

From: Lance Bosart to Kerry Emanuel at 1309 UTC 29 March 2019

Hi Kerry,

Attached is a hand-analyzed surface map of eastern North America and the western Atlantic dated 1200 UTC 15 April 1996. What's extraordinary about this hand analysis is that it was done by none other than Ed Lorenz at age 79 (he even signed the map)! Jim Doyle sent me this image. Jim said that he and Ed were at a workshop at the ECMWF at that time. Ed left his analyzed map on a table and Jim had the foresight to grab it. To make a long story short, Jim and I were talking about Ed at the AMS annual meeting in PHX back in January. Jim remembered that he had grabbed Ed's analyzed map, searched his office, eventually found it, and sent a copy to me. I am going to show Ed's analysis to my class next week as a part of a discussion about atmospheric predictability. I think that it's very important for the students to appreciate how the giants who taught us were so well grounded in both theory and observations because of their backgrounds during WW-II, and who as a result understood that weather observations suitably mapped, analyzed, and interpreted could help to inform the science. Somewhere Fred Sanders is smiling.....

I thought you would like to have this map for the Lorenz Center because it illustrates an important facet of Ed's extraordinary life and contributions to the field that too few scientists appreciate let alone know.

Take care.

Lance

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From: Kerry Emanuel to Lance Bosart at 1345 UTC 29 March 2019

Re: A Lorenz weather map treasure

Dear Lance: This is terrific! What a find. It reminds us how keenly Ed was interested in weather. I wonder what he was like at the time he was forecasting out of Saipan for the Air Corps, in '44. I remember him relating his frustration that, to save time, the bomber pilots would merely fill in the weather obs forms with Ed's own forecasts, thus ensuring perfect forecast skill.

We will print and post this map in a prominent place. Thanks for thinking of us!

Best, Kerry