

2019-20 NRPS PAC Parent Education Committee

Thursday, September 26, 2019

Topic: Climate and Traffic Safety at School

Special Guest: Mr. Ian Cannon – Principal

Please join at www.slido.com
with this code: #NRPS
to ask any questions

1. Global warming: Is it real in science? (Fei Liu)

2. The effective and safe way to help with the climate change issue in our daily life. (Mr. Ian Cannon)

Reducing driving to and from school for

- Children's safety
- Less climate change

3. What are the climate strike and the relevant organization? (Fei Liu)

4. Reflections & questions (shared by the parents)

Sources:

1. [Global cooling - Is global warming still happening?](https://skepticalscience.com/global-cooling.htm)

<https://skepticalscience.com/global-cooling.htm>

2. [Global warming - Because of the sun?](https://skepticalscience.com/solar-activity-sunspots-global-warming.htm)

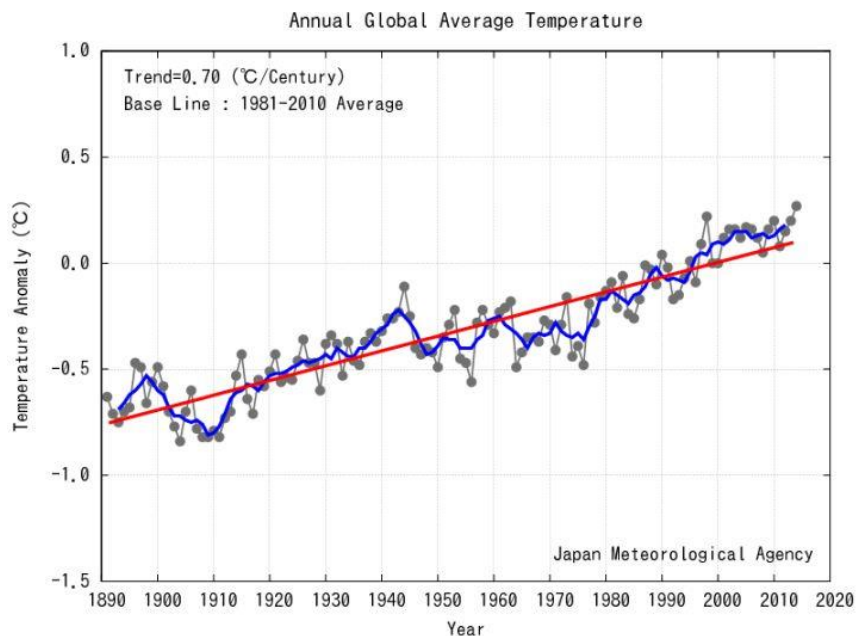
<https://skepticalscience.com/solar-activity-sunspots-global-warming.htm>

3. [It hasn't warmed since 1998?](https://skepticalscience.com/global-warming-stopped-in-1998.htm)

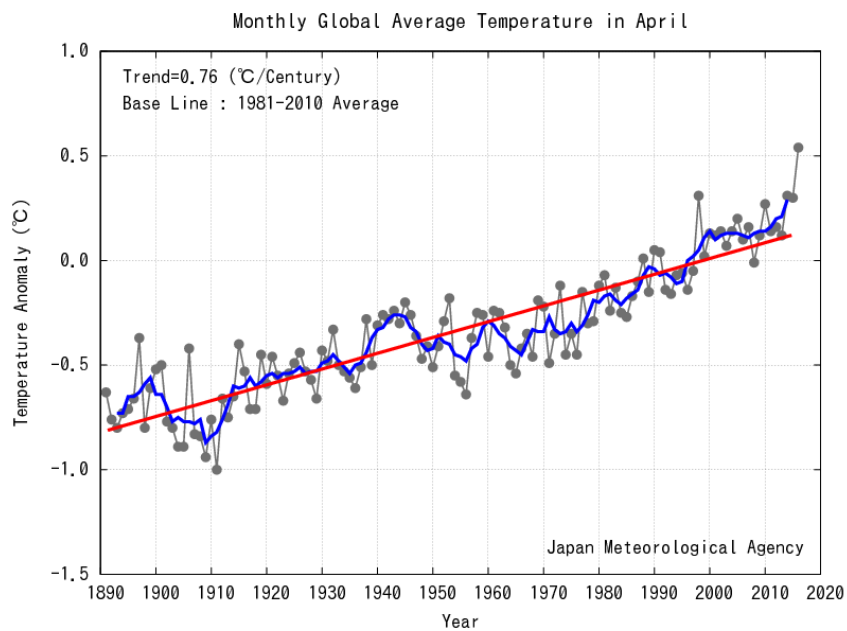
<https://skepticalscience.com/global-warming-stopped-in-1998.htm>

4. <https://globalclimatestrike.net/> (hosted by 350.org)

5. Japan Meteorological Agency 1981-2010 Global Temperature Data



Anomalies are deviation from baseline (1981-2010 Average).
 The black thin line indicates surface temperature anomaly of each year.
 The blue line indicates their 5-year running mean.
 The red line indicates the long-term linear trend.



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2019-20 学年 NRPS 家长交流与分享专题系列

2019 年 9 月 26 日

主题: 气候变化与校园交通安全

特邀嘉宾: 校长 Ian Cannon 先生

请加入在线提问平台 www.slido.com

输入编码: #NRPS

可用中文或英文提问

- 1、全球气候变暖 科学上是真的吗 (主持人: Fei Liu)
- 2、我们日常生活能做的最有效安全的保护环境的措施
 - 为了孩子的安全
 - 减少气候变化危机
- 3、什么是气候罢工罢课、由什么组织发起 (主持人: Fei Liu)
- 4、家长感想与问题分享

相关资料:

1. 全球变暖是骗局吗? <https://www.zhihu.com/question/19595131>
2. 全球变暖真实发生吗? [Global cooling - Is global warming still happening?](https://www.zhihu.com/question/26720157/answer/35646956)

3. 中世纪暖期的温度不是比现在还高嘛?

因为所谓的“中世纪暖期 (Medieval Warm Period)”并不是一个严谨的概念。更新的研究表明, 中世纪暖期只限定于一些特定的区域, 而在全球尺度看, 中世纪 (950-1250AD) 的全球平均气温甚至低于现在水平的。

来源: [Was there a Medieval Warm Period?](https://www.zhihu.com/question/26720157/answer/35646956)

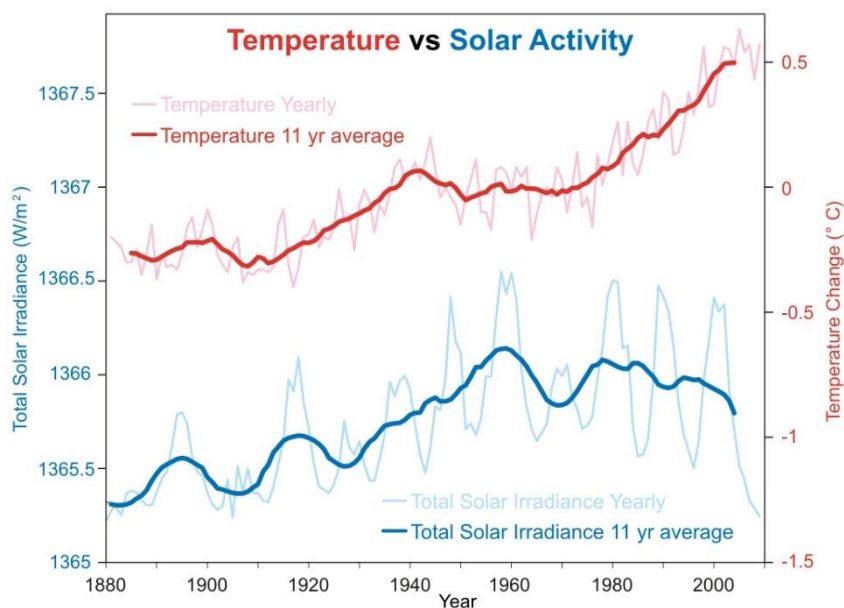
作者: Yang Shu

链接: <https://www.zhihu.com/question/26720157/answer/35646956>

来源: 知乎

4. 为什么说现在的温度上升不是太阳活动引起的呢? 光说周期不合也太牵强了吧? 最近不是黑子活动越来越强了么?

因为在最近的 35 年，太阳活动，或者说地球接收到的能量其实是减少的，这与气温上升的事实不符，所以气温上升不是由于太阳活动的增强。



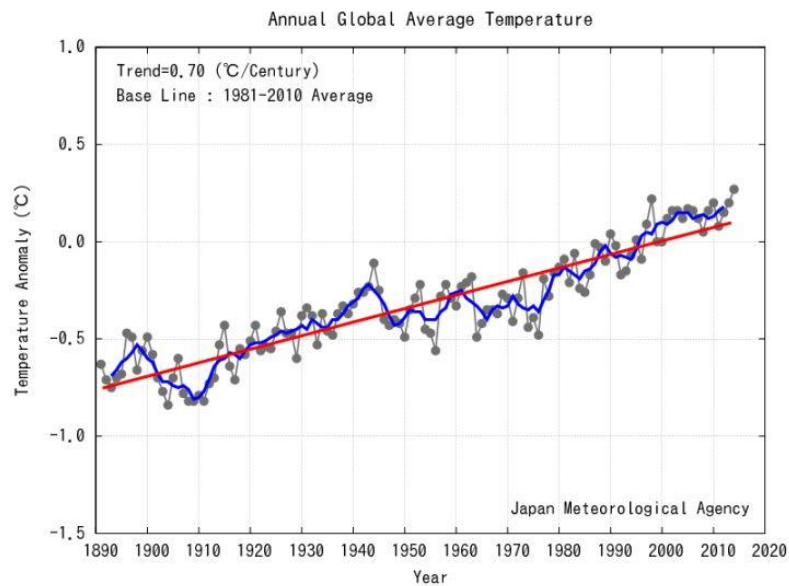
图三：年度全球气温变化（细红线）与 11 年平均气温变化值（深红线）。气温值由 NASA GISS 提供。年度太阳发光总量（细蓝线）与 11 年平均发光量变化值（深蓝线）。1880 年至 1978 年太阳发光总量由 Solanki 提供。1979 年至 2009 年太阳发光总量由 PMOD 提供。

5. 全球变暖（Global Warming）还是气候变化（Climate Change）？

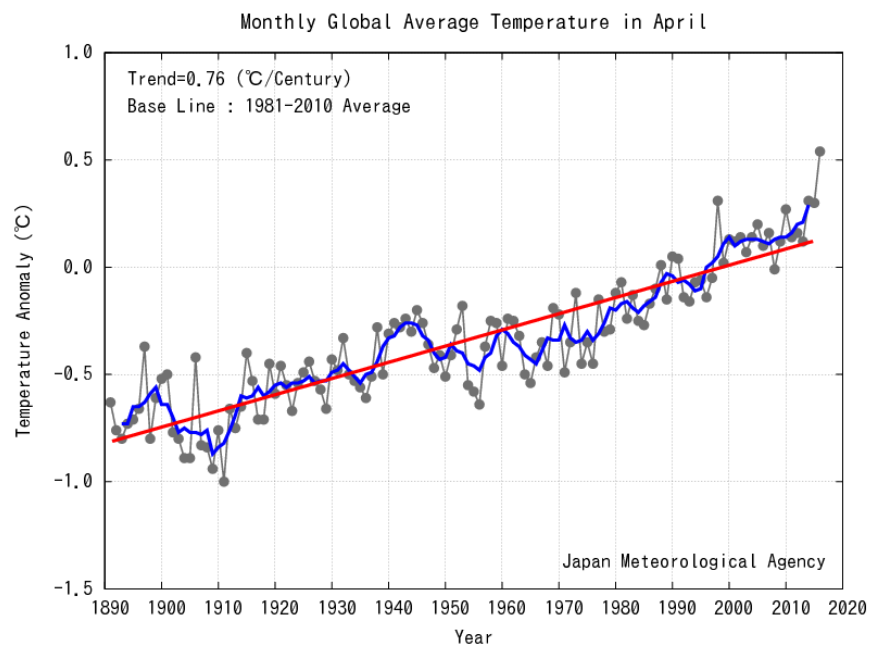
所谓的气候变化，那自然有可能是变暖，也有可能变冷。科学研究发现自工业革命以来（1900 年以来）的这一百多年里，地球的平均温度有异常上升的趋势，称之为全球变暖。所以我们一般讨论的气候变化，就是指这一现象。但是越来越多的研究发现，工业化以来的气候异常不仅包括了平均气温升高，还有局部变冷，极端天气更加频繁等现象，所以现在一般更为严谨的说法是气候变化，全球变暖相对地少提了。但这并不是说全球变暖就被推翻了。

6. <https://globalclimatestrike.net/> (由 350.org 建立)

7. 日本气象厅 2015 年 1 月 5 日根据最新数据给出的全球气温异常曲线，以及每年四月的历年气温曲线：



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