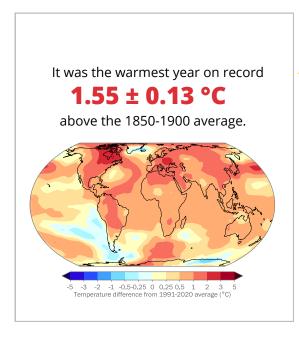


## STATE OF THE GLOBAL CLIMATE **2024**



Interactive and PDF report

336.9<u>+</u>0.1

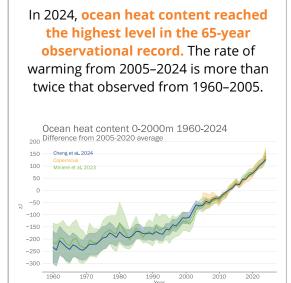


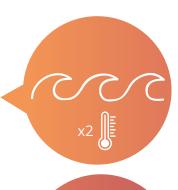


In 2023, the atmospheric concentration of carbon dioxide, methane and nitrous oxide, reached the highest levels in the last 800 000 years.

CH4
1934+2
PARTS PER

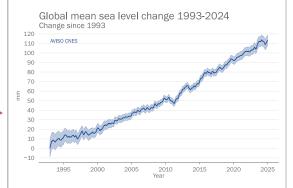
420+0.1





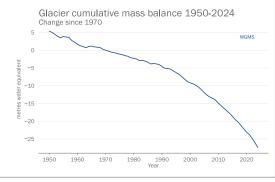


In 2024, global mean sea level reached a record high in the satellite record. From 2015-2024, sea level rose at an annual rate of 4.7mm, compared to 2.1mm from 1993-2002.



## **Unprecedented glacial loss**Glacier mass loss from 2021-2024 was the

most negative three-year glacier mass balance on record. Exceptional losses were experienced in Norway, Sweden,
Svalbard and the tropical Andes.

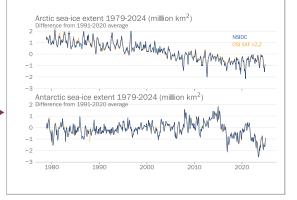


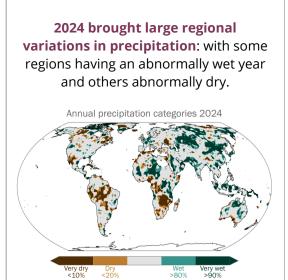




## Arctic & Antarctic sea ice extent were both below average.

The annual minimum and maximum of Antarctic sea-ice extent were each the second lowest in the observed record.









One year above 1.5° does not mean the Paris Agreement has not been met. Best estimates of long-term global warming

