

# Жарко

Arnaud Delebarre, Mines Paris, France, janvier/январь 2024

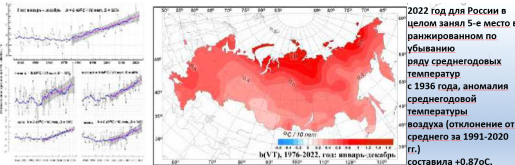
Notice explicative et sources / Сопроводительная записка и источники



ДОКЛАД ОБ ОСОБЕННОСТЯХ КЛИМАТА НА ТЕРРИТОРИИ РОССИЙСКОЙ ФЕДЕРАЦИИ, ЗА 2022 ГОД, РОСГИДРОМЕТ, ISBN 978-5-906099-58-7,

<https://meteoinfo.ru/images/media/climate/rus-clim-annual-report.pdf>.

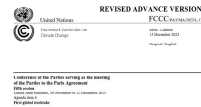
Relevé de températures sur le territoire de la Fédération de Russie en 2022.



Paradis, film de Alexander Abaturov, <https://www.critikat.com/actualite-cine/critique/paradis-3/>



Пожары в красноярском крае, пожар в Сибири 2019 Сибирь горит регрессивный гипноз ченнелинг, [https://vk.com/video-2090260\\_456239488](https://vk.com/video-2090260_456239488)



UNFCCC, Stocktake of COP28, serving as the meeting of the Parties to the Paris Agreement, 13th December 2023,

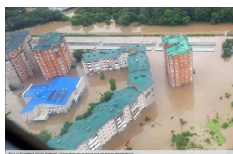
[https://unfccc.int/sites/default/files/resource/cma2023\\_L17E.pdf](https://unfccc.int/sites/default/files/resource/cma2023_L17E.pdf)



Station météorologique russe, Ile Kolioutchine, Mer des Tchouktches, photo Dmitri Kokh, <https://fr.rbth.com/lifestyle/87651-ours-polaires-station-meteorologique-tchoukotka>



Ossoue Glacier from Vignemale (3298m, Pyrenees), 1977, 2004, 2023, by Melaine Le Roy, @subfossilguy, X, 28 July 2023



В Приморье устраняют последствия прошедшего тайфуна "Ханун" и готовятся к новому, август 2023, <https://rg.ru/2023/08/15/lan-idet-posledu.html>

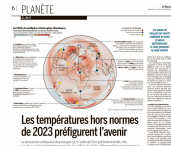


Allstate is a BBB credit now, Financial Times, Alexandra Scaggs August 14 2023, <https://www.ft.com/content/17248ad1-d5f7-4322-8b60-5ce898cf7bdf>, illustrated by Tornado Mayfield, Ky., USA, Dec. 12, 2021, Photo/Gerald Herbert.



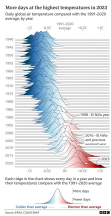
<https://www.novethic.fr/actualite/environnement/climat/isr-rse/rechauffement-climatique-un-monde-a-2-c-n-est-deja-plus-assurable-150028.html>

Незастрахованный мир



Les températures hors normes de 2023 préfigurent l'avenir. Le Monde, 15 janvier 2024.

Необычайные температуры 2023 года предвещают будущее.

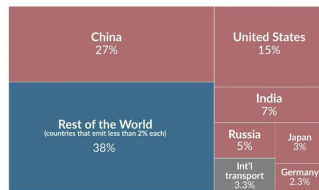


2023 confirmed as world's hottest year on record, By Mark Poynting & Erwan Rivault, BBC News Climate & Verify Data Journalism teams, 9th January 2024,

<https://www.bbc.com/news/science-environment-67861954>

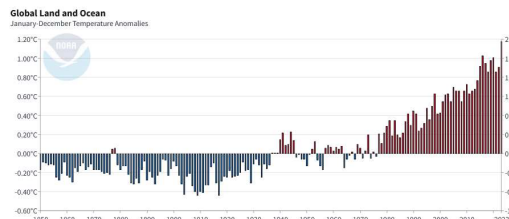
2023 год признан самым жарким годом в истории за всю историю наблюдений

Emissions are adjusted for trade flows (i.e. consumption-based emissions). These are calculated as domestic emissions minus emissions embedded in exports plus imports.



Hannah Ritchie, Why “my country only emits 1% of emissions” is no excuse for rich countries to not tackle climate change, 11th March 2023, <https://www.sustainabilitybynumbers.com/p/small-emitters>, Почему фраза «Моя страна выбрасывает только 1% выбросов» не является оправданием для богатых стран, которые не решают проблему изменения климата

Year	Global	Land	Ocean
January-December 2023	1.14°C	1.14°C	1.14°C
January-December 2022	1.09°C	1.09°C	1.09°C
January-December 2021	1.04°C	1.04°C	1.04°C
January-December 2020	0.99°C	0.99°C	0.99°C
January-December 2019	0.94°C	0.94°C	0.94°C
January-December 2018	0.89°C	0.89°C	0.89°C
January-December 2017	0.84°C	0.84°C	0.84°C
January-December 2016	0.79°C	0.79°C	0.79°C
January-December 2015	0.74°C	0.74°C	0.74°C
January-December 2014	0.69°C	0.69°C	0.69°C
January-December 2013	0.64°C	0.64°C	0.64°C
January-December 2012	0.59°C	0.59°C	0.59°C
January-December 2011	0.54°C	0.54°C	0.54°C
January-December 2010	0.49°C	0.49°C	0.49°C
January-December 2009	0.44°C	0.44°C	0.44°C
January-December 2008	0.39°C	0.39°C	0.39°C
January-December 2007	0.34°C	0.34°C	0.34°C
January-December 2006	0.29°C	0.29°C	0.29°C
January-December 2005	0.24°C	0.24°C	0.24°C
January-December 2004	0.19°C	0.19°C	0.19°C
January-December 2003	0.14°C	0.14°C	0.14°C
January-December 2002	0.09°C	0.09°C	0.09°C
January-December 2001	0.04°C	0.04°C	0.04°C
January-December 2000	0.00°C	0.00°C	0.00°C



NCEI, NOAA, Global Time Series, Earth temperature anomalies with respect to 1901-2000 average  
Аномалии температуры Земли по отношению к

среднему значению за 1901-2000 гг.

<https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/global/time-series>