
This document contains updates of figures 2 & 11 and table 5 of
Behrendt A., W. Dierking, E. Fahrbach, H. Witte (2013) *Sea ice draft in the
Weddell Sea, measured by upward looking sonars*, Earth System Science Data, 5,
209-226, doi:10.5194/essd-5-209-2013

AWI ULS DATA
ANTARCTIC SEA ICE THICKNESS

Available ULS Data

ULS Number	Instrument Type	Software	Depth [m]	Lograte [min]	Deployment Period	Position		Analysts
						Lat	Lon	
AWI 206-4 ^{••}	ES-300 V	3.0	157	15	05/96 - 04/98	63°29.6'S; 52°06.1'W		H [×]
AWI 206-6 [◊]	ES-300 X [◊]	1.03	150	1	03/08 - 01/11	63°28.8'S; 52°05.8'W		W/B
AWI 207-2 [◊]	ES-300 V	1.0	165	8	11/90 - 11/92	63°45.1'S; 50°54.3'W		W/B
AWI 207-4 [◊]	ES-300 V	3.0	174	15	05/96 - 04/98	63°43.3'S; 50°49.2'W		W/B
AWI 207-6 [◊]	ES-300 VIII [◊]	4.5	148	3	03/05 - 03/08	63°42.2'S; 50°52.2'W		W/B
AWI 207-7 [◊]	ES-300 X [◊]	1.03	148	1	03/08 - 09/08	63°42.2'S; 50°52.2'W		W/B
AWI 208-3 [•]	ES-300 V	1.0	125	4	01/93 - 01/95	65°37.7'S; 36°29.4'W		W/B
AWI 208-5 [◊]	ES-300 X [◊]	1.03	154	1	03/08 - 01/11	65°36.9'S; 36°24.4'W		W/B
AWI 209-3 [◊]	ES-300 V	1.0	100	4	12/92 - 01/95	66°37.4'S; 27°07.2'W		W/B
AWI 210-2 [◊]	ES-300 V	1.0	151	8	12/90 - 12/92	69°39.6'S; 15°42.9'W		W/B
AWI 212-2 [•]	ES-300 V	1.0	135	8	12/90 - 12/92	70°54.7'S; 11°57.8'W		W/B
AWI 217-1 [◊]	ES-300 V	1.0	141	8	11/90 - 11/92	64°25.1'S; 45°51.0'W		W/B
AWI 227-3 ^{◊•}	ES-300 V	1.0	156	8	04/96 - 01/97	59°01.8'S; 00°00.0'W		H [×]
AWI 227-4 [•]	ES-300 VI	4.0	145	3	01/97 - 05/98	59°04.3'S; 00°01.3'E		W/B
AWI 227-6 [◊]	ES-300 VIII	4.0	143	8	03/99 - 12/00	59°04.2'S; 00°04.4'E		W/D
AWI 229-1 [◊]	ES-300 V	3.0	165	15	04/96 - 05/98	63°59.6'S; 00°00.3'W		W/B
AWI 229-2 [◊]	ES-300 VIII	4.1	150	4	05/98 - 03/99	63°58.5'S; 00°04.6'W		W/D
AWI 229-3 [◊]	ES-300 V	3.0	125	4	03/99 - 12/00	63°57.8'S; 00°02.3'E		W/D
AWI 229-4 [◊]	ES-300 V	3.0	148	4	12/00 - 12/02	63°57.9'S; 00°02.4'E		W/D
AWI 229-5 [◊]	ES-300 VIII [◊]	4.3	147	4	12/02 - 02/05	63°57.2'S; 00°00.2'W		W/D
AWI 229-6 [◊]	ES-300 VIII [◊]	4.5	147	1	02/05 - 12/05	63°57.2'S; 00°00.4'W		W/D
AWI 229-8 [◊]	ES-300 X [◊]	1.10	141	0.5	02/08 - 12/10	63°58.0'S; 00°03.1'W		W/B
AWI 230-2 [•]	ES-300 V	3.0	153	4	01/99 - 12/00	66°00.3'S; 00°10.6'W		W/D
AWI 230-3 [•]	ES-300 VI	4.0	170	4	12/00 - 12/02	66°00.3'S; 00°10.4'E		W/D
AWI 231-1 [•]	ES-300 V	3.0	160	15	04/96 - 05/98	66°30.0'S; 00°00.4'W		W/B
AWI 231-2 [◊]	ES-300 VIII	4.1	186	4	05/98 - 01/99	66°30.06'S; 00°01.1'W		W/D
AWI 231-3 [◊]	ES-300 V	3.0	102	4	01/99 - 12/00	66°29.9'S; 00°00.9'W		W/D
AWI 231-4 [◊]	ES-300 VIII	4.0	179	4	12/00 - 12/02	66°30.0'S; 00°01.8'W		W/D
AWI 231-6 [◊]	ES-300 VIII [◊]	4.5	151	1	02/05 - 12/05	66°30.7'S; 00°01.9'W		W/D
AWI 231-7 [◊]	ES-300 VIII [◊]	4.3	120	2	12/05 - 03/08	66°30.7'S; 00°01.9'W		W/B

Analysts: **W**: H. Witte, **B**: A. Behrendt, **D**: W. Dierking, **H**: S. Harms

Pressure Sensors: [•] Druck PDCR 130/W, [◊] Lucas Schaevitz P9066-0101, [•] damaged pressure sensor

[◊]XDR included (*Extended Dynamic Range*), [×] different processing algorithm

...continued

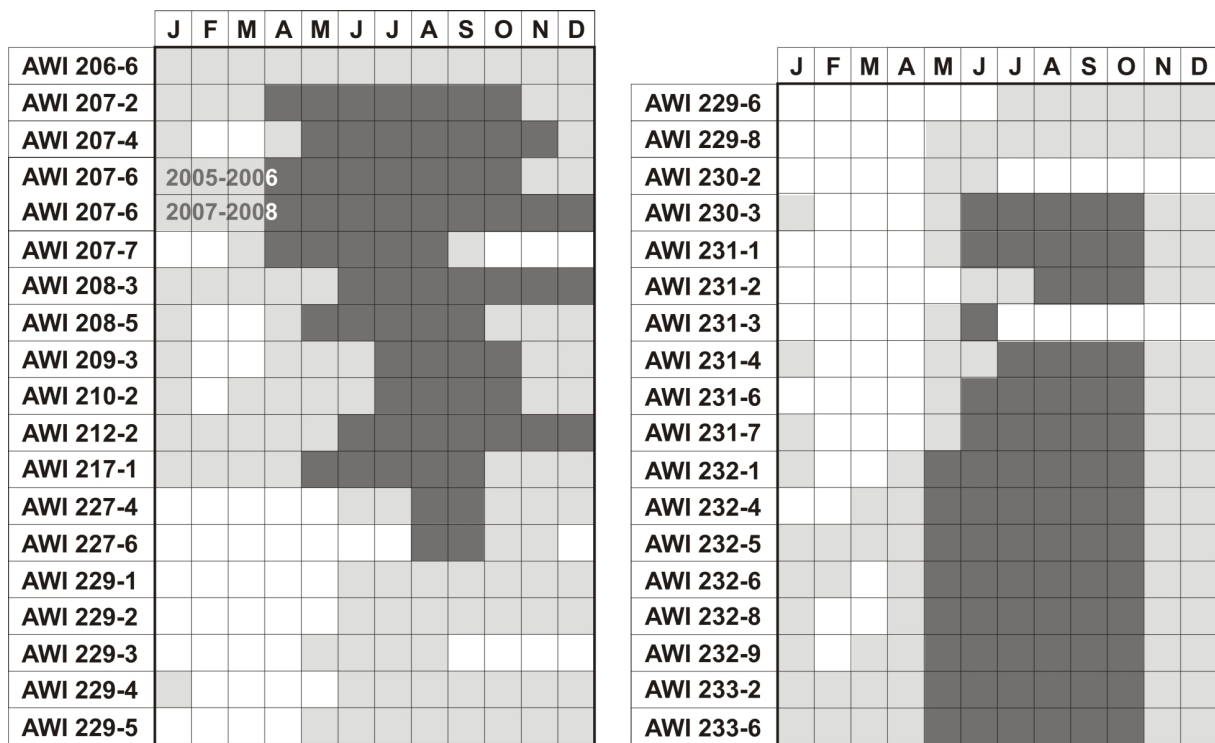
ULS Number	Instrument Type	Soft-ware	Depth [m]	Lograte [min]	Deployment Period	Position		Ana-lysts
						Lat	Lon	
AWI 232-1 [•]	ES-300 V	3.0	147	15	04/96 - 02/97	69°00.0'S; 00°00.0'W		W/B
AWI 232-4 [•]	ES-300 VI	4.0	169	4	01/99 - 12/00	68°59.7'S; 00°01.9'E		W/D
AWI 232-5 [◊]	ES-300 VIII	4.0	181	4	12/00 - 12/02	68°59.5'S; 00°02.2'W		W/D
AWI 232-6 [◊]	ES-300 VIII [◊]	4.3	175	4	12/02 - 02/05	68°59.9'S; 00°00.3'W		W/D
AWI 232-8 [◊]	ES-300 VIII [◊]	4.3	125	2	12/05 - 03/08	68°59.8'S; 00°00.1'W		W/B
AWI 232-9 [◊]	ES-300 VIII [◊]	4.3	145	2	03/08 - 12/10	68°59.7'S; 00°00.2'E		W/B
AWI 233-2 [•]	ES-300 VI	4.0	154	3	02/97 - 04/98	69°24.2'S; 00°00.0'E		W/B
AWI 233-6 [◊]	ES-300 VIII [◊]	4.3	165	4	12/02 - 02/05	69°23.7'S; 00°04.0'W		W/D

Analysts: **W**: H. Witte, **B**: A. Behrendt, **D**: W. Dierking, **H**: S. Harms

Pressure Sensors: [•]Druck PDCR 130/W, [◊]Lucas Schaevitz P9066-0101, [•] damaged pressure sensor

[◊]XDR included (*Extended Dynamic Range*), [×] different processing algorithm

A sound speed model correction (usually columns 7 & 8 of the data) was not possible for AWI 206-6, AWI 230-2 and all files of AWI-229!



Zero-Line Interpolation
 Sound Speed Model & Zero Line Interp.
 No Ice Recorded

