ASTEROID STRIKES EARTH!



"An incredibly bright star falls from space temporarily blinding all who look at it." From: Anthony Carr's STARGAZER 2011, p16

The Saturday Sun ■ FEBRUARY 16, 2013

"A giant comet like 'object,' <u>visible even by day,</u> will appear on the horizon, heralding momentous global changes."

From: Anthony Carr's STARGAZER 2011, p107

The big bang story

With a blinding flash and a booming shock wave, a meteor streaked across the sky over Russia's Ural Mountains region Friday and exploded with the force of an atomic bomb.

Estimated speed

Estimated size

MOSCOW RUSSIA
Chelyabinsk
Chebarkul
KAZAKHSTAN
STARGAZER
PARIFICANNA PROPHETER

"A meteor strikes a major city with the force of an atom bomb."

From: Anthony Carr's STARGAZER 2012, p35

SCROLL DOWN FOR MORE

ANTHONY CARR

Asteroid Barely Misses Earth!

Coming Cosmic Catastrophe!

"A great comet – not yet observed – is on collision course with Earth! Yet a slight deviation from its elliptic orb miraculously spares us being slammed into oblivion!"

From: Anthony Carr's STARGAZER 2011, p11

THE GLOBE AND MAIL

"A catastrophic crack in the Cosmos heard around the world terrifies the populace! And this too shall pass. However, it is but a warning, a prelude of what's to come! Look to the heavens for signs!..."

From: Anthony Carr's STARGAZER 2012, p7

SCIENCE

'It's a wake-up call,' scientists warn

Meteorite that hit near Russian city, breaking windows, injuring hundreds, shows need for better detection of threats from space

IVAN SEMENIUK SCIENCE REPORTER

CAMBRIDGE, MA

When the sky is falling, you can count on Richard Binzel to get

excited.

Standing in his office at the
Massachusetts institute of Technology, Dr. Binzel brandishes a
blackened lump of iron that is not
of this Earth: "You wouldn't want
to have this land on your head,"

he says.

Dr. Binzel's specialty is asteroids

- the flying bits of rock and metal
that whiz by our planet with disconcerting regularity and sometimes score a direct hit. The
grapefruit-sized fragment in his
hand is a piece of cosmic shrapnel
from a massive iron meteorite
that blazed over the Sikhote-Alin

region of eastern Siberia in 1947.

Now, he and his Fellow planetary scientists are abuze over another Russian freball, which
exploded on Fidday morning over
Cheylabink, a city of more than
one million people east of the
Ural mountains. The blast wave
created by a 15 metre space rock
thirting the atmosphere at 18 jb.
dows and caused light structural
damage. Estimate based on multiple sources of evidence, including infrasound – pressure waves

at too low a frequency for

humans to perceive - suggest the

energy delivered was greater than

WHERE IT HET

SWE
FIN.
RUSSIA

BEL Moscow
UKR

KAZAK
Chełyabrosk
where meteorite
caude explosions

HE GLOBE AND HALL IS SOURCE AP "It's a wake-up call," says Chris-

tr's awake-up can, says-climbopher Herd, an associate professor in the department of Earth and Atmospheric Sciences at the University of Alberta.

Dr. Herd is a member of the international committee that will name the Chelyabinsk fireball, a designation that will go with any pieces that turn up. Fragments

ternational committee that will name the Chelyabinsk fireball, a designation that will go with any pieces that turn up. Fragments would hold a special place in his tory, he notes, because they'd be ever observed on its flight through the atmosphere. Time is of the essence, he adds, because are isotopes formed in the vacuum of space could be lost or contaminated by exposure to the

elements.

If pieces of the fireball are found, scientists will be curious to see how much diversity they ex-

Prof. Brown says, in different circumstances, the object in Russia might have been spotted shaed of time by existing surveys, just as the Sudanese meteorite was, Initial Indications are it approached Earth from the daylit side, which would have made it impossible to spot with a telescope on the ground. Fred. Brown adds it would require a significant increase in recound. Fred. Brown and the state of the side of the side of the properties of the side of the side of the beet of the side of the side of the side of the beet unsured lands from space.

including a small Canadian satellite, NEOSSat, due to launch on Feb. 2s. But Russell "Rusty" Schweickart, a former Apollo astronaut and advocate for asteroid surveil lance, laments the lack of an internationally co-ordinated effort to spot larger threats. He is co-

and advocate for asteroid surveillance, laments the lack of an internationally co-ordinated effort to spot larger threats. He is cofounder of Bérz, a non-profit group that wants to launch an infrared telescope called Sentinet that will travel on solar orbit to survey the larger asteroids of the

survey the larger asteroids of the inner solar system. It would track asteroids 30 metres wide or larger. "We're looking at things that are going to involve potentially the deaths of many people, large destruction, not things that just break windows." he says.

"Once you find them and track them, then you can forecast decades ahead and thereby prevent their impact by deflecting them. That's why you need to begin A TIMELINE
The entry: A 7,000 tonne
meteor entered the atmosphere above Chelyabinsk

meteor entered the atmosphere above Chelyabinsk, Russia, at 9:20 a.m. local time at a speed at least \$4,000 kilometres an hour, disintegrating at a height of 30 to 50 kilometres. Researchers at NASA say it hailed from the asteroid belt between Mars and Jupiter.

The strike: The meteor unleashed a force 20 times more powerful than the Hiroshima bomb, although the space rock exploded at a much higher altitude. The fireball it produced was dramatic, causing a sizable sonic boom.

The fallout: An estimated 1,000 people including 200 children were injured. Many were hurt rushing to windows to glimpse the fireball, only to have the windows shatters, Shock waves from the debris are believed to have knocked in part of the roof and walls of a local zinc plant and damaged 3,000 other buildings.

Associated Press

The motion that site give facilities for all lights of the control of the control

SOURCE: NASA, THE GUARDIAN



Greatest see Nostradamu left alegacy



BY MARTIN W

Times, and one manmore than any other – had the clairvoyant power to foresee how this perilous era will unfold in all its horrifying

That man was Cheiro, extolled as the most insightful prophet since Nostradamus, a psychic palm reader who Mark Twain and Oscar Wilde

have been recorded in publications worldwide, inclusions. Sun.

"Many other psychical and a superior of the superior of the

also foreseen t Times," Carr writes "I believe an event will occur – not so much catastrophic but perhaps one filled with wonderment and awe, because, God knows, the mess we're in now that is slowly

devolving into WWIII is catastrophic enough, thank you very much. The King of Kings, the Star-traveler who created us, is coming to stop the carnage "...lest all flesh perish!"

Then – and only then – will there be peace on Earth... [see Revelation; Christian Bible].

Then surely all religions will be One!"

From: Anthony Carr's STARGAZER 2011, p8

"The ultimate end of this planet? Only when the great Goby once more becomes an ocean.
A Cataclysmic, Universal Sympathetic Vibration of the "C" musical note shall ultimately and utterly shatter the planet Earth!!! (Not now, but someday soon.)"

person who sa events with uncar racy, before any o ers, was Cheiro, "Watch for a sign in the heavens that will shock the world! Like a bolt of lightning – perhaps in the form of a UFO – it will put the fear of God in us!... I feel a great revelation for the world is at hand, as if the entire population is coming to its collective senses as we realize we must do something before it's too late. We'll help each other and band together for protection and for the sake of the survival of the human race. Reversal of celestial and terrestrial events and properties will reverse polarities and

moralities and return us to old-fashioned values."

ore than six tragedy—Carr my mind: From: Anthony Carr's STARGAZER 2011, p108 or which he de-

heavents; bright enough to be seen during daylight hours."
When Carr saw the first home videos of the Columbia disaster

help of its ally Great Britain, will emerge as the dominant world power.

Violent volcanic eruptions!

lobal war will ravage Earth!

PERSONAL PROPERTY OF THE