

**Rush/Earthquake
Situation Report No.24**

Updated at 2200 hours on 01 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.

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	738	828
2	Amreli	00	12
3	Anand	01	20
4	Banaskantha	33	126
5	Bharuch	09	33
6	Bhavanagar	03	29
7	Dahod	00	00
8	Dangs	00	00
9	Gandhinagar	03	7
10	Jamnagar	114	1708
11	Junagadh	08	75
12	Kheda	00	17
13	Kutch-Bhuj	12781	54239
14	Mehsana	0	41
15	Narmada	00	00
16	Navsari	18	18
17	Panchmahal	00	00
18	Patan	37	407
19	Porbandar	09	72
20	Rajkot	337	2033
21	Sabarkanta	03	00
22	Surat	50	154
23	Surendranagar	89	1743
24	Vadodara	06	42
25	Valsad	00	01
26	Palampur	37	49
	Total:	14239	61632

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
Population affected	3.50 Crore
Cattle died	Being assessed
Houses/Huts damaged	Completely : 73142 (Survey On), Except Bhuj Partially : 142180(Survey On), Except Bhuj
Public Properties damaged	Survey is going on
Road Transport & Highways	About 100 Km of 650 Kms of NH in the districts of Kutch, Banaskantha, Rajkot and Surendranagar being handled by State R&BD adversely affected due to cracks. Surajbari bridge affected.
Status of Water Supply	Water supply network damaged in Bhuj
Electricity Supply	Power supply disrupted
Telecommunication	Disrupted

IMD – Advise

Intense aftershock activity still continuing and there was an aftershock magnitude 5.9 at 0632 hrs on 28th January, 2001, which was the largest recorded so far. Till 1307 hrs of 01 February, 2001, hundred aftershocks of magnitude ranging between 2.8 and 5.9 occurred. In view of this, the local people advises not to enter the damaged/ poorly built buildings which may suffer further damage in the aftershocks which are still continuing.

CENTRAL EFFORTS

Management

- Prime Minister of India visited the earth quake affected areas of Gujarat on 29.01.2001
- 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.
- NDM Control Room of Department of Agriculture & Cooperation made functional round the clock.
- The Prime Minister holding regular Cabinet Meeting since 26th January, 2001
- A High Level Team headed by Home Minister also visited Gujarat to assess the damage and help rescue activities.
- A high level team led by Raksha Mantri reached Gujarat on 27th January, 2001
- JS (NDM) & Additional Central Relief Commissioner from DAC visited Bhuj on 26th January & 31st Jan & 1st Feb. 2001 to supervise relief/rehabilitation.
- Cabinet Secretary is holding daily meetings of National Crisis Management Committee (NCMC) since 26th January, 2001 to review the damage and to assist the State Government for relief and rescue operations.
- Secretary, Department of Agriculture & Cooperation is briefing the Press regularly about the relief/rescue operations being carried out by various agencies.
- Additional Secretary & Central Relief Commissioner visited Bhuj on 30th and 31st January to review the rescue & relief operations.
- Union Agriculture Minister accompanied Union Home Minister during their visit 31st Jan – 01st Feb 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.
- Hindustan Zinc Limited : Sending tents, JCB Loader, 1 crane, blankets, chlorine tablets, food packets, candles, milk packets, disposable glasses, since 27th January 2001.
- Power - Union Power Minister camping in Gujarat to coordinate the assistance. NTPC, PGCIL, DFC & REC assisting in restoration of power.
- Drinking Water Supply : 843 villages out of 902 supplied water through regular water supply schemes. Rest on tankers, individual water sources, wells etc. 110 villages supplied water through DG sets. Rest through 500 tankers alternatively. Filling points identified and through tubewells are functional through DG Sets.

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 Equipments) at Bhuj & Ahmedabad.
- Army Aid Provided: Surgeries – 10652; Plaster- 1828, Medical Aid - 13684 – Evacuation of serious patients – 473, persons rescued - 259, Bodies recovered 1561. 32 sorties carrying 970 tonnes load arranged.
- Army Deployment of TPS – 36 columns (Bhuj) & 18 columns (Ahmedabad)
- Air Force : Over 3000 tonnes through 232 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.
- 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.
- 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%)

- Adhoc Bn comprising trg coys reached Rapar, Khalil and Bimsar all along NH-15 and operaing since 29th Jan 2001
- 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 Ahemedabad, 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 areas 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.

CLOTHING AND TENTS

- 92,000 blankets air lifted to Gujarat
- Arrangements are also under way to air lift additional 57,000 blankets.
- 8210 tents supplied and further arrangements are being made for additional tents to Ahmedabad/Bhuj.
- Government of Punjab has offered 10,000 tents.

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 , Safdurjung 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 alongwith 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, Physcians, 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%. Only one of the village with increased tetra indica activity. Public Health measures such as chlorination of water, ORS availability, collection of blood slides from all fever cases, removal of dead bodies etc.
- 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 will start running special trains for evacuation of injured persons.
- 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 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

- Art 2000 C-DOT Exchanges functional at Bhuj and Gandhidham .
- People have been allowed to make free calls from the PCOs provided by BSNL.
- 140 Mbps Optical fibre network connecting Gandhidham and Bhuj to Rajkot has become operational.
- 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.
- Hot lines are being provided at the Taluka Headquarters.
- 256 line exchanges installed at Anjar, Bhachau, Rapar, Gagodar, Mandavi, Mundra, Nakhtrama. At Naliya 1000 line C-Dot exchange installed.
- Telecom personnel alongwith telecom equipment , one exchange and V-SAT terminals already reached Gujarat.
- Power restored to Bhuj partly.
- 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 : 23 JCBs/Excavators, 23 Cranes, 52 Gas cutters and 1 shawl. 1 loader, 4 turbo trailers, 4 Earth movers, 1 Teeper and One DG Set to Bhuj /Ahmedabad. 32 Govt. Medical Teams & 8 NGO medical teams with equipment, life saving drugs, etc. 67 rescue personnel from Civil Defence Department with equipment, Rs. 49 lakhs medicines , 384 trucks food items and other relief material & 7 trucks wood, 19000 blankets, 15 water tankers, 55,000 bottles mineral water, Rs. 2.5 crore as relief assistance.
- Madhya Pradesh : Rs. 1.00 crore as relief assistance. 140 doctors and 100 nurses paramedical staff sent. Medicines worth Rs. 25 lakhs & 3 ambulances, and other relief material sent. 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 : Providing necessary assistance of all types since 27.01.2001. Essential commodities include blankets, clothing, bread, ORS, Sugar, Milk Powder, Medicines. Relief Material include JCB + Tipper & Pumper, Rock breakers, Gas cutters, Omega crane etc. Total Man power : Medical – 235; Engineer & Operators, SRP Jawans - 179. Brihan Mumbai Corporation is also assisting. Patients admitted in Mumbai Hospitals – 203 & 215 – AH, Khidki.

FOREIGN ASSISTANCE

- Turkey: Team of 35 persons, 10 MT of rescue equipments and 1 MT of medicines assisting since 28th January, 2001.
- Britain: Team of 69 specialist and 4 search dogs, relief material consisting of three cars, two trucks, two 35 seat coaches, 10 translators, 2000 litres bottled water, 500 litres unleaded fuel and 50 anti Malaria tablets assisting 27th January, 2001.
- Switzerland: Team of 45 persons and with sniffer dogs assisting since 27th January, 2001.
- Japan: 0.25 million US \$ in kind for relief and rescue operations and 0.75 million US \$ to the Prime Minister Relief Fund.
- Germany: Team of 20-specialist alongwith their equipments assisting operations since 28/01/2001 at Bhuj.
- Russia: A professional rescue team of 73 personnel and equipments assisting since 28.01.2001.
- Slovak Republic, Republic of Korea and Malaysia: Offered assistance by special rescue teams for relief works and special slippers team with special trained dogs for detection and search ruins.
- France: A team of 40 member medical personnel with 10.5 MT medical equipments, and a rescue team of 9 personnel with sniffer dogs assisting since 29.01.2001 at Bhuj.
- Hungary: A rescue team with 12 personnel and 3 sniffer dogs and 7 MT of equipment since 29-01-2001 at Bhuj.
- Oman: IL 76 aircraft carrying 40 MT relief material reaching Gujarat on 29th January 2001.
- USAID: 80 ton of relief material, consisting of water purification units, tents etc.
- Pakistan – relief supplies received.
- Israel - set up 60 bed hospital at Bhuj
- UAE & Red cross Dubai : relief supplies & ERU equipments.

SUMMARY ASSITANCE AT A GLANCE:

- 962 medical personnel deployed.
- Rescue teams consisting of 22500 Army and additional para-military personnel 14 sniffer dogs deployed
- 1.10 lakh MT food grains/sugar sanctioned.
- 1,69,000 blankets already sent while 30,000 on its way.
- 11,110 tents/Shelter already provided.
- 340 beds, 7 ambulances, 150 stretchers and 11.5 tons medicines (including bandages, cotton, IV fluids, blood units) already provided while 3 more ambulances are on its way.
- Medical supplies : 700 kgs from Central Govt., 750 kgs from State Government and 8475kgs +1 ambulance from private sector.
- 16 debris clearing equipment, 3 recovery vehicles, 15 earthmovers and 17 MT of rescue equipment already provided.

HIGHLIGHTS

- State Government launched multi-pronged relief operation with the support of armed forces, voluntary agencies, and international agencies.
- As of today, Power supply restored to the towns of Bhuj, Nakhatrana, Anjar, Adipur, Gandhidham, Mandavi & Mundra. Power restored in 198 out of 949 villages of Kutch district.
- Water supplies provided through water tankers & HDPE tanks.
- Immediate communication via satellite established with Bhuj and followed up through HAM radio. Now, telecom services at Bhuj, Anjar & Gandhidham. Mobile communication restored partially.
- Road communication restored except for Surajbain bridge. Train services upto Gandhidham restored.
- 652 doctors & 785 para-medical staff and equal no. of voluntary medical teams and international teams in service. Drugs worth Rs.43 lakhs supplied to 15 hospitals.
- Total of 195 JCBs, 55 Bulldozers, excavators & dampers in service.
- Massive stock of foodgrains, vegetables, milk powder, HSD/petrol/SKO stocks.
- To ensure proper management of logistics and relief operations quake affected areas divided into geographical/functional sectors each headed by senior officer.
- Gujarat CM's Relief Fund received donations to the tune of Rs. 28.21 crores. **Gujarat Govt.'s e-mail address (for queries on earthquake): quake@guj.nic.in**

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