



Department of  
Primary Industries

# Clyde River Water Quality Report

Climate Smart Pilots

March 23, 2022

[www.farmdecisiontech.net.au](http://www.farmdecisiontech.net.au)

---

## **Foreword**

### **Funding**

This work has been produced by the NSW Primary Industries Climate Change Research Strategy funded by the NSW Climate Change Fund.

### **NSW Department of Primary Industries Disclaimer**

This is a research trial and pilot project, and you should not rely solely on the information or advice provided in these reports.

### **NSW Food Authority Disclaimer**

The NSW Food Authority attempts to ensure this information is updated regularly. Due to the unpredictable nature of events leading to harvesting closures, and the fact they may not always occur during business hours, the list may not always reflect the most recent closures and conditions and is not intended to be legally binding. Before harvesting shellfish for human consumption, farmers should confirm the status of the Harvest Area.

### **Feedback and Questions**

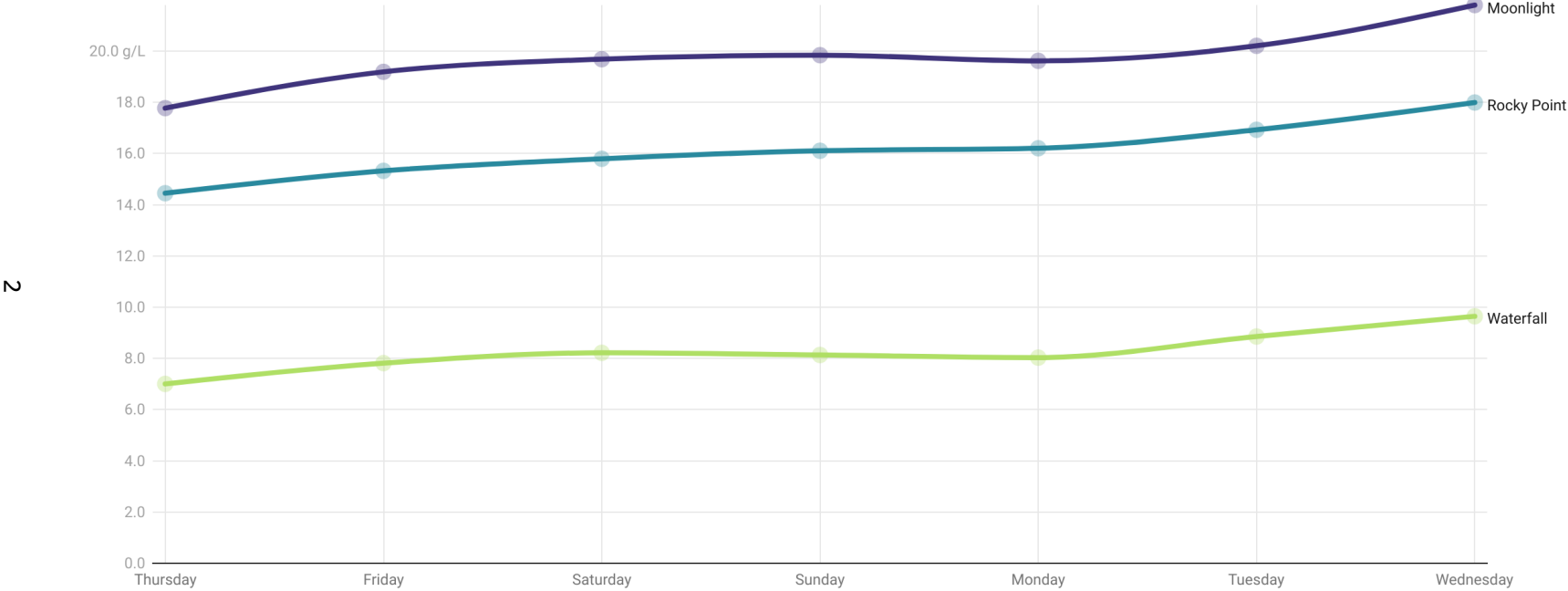
Please provide feedback and questions to Harvey Bates

Email: [harvey.bates@dpi.nsw.gov.au](mailto:harvey.bates@dpi.nsw.gov.au)

Ph: 0447 359 557

# 7-Day Salinity Average Trend

Daily average salinity for each harvest area.



\*g/L is equivalent to both g/kg and ppt  
Created with Datawrapper

## 7-Day Salinity Average Trend

Average daily salinity at each buoy throughout the Clyde River.

Waterfall Moonlight Rocky Point

### Rocky Point

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Rocky Point	16.8 g/L	17.7 g/L	17.9 g/L	18.5 g/L	18.5 g/L	19.3 g/L	20.3 g/L
Waterfall Creek	14.5 g/L	15.7 g/L	16.2 g/L	16.2 g/L	16.4 g/L	17.2 g/L	18.8 g/L
Chinamans Point	12.1 g/L	12.5 g/L	13.3 g/L	13.6 g/L	13.7 g/L	14.3 g/L	15.1 g/L
Angry Man Point							

### Waterfall

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Buckenbowra Creek	8.8 g/L	10.1 g/L	10.2 g/L	10.3 g/L	10.2 g/L	11.2 g/L	11.6 g/L
Big Island West	7.1 g/L	8.2 g/L	8.8 g/L	8.6 g/L	8.5 g/L	9.0 g/L	9.7 g/L
Double Bay	4.9 g/L	5.2 g/L	5.5 g/L	5.4 g/L	5.5 g/L	6.2 g/L	7.4 g/L

### Moonlight

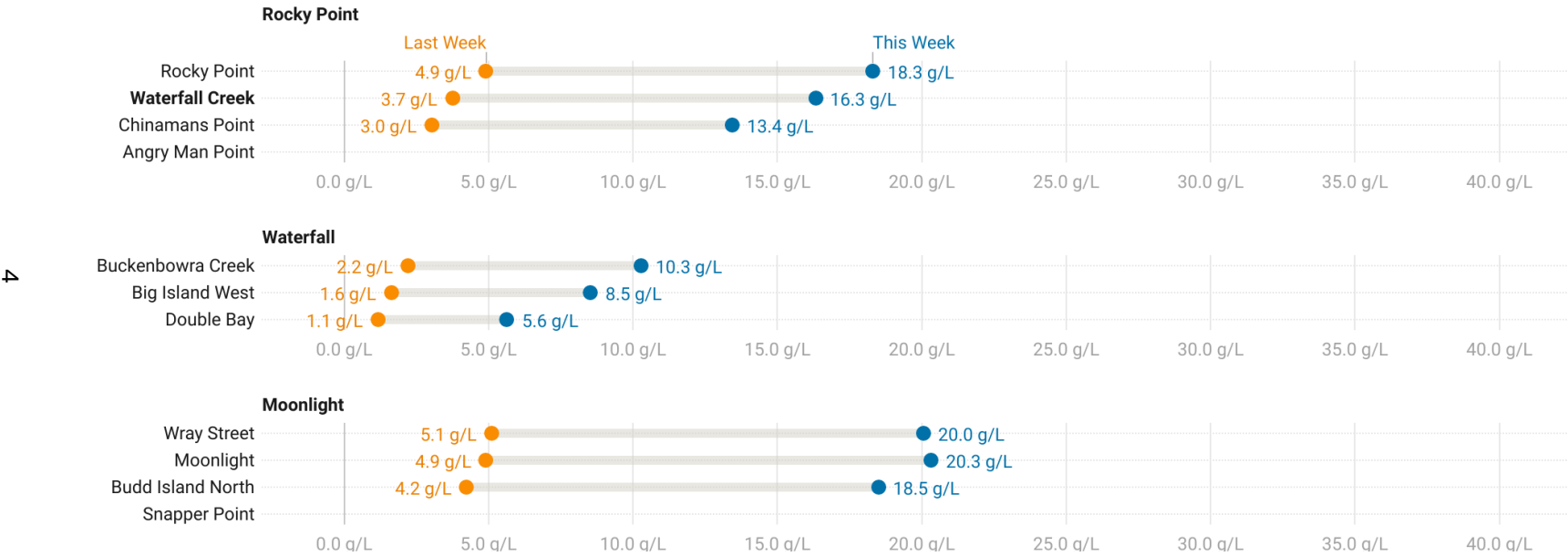
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Moonlight	19.0 g/L	20.1 g/L	20.3 g/L	20.3 g/L	20.3 g/L	20.7 g/L	22.3 g/L
Wray Street	18.0 g/L	19.8 g/L	19.9 g/L	20.6 g/L	19.9 g/L	20.8 g/L	22.2 g/L
Budd Island North	16.3 g/L	17.7 g/L	18.8 g/L	18.7 g/L	18.6 g/L	19.2 g/L	20.8 g/L
Snapper Point							

Units represent grams of salt per litre (g/L). This is equivalent to both g/kg and ppt.

Source: FarmDecisionTECH • Created with Datawrapper

## Fortnightly Average Salinity Trend

Comparison between this weeks average salinity and the average salinity last week. Units represent grams of salt per litre (g/L).

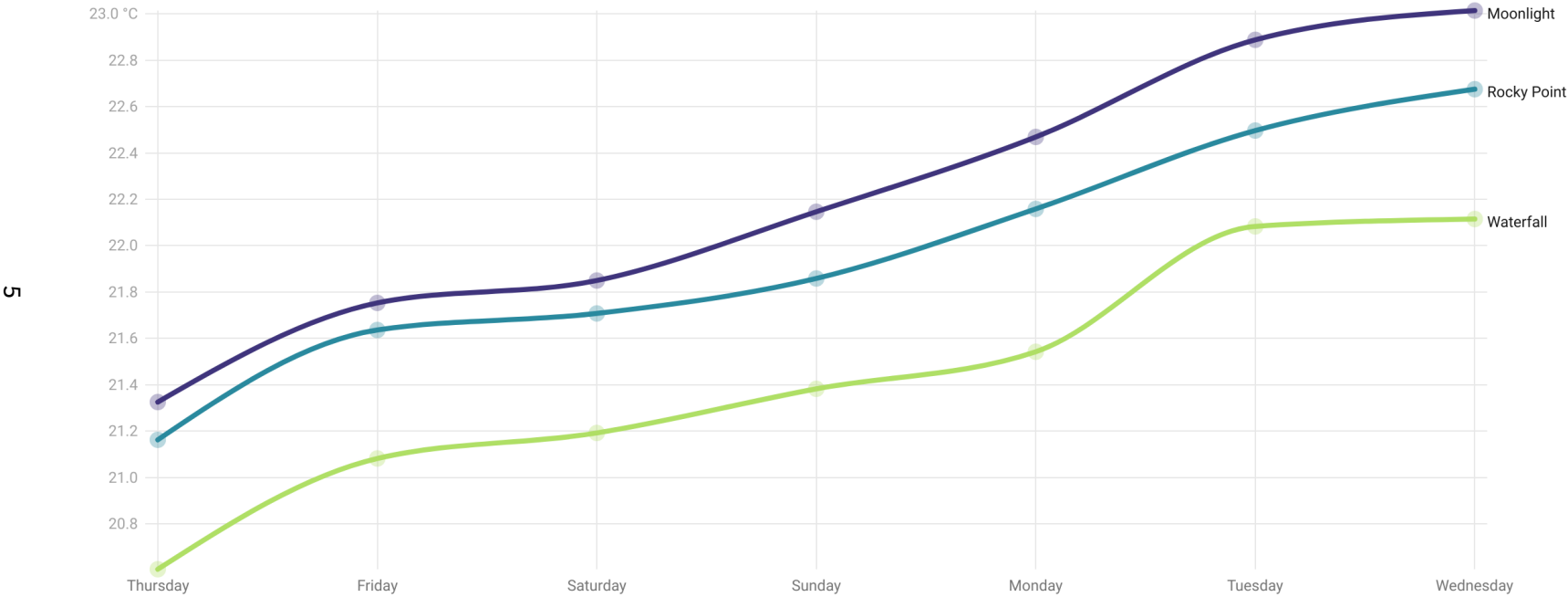


Units represent grams of salt per litre (g/L). This is equivalent to both g/kg and ppt.

Source: FarmDecisionTECH • Created with Datawrapper

# 7-Day Average Temperature Trend

Daily average temperature for each harvest area.



Temperature is displayed in degrees Celsius (°C).

Source: FarmDecisionTECH • Created with Datawrapper

# 7-Day Temperature Average Trend

Average daily temperature at each buoy throughout the Clyde River.

Waterfall Moonlight Rocky Point

## Rocky Point

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Waterfall Creek	21.3 °C	21.9 °C	21.9 °C	22.1 °C	22.3 °C	22.7 °C	22.8 °C
Rocky Point	21.2 °C	21.6 °C	21.7 °C	21.9 °C	22.2 °C	22.6 °C	22.7 °C
Chinamans Point	21.0 °C	21.4 °C	21.6 °C	21.6 °C	22.0 °C	22.3 °C	22.6 °C
Angry Man Point							

## Waterfall

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Buckenbowra Creek	20.8 °C	21.2 °C	21.3 °C	21.4 °C	21.7 °C	22.2 °C	22.3 °C
Big Island West	20.5 °C	21.0 °C	21.2 °C	21.4 °C	21.5 °C	21.9 °C	22.2 °C
Double Bay	20.5 °C	21.0 °C	21.0 °C	21.3 °C	21.4 °C	22.1 °C	21.8 °C

## Moonlight

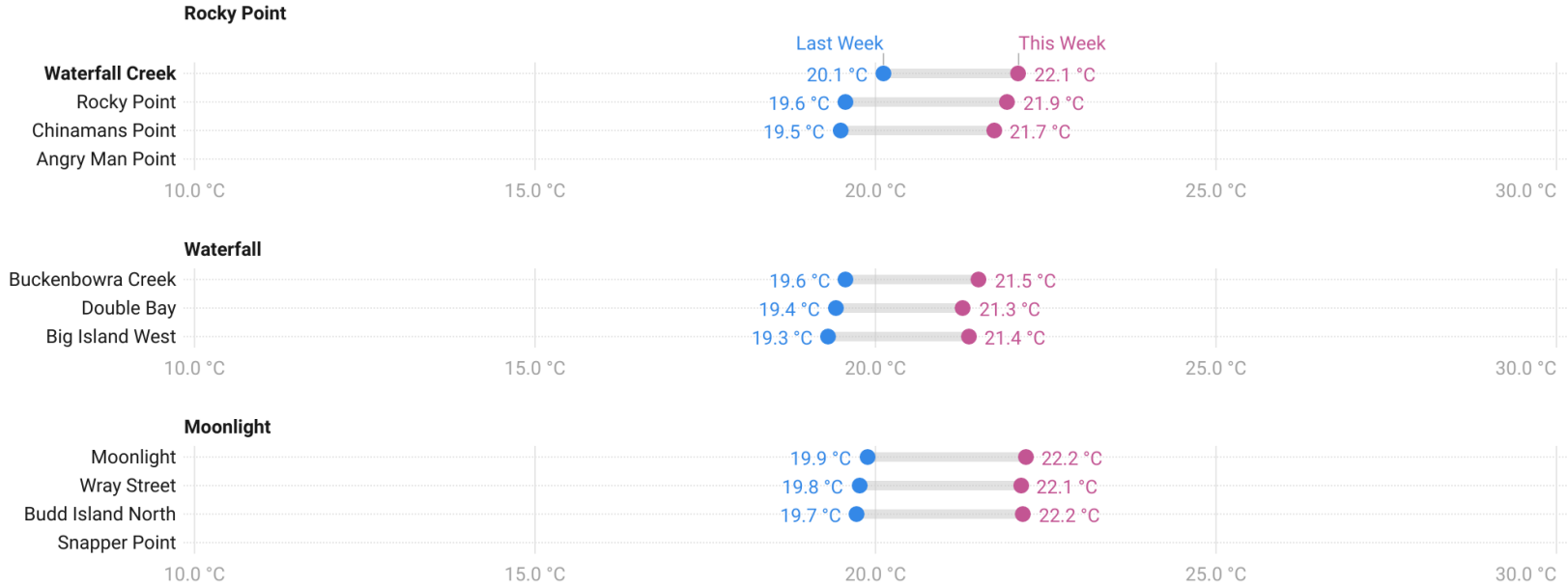
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Moonlight	21.3 °C	21.8 °C	21.9 °C	22.2 °C	22.5 °C	22.9 °C	23.0 °C
Wray Street	21.3 °C	21.7 °C	21.8 °C	22.1 °C	22.5 °C	22.8 °C	23.0 °C
Budd Island North	21.3 °C	21.8 °C	21.9 °C	22.1 °C	22.4 °C	22.9 °C	23.0 °C
Snapper Point							

Temperature is displayed in degrees Celsius (°C)

Source: FarmDecisionTECH • Created with Datawrapper

## Fortnightly Average Temperature Trend

Comparison between this weeks average temperature and the average temperature last week.

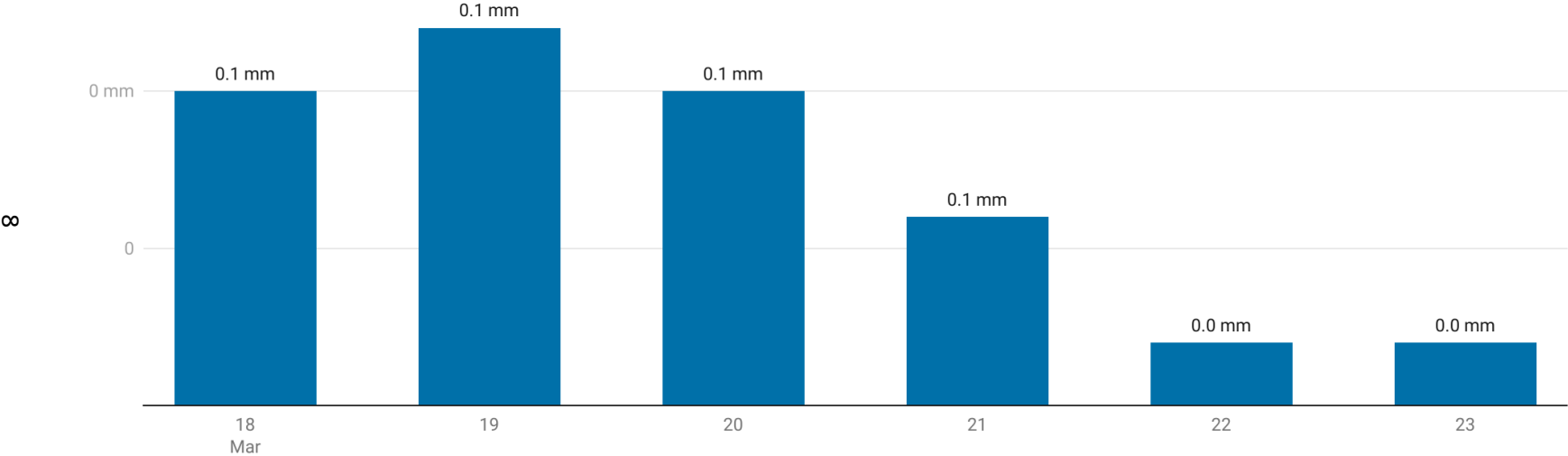


Temperature is displayed in degrees Celsius (°C)  
Source: FarmDecisionTECH • Created with Datawrapper



# 7-Day Clyde River Precipitation

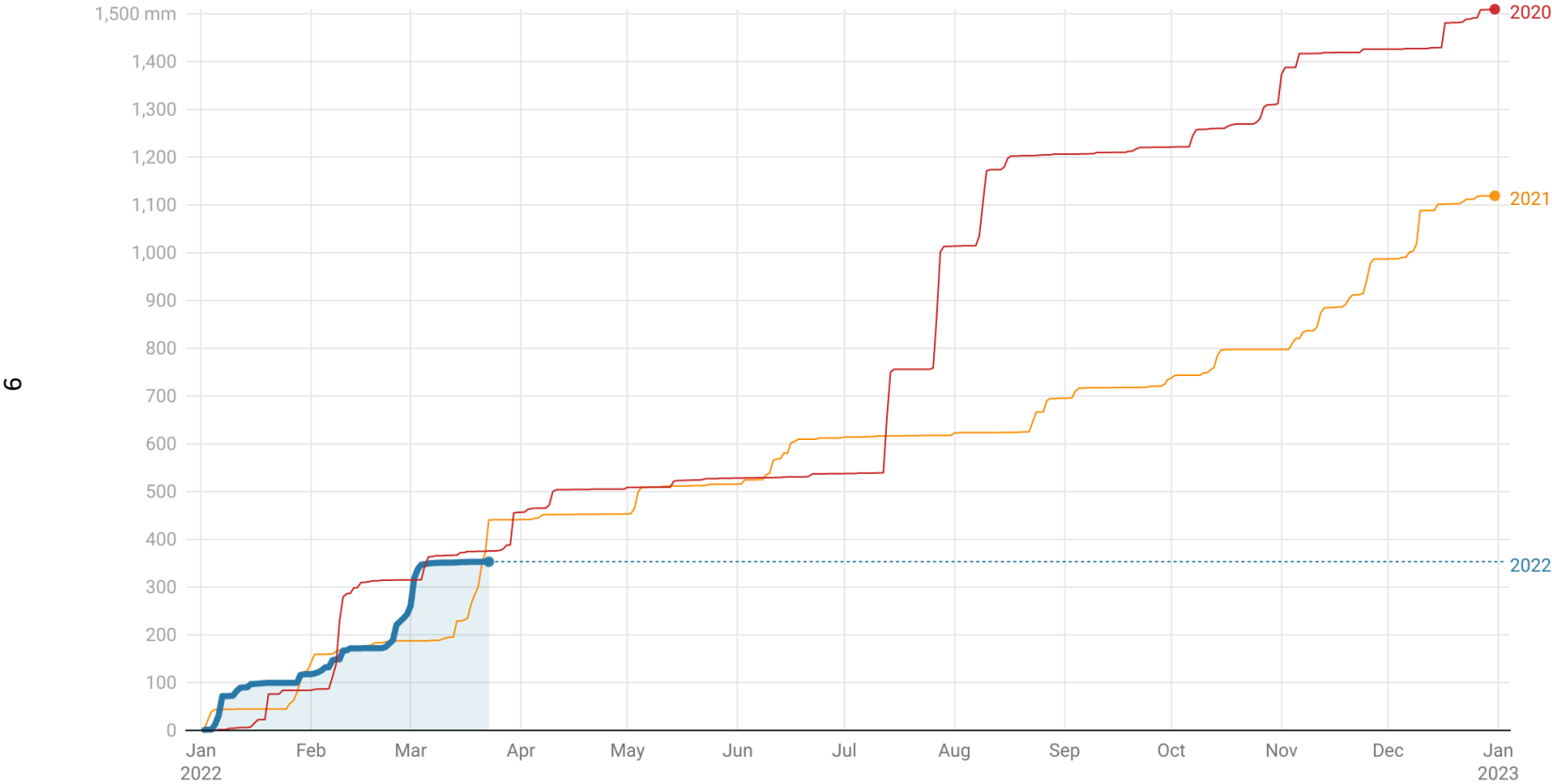
Daily total precipitation. Weather station is located on Budd Island.



Precipitation is measured in millimeters (mm). 1 mm of rainfall is equal to 1 litre of water per meter squared.  
Source: FarmDecisionTECH • Created with Datawrapper

# Year-to-Date Precipitation

Accumulation of rainfall since the start of the year. Other years are shown in reference to this year.



Rainfall is displayed in millimetres (mm).

Created with Datawrapper