



“XPLORATION AWESOME PLANET”

SEASON I - 2014/2015

FCC FRIENDLY EPISODE WRITE-UPS

FIRST QUARTER

Week of December 29, 2014 through week of March 23, 2015

Week of December 29, 2014 (Episode #117)

Host Philippe Cousteau ventures to Mt. Washington in New Hampshire, a place known as the “Home of the World’s Worst Weather.” We visit the “Wall of Wind” in Florida where scientists simulate hurricane force winds. In Colorado, we follow a scientific research team pursuing a tornado. We travel to Texas Tech, where they explore the destruction of debris thrown by tornadoes.

Week of January 5, 2015 (Episode #118)

Host Philippe Cousteau takes us to the Poconos of Pennsylvania, where we find a variety of plants, including some that eat insects. We explore a lush forest and uncover several plants that are edible. We visit a laboratory that has made groundbreaking discoveries in the way plants communicate.

Week of January 12, 2015 (Episode #119)

Host Philippe Cousteau explores the cause of recent forest fires. We examine the nature of lightning strikes and how scientists are tracking them. We visit the country of Iceland and venture onto a large glacier and explore an ice cave. We also discover why glaciers are melting and how this will change the sea level.

Week of January 19, 2015 (Episode #120)

Host Philippe Cousteau travels to Utah where scientists have discovered a massive amount of dinosaur bones. We also go to an area where dinosaur footprints have been preserved. Then we visit Hawaii and see how these islands evolved from volcanoes. Philippe then tours an old coal mine in Pennsylvania and explores the fascinating way fossil fuels were formed.

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Week of January 26, 2015 (Episode #121)

Host Philippe Cousteau visits the famous Woods Hole Oceanographic Institute and finds what discoveries they've recently made under the deep sea. Then we travel to the Florida coast where Philippe goes scuba diving to observe the health of their coral reefs. Then we go to Maui, Hawaii and explore the power of their massive waves with the help of a professional surfer.

Week of February 2, 2015 (Episode #122)

Host Philippe Cousteau explores the famous waterfalls and geysers of Iceland. Then he travels up a volcanic mountain, which is expected to erupt at any moment. Philippe also discovers how Iceland uses geothermal and hydro power to produce all their electricity. Finally, Philippe hikes on one of the largest glaciers in the country.

Week of February 9, 2015 (Episode #123)

Host Philippe Cousteau travels to Sedona, Arizona, where we look at the spectacular red rock formations. Then we travel to Hawaii, which has red, black and green beaches. We then go to Yellowstone National Park, where some of their hot springs produce brilliant colors due to heat-loving micro-organisms. Finally, we take a look at some colorful animals, including the octopus, which can change its color in an instant.

Week of February 16, 2015 (Episode #124)

Host Philippe Cousteau visits the Hawaiian Islands and explores their traditional methods of catching fish and collecting sea salt. Philippe also dives off the coast of Maui and discovers sea creatures along the coral reef. We also travel to Kauai and search a limestone cave where ancient artifacts are preserved.

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Week of February 23, 2015 (Episode #125)

Host Philippe Cousteau visits the amazing landscape of Croatia, which has some of the worlds' most amazing waterfalls and caves. At the Plitvice Lakes National Park, Philippe explores the ever changing lakes systems due to naturally forming dams. Philippe also discovers some large caves and sees how stalactites and stalagmites are formed. Then it's onto the island of Brac, which is famous for their limestone quarries. We visit a stone masonry school where students turn white limestone into beautiful works of art.

Week of March 2, 2015 (Episode #126)

Host Philippe Cousteau looks at renewable sources of energy that can replace our reliance on fossil fuels and consequently, help clean up our atmosphere. Solar panels, wind turbines and hydro-power are clean forms of energy that are being developed and deployed throughout the world. There's also an environment-friendly replacement for gasoline in the form of algae biofuel. Philippe shares all the exciting new developments in this area and gives hope for a healthier future of our planet.

Week of March 9, 2015 (Episode #127)

Host Philippe Cousteau examines the cause of volcanoes, earthquakes and tsunamis. We visit the Big Island of Hawaii, where there is still an active volcano. Then we visit a laboratory at Oregon State University that is able to simulate a tsunami. We'll explore the damage that these massive waves cause. Then we head to the Puget Sound in Washington and discover the history of tsunamis in the Northwest with the help of geologist, Brian Atwater. We'll learn if a tsunami will happen again on the west coast.



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Week of March 16, 2015 (Episode #128)

Host Philippe Cousteau explores Yellowstone National Park, the site of a potential super-volcano. Fifty miles of magma lurks near the surface, and if it were to erupt, its ash would cover the earth and damage crops worldwide as well as our drinking water. Then Philippe visits Meteor Crater in Arizona, the site where a meteor once struck 50,000 years ago. We'll examine the damage it caused, and wonder if it could happen again. Then we travel to the Hawaiian Island of Maui, where powerful telescopes search the universe for meteors that might be heading our way. We explore the possibility of another meteor reaching our planet.

Week of March 23, 2015 (Episode #129)

Host Philippe Cousteau visits the Everglades of Florida and travels these waters by airboat to discover wildlife. Then we visit Yellowstone and explore this unique ecosystem that remains relatively undisturbed. We'll also look at planet Earth as one giant ecosystem, and examine the inter-dependency of all living things.