

December 2018

Twitter Review 2018

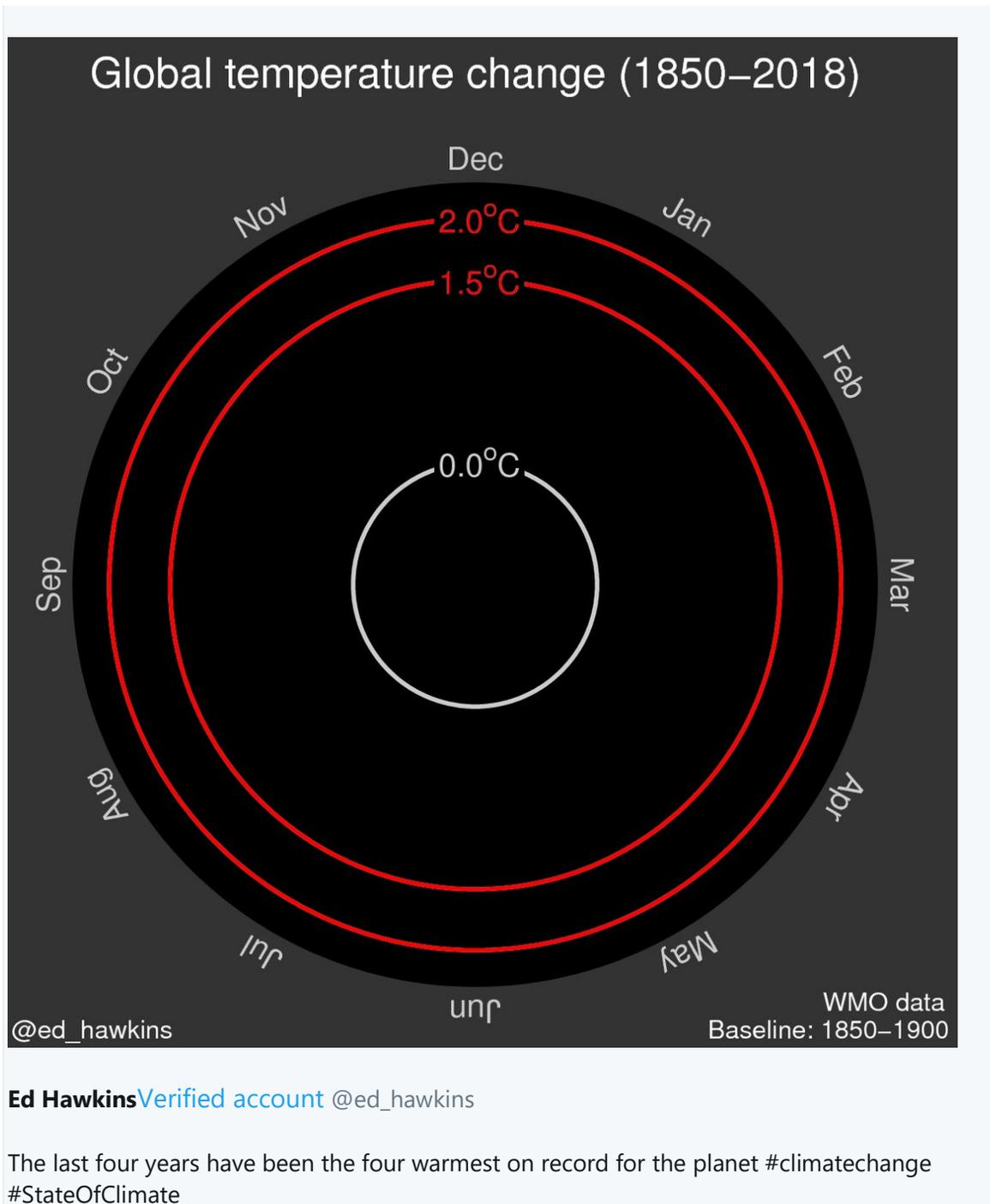
By Max J. Rudolph, FSA CFA CERA

What follows are all my tweets and retweets from December 2017 to November 2018. While a few lament the loss of the Nebraska-Kearney baseball program, most react to the financial and geopolitical news of the day as I saw it. I include links to articles/papers I authored. As usual, I tweet questions to CNBC to use following the release of Berkshire Hathaway's annual letter. Remember – this is not investment or tax advice!

1.  **Max Rudolph** @maxrudolph Nov 29

More

Max Rudolph Retweeted Ed Hawkins
Someone should share this graph with the media - would make it tougher for guests to cherry pick data and mislead [#liewithstatistics](#) [#pictures1000words](#)
Max Rudolph added,



2. **Max Rudolph** @maxrudolph Nov 28

[Inkd.in/eXSZsfH](https://www.linkedin.com/in/eXSZsfH) I was the guest on a podcast released today where I talked about applying the emerging risk survey to risks in the Asia-Pacific area (about 15 minutes) [#podcasting](#) [@SOActuaries](#) [Inkd.in/gshhncH](https://www.linkedin.com/in/gshhncH)

1 like

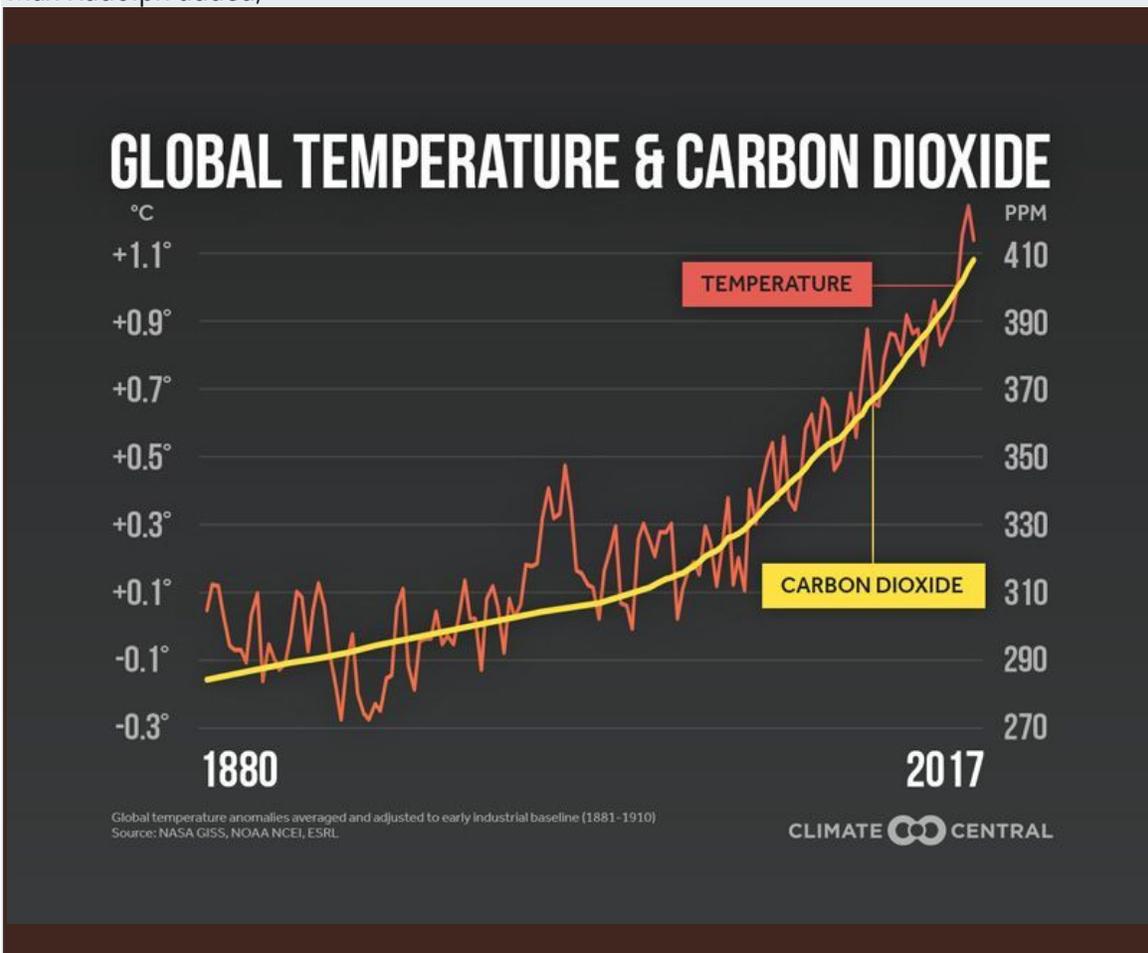
3. **Max Rudolph** @maxrudolph Nov 28

More

Max Rudolph Retweeted Climate Central

It amazes me that the most frequent denial of climate change is the 20 year old argument that the most recent temperature is a big drop from the El Niño year - show this picture when you hear that argument. [#howtoliewithstatistics](#) #1997

Max Rudolph added,



Climate Central [Verified account](#) @ClimateCentral

4 likes

4. **Max Rudolph** @maxrudolph Nov 19

More

Thank you to all who have already completed this year's Survey of Emerging Risks. For those who haven't, it will close Tuesday morning (Central time) so please beat the deadline! It's not too late to participate, and all are welcome (esp Sections 1 and 6)

0 replies 0 retweets 1 like



5. **Max Rudolph** @maxrudolph Nov 15

More

Max Rudolph Retweeted CIA-ICA Actuaries

If you are interested in this report, you can participate in the next version (open until Nov 19) at soa.qualtrics.com/jfe/form/SV_bl_...

Max Rudolph added,



CIA-ICA Actuaries @CIA_Actuaries

Companies should consider both near-term and longer-term #emergingrisks, looking at a time horizon consistent with the liabilities held. Find out how #risk managers can assist with this task: [.bit.ly/2AAf3dp](https://bit.ly/2AAf3dp). #ERM #bigdata

0 replies1 retweet0 likes

6. **Max Rudolph** @maxrudolph Nov 7

More

The 12th Survey of Emerging Risks is open. Looking for broad diversity - students, geographic, training. Please forward - answer only Sections 1 and 6 if not comfortable with the other questions. [#emergingrisk](#) [#research](#) [#actuary](#) [Inkd.in/eRhSXye](#)

1 reply0 retweets1 like

7. **Max Rudolph** @maxrudolph Nov 5

More

[#berkshirehathaway](#) and [@WarrenBuffett](#) bought back shares last quarter, but at 207 when they could have bought for under 190. What drove the timing? (Total cash is over 100 billion)

0 replies0 retweets1 like

8. **Max Rudolph** @maxrudolph Nov 3

More

Max Rudolph Retweeted Louise Pryor
Please add me to your list - Thanks!
Max Rudolph added,

Louise Pryor @LouisePryor

I'm trying to put a list together of actuaries actively interested in climate change. Let me know if you are one, and I'll add you to it. Thanks! Please retweet.

0 replies0 retweets1 like

9. **Max Rudolph** @maxrudolph Nov 1

More

[Inkd.in/extHdFV](#) I'm very excited to release the 11th Survey of Emerging Risks. Thanks to [@soactuaries](#) [@CASact](#) [@CIA_Actuaries](#) and Joint Risk Management Section for sponsoring! Thanks to CIA for French translation [Inkd.in/eawmHDs](#)

0 replies1 retweet3 likes

10. **Max Rudolph** @maxrudolph Oct 27

Metrics remain useful as long as they continue to show if objectives are being met.

11. **Max Rudolph** @maxrudolph Oct 22

More

A climate committee I serve on has released a call for essays on unknown knowns, where previous data is not predictive. We are especially hopeful since the papers are short (<750 words) that younger actuaries will participate. Ess...[Inkd.in/eJwNdQb](#) [Inkd.in/e9vSBQ3](#)

12. **Max Rudolph** @maxrudolph Oct 21

More

For those beating up on the "Academy generator" here is a history lesson. The interest rate ESG was designed as a calibration tool to allow proprietary models. The NAIC made it the required ESG and altered the mean reversion parameters.

13. **Max Rudolph** @maxrudolph Oct 15

More

Great presentation taking behavioral finance to the next level by Tali Sharot [#soannual](#) Now how do we use it?

14. **Max Rudolph** @maxrudolph Oct 14

More

[#SOAnnual](#) I'm looking forward to presenting on emerging risks and scenarios - if only my flights would cooperate [#12hoursandstillinchicago](#)

0 replies 0 retweets 3 likes

15. **Max Rudolph** @maxrudolph Oct 13

More

The recent IPCC report spoke of the tradeoffs between planting trees and agricultural needs. This award winning essay addresses some of the issues that should be considered. [#malthus](#) [Inkd.in/e7znGbC](#)

16. **Max Rudolph** @maxrudolph Oct 13

More

For those interested in current ERM topics I have released my notes publicly from the 2018 ERM Symposium. [Inkd.in/eDjuGGr](#)

17. **Max Rudolph** @maxrudolph Oct 10

More

In my April newsletter I posted an essay I wrote titled Driverless Investing. It is very timely. This week's correction may be tied to some of the issues I mentioned. [Inkd.in/ePBkPKs](#)

18. **Max Rudolph** @maxrudolph Oct 9

More

My annual March update on [#BerkshireHathaway](#) [#intrinsicvalue](#) has been posted publicly. The timing reflects a recent run by BRK that was anticipated by the analysis. I continue to add to the tools used. It's a fascinating subject! [Inkd.in/evuD5gk](#)

19. **Max Rudolph** @maxrudolph Oct 8

More

To me the [#IPCCReport](#) points out how important it is to move to tools that take carbon out of the air. Carbon tax is nice but no longer enough.

20. **Max Rudolph** @maxrudolph Oct 8

More

In anticipation of next week's [@soactuaries](#) annual meeting I have publicly released several of my 2018 newsletters. This one reviews a primary book in the [#lowgrowth](#) research project. The [#RobertGordon](#) book is a treasure. The Dent... [Inkd.in/e8iYgkw](#) [Inkd.in/eSWxjsK](#)

0 replies0 retweets1 like

21. **Max Rudolph** @maxrudolph Oct 5

More

Fees matter - when my oldest child was born local 529 plan had 60 bp wrap fee in addition to fund fees - instead I opened [#EIRA](#) - total cost has been under \$50 over 20 years.

22. **Max Rudolph** @maxrudolph Oct 5

More

Short term interest rates are rising, but what is the "natural rate" if there was no Fed? With all the fiscal stimulus it seems like it should be higher than 3.2%.

0 replies0 retweets1 like

23. **Max Rudolph** @maxrudolph Oct 4

More

Thinking about interacting [#emergingrisks](#) with [#ebola](#) in [#warzone](#), now reading [#michaellewis](#) book [#fifthrisk](#) and worrying about [#hanford](#) and [#politicalignorance](#) [#excellentbook](#)

24. **Max Rudolph** @maxrudolph Oct 2

More

Disappointing [@wsj](#) review of [#MichaelLewis](#) [#fifthrisk](#) that assumes no knowledge and less regulation is a better option than understanding where regs can be reduced safely. Makes incorrect claim that climate isn't changing shortly after [#Florence](#) example.

0 replies 0 retweets 2 likes

25. **Max Rudolph** @maxrudolph Sep 27

More

Max Rudolph Retweeted SocietyofActuaries

Very exciting news! Thanks to all those working to make this happen 😊

Max Rudolph added,

SocietyofActuaries @SOActuaries

The @CASact and SOA Boards of Directors have agreed to explore combining the two organizations into one in order create a stronger actuarial profession that shapes and grows the areas in which we practice. Learn more: [.strongerasone.net](#)

0 replies 2 retweets 5 likes

26. **Max Rudolph** @maxrudolph Sep 24

More

If an insurer isn't investing based on the subsidized RBC factors then it doesn't matter that there are going to be more categories now. [#whoiscomplaining?](#)

0 replies 0 retweets 1 like

27. **Max Rudolph** @maxrudolph Sep 20

More

Enjoyed visiting 2 classes at [@MaryvilleU](#) today with Prof Gootzeit to talk about ERM! Feeling great about the next generation of actuaries. [@SOActuaries](#)

0 replies 0 retweets 3 likes

28. **Max Rudolph** @maxrudolph Sep 19

More

A few months ago several analysts were boasting that [@WarrenBuffett](#) performance had not beaten the S&P500 over benchmarking time horizons. [#berkshirehathaway](#) is up 30 points (B shares) since then- what does their spreadsheet tell them now? Pretty good for a firm holding 25% cash!

0 replies 0 retweets 1 like

29. **Max Rudolph** @maxrudolph Sep 15

More

Common thread from Lehman executives after 10 years - they saved AIG so should have saved us too. No ownership of choices made. [#ifthatsyourbestargument](#)

0 replies 0 retweets 3 likes

30. **Max Rudolph** @maxrudolph Sep 14

More

Fracking and energy independence only makes sense if it is profitable. This can help the trade deficit but is counterproductive if running fiscal deficit. [#getaconsistentstrategy](#)

1 reply 0 retweets 0 likes

31. **Max Rudolph** @maxrudolph Sep 10

More

So many [#higherorder](#) interactions that it's hard to know whether we'll owe more or less in taxes this year- I pay extra to avoid having to estimate quarterly income. Took me 2 days to figure out the first time - working WITH tax software.

32. **Max Rudolph** @maxrudolph Sep 6

More

State districting makes it so hard for a [#moderate](#) to win that, in a equally divided Congress, the state that has fair districts and non partisan top 2 primaries will end up with the decisive votes (and control) of nearly everything. [#think](#)

33. **Max Rudolph** @maxrudolph Aug 30

More

[_ambest.com/video/MediaArc](#)..... ... I anticipated this trend for health insurers to invest in more risky assets in a research report from 2011 reviewing insurer balance sheets during the financial crisis.

34. **Max Rudolph** @maxrudolph Aug 29

More

[fred.stlouisfed.org/series/M2V](#) Third quarter in a row that velocity of money has increased off its low. Money is starting to turn over more quickly.

0 replies0 retweets2 likes

35. **Max Rudolph** @maxrudolph Aug 25

More

[_amazon.com/The-Coming-Sto](#).... Finished listening to Michael Lewis' The Coming Storm, available only on audible and read by Lewis himself. A scary true story playing out in front of our eyes. Ties to his recent [@VanityFair](#) articles. Fascinating listen and a no-brainer for \$5.

0 replies0 retweets1 like

36. **Max Rudolph** @maxrudolph Aug 22

More

The current political culture continues to remind me of the Gilded Age of the robber barons of a century ago - financially not disastrous, but with human rights abuses.

[#youretheretoserveothers](#)

0 replies0 retweets1 like

37. **Max Rudolph** @maxrudolph Aug 19

More

This week will likely mark the longest bull run in history, so why are so many defined benefit pension plans still underfunded? [#notgonnagetasier](#) [#incentives](#)

0 replies 0 retweets 2 likes

38. **Max Rudolph** @maxrudolph Aug 19

More

Max Rudolph Retweeted Barron's
Life insurers are attracted to BBB- bonds due to lower capital charge than BB+. Expect higher percentage of fallen angels than in the past to trigger a [#liquiditycrisis](#) as IPS may require sale of junk. [#NAIC](#) is late to expand rating tiers for capital charges. [#risk](#)
Max Rudolph added,

Barron's [Verified account](#) @barronsonline

Investors aren't being adequately compensated for the risk of owning BBB-rated bonds
[.on.barrons.com/2BmrSu9](#)

0 replies 0 retweets 3 likes

39. **Max Rudolph** @maxrudolph Aug 19

More

When I had a staff and returned from vacation I never knew if they liked or hated the new ideas that had been bouncing around in my head or not, but they knew to expect them!
[#pluralrationality](#) [#discontrate](#) [#limitedresources](#)

0 replies 0 retweets 1 like

40. [You](#) Retweeted



Katharine Hayhoe [Verified account](#) @KHayhoe Aug 18

More

I updated the reading list for my graduate class in climate science, policy, communications + solutions today! Excited to add new books by [@ClimateHuman](#) and [@ElizabethaRush](#) to perennial staples by [@bhensonweather](#), [@NaomiOreskes](#), and more. Here it is:

43 replies 171 retweets 485 likes

[Show this thread](#)

41. **Max Rudolph** @maxrudolph Aug 4

More

I'm still surprised no one is discussing the break in price between [#berkshirehathaway](#) A and B shares. The ratio should be 1500, and used to always be close to that, but now has diverged by almost 1.5%. Is this the end for A shares? [@WarrenBuffett](#) [#askwarren](#)

0 replies 0 retweets 2 likes

42. **Max Rudolph** @maxrudolph Jul 31

More

Maybe I'm just noticing it because 300k/200 ratio makes it so easy but the [#berkshire](#) A/B 1:1500 ratio is not holding. Has one-way conversion left A shares with more value? Would be interesting to see the history.

0 replies 0 retweets 1 like

43. **Max Rudolph** @maxrudolph Jul 22

More

My essay reviewing the Malthus arguments was recently released. Check it out!
[#climatechange](#) [#sustainability](#) [#resources](#) [_Inkd.in/ejEtRRC](#) [_Inkd.in/eDMCBjE](#)

44. **Max Rudolph** @maxrudolph Jul 15

More

Investment Policy Statements [#IPS](#) should provide guidance and not be strict rules. For example, everyone worries that junk bonds could trigger a [#liquiditycrisis](#), but the lowest rated BBB seem more likely if investors are forced to sell if drop to BB.

45. **Max Rudolph** @maxrudolph Jul 10

More

I'm currently reading The End of Theory by Richard [#Bookstaber](#) and recommend it. He extends my knowledge of complex adaptive systems without going over my head. Lots of [#liquidity](#) and speed to think discussion.

2 replies 0 retweets 1 like

46. **Max Rudolph** @maxrudolph Jul 4

More

Max Rudolph Retweeted lemwick

The next step may be to see if [#gunownership](#) is correlated with other variables already looked at, and some that have not been specifically studied. I might look at alcohol, [#opioidabuse](#) and gun ownership together. Other studies show increased homicide risk too.
Max Rudolph added,

lemwick @CraigWReynolds

An important application of actuarial principles on a critical societal issue.
news.umich.edu/insurance-comp.....

2 replies 0 retweets 3 likes

47. **Max Rudolph** @maxrudolph Jun 23

More

Looking at graph of [#Berkshire](#) rolling 12 month total returns against S&P500 - may not be winning today but I'll take my odds - a contrarian might even think it is a buying opportunity


0 replies 0 retweets 1 like

48. **Max Rudolph** @maxrudolph Jun 23

More

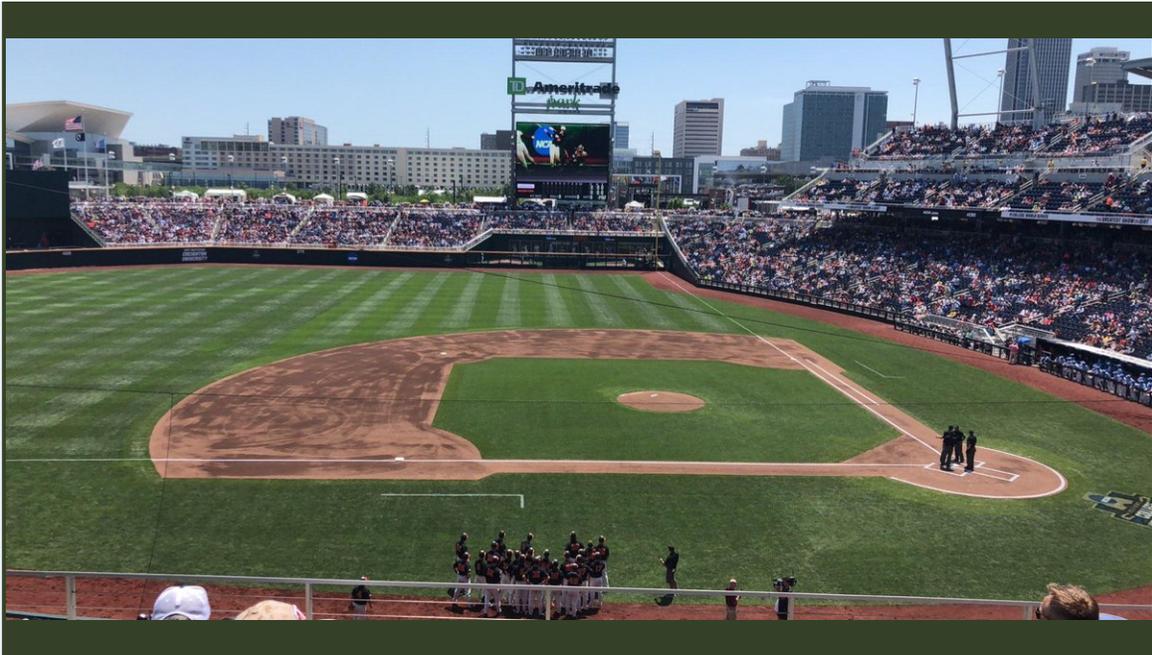
Why do people post total return comparisons over short periods without showing the history? A graph would be nice  How do they know to say something on the 1 day it is in their favor?

0 replies 0 retweets 1 like

49. **Max Rudolph** @maxrudolph Jun 16

More

Max Rudolph Retweeted Scott McCarville
Glad you enjoyed the game!
Max Rudolph added,



Scott McCarville @Amped_Scott

@millardsouthabc Max Rudolph thanks for the great seats! @BrianDuensing52 bowling fundraiser Great Family day!

50. **Max Rudolph** @maxrudolph Jun 10

More

If interested in sustainable investing, include an [#ESG](#) benchmark that transparently compares to a standard benchmark, and holistically include with your charitable projects. [#riskmanagement](#) [#ERM](#)

51. **Max Rudolph** @maxrudolph Jun 5

More

A recent twitter rant that [#economists](#) were useless if not billionaires led to defenders saying that economists only study human behavior. I have no problem with that argument but then why are economists generally chosen to manage the economy?

52. **Max Rudolph** @maxrudolph May 30

More

10 year Treasury at 2.77% this morning. Those rising interest rate base scenarios used by insurers should be treated as a market bet and impact bonuses if returns fall short.

0 replies 0 retweets 3 likes

53. **Max Rudolph** @maxrudolph May 29

More

My essay on securing your retirement has been posted. [#SOA](#) [#indexing](#) [#risk](#)
[_lnkd.in/eV58ZuJ](#) [_lnkd.in/eJaDGWK](#)

0 replies0 retweets1 like

54. **Max Rudolph** @maxrudolph May 22

More

Short answer for concerns I have with current financial and governmental policies: focus is on short time horizon solutions. Long term survival depends on working together over a long time horizon. Deals and quick wins don't matter in the long run. [#riskmanagement](#)

0 replies1 retweet3 likes

55. **Max Rudolph** @maxrudolph May 21

More

"Graham was not scaleable." Warren [@WarrenBuffett](#) at 2018 annual meeting. Berkshire Hathaway had to evolve from cigar butts to undervalued stocks to wholly owned businesses bought for a reasonable price for them to focus on capital allocation.

56. [You](#) Retweeted



UNK Athletics @UNK_Athletics May 11

More

Congrats to @UNKbaseball Student-Athlete Calvin Rudolph on being named to the 2018 Google Cloud Academic All-District 7 team.. [_lopers.com/news/2018/5/11/baseball-loper-tabbed-for-athletic-and-academic-success.aspx](#) ...



3 replies10 retweets88 likes

57. **Max Rudolph** @maxrudolph May 9

More

Berkshire B shares were first offered in 1996 and are worth 8 times their original cost.

[#buyandhold](#)

58. **Max Rudolph** @maxrudolph May 8

More

You can't both believe that CAPM is correct and that ESG does not reduce expected returns.

0 replies0 retweets1 like

59. **Max Rudolph** @maxrudolph May 6

More

[#askwarren](#) When the annual letter was released [#WEB](#) made a comment that I interpreted differently than others. I thought he said "IF" the current level of interest rates (low) is appropriate (unsubsidized) then valuations are correct. Am I right? Max Rudolph Omaha Nebraska

0 replies0 retweets1 like

60. **Max Rudolph** @maxrudolph Apr 27

More

[.lnkd.in/eQXfX3A](https://lnkd.in/eQXfX3A) Write up following interview about the 11th Survey of Emerging Risks with [@IERMChris](https://twitter.com/IERMChris) at Insurance ERM . I really like the quotes he chose. (subscription required)

61. **Max Rudolph** @maxrudolph Apr 24

More

If you are interested in a readable book focused on the battle being waged against infectious disease I recently finished and suggest Deadliest Enemy by Michael Osterholm [#UMNSPH](https://twitter.com/UMNSPH)

0 replies 2 retweets 3 likes

62. **Max Rudolph** @maxrudolph Apr 23

More

<https://securityintelligence.com/news/cybersecurity-and-the-interconnectedness-of-ifastructure-tops-list-of-emerging-risks/> ... Another nice write-up based on the Key Findings of the 11th Survey of Emerging Risks

0 replies 0 retweets 2 likes

63. **Max Rudolph** @maxrudolph Apr 21

More

<https://www.infosecurity-magazine.com/news/cybersecurity-ranks-top-concern/> ... Nice coverage following release of the key findings from my Survey of Emerging Risks.

64. **Max Rudolph** @maxrudolph Apr 17

More

A key findings document for the 11th survey of emerging risks has been publicly released. The full report will be done in the summer. <https://lnkd.in/emwSksv>
<https://lnkd.in/eR95iiR> <https://lnkd.in/extHdFV>

65. **Max Rudolph** @maxrudolph Apr 14

More

If we balance trade with China who will buy our Treasuries at such low yields? Watch for patriotic pitches to get US citizens to buy, like war bonds in WW1.

66. **Max Rudolph** @maxrudolph Apr 14

More

A monopoly asks for regulations because it increases their [#moat](#) and [#barrierstoentry](#) increase. [#facebook](#)

0 replies 0 retweets 1 like

67. You Retweeted



Stephen Huppert @stephenhuppert Apr 13

More

Check out this [@SOActuaries](#) podcast for a really good conversation with [@maxrudolph](#) on Emerging Risks <http://bit.ly/2Hlqh9Q> [#ERM](#) [#Risk](#) [#RiskManagement](#) [#EnterpriseRiskManagement](#)



0 replies 1 retweet 2 likes

68. **Max Rudolph** @maxrudolph Apr 9

More

New term for me that seems inconsistent but makes sense - high probability, low frequency. Likely to happen eventually but unlikely in any one year. [#pandemic](#) [#earthquake](#) [#thebigone](#)

0 replies 0 retweets 1 like

69. **Max Rudolph** @maxrudolph Apr 9

More

[#balanceriskandreward](#) Passive investing worries me, especially with ETFs. How many investors recognize the basis risk and securities lending risk? Better to buy individual securities if you have scale.

2 replies 0 retweets 0 likes

70. **Max Rudolph** @maxrudolph Apr 6

More

I wonder how far out of the money the president's inner circle bought their options? It would be the best leading indicator 🙄💀🎁

71. **Max Rudolph** @maxrudolph Apr 4

More

The final round of a [#tradewar](#) with China (short of actual conflict) will be when they announce planned sale of Treasuries. We have no counter because we refuse to balance the budget.

2 replies 0 retweets 0 likes

72. **Max Rudolph** @maxrudolph Mar 31

More

Be careful what you ask for! The President's tweets saying the post office should charge Amazon more (meaning voters pay more) will lead to Amazon entering delivery business more fully and raising rates for all of us to get letters delivered. [#gildedage](#) [#InsiderTrading](#)

0 replies 0 retweets 1 like

73. **Max Rudolph** @maxrudolph Mar 30

More

I remember writing a blog 20 years ago, and another in 2009, anticipating Walmart's entry into the insurance market. I wonder what took so long 😊

0 replies 0 retweets 4 likes

74. **Max Rudolph** @maxrudolph Mar 28

More

My first podcast - Andy Ferris interviewed me about emerging risks and my annual survey for SOA's Listen at your own risk. You can listen at this link or download it from your podcast provider. <https://lnkd.in/gQXrWWk> <https://lnkd.in/gshhncH>

0 replies1 retweet1 like

75. **Max Rudolph** @maxrudolph Mar 25

More

Accelerating trend on boards - they don't own shares of companies they serve. This means their [#incentives](#) are not [#aligned](#) with me. I vote no when I own more shares, if they are 67+ and not day to day involved, or if they worked for companies with bad ethics.

76. **Max Rudolph** @maxrudolph Mar 22

More

I recently gave an interest rate talk to actuarial students at U of Nebraska- talked about risks of high debt and needing a trigger prior to implosion. I mentioned financial crises but should have been more specific - [#tariffs](#) [#UNL](#)

0 replies0 retweets5 likes

77. **Max Rudolph** @maxrudolph Mar 7

More

It does no good to have a discussion about emerging risks or strategic planning without defining time horizon. Very few are comfortable thinking out more than 5 years.

0 replies0 retweets1 like

78. **Max Rudolph** @maxrudolph Mar 7

More

The more we focus on risk neutral scenarios the less likely we are to identify emerging risks early enough to be proactive.

1 reply0 retweets1 like

79. **Max Rudolph** @maxrudolph Mar 7

More

The fewer senior people who attend local actuarial club meetings the more I worry about the companies and the risks they have accepted. [#continuingeducation](#) [#alternativeviews](#)

80. **Max Rudolph** @maxrudolph Mar 1

More

Tariffs can make sense in developing industries but only delay the inevitable for those that are declining.

81. **Max Rudolph** @maxrudolph Mar 1

More

Tariffs leave a few better off (temporarily) and everyone else worse off. Some directly, losing jobs due to retaliatory tariffs, and the rest of us indirectly from higher prices.

0 replies 0 retweets 2 likes

82. **Max Rudolph** @maxrudolph Feb 25

More

[#askwarren](#) Mr. Buffett has spent a lot of time and money on nuclear proliferation in the past but not so much effort on climate change, which seems to imply broader disruptions at this point in history. Will this change in the future? Max Rudolph Omaha

0 replies 0 retweets 1 like

83. **Max Rudolph** @maxrudolph Feb 25

More

[#askwarren](#) As Clayton Homes expands its offerings will we see a mini house or container house at the exhibit hall this year? Max Rudolph Omaha

0 replies 0 retweets 1 like

84. **Max Rudolph** @maxrudolph Feb 25

More

[#askwarren](#) Starting with the 2012 report, Berkshire included specific info to value shares as part of the letter. This was greatly appreciated and useful. I'm disappointed that last year he backed off and this year completely abandoned the quest. Why? Max Rudolph Omaha

0 replies 0 retweets 1 like

85. **Max Rudolph** @maxrudolph Feb 25

More

[http://www.theactuarmagazine.org/eliminating-medical-dental-care-divide/ ...](http://www.theactuarmagazine.org/eliminating-medical-dental-care-divide/)
[@ShereenSayre](#) excellent [@SOActuaries](#) article about the need to consider oral health as part of holistic treatment is a great example of personal ERM! Interactions and aggregation matters

0 replies 0 retweets 1 like

86. **Max Rudolph** @maxrudolph Feb 25

More

For gun control, why not limit the speed a bullet can leave the barrel for use in the general population and require licensing and additional training for guns that essentially melt your organ if it passes close by.

87. **Max Rudolph** @maxrudolph Feb 24

More

I'm disappointed in today's [#BerkshireHathaway](#) letter. Comments are good, but little is new, and [@WarrenBuffett](#) has retreated from his promise to include enough info in the letter to value the company. [#Dumbeddown](#) [#havetodigdeeper](#)

0 replies 0 retweets 1 like

88. **Max Rudolph** @maxrudolph Feb 18

More

Why does everyone assume it is [@WarrenBuffett](#) investing in [#teva](#) ? Size (small) of position says it's not. [#berkshirehathaway](#)

0 replies 0 retweets 1 like

89. **Max Rudolph** @maxrudolph Feb 16

More

Stepping on the growth pedal and ignoring environmental issues reminds me of a recommendation that, if ever assured of a head on collision you could not avoid, speed up so you have more momentum. 🙄 🚑 🗑️ 🦴

0 replies 0 retweets 3 likes

90. **Max Rudolph** @maxrudolph Feb 16

More

I'm going to "10th Annual Value Investing Panel". See you there?

91. **Max Rudolph** @maxrudolph Feb 16

More

I'm reading Mark Buchanan's Forecast book. He suggests that increasing competitiveness in hedge funds results in arms race of leverage, providing liquidity and lowering volatility on the way up. But the way down happens quickly and "unexpectedly" [#soundsfamiliar](#)

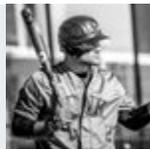
92. **Max Rudolph** @maxrudolph Feb 15

More

It's no surprise that [#Buffett](#) and [#Berkshire](#) sold their IBM stake during 2017 before tax rates went down. They are nothing if not [#taxaware](#). [#realizedcapitallosses](#)

0 replies 0 retweets 1 like

93. You Retweeted



dallas

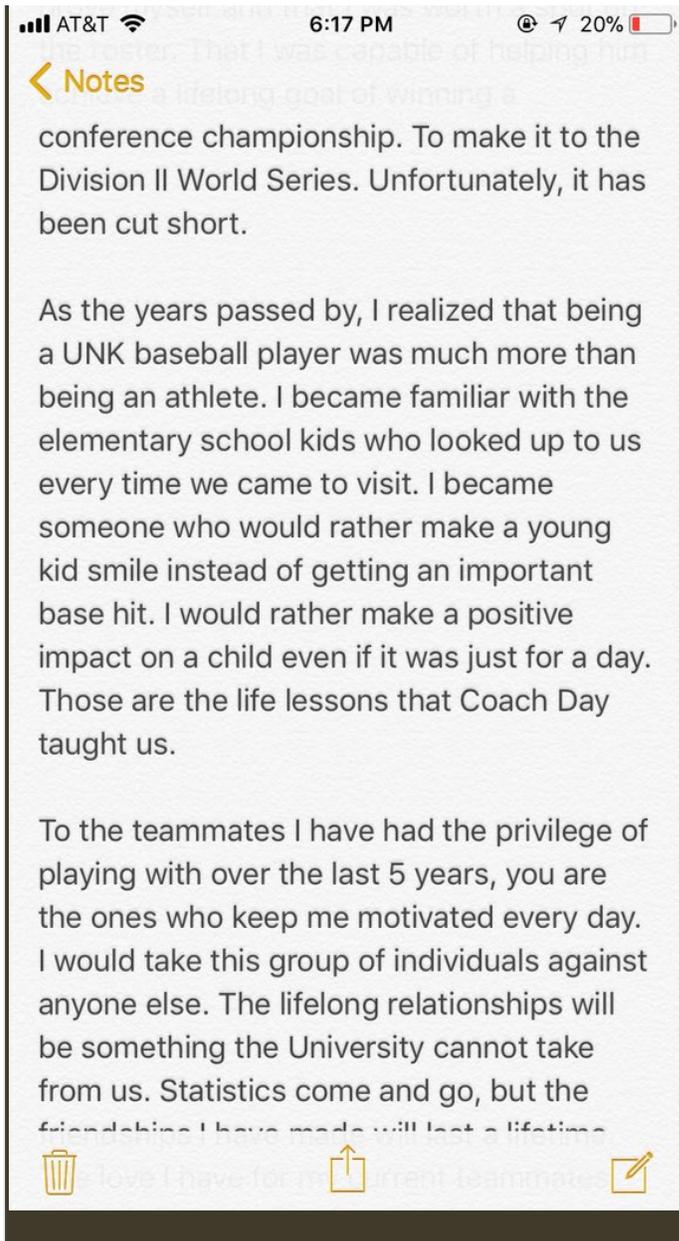


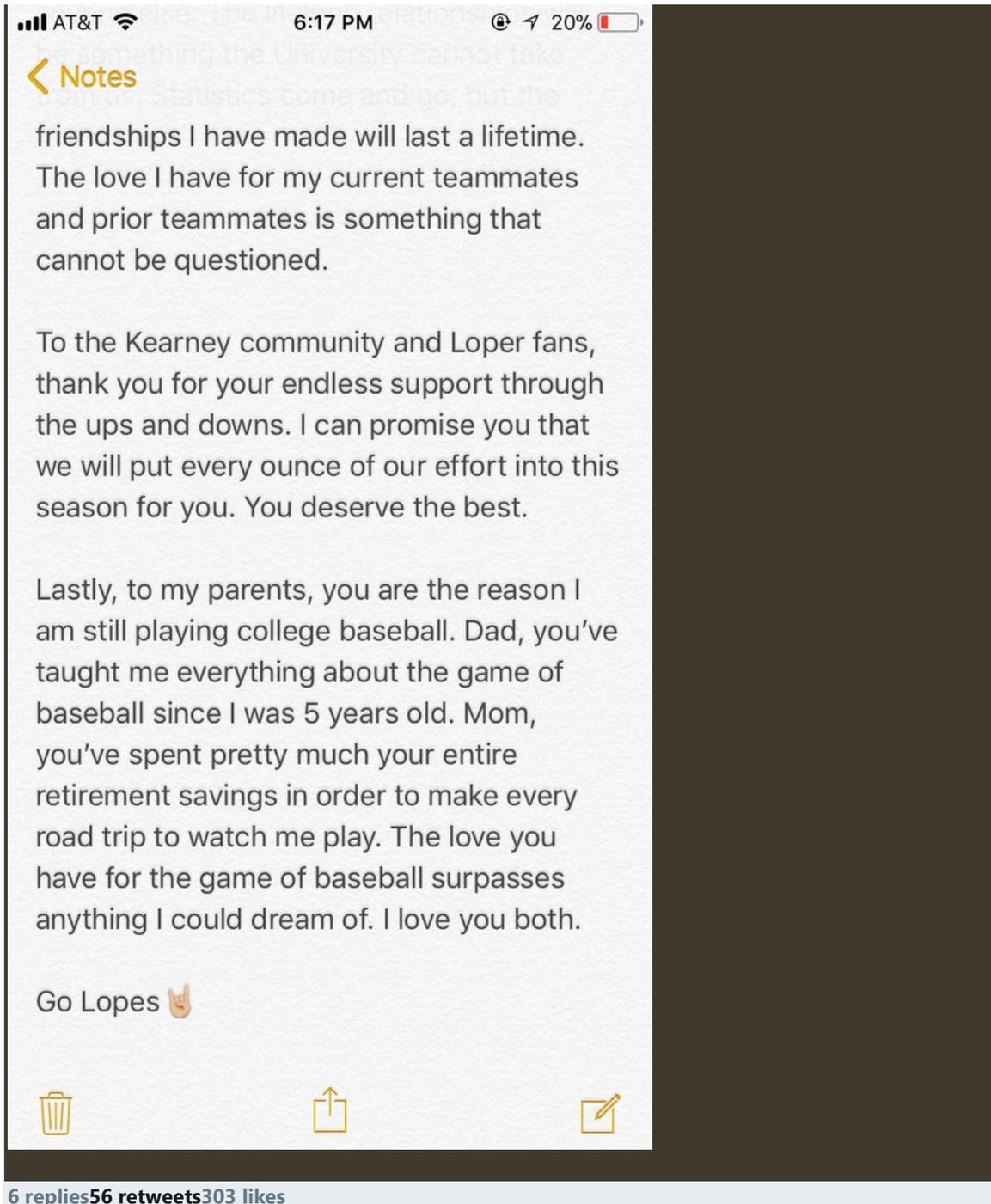
@schrammBAM Feb 13

More

It's a brotherhood 







94. **Max Rudolph** @maxrudolph Feb 12

More

Incredibly, some of my predictions have already come true before I publicly release them - designed to make you think! The world is moving quickly. <https://lnkd.in/eSc2UNj>
<https://lnkd.in/e9-eTFF>

95. **Max Rudolph** @maxrudolph Feb 9

More

Max Rudolph Retweeted Peter Brandt

Learning old-man rules before you are an old man is perhaps THE leading indicator for successful investing.

Max Rudolph added,

Peter Brandt [Verified account](#) @PeterLBrandt

Thanks @AxelDeAcetis I posted something similar re: Livermore last year - some crypto-trolls informed me that "old-man" rules no longer apply to these modern markets. Too bad each generation must learn the hard way. <http://jbmarwood.com/jesse-livermore-trading-rules-boy-plunger/> ...

0 replies 0 retweets 1 like

96. **Max Rudolph** @maxrudolph Feb 9

More

Even if most are not good at it, additional entrants trying to arbitrage away [#Buffett's](#) methods will eat into [#Berkshire's](#) returns.

0 replies 0 retweets 1 like

97. **Max Rudolph** @maxrudolph Feb 8

More

If you are a young risk manager and not freaking out this week there is something wrong - the risks that grew in the dark are now under the spotlight. With [#experience](#) comes [#knowledge](#). Expect to gain a lot of knowledge shortly.

98. **Max Rudolph** @maxrudolph Feb 7

More

[#Higherordereffects](#) are currently playing out - it will be interesting to see which liquid positions and asset classes fall as risk models and redemptions combine for [#unintendedconsequences](#)

0 replies0 retweets1 like

99. **Max Rudolph** @maxrudolph Feb 7

More

In addition to trading VIX, what illiquid investments have driven results that will be reported in the wsj soon? My long-only portfolio with no leverage helps me sleep ez. Saving when young is more important than outsized returns!

100. **Max Rudolph** @maxrudolph Feb 7

More

I enjoyed my [#ERM](#) session with [@MaryvilleU](#) actuarial students yesterday - great questions!

101. **Max Rudolph** @maxrudolph Feb 4

More

A great example of [#Moneyball](#), extended to [#higherordereffects](#), are the New England Patriots. They do a great job of identifying under-recognized assets.

0 replies1 retweet2 likes

102. **Max Rudolph** @maxrudolph Jan 28

More

The [#taxcut](#) seems designed to delay the [#recession](#) that is necessary to clean out our financial system. It "might" delay it past 2018 but 2020 will be hard to avoid. Previous presidents have accepted the pain early so [#reelectioncycle](#) 4 years later had growth.

0 replies0 retweets1 like

103. **Max Rudolph** @maxrudolph Jan 27

More

[#M2V](#) velocity of money has ticked up again, to 1.431. Confirming previous data and perhaps signaling [#inflation](#) return. A [#taxcut](#) was not needed.

0 replies1 retweet2 likes

104. **Max Rudolph** @maxrudolph Jan 27

More

If markets are [#efficient](#) and always fairly priced, why is it so easy to lag market returns (net of expenses)? [#candhaveitbothways](#)

105. **Max Rudolph** @maxrudolph Jan 26

More

[#Stresstesting](#) is useful because it provides estimates of [#exposure](#), not because it provides exact estimates and probabilities of loss.

1 reply0 retweets0 likes

106. **Max Rudolph** @maxrudolph Jan 25

More

Reported [#Volatility](#) is scaled down by [#passiveinvesting](#), central bank purchases, and central bank rate [#manipulation](#) - buyer beware

0 replies0 retweets1 like

107. **Max Rudolph** @maxrudolph Jan 19

More

I'll be speaking at the ERM Symposium April 19-20 in Miami - topics Emerging Risks and Stress/Scenario Planning. I hope to see you there! <http://www.ermssymposium.org>

0 replies0 retweets1 like

108. **Max Rudolph** @maxrudolph Jan 14

More

Side benefit of adding [#Jain](#) and [#Abel](#) to [#BRK](#) board is to lower the average age of the group and provide [#cultural](#) continuity.

109. **Max Rudolph** @maxrudolph Jan 11

More

Max Rudolph Retweeted Dave Ingram

Great interview with [@dingramerm](#) about plural rationality - worth multiple listens!

Max Rudolph added,

Dave Ingram @dingramerm

A new podcast on Plural Rationality Theory. <https://soundcloud.com/andrew-boyarsky/dwbe-011-plural-rational-theory> ...

0 replies0 retweets1 like

110. **Max Rudolph** @maxrudolph Jan 11

More

Max Rudolph Retweeted Max Rudolph

Based on 2016 year end [#BRK](#) financials in my March 2017 newsletter I estimated the impact of a 15% corporate tax to raise intrinsic value by 14%. I'll update with new annual report but 21% tax rate gives 10% growth in intrinsic value.

Max Rudolph added,

Max Rudolph @maxrudolph

<https://lnkd.in/eP47YJM> My March 2017 updated my annual review of Berkshire Hathaway intrinsic value, including a surprising correlation wi...

111. **Max Rudolph** @maxrudolph Jan 10

More

The appointment to the board of Jain and Abel is more important than succession plans at [#BRK](#). Abel is 55, and will be COO/CEO. Jain is 66 and will grow into Munger's role as CRO. What's needed next is a Jain insurance successor. Odd man out - Matt Rose.

0 replies0 retweets1 like

112. **Max Rudolph** @maxrudolph Jan 10

More

It's entertaining to see [@WarrenBuffett](#) talk about prices being reasonable given interest rates. Reading between the lines I think he is saying that rates have been manipulated down by central banks so if rates clear to their natural state yes assets are overvalued.

0 replies0 retweets1 like

113. **Max Rudolph** @maxrudolph Jan 10

More

Charlie [#Munger](#) always says it so concisely Economics is not physics - the same formula that works in one decade doesn't work in the next [#BRK](#)

0 replies 0 retweets 1 like

114. **Max Rudolph** @maxrudolph Jan 8

More

[#Governance](#) - will a board looking to retire as a group look to cash in? Avoiding a higher offer that comes in at a better point later in the cycle?

0 replies 0 retweets 1 like

115. **Max Rudolph** @maxrudolph Jan 6

More

In a manipulated and subsidized market like oil, adding new sources will do little except push out the high priced provider - offshore, tough environments, shale

0 replies 0 retweets 1 like

116. **Max Rudolph** @maxrudolph Jan 6

More

Investment expenses matter. My self directed account had .5 bp expenses in 2017 on 2% turnover. We shouldn't need to be "nudged"

117. **Max Rudolph** @maxrudolph Jan 4

More

<https://lnkd.in/e9peYrE> My October 2017 newsletter reviews The Fourth Turning, the most thought provoking book I read last year, and shares my list of scenarios for companies to use for cash flow testing. [@HoweGeneration](#)

0 replies 0 retweets 1 like

118. **Max Rudolph** @maxrudolph Jan 4

More

<https://lnkd.in/ebJnzAq> I really like the lessons I pulled from the 10th Emerging Risks Survey - I asked them what works, and what doesn't, for ERM and summarized it here in my September newsletter. Lessons for all of us!

0 replies 0 retweets 1 like

119. [You](#) Retweeted



SocietyofActuaries @SOActuaries Jan 3

More

Read The Actuary article on emerging risks, which include cyber, terrorism, financial instability, climate change & geopolitical risks.

0 replies 4 retweets 9 likes

120. **Max Rudolph** @maxrudolph Jan 1

More

When building [#scenarios](#) we should try to overcome our natural tendency to see [#patterns](#) in historical data. [#whatcouldhappen](#) [#unknownknown](#)

0 replies 0 retweets 1 like

121. **Max Rudolph** @maxrudolph Jan 1

More

2018 is 100th anniversary of the great [#influenzapandemic](#) - started in the spring with mild flu.

0 replies 0 retweets 1 like

122. **Max Rudolph** @maxrudolph 30 Dec 2017

More

Pension plans that use efficient frontiers to invest when underfunded by large amounts do not meet their fiduciary standard. Their understanding of risk is flawed.

0 replies 0 retweets 3 likes

123. **Max Rudolph** @maxrudolph 29 Dec 2017

More

[#whatwillwarrendo2018](#) I think [#BRK](#) will sell some long-held stocks under lower tax rate but only if he has a major acquisition to use the funds. Could trade for 3G assets. May move into commodities.

0 replies 0 retweets 1 like

124. **Max Rudolph** @maxrudolph 28 Dec 2017

More

<https://lnkd.in/ed5iefZ> My August newsletter shares an article where I was the lead author that was published in the SOFE Examiner. It considers the capital assessment process and what topics should be considered.

0 replies 0 retweets 1 like

125. **Max Rudolph** @maxrudolph 28 Dec 2017

More

[https://www.youtube.com/watch?v=S9HglGzOENA&sns=tw ...](https://www.youtube.com/watch?v=S9HglGzOENA&sns=tw...) via [@youtube](#)

Charlie [#Munger](#) is as sharp as ever in this recent interview. Talks [#Omaha](#) , [#Bitcoin](#) , getting started. Dean tees it up and listens.

0 replies 1 retweet 1 like

126. **Max Rudolph** @maxrudolph 27 Dec 2017

More

<https://lnkd.in/eSDS5nj> I have released the review of my 2017 predictions - look for 2018 sometime in January. [#anotheruniqueyear](#)

0 replies 0 retweets 1 like

127. **Max Rudolph** @maxrudolph 27 Dec 2017

More

Updated [#529](#) rules will have unintended consequences - will increase [#studentdebt](#) levels. [#EIRAwasmuchbetter](#) [#EIRAwasmuchcheaper](#)

0 replies 0 retweets 1 like

128. **Max Rudolph** @maxrudolph 22 Dec 2017

More

This is the time of year that mutual funds pay out distributions and I express frustration that my new money allocation preferences are ignored. [#consistent](#)

1 reply 0 retweets 1 like

129. **Max Rudolph** @maxrudolph 20 Dec 2017

More

A trick I used to use on myself early on to build savings was to keep monthly track of my investment totals. I wanted to be higher each month so when close would magically “find” money to deposit at the end of a month. [#italladdsup](#) [#savingstrick](#)

0 replies 0 retweets 2 likes

130. **Max Rudolph** @maxrudolph 20 Dec 2017

More

Obvious [#consequences](#) of eliminating the [#IndividualMandate](#) for health coverage - buying policy in hospital, insurers backing out of market, hospitals left holding the bag/bankrupt, pushback on publicly elected officials [#goodfordemocrats](#)

0 replies 0 retweets 1 like

131. **Max Rudolph** @maxrudolph 19 Dec 2017

More

[.lnkd.in/emKM7gf](#) My article on the 10th emerging risk survey was published this month in The Actuary!

0 replies 0 retweets 1 like

132. **Max Rudolph** @maxrudolph 15 Dec 2017

More

Congressmen claiming moral high ground when eliminating deduction for donations to colleges tied to tickets should review their ethical position that allows hedge fund managers to avoid paying income taxes. [#FICAimpacttoo](#)

0 replies 0 retweets 0 likes

133. **Max Rudolph** @maxrudolph 7 Dec 2017

More

The risk of a Middle East [#regionalconflict](#) seems to be rising every day. Wars run on old energy, i.e., oil. I now include oil companies in the [#defensesector](#).

0 replies 0 retweets 1 like

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