

STARFLEET

KAG

UNITED FEDERATED
PLANETS

On The Horizon

January 2016



JANUARY 2016

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Climate change is rapidly warming lakes around the world, threatening fresh-water supplies and ecosystems, according to a new NASA and National Science Foundation-funded study of more than half of the world's freshwater supply.

Using more than 25 years of satellite temperature data and ground measurements of 235 lakes on six continents, this study -- the largest of its kind -- found lakes are warming an average of 0.61 degrees Fahrenheit (0.34 degrees Celsius) each decade. The scientists say this is greater than the warming rate of either the ocean or the atmosphere, and it can have profound effects.

The research, published in *Geophysical Research Letters*, was announced Wednesday at the American Geophysical Union meeting in San Francisco. As warming rates increase over the next century, algal blooms, which can rob water of oxygen, are projected to increase 20 percent in lakes. Algal blooms that are toxic to fish and animals are expected to increase by 5 percent. Emissions of methane, a greenhouse gas 25 times more powerful than carbon dioxide on 100-year time scales, will increase 4 percent over the next decade, if these rates continue.

"Society depends on surface water for the vast majority of human uses," said co-author Stephanie Hampton, director of Washington State University's Center for Environmental Research, Education and Outreach in Pullman. "Not just for drinking water, but manufacturing, for energy production, for irrigation of our crops. Protein from freshwater fish is especially important in the developing world."



Water temperature influences a host of its other properties critical to the health and viability of ecosystems. When temperatures swing quickly and widely from the norm, life forms in a lake can change dramatically and even disappear.

“These results suggest that large changes in our lakes are not only unavoidable, but are probably already happening,” said lead author Catherine O’Reilly, associate professor of geology at Illinois State University, Normal. Earlier research by O’Reilly has seen declining productivity in lakes with rising temperatures.

Study co-author Simon Hook, science division manager at NASA’s Jet Propulsion Laboratory (JPL) in Pasadena, California, said satellite measurements provide a broad view of lake temperatures over the entire globe. But they only measure surface temperature, while ground measurements can detect temperature changes throughout a lake. Also, while satellite measurements go back 30 years, some lake measurements go back more than a century.

“Combining the ground and satellite measurements provides the most comprehensive view of how lake temperatures are changing around the world,” he said.

The researchers said various climate factors are associated with the warming trend. In northern climates, lakes are losing their ice cover earlier in the spring and many areas of the world have less cloud cover, exposing their waters more to the sun’s warming rays.

Previous work by Hook, using satellite data, indicated many lake temperatures were warming faster than air temperature and that the greatest warming was observed at high latitudes, as seen in other climate warming studies. This new research confirmed those observations, with average warming rates of 1.3 degrees Fahrenheit (0.72 degrees Celsius) per decade at high latitudes.

Warm-water tropical lakes may be seeing less dramatic temperature increases, but increased warming of these lakes still can have significant negative impacts on fish. That can be particularly important in the African Great Lakes, where fish are a major source of food.

“We want to be careful that we don’t dismiss some of these lower rates of change,” said Hampton. “In warmer lakes, those temperature changes can be really important. They can be just as important as a higher rate of change in a cooler lake.”

In general, the researchers write, “The pervasive and rapid warming observed here signals the urgent need to incorporate climate impacts into vulnerability assessments and adaptation efforts for lakes.”

NASA uses the vantage point of space to increase our understanding of our home planet, improve lives and safeguard our future. NASA develops new ways to observe and study Earth’s interconnected natural systems with long-term data records. The agency freely shares this unique knowledge and works with institutions around the world to gain new insights into how our planet is changing.





Captain's Log

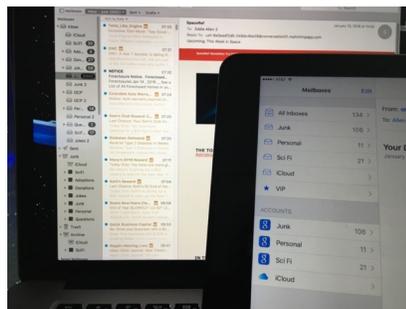
Vice Admiral Eddie Allen III

201512.31 (31 December 2015)

SHIP'S COMPUTER UPDATE

As promised, over the holiday I began to work on learning a new Mac program for web work. I found one called Affinity Designer, built a simple website for the Allen family and then I found out it does not upload itself. I need another program to get it into the server. It appears to be bits and pieces to get it done. I may need another program or two. I would say its getting expensive but the apps are not so expensive compared to Windows programs. I'm still considering working with Café Press.

The other area that I worked on was email repairs. Apparently there are a lot of little problems using Apple mail that need to be worked out. I've been patching and repairing but it was time to fix it for good. I had to work with 3 different companies to get things to mesh but now I have all 17 email addresses pretty much working fine. It only took about 4 days on the line with tech support. During this process we discovered that I get a new email every 35 seconds, not quite 2 per minute around the clock. There is my day. The beauty is that the program allows me to mark junk and then shows it to me in gold later if they send again. See it in the photo I've included.



ON THE HORIZON
JANUARY 2016

Some of our activities from around the state...

Our month began with the loss of a member:



Paula O'Docherty-Rohde. She passed away on November 30, 2015. For details about this please contact the XO. I had hoped to make the funeral/remembrance but with our staff being reduced to 4 we are working a lot more OT and there does not seem to be enough personnel to go around. Khane says that the service was lovely. She will be missed in this world.

Its been a very busy couple of months. Beginning about the first of October our calendar exploded. We have been averaging 50 functions in a month. That is a lot of time in the car and at activities. There was a Trekmas party with the St Louis Meetup and I got some ideas for the New Year's Party we are having in January. We played a card game that was related to a Starship using some of the cards to determine: 2 Changlings, 1 Medical Officer, 1 Security Officer, and a game of trying to find the changlings. We also played Cards Against Humanity. It was a lot of fun. This event pulled in a lot of people and was a lot of fun. It was planned as a pot luck and there was much more food than we needed.

Another wonderful event in St Louis was the carriage ride in Tilles park to see the Christmas lights. I wanted to go see the train display as well but we did not get to see that. There are not as many lights in this park as at the shrine but it was a beautiful display. Cars were backed up for a half mile. We also tried to get to the Shrine of Our Lady of the Snows but the line was just too long the night we drove over.

Finally, for Christmas outings we took in the Gingerbread display in downtown Belleville, IL. I have attached a few photos of the items on display but realize that there are 7 blocks with displays in the windows and that is on both sides of the street. This is a very nice walk down an old downtown Main Street. There are also several coffee shops along the route with hot chocolate or coffee.

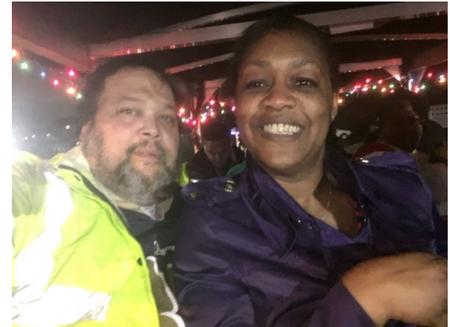
My big event like the one for most of us was going to see the new Star Wars VII movie on the 18th. Wow!!! I wanted to see it 3 times before the end of the year but I only got the first viewing. I really want to see it in IMAX. Hopefully I can get someone to go soon or at least before it leaves. Although I saw that it followed a lot of the same scripting as the original trilogy I was happier with this than the ones from the 2000's. It was a good start.

For those who did not get to the Christmas party or the New Year's party you missed a good time. It has been a busy holiday season but a lot of fun has been had. We had several movie outings and several parties and quite a few joint functions. Hope everyone else had a wonderful holiday season.





Trekmas Party with the St Louis Meetup



Carriage Ride for the lights in Tilles Park



Rhonda at Tilles Park



Tilles Park lights



Donation time...





Here are some of the entries at the Belleville Gingerbread House contest



Pre-Christmas Gathering



Eddie baking the cookies!





Everyone got Jerseys for no reason! Merry Christmas.



knitted Bat'leth by Daneille at Christmas



Its that season



Rhonda's new Christmas Tree (#4)



We are replacing this stadium with This arena



End Log

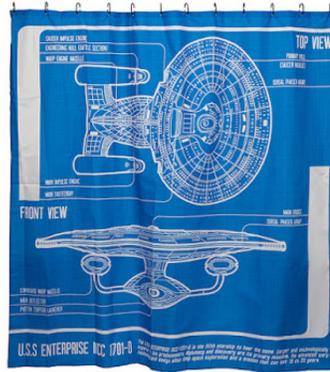
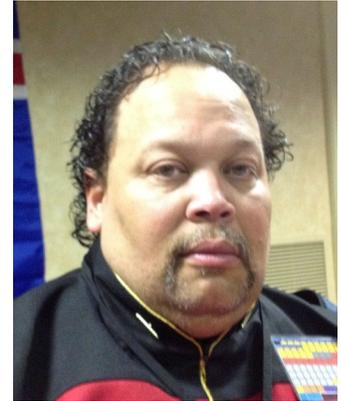


Engineer's Log

Vice Admiral Eddie Allen III

201512.31

31 December 2015



Trek Next Generation Enterprise Shower Curtain: <http://www.thetrekcollective.com/2016/01/trek-your-life-shower-curtain-snow.html>

Diamond Select Toys has retro figures: <http://www.diamondselecttoys.com/star-trek--retro-figures>



Mezco Spock Figurine preorder: <http://www.mezcotoyz.com/one12-collective-star-trek-spock>

The Original Starships Collection: <http://www.thetrekcollective.com/p/star-trek-official-starships-collection.html> (example: #1 The Enterprise D. There are over 70 ships in the collection.



The robe factory has Star Wars & Trek home furnishings: <http://www.amazon.com/s?field-brandtextbin=Robe%20Factory&page=1&rh=n:7141123011>



Flight Log

Commander Rhonda Allen

201512.31 (31 Dec 2015)

Log

Happy New Year Everyone.....Our tradition continues, we rang in the New Year with friends and phone calls to extended family. Is it just me or does waiting for midnight to arrive seem to be the longest wait ever. I guess this means that I might be getting older.

Just backing up for a minute to Christmas. For the first time in too many years to remember, I was off Christmas Eve and Christmas. After a long month of working many hours, it's nice to finally start to slow down and get back to normal. I'm not really sure how normal it is to have 3 Christmas trees up, because what goes up must come down. This was the first Christmas in at least 5 years that Eddie's friend Tony was not with us. He has been working at Walmart, and for those of you who have worked retail, this is not the time to ask for any schedule requests.

I had 5 days off to start the New Year, so I was able to get my batteries recharged and get the New Year started. On Christmas Eve, Eddie and I saw The Hateful Eight. It was a Hateful 3 hours long, enough said. To erase that memory, we saw Concussion a few days later. Now that was a movie. For those of you that follow football, it is very interesting to see how this affected players and what the NFL knew about it.

I am preparing for my 2016 reading challenge, how many books do I want to read this year? I think this year it will be about being the best You, that You can be, and don't be afraid to say No! Be your own biggest cheerleader. There's nothing wrong with being a little selfish and taking some time for yourself. Have fun, laugh out loud, it's a New Year!

End Log





USS HORIZON NCC 1000-B

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Trek News – December 2015

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DATA NODE 188



1. Red Shirt Diaries: Errand of Mercy <http://www.trektoday.com/content/2015/12/red-shirt-diaries-errand-of-mercy/>

2. New Postal Service Stamps due for release: <http://variety.com/2015/tv/news/star-trek-stamps-usps-1201670318/>



3. Fan Film Axanar is being sued: <http://trekmovie.com/2015/12/30/star-trek-axanar-fan-film-sued-by-paramount-and-cbs-over-copyright-infringement/>

4. The Starships Collection issues 71-
a. 71 Klingon Transport



76:



ON THE HORIZON
JANUARY 2016



b. 72 USS Enterprise A

c. 73 Borg Renegade

d. 74 Bajoran Raider

e. 75 Enterprise E

f. 76 Neelix's Baxial



5. \$2000 prize for winning the Threadless T shirt contest: <https://www.threadless.com/make/submit/>

6. The Red Shirt Diaries # 25: The Devil in the Dark: <https://www.youtube.com/watch?v=IDsqJ6JjkJo>

7. Simon Pegg says he did not say that the film is less Star Trek but did say that it will be decipherable to the non-Trek viewer.

8. JJ Abrams on why "Into Darkness" felt wrong to some fans: <http://www.slashfilm.com/star-trek-into-darkness-problems/>

9. Trek Actors about the ST3 trailer: <http://www.trektoday.com/content/2015/12/star-trek-actors-about-star-trek-beyond/>

10. ST Greatest Hits #1, ST #55 Legacy of Spock, SF Academy #4, ST/Green Lantern: The Spectrum War will be out in March:





11. Idris Elba's character will be Krall in ST Beyond and is not a Klingon: <http://www.slashfilm.com/idris-elba-star-trek-character-krall/>



12. Aron Eisenberg will get a new kidney from an anonymous donor: <http://www.startrek.com/article/aron-eisenberg-discusses-upcoming-kidney-transplant>



13. Red Shirt Diaries: This Side of Paradise: <https://www.youtube.com/watch?v=UEAEK7D8hCY>

14. ST Beyond Trailer: <https://www.youtube.com/watch?v=XRVD32rnzOw>

15. William Shatner's award winning series, Brown Bag Wine Tasting: <http://williamshatner.com/ws/brown-bag-wine-tasting-episode-3/>

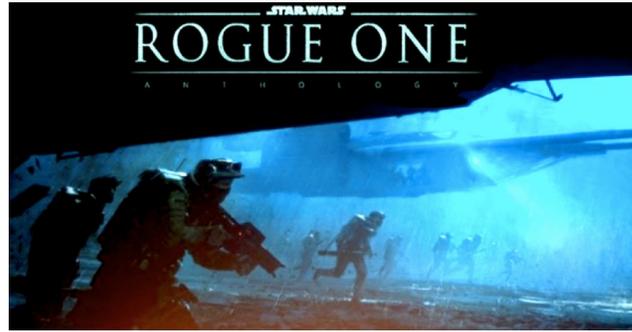
16. Sir Patrick Stewart and Idris Elba have been nominated for Golden Globes.

17. Red Shirt Diaries: A Taste of Armageddon: https://www.youtube.com/watch?v=ddhjb5_gKY

18. The ST Beyond trailer has snagged a spot in front of the new SW movie.

19. Red Shirt Diaries #22: Space Seed: <https://www.youtube.com/watch?v=cHN6atWhEeQ>

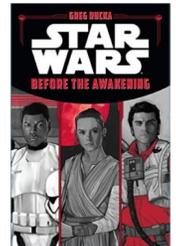




18 Dec 2015

Star Wars News – December 2015

1. SWNN's Resistance 18 (Dec 30) <http://www.starwarsnewsnet.com/2015/12/swnns-the-resistance-broadcast-episode-18.html>
2. Collider Jedi Council (Dec 24) Full movie review: all spoilers: https://www.youtube.com/watch?v=UKV_i-QqJdc
3. Battlefront will now concentrate on the original trilogy and not the new trilogy: <http://www.forbes.com/sites/insertcoin/2015/12/26/ea-says-star-wars-battlefront-isnt-getting-any-the-force-awakens-dlc/#2715e4857a0b341442b7f8b5>
4. Why are scenes missing from the Force Awakens: <http://www.slashfilm.com/j-j-abrams-explains-a-deleted-scene-from-star-wars-the-force-awakens/>
5. Star Wars Before the Awakening: <http://www.amazon.com/gp/product/B00XJKK8FK/ref=dp-kindle-redirect?ie=UTF8&btkr=1>
6. Harrison Ford interview on Conan: https://www.youtube.com/watch?v=3_FieJTofKc This is hilarious!!!
7. The Force Awakens does 57 Million on Thursday opening and 120 Million on Friday, 69 Million on Saturday, and 49 Million on Sunday.
8. Cast of The Force Awakens:
9. Daniel Craig as a Storm Trooper:
10. The Fandango presales are for the Force Awakens are more sales for a movie than any movie's total sales ever!! The presales passed 100 Million.
11. Collider Jedi Council (Dec 17) <https://www.youtube.com/watch?v=LrV2LGQE14s>





12. SWNN's Resistance 17 (Dec 16) <http://www.starwarsnewsnet.com/2015/12/swnns-the-resistance-broadcast-episode-17.html>

13. Daisy Ridley interview: <http://variety.com/2015/film/news/star-wars-force-awakens-rey-daisy-ridley-episode-8-rogue-one-felicity-jones-1201664087/>



15. LA red carpet opening for The Force Awakens: <https://www.youtube.com/watch?v=ZW-NoV5cVsM> This photo is the original 1977 opening

16. Star Wars directors collaborate: <http://www.slashfilm.com/how-j-j-abrams-and-rian-johnson-collaborated-to-create-the-future-of-star-wars/>

17. Conventions and what the minor actors are doing in the Star Wars convention world: <http://www.bbc.com/news/entertainment-arts-35094162>

18. Kylo Ren lightsaber videos, various, of the forest scene: <http://www.starwarsnewsnet.com/2015/12/kylo-ren-shows-how-to-wield-a-lightsaber-like-a-boss.html>

19. C3PO's suit changes discussion with Anthony Daniels: <https://www.youtube.com/watch?v=XBYYtpj5UmY>

20. Adam Driver is a Marine: <http://www.starwarsnewsnet.com/2015/12/new-video-from-vice-adam-driver-brings-arts-in-the-armed-forces-to-the-troops.html>

21. Rogue One actor teaser:

22. SWNN's Resistance 16 (Dec 11) <http://www.starwarsnewsnet.com/2015/12/swnns-the-resistance-broadcast-episode-16.html>

23. Collider Jedi Council (Dec 10) <https://www.youtube.com/watch?v=dcHqnZ7qCDk>

24. Star Wars You Tube channel: <https://www.youtube.com/user/starwars>

25. Official Force Awakens web site address: <http://www.starwars.com/the-force-awakens/>

26. The Millennium Falcon returns for the Force Awakens: <http://www.ew.com/article/2015/12/08/secrets-millennium-falcon-ew-star-wars-video>

27. Photo with the creatures of the Force Awakens:



28. Rumor Mill: part of VIII will be filmed in Mexico.

29. Harrison Ford interview about the movie in Sydney: <https://www.youtube.com/watch?v=ZtCg95JJBmc>

30. Chinese Trailer for the Force Awakens: <https://www.youtube.com/watch?>



[v=M9tsj1px4CI](#)

31. People Magazine Star Wars cover:

32. They plan to stream live the red carpet event for the Force Awakens opening.

33. UK Heroes of the Empire 501st Documentary Teaser Trailer: <https://www.youtube.com/watch?v=BgBGuUI7PSS>

34. The Force Awakens in Wired Magazine: <http://www.wired.co.uk/magazine/archive/2016/01/features/jj-abrams-star-wars-force-awakens>

35. Promo Clip for the Force Awakens that shows Leia and Rey together: <http://www.starwarsnewsnet.com/2015/12/star-wars-the-force-awakens-promo-clip-destiny.html>



36. Rogue One currently filming in the Maldives:

37. Time Magazine reveals Star Wars is special issue: <http://makingstarwars.net/2015/12/time-magazine-reveals-star-wars-the-force-awakens-issue/>

38. How tall is Supreme Leader Snoke and what does he weigh? <http://makingstarwars.net/2015/12/people-magazine-confirms-snoke-s-height-and-weight-from-star-wars-the-force-awakens/>

39. Some Force Awakens toys tell some of the movie story: <http://www.starwarsnewsnet.com/2015/12/new-toy-confirms-old-character-rumor.html>

40. Fox 5 interviews Harrison Ford: https://www.youtube.com/watch?v=fgB-uDy_P2o

41. ComicCon Brazil You Tube video: https://www.youtube.com/watch?v=P7xZV_26VYU

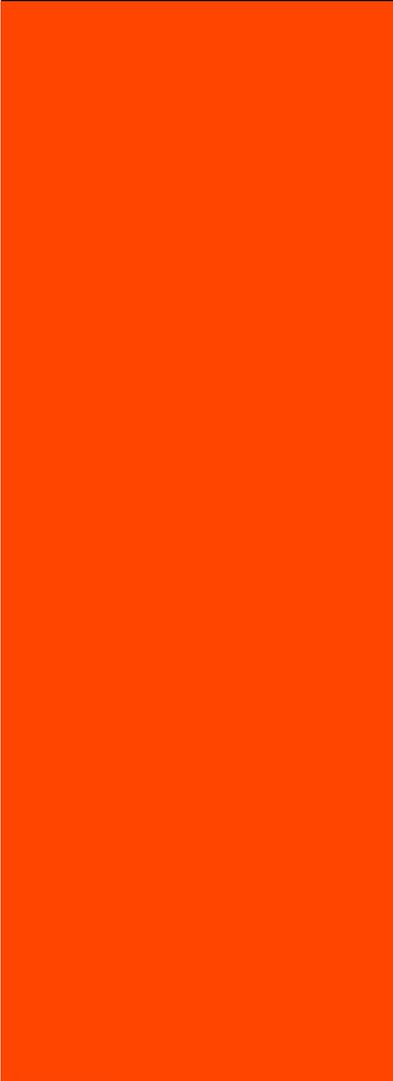
42. Per Harrison Ford there is a light saber fight at the end of the movie between Rey and Kylo Ren: <http://www.starwarsnewsnet.com/2015/12/did-harrison-ford-reveal-a-big-spoiler-about-a-certain-scene-in-the-force-awakens.html>

43. Carrie Fisher on Good Morning America: <http://abcnews.go.com/GMA/video/carrie-fisher-dishes-return-star-wars-35576204>

44. Slash Film has found that George Lucas like the Force Awakens: <http://www.slashfilm.com/george-lucas-watched-the-force-awakens-did-he-like-it/>

45. John Boyega and Daisy Ridley:





46. Lupita Nyong'o has not been cut as Maz Kanata: <http://www.starwarsnewsnet.com/2015/12/j-j-abrams-debunks-recent-rumors-about-lupita-nyongos-role-in-the-force-awakens.html>

47. SWNN's Resistance 15 (Dec 3) <http://www.starwarsnewsnet.com/2015/12/swnns-the-resistance-broadcast-episode-15.html>

48. Collider Jedi Council (Dec 3) <https://www.youtube.com/watch?v=o0tmy0lrrvk>

49. 1600 AMC Movie Theaters are already sold out. World wide the movie is expected to gross 3 Billion:

50. Carrie Fisher on Live with Kelly and Michael: <https://www.youtube.com/watch?v=HUpHmfj3ns4>

51. ILMxLAB Launch will make work on immersive entertainment movies and projects: <https://www.youtube.com/watch?v=7T9Dv1aLMbw>

52. Luke Skywalker as a Storm Trooper:



53. GQ cover:





Meeting Minutes – December 2015

1. Matthew Miller is the new Chief of Communications. He says that they are short submissions for all of the rest of the 2015 issues. If you have anything for them send it through: comms@sfi.org
2. CQ-182 is at the web site. www.sfi.org
3. Fleet Capt Paul M. Greene, the XO of the USS Malverne has passed away on the 30th of December.
4. Steve Parmeley is reinstated to the previously defunct office of R-12 Surgeon General. This position will not be a part of the regional staff.
5. Beyond Trailer is out: <https://www.youtube.com/watch?v=XRVD32rnzOw>
6. New Shuttles:
 - a. 9th Fleet, USS Fenris, Hafnarfjordur, Iceland, Mothership: USS Reval
 - b. 3rd Fleet, USS Harlequin, Baton Rouge, LA, Mothership is USS New Orleans
7. New Chapters:
 - a. 3rd Fleet, USS Selene, Pearl River, LA, Brandon Case Commanding
8. R-4 RC is David Nottage
9. Trek has a dating site: Trek Dating at <http://trekdating.com/>
10. The USS Bairko is having a commissioning on March 19th in Gentry, AR at Miss Mary's Restaurant at 1400 hrs. RSVP at dal-loyd032@gmail.com
11. R-15 RC is now Ken Purdie
12. Paula O'Docherty-Rohde passed away on Nov 30th.
13. CosPlaySky is now offering their discount to us again.
14. Jon Hubbard of the USS Black Hawk has passed away on Dec 5th.
15. VAdm Marian Murphy from Dallas Texas has passed away.
16. VAdm Robert Dambeck, CO of the USS Paegan has passed away.

