

# **“XPLORATION AWESOME PLANET”**

SEASON VII - 2020/2021

**FCC FRIENDLY EPISODE WRITE-UPS**

## **FOURTH QUARTER**

Week of September 28, 2020 through week of December 21, 2020

### **Week of September 28, 2020 (Episode #105)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we visit a few remote areas to see how research and restoration is conducted. We'll start in the Yasawa Islands of Fiji where manta rays migrate each year for food. Then we'll go to the Hawaiian island of Kaho'olawe, which is off-limits to the general public. Here we'll see a unique history of destruction that one organization is helping to restore. We'll finish up in Virginia seeing how drones are helping researchers access remote locations quicker and easier.

### **Week of October 5, 2020 (Episode #106)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll meet a few different science communicators. We'll start at Cal State Long Beach where one researcher is helping to communicate the impacts of development on local salt water marshes. Then we'll head to Florida where we meet a researcher educating the public daily on the hazards and health effects of red tides. After that we'll visit a large STEM event in Tulsa Oklahoma where communication is key for a day with thousands of students on hand to learn about science. We'll finish up in

### **Week of October 12, 2020 (Episode #107)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we dive with dozens of bull sharks in Fiji to see how a protected marine reserve is helping local sharks to thrive. We then head to South Florida to plant native mangroves in an area of need. We head down to a nearby beach to then remove invasive plants that affect Miami's coastlines in a negative way. The journey ends with a trip to Maui where local volunteers help to keep endangered Hawaiian Monk Seals safe when they come ashore.



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### **Week of October 19, 2020 (Episode #108)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores some of our planet's most incredible natural formations. We'll look at different types of corals in Fiji, visit a remote glacier in the Canadian Rockies, and marvel at the arches of the Utah desert.

### **Week of October 26, 2020 (Episode #109)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we observe two of the ocean's apex predators in the wild. We'll start in British Columbia following an orca researcher in the field to observe a hunt and try to get a biopsy sample of these massive predators. Then it's off to Cape Cod, Massachusetts where we head out with one of the world's prominent researchers of great white sharks. We'll look to tag free-swimming white sharks throughout the day as they swim up and down a coastline full of seals.

### **Week of November 2, 2020 (Episode #110)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Philippe takes us inside one of the most powerful forces on Earth - wind. First, he joins researchers studying category five hurricanes, which have winds in excess of 157 miles per hour. Then it's off to follow tornado trackers as they hunt for a twister. Afterwards, Philippe discovers the surprising way that wind causes lightning to form. And finally, he takes a trip up a mountain where the fastest winds in the Northern Hemisphere have been recorded.

### **Week of November 9, 2020 (Episode #111)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we travel to the intersection of sports and our environment. We start in the Rocky Mountains where an Olympic snowboarder aims to keep our mountains protected. Then it's off to Hawaii where a professional surfer is teaching kids the importance of keeping our oceans and beaches clean. From there it's on to California as a world champion boxer fights for water rights. And finally a professional football team hopes to lead the way with renewable energy in their stadium.

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### **Week of November 16, 2020 (Episode #112)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, we reveal the winner of our third ever #StudentExplorer Contest. Philippe and the lucky student then head to Hawaii to meet up with famed conservationist Ocean Ramsey where they will swim with sharks three miles off-shore in their natural habitat.

### **Week of November 23, 2020 (Episode #113)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, he unearths some of the ways scientists, students and regular citizens are working to save our Earth. From creating “safe havens” for New Zealand’s endangered species, to breeding clownfish in Australia, and introducing disadvantaged kids to the wonders of the oceans, these environment guardians are doing their part to make a positive impact in the world.

### **Week of November 30, 2020 (Episode #114)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Philippe travels to Pennsylvania to explore a hidden wonder beneath the Appalachian Mountains and see how researchers at Carnegie Mellon University are using cutting-edge science to measure air quality in Pittsburgh. We’ll also investigate a bolder field where the rocks make a unique “ringing” sound and then stop by a mushroom farm to unearth how sustainable farming practices can positively impact inner city gardens.

### **Week of December 7, 2020 (Episode #115)**

In this episode, Cousteau takes us to the American mid-West to see how wildlife in Yellowstone National Park cope with the harsh winter environment. We then climb to the top of Zion National Park’s most famous peak before heading to a Pacific island to explore some of the tallest sea cliffs in the world. The journey ends by venturing into the Canadian wilderness to experience a crystal-clear nighttime sky.



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### **Week of December 14, 2020 (Episode #116)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most spectacular places on the planet. In this episode, Cousteau explores the different ways an environmental painter, sculptor, photographer and craftsman blend nature with art.

### **Week of December 21, 2020 (Episode #117)**

Join host Philippe Cousteau Jr., grandson of legendary explorer Jacques Cousteau, as he journeys to the most unique formations and natural wonders of our planet. In this episode, we'll visit a facility in Reno that makes biofuel for United Airlines aircraft. We'll also look at kelp farming in Maine, plastic waste reduction at the University of Pennsylvania, and ways solar technology has advanced.