

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-2	Date (local)	25/08/2014
Core ID:	SWERUS-L2-2-PC1	Depth (m):	72
LAT:	72.516580	Orientation:	Yes
LON:	-175.319605	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	475	Offset depths indicate distance between probes, with 0 marking highest probe. Lowest position 31 cm above core nose. SAME FOR ALL DEPLOYMENTS
2	170	476	
3	130	477	
4	170	474	
5	108	478	
6	134	479	
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-4	Date (local)	25/08/2014
Core ID:	SWERUS-L2-4-PC1	Depth (m):	120
LAT:	72.838669	Orientation:	Yes
LON:	-175.727122	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	463	
2	300	461	
3	170	459	
4	108	458	
5	134	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-6	Date (local)	27/08/2014
Core ID:	SWERUS-L2-6-GC1	Depth (m):	353
LAT:	74.965096	Orientation:	No
LON:	179.790905	DSC:	

Position #	Offset (cm)	Probe	Comments
1	0	462	1 probe failed during run
2	90	474	
3	142	477	
4			
5			
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	Station 7	Date (local)	27/08/2014
Core ID:	SWERUS-L2-7-GC1	Depth (m):	392
LAT:	74.993181	Orientation:	Yes
LON:	179.819559	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	470	
2	276	463	
3	185	457	
4			
5			
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	Station 8	Date (local)	28/08/2014
Core ID:	SWERUS-L2-8-GC1	Depth (m):	555
LAT:	75.179820	Orientation:	No
LON:	179.837674	DSC:	

Position #	Offset (cm)	Probe	Comments
1	0	476	Only 80-90 second equilibration time. Shallow water, waves and wind.
2	276	470	
3	185	457	
4			
5			
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-8	Date (local)	28/08/2014
Core ID:	SWERUS-L2-8-PC1	Depth (m):	515
LAT:	75.135093	Orientation:	Yes
LON:	179.851639	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	255	474	
3	153	470	
4	338	463	
5	194	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-9	Date (local)	30/08/2014
Core ID:	SWERUS-L2-9-GC1	Depth (m):	475
LAT:	75.076126	Orientation:	Yes
LON:	-179.926110	DSC:	700

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	79	474	
3	87	470	
4	109.5	463	
5			
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-10	Date (local)	30/08/2014
Core ID:	SWERUS-L2-10-GC1	Depth (m):	1000
LAT:	75.503513	Orientation:	Yes
LON:	-179.099796	DSC:	700

Position #	Offset (cm)	Probe	Comments
1	0	477	Temperature probes were left in for GC's 10 and 11.
2	125.5	474	
3	115	463	
4	178	457	
5	129	470	
6			
7			



SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-11	Date (local)	30/08/2014
Core ID:	SWERUS-L2-11-GC1	Depth (m):	1018
LAT:	75.498605	Orientation:	Yes
LON:	-178.880571	DSC:	700

Position #	Offset (cm)	Probe	Comments
1	0	477	Temperature probes were left in for GC's 10 and 11.
2	125.5	474	
3	115	463	
4	178	457	
5	129	470	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-12	Date (local)	31/08/2014
Core ID:	SWERUS-L2-12-PC1	Depth (m):	384
LAT:	75.015920	Orientation:	Yes
LON:	179.752775	DSC:	700

Position #	Offset (cm)	Probe	Comments
1	0	477	Offset depths indicate distance between probes, with 0 marking highest probe. Lowest position 31 cm above core nose.
2	253	474	
3	150	470	
4	144	463	
5	162.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-13	Date (local)	02/09/2014
Core ID:	SWERUS-L2-13-GC1	Depth (m):	1109
LAT:	76.199546	Orientation:	Yes
LON:	-179.262114	DSC:	700

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	180	463	
5	129	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-13	Date (local)	02/09/2014
Core ID:	SWERUS-L2-13-PC1	Depth (m):	1119
LAT:	76.180605	Orientation:	Yes
LON:	-179.289132	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	253	474	
3	150.5	470	
4	144	463	
5	167	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-14	Date (local)	03/09/2014
Core ID:	SWERUS-L2-14-GC1	Depth (m):	737
LAT:	76.368032	Orientation:	Yes
LON:	176.432491	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	Check carefully.
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-15	Date (local)	03/09/2014
Core ID:	SWERUS-L2-15-GC1	Depth (m):	504
LAT:	76.323278	Orientation:	Yes
LON:	175.898134	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	Only 3 probes seemed to have penetrated. Check carefully.
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-16	Date (local)	04/09/2014
Core ID:	SWERUS-L2-16-GC1	Depth (m):	991
LAT:	76.502192	Orientation:	Yes
LON:	176.648144	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-17	Date (local)	04/09/2014
Core ID:	SWERUS-L2-17-PC1	Depth (m):	977
LAT:	76.464618	Orientation:	Yes
LON:	176.723823	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	211	474	
3	150	470	
4	163	463	
5	192.5	457	
6			
7			



SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-18	Date (local)	05/09/2014
Core ID:	SWERUS-L2-18-GC1	Depth (m):	351
LAT:	76.411590	Orientation:	Yes
LON:	173.788235	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-18	Date (local)	05/09/2014
Core ID:	SWERUS-L2-18-GC2	Depth (m):	340
LAT:	76.407537	Orientation:	Yes
LON:	173.919637	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-19	Date (local)	07/09/2014
Core ID:	SWERUS-L2-19-GC1	Depth (m):	104
LAT:	77.090994	Orientation:	Yes
LON:	162.617593	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	CORE FELL OVER. EMPTY.
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-20	Date (local)	07/09/2014
Core ID:	SWERUS-L2-20-GC1	Depth (m):	115
LAT:	77.359052	Orientation:	Yes
LON:	163.033304	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	<b>Diamict.</b> Only 2 probes penetrated.
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-22	Date (local)	08/09/2014
Core ID:	SWERUS-L2-22-GC1	Depth (m):	368
LAT:	78.228240	Orientation:	Yes
LON:	164.387534	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	<b>Diamict</b>
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-22	Date (local)	08/09/2014
Core ID:	SWERUS-L2-22-PC1	Depth (m):	364
LAT:	78.222926	Orientation:	Yes
LON:	164.461842	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	<b>Very Straight penetration.</b>
2	211	474	
3	150	470	
4	165	463	
5	189.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-23	Date (local)	08/09/2014
Core ID:	SWERUS-L2-23-GC1	Depth (m):	508
LAT:	78.660932	Orientation:	Yes
LON:	165.015603	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	<b>Bottom 4 appear to have penetrated.</b>
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-24	Date (local)	09/09/2014
Core ID:	SWERUS-L2-24-GC1	Depth (m):	964
LAT:	78.796922	Orientation:	Yes
LON:	165.366530	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			



SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-26	Date (local)	11/09/2014
Core ID:	SWERUS-L2-26-PC1	Depth (m):	395
LAT:	79.749284	Orientation:	Yes
LON:	154.400991	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	FELL OVER, FULL OF SILT/SAND. Temp probes and DSC have a 5 minute offset in start times.
2	211	474	
3	151	470	
4	158	463	
5	195	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-28	Date (local)	11/09/2014
Core ID:	SWERUS-L2-28-GC1	Depth (m):	1143
LAT:	79.924453	Orientation:	Yes
LON:	154.395755	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	126	474	
3	113	470	
4	164	463	
5	143	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-29	Date (local)	13/09/2014
Core ID:	SWERUS-L2-29-GC1	Depth (m):	824
LAT:	81.299356	Orientation:	Yes
LON:	141.782550	DSC:	696

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	125.5	474	
3	113	470	
4	164	463	
5	143.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-29	Date (local)	13/09/2014
Core ID:	SWERUS-L2-29-PC1	Depth (m):	899
LAT:	81.325804	Orientation:	Yes
LON:	141.749169	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	211	474	
3	151	470	
4	157	463	
5	194.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-30	Date (local)	14/09/2014
Core ID:	SWERUS-L2-30-SGC1	Depth (m):	1665
LAT:	80.466985	Orientation:	Yes
LON:	143.028528	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	139	474	
3	161	470	
4	146	463	
5	95	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-31	Date (local)	15/09/2014
Core ID:	SWERUS-L2-31-PC1	Depth (m):	1120
LAT:	79.914841	Orientation:	Yes
LON:	143.233458	DSC:	

Position #	Offset (cm)	Probe	Comments
1	0	477	
2	210	474	
3	152	470	
4	156.5	463	
5	124	457	
6	72	478	
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-32	Date (local)	20/09/2014
Core ID:	SWERUS-L2-32-GC1	Depth (m):	834
LAT:	85.132313	Orientation:	Yes
LON:	151.569013	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	457	Temp. Probe measurement interval set to 30 seconds by mistake. Maybe bottom 3 probes penetrated.
2	125.5	463	
3	113	470	
4	165	474	
5	142.5	477	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-32	Date (local)	20/09/2014
Core ID:	SWERUS-L2-32-GC2	Depth (m):	828
LAT:	85.152613	Orientation:	Yes
LON:	151.664309	DSC:	689

Position #	Offset (cm)	Probe	Comments
1	0	477	Temp. Probe measurement interval set to 30 seconds by mistake. Maybe bottom 3 probes penetrated. Probes activated a couple minutes after core entered water.
2	125.5	474	
3	113	470	
4	165	463	
5	142.5	457	
6			
7			



SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-33	Date (local)	
Core ID:	SWERUS-L2-33-GC1	Depth (m):	886
LAT:	84.274873	Orientation:	Yes
LON:	148.735319	DSC:	

Position #	Offset (cm)	Probe	Comments
1	0	477	Temp. Probe measurement interval set to 30 seconds by mistake.
2	125.5	474	
3	113	470	
4	165	463	
5	142.5	457	
6			
7			

SWERUS Leg 2 In-Situ Temperature Measurements

Station:	SWERUS-L2-33	Date (local)	21/09/2014
Core ID:	SWERUS-L2-33-PC1	Depth (m):	888
LAT:	84.282038	Orientation:	Yes
LON:	148.646753	DSC:	698

Position #	Offset (cm)	Probe	Comments
1	0	478	Temp. Probe measurement interval set to 30 seconds by mistake.
2	210.5	477	
3	152.5	474	
4	154.5	470	
5	126	463	
6	74	457	
7			