

MCMLTER Met Station Measurement Intervals and Samping Frequency

This table is provided to show the periods of data collection, sampling frequency, data averaging, and data gaps.

Beacon Valley Met (BENM)	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
TIME PERIOD		
Nov 27, 2000 @ 1400 to Dec 07, 2010 @ 0030	wind: every 4 secs. others: every 30 secs.	every 15 minutes
Dec 7, 2010 @ 0045 to Dec 14, 2011 @ 1315	missing	
Dec 14, 2011 @ 1330 to Dec 27, 2012 @ 10:45	wind: every 4 secs. others: every 30 secs.	every 15 minutes
Beacon Valley Soil (BVSS and BVTS)		
TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 20, 2009 @ 1300 to Dec 14, 2011 @ 1300	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
Lake Bonney Met (BOYM)		
TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 24, 1993 @ 15:20 to Jan 12, 1994 @ 15:20	every 30 secs.	every 10 minutes
Jan 12, 1994 @ 18:00 to Nov 12, 1994 @ 15:00	every 30 secs.	every 3 hours
Nov 12, 1994 @ 17:20 to Nov 23, 1994 @ 14:20	every 30 secs.	every 20 minutes
Nov 23, 1994 @ 14:40	missing	missing
Nov 23, 1994 @ 15:00 to Jul 29, 1995 @ 21:00	every 30 secs.	every 20 minutes
Jul 29, 1995 @ 21:20 to Nov 9, 1995 @ 19:00	missing	missing
Nov 9, 1995 @ 19:20 to Nov 22, 1995 @ 16:20	every 30 secs.	every 20 minutes
Nov 22, 1995 @ 16:45 to Jan 25, 1996 @ 12:15	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 25, 1996 @ 12:30	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 25, 1996 @ 12:45 to Jan 25, 1996 @ 13:15	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	missing
Jan 25, 1996 @ 13:30 to Nov 21, 1996 @ 8:15	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Nov 21, 1996 @ 8:30 to Nov 21, 1996 @ 8:45	missing	missing
Nov 21, 1996 @ 9:00 to Nov 18, 1997 @ 9:45	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Nov 18, 1997 @ 10:00 to Nov 18, 1997 @ 11:00	missing	missing
Nov 18, 1997 @ 11:15 to Nov 28, 1997 @ 13:00	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Nov 28, 1997 @ 13:15 to Nov 28, 1997 @ 14:15	missing	missing
Nov 28, 1997 @ 14:30 to Jan 15, 1998 @ 10:00	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 15, 1998 @ 10:15	missing	missing
Jan 15, 1998 @ 10:30 to Jul 8, 1998 @ 13:00	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Jul 8, 1998 @ 13:15 to Nov 12, 1998 @ 11:15	missing	missing
Nov 12, 1998 @ 11:30 to Oct 27, 2000 @ 1315	wind: every 4 sec.. precip: every 3600 sec., others every 30 sec.	every 15 minutes
Oct 27, 2000 @ 1330 to Nov 17, 2000 @ 1100	missing	missing
Nov 17, 2000 @ 1115 to Jan 5, 2003 @ 0615	wind: every 1 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 5, 2003 @ 0615 to Jan 5, 2003 @ 1100	missing	missing
Jan 5, 2003 @ 1115 to July 12, 2003 @ 1145	wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
July 12, 2003 @ 1200 to Sept 5, 2003 @ 1130	missing	missing
Sept 5, 2003 @ 1130 to Sept 16, 2003 @ 1000	Missing lines within period; wind: every 1 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Sept 16, 2003 @ 1015 to Jan 6, 2004 @ 0900	wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 6, 2004 @ 0915 to Jan 6, 2004 @ 0930	missing	missing
Jan 6, 2004 @ 0945 to Jan 3, 2007 @ 15:45	Sensit for 1 minute, every 15 minutes, wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 25, 2007 @ 1600 to Jan 25, 2007 @ 1330	missing	missing
Jan 25, 2007 @ 1345 to Jan 29, 2007 @ 1930	Sensit for 1 minute, every 15 minutes, wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Jan 29, 2007 @ 1945 to Jan 29, 2007 @ 1030	missing	missing
Jan 29, 2007 @ 1045 to Oct 31, 2007 @ 1930	Sensit for 1 minute, every 15 minutes, wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Oct 31, 2007 @ 1945 to Nov 25, 2007 @ 0930	missing	missing
Nov 25, 2007 @ 0930 to Dec 1, 2009 @ 2130	Sensit for 1 minute, every 15 minutes, wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Dec 1, 2009 @ 2145	missing	missing
Dec 1, 2009 @ 2200 to Nov 24, 2012 @ 12:15	wind: every 4 sec.. Precip and sonic: every 3600 sec., others every 30 sec.	every 15 minutes
Bonney Riegel Met (Formerly Bonney Snowfence station) (BRMM and BRSM)		
TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Jan 19, 2001 @ 1530 to Jan 24, 2003 @ 1400	sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jan 24, 2003 @ 1415 to Jan 24, 2003 @ 1615	missing	missing
Jan 24, 2003 @ 1615 to Dec 31, 2005 @ 2345	sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jan 1, 2006 @ 1200	missing	missing
Jan 1, 2006 @ 1215 to Jan 4, 2006 @ 1400	sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jan 4, 2006 @ 1415 to Dec 7, 2006 @ 1300	missing	missing
Dec, 7, 2006 @ 1315 to Jan 26, 2007 @ 0845	wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jan 26, 2007 @ 0900 to Jan 26, 2007 @ 0915	missing	missing
Jan 26, 2007 @ 0930 to Nov 23, 2012 @ 16:45	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Bonney Riegel Soil (BRSS and BRTS)		
TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
1/16/2003 21:00:00 to 3/14/2003 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
3/14/2003 13:00:00 to 1/23/2004 11:00:00	missing	missing
1/23/2004 12:00:00 to 6/18/2004 21:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/18/2004 22:00:00	missing	missing
6/18/2004 23:00:00 to 7/8/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/8/2004 13:00:00	missing	missing
7/8/2004 14:00:00 to 7/8/2004 15:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/8/2004 16:00:00 to 7/8/2004 17:00:00	missing	missing
7/8/2004 18:00:00 to 7/9/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/9/2004 13:00:00	missing	missing
7/9/2004 14:00:00 to 7/17/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/17/2004 13:00:00	missing	missing
7/17/2004 14:00:00 to 7/19/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/19/2004 13:00:00 to 7/19/2004 23:00:00	missing	missing
7/20/2004 00:00:00 to 7/29/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
7/29/2004 13:00:00	missing	missing
7/29/2004 14:00:00 to 8/18/2004 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
8/18/2004 13:00:00 to 8/18/2004 14:00:00	missing	missing
8/18/2004 15:00:00 to 9/09/2004 15:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
9/09/2004 16:00:00	missing	missing
9/09/2004 17:00:00 to 9/18/2004 21:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
9/18/2004 22:00:00 to 9/19/2004 06:00:00	missing	missing
9/19/2004 07:00:00 to 9/19/2004 09:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs

Dec 19, 1995 @ 1315	missing	missing
Dec 19, 1995 @ 1330 to Jan 24, 1996 @ 1030	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Jan 24, 1996 @ 1045 to Jan 24, 1996 @ 1100	missing	missing
Jan 24, 1996 @ 1115 to Nov 15, 1996 @ 1515	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Nov 14, 1996 @ 1530	missing	missing
Nov 14, 1996 @ 1545 to Dec 4, 1996 @ 1145	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Dec 4, 1996 @ 1200	missing	missing
Dec 4, 1996 @ 1215 to Jan 27, 1997 @ 0900	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Jan 27, 1997 @ 0915 to May 24, 1997 @ 0430	missing	missing
May 24, 1997 @ 0445 to Jun 19, 1997 @ 1345	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Jun 19, 1997 @ 1400 to Nov 25, 1997 @ 1245	missing	missing
Nov 25, 1997 @ 1300 to Oct 30, 1998 @ 245	wind: every 4 sec.; others: every 30 secs	every 15 minutes
Oct 30, 1998 @ 300 to Nov 8, 1998 @ 215	missing	missing
Nov 8, 1998 @ 230 to Nov 17, 2002 @ 1545	wind: every 4 sec.; others: every 30 secs	every 15 minutes
Nov 17, 2002 @ 1600 to Jan 19, 2006 @ 0930	wind: every 4 sec.; sonic: every 3600 secs; others: every 30 secs	every 15 minutes
January 19, 2006 @ 0945	missing	missing
Jan 19, 2006 @ 0945 to to 3/5/2013 7:00	wind: every 4 sec.; sonic: every 3600 secs; others: every 30 secs	every 15 minutes

Explorers Cove Met (EXEM and EXSM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 24, 1995 @ 1100 to Feb 26, 1996 @ 0200	Prec every 1 hour	every 1 hour
Feb 26, 1996 @ 0300 to Nov 21, 1997 @ 1000	Signal from station was dead; no data obtained	missing
Nov 21, 1997 @ 1100	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Nov 21, 1997 @ 1115	missing	missing
Nov 21, 1997 @ 1130 to Jan 3, 2003 @ 1545	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Jan 3, 2003 @ 1600 to Jan 3, 2003 @ 2245	missing	missing
Jan 3, 2003 @ 2300 to Jan 12, 2003 @ 1500	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Jan 12, 2003 @ 1515 to Jan 12, 2003 @ 2200	missing	missing
Jan 12, 2003 @ 2215 to Jan 3, 2005 @ 1545	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Jan 3, 2005 @ 1600 to Nov 27, 2006 @ 1415	missing	missing
Nov 27, 2006 @ 1430 to Jan 11, 2007 @ 1145	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Jan 11, 2007 @ 1200	missing	missing
Jan 11, 2007 @ 1200 to Jqn 11, 2010 @ 1245	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes
Jan 11, 2010 @ 1300 to Nov 9, 2010 @ 1030	missing	missing
Nov 9, 2010 @ 1045 to 11/22/2012 9:00	wind: every 4 secs.; prec: every 3600 secs.; others: every 30 secs.	every 15 minutes

F6 Met/Sensit (Formerly F6 Snowfence) (F6MM and F6SM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Jan 11, 2001 @ 1530 to May 02, 2001 @ 2300	every 30 secs.	every 15 minutes
May 02, 2001 @ 2315 to May 03, 2001 @ 0930	missing	missing
May 03, 2001 @ 0945 to Sept 08, 2001 @ 0000	every 30 secs.	every 15 minutes
Sept 08, 2001 @ 0015 to Sept 08, 2001 @ 1030	missing	missing
Sept 08, 2001 @ 1045 to Jan 23, 2002 @ 2130	every 30 secs.	every 15 minutes
Jan 23, 2002 @ 2145 to Jan 24, 2002 @ 0800	missing	missing
Jan 24, 2002 @ 0815 to Jan 30, 2002 @ 1115	every 30 secs.	every 15 minutes
Jan 30, 2002 11:15	missing	missing
Jan 30, 2002 11:30 to July 6, 2002 @ 0930	every 30 secs.	every 15 minutes
July 6, 2002 @ 0945 to July 6, 2002 @ 2000	missing	missing
July 6, 2002 @ 2015 to Dec 13, 2002 @ 1645	every 30 secs.	every 15 minutes
Dec 13, 2002 @ 1700 to July 5, 2003 @ 2230	sonic: 15 min.; others: every 30 secs.	every 15 minutes
July 5, 2003 @ 2230 to July 6, 2003 @ 0800	missing	missing
July 6, 2003 @ 0800 to Jan 17, 2007 @ 1815	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jan 17, 2007 @ 1815 to Jan 29, 2007 @ 1300	missing	missing
Jan 29, 2007 @ 1315 to Dec 4, 2008 @ 1345	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Dec 4, 2008 @ 1345 to Dec 4, 2008 @ 1415	missing	missing
Dec 4, 2008 @ 1430 to Aug 21, 2009 @ 1400	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
August 21, 2009 @ 1415	missing	missing
Aug 21, 2009 @ 1430 to Mar 16, 2010 @ 0700	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Mar 16, 2010 @ 0715	missing	missing
Mar 16, 2010 @ 0730 to Jun 2, 2010 @ 1000	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jun 2, 2010 @ 1015	missing	missing
Jun 2, 2010 @ 1030 to Jun 22, 2010 @ 1145	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jun 2, 2010 @ 1200	missing	missing
Jun 22, 2010 @ 1215 to Jul 11, 2010 @ 0145	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Jul 11, 2010 @ 0200 to Jul 11, 2010 @ 02:45	missing	missing
Jul 11, 2010 @ 0300 to Dec 24, 2010 @ 1100	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes
Dec 24, 2010 @ 1115	missing	missing
Dec 24, 2010 @ 1130 to 11/23/12 9:45	Sensit for 1 minute, every 15 minutes, wind: every 4 sec, sonic: every 3600 sec, others every 30 sec	every 15 minutes

F6 Soil (F6SS and F6TS)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
1/29/2003 20:00:00 to 1/2/2004 10:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
1/2/2004 11:00:00 to 1/20/2005 19:00:00	missing	missing
1/20/2005 20:00:00 to 4/18/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
4/18/2005 13:00:00 to 4/18/2005 14:00:00	missing	missing
4/18/2005 15:00:00 to 4/19/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
4/19/2005 13:00:00 to 4/19/2005 16:00:00	missing	missing
4/19/2005 17:00:00 to 4/25/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
4/25/2005 13:00:00 to 4/26/2005 5:00:00	missing	missing
4/26/2005 6:00:00 to 4/27/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
4/27/2005 12:00:00 to 4/27/2005 18:00:00	missing	missing
4/27/2005 19:00:00 to 4/29/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
4/29/2005 13:00:00	missing	missing
4/29/2005 14:00:00 to 5/1/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
5/1/2005 13:00:00 to 5/1/2005 16:00:00	missing	missing
5/1/2005 17:00:00 to 5/1/2005 18:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
5/1/2005 19:00:00 to 5/1/2005 22:00:00	missing	missing
5/1/2005 23:00:00 to 5/5/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
5/5/2005 13:00:00 to 5/5/2005 22:00:00	missing	missing
5/5/2005 23:00:00 to 6/8/2005 11:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs

6/8/2005 12:00:00	missing	missing
6/9/2005 8:00:00 to 6/10/2005 08:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/10/2005 09:00:00 to 6/10/2005 14:00:00	missing	missing
6/10/2005 15:00:00 to 6/11/2005 11:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/11/2005 12:00:00 to 6/11/2005 13:00:00	missing	missing
6/11/2005 14:00:00 to 6/18/2005 11:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/18/2005 12:00:00	missing	missing
6/18/2005 13:00:00 to 6/19/2005 00:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/19/2005 00:15:00 to 6/20/2005 10:00:00	missing	missing
6/20/2005 10:00:00 to 6/20/2005 11:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
6/20/2005 12:00:00 to 7/12/2007 14:00:00	missing	missing
7/12/2007 15:00 to 11/23/2012 9:45	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs

Mt. Fleming Met (FLMM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Jan 26, 2008 @ 1230 to 12/26/2012 12:45	RH1.3m, AirT1.3m, pressure and voltage every 10 minutes, Wdir and WSpd every 30 secs.	every 10 minutes

Friis Hills Met (FRSM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 12, 2003 @ 1735 to Dec 20, 2010 @ 1005 (UTC)	every 30 secs	every 5 minutes
Dec 21, 2010 @ 1015 to 11/20/2012 9:45	every 30 secs	every 15 minutes

Lake Fryxell Met (FRLM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Dec 7, 1993 @ 1410 to Jan 6, 1994 @ 1140	every 30 secs.	every 10 minutes
Jan 6, 1994 @ 1150 to Jan 6, 1994 @ 1950	missing	missing
Jan 6, 1994 @ 2000 to Jan 7, 1994 @ 1400	every 30 secs.	every 3 hours
Jan 7, 1994 @ 1510 to Jan 12, 1994 @ 1400	every 30 secs.	every 10 minutes
Jan 12, 1994 @ 1410 to Jan 12, 1994 @ 1650	missing	missing
Jan 12, 1994 @ 1700 to Nov 28, 1994 @ 1100	every 30 secs.	every 3 hours
Nov 28, 1994 @ 1400	missing	missing
Nov 28, 1994 @ 1540 to Jan 11, 1995 @ 0900	every 30 secs.	every 20 minutes
Jan 11, 1995 @ 0920 to Jan 11, 1995 @ 1000	missing	missing
Jan 11, 1995 @ 1020 to Nov 21, 1995 @ 1240	every 30 secs.	every 20 minutes
Nov 21, 1995 @ 1300 to Nov 21, 1995 @ 1420	missing	missing
Nov 21, 1995 @ 1430 to Jan 24, 1996 @ 1245	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Jan 24, 1996 @ 1300	missing	missing
Jan 24, 1996 @ 1315 to Aug 18, 1996 @ 1230	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Aug 18, 1996 @ 1245 to Aug 18, 1996 @ 1300	missing	missing
Aug 18, 1996 @ 1315 to Nov 18, 1997 @ 1600	wind: every 1 sec.; others: every 30 secs	every 15 minutes
Nov 18, 1997 @ 1615 to Nov 18, 1997 @ 1700	missing	missing
Nov 18, 1997 @ 1715 to Feb 2, 2000 @ 0845	wind: every 4 sec.; others: every 30 secs	every 15 minutes
Feb 2, 2000 @ 0900 to Feb 2, 2000 @ 1545	missing	missing
Feb 2, 2000 @ 1600 to April 18, 2000 @ 0930	wind: every 4 sec.; others: every 30 secs	every 15 minutes
April 18, 2000 @ 0945 to July 23, 2000 @ 2400	missing	missing
July 24, 2000 @ 0015 to June 25, 2001 @ 0215	wind: every 4 sec.; others: every 30 secs	every 15 minutes
June 25, 2001 @ 0230 to Nov 27, 2001	station blew over	station blew over
Nov 27, 2001 to Nov 11, 2002 @ 1115	wind: every 4 sec.; others: every 30 secs	every 15 minutes
Nov 11, 2002 @ 1130 to Nov 28, 2009 @ 1200	wind: every 4 sec.; others: every 30 secs; sonic: 3600 secs.	every 15 minutes
Nov 28, 2009 @ 1215	missing	missing
Nov 28, 2009 @ 1230 to Nov 16, 2011 @ 1045	wind: every 4 sec.; others: every 30 secs; sonic: 3600 secs.	every 15 minutes
Nov 16, 2011 @ 1100 to 2/13/13 6:00	missing	missing

Garwood Valley Met (GADM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Jan 13, 2008 @ 1015 to Dec 7, 2009 @ 1100	wind: every 4 sec.; others: every 30 secs; sonic: 3600 secs.	every 15 minutes
Dec 7, 2009 @ 1115 to Dec 7, 2009 @ 1315	missing	missing
Dec 7, 2009 @ 1330 to Jan 27, 2010 @ 1030	wind: every 4 sec.; others: every 30 secs; sonic: 3600 secs.	every 15 minutes
Jan 27, 2010 @ 1045 to August 22, 2010 @ 1030	missing	missing
August 22, 2010 @ 1045 to Jan 11, 2012 @ 1100	wind: every 4 sec.; others: every 30 secs; sonic: 3600 secs. (Station moved to Miers Valley)	every 15 minutes

Lake Hoare Met (HOEM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Dec 18, 1993 @ 1930 to Jan 16, 1994 @ 2200	every 30 secs.	every 10 minutes
Jan 16, 1994 @ 2210 to Jan 16, 1994 @ 2250	missing	missing
Jan 16, 1994 @ 2300 to Nov 18, 1994 @ 2000	every 30 secs.	every 3 hours
Nov 18, 1994 @ 2220 to Jan 22, 1995 @ 2340	every 30 secs.	every 20 minutes
Jan 23, 1995 @ 0000 to Jan 23, 1995 @ 0040	missing	missing
Jan 23, 1995 @ 0100 to Jan 27, 1995 @ 1640	every 30 secs.	every 20 minutes
Jan 27, 1995 @ 1700	missing	missing
Jan 27, 1995 @ 1720 to Nov 28, 1995 @ 1520	every 30 secs.	every 20 minutes
Nov 28, 1995 @ 1540	missing	missing
Nov 28, 1995 @ 1600 to Jan 26, 1997 @ 1415	wind every 1 sec.; others every 30 secs	every 15 minutes
Jan 26, 1997 @ 1430	missing	missing
Jan 26, 1997 @ 1445 to Nov 14, 1997 @ 1145	wind every 1 sec.; others every 30 secs	every 15 minutes
Nov 14, 1997 @ 1200 to Nov 14, 1997 @ 1215	missing	missing
Nov 14, 1997 @ 1230 to Nov 20, 1997 @ 1330	wind every 4 sec.; others every 30 secs	every 15 minutes
Nov 20, 1997 @ 1345 to Nov 20, 1997 @ 1430	missing	missing
Nov 20, 1997 @ 1445 to Aug 15, 2000 @ 1330	wind every 4 sec.; others every 30 secs	every 15 minutes
Aug 15, 2000 @ 1345 to Aug 15, 2000 @ 2100	missing	missing
Aug 15, 2000 @ 2100 to Jan 18, 2002 @ 1745	wind every 4 sec.; others every 30 secs	every 15 minutes
Jan 18, 2002 @ 1800 to Jan 19, 2002 @ 0045	missing	missing
Jan 19, 2002 @ 0100 to Jan 12, 2004 @ 1515	wind every 4 sec.; others every 30 secs	every 15 minutes
Jan 12, 2004 @ 1530	missing	missing
Jan 12, 2004 @ 1545 to Jan 29, 2007 @ 2015	wind every 4 sec.; others every 30 secs	every 15 minutes
Jan 29, 2007 @ 2030	missing	missing
Jan 29, 2007 @ 2045 to Dec 1, 2007 @ 1400	wind every 4 sec.; others every 30 secs	every 15 minutes
Dec 1, 2007 @ 1415	missing	missing
Dec 1, 2007 @ 1430 to Dec 19, 2010 @ 2015	wind every 4 sec.; prec every 60 secs, sonic every 1 hour, others every 30 secs	every 15 minutes
Dec 19, 2010 @ 2030 to Dec 20, 2010 @ 2045	missing	missing
Dec 20, 2010 @ 2100 to Feb 12, 2012 @ 1930	wind every 4 sec.; prec every 60 secs, sonic every 1 hour, others every 30 secs	every 15 minutes
Feb 13, 2012 to Sep 24, 2012	missing	missing
Sep 24, 2012 to October 4, 2012	intermittent data collection	intermittent data collection
Oct 4, 2012 to Oct 19, 2012	missing	missing
Oct 9, 2012 to 02/13/2012 01:30	wind every 4 sec.; prec every 60 secs, sonic every 1 hour, others every 30 secs	every 15 minutes

Lake Hoare Precipitation and Soil

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Jan 26, 2002 15:45 to Sept 27, 2002 @ 0900	every 900 secs.	every 15 minutes
Sept 27, 2002 @ 0915 to Sept 28, 2002 @ 1000	missing	missing
Sept 28, 2002 @ 1015 to Dec 29, 2002 @ 1715	every 900 secs.	every 15 minutes
Dec 29, 2002 @ 1730 to Jan 12, 2004 @ 1645	prec every 900 secs.; soil every 30 secs	every 15 minutes
Jan 12, 2004 @ 1700	missing	missing
Jan 12, 2004 @ 1715 to Jan 30, 2004 @ 1145	prec every 900 secs.; soil every 30 secs	every 15 minutes
Jan 30, 2004 @ 1200	missing	missing
Jan 30, 2004 @ 1200 to November 12, 2010 @ 1615	prec every 900 secs.; soil every 30 secs	every 15 minutes

*****Sensors moved to main LH datalogger*****

Lake Hoare Soil (South Shore LH) (LHS1 and LHS2)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
1/28/2003 12:00:00 to 1/11/2005 8:00:00	Soil every 4 hr; theta probe every 24 hours	every 4 hr; every 24 hrs
1/11/2005 10:00:00 to 8/10/2005 4:00:00	Soil every 1 hr; theta probe every 24 hours	every 1 hr; every 24 hrs
8/10/2005 5:00:00 to 9/24/2005 9:00:00	missing	missing
9/24/2005 10:00:00 to 9/28/2005 12:00:00	Soil every 1 hr; theta probe every 24 hours, some missing data	every 1 hr; every 24 hrs, some missing data
9/28/2005 13:00:00 to 9/23/2006 08:00:00	missing	missing
9/23/2006 12:00:00 to 9/23/2006 16:00:00	Soil every 4 hr; theta probe every 24 hours	every 4 hr; every 24 hrs
9/23/2006 20:00:00 to 9/24/2006 08:00:00	missing	missing
9/24/2006 12:00:00 to 9/25/2006 00:00:00	Soil every 4 hr; theta probe every 24 hours	every 4 hr; every 24 hrs
9/25/2006 04:00:00 to 10/3/2006 08:00:00	missing	missing
10/3/2006 12:00:00 to 1/30/2007 08:00:00	Soil every 4 hr; theta probe every 24 hours	every 4 hr; every 24 hrs
?????		

Lake Hoare TDR (HTDR)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
12/16/2007 14:00:00 to 5/22/2008 15:45:00	Measure 3 soil temps every 1 min, and 3 TDR probes and snow depth once per hour	every 15 minutes
5/22/2008 16:00:00 to 5/23/2008 7:30:00	missing	missing
5/23/2008 7:45:00	Measure 3 soil temps every 1 min, and 3 TDR probes and snow depth once per hour	every 15 minutes
5/23/2008 8:00:00 to 9/6/2008 12:45:00	missing	missing
9/6/2008 13:00:00 to 9/23/2008 9:45:00	Quite a bit of missing data	some missing
9/23/2008 10:00:00 to 12/22/2008 14:00:00	Measure 3 soil temps every 1 min, and 3 TDR probes and snow depth once per hour	every 15 minutes
12/22/2008 14:15:00	missing	missing
12/22/2008 14:30:00 to 1/5/2009 16:45:00	Measure 3 soil temps every 1 min, and 3 TDR probes and snow depth once per hour	every 15 minutes
1/5/2009 17:00:00 to 1/8/2009 13:45:00	missing	missing
1/8/2009 14:00:00 to 08/22/2011 18:00	60 secs for temps; TDR and Sonic, once every 6 hours	every 60 minutes

Howard Glacier Met (HODM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 20, 1993 @ 16:30 to Nov 26, 1993 @ 10:30	every 30 secs.	every 3 hours
Nov 26, 1993 @ 13:30	missing	missing
Nov 26, 1993 @ 15:00 to Dec 3, 1993 @ 9:00	every 30 secs.	every 3 hours
Dec 3, 1993 @ 11:30 to Dec 24, 1993 @ 15:30	every 30 secs.	every 30 minutes
Dec 24, 1993 @ 16:00 to Dec 25, 1993 @ 15:30	every 30 secs.	every 30 minutes for main array, every 24 hours
Dec 25, 1993 @ 16:00 to Dec 25, 1993 @ 16:30	missing	for max/min thermal infrared
Dec 25, 1993 @ 17:00 to Jan 12, 1994 @ 13:30	every 30 secs.	missing
Jan 12, 1994 @ 14:00 to Jan 12, 1994 @ 14:30	missing	every 30 minutes for main array, every 24 hours
Jan 12, 1994 @ 15:00 to Nov 23, 1994 @ 9:00	every 30 secs.	for max/min thermal infrared
Nov 23, 1994 @ 11:20 to Dec 15, 1994 @ 17:20	every 30 secs.	missing
Dec 15, 1994 @ 17:40	missing	every 20 minutes
Dec 15, 1994 @ 18:00 to Nov 27, 1995 @ 15:00	every 30 secs.	missing
Nov 27, 1995 @ 15:20	missing	every 20 minutes
Nov 27, 1995 @ 15:30 to Dec 15, 1995 @ 10:45	wind: every 1 sec.; others: every 30 secs	missing
Dec 15, 1995 @ 11:00	missing	every 15 minutes
Dec 15, 1995 @ 11:15 to Jan 24, 1996 @ 15:00	wind: every 1 sec.; others: every 30 secs	missing
Jan 24, 1996 @ 15:15 to Jan 24, 1996 @ 15:30	missing	every 15 minutes
Jan 24, 1996 @ 15:45 to Nov 14, 1996 @ 12:45	wind: every 1 sec.; others: every 30 secs	missing
Nov 14, 1996 @ 13:00	missing	every 15 minutes
Nov 14, 1996 @ 13:15 to Jan 27, 1997 @ 13:00	wind: every 1 sec.; others: every 30 secs	missing
Jan 27, 1997 @ 13:15	missing	every 15 minutes
Jan 27, 1997 @ 13:30 to Nov 25, 1997 @ 13:30	wind: every 1 sec.; others: every 30 secs	missing
Nov 25, 1997 @ 13:45 to Nov 25, 1997 @ 14:30	missing	every 15 minutes
Nov 25, 1997 @ 14:45 to May 26, 2000 @ 1400	wind: every 4 sec.; others: every 30 secs	missing
May 26, 2000 @ 1415 to May 26, 2000 @ 2100	missing	every 15 minutes
May 26, 2000 @ 2115 to July 18, 2000 @ 1945	wind: every 4 sec.; others: every 30 secs	missing
July 18, 2000 @ 2000 to July 19, 2000 @ 245	missing	every 15 minutes
July 19, 2000 @ 245 to Jan 7, 2008 @ 1015	wind: every 4 sec.; others: every 30 secs	missing
Jan 7, 2008 @ 1030	missing	every 15 minutes
Jan 7, 2008 @ 1045 to Dec 30, 2011 @ 0945	wind: every 4 sec.; others: every 30 secs	missing
Dec 30, 2011 @ 1000 to 12/30/2011 14:00	missing	every 15 minutes
12/30/2011 14:15 to 11/19/2012 13:15	wind: every 4 sec.; others: every 30 secs	missing

Taylor Glacier Met (TARM)

TIME PERIOD	SAMPLING FREQUENCY	AVERAGING & OUTPUT INTERVAL
Nov 21, 1994 @ 15:20 to Jan 23, 1995 @ 9:20	every 30 secs.	every 20 minutes
Jan 23, 1995 @ 9:40 to Jan 23, 1995 @ 10:40	missing	missing
Jan 23, 1995 @ 11:00 to Nov 17, 1995 @ 12:20	every 30 secs.	every 20 minutes
Nov 17, 1995 @ 12:40 to Nov 17, 1995 @ 13:40	missing	missing
Nov 17, 1995 @ 14:00 to Dec 19, 1995 @ 17:45	wind: every 1 sec.; others: every 30 secs.	every 15 minutes
Dec 19, 1995 @ 18:00 to Dec 19, 1995 @ 18:45	missing	missing
Dec 19, 1995 @ 19:00 to Jan 25, 1996 @ 10:00	wind: every 1 sec.; others: every 30 secs.	every 15 minutes
Jan 25, 1996 @ 10:15 to Jan 25, 1996 @ 10:30	missing	missing
Jan 25, 1996 @ 10:45 to Jun 28, 1996 @ 13:15	wind: every 1 sec.; others: every 30 secs.	every 15 minutes
Jun 28, 1996 @ 13:30	missing	missing
Jun 28, 1996 @ 13:45 to Nov 17, 1997 @ 11:45	wind: every 1 sec.; others: every 30 secs.	every 15 minutes
Nov 17, 1997 @ 12:00 to Nov 17, 1997 @ 15:15	missing	missing
Nov 17, 1997 @ 15:30 to Nov 28, 1997 @ 10:30	wind: every 4 sec.; others: every 30 secs.	every 15 minutes
Nov 28, 1997 @ 10:45	missing	missing
Nov 28, 1997 @ 11:00 to Nov 13, 1998 @ 11:00	wind: every 4 sec.; others: every 30 secs.	every 15 minutes
Nov 13, 1998 @ 11:15 to Nov 13, 1998 @ 15:15	missing	missing
Nov 13, 1998 @ 15:30 to April 8, 2000 @ 1245	wind: every 4 sec.; others: every 30 secs.	every 15 minutes

April 8, 2000 @ 1300 to April 8, 2000 @ 1930
April 8, 2000 @ 1945 to May 19, 2000 @ 915
May 19, 2000 @ 930 to May 19, 2000 @ 1545
May 19, 2000 @ 1600 to Jan 12, 2001 @ 0615
Jan 12, 2001 @ 0630 to Jan 12, 2001 @ 1630
Jan 12, 2001 @ 1645 to Jan 12, 2001 @ 1945
Jan 12, 2001 @ 2000 and Jan 19, 2001 @ 0930
Jan 19, 2001 @ 0945 to Nov 17, 2002 @ 0330

missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.

missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
IceTemps and Air/RH1m: every 15 minutes; others:
bad data
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes

Nov 17, 2002 @ 0345 and Dec 4, 2002 @ 1330
Dec 4, 2002 @ 1345 to Dec 19, 2002 @ 0200
Dec 19, 2002 @ 0200 and Dec 19, 2002 @ 0845
Dec 19, 2002 @ 0845 to Dec 2, 2006 @ 1645
Dec 2, 2006 @ 1645 to Jan 13, 2007 @ 1330
Jan 13, 2007 @ 1330 to Jul 31, 2010 @ 0130
Jul 31, 2010 @ 0145 to Nov 29, 2010 @ 1630
Nov 29, 2010 @ 16:45 to Dec 2, 2011 @ 1000
Dec 2, 2011 @ 1015 to Dec 2, 2011 @ 1330
Dec 2, 2011 @ 1345 to 11/20/2012, 2012 @ 12:30
Noc 20, 2012 @ 12:45
Noc 20, 2012 @ 13:00 to 3/4/13 17:45

station blew over; IceTemps and Air/RH1m: 30 secs; others: bad data
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs
missing
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs
missing
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs
4303 lines of data missing between these dates because of a bad battery
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs
missing
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs
missing
wind: every 4 sec.; others: every 30 secs.; sonic: every 3600 secs

Upper Howard Glacier Met (Temp Station)

TIME PERIOD

Nov 27, 2001 @ 1400 to June 13, 2002 @ 1030
June 13, 2002 @ 1045 to Jan 16, 2003 @ 1000
Jan 16, 2003 @ 1015 to March 28, 2003 @ 0700
March 28, 2003 0700 to Nov 12, 2003 @ 1030
Nov 12, 2003 @ 1045 to Jan 16, 2004 @ 1045
January 16, 2004 @ 1100
Jan 16, 2004 @ 1115 to Nov 8, 2004 @ 0945
Station removed on November 8, 2004

SAMPLING FREQUENCY

wind: every 4 secs.; others: every 30 secs.
missing
wind: every 4 secs.; others: every 30 secs.
station was working sporadically
wind: every 4 secs.; others: every 30 secs.
missing
wind: every 4 secs.; others: every 30 secs.

AVERAGING & OUTPUT INTERVAL

every 15 minutes
missing
every 15 minutes
every 15 minutes
every 15 minutes
missing
every 15 minutes

Lake Vanda Met (VAAM)

TIME PERIOD

Nov 24, 1994 @ 17:20 to Dec 30, 1994 @ 16:00
Dec 30, 1994 @ 16:20 to Dec 30, 1994 @ 17:40
Dec 30, 1994 @ 18:00 to Jan 20, 1995 @ 15:00
Jan 20, 1995 @ 16:00
Jan 20, 1995 @ 17:00 to Nov 21, 1995 @ 11:00
Nov 21, 1995 @ 11:30 to Jan 23, 1996 @ 13:15
Jan 23, 1996 @ 13:30 to Jan 23, 1996 @ 14:15
Jan 23, 1996 @ 14:30 to Nov 13, 1996 @ 13:00
Nov 13, 1996 @ 13:15
Nov 13, 1996 @ 13:30 to Oct 29, 1997 @ 10:15
Oct 29, 1997 @ 10:30 to Nov 22, 1997 @ 13:00
Nov 22, 1997 @ 13:15 to Jan 13, 1998 @ 12:45
Jan 13, 1998 @ 13:00
Jan 13, 1998 @ 13:15 to Nov 20, 1998 @ 14:00
Nov 20, 1998 @ 14:15 to Nov 20, 1998 @ 14:30
Nov 20, 1998 @ 14:45 to Jan 21, 1999 @ 11:30
Jan 21, 1999 @ 11:45
Jan 21, 1999 @ 12:00 to April 3, 2001 @ 1230
April 3, 2001 @ 1245 to April 3, 2001 @ 1930
April 3, 2001 @ 1945 to Sep 9, 2003 @ 2145
Sep 9, 2003 @ 2200 to Dec 8, 2003 @ 1230
Dec 8, 2003 @ 1230 to 3/6/13 8:00

SAMPLING FREQUENCY

every 30 secs.
missing
every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
Station blew over; soil temps are good, rest are bad
wind: every 4 sec; sonic: 3600 secs; others: every 30 secs.

AVERAGING & OUTPUT INTERVAL

every 20 minutes
missing
every hour
missing
every hour
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
Soil: every 15 minutes
every 15 minutes

Lake Vida Met (VIAM)

TIME PERIOD

Nov 24, 1995 @ 15:00 to Jan 23, 1996 @ 15:00
Jan 23, 1996 @ 15:15
Jan 23, 1996 @ 15:30 to Oct 21, 1996 @ 18:30
Oct 21, 1996 @ 18:45 to Oct 21, 1996 @ 19:15
Oct 21, 1996 @ 19:30 to Nov 9, 1996 @ 14:00
Nov 9, 1996 @ 14:15 to Nov 9, 1996 @ 16:00
Nov 9, 1996 @ 16:15 to Nov 24, 1997 @ 10:15
Nov 24, 1997 @ 10:30 to Nov 24, 1997 @ 11:15
Nov 24, 1997 @ 11:30 to Jan 13, 1998 @ 12:00
Jan 13, 1998 @ 12:15
Jan 13, 1998 @ 12:30 to Jan 26, 2000 @ 1445
Jan 26, 2000 @ 1445 to May 15, 2002 @ 1000
May 15, 2002 @ 1015 to May 15, 2002 @ 1700
May 15, 2002 @ 1715 to June 26, 2002 @ 0900
June 26, 2002 @ 0915 to June 26, 2002 @ 1600
Jun 26, 2002 @ 1615 to Jan 8, 2008 @ 1515
Jan 8, 2008 @ 1530
Jan 8, 2008 @ 1545 to Dec 1, 2009 @ 1000
Dec 1, 2009 @ 1015 to Dec 1, 2009 @ 1030
Dec 1, 2009 @ 1030 to Jan 7, 2012 @ 11:00

SAMPLING FREQUENCY

wind: every 1 sec.; others: every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 1 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.
missing
wind: every 4 sec.; others: every 30 secs.

AVERAGING & OUTPUT INTERVAL

every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 30 minutes
missing
every 30 minutes
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
missing
every 15 minutes
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every 15 minutes
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every 15 minutes