

# Greenhouse gas emissions Dashboard – June 2022



TE KAUNIHERA-Ā-ROHE O TARATAHI  
**CARTERTON**  
DISTRICT COUNCIL



**SOUTH WAIRARAPA**  
DISTRICT COUNCIL  
Kia Reretahi Tātau



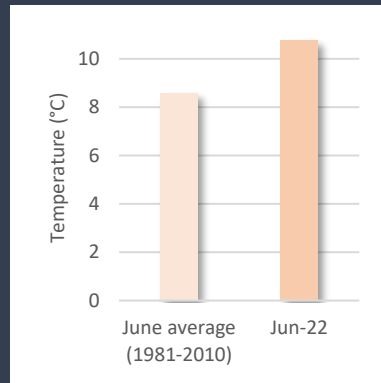
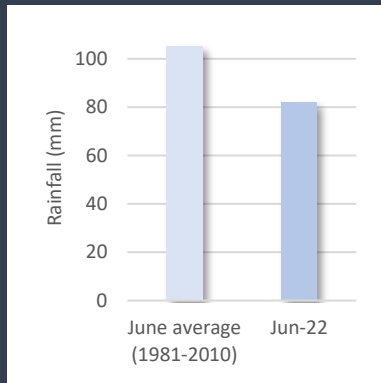
## Climate data

Earth's average temperature in June 2022 compare to 1951-1980 data: **+0.91°C**



Masterton, June 2022 (main weather station in the Wairarapa):

- Average rainfall compare to 1981-2010: **-23.3mm**
- Average temperature compare to 1981-2010 : **+2.2°C**



### Did you know?

Weather and climate are two different things. Weather is what conditions of the atmosphere are over a short period of time, and climate is how the atmosphere "behaves" over relatively long periods of time.



## Electric Vehicles (EV)

Data for June 2022:

- EV fleet in the Wellington region: 5,817 ~ +4.3%
- EV fleet in New Zealand: 48,073 ~ +3.9%

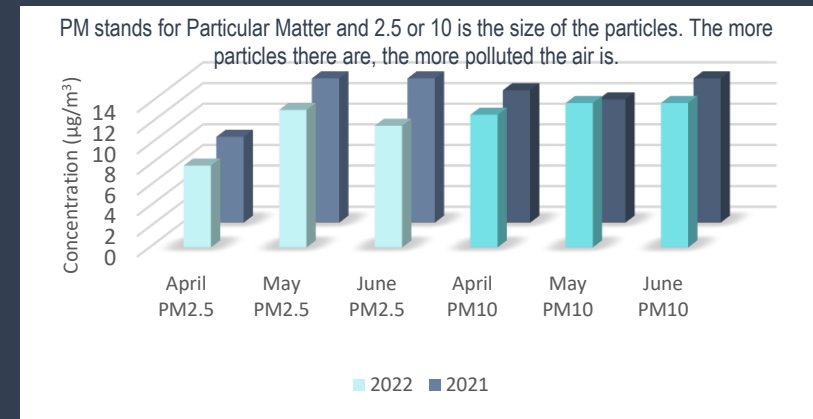
Compare to previous month



## Air quality

Masterton, June 2022 (main air quality station in the Wairarapa):

- PM2.5: 13.33  $\mu\text{g}/\text{m}^3$  – **4 days exceed WHO guidelines** (>25  $\mu\text{g}/\text{m}^3$ )
- PM10: 17.10  $\mu\text{g}/\text{m}^3$  – 0 day exceeds WHO guidelines (>50  $\mu\text{g}/\text{m}^3$ )



## Electricity

Power consumption (South Wairarapa and Carterton Districts) in June 2022 :

- Streetlight: 34,000 kWh  $\approx$  53 houses power consumption<sup>4</sup>
- Water supply: 89,000 kWh  $\approx$  138 houses
- Wastewater: 64,000 kWh  $\approx$  99 houses

One house of 4 people consumes about 650 kWh per month

Greenhouse gas emissions from electricity in June 2022 :

- 20.7 tCO<sub>2</sub>e  $\approx$  89 return flights between Wellington and Auckland

