-adults -2). Missing - 5
- “ Houses fully destroyed - 1496 Houses Partially destroyed - 20802 (Total Damage Rs.12.63 crores)
- “ Crop loss - Rs. 158 crores approximately
- “ Relief camps opened - 986 and camps continuing - 20 (722 families are now in relief camps).

- Families evacuated - 32420.
- State Government sanctioned Rs 100 lakhs each to all the District collectors for immediate temporary relief.
- Union Agriculture Minister visited Trivandrum, Kerala on 14th July 2001.
- Centre keeping constant watch on the situation.

ORISSA: (Dated 26.07.2001)

Floods

- Heavy Rains / Floods.
- 13.58 mm amount of rainfall during last 24 hours.
- Discharge from Mahanadi system is more than its carrying capacity.
- The Mahanadi system has started to become normal now. Flood in Brahmani system continues.
- Rain or thundershowers are likely at many places.
- Floodwaters started receding in all areas.

Impact & Damages:

- Area - 24 out of 30 districts affected.
- Angul, Bolangir, Balasore, Bhadrak, Boudh, Cuttack, Ganjam, Jagatsingpur, Jajpur, Kalahandi, Kendrapara, Khurdha, Koraput, Malkangiri, Nabrangpur, Nayagarh, Nuapada, Puri, Rayagada, Sonepur, Jharsuguda and Sambalpur, Bargarh and Deogarh are affected districts.
- 199 Blocks, 2429-Gram Panchayats, 25-Urban level Blocks, 15579 Villages affected.
- 8.08 lakh hectares crop area affected.
- Life & Property - 85.30 lakhs population affected.
- 80 human lives lost. (*)
- 13126 cattle lost
- Rs. 44.52 crore worth crops damaged.
- 2,28,247 houses damaged.
- (* Some districts have now reduced the death report after enquiry. Notably, Sambalpur reported 10 death earlier, now reported nil death)
- Infrastructure - Damages to Railway bridges/network/tracks repaired.
- No report of damage to Telecommunication network / power installations.

State Efforts:

- Council of Ministers under the Chairmanship of Chief Minister met to take stock of the flood situation and review the relief and restoration measures.
- State Government sounded RED ALERT to all concerned to take immediate precautionary measures.
- People living in low-lying areas advised to move to safe areas to avoid the need for evacuation during night.
- District officials ordered to maintain utmost vigil and take all immediate measures to

handle the situation.

- Patrolling intensified in all embankments. Warning issued to view the damage to embankments as serious.
- Air dropping food materials continuing since 17.7.2001 in the districts Nayagarh, Angul, Cuttack, Jajpur, Kendrapara, Jagatsinghpur and Puri. Till 23.07.2001, 137 sorties dropped food packets containing 329.46 MTs. 6 Helicopters engaged in air dropping operation.
- 6 columns of Army Engineering & 2 columns of Army Infantry, 1 company CRPF, 4 companies of CISF, 79 platoons of OSAP, 9 teams of Navy personnel and 5 teams of Coast Guard deployed in Jajpur, Kendrapara, Jagatsinghpur, Cuttack, Puri, Nayagarh, Khurda and Angul Districts for relief and rescue operations. Army contacted/approached more than 3 lakh marooned people.
- Around 1040 Govt. as well as private boats pressed into service.
- 4 lakh people continue to remain in safer places like river embankments, shelter homes and Highways.
- Free kitchen arrangements made in 430 centres covering 3.25 lakh beneficiaries.
- 1225 MT of cattle feed despatched to 11 districts by MD, OMFED till 24.07.2001. 200 MT rice bran supplied. Preventive vaccination taken up in cases of 2.91 lakh animals. 121 boats engaged in supply of cattle feed and health care of animals.
- Rs.400/- per beneficiary authorised for sanction as financial assistance.
- 1 lakh halogen tablets per district distributed alongwith other essential medicines and vaccines to prevent spread of epidemic.
- An amount of Rs.5 crore released as advance from CRF for various relief and rescue activities.
- Health care measures and relief materials (Rice 19680.25 MT; Chuda 2330.38 MT, SKO 8753 KL, 35700 polythene pieces, 2115 tents and 900 numbers canvas) distributed to different districts.

Central efforts:

- The high level Team headed by Agriculture Minister is visiting Orissa on 19.7.2001 for aerial survey of the flood situation
- Meeting of National Crisis Management Committee (NCMC) was held under the Chairmanship of Cabinet Secretary to review the flood situation in the State on 18.7.2001.
- Krishi Control Room in the Nodal Department is operational round the clock for monitoring the flood situation.
- Dept. of Agriculture and Cooperation keeping constant touch with State Government, Ministry of Defence, Water Resources, IMD, Road Transport & Highways.
- Ministry of Water Resources is monitoring water level in dams.
- Two columns of Army and Four Helicopters pressed into relief service.
- Army, Navy and Coast Guard providing necessary assistance to State Government.
- Railways / Road Transport & Highways keeping a watch.
- Financial Assistance:

- 1) Entire central share of Calamity Relief Fund (CRF) for 2001-02 amounting to Rs.86.21 crore released in May 2001.
- 2) Assistance of Rs. 49.62 crores approved from National Calamity Contingency Fund (NCCF) in the wake of drought.
- 3) Hon'ble PM announced on 18th July 2001, an initial amount of Rs. 100 crores for relief / rescue operations.

PUNJAB:

- .. 2 out of 17 districts affected viz. Sangrur and Patiala.
- .. 28 villages affected by flood.
- .. 24,212 acres crop area affected.
- .. Breaches being plugged.

UTTARANCHAL:

- .. Heavy downpour/cloud burst on 16th July, 2001 in between Guptkashi-Gorikund.
- .. Rudraprayag-Kedarnath road was badly affected by landslide and debris flow.
- .. 10 Villages affected viz. Dhani, Jamu, Saimkurali, Khat, Khariya, Rail, Ravigaon, Byung, Phata and Tarsali. Four villages namely Dhani, Saimkurali, Khariya, Tarsali damaged.
- .. 18 human lives lost, One person injured and 8 persons missing. Out of this 10 are females.
- .. 25 cattle lost.
- .. 26 houses including 04 Government buildings damaged.
- .. 13 km road stretch at 16 points damaged (at 5 location it is badly damaged)
- .. 800-pilgrim affected and 350 pilgrim evacuated.
- .. State Government gave quick response to the situation. An Emergency Control Room has been set up at Guptkashi having contact Nos. 0136-407241, 0136-467221.
- .. Arrangements to air drop foodstuff and supply other essential commodities, and provision of temporary shelters like tents, tarpaulins for villages is being made.
- .. Major damages to the electricity and water supply systems in the affected area.
- .. Detailed memorandum is being sent by the State Govt. after assessment.

NORTH EASTERN STATES:

- .. No fresh reports of worsening flood situation in North Eastern States. Floodwaters receded and normalcy returning back.

Other States:

- Media reported heavy and torrential rains in some parts of Maharashtra, Gujarat & Himachal Pradesh. Landslide reported from Uttaranchal. No adverse situation reported by State Governments. Normal activities disrupted for few days during heavy rains. No report of damage and loss received from State Governments.

Relief operations by other agencies:

- Coast Guard sent 5 teams continue to assist the civil authorities in distributing food packets and providing medical aid to marooned personnel. One Coast Guard Team including 2 fishermen and their OBM fitted on Coast Guard boat has evacuated people from Postala, Urada & Utarana villages and nearby areas.

- Indian Red Cross Society (IRCS) undertaken relief measures as soon as the floods. Cash Assistance of Rs.1 lakh each to Kerala and Chhattisgarh and Rs.2 lakh to Orissa was given. Materials containing tents, woolen blankets, cloths, towels, tarpauline, kitchen sets, feeding cup, bedroll, assorted clothing for men, women and children sent to West Bengal, Kerala, Orissa and Chhattisgarh. 50 Nos. of fishing twins to Kerala, 5 Nos. of Zodiac boats with engine and 15 rubber boats sent to Orissa.

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