

Jeparit Waterwatch data from 1995 – 2025

JWW has had many sites, based on its focus through Jeparit. These are some of the key ones, but there were also nearby farm dams, sites further away, and places around Lake Hindmarsh during the 1990s when it supported a professional fishery.

This collation is a quick summary of the some of the data that has been collected by JWW over 30 years. It is intended to give a indication of what has collected and what changes can be detected in the data over this 30 years when climate change and the damming of many tributaries in the upper catchment began to affect the lower Wimmera River. Weblinks are given for each site for more details.

I apologize for the lack of scales on these charts, but there are none on the WWDB from which they have been copied. The median and latest readings will give you a guide to the values on each chart. To get charts with scales, go the weblinks, then choose 'customise charts'. To get maximum and minimum values, go to the 'reports' tab and choose 'site statistics'.

Catchment fed dam Jeparit- dam no 1 at Frank Pitts

WI_DJP100

Hardness [Explain for me](#)
04-04-2004 to 11-08-2004



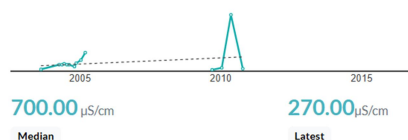
Temperature - WATER [Explain for me](#)
10-09-2009 to 12-05-2010



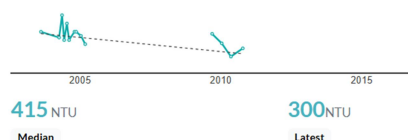
pH [Explain for me](#)
13-08-2003 to 13-10-2010



Electrical Conductivity [Explain for me](#)
13-08-2003 to 13-10-2010



Turbidity - NTU [Explain for me](#)
13-08-2003 to 13-10-2010



Maximum EC's = May 2010 6,080 ECs

<https://ww-data.waterwatch.org.au/site/1003545>

Antwerp bridge, WI_WIM830

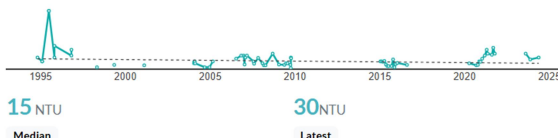
Temperature - WATER [Explain for me](#)
29-04-1998 to 14-05-2024



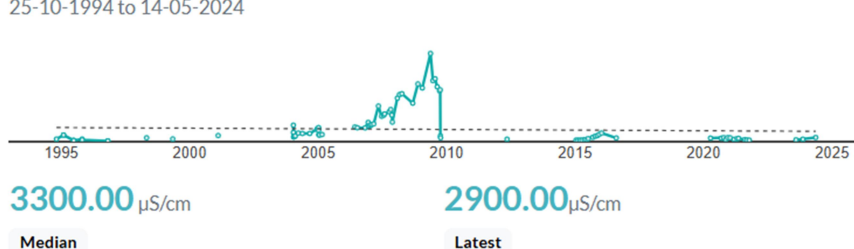
pH [Explain for me](#)
23-10-1996 to 14-05-2024



Turbidity - NTU [Explain for me](#)
25-10-1994 to 14-05-2024



Electrical Conductivity [Explain for me](#)
25-10-1994 to 14-05-2024

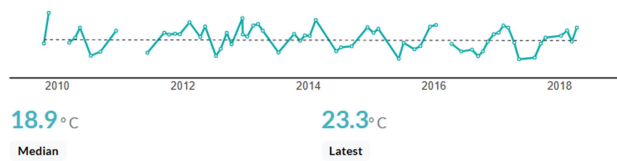


Maximum EC's = May 2009 61,400 ECs

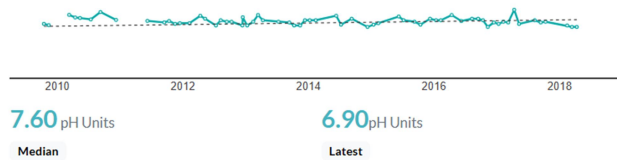
<https://ww-data.waterwatch.org.au/site/1003496>

Tarranyurk, southwest side of bridge, WI_WIM870

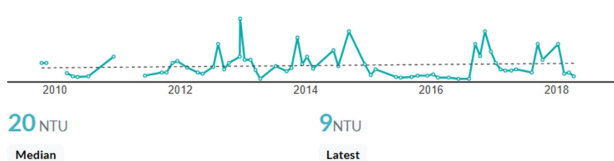
Temperature - WATER [Explain for me](#)
14-10-2009 to 11-04-2018



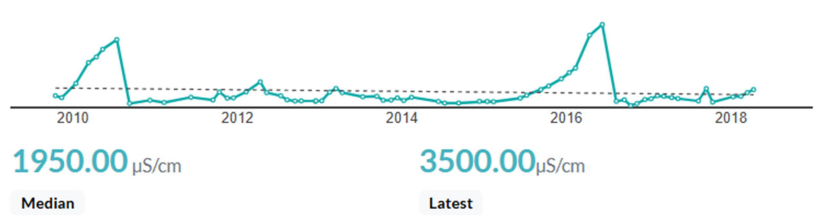
pH [Explain for me](#)
14-10-2009 to 11-04-2018



Turbidity - NTU [Explain for me](#)
14-10-2009 to 11-04-2018



Electrical Conductivity [Explain for me](#)
14-10-2009 to 11-04-2018



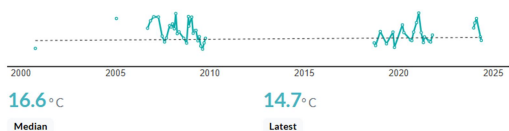
Maximum EC's = June 2016 16,200 ECs

<https://ww-data.waterwatch.org.au/site/1004861>

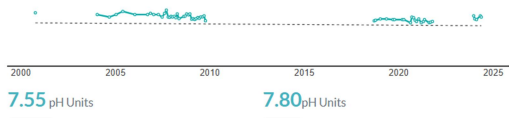
Tarranyurk on north side of Bridge WI_WIM871

Note that this and WIM870 are almost the same being on either side of the bridge but this one became easier to access

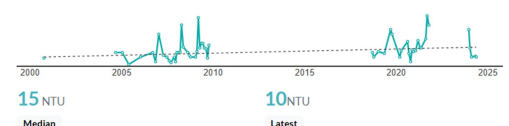
Temperature - WATER [Explain for me](#)
04-10-2000 to 14-05-2024



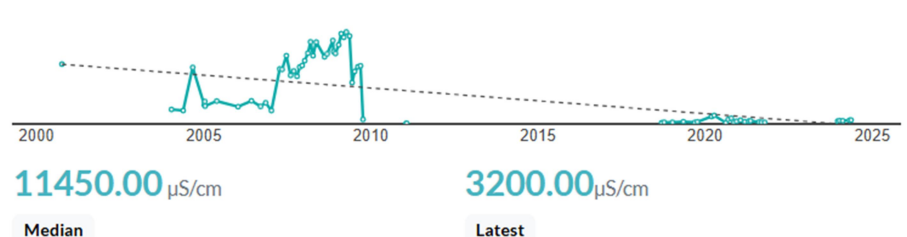
pH [Explain for me](#)
04-10-2000 to 14-05-2024



Turbidity - NTU [Explain for me](#)
04-10-2000 to 14-05-2024



Electrical Conductivity [Explain for me](#)
04-10-2000 to 14-05-2024



Maximum EC's = April 2009 75,600 ECs

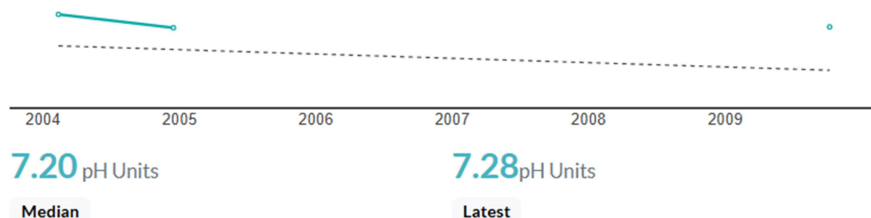
<https://ww-data.waterwatch.org.au/site/1003544>

Wimmera River at Tarranyurk cliffs WI_WIM880

This site is included because salty water seeped from the cliffs into the River in the Millenium Drought.

pH [Explain for me](#)

11-02-2004 to 07-10-2009



On the webpage, the data points can be clicked on. These are:

Feb 2004, 7700 ECs

Dec 2004 62,800 ECs

Jan 2005 70,000 ECs

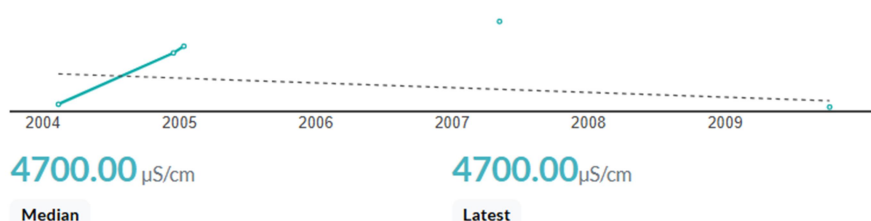
May 2007 96,600 ECs

Oct 2009 4,700 ECs

(I cannot explain why the median is 4700 ECs; the mean for this site is ~48,000ECs)

Electrical Conductivity [Explain for me](#)

11-02-2004 to 07-10-2009



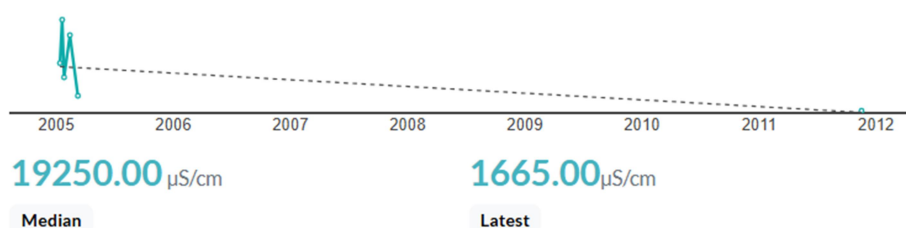
Maximum EC's = Jan 2005 70,000 ECs

<https://ww-data.waterwatch.org.au/site/1003563>

Tarranyurk, Ille's. WI_WIM885

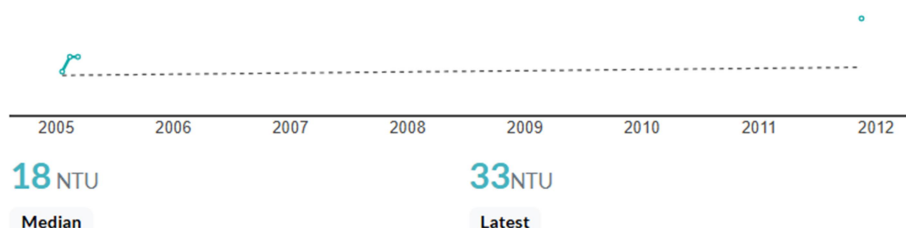
Electrical Conductivity [Explain for me](#)

12-01-2005 to 16-11-2011



Turbidity - NTU [Explain for me](#)

19-01-2005 to 16-11-2011



Maximum EC's = Jan 2005 68,000 ECs

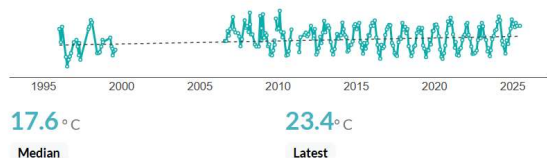
<https://ww-data.waterwatch.org.au/site/1003562>

Museum WI_WIM910

Note that this is the key site- as it's the first one downstream in the Jeparit weir pool. It was first monitored by David Livingston, and carried on by Martin Stone.

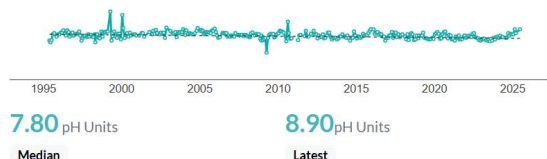
Temperature - WATER [Explain for me](#)

09-01-1996 to 18-06-2025



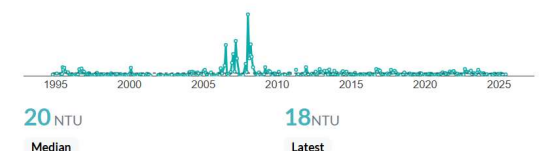
pH [Explain for me](#)

23-05-1995 to 18-06-2025



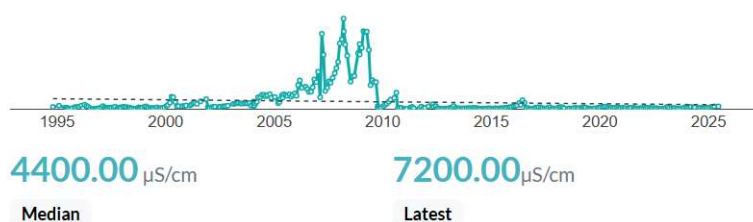
Turbidity - NTU [Explain for me](#)

25-10-1994 to 18-06-2025



Electrical Conductivity [Explain for me](#)

25-10-1994 to 18-06-2025



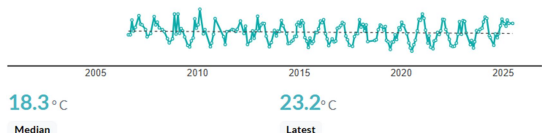
Maximum ECs = March 2004, 224,400 EC's

<https://ww-data.waterwatch.org.au/site/1003462>

Sandy Point WI_WIM920 238

Temperature - WATER [Explain for me](#)

09-08-2006 to 18-06-2025



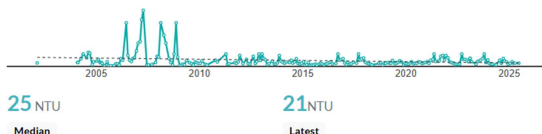
pH [Explain for me](#)

19-02-2002 to 14-03-2025

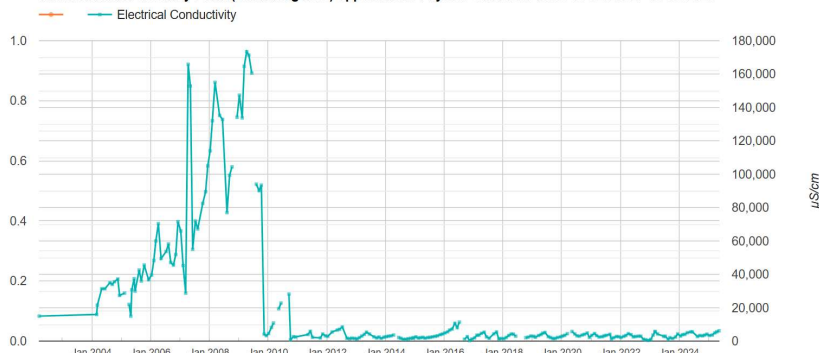


Turbidity - NTU [Explain for me](#)

19-02-2002 to 18-06-2025



Wimmera River at Sandy Point (swimming hole) opp Altmans Physico Chemical Tests 19-02-2002 - 18-06-2025



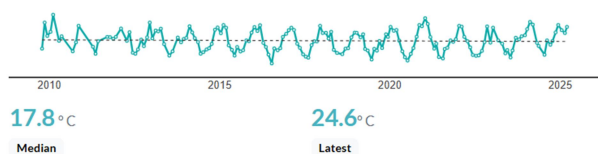
Maximum EC's = March 2009 173,400 EC's

<https://ww-data.waterwatch.org.au/site/1003549>

Daphne St backwater WI_WIM925

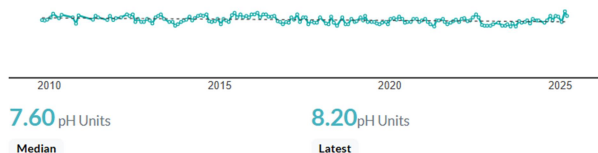
Temperature - WATER [Explain for me](#)

14-10-2009 to 14-03-2025



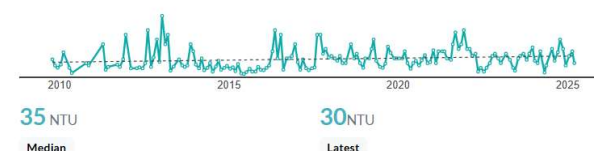
pH [Explain for me](#)

14-10-2009 to 14-03-2025



Turbidity - NTU [Explain for me](#)

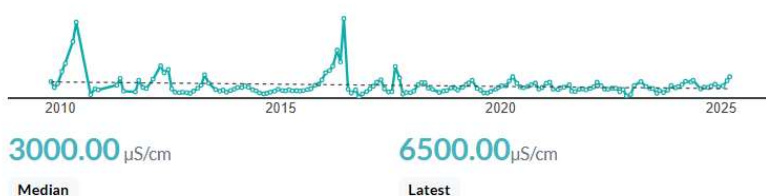
14-10-2009 to 14-03-2025



This site was dry on and off through most of the Millenium Drought.

Electrical Conductivity [Explain for me](#)

14-10-2009 to 14-03-2025



Maximum EC's = June 2016 24,400ECs

<https://ww-data.waterwatch.org.au/site/2310233>

Upper Roy St WI_WIM930

Note that this was David Livingston's key site – as it was beside his house and when the new pontoon was put in at the boat ramp, and David had died, this site was transferred to WIM933.

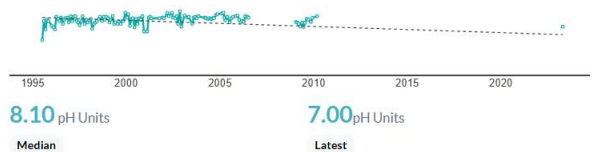
Temperature - WATER [Explain for me](#)

09-01-1996 to 19-04-2023



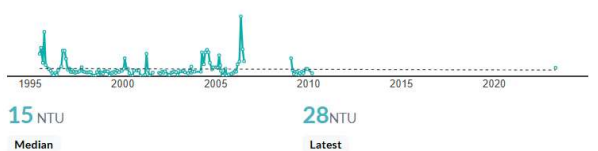
pH [Explain for me](#)

11-07-1995 to 19-04-2023



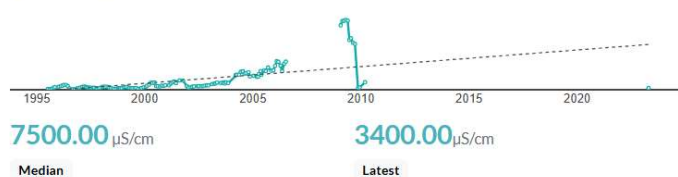
Turbidity - NTU [Explain for me](#)

11-07-1995 to 19-04-2023



Electrical Conductivity [Explain for me](#)

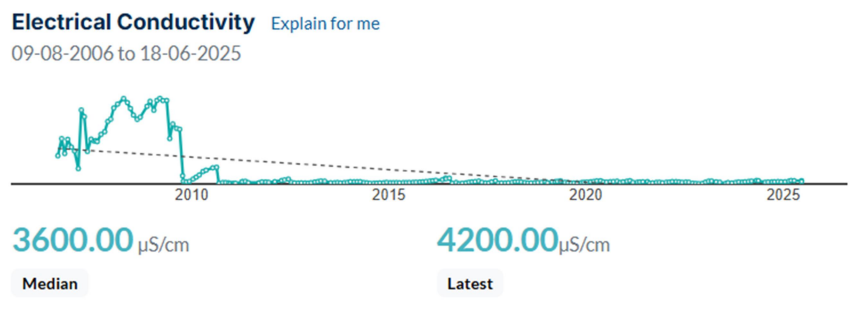
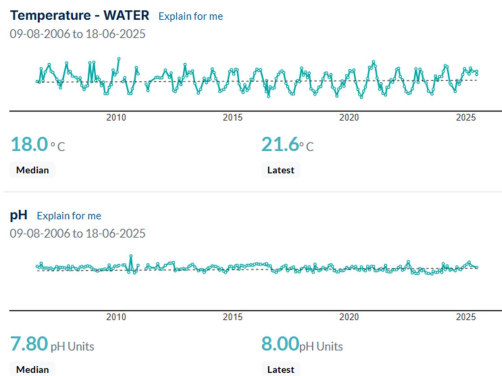
11-07-1995 to 19-04-2023



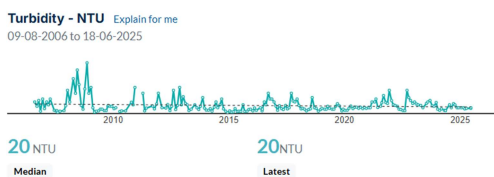
Maximum EC's April 2009 143,300 EC's

<https://ww-data.waterwatch.org.au/site/1003463>

Jeparit Boat Ramp WI_WIM933



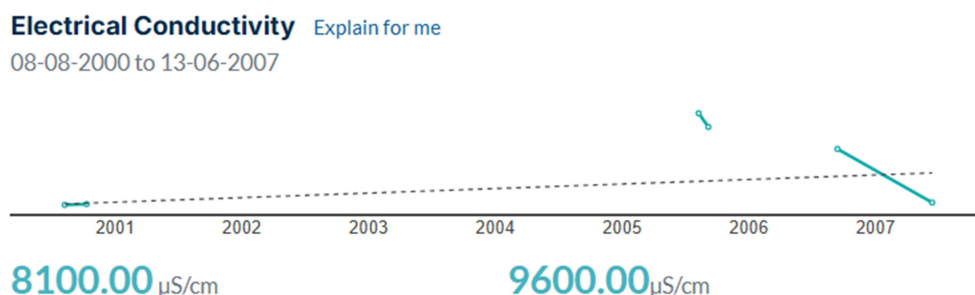
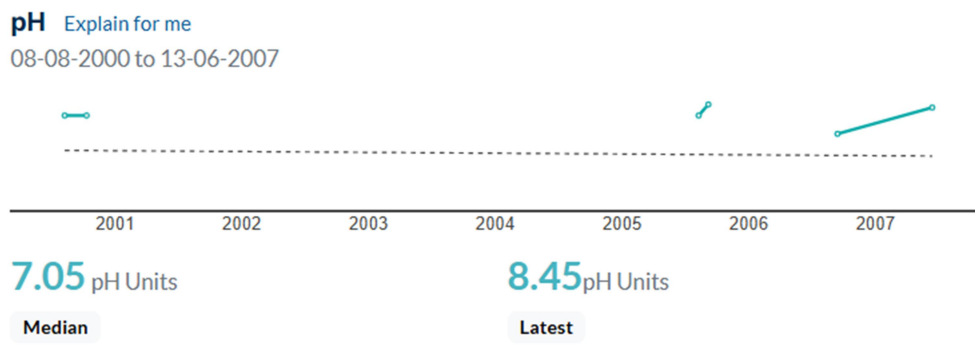
Maximum EC's = March 2009 146,400 ECs



<https://ww-data.waterwatch.org.au/site/1003578>

Showgrounds Meander WI_WIM937

Showgrounds meander was monitored by Jeparit Primary School, during the Millenium Drought, when it dried out.



Maximum EC's =
August 2005 78,600
ECs

<https://ww-data.waterwatch.org.au/site/1003497>

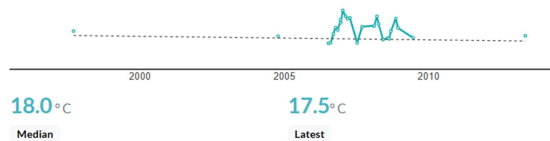
Showgrounds WI_WIM940 and WI_WIM940_RD

Showgrounds monitoring site at WIM940 and WIM940_RD are the same place- and the monitoring site of Jeparit Primary School, under a series of environmentally inspiring teachers. The River Detectives program, which replaced Waterwatch in schools, required being identified as such.

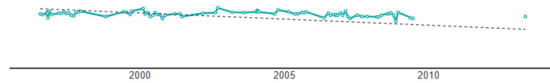
Hardness [Explain for me](#)
14-11-2000 to 12-11-2008



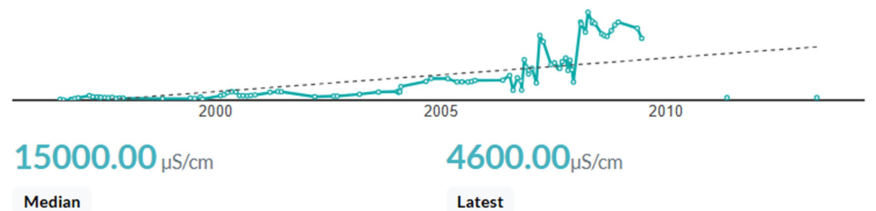
Temperature - WATER [Explain for me](#)
12-09-1997 to 09-05-2013



pH [Explain for me](#)
17-07-1996 to 09-05-2013



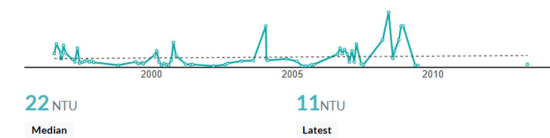
Electrical Conductivity [Explain for me](#)
17-07-1996 to 09-05-2013



Maximum EC's = April 2008 155,000 ECs

<https://ww-data.waterwatch.org.au/site/1003498>

Turbidity - NTU [Explain for me](#)
17-07-1996 to 09-05-2013



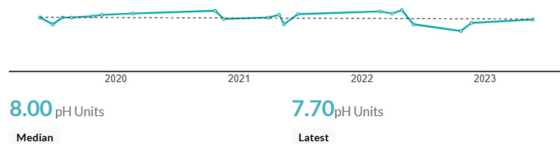
WIM940_RD

From 2019 To 2025

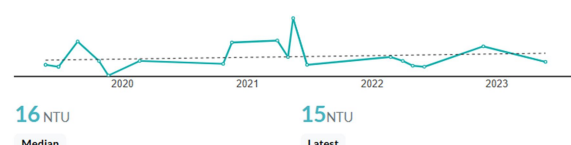
Temperature - WATER [Explain for me](#)
23-10-2019 to 23-05-2023



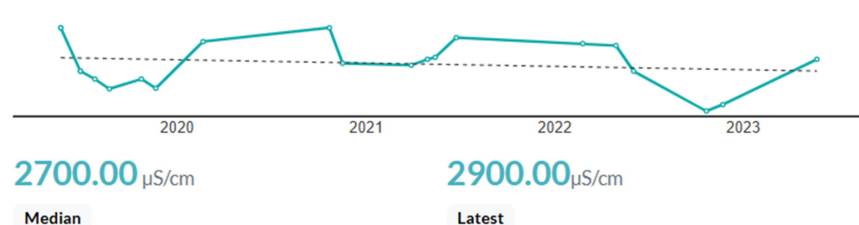
pH [Explain for me](#)
20-05-2019 to 23-05-2023



Turbidity - NTU [Explain for me](#)
20-05-2019 to 23-05-2023



Electrical Conductivity [Explain for me](#)
20-05-2019 to 23-05-2023



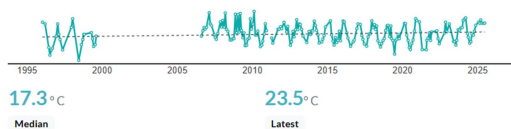
Maximum EC's = May 2019 and October 2020, 4,500 ECs

<https://ww-data.waterwatch.org.au/site/2310351>

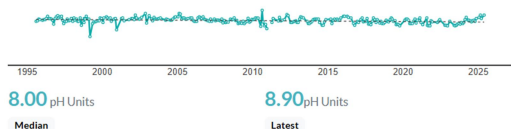
Old Traffic Bridge WI_WIM970

This site was a good fishing spot and so a key interest of Col Clee from the 1990s

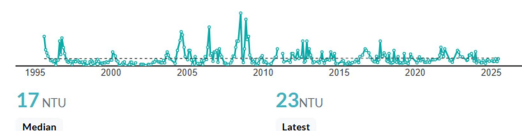
Temperature - WATER [Explain for me](#)
09-01-1996 to 18-06-2025



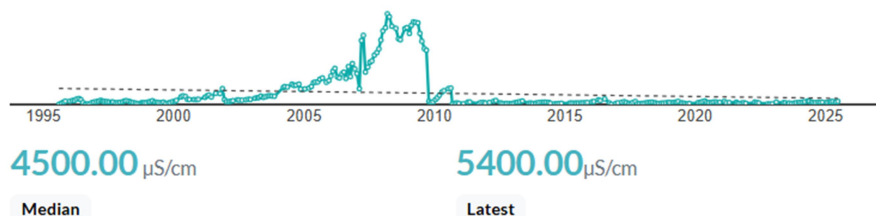
pH [Explain for me](#)
08-08-1995 to 20-05-2025



Turbidity - NTU [Explain for me](#)
08-08-1995 to 18-06-2025



Electrical Conductivity [Explain for me](#)
08-08-1995 to 18-06-2025



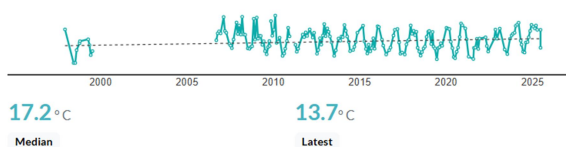
Maximum EC's = March 2008 159,600 ECs

<https://ww-data.waterwatch.org.au/site/1003464>

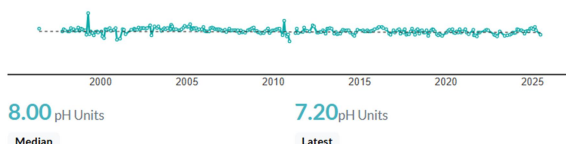
In the 1990s, the weir site was monitored at three levels to try to see if the water mixed or had layers of water quality differences within it. It didn't, so the three level monitoring was stopped. WIM 980 and WIM 981 are at the same spot.

Jeparit weir - upper level of water WI_WIM980

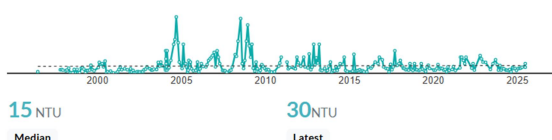
Temperature - WATER [Explain for me](#)
09-12-1997 to 18-06-2025



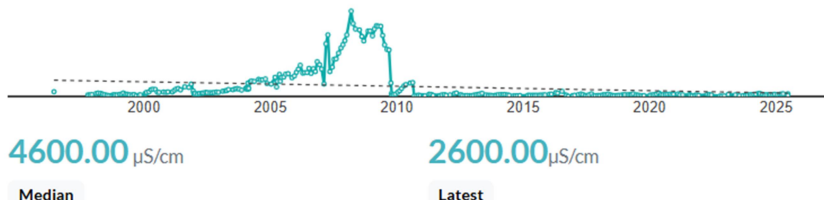
pH [Explain for me](#)
11-06-1996 to 18-06-2025



Turbidity - NTU [Explain for me](#)
11-06-1996 to 18-06-2025



Electrical Conductivity [Explain for me](#)
11-06-1996 to 18-06-2025



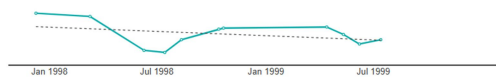
Maximum EC's = March 2008 175,200 ECs

<https://ww-data.waterwatch.org.au/site/1003465>

Jeparit Weir, lowest level of wim980 WI_WIM981

Temperature - WATER [Explain for me](#)

09-12-1997 to 13-07-1999



14.5 °C

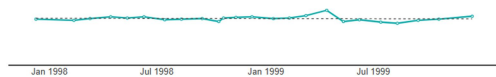
Median

12.0 °C

Latest

pH [Explain for me](#)

09-12-1997 to 14-12-1999



7.9 pH Units

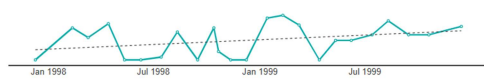
Median

8.30 pH Units

Latest

Turbidity - NTU [Explain for me](#)

09-12-1997 to 14-12-1999



11 NTU

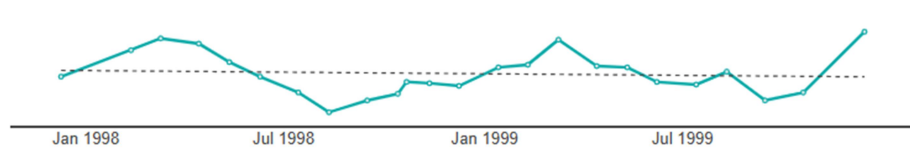
Median

14 NTU

Latest

Electrical Conductivity [Explain for me](#)

09-12-1997 to 14-12-1999



3800.00 µS/cm

Median

7200.00 µS/cm

Latest

Maximum EC's = Dec 1999 7,200 ECs

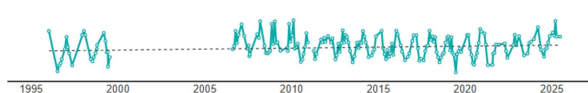
<https://ww-data.waterwatch.org.au/site/1003466>

Ski Boat Ramp, Lake Hindmarsh WI_WIM998

Note that this is the last site on the River that is monitored and the only one downstream of the weir.

Temperature - WATER [Explain for me](#)

09-01-1996 to 18-06-2025



16.8 °C

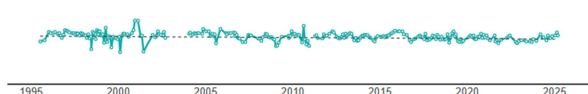
Median

22.2 °C

Latest

pH [Explain for me](#)

11-07-1995 to 14-03-2025



8.10 pH Units

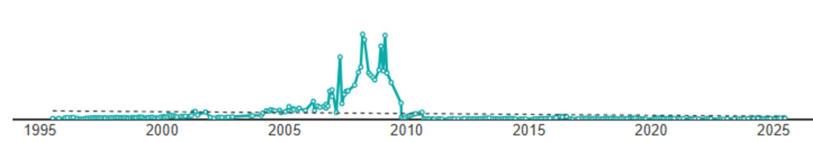
Median

8.20 pH Units

Latest

Electrical Conductivity [Explain for me](#)

11-07-1995 to 18-06-2025



5600.00 µS/cm

Median

5900.00 µS/cm

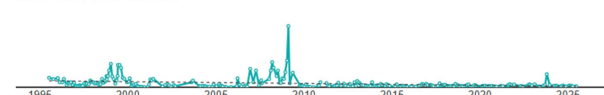
Latest

Maximum EC's = March 2008 342,000 ECs

<https://ww-data.waterwatch.org.au/site/1003467>

Turbidity - NTU [Explain for me](#)

11-07-1995 to 18-06-2025



33 NTU

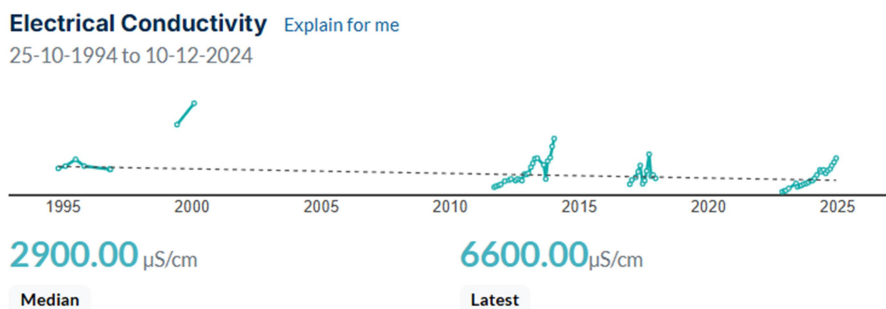
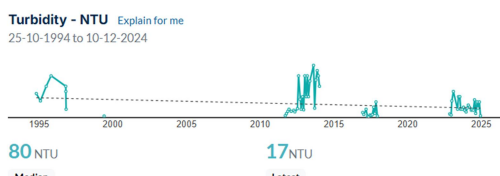
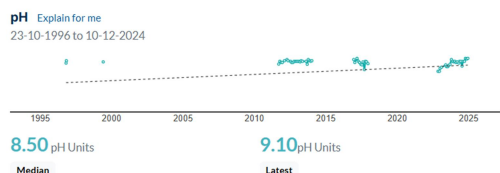
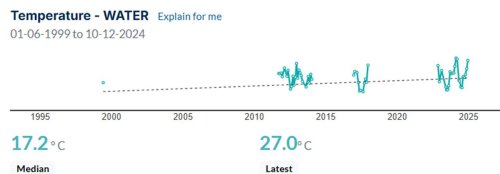
Median

18 NTU

Latest

Lake Hindmarsh, Picnic Point WI_LHM400

Note that this began as Alan McKenzie's site, then Frank Pitt, and later Sue Afford and grandson Jai Littlejohn's. It has native vegetation as well as the water to monitor, where as LHM600 has less left.

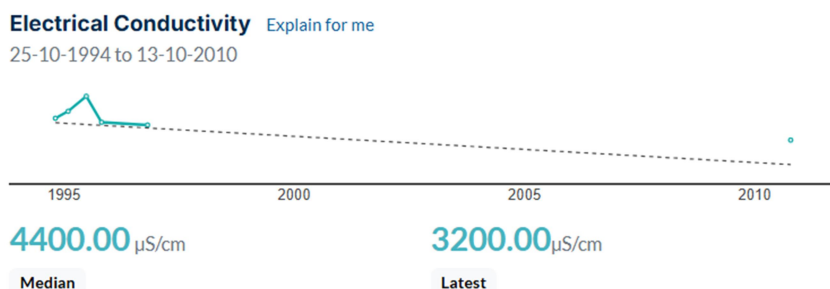
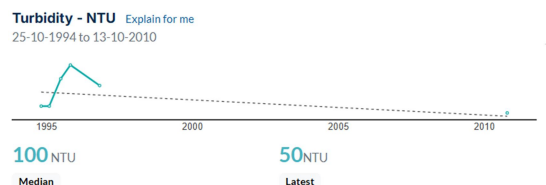
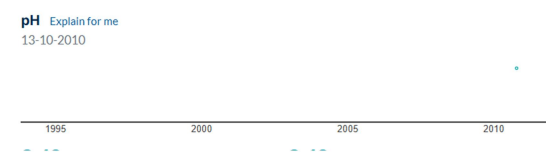
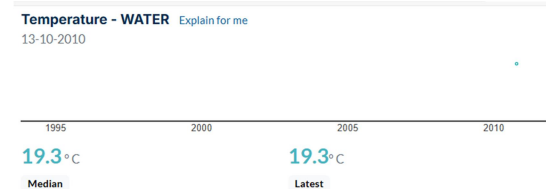


Maximum EC's = Jan 2000 16,400 ECs

Note that the Lake has a lower salinity than the River as it becomes separated from it when water stops running and it is evaporating, rising only when it is very shallow.

<https://ww-data.waterwatch.org.au/site/1003217>

Lake Hindmarsh, Four Mile Beach WI_LHM600



Maximum EC's = June 1995 6,400 ECs

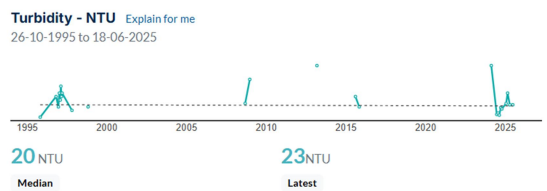
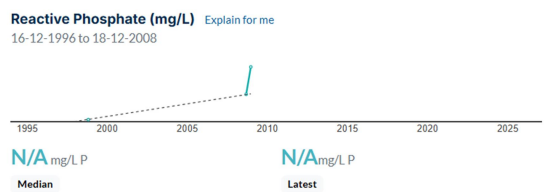
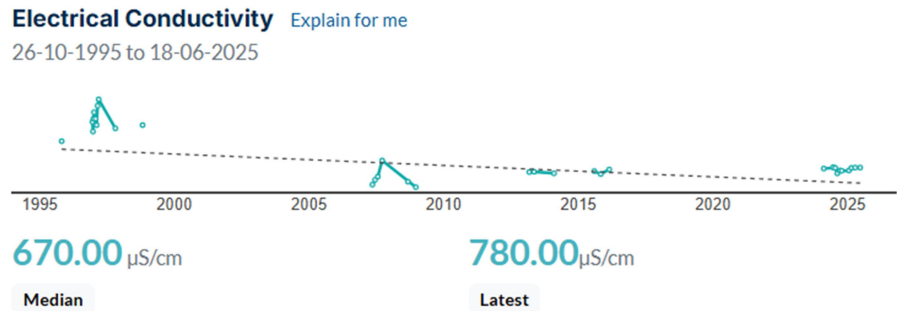
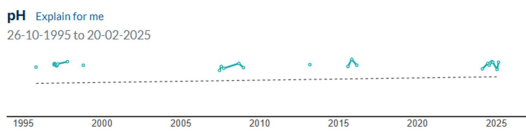
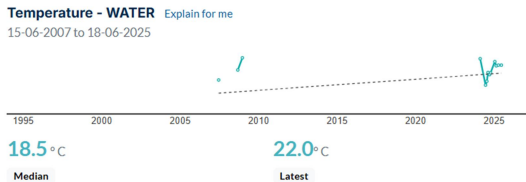
Note that the Lake has a lower salinity than the River as it becomes separated from it when water stops running and it is evaporating, rising only when it is very shallow.

<https://ww-data.waterwatch.org.au/site/1003651>

Yarriambiack Creek sites

Lake Lascelles, Hopetoun, at Picnic area WI_LLS500

Note that with Sue Afford, Frank Pitt's daughter, coming from Hopetoun for regular monitoring, she decided to also bring Lake Lascelles water, which could



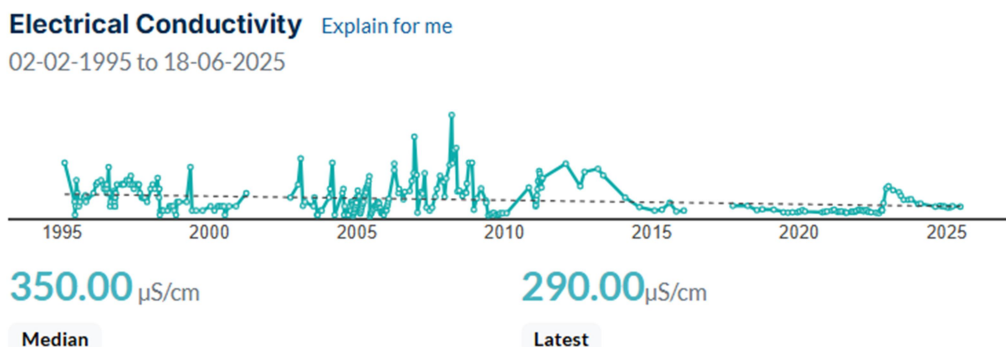
follow up monitoring from earlier years.

Maximum EC's = March 1997 2,900 ECs

<https://ww-data.waterwatch.org.au/site/1003514>

Yarriambiack Creek, Warracknabeal @ Lions Park Bridge E bank WI_YRM450

Note that as Jeanie, and Michael Clark (until about 1910), came from Warracknabeal for regular monitoring, she decided to also bring Yarriambiack Ck water, giving a 'fresh water' comparison. This site was the first for the Wimmera and has data for 11 phys/chem parameters , plus habitat and water creatures recorded.



Maximum EC's =
March 2008 2,800
ECs

<https://ww-data.waterwatch.org.au/site/1003232>

Yarriambiack Creek, Warracknabeal @ Lions Park Bridge

WI_YRM450 Wimmera Catchment

Yarriambiack Creek Sub Catchment

Active Reach: 15_22 Yarriambiack Creek



Downstream



Acrossstream



Upstream

Water Bugs

WaterWatch Method

17-11-2005 - 19-04-2011

Date	Taxa Count	Total score	Rating
April 2011	127	29	Poor
April 2011	335	40	Very Good
March 2011	703	27	Fair
March 2011	650	36	Very Good
March 2011	229	36	Very Good
March 2011	68	23	Poor
February 2011	17	24	Poor
February 2011	127	32	Poor
February 2011	18	13	Poor
February 2011	6	20	Poor
September 2008	151		N/A
October 2007	809	32	Fair
November 2005	92	28	Poor

Physical Chemical Tests

