

Landslide Incidences for the year 2010

- **Landslide incidence in Meghalaya - 28th June, 2010**

As per media report a girl was killed and at least seven others were injured on 28th June 2010 in a landslide triggered by heavy rains at Meghalaya police's CID complex, Shillong, Meghalaya.

- **Landslide incidence in Karnataka - 26th June 2010**

As per media report heavy rain that lashed the region caused landslides at two spots between Padil and Thokur junction, 10 km from Mangalore railway station, Karnataka on 26th June 2010. Many trains that regularly run along the route had to be either diverted or cancelled due to the landslide. As per media report, landslide near Kulshekhar in Mangalore, Karnataka city again blocked the railway tracks on June 27, 2010. Train traffic was suspended again till 30th June.

- **Landslide incidence in Maharashtra - 25th June 2010**

As per media report five houses were damaged in a landslide triggered by heavy rainfall in Valmikinagar, Kurla, Mumbai on 25th June 2010.

- **Landslide incidence in Maharashtra - 19th June, 2010**

As per PTI report a landslide at Harnai, 180 kms from Ratnagiri, Maharashtra at 2 am on 19th June, 2010 buried two houses killing eight persons. Heavy rains triggered the landslide.

- **Landslide incidence in Assam - 16th June, 2010**

As per media report landslides on 16th June, 2010 between Jatinga and Longrangjao as well as Mahur and Wadringdisa in Assam's North Cachar Hills district have disrupted train services.

- **Landslide incidence in West Bengal - 16th June, 2010**

As per media report a landslide on 16th June 2010 in the Kurseong sub-division of Darjeeling district, triggered by overnight rains, completely destroyed a 21-metre length of the National Highway 55 besides partially damaging another 22-metre stretch. The landslide have resulted in disruption of supply lines between Siliguri and Darjeeling districts of West Bengal and the suspension of the toy train services between Kurseong and New Jalpaiguri due to the damage of the narrow gauge tracks between Rongtong and Tindharia.

- **Landslide incidence in Sikkim - 16th June, 2010**

As per media report a landslide at Pegong, 80km from Gangtok on 16th June 2010 have led to the shut down of the road to Lachung in North Sikkim.

- **Landslide incidence in West Bengal - 16th June, 2010**

As per media report a landslide on 16th June 2010 on the Tripi road of Upper Gumfa area in Kalimpong Darjeeling district, led to the death of three people and serious injured two others.

- **Landslide incidence in West Bengal - 11th June, 2010**

As per media report Sikkim was cut off from West Bengal after landslides blocked National Highway 31 A on 11th June 2010. The landslides occurred at Hatisura under Kurseong police station, West Bengal.

- **Landslide Incidence in Uttarakhand - 9th June, 2010**

As per media report landslide on 9th June, 2010 near Kempty falls, Mussoorie, Uttarakhand damaged four vehicles including a bus.

- **Landslide Incidence in Himachal Pradesh - 9th June, 2010**

As per media report landslides on 9th June 2010 triggered by torrential rains were reported from several parts of the Shimla district, Himachal Pradesh, resulting in road blocks. Shimla recorded 61.8 mm rainfall.

- **Landslide Incidence in Maharashtra - 8th June, 2010**

As per media report a landslide on the morning of 8th June 2010 at Kamraj Nagar slum at Sion-Koliwada, Antop Hill, Mumbai led to the collapse of a compound wall that killed two girls and a left a woman critically injured. In another incident at Bhandup, Mumbai in Khindipada area, near the BMC pipeline at Bhandup-west two children were severely injured after being buried under a landslide on 8th June, 2010

- **Landslide Incidence in Manipur - 8th June, 2010**

As per media report landslides triggered by heavy rains on 8th June 2010 along NH-53 at Irang, Awang Khul and at a spot located about 4 kms from Noney, near Irang, Manipur have suspended traffic along the highway. Around 50 mm rainfall was recorded at Imphal. Another landslide on 8th June at Khumji village, Tamenglong District, Manipur destroyed one residential unit.

- **Landslide Incidence in Jammu & Kashmir - 4th June, 2010**

As per PTI report a landslide on 4th June 2010, in Baramulla district of north Kashmir led to the injury of one BSF constable.

- **Landslide incidence in Assam - 3rd June, 2010**

As per media report a mudslide at 5 AM on 3rd June 2010, on the foothills at Rongpur village under Bhairabnagar panchayat in Karimganj district, Assam left two persons dead and five others injured.

- **Landslide Incidence in Sikkim - 31st May, 2010**

As per media reports a landslide on 31st May 2010, cut off the road connecting Tsomgo and Nathula in Sikkim. The landslide has cut off road link between the state capital and North Sikkim district. The stranded tourists on the Jawaharlal Nehru Road have been rescued. The alternative highway to North Sikkim via Singtam in East Sikkim was also blocked at various places due to multiple landslides on 31st May. The East Sikkim district has experienced 100 mm rain since Sunday, 30th May 2010.

- **Landslide Incidence in Jammu & Kashmir - 27th May, 2010**

As per media report a school bus with 15 children on board while on way to the Army Goodwill School at Tyakshi in Turtuk area of Nubra valley close to the Line of Control (LoC) was trapped in a major landslide at about 9.45 am on May 27, 2010. Army personnel evacuated the school children trapped in the landslide.

- **Landslide incidence in Jammu & Kashmir - 25th May, 2010**

As per media report landslides struck Chadiyan village located on a mountainous slope near the border town of Uri in Baramulla district, Jammu & Kashmir on the evening of 25th May 2010, damaging several houses. Over 100 people were rescued by the police.

- **Landslide incidence in Sikkim - 20th May, 2010**

As per PTI report landslides were reported in Sikkim at Yaksha, 10 km from Lachung to Yumthang, and between Lachen-Gurudongmar lake route on 20th May 2010.

- **Landslide incidence in Jammu & Kashmir - 20th May, 2010**

As per PTI report an army jawan died after being hit by a heavy boulder during a landslide on 20th May 2010 near Siachen base camp Nobra, about 500 kms from Srinagar, in Leh district of Jammu and Kashmir.

- **Landslide incidence in Andhra Pradesh - 19th May, 2010**

As per media report four people were killed in a landslide, triggered by heavy rain (about 32 cm) on account of cyclone Laila, near the city of Vijaywada on the night of 20th may 2010.

- **Landslide incidence in Jammu & Kashmir - 18th May, 2010**

As per PTI report landslide on 18th May, 2010, triggered during widening of road stretch at Ragi Nallah, about 150 km from Jammu, on Batote-Kishtwar highway in Jammu and Kashmir's Doda district has led to the closure of the highway for vehicular traffic.

- **Landslide incidence in Ladakh, Jammu & Kashmir - 18th May, 2010**

As per PTI report two persons were killed in an avalanche-cum-landslide which occurred around 3.15 PM on 18th May 2010 at a location two kms short of the 17350 ft Chang La top on Leh-Karu-Tangtse axis in Ladakh region of Jammu and Kashmir. The Indian Army rescued 73 other persons trapped due to the landslide.

- **Landslide incidence in Jammu & Kashmir - 17th May, 2010**

As per PTI report traffic on the 434-km Srinagar-Leh national highway has been suspended after heavy landslides occurred on 17th May 2010, at Captain Mode, 100 km from Srinagar, and other places on the highway due to incessant rain in the Kashmir valley for the past one week.

- **Landslide incidence in Meghalaya - 12th May, 2010**

As per PTI report of 12th May 2010, landslides at Tongseng (Narpuh) and Sonapur on the National Highway No 44 in Jaintia Hills district, Meghalaya, triggered by heavy rains during the preceding two days have disrupted the traffic to Tripura, Mizoram and southern Assam.

- **Landslide Incidences in Jammu & Kashmir - 28th April, 2010**

As per PTI report of 28th April 2010 rains in the Kashmir valley caused landslides along the Srinagar-Leh national highway, killing a BRO labourer.

- **Landslide incidence in Sikkim - 24th April, 2010**

As per media report a sudden downpour resulted in multiple landslides on 24th April, 2010 at many places along the Jawaharlal Nehru Marg which resulted in disruption of road and telephone communications. More than 250 tourist vehicles and around 1,500 tourists including women and children stranded on the Jawaharlal Nehru Marg near Nathula were rescued by the Army.

- **Landslide incidence in Arunachal Pradesh - 21st April, 2010**

As per PTI report at least 12 people have died in Arunachal Pradesh due to landslides triggered by heavy rains on 21st April 2010. Landslides have cut off road links at Lohit, Upper Siang, Dibang Valley, Anjan and East Kameng districts.

- **Landslide incidence in Jammu & Kashmir - 20th April, 2010**

As per media report incessant rains has caused landslides at many places on Srinagar-Ladakh highway on 20th April 2010. The highway was closed on 20th April due to landslides at Zojilla.

- **Landslide incidences in Assam - 2nd April, 2010**

As per media report of 2nd April 2010 a landslide at the reserved forest village of Paglanala under Dholai block in the Cachar district, Assam has led to the death of three children and serious injury to two persons. The landslide was preceded by torrential downpour — around 26 inches — over the past few days.

- **Landslide incidences in Arunachal Pradesh - 2nd April, 2010**

As per media report at least seven persons, including four children, were killed after torrential rains triggered landslides at Koloriang, the headquarters Kurung Kumey district in Arunachal Pradesh on the night of 2nd April 2010. Kurung Kumey, along with other parts of Arunachal, has been experiencing heavy showers for the past one week.

- **Landslide incidence in Manipur - 27th March, 2010**

As per media report one house at Langthabal Khoupum in Imphal has been completely damaged due to landslide triggered by sudden sporadic downpours accompanied by heavy storm, which struck late on Saturday the 27th March 2010.

- **Landslide incidence in Jammu and Kashmir - 3rd March, 2010**

As per a media report the Jammu-Srinagar highway was closed to traffic on the morning of 3rd March 2010 following landslides and shooting stones at Panthal stretch of the road in Ramban district, Jammu and Kashmir.

- **Landslide incidence in Jammu and Kashmir - 27th February, 2010**

As per PTI report two pilgrims on way to Vaishno Devi cave shrine from Katra died in a landslide, triggered by rains, at Hathi Matha, in Reasi district, Jammu and Kashmir on 27th February, 2010.

- **Landslide incidence in Andhra Pradesh - 25th February, 2010**

As per media report (The Hindu) in a major landslip that occurred in a granite quarry at Chimakurthi near Ongole, Prakasam District, Andhra Pradesh on Thursday the 25th February 2010 about 20 workers were feared killed. The landslip occurred at about 7 p.m. when some 20 persons were working in the Hamsa granite quarry owned by the Nutrine company of Chittoor.

- **Landslide incidence in Uttarakhand - 23rd February, 2010**

As per media report (PTI) two children were killed and another injured when landslides triggered by heavy rains demolished a house at Tangadia village in Tehri district, Uttarakhand on 23rd February 2010.

- **Landslide incidence in Jammu and Kashmir - 22nd February, 2010**

As per media report one person was killed and 6 injured in a landslide incidence at Chairvani Village, Kangan Tehsil, Ganderbal District, Jammu and Kashmir on 22nd February 2010.

- **Landslide incidence in Himachal Pradesh 14th February, 2010**

As per media report (PTI) six persons were killed and 14 others injured in a landslide on the bank of river Satluj at Kachsthal village of Kinnaur district, 50 kms from Recong Peo, Himachal Pradesh on the morning of 14th of February, 2010. The mishap occurred near Karcham Wangto hydroelectricity project being carried by Jaypee group.

- **Landslide incidence in Jammu and Kashmir on 8th February, 2010**

As per media report (PTI) one person was killed and six others were injured when five houses were damaged in landslides on 8th February 2010 in Narundi area of Uri sector of north Kashmir's Baramulla district.

- **Landslide incidence in Himachal Pradesh on 8-9 February, 2010**

As per media report Himachal Pradesh's resort town Manali remained cut off from the rest of the country on 8th and 9th February 2010 due to massive landslides near Kalath on the Manali-Kullu highway (on NH-22) triggered by snow. Both the road stretches from Kullu - one from the Naggar side and the second the main national highway - have been blocked at various points. It started snowing in Manali around midnight after intermittent rain on 7th morning. So far, Manali and nearby areas have received more than three feet of snow.

- **Landslide incidence in Jammu and Kashmir 3rd January, 2010**

As per media report (PTI) landslides triggered due to heavy rains en route the cave shrine of Vaishnodevi in Trikuta hills of Reasi district, Jammu & Kashmir on 3rd January, 2010 has left a pilgrim injured.

Landslide Incidences for the Year 2009

- **Landslide incidence in Uttarakhand – 17th December 2010**

In Uttarakhand a landslide halted operations at the Tehri Dam on River Bhagirathi. The landslide also struck the under-construction 400-MW Koteswar Hydro Electric Project.

- **Landslide incidence in Arunachal Pradesh – 22nd November 2010**

The 330-year-old, Gaden Namgyal Lhatse Monastery in Tawang District, Arunachal Pradesh witnessed massive landslides. Some electric posts and plantation around the monastery were damaged.

- **Landslide incidence in Karnataka- 08th November 2010**

One person died as boulders crashed into two coaches of the Mangalore-Mumbai Matsyagandha Express near Karwar, district Uttar Kanara, Karnataka in the evening of 8th November 2010. In that incident one person got seriously injured and 14 more were hurt.

- **Landslide incidence in Western Ghats – 27th October 2010**

As per media a minor landslide caused cracks in the ground near Neyyar Dam at the foot of Western Ghats. One person died as boulders crashed into two coaches of the Mangalore-Mumbai Matsyagandha Express near Karwar, district Uttar Kanara, Karnataka in the evening of 8th November 2010. In that incident one person got seriously injured and 14 more were hurt.

- **Landslide incidence in J&K- 23rd October 2010**

An army captain, a Lance Naik and a Sepoy died in landslides, triggered in district Uri, J&K by heavy rains. These hampered traffic movement to Ladakh.

- **Landslide incidence in Himachal Pradesh- 22nd October**

As per the media, landslides have been reported near Rohtang Pass on the evening of 22nd October, 2010. A tourist from West Bengal, Debjani Chowdhury (51) from Hooghly collapsed and died because of cold while her husband helplessly looked on. Around 200 tourists from Bengal were trapped, according to an official. On Saturday, rescuers evacuated roughly 500 tourists, who had been stranded for more than 30 hours at the treacherous Rohtang Pass and along the higher reaches of the Leh - Manali road. More than 2,500 tourists were stranded at 12,500 feet after sudden snowfall closed the crucial Pass on 22-10-2010. Officials said the rescued tourists were safe and had recovered after first aid. Kolkata-resident Pernita Mukherjee, rescued on Saturday, said she was stranded along with a 17-member tourist group from West Bengal

- **Landslide incidence in Arunachal Pradesh- 04th October 2010**

(this is the date of letter sent from LHIM & EPE Division, GSI, New Delhi) Ten people were killed and about 300,000 displaced in flash floods and landslides triggered by heavy rains in Arunachal Pradesh.

Heavy rains triggered mudslides and flooding in at least three districts of Arunachal Pradesh, washing away bridges, huts and school buildings, besides devastating agriculture crops. "The devastation caused by the floods and landslides had been extensive with eight people already killed in incidents of house collapse due to landslides, besides snapping road links in many areas." The casualties were reported early on Saturday in Mosing village in Upper Siang district (of Arunachal Pradesh) bordering China, where several houses got buried under mounds of earth.

- **Landslide incidence in Uttarakhand-19th September**

Landslides and cloudburst triggered by incessant rain claimed 37 lives in Garhwal and Kumaon regions during past two days. Also over 5,000 tourists and pilgrims on Char Dham Yatra routes — Rishikesh-Badrinath and Kedarnath, Rishikesh-Gangotri and Dehradun-Yamunotri — were stranded.

- **Landslide incidence in Uttarakhand- 18th September**

In Dehradun district at least 11 people were killed and 14 others were trapped under debris as landslides triggered by heavy rains struck Uttarakhand destroying scores of houses in several villages.

The worst-affected area was Avalbagh block of Almora district where several villages were hit by heavy landslides killing six people and trapping 14 others under the debris in two villages.

Five people were killed when their house was flattened by heavy landslips at Pilkha village on Saturday afternoon and in nearby Devali village, a total of 15 persons were trapped under the debris of collapsed houses. The incessant rains also disrupted the annual Chardham pilgrimage with national highways and roads linking to them were hit by landslides at a number of places

- **Landslide incidence in Haryana- 12th September**

Landslides on the Panchkula-Morni route following heavy rains and uprooting of trees, left around 150 people on way to Haryana's only hill station stranded. Two Haryana roadways buses, 20 cars and 15 motorcycles too were stuck there. According to the PWD department officials the affected road stretch is about 7-8 km long. Heavy downpours caused massive landslides at numerous places across the state of Himachal Pradesh, uprooting trees, blocking roads and damaging crop. One person died in a house collapse incident in Nahan. Hundreds of vehicles were stranded at various places in the state due to blocked roads caused by landslides. On 20th August Heavy rains lashed Himachal Pradesh resulting in collapse of houses across the state and triggering a massive landslide on the Pathankot-Jogindernagar national highway. Link roads in interior areas of Kangra, Sirmaur, Mandi and Shimla were badly damaged following the downpour.

- **Landslide incidence in Assam-12th September**

Two persons were killed and about 300,000 displaced in flash floods and landslides triggered by heavy rains in the districts of Lakhimpur, Dhemaji, Golaghat and Bongaigaon of Assam.

- **Landslide incidence in Uttarakhand - 8th September**

A student died after he got buried under the debris as a landslide hit the road while he was going to school at Kotagi area in Rudraprayag district. The 'Chardham Yatra' comprising pilgrimage to the four hilly shrines of Badrinath, Kedarnath, Yamunotri and Gangotri was halted as heavy rains triggered a series of landslides at a number of areas in Garhwal Himalayas.

- **Landslide incidence in Andhra Pradesh- 1st September 2010**

As many as 10 houses suffered damages and one municipal primary school was razed to ground following landslides on 1st September. Several incidents of boulders falling on the households on the hill slopes were reported. The landslides bulldozed at least four houses on the hill slope at Bramhanandareddy Nagar in Machavaram and three at Ghulam Mohiuddin Nagar and another three at Chittinagar area. The inmates escaped with minor injuries. A municipal primary school structure also collapsed in the incident.

- **Landslide incidence in Uttarakhand- 20th August 2010**

Incessant rains lashed the state of Uttarakhand triggering landslides. The Ganga and Yamuna Rivers and their tributaries were flowing above danger level in most of the areas. While Rishikesh-Gangotri highway was blocked due to landslides at Bhatwari and Nalupani and Rishikesh-Badrinath at Lambagad, routes to Yamunotri pilgrimage area was disrupted at Ranachatti and Kedarnath at Gaurikund.

- **Landslide incidence in Uttarakhand- 19th August 2010**

Kapkot - 18 little children died and nearly 30 more trapped under the rubble of a school building, which collapsed in Bageshwar district on 18th August 2010 due to heavy landslides triggered by torrential rains.

- **Landslide incidence in Maharashtra- 18th August 2010**

The Konkan railway route was severely affected as several trains were halted at various stations after a landslide near Ratnagiri. The traffic on this route was off the track for almost seven days

- **Landslide incidence in Uttarakhand - 9th August 2010**

As per media report landslides triggered by heavy rainfall on 9th August 2010 near Nirgaddu about 4 km from Tapovan on Rishikesh - Badrinath route blocked the highway for 6 hours. Landslides between Dharasu and Nalupani near Uttarkashi and at Menagarh near Sukki on the same day blocked the Rishikesh – Gangotri highway.

- **Landslide incidence in Mizoram - 6th August 2010**

As per media report landslides on 6th August 2010 at Mamit town about 200km from Aizawl, in western Mizoram have damaged three houses. Ten houses and shops in the town's market zone have been identified as "unsafe" and the residents have been directed to move to safer location.

- **Landslide incidence in Mizoram - 6th August 2010**

As per PTI report a massive landslide triggered by heavy rains on 6th August 2010 at the cemetery of Dawrpui Vengthar locality, Aizwal has swept away number of tombs.

- **Landslide incidence in Jammu and Kashmir - 5th - 6th August 2010**

As per media report flash floods and mudslides triggered by cloudburst at Leh, Ladakh on 5th - 6th August 2010, have flattened and submerged houses leading to the death of around 145 persons. Several villages along the Chang-la pass, the world's second-highest motorable road, were feared washed away. The toll, in the biggest natural catastrophe in Leh's living history is likely to be much more as many are still missing, and several far-flung villages are yet to be accessed by rescue teams.

- **Landslide incidence in West Bengal - 5th August 2010**

As per ANI report landslides triggered by heavy rains at Gayabari, Darjeeling district, West Bengal on 5th August 2010 have disrupted the National Highway 55 and severely damaged the narrow gauge rail track. The landslides have upset all road links from Siliguri to various other places in Darjeeling district such as the hill resort of Darjeeling, Kalimpong, Kurseong and Sukna.

- **Landslide incidence in Uttarakhand - 5th August 2010**

As per PTI report landslides triggered by torrential rains occurred on 5th August 2010 in Basantpur village, Chamoli District, Uttarakhand. A house collapsed in the landslides killing five members of a family.

- **Landslide incidence in Himachal Pradesh - 4th August 2010**

As per media report landslides triggered by incessant rains on 4th August 2010 at Baralacha La and Rahni Nallah in Himachal Pradesh have blocked the Manali – Leh highway. Landslides have obstructed several stretches of the highway, leaving thousands of passengers stranded.

- **Landslide incidence in Uttarakhand - 31st July, 2010**

As per media report landslides at a number of places triggered by heavy rains on 31st July, 2010 have disrupted traffic to Chardham tourist circuit comprising Badrinath, Kedarnath, Gangotri and Yamunotri shrines.

- **Landslide incidence in Himachal Pradesh - 31st July 2010**

As per media report a massive landslide triggered by rains on on NH-22 near Taradevi, 12 km from Shimla, disrupted traffic on the highway.

- **Landslide incidence in Maharashtra - 30th July, 2010**

As per media report heavy rains in Konkan led to a massive landslide on 30th July, 2010 in the Amboli ghat in Sindhurg, Maharashtra isolating the area from Kolhapur and Belgaum. As per media report a landslide triggered by rains occurred at Milimd Nagar slums in Ghatkopar area in suburban Mumbai on 31st July, 2010. The landslide buried half a dozen dwelling units.

- **Landslide incidence in Karnataka - 29th July 2010**

As per media report torrential rains on 29th July 2010 triggered a landslide at Shakthinagar, Mangalore. The landslide damaged a house and injured one person. As per media report a landslide triggered by rains on 1st August 2010 in Eliyarpadavu of Amblamogaru gram panchayat damaged a house completely. More than 30 houses developed cracks due to the landslip.

- **Landslide incidence in Manipur - 29th July, 2010**

As per media report a landslide triggered by rains occurred on 29th July, 2010 on the National Highway 53 at Tupul area in Tamenglong district. The landslide disturbed the connection of Manipur with Silchar.

- **Landslide incidence in Uttarakhand - 29th July, 2010**

As per media report landslides, triggered by heavy rain, blocked two key highways connecting Rishikesh, Gangotri and Badrinath in Uttarakhand on 29th July, 2010, leaving hundreds of people stranded. The landslides occurred on the Rishikesh-Gangotri National Highway at Nalupani in Uttarkashi district and the Rishikesh-Badrinath National Highway at Chhinka in Chamoli district.

- **Landslide incidence in Uttarakhand - 29th July, 2010**

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- **Landslide incidence in Manipur - 28th July, 2010**

As per media report a landslide on 28th July, 2010 near the 22 Assam Rifles camp at Maram, Manipur has cut off the Imphal-Mao section of the NH-39. The landslide was triggered by heavy rainfall in the preceding few days.

- **Landslide incidences in Himachal Pradesh - 25th July, 2010**

As per media report a number of houses collapsed in the landslides on 25th July, 2010 in Kanlog area in Shimla which was lashed by 72.3 mm overnight rains. Two labourers lost their lives and three people were injured in the landslide as the boulders and debris fell on their hut. As per another

media report the Chamba – Holi Road was blocked due to landslide at Kuther Nala on 25th July, 2010. Landslides have also blocked roads in Dharamsala, Solan and Nahan.

- **Landslide incidences in Jammu and Kashmir - 25th July 2010**

As per media report landslides on 25th July 2010, triggered by heavy rains, near Panthal between Ramban and Ramsu has blocked the Jammu-Srinagar highway. The Amarnath pilgrims were stranded on the highway.

- **Landslide incidences in Maharashtra - 22-24 July, 2010**

As per media report heavy rains triggered a landslide at the New Mhada Colony near Nagari Nivara in Dindoshi, Malad (E), on 22nd July, 2010, rendering six families homeless. The landslide brought down a portion of a row-house and mud has swamped six others in the same line, which are now on the verge of collapsing. As per media report a landslide on 24th July 2010 triggered by heavy rains has disrupted the railway track at Nivsar, Ratnagiri district on the Konkan Railway corridor between Ratnagiri and Adivali. Nearly 5,000 passengers were stranded in Ratnagiri district as Konkan Railway services collapsed. Nivsar received 220 mm of rain on 23rd July. As per the same report traffic on stretches of the Mumbai-Goa Highway and other arterial roads was also blocked due to landslides on 25th July.

- **Landslide incidences in Uttarakhand - 22nd July 2010**

As per media report a landslide triggered by incessant rains on 22nd July 2010 on the Patlot-Aghora road, Almora District led to the death of one person.

- **Landslide incidence in Sikkim - 14th July 2010**

As per PTI report a landslide at Tingda in North Sikkim, about 60 km from the North Sikkim district headquarter town Mangan on 14th July 2010 has blocked the Mangan-Gangtok Highway.

- **Landslide incidence in Himachal Pradesh - 11th July 2010**

As per media report to a massive landslide near the Rani nullah on 11th July, 2010 has led to indefinite closure for traffic, of 13,050-ft high Rohtang Pass, by the Border Roads Organisation (BRO). The traffic to Manali-Keylong and Leh and Pangri, Kaza and Spiti have come to a standstill.

- **Landslide incidence in Himachal Pradesh - 6th July 2010**

As per media report incessant rains have caused landslide at Choling on 6th July 2010 disrupting traffic between Rampur and Reckong Peo. The incessant rains have also caused massive landslides in upper Shimla, hampering vehicular traffic. The National Highway 22 was also closed at various points in Kinnaur district due to landslides. Most major roads in Kinnaur have been closed for traffic. The highway at Wangtoo and Malling are the worst affected. The road connectivity between Kinnaur and Kaza in Lahaul and Spiti district has been hampered.

- **Landslide Incidence in Uttarakhand - 4th July, 2010**

As per media report heavy monsoonal rains have triggered number of landslides on 4th July, 2010 in Uttarakhand resulting in blocking of highways leading to Uttarkashi and Rudraprayag districts.

- **Landslide incidence in West Bengal - 3rd July 2010**

As per media report a landslide on the National Highway 55 on 3rd July 2010 severely damaged the narrow gauge train tracks. This has led to the suspension of the services of Darjeeling Himalayan Railway (DHR).