

DISASTER ZONE!

NATURAL PHENOMENA



TERRIBLE DISASTERS



HURRICANE

EARTHQUAKE

TSUNAMI

STORM

TORNADO

WILDFIRE

FLOOD

AVALANCHE

LANDSLIDE

VOLCANO

THUNDER AND LIGHTNING

HAILSTONES

THERE WAS/ THERE WERE

- ▶ There was a terrible earthquake in China in 2008.
- ▶ There were floods in Britain in 2007.
- ▶ There was a terrible volcanic eruption in Pompeii in 79 AD.
- ▶ There was a hurricane in New Orleans in 2005.
- ▶ There were claims that there was up to 700 tonnes – 70 times the permitted amount – of cyanide at the site, the Guardian reported.

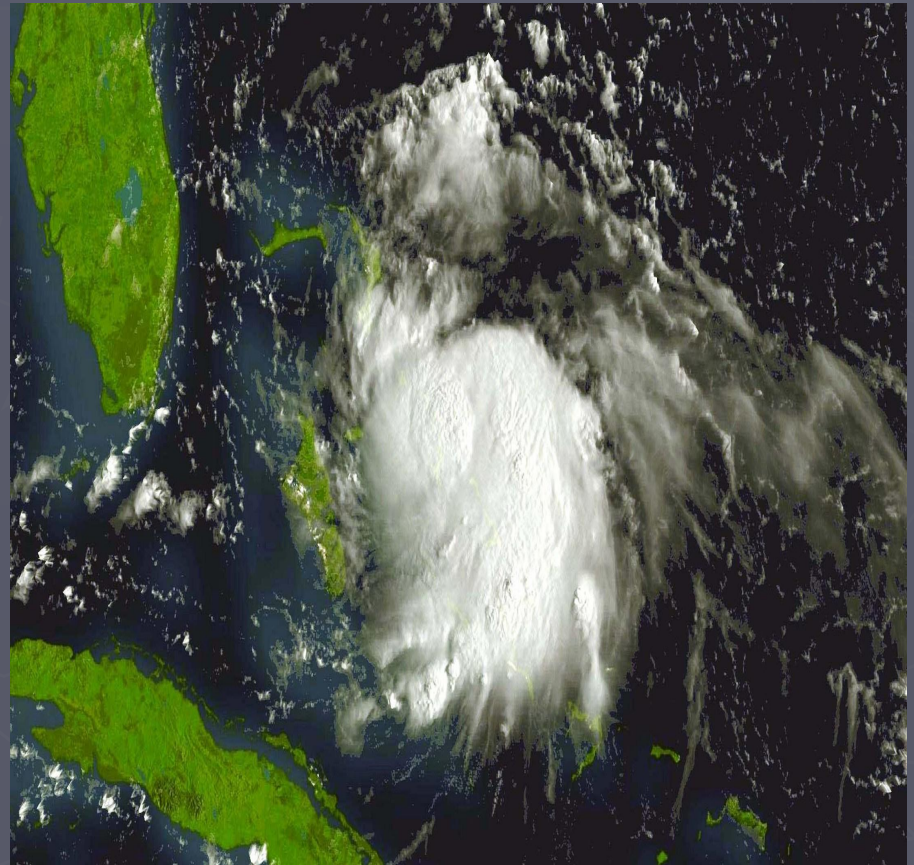
NEWS IN BRIEF



- ▶ Where was the wildfire?
- ▶ How many people were staying in temporary accommodation because of the fire?
- ▶ Who was missing in the avalanche?
- ▶ What factors made the search operation more difficult in the Alps?
- ▶ What happened to John Molinero?
- ▶ How did John survive?

KATRINA

Hurricane Katrina was one of the most deadly storms to ever hit America's shores. It killed approximately 1,800 people, cost billions in property damage and displaced more than 400,000 residents



27 August 2005

Storm becomes category 3 hurricane

- ▶ Katrina classifies as a category 3 hurricane and doubles in size. President George W Bush declares a state of emergency in parts of Louisiana, Alabama and Mississippi. A hurricane-hunter aircraft flies into Katrina to measure wind speed, barometric pressure, ocean surface temperature and other data. The circulation covers the entire Gulf of Mexico, according to Meteorologist Chris Landsea, who is aboard the flight into Katrina.



Hurricane KATRINA

- ▶ Major flooding in New Orleans
- ▶ Katrina makes landfall, with its strongest winds weakening slightly. New Orleans floods, as a section of the 17th Street Canal levee fails. The city loses clean water and electricity, and communication is cut off. More than 1,500 people die in Louisiana, including about 30 residents of St Ritas Nursing Home. Katrina makes landfall, with its strongest winds weakening slightly. New Orleans floods, as a section of the 17th Street Canal levee fails. The city loses clean water and electricity, and communication is cut off. More than 1,500 people die in Louisiana, including about 30 residents of St Ritas Nursing Home, and more than 200 die in Mississippi. At the time, New Orleans's levee system is not built to withstand worst case scenarios. 'We were just caught by a storm whose intensity exceeded the protection that we had in place' Lt Gen Carl Strock, chief of engineers

MAJOR FLOODING



EXPLOSION IN CHINA



TIANJIN EXPLOSIONS

- ▶ **Tianjin explosions:
'Hundreds of tonnes' of cyanide
at China blasts site**
- ▶ **It is believed that
the sodium cyanide
at the site could
have been 70 times
the allowed amount**



NEWS

- ▶ Hundreds of tonnes of highly poisonous cyanide Hundreds of tonnes of highly poisonous cyanide were being stored at the warehouse devastated by two giant explosions in the Chinese port city of Tianjin which killed 112, a senior military officer said on Sunday.
- ▶ The disaster has raised fears of toxic contamination. Residents and victims' families hit out at authorities for what they said was an information blackout, as China suspended or shut down dozens of websites for spreading "rumours".

EXPLOSION IN CHINA

- ▶ **Tianjin - the toll (потери)**
- ▶ Officials now say 114 people died in the explosions
- ▶ Still missing: 70, mostly firefighters
- ▶ Nearly 700 are still in hospital
- ▶ At least 6,000 people have been displaced, state media report
- ▶ Some 17,000 homes damaged by the blasts and their shockwaves

THE EXPLOSION IN CHERNOBYL

One of the largest catastrophes occurred on the 26th of April, 1986. It was the explosion of one of the energy blocks at the Chernobyl Nuclear Power Plant in Ukraine.



It is considered to be the worst nuclear plant disaster in history. Due to this explosion there was a highly radioactive fallout into the atmosphere which covered thousands of square kilometers of land. The most contaminated zones included Ukraine, Russia and Belarus and affected directly about 2 600 000 inhabitants.





Some of them died in the first ten years, some were evacuated out of the place. After the accident in Chernobyl, soil and forest areas were polluted with radioactive elements. Besides that, the health of the population was seriously damaged which resulted in increase of infantile mortality, cancer or thyroid and in increase of the amount of children born with leukemia, malformations, tumors and other affections.

THUNDERSTORMS



ELMIRA, N.Y., July 27 (Reuters) —

Two people were dead and more than 100,000 homes and businesses in New York, Ohio and Pennsylvania were without electricity Friday morning after severe thunderstorms swept through the region late Thursday.

The storms spawned a tornado that touched down in Elmira, New York, toppling trees and tearing off roofs, the National Weather Service said.

Officials in Pennsylvania and New York reported two storm-related deaths.



BREAKING NEWS

- ▶ A woman who was camping in Genesee, Pennsylvania, near the New York State line, was killed when she took refuge from the storm in her car and a tree then fell on it, John Hetrick, director of emergency services for Potter County, said.
- ▶ In New York City, a 61-year-old man in Brooklyn's Cobble Hill neighborhood was killed when scaffolding at a church collapsed on him as the storm passed through near 8 p.m., police said

In Elmira, the city's east side took the biggest hit from the tornado. In one four-block neighborhood, most homes had trees toppled upon them, street signs were bent in half and tree trunks had debris wrapped around them. Several cars were crushed by downed trees.



THE AVALANCHE IN KATMANDU



- ▶ KATMANDU, Nepal (AP) — An avalanche and blizzard in Nepal's mountainous north have killed 12 people, including foreign trekkers, officials said Wednesday as weather conditions improved.
- ▶ An avalanche on Wednesday buried four Canadians and one Indian trekker in Phu, said Devendra Lamichane, chief administrator of Manang district. The snow buried the trekkers' bodies and digging them out would take days, he said.
- ▶ Three villagers were killed Monday in the same district, about 160 kilometers (100 miles) northwest of the capital, Katmandu, and their bodies were recovered on Wednesday.

GERMAN SURVIVOR

A German survivor of a weekend avalanche at Mount Manaslu in the Himalayas arrives at the Tribhuwan domestic airport in Katmandu, Nepal, Wednesday, Sept. 26, 2012.



AMERICAN SURVIVOR



- ▶ American Glen Plake, a survivor of a weekend avalanche at Mount Manaslu in the Himalayas arrives at the Tribhuvan domestic airport in Katmandu, Nepal, Wednesday, Sept. 26, 2012.

HOMEWORK

Природные катастрофы

Такие природные катастрофы, как наводнение, пожар, торнадо, землетрясение, цунами все чаще встречаются на нашей планете. Вкратце, природная катастрофа – это результат стихийного бедствия, которое оказывает негативное влияние на человека. Эти геологические процессы могут привести к серьезным последствиям, например, смерти, материальному ущербу, экономическим проблемам. Некоторые районы в большей степени подвержены стихийным бедствиям. Например, почти вся береговая линия Новой Зеландии подвержена цунами, в то время как Дальний Восток подвержен наводнениям. Зная о возможных опасностях, люди должны быть готовы защитить себя, свои семьи и общины. Два важных шага, которые нужно предпринять, это составить чрезвычайный план и собрать набор первой помощи. Тем не менее, все известные стихийные бедствия носят уникальный характер, поэтому их следует рассматривать по отдельности. К некоторым распространенным стихийным бедствиям относятся землетрясение, наводнение, засуха, жара, ураганы, извержения вулкана, град, торнадо, цунами, оползни, пожары, снежная буря. Я хотел бы рассказать вам немного подробнее о наводнениях, ураганах и землетрясениях. Наводнение – это затопление территории земли водой. В тяжелых случаях оно приводит к гибели людей и животных. Зачастую пропадает урожай, что приводит к голоду. Ураган – тяжелый тропический циклон или шторм, который часто встречается в определенных частях Атлантического и Тихого океанов. Его разрушительная сила может приводить к изменениям в погоде и экономике. Также, он может привести к проливным дождям, грозам, наводнению или даже к торнадо. Землетрясение является результатом внезапного столкновения тектонических плит Земли. Такое столкновение приводит к массовым колебаниям земли, иногда со смертельным исходом. Однако, зная конкретные угрозы и меры, которые нужно предпринять, можно спасти жизнь многим людям.

LOVE OUR NATURE





