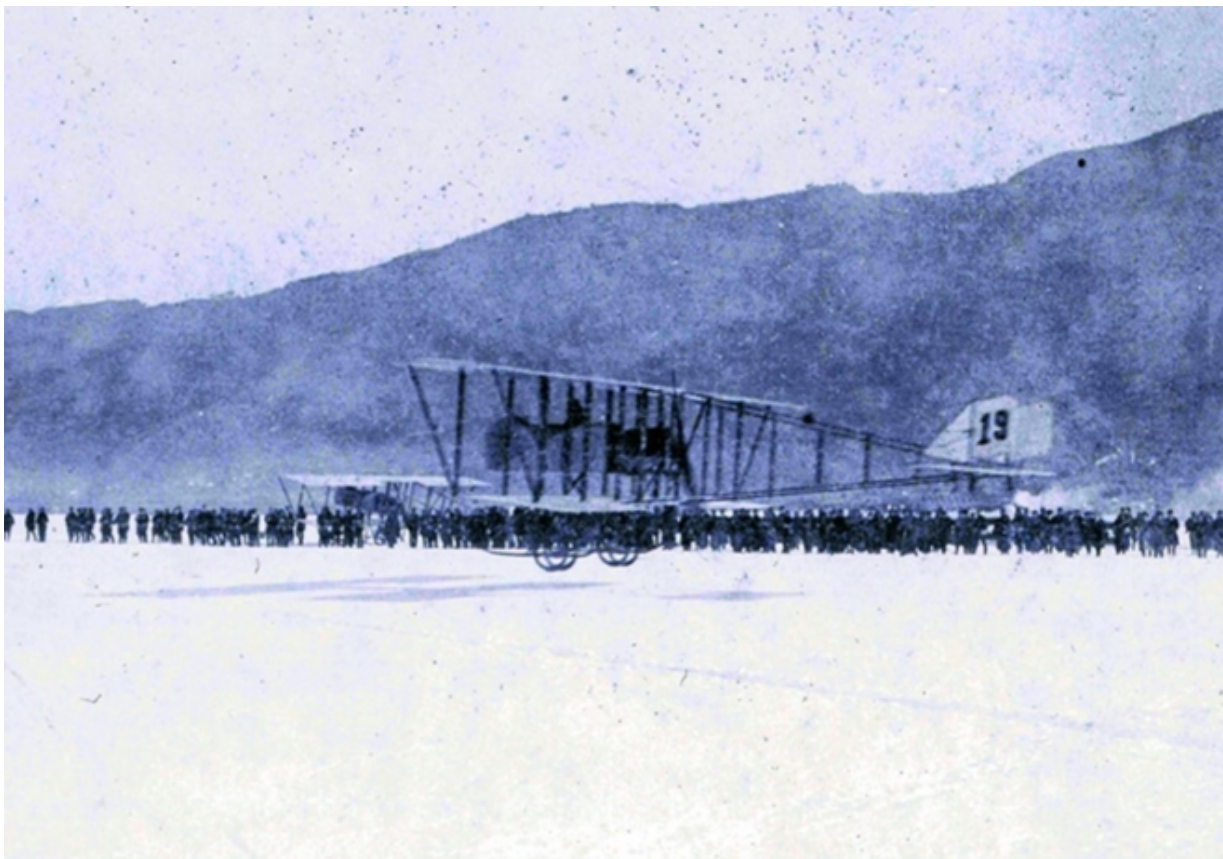


CO₂ 2010 135-146 1833 1m²²⁾

2016 1 25 35 1902 35 1 25 41

²³⁾

1917



2013 2018 2021 2021 3 1600 100 1

1830 1850²⁴⁾

1555-1600 1577 1594

459 1780-1880²⁵⁾

????????????????????????????????1910?1????????????????????????????????8m????????????????2016?5???

????????CO₂????????????????????????????????6.1m????????????1910?1????????????????????⁷⁶⁾?

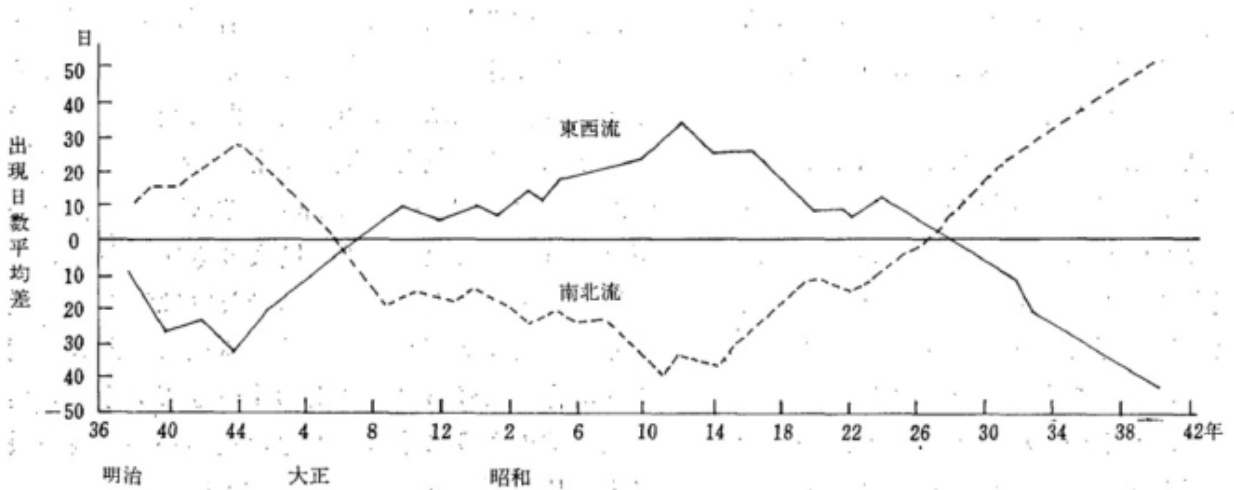
????????A.????2020????????????1914????1919????????????????????????1????????????????1918-1920?????

????????????????????????????????????⁷⁷⁾?

??

????????????????1951????????????????????????????1910-2000????????????????50??1975?1?1??????????

??



????????????????????

?????????6??1917????????????????????????meridional flow??1918????27??1952????????????????zonal flow??38????38??1963????????????????

??

1????????????????????????????????????1976????1980?2??21?

2????????????????????<https://ieei.or.jp/2020/10/expl201012/>

3????????CO₂????????????????<http://ieei.or.jp/2021/03/expl210315/>

4?<https://core.ac.uk/download/pdf/144568735.pdf>

5?<https://www.sankei.com/column/news/171004/clm1710040005-n1.html>

6?<https://wattsupwiththat.com/2016/06/11/climate-blamed-for-worst-paris-floods-since-1910/>

7?<https://www.newsweekjapan.jp/stories/world/2020/09/post-94585.php>

????????IEEI??

This entry was posted on Tuesday, May 11th, 2021 at 7:10 am and is filed under ???, ????? You can follow any responses to this entry through the [Comments \(RSS\)](#) feed. Both comments and pings are currently closed.

