

## LTERMACRO Missing Data

This document identifies data that are missing from the LTERMACRO 1981-1992 dataset. Wherever possible, missing data are correlated with information from relevant documentation that may help to explain their absence. Please see the Anomalous Data document for a complete list of all erroneous and questionable data. The following information is organized by parameter within each year.

### **1981**

#### *All Variables (Sample unavailable)*

Station	Date	Sample #	Replicate	Notes
BB	01/20/1981	1	1, 2	Samples decayed and were unusable
BB	02/17/1981	3	1	Bottom 10 cm of sample was lost
BB, DD	06/01/1981	10	1, 2	New cover design failed
BB, DD	06/15/1981	11	1, 2	Technician unavailable

#### *SAMTIME*

Station	Date	Sample #	Replicate
DD	01/20/1981	1	1, 2
BB, DD	02/04/1981	2	1, 2
BB, DD	05/01/1981	8	1, 2
BB, DD	09/11/1981	17	1, 2

#### *AIRTEMP*

Station	Date	Sample #	Replicate
DD	01/20/1981	1	1, 2
BB, DD	02/04/1981	2	1, 2
BB, DD	04/03/1981	6	1, 2
BB, DD	04/18/1981	7	1, 2
BB, DD	06/29/1981	12	1, 2
BB	07/15/1981	13	1, 2
BB, DD	12/07/1981	23	1, 2

#### *SEDWATER*

Station	Date	Sample #	Replicate
DD	01/20/1981	1	1, 2
BB, DD	02/04/1981	2	1, 2
DD	02/17/1981	3	1, 2
BB	02/17/1981	3	2
BB, DD	03/07/1981	4	1, 2
BB, DD	03/20/1981	5	1, 2
BB, DD	04/03/1981	6	1, 2
BB, DD	04/18/1981	7	1, 2
BB, DD	05/01/1981	8	1, 2
BB, DD	05/15/1981	9	1, 2
BB, DD	06/29/1981	12	1, 2
BB, DD	07/15/1981	13	1, 2
BB, DD	07/29/1981	14	1, 2
BB, DD	08/13/1981	15	1, 2
DD	11/10/1981	21	2
BB, DD	12/07/1981	23	1, 2
DD	12/21/1981	24	1, 2

#### *REDOX*

Station	Date	Sample #	Replicate
DD	01/20/1981	1	1, 2
BB, DD	02/04/1981	2	1, 2

DD	02/17/1981	3	1, 2
BB	02/17/1981	3	2
BB, DD	03/07/1981	4	1, 2
BB, DD	04/03/1981	6	1, 2
BB, DD	06/29/1981	12	1, 2
BB, DD	07/15/1981	13	1, 2
BB, DD	07/29/1981	14	1, 2
BB, DD	08/13/1981	15	1, 2
BB, DD	09/11/1981	17	1, 2
BB	10/23/1981	20	2
BB, DD	11/10/1981	21	1, 2
DD	11/25/1981	22	1, 2
BB, DD	12/07/1981	23	1, 2
BB, DD	12/21/1981	24	1, 2

### ***COREDIAM***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
DD	01/20/1981	1	1, 2
BB, DD	02/04/1981	2	1, 2
DD	02/17/1981	3	1, 2
BB	02/17/1981	3	2
BB, DD	03/07/1981	4	1, 2
BB, DD	03/20/1981	5	1, 2
BB, DD	04/03/1981	6	1, 2
BB, DD	04/18/1981	7	1, 2
BB, DD	05/01/1981	8	1, 2
BB	10/23/1981	20	2

### **1982**

#### ***STEMP***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	03/26/1982	30	1, 2

#### ***AIRTEMP***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	01/21/1982	26	1, 2
BB, DD	03/26/1982	30	1, 2
BB	05/04/1982	33	2
BB, DD	07/19/1982	38	1, 2
BB, DD	08/02/1982	39	1, 2
BB, DD	08/16/1982	40	1, 2
BB, DD	10/01/1982	43	1, 2
BB, DD	10/14/1982	44	1, 2
BB, DD	12/31/1982	49	1, 2

#### ***SEDWATER***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	02/08/1982	27	1, 2
BB, DD	02/19/1982	28	1, 2
BB, DD	03/08/1982	29	1, 2
BB, DD	03/26/1982	30	1, 2
BB, DD	04/06/1982	31	1, 2
BB, DD	04/20/1982	32	1, 2
BB, DD	07/19/1982	38	1, 2
BB, DD	08/02/1982	39	1, 2
BB, DD	08/16/1982	40	1, 2
BB, DD	12/31/1982	49	1, 2

<b>SSAL</b>			
<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	03/26/1982	30	1, 2

<b>REDOX</b>			
<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	03/26/1982	30	1, 2
DD	04/06/1982	31	1, 2
DD	04/30/1982	32	1, 2
DD	08/02/1982	39	1, 2
DD	09/14/1982	42	1, 2
DD	10/01/1982	43	1, 2
DD	11/29/1982	47	1, 2

### **1983**

#### ***AIRTEMP***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	01/13/1983	50	1, 2
BB, DD	01/26/1983	51	1, 2
BB, DD	02/10/1983	52	1, 2
BB, DD	02/25/1983	53	1, 2
BB, DD	03/11/1983	54	1, 2
BB, DD	03/29/1983	55	1, 2
BB, DD	04/13/1983	56	1, 2
BB, DD	04/26/1983	57	1, 2
BB, DD	05/10/1983	58	1, 2
BB, DD	05/24/1983	59	1, 2
BB, DD	07/21/1983	63	1, 2
BB, DD	08/04/1983	64	1, 2
BB, DD	08/18/1983	65	1, 2

#### ***SEDWATER***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB, DD	02/10/1983	52	1, 2
BB, DD	02/25/1983	53	1, 2
BB, DD	03/11/1983	54	1, 2
BB, DD	04/26/1983	57	1, 2
BB, DD	05/10/1983	58	1, 2
BB, DD	05/24/1983	59	1, 2
BB, DD	06/13/1983	60	1, 2
BB, DD	08/04/1983	64	1, 2

#### ***REDOX***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
DD	04/26/1983	57	1, 2
DD	05/10/1983	58	1, 2
DD	06/13/1983	60	1, 2
BB, DD	07/08/1983	62	1, 2
BB	07/21/1983	63	1, 2
DD	08/18/1983	65	1, 2
BB, DD	09/06/1983	66	1, 2

### **1984**

*All Variables (Sample unavailable)*

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>	<b>Notes</b>
BB, DD	11/20/1984	96	1, 2	Tide wasn't low enough to take samples

**AIRTEMP**

Station	Date	Sample #	Replicate
BB, DD	04/17/1984	81	1, 2
BB, DD	10/05/1984	93	1, 2

**SEDWATER**

Station	Date	Sample #	Replicate
BB, DD	04/17/1984	81	1, 2

**REDOX**

Station	Date	Sample #	Replicate
DD	02/14/1984	77	1, 2
DD	04/30/1984	82	1, 2
DD	05/11/1984	83	1, 2
BB, DD	07/10/1984	87	1, 2
DD	07/25/1984	88	1, 2
BB	08/08/1984	89	1, 2
BB	08/27/1984	90	1, 2
DD	12/06/1984	97	1, 2

**1985**

No missing data.

**1986**

*All Variables (Sample unavailable)*

Station	Date	Sample #	Replicate	Notes
BB	02/06/1986	126	8	Sample and coring device lost overboard

**1987**

No missing data.

**1988**

No missing data.

**1989**

*All Variables (Sample unavailable)*

Station	Date	Sample #	Replicate	Notes
BB	05/03/1989	206	3	Sample lost/destroyed during Hurricane Hugo
BB	05/17/1989	207	8	Sample lost/destroyed during Hurricane Hugo
BB	06/15/1989	209	8	Sample lost/destroyed during Hurricane Hugo
BB	06/29/1989	210	2, 4, 8	Samples lost/destroyed during Hurricane Hugo
BB	07/14/1989	211	3	Sample lost/destroyed during Hurricane Hugo
BB	07/31/1989	212	2, 4, 6	Samples lost/destroyed during Hurricane Hugo
BB	08/15/1989	213	1, 4, 5, 7, 8	Samples lost/destroyed during Hurricane Hugo
BB	08/28/1989	214	2, 3	Samples lost/destroyed during Hurricane Hugo
BB	09/11/1989	215	3, 4, 6	Samples lost/destroyed during Hurricane Hugo

**1990**

No missing data.

**1991*****SEDWATER***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB	06/24/1991	259	1, 2, 3, 4, 5, 6, 7, 8

**1992*****AIRTEMP***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB	01/31/1992	274	1, 2, 3, 4, 5, 6, 7, 8

***SEDWATER***

<b>Station</b>	<b>Date</b>	<b>Sample #</b>	<b>Replicate</b>
BB	01/31/1992	274	1, 2, 3, 4, 5, 6, 7, 8