

Rush/Earthquake
Situation Report No.27
Updated at 2200 hours on 02 February, 2001

F. No. 07001/01/2001-NDMCR

Government of India

Ministry of Agriculture
Department of Agriculture & Cooperation
KRISHI CONTROL ROOM
www.ndmindia.nic.in

Krishi Bhavan, New Delhi

Subject : Earthquake of 26th January, 2001 in Gujarat and many parts of India.

HIGHLIGHTS:

- 949 Villages in 99 Talukas affected
- 14241 Deaths confirmed and 30467 persons reported injured.
- 2152 Houses collapsed and 21230 houses damaged. Survey of property damage is going on.
- Cattle deaths reported as 1388.
- The main focus area is the Kutch district (Hqs. – Bhuj).
- In Kuchch, 1235 civil staff, more than 20,000 personnel from Armed Forces, 2500 from Para-Military Forces and 1100 Home Guards deployed.
- In Kuchch 65 cranes and 276 JCBs, 143 bulldozers/excavator, 980 loader dumpers trucks, 19 smaller cranes, 65 gen sets, 230 gas cutters and 2895 other small equipments deployed.
- Power Supply restored.
- Telecommunication links partially restored.
- Water supply affected in 15 towns covering 1166 villages/hamlets restored.
- Out of 491 tankers, 482 tankers deployed in villages.
- 55 hospitals functioning of which 15 mobile hospitals in Kuchch.
- 2031 doctors deployed of which 407 in Kuchch.
- More than 50000 patients treated.
- Two additional flights pressed into service by Indian Airlines for Bhuj.
- Railway lines restored upto Gandhi Dham and very shortly linked to Bhuj (65 Kms.).
- The road traffic restored.
- Satellite phones, HAM radio and mobile telephones have been pressed into service to ensure proper communication.
- The Prime Minister announced Rs.500.00 crore assistance.
- 335 NGOs working in the field.
- External assistance received from 35 countries.
- About 2000 tents airlifted additionally from Punjab, UP, Orissa on 2.2.2001.
- 40 MT polythene sheets for shelter air lifted to Bhuj, from Vadodara and Bhubaneswar.

IMPACT:

A severe Earthquake of the magnitude of 6.9 at Richter scale occurred at 8.46 A.M. on 26th January,2001 with epicenter at 20 K.M. North-East of Bhuj. Its impact has been felt in various parts of the Country. Gujarat has been affected very severely. As per available information from State Government of Gujarat, the extent of damage is as under: -

S.No.	Gujarat	Number of persons	
		Dead	Injured
1	Ahmedabad	729	827
2	Amreli	00	12
3	Anand	01	20
4	Banaskantha	36	119
5	Bharuch	09	33
6	Bhavanagar	03	44
7	Dahod	00	00
8	Dangs	00	00
9	Gandhinagar	07	87
10	Jamnagar	117	2148
11	Junagadh	08	87
12	Kheda	00	17
13	Kutch-Bhuj	12743	21456
14	Mehsana	0	47
15	Narmada	00	00
16	Navsari	17	18
17	Panchamahals	00	00
18	Patan	33	946
19	Porbandar	09	90
20	Rajkot	379	1447

21	Sabarkanta	03	00
22	Surat	46	157
23	Surendranagar	103	2673
24	Vadodara	01	252
25	Valsad	00	01
26	Palampur	37	49
	Total:	14281	30529

Districts affected	Kutch, Ahmedabad, Rajkot, Jamnagar, Surat, Surendranagar, Banaskantha, Kheda, Bharuch, Gandhinagar, Patan, Junagadh, Navasari, Porbandar, Vadodara, Sabarkantha, Bhavanagar.
Worst affected districts	Kutch-Bhuj, Ahmedabad, Jamnagar, Rajkot

IMD – Report :

- Intense aftershock activity still continuing and there was an aftershock magnitude 5.9 at 0632 hrs on 28th January, 2001, the largest recorded so far.
- In view of this, the local people are advised not to enter the damaged/ poorly built buildings, which may suffer further damage in the aftershocks, which are still continuing.
- As per the latest report of the IMD earthquake shocks are still continuing on 2.2.2001. 139 after shock activity felt till 1539hours of 02/02/2001.

CENTRAL EFFORTS

Management

- Prime Minister of India visited Gujarat on 29.01.2001.
- Union Ministers of Home, Defence, Agriculture, Power, Health visited Gujarat to take stock of the damage and relief & rescue operations.
- AS & Central Relief Commissioner, JS(NDM), Sr. Officers of Ministry of Health, Power, Telecom, Women & Child Development, Drinking Water Supply went to Gujarat to assess the damage and to review the relief and rescue operations.
- Krishi Control Room of Department of Agriculture & Cooperation made functional round the clock with full-fledged logistics like Hotlines to Bhuj/Gandhinagar, Satphone, Ham Radio. The 8 hourly report of the Control Room is also put up through web site.
- NIC, Ministry of IT, is providing support services for video conferencing with State Officials, updating the website and other necessary assistance.
- Cabinet Secretary holding review meetings of National Crisis Management Committee (NCMC) since 26th January, 2001
- A Group of Ministers has been constituted under the Chairmanship of Home Minister to give further momentum to the rescue and relief operations. The Group held its first meeting on 30th January, 2001 and Second being held on 2nd February, 2001.

Other Central efforts:

- M/o Social Justice & Empowerment: Lead NGOs located in Gujarat being activated to provide relief and succour to the women and children rendered destitute and homeless.
- D/o Women & Child Development: Being nodal Department for UNICEF & CARE activities in India, they have been requested to send their representatives to Gujarat. Three Senior officers of the Department deputed to Ahmedabad to identify the type of assistance required with reference to creches that could be run temporarily, other women and child care needs and food in the form of consoyabean products, fortified biscuits etc.
- M/o Labour : ESIC is directed to provide necessary assistance.
- M/o Power - Union Power Minister camping in Gujarat to coordinate the assistance. NTPC, PGCIL, DFC & REC assisting in restoration of power.
- D/o Drinking Water Supply :
 - All water supply schemes in Kuchch area were damaged by the earthquake. Out of 902 villages in Kuchch area water supply has been restored in 110 villages through DG sets. Water supply in rest of villages is being maintained through 500 tankers every alternate or third day. Filling points identified and are functional through DG sets.
 - An officer from the Department was deputed to visit Gujarat, who has ascertained the requirements of equipment / machinery etc. from Water Supply Department of the State Government. These requirements of equipment / machinery etc. have been circulated to the neighbouring States for providing necessary help.
 - Hindustan Zinc Limited : Sending tents, JCB Loader, 1 crane, blankets, chlorine tablets, food packets, candles, milk packets, disposable glasses, since 27th January 2001.
 - ONGC – 15 cranes of ONGC operational in relief work. 12 more on its way.

Defence

- Army has launched their OPERATION SAHAYATA IN GUJARAT. Infantry – 36 columns(Bhuj) and 18 columns (Ahmedabad). Engineers – 6 Regiments (Bhuj) and 1 Regiment (Ahmedabad). Medical – 7 mobile field hospitals AMBS(Bhuj) and existing MH(Ahmedabad)
- 22,500 troops (Infantry, Field Artillery, Engineers, Medical, Signals & Command and Control Equipment) at Bhuj & Ahmedabad. 3 helicopters of Army Aviation Fleets.
- Army Aid Provided: Surgeries – 11044, Medical Aid - 13759 – Evacuation of serious patients – 484, persons rescued - 478, Bodies recovered - 1786. 33sorties carrying 801 tonnes load arranged.
- Army Deployment of TPS – 36 columns (Bhuj) & 18 columns (Ahmedabad)
- Air Force : Over 3000 tonnes through 374 sorties operated. 700 people evacuated upto 31.1.2001.
- 16 helicopters are located in the vicinity of Bhuj. These are being used effectively for relief/rescue operations and evacuation of injured persons.
- Navy : 30 men team with INMARSAT with other support facilities at Porbandar. Assessment of damages in all ports area. Transport & manpower to Civil Administration at Okha. Communication within the Kandla Port area restored. Power supply provided to Kandla Port Trust through Refrigerator containers by Indian Navy.
- Disaster Management and Surgical team from Bombay to Bhuj with medical equipment and stores. Two Naval survey ships converted into hospital ships. A Crisis Extension ward established at Naval Hospital and received upto 100 casualties. INHS Asvini treating patients.
- INS Ganga & INS Himgiri operating for Kandla - carrying critically ill to Mumbai and while returning carried relief material, dry provisions etc. INS Jamuna & INS Tir diverted for Kandla. INS Nirdeshak assessing damages in the Port area.
- Navy assisting in recovery of dead bodies and patrolling around affected buildings to prevent looting by undesirable elements.
- Dry rations from Naval Establishments and Jamnagar, Porbandar and Dwaraka moved by road for distribution at Anjar and Gandhidham. Cooked meals/bread also distributed in remote villages.
- Total Manpower deployed by armed forces – 20, 000(Approx.)
- Equipments - Earth movers (17), Trippers (6), Compressors (9), Generators (27), Masks (20,000).
- NCC Cadets of 1500 Nos. deployed at Ahmedabad, Rajkot, Morbi, Patan, Mehsana & Jamnagar since 28/01/2001. Engaged in relief work viz., removal dead bodies/debris, panic control, assistance at hospitals, blood donation, distribution food items. 3 Tons food items despatched to Morbi.

Border Security Force (BSF):

- Four local Bns/Water Wing/Arty Regts in Gujarat Sector engaged in Ahmedabad, Gandhidham and Bhuj areas. 2 coys from Jaisalmer sector in Ahmedabad. Total 8 coys deployed.
- BSF Complex at Gandhidham and Bhuj damaged badly (90%)
- Food and water to 800 civilans, 3 medical camps at Khadir, Bimasar & Rapar towns, and 308 earth quake victims treated.
- Clothing/tentage/water another stores provided in rural area of Bhuj
- Relief material comprising heavy vehicles, tent, tarpauline, tent store, water tankers etc., sent to Bhuj and Ahmedabad on 26.1.2001.

Central Industrial Security Force(CISF):

- Two Team of 10 rescue personnel, and 17 communication personnel of CISF deployed at Bhuj.
- 05 coys deployed at Bhuj, 02 coys Ahmedabad, 01 coy at Morvi and 02 coys at Kandla, 01 coy at Mehsana and 05 coys at Gandhidham.
- One Tuck load of tentage & equipment is on way from Deoli & Jaipur for Bhuj.

Central Reserve Police Force (CRPF)

- All Coys in Gujarat directed to provide all necessary assistance in relief/rehabilitation work of State Government.
- 7 Coys of CRPF / RAF PERSONNEL, 2 doctors alongwith relief material and medicines, health-kit deployed.
- Seven wireless set installed.

SSB : 6 Coys deployed.

Indo-Tibetan Border Police (ITBP)

- 4000 Blankets, 150 tents and other materials were arranged for assistance.

FINANCE

- Benefit of 100% deduction to donations made on or before 30th June 2001 to charitable institutions already registered with the Income-Tax Department is allowed subject to following of specific guidelines.
- Donations made to Prime Minister's Relief Fund and Chief Minister's Relief Fund of any State are already entitled to the benefit of 100% deduction from the income of the donor.
- The relief material supplied for earthquake victims is exempted from Customs/Excise Duty.
- Honourable Prime Minister announced financial assistance of Rs.500.00 crores during his visit to the affected areas on 29th January 2001.
- All goods for donation for the relief and rehabilitation of the earthquake affected exempted from customs and excise.

FOOD

- Deptt. of Food and Public Distribution issued orders for release of 1 lakh MT of wheat and 10,000 MT of levy sugar to Gujarat.
- 16.6 MTs food packets sent to Bhuj by Food Corporation of India.
- NAFED directed their Ahmedabad Branch to extend full support and cooperation. Jaipur Branch instructed to organise distribution of Rice, Daal and Atta packets in severely affected area in/around Bhuj.
- Government of Punjab has offered to provide ready-made food to 1.00 Lakh persons daily. The arrangement for this purpose is being tied up.
- WFP offered 300 MT high protein biscuits and orders in Bhuj, Morvi and Patan already placed with M/s Britannia & M/s Surya Agro for supply in 100 gms packets in cartons of 12 kgs & 10 kgs.

CLOTHING AND TENTS

- Around 2 lakh blankets air lifted to Gujarat
- 11960 tents supplied and further arrangements are being made for additional tents to Ahmedabad/Bhuj.
- Huge quantity of relief material comprising blankets, tents, food items etc are reaching by road from all parts of the Country.
- About 2000 tents airlifted additionally from Punjab, UP, Orissa on 2.2.2001.
- 40 MT polythene sheets for shelter air lifted to Bhuj, from Vadodara and Bhubaneswar.

MEDICAL

- 60 doctors and 4 para - medics central medical teams from DGHS, Dr. RML and Safdarjung hospitals, AIIMS, PGI, Chandigarh sent on 26th & 27th January, 2001. 1 Radiologist, 2 Radiographers and 1 installation engineer sent on 30.1.2001.
- 5 Public Health Specialists from NICD & NAMP to check the out-break of any epidemic.
- Union Minister for Health, Secretary (Health) and Additional Director General (Health Services) visited Gujarat on 27th January, 2001. .
- One Team of 10 doctors from Govt. of Haryana reached Bhuj on 27th.
- 30 doctors on 26th January and 70 doctors on 27th January reached by air for Bhuj, from Maharashtra.
- Medicines, disposable syringes etc., IV fluids, dressing items, sent from Dr. RML Hospital, CGHS, Safdarjung Hospital, Lady Harding Medical College sent on 26th, 27th and 28th January 2001.
- 10 beds each at RMLH, SJH, LHMC and 15 beds in AIIMS have been earmarked for special treatment of earthquake victims. Ambulances of these hospitals have been kept on alert to transport the patients.
- Evacuation of injured persons already started.
- Army and Navy established makeshift hospitals.
- 200 Conservancy staff from Mumbai in Gujarat.
- A team of 37 doctors from Delhi along with medicine has left for Bhuj at 0830 hours on 29-01-2001.
- A team of 10 doctors from UP along with medicines reached Bhuj.
- Mobile Hospitals have been received from 8 countries and sent to Bhuj.
- The Voluntary Health Association is also mobilising 10 mobile hospitals.
- Two Hospital ships are available at Kandla for handling surgical cases. 215 patients have been evacuated to Mumbai.
- Navy has made arrangement to treat local patients on Ships.
- 10 beds in each hospital i.e. RMLH, SJH, LHMC and 15 beds in AIIMS have been earmarked for the earthquake victims.
- 2 portable X-ray machines, 1000 x-ray plates installed from Delhi.
- After a meeting under the Chairmanship of DG, (Health Services) with the leading experts (Public Health, Psychiatrist, Physicians, representatives WHO, USAID, UNICEF etc), the guidelines to contain outbreak of any diseases and to counsel for Psychosomatic patients circulated to concerned State Health authorities.
- IRCS supplied 70 units of blood from Delhi, 35,000 blankets, 100 stretchers, 1000 sweaters (from Chennai), 600 tents, 100 tents (Calcutta), 2000 quilts (Chennai), Assorted clothes (Chennai).
- 6000 dozens bandages, 20,000 cotton rolls from Bombay GMSD.
- 65 MT Pyrethroid (anti-malarial spray as vectors of Gujarat are resistant to DDT) sent.
- Two experts from National Institute of Virology, ICMR, Pune reached Ahmedabad for surveillance purposes. One PH expert of NICD joining them.
- Medical Teams present in different areas of Bhuj, Bharuch, Rajkot, Zodia, Jamnagar, Surendranagar, Gandhinagar. Team of Specialists – 206 (including 58 from Guj Govt. & 102 from other States) – Team of Medical Officers – 451 (212 from Gujarat Govt. & 9 from other States).
- Entomological Survey Carried out. No apparent evidence of Malaria vector. House Index for Aedes Aegypti is 15%. 5 out of 25 places has Aedes Aegypti breeding. In Rapar town 2 out of 18 houses +ve for Aedes breeding. One had Anopheles breeding.
- Public Health measures such as chlorination of water, ORS availability, collection of blood slides from all fever cases, removal of dead bodies etc.
- 2.5 lakh doses of Measles vaccine sent.
- D/o Indian Medicine & Homeopathy have also sent teams of doctors and para-medics from Ayurvedic/Unani/Homeopathy field. In medical assistance since 27.01.2001 in villages. President of Ayurvedic Drug Manufacturers Association requested to provide medicines which can be used.

AIR, RAILWAYS AND ROAD TRANSPORT HIGHWAYS:

- Railways : Special trains for evacuation of injured persons. Relief material consigned to concerned District Magistrate of earthquake affected areas of Gujarat is allowed for free transportation through railways.
- Railway goods shelters used as shelters for earthquake affected people.
- One bogey of first class coach will be stationed at Bhuj where the doctors and other relief persons sent to the site can be accommodated.
- Food arrangements through vendors, NGOs etc., arranged.
- Rail route upto Gandhidham made operational.
- Indian Airlines / Air India airlifting relief material at free of cost.
- Road Transport & Highways : All the cracks in the 100 km of 650 km NH expected to be fully filled up and repaired by 15.2.2001. Although NHs have remained traffic worthy, as more than 1000 units of heavy equipment moved across the roads. Damages to minor/major bridges attended to and wherever required, diversions provided.
- Surajbari bridge is being used for LCVs and other light vehicles carrying relief material. Repairs to bridge completed. The heavy vehicles at controlled speed is expected to be opened from 2.2.2001.

TELECOM & POWER

- Telecom Summary Report : Exchanges – (Damaged:147; Restored:72); Public Telephones – 53; Hotline – 43; Inmarsat Terminals – 23; SAT (hand set hold) – 9; VSAT – 9; Parties working – 15 local + 10 (from other States).
- VSAT functional at Bhuj, Anjar & Bachau.
- Helplines opened at Bhuj (02832 –31240,31241), Gandhidham (02836 – 20800, 20900) & Kandla (02838 – 71142, 71143)
- Art 2000 C-DOT Exchanges functional at Bhuj and Gandhidham .
- People have been allowed to make free calls from the PCOs.
- 140 Mbps Optical fibre network connecting Gandhidham and Bhuj to Rajkot operationalised.
- 20 Inmarsat phones have been deployed.
- Eight VSATs diferted to Gujarat from all over the Country are getting ready for commissioning at Kandla port, Samarasar, Lakhpat, Naktarana, Khavda, Bachau, Anjar and Naliya.
- 256 line exchanges installed at Anjar, Bhachau, Rapar, Gagodar, Mandavi, Mundra, Nakhtrama. At Naliya 1000 line C-Dot exchange installed.
- Cellular Mobile services by Birla, AT & T and FASCEL restored by Telecom.
- Power restored to Bhuj partly. DG sets also used to operationalise power system.
- Rural Electrification Corporation has sanctioned Rs.100 crores for power lines and Rs. 100 crores for transformers.

PETROLEUM

- The requirement of HSD , Petrol and Kerosene made from Kandla. For other Kandla fed areas made Ex-made Sabarmati, Rajkot & Kandla.
- Oil Coordination Committee : 36 truckloads of LPG cylinders reached Kandla as on 30.01.2001.
- Normal Tank loading operations reported at Sidhpur, Sabarmati, Hazira, Koyali & Jamnagar.
- At Kandla, 22 TA Jawans & 4 TA officers positioned at the retail outlets. 10 SKO tank trucks despatched to Collector, Bhuj.
- Reliance Refinery has started operating at about 55% of the capacity.

OTHER STATE GOVERNMENTS

- State Governments are providing relief assistance to Gujarat both in cash & kind. This includes food, blankets, medicine, medical personnel, water, tankers and equipments.
- Rajasthan : Rs. 2.5 crores as financial assistance. 23 JCBs/Excavators, 24 Cranes, 52 Gas cutters and 1 shawl. 1 loader, 4 turbo trailers, 4 Earth movers, 1 Teeper and One DG Set to Bhuj /Ahmedabad. 39 Govt. Medical Teams & 8 NGO medical teams with equipment, life saving drugs, etc. 67 rescue personnel from Civil Defence Department with equipment, Rs. 49.74 lakhs medicines , 384 trucks food items and other relief material & 7 trucks wood, 19000 blankets, 15 water tankers, 55,000 bottles mineral water, 2 water tankers.
- Madhya Pradesh : Rs. 1.125 crore as relief assistance. 159 doctors and 145 nurses paramedical staff sent. Medicines worth Rs. 34 lakhs & 5 ambulances, and Rs.3.70 lakh surgicals 1 IC unit,. Food grains worth Rs. 52 lakh. 7500 blankets, 25000 food packets, 8000 clothers. Rs.7.5 lakh utensils, 600 tarpaulins, 570 relief workers and Rs. 21 lakh other relief material sent. 10 Dozers, 15 earthmovers and 10 gas cutters with technical staff sent. In Ujjain community kitchen opened to prepare 7 – 8 thousand food packets for sending it to earthquake victims.
- Maharashtra :. Essential commodities include blankets, clothing, bread, ORS, Sugar, Milk Powder, Medicines. Relief Material include 6 JCB + 17 Tipper & Pumper, 6 Rock/concrete breakers, 2 Gas cutters, Omega crane etc 107 truck load relief/food items 2 truck food items, 1 tanker kerosene. 16100 blankets, 50250 chaddars & 11000 sarees sent.
- Total Man power from Maharashtra : Medical – 235; 3 anesthetists; Engineer & Operators, SRP Jawans - 179. Home Guards – 227.
- Brihan Mumbai Corporation : 500 conservancy staff & 300 solid waste managment Patients admitted in Mumbai Hospitals – 203 & 215 – AH, Khidki.

FOREIGN ASSISTANCE

- **Assistance from 37 foreign Countries and International Organisations** viz. Algeria, Australia, Bangladesh, China, Czech, Denmark, European Union, France, Finland, Germany, Greece, Hungary, Indonesia, Israel, Japan, Korea, Kuwait, Malaysia, Nepal, Omar, Pakistan, Poland, Qatar, Russia, Saudi Arabia, Slovak Republic, South Africa, Spain, Switzerland, Tunisia, Turkey, UAE, UK, Ukraine, USA, USAID, Red Cross Dubai, WFP.
- Extended assistance in the form supplying relief material, sending medical teams / rescue teams with snuffer dogs Emergency Rescue equipment, Food material, medical teams etc.

Gujarat Govt.'s e-mail address (for queries on earthquake): equake@guj.nic.in

(S. K. Swami)

Director (NDM)

Telephone No.3383476/3389453 - FAX No.3384555

E-mail : agrindia@krishi.delhi.nic.in

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