

13 October 2023

File Ref: OIAPR-1274023063-23897



Tēnā koe

Request for information

I refer to your request for information dated 18 September 2023, which was received by Greater Wellington Regional Council (Greater Wellington) on 18 September 2023. You have requested the following:

“Any water temperature data for the Wainuiomata River recorded over the past five years, including the location, dates, times and corresponding temperature readings. Any reports, studies, or analysis conducted by the Council that reference or discuss the water temperature of the Wainuiomata River. An explanation of why the Council no longer publishes a continuous record of water temperatures of the Wainuiomata River at Leonard Wood Park on its website.”

Greater Wellington’s response follows:

Attachment 1 is temperature data available for the Wainuiomata River at Manuka Track. This is the only site which contains temperature data after 2013 and is monitored as part of our River Water Quality and Ecology network. This data represents spot measurements rather than continuous data.

We have not conducted any studies or analysis of water temperature in the Wainuiomata River.

Water temperature was collected at Wainuiomata River at Leonard Wood Park as it was needed to operate the pressure transducer to calculate river flow. The newer flow sensor did not require temperature to be monitored and so there was no longer temperature data collected at that site.

The Wainuiomata River at Manuka Track hydrology site has the capability of monitoring continuous temperature as there is a pressure transducer at this site. Temperature is being measured at Wainuiomata River at Manuka Track (as of July 5 2023) and is now available on our live data viewer. <https://graphs.gw.govt.nz/?siteName=Wainuiomata%20River%20at%20Manuka%20Track&dataSource=Water%20Temperature>

If you have any concerns with the decision(s) referred to in this letter, you have the right to request an investigation and review by the Ombudsman under section 27(3) of the Local Government Official Information and Meetings Act 1987.

Please note that it is our policy to proactively release our responses to official information requests where possible. Our response to your request will be published shortly on Greater Wellington's website with your personal information removed.

Nāku iti noa, nā



Lian Butcher
Kaiwhakahaere Matua Rōpū Taiao | Group Manager Environment

Site Name	Easting	Northing	Date	Time	Water Temp (deg C)
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/07/1997	10:55:00 am	7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	26/08/1997	10:40:00 am	9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/09/1997	10:35:00 am	9.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/10/1997	10:44:00 am	11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/11/1997	10:35:00 am	14
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/12/1997	10:30:00 am	15.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	28/01/1998	10:35:00 am	20.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/02/1998	10:25:00 am	21.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/03/1998	10:30:00 am	16.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	22/04/1998	10:59:00 am	13.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/05/1998	10:41:00 am	9.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/06/1998	10:35:00 am	9.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	22/07/1998	10:49:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/08/1998	10:38:00 am	8.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	17/09/1998	10:35:00 am	12.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/11/1998	10:35:00 am	11.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/11/1998	10:35:00 am	15.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/12/1998	10:38:00 am	19
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/01/1999	10:29:00 am	19.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	17/02/1999	10:45:00 am	19.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/03/1999	11:02:00 am	16.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	22/04/1999	10:43:00 am	15.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/05/1999	10:40:00 am	9.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/06/1999	10:42:00 am	7.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	28/07/1999	11:15:00 am	7.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/08/1999	10:58:00 am	7.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	23/09/1999	10:34:00 am	10
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/10/1999	10:10:00 am	13.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/11/1999	10:31:00 am	14.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/12/1999	10:43:00 am	14.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/01/2000	10:57:00 am	20.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	27/04/2000	10:34:00 am	10.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	25/05/2000	10:40:00 am	11.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	30/06/2000	12:00:00 am	11.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/07/2000	10:53:00 am	9.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	23/08/2000	10:43:00 am	8.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/09/2000	10:35:00 am	13.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	25/10/2000	11:21:00 am	14.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/11/2000	10:57:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	14/12/2000	10:43:00 am	18.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/01/2001	10:48:00 am	16.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/02/2001	10:58:00 am	20.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/03/2001	10:45:00 am	16.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/04/2001	10:51:00 am	14.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/05/2001	11:07:00 am	13.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	14/06/2001	11:11:00 am	10.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/07/2001	11:26:00 am	7.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/08/2001	10:59:00 am	11.9

Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/09/2001	11:15:00 am	11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/10/2001	11:55:00 am	10
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/11/2001	11:48:00 am	12.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/12/2001	11:40:00 am	11.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/01/2002	11:35:00 am	16.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	14/02/2002	11:50:00 am	12.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	14/03/2002	11:45:00 am	17.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/04/2002	11:07:00 am	13.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/05/2002	11:15:00 am	13.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/06/2002	11:29:00 am	12.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/07/2002	11:26:00 am	9.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/08/2002	11:14:00 am	10.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/09/2002	11:08:00 am	11.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/10/2002	11:12:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/11/2002	11:57:00 am	15.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/12/2002	11:38:00 am	13.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/01/2003	11:19:00 am	16.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	14/02/2003	11:26:00 am	19
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/03/2003	11:04:00 am	17.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/04/2003	11:04:00 am	14.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/05/2003	11:18:00 am	11.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/06/2003	11:01:00 am	10.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/07/2003	1:10:00 pm	8.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/08/2003	10:53:00 am	8.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/09/2003	3:00:00 pm	11.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/10/2003	12:32:00 pm	10.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/11/2003	1:52:00 pm	14.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	28/11/2003	12:52:00 pm	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/01/2004	12:56:00 pm	20
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/02/2004	12:25:00 pm	17.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/04/2004	10:40:00 am	14.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/05/2004	11:10:00 am	14.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/06/2004	9:05:00 am	12
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/07/2004	11:30:00 am	7.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/08/2004	12:00:00 pm	9.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/09/2004	11:30:00 am	11.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/10/2004	8:55:00 am	11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/11/2004	11:40:00 am	16.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/12/2004	9:30:00 am	14.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	31/01/2005	10:30:00 am	18.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/02/2005	10:30:00 am	19.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/03/2005	1:35:00 pm	17.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/04/2005	12:32:00 pm	13.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/05/2005	10:53:00 am	13
Wainuiomata River Dnstr of White Bridge	1757315	5415739	20/06/2005	11:02:00 am	10.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/07/2005	11:35:00 am	9.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	22/08/2005	11:06:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	23/09/2005	10:48:00 am	11.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	28/10/2005	10:45:00 am	15.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/11/2005	10:50:00 am	16.6

Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/12/2005	7:30:00 am	18.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	27/01/2006	9:30:00 am	16.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	24/02/2006	9:30:00 am	15.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	27/03/2006	12:30:00 pm	15
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/04/2006	11:45:00 am	14.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	25/05/2006	12:55:00 pm	11.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/06/2006	11:35:00 am	9.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/07/2006	8:10:00 am	10.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/08/2006	12:15:00 pm	9.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/09/2006	12:35:00 pm	13.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/10/2006	12:35:00 pm	12.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/11/2006	12:40:00 pm	14.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/12/2006	12:30:00 pm	15.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/01/2007	11:50:00 am	19.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/02/2007	12:00:00 pm	21
Wainuiomata River Dnstr of White Bridge	1757315	5415739	19/03/2007	1:40:00 pm	18.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/04/2007	12:31:00 pm	15.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/05/2007	12:37:00 pm	14.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/06/2007	12:38:00 pm	10.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/07/2007	12:21:00 pm	11.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/08/2007	12:36:00 pm	10.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/09/2007	12:21:00 pm	12.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/10/2007	12:31:00 pm	13.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/11/2007	12:31:00 pm	17.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/12/2007	12:42:00 pm	17.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/01/2008	12:10:00 pm	17.59
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/02/2008	10:50:00 am	19.82
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/03/2008	10:45:00 am	15.57
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/04/2008	11:00:00 am	16.96
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/05/2008	11:20:00 am	10.61
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/06/2008	11:30:00 am	9.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/07/2008	12:00:00 pm	8.36
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/08/2008	11:45:00 am	10.38
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/09/2008	11:55:00 am	10.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/10/2008	11:30:00 am	10.52
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/11/2008	11:25:00 am	12.56
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/12/2008	10:15:00 am	18.43
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/01/2009	11:15:00 am	18.05
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/02/2009	10:40:00 am	19.59
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/03/2009	10:15:00 am	17.25
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/04/2009	11:20:00 am	13.08
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/05/2009	9:55:00 am	9.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/06/2009	12:00:00 pm	8.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/07/2009	11:00:00 am	8.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/08/2009	11:20:00 am	9.27
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/09/2009	11:10:00 am	9.11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/10/2009	11:25:00 am	8.11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/11/2009	10:45:00 am	12.71
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/12/2009	10:35:00 am	13.81
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/01/2010	9:55:00 am	15.81

Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/02/2010	11:50:00 am	15.98
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/03/2010	12:20:00 pm	16.71
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/04/2010	10:05:00 am	12.04
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/05/2010	10:10:00 am	12.47
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/06/2010	12:25:00 pm	9.58
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/07/2010	1:15:00 pm	9.45
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/08/2010	12:15:00 pm	9.69
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/09/2010	11:40:00 am	11.74
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/10/2010	1:40:00 pm	12.67
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/11/2010	11:30:00 am	13.64
Wainuiomata River Dnstr of White Bridge	1757315	5415739	30/11/2010	11:35:00 am	18.22
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/01/2011	11:10:00 am	18.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/02/2011	1:10:00 pm	19.58
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/03/2011	1:15:00 pm	18.36
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/04/2011	12:20:00 pm	13.13
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/05/2011	1:00:00 pm	13.11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/06/2011	1:20:00 pm	10.97
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/07/2011	11:25:00 am	9.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/08/2011	12:55:00 pm	8.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/09/2011	1:30:00 pm	9.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/10/2011	12:50:00 pm	13.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/11/2011	11:40:00 am	14.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	30/11/2011	12:45:00 pm	15.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/01/2012	11:40:00 am	17.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/02/2012	11:10:00 am	16.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/03/2012	11:15:00 am	13.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/04/2012	10:20:00 am	14.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/05/2012	11:20:00 am	10.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/06/2012	9:10:00 am	11.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/07/2012	12:15:00 pm	9.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/08/2012	11:40:00 am	10
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/09/2012	12:05:00 pm	11.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/10/2012	11:40:00 am	12.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/11/2012	12:15:00 pm	17.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/12/2012	11:45:00 am	17.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/01/2013	11:30:00 am	17.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/02/2013	12:15:00 pm	20.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/03/2013	12:50:00 pm	18.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/04/2013	11:30:00 am	17.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/05/2013	1:25:00 pm	13.3
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Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/07/2013	12:30:00 pm	9.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/08/2013	12:30:00 pm	11
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/09/2013	1:10:00 pm	10.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/10/2013	12:20:00 pm	13.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/11/2013	11:15:00 am	13.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/12/2013	11:30:00 am	16.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/01/2014	11:00:00 am	15.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/02/2014	12:15:00 pm	18.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/03/2014	11:10:00 am	16.4

Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/04/2014	11:25:00 am	16
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/05/2014	12:35:00 pm	13.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/06/2014	11:55:00 am	11.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/07/2014	12:35:00 pm	7.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/08/2014	12:35:00 pm	8.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/09/2014	11:50:00 am	11.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/10/2014	12:00:00 pm	11.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/11/2014	11:35:00 am	15.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/12/2014	12:00:00 pm	17.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/01/2015	11:00:00 am	18.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/02/2015	11:10:00 am	19.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/03/2015	1:00:00 pm	20.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/04/2015	11:40:00 am	16.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/05/2015	12:15:00 pm	13.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/06/2015	12:15:00 pm	10.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/07/2015	12:00:00 pm	9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/08/2015	11:35:00 am	9.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/09/2015	11:10:00 am	10.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/10/2015	10:35:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/11/2015	10:40:00 am	12.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/12/2015	10:35:00 am	18.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/01/2016	11:35:00 am	18.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/02/2016	10:35:00 am	21.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/03/2016	11:50:00 am	16.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/04/2016	12:10:00 pm	15.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/05/2016	12:05:00 pm	16.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/06/2016	1:10:00 pm	9.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/07/2016	11:55:00 am	9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/08/2016	11:45:00 am	7.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/09/2016	11:00:00 am	11.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/10/2016	10:30:00 am	13.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/11/2016	9:30:00 am	11.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/12/2016	9:50:00 am	13.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/01/2017	9:50:00 am	14
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/02/2017	9:39:00 am	16.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/03/2017	10:25:00 am	18.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/04/2017	10:35:00 am	13.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/05/2017	11:35:00 am	11.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/06/2017	10:05:00 am	10
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/07/2017	10:50:00 am	9.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/08/2017	12:15:00 pm	8.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/09/2017	11:15:00 am	12.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/10/2017	10:30:00 am	12
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/11/2017	10:10:00 am	15
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/12/2017	10:50:00 am	21.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/01/2018	9:00:00 am	19.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	27/02/2018	10:05:00 am	15.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	16/03/2018	8:30:00 am	16.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/04/2018	11:15:00 am	16.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/05/2018	10:55:00 am	11.6

Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/06/2018	11:15:00 am	9.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/08/2018	11:05:00 am	10.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/09/2018	12:10:00 pm	10.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/10/2018	10:30:00 am	11.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/11/2018	11:45:00 am	14.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/12/2018	11:15:00 am	15.9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/01/2019	11:50:00 am	19.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/02/2019	12:38:00 pm	17
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/03/2019	12:40:00 pm	18
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/04/2019	11:00:00 am	15.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/05/2019	12:00:00 pm	14.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/06/2019	10:35:00 am	9.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/07/2019	10:20:00 am	12.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/08/2019	10:55:00 am	8.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	2/09/2019	12:00:00 pm	11.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/10/2019	10:05:00 am	12.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/11/2019	9:00:00 am	15.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/12/2019	10:05:00 am	15.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	10/01/2020	10:45:00 am	18.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/02/2020	12:40:00 pm	20
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/03/2020	11:30:00 am	18.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	25/05/2020	11:30:00 am	11.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	9/06/2020	10:00:00 am	9
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/07/2020	11:20:00 am	10.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/08/2020	11:50:00 am	10.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	17/09/2020	12:15:00 pm	12.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/10/2020	10:40:00 am	12.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/11/2020	10:55:00 am	11.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	15/12/2020	11:55:00 am	14.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	21/01/2021	12:25:00 pm	14.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/02/2021	11:10:00 am	19.3
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/03/2021	11:30:00 am	14.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	13/04/2021	12:20:00 pm	17.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/05/2021	11:45:00 am	16
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/06/2021	11:30:00 am	12.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/07/2021	12:25:00 pm	10.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/08/2021	12:55:00 pm	8.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/10/2021	10:10:00 am	12.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/11/2021	10:37:00 am	16.7
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/12/2021	11:05:00 am	13.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/01/2022	10:40:00 am	20.02
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/02/2022	10:40:00 am	20.5
Wainuiomata River Dnstr of White Bridge	1757315	5415739	7/03/2022	11:15:00 am	17.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/04/2022	12:40:00 pm	16.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	18/05/2022	11:00:00 am	14.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/06/2022	1:45:00 pm	13.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/07/2022	10:40:00 am	10.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	3/08/2022	11:25:00 am	11.2
Wainuiomata River Dnstr of White Bridge	1757315	5415739	5/09/2022	11:30:00 am	10.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	4/10/2022	11:20:00 am	10.9

Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/11/2022	11:10:00 am	15.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	6/12/2022	10:45:00 am	15.8
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/01/2023	11:15:00 am	16.1
Wainuiomata River Dnstr of White Bridge	1757315	5415739	1/02/2023	11:35:00 am	18.4
Wainuiomata River Dnstr of White Bridge	1757315	5415739	8/03/2023	10:45:00 am	16
Wainuiomata River Dnstr of White Bridge	1757315	5415739	11/04/2023	12:15:00 pm	14.6
Wainuiomata River Dnstr of White Bridge	1757315	5415739	12/06/2023	12:00:00 pm	9.4

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