

**BOOS SEALEVEL STATIONS 2019**

Mean sealevel (MSL) in different height systems

MSL based upon regression analysis since measurement start (Sweden)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

RH2000 = Swedish Height System 2000, heights referred to Amsterdam (NAP)

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000	Correction*
						RH2000	to
						cm	BSCD2000
							m
SWEDEN	SMHI	2588/33088	Haparanda discontinued	65.7717	23.9029	7.3	0.073
SWEDEN	SMA	59/35103	KALIX KARLSBORG	65.7888	23.3033	7.5	0.075
SWEDEN	SMHI	2157/33051	KALIX STORÖ	65.6969	23.0961	6.7	0.067
SWEDEN	SMA	115/35183	STRÖMÖREN	65.5497	22.2383	5.9	0.059
SWEDEN	SMHI	2055/33052	FURUÖGRUND	64.9158	21.2306	2.1	0.021
SWEDEN	SMA	40/35240	GÅSÖREN	64.6633	21.3167	2.4	0.024
SWEDEN	SMHI	2056/33053	RATAN	63.9861	20.8950	4.0	0.040
SWEDEN	SMA	57/35124	HOLMSUND	63.6555	20.3410	3.0	0.030
SWEDEN	SMA	110/35138	SKAGSUDE	63.1906	19.0125	1.2	0.012
SWEDEN	SMHI	2321/33054	SKAGSUDE	63.1906	19.0125	1.2	0.012
SWEDEN	SMA	85/35153	SVANÖ	62.8900	17.8691	1.7	0.017
SWEDEN	SMHI	2062/33074	Draghällan discontinued	62.3333	17.4667	2.1	0.021
SWEDEN	SMA	109/35125	SPIKARNA	62.3633	17.5311	2.1	0.021
SWEDEN	SMHI	2061/33055	SPIKARNA	62.3633	17.5311	2.1	0.021
SWEDEN	SMA	66/35166	LJUSNE ORRSKÄRSKAJEN	61.2112	17.1641	4.7	0.047
SWEDEN	SMA	33/35119	BÖNAN	60.7315	17.3258	6.2	0.062
SWEDEN	SMHI	2067/33075	Björn discontinued	60.6333	17.9667	6.8	0.068
SWEDEN	SMHI	2179/33056	FORSMARK	60.4086	18.2108	7.3	0.073
SWEDEN	SMA	67/35154	LOUDDEN	59.3425	18.1413	9.2	0.092
SWEDEN	SMHI	2069/33057	STOCKHOLM	59.3242	18.0817	9.3	0.093
SWEDEN	SMA	71/35113	NYNÄSHAMN	58.9172	17.9730	8.7	0.087
SWEDEN	SMHI	2507/33058	LANDSORT NORRA	58.7689	17.8589	8.9	0.089
SWEDEN	SMHI	2073/33076	Landsort discontinued	58.7500	17.8667	8.9	0.089
SWEDEN	SMA	2/35102	LANDSORT	58.7400	17.8700	8.9	0.089
SWEDEN	SMA	34/35185	E4 BRON SÖDERTÄLJE	59.1848	17.6428	8.8	0.088
SWEDEN	SMA	10/35161	OXELÖSUND	58.6400	17.1200	9.9	0.099
SWEDEN	SMA	58/35101	JUTEN	58.6342	16.3248	10.3	0.103
SWEDEN	SMHI	2076/33059	MARVIKEN	58.5536	16.8372	10.3	0.103
SWEDEN	SMHI	2545/33085	ARKÖ	58.4843	16.9607	11.2	0.112
SWEDEN	SMA	93/35151	VÄSTERVIK	57.7473	16.7416	11.4	0.114
SWEDEN	SMA	90/35108	VISBY	57.6392	18.2844	9.2	0.092
SWEDEN	SMHI	2080/33060	VISBY	57.6392	18.2844	9.2	0.092
SWEDEN	SMA	81/35114	SLITE	57.7060	18.8100	9.2	0.092
SWEDEN	SKB	77/35200	SIMPEVARP	57.4092	16.6759	11.9	0.119
SWEDEN	SMHI	2083/33061	ÖLANDS NORRA UDDE	57.3661	17.0972	11.8	0.118
SWEDEN	SMHI	2085/33062	OSKARSHAMN	57.2750	16.4781	12.2	0.122
SWEDEN	SMA	60/35105	KALMAR	56.6713	16.3888	12.7	0.127
SWEDEN	SMHI	2088/33063	KUNGSHOLMSFORT	56.1053	15.5894	13.3	0.133
SWEDEN	SMA	61/35131	KARLSHAMN	56.1542	14.8212	13.8	0.138
SWEDEN	SMHI	2543/33083	Åhus discontinued	55.9284	14.3286	15.0	0.150
SWEDEN	SMHI	2320/33064	SIMRISHAMN	55.5575	14.3578	15.8	0.158
SWEDEN	SMHI	2093/33078	Ystad discontinued	55.4167	13.8167	15.6	0.156
SWEDEN	SMA	94/35159	YSTAD	55.4167	13.8167	15.6	0.156



BOOS SEALEVEL STATIONS

Mean sealevel (MSL) in different height systems

MSL based upon regression analysis since measurement start (Sweden)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

RH2000 = Swedish Height System 2000, heights referred to Amsterdam (NAP)

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000	Correction*
						RH2000	to
						cm	BSCD2000
							m
SWEDEN	SMHI	30488/33065	SKANÖR	55.4167	12.8294	15.7	0.157
SWEDEN	SMHI	2095/33066	KLAGSHAMN	55.5222	12.8936	12.9	0.129
SWEDEN	SMA	91/35136	FLINTEN 16	55.5610	12.8095	12.8	0.128
SWEDEN	SMA	86/35137	FLINTEN 7	55.5894	12.8445	12.7	0.127
SWEDEN	SMA	68/35152	MALMÖ HAMN	55.6257	12.9845	12.5	0.125
SWEDEN	SMHI	2098/33077	Malmö discontinued	55.6167	13.0000	12.5	0.125
SWEDEN	SMHI	2099/33067	BARSEBÄCK	55.7564	12.9033	12.1	0.121
SWEDEN	SMA	45/35110	HELSINGBORG	56.0412	12.6845	9.0	0.090
SWEDEN	SMHI	2228/33068	VIKEN	56.1422	12.5792	8.0	0.080
SWEDEN	SMHI	2542/33082	Ängelholm discontinued	56.2980	12.7865	7.2	0.072
SWEDEN	SMA	43/35115	HALMSTAD	56.6488	12.8358	5.8	0.058
SWEDEN	SMA	36/35213	FALKENBERG VA	56.8920	12.4895	5.1	0.051
SWEDEN	SMHI	2104/33079	Varberg discontinued	57.1000	12.2167	4.6	0.046
SWEDEN	SMA	81/35133	VARBERG	57.1111	12.2386	4.6	0.046
SWEDEN	SMHI	2105/33069	RINGHALS	57.2497	12.1125	4.0	0.040
SWEDEN	CTH	2544/33084	ONSALA	57.3920	11.9190	3.6	0.036
SWEDEN	SMA	114/35144	VINGA	57.6317	11.6076	2.0	0.020
SWEDEN	SMA	100/35171	MÅVHOLMSBÅDAN	57.6723	11.7075	2.3	0.023
SWEDEN	SMA	101/35172	TORSHAMNEN GBG HAMN	57.6805	11.7882	2.8	0.028
SWEDEN	SMHI	2109/33070	GBG-TORSHAMNEN	57.6847	11.7906	2.8	0.028
SWEDEN	SMA	99/35184	KARET GBG HAMN	57.6878	11.8696	4.3	0.043
SWEDEN	GU	33091	GÖTEBORG-ÄLVSBORGSBRON	57.6914	11.9011	5.0	0.050
SWEDEN	SMHI	2108/33080	Göteborg-Klippan discontinue	57.6917	11.9083	5.1	0.051
SWEDEN	GBG	33096	GÖTEBORG-ERIKSBERG	57.6967	11.9089	5.3	0.053
SWEDEN	SMA	42/35203	GÖTAÄLVBRON	57.7144	11.9675	7.6	0.076
SWEDEN	GBG	33092	GÖTEBORG-GÖTAÄLVBRON	57.7147	11.9669	7.6	0.076
SWEDEN	SMHI	2508/33089	Göteborg-Ringön discontinue	57.7181	11.9683	7.6	0.076
SWEDEN	GBG	33093	GÖTEBORG-TINGSTADSTUNN	57.7231	11.9869	7.9	0.079
SWEDEN	GBG	33094	GÖTEBORG-LÄRJEHOLM	57.7658	12.0056	13.7	0.137
SWEDEN	GBG	33095	GÖTEBORG-AGNESBERG	57.7897	12.0100	15.1	0.151
SWEDEN	SMA	69/35104	MARSTRAND	57.8880	11.5732	1.2	0.012
SWEDEN	SMHI	2110/33071	STENUNGSUND	58.0933	11.8325	-1.5	-0.015
SWEDEN	SMHI	2541/33081	UDDEVALLA	58.3475	11.8948	-2.9	-0.029
SWEDEN	SMA	32/35109	BROFJORDEN	58.3360	11.4046	-4.2	-0.042
SWEDEN	SMHI	2111/33072	SMÖGEN	58.3536	11.2178	-4.2	-0.042
SWEDEN	SMHI	2130/33073	KUNGSVIK	58.9967	11.1272	-4.8	-0.048



BOOS SEALEVEL STATIONS 2019

Mean sealevel (MSL) in different height systems
MSL defined as the zero-level in DVR90 (Denmark)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

DVR90 = Danish Vertical Reference 1990, heights referred to Amsterdam (NAP)

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000 DVR90 cm	Correction* to BSCD2000 m
DENMARK	DMI	33101	Drogden	55.5358	12.7117	0.0	0.000
DENMARK	DMI	33121	Skagen	57.7194	10.5858	0.0	0.000
DENMARK	DMI	33124	Grenå	56.4111	10.9306	0.0	0.000
DENMARK	DMI	33128	Sjællands Odde	55.9750	11.3722	0.0	0.000
DENMARK	DMI	33129	Juelsminde	55.7167	10.0167	0.0	0.000
DENMARK	DMI	33130	Nordre Røse	55.6361	12.6867	0.0	0.000
DENMARK	DMI	33133	Rödvig	55.2542	12.3728	0.0	0.000
DENMARK	DMI	33140	Ballen	55.8167	10.6444	0.0	0.000
DENMARK	DMI	33147	Bagenkop	54.7528	10.6778	0.0	0.000
DENMARK	DMI	33171	Hornbaek	56.1000	12.4667	0.0	0.000
DENMARK	DMI	33172	Korsör	55.3333	11.1333	0.0	0.000
DENMARK	DMI	33173	Slipshavn	55.2833	10.8333	0.0	0.000
DENMARK	DMI	33174	Tejn	55.2500	14.8333	0.0	0.000
DENMARK	DMI	33175	Gedser	54.5667	11.9333	0.0	0.000
DENMARK	DMI	33176	Aarhus	56.1500	10.2167	0.0	0.000
DENMARK	DMI	33177	Esbjerg	55.4667	8.4333	0.0	0.000
DENMARK	DMI	33178	Fredericia	55.5667	9.7500	0.0	0.000
DENMARK	DMI	33179	Frederikshavn	57.4333	10.5667	0.0	0.000
DENMARK	DMI	33180	Fynshav	55.0000	9.9833	0.0	0.000
DENMARK	DMI	33181	Hanstholm	57.1167	8.6000	0.0	0.000
DENMARK	DMI	33182	Hirtshals	57.6000	9.9667	0.0	0.000
DENMARK	DMI	33183	Köbenhavn	55.7000	12.6000	0.0	0.000
DENMARK	DMI	33184	Rødby	54.6500	11.3500	0.0	0.000
DENMARK	DMI	33185	Vidå	54.9667	8.6667	0.0	0.000
DENMARK	DMI	33186	Vedbaek	55.8500	12.5667	0.0	0.000
DENMARK	DMI	33187	Hobro	56.6333	9.8000	0.0	0.000
DENMARK	DMI	33188	Udbyhoej	56.6000	10.3000	0.0	0.000
DENMARK	DMI	33189	Randers	56.4500	10.0500	0.0	0.000
DENMARK	DMI	33190	Hov	55.9167	10.2667	0.0	0.000
DENMARK	DMI	33191	Holbaek	55.7167	11.7167	0.0	0.000
DENMARK	DMI	33192	Dragör	55.6000	12.6833	0.0	0.000
DENMARK	DMI	33193	Roskilde	55.6500	12.0833	0.0	0.000
DENMARK	DMI	33194	Köge	55.4500	12.2000	0.0	0.000



BOOS SEALEVEL STATIONS 2019

Mean sealevel (MSL) in different height systems
MSL calculated from long time series (Germany)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

EVRF2007 = European Vertical Reference Frame 2007, heights referred to Amsterdam (NAP)

DHHN92 = German Height System 1992, heights referred to Amsterdam (NAP)

DHHN2016 = German Height System 2016, heights referred to Amsterdam (NAP)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	Correction to		
						EVRF2007 cm	DHHN92 cm	DHHN92 m
GERMANY	WSA	33221	Kiel-Holtenau	54.3722	10.1569	-0.5	-0.5	-5.000
GERMANY	WSA	33222	Koserow	54.0603	14.0008	-1.2	-1.2	-5.140
GERMANY	WSA	33223	Sassnitz	54.5108	13.6431	-1.3	-1.3	-5.140
GERMANY	WSA	33224	Travemünde	53.9581	10.8722	1.0	1.0	-5.010
GERMANY	WSA	33225	Warnemünde	54.1697	12.1033	-1.3	-1.3	-5.140
GERMANY	WSA	33226	Wolgast	54.0417	13.7703	-1.2	-1.2	-5.140
GERMANY	WSA	33227	Wismar	53.8989	11.4581	-0.1	-0.1	-5.140
GERMANY	WSA	33228	Ueckermünde	53.7503	14.0664	-1.3	-1.3	-5.140
GERMANY	WSA	33229	Timmendorf Poel	53.9919	11.3756	0.3	0.3	-5.140
GERMANY	WSA	33230	Stralsund	54.3153	13.0986	-1.4	-1.4	-5.140
GERMANY	WSA	33231	Schleswig	54.5114	9.5692	2.3	2.3	-5.020
GERMANY	WSA	33232	Schleimünde	54.6733	10.0367	0.3	0.3	-5.000
GERMANY	WSA	33233	Rostock	54.0831	12.1550	-1.3	-1.3	-5.140
GERMANY	WSA	33234	Neustadt	54.0967	10.8128	0.0	0.0	-5.000
GERMANY	WSA	33235	Lübeck	53.8931	10.7031	1.3	1.3	-5.010
GERMANY	WSA	33236	Langballigau	54.8233	9.6542	1.7	1.7	-5.020
GERMANY	WSA	33237	Kiel LT	54.4997	10.2733	-1.5	-1.5	-4.990
GERMANY	WSA	33238	Kappeln	54.6644	9.9381	-0.6	-0.6	-4.990
GERMANY	WSA	33239	Kalkgrund	54.8247	9.8881	-1.3	-1.3	-4.990
GERMANY	WSA	33240	Althagen	54.3769	12.4194	-1.4	-1.4	-5.140
GERMANY	WSA	33241	Eckernförde	54.4747	9.8361	0.4	0.4	-5.000
GERMANY	WSA	33242	Flensburg	54.7950	9.4331	0.8	0.8	-5.010
GERMANY	WSA	33243	Greifswald	54.0928	13.4461	-1.2	-1.2	-5.140
GERMANY	WSA	33244	Heiligenhafen	54.3731	11.0056	-1.5	-1.5	-4.990
GERMANY	WSA	33245	Wittower Fähre	54.5575	13.2450	-1.4	-1.4	-5.140
GERMANY	WSA	33246	Barhöft	54.4397	13.0328	-1.4	-1.4	-5.140
GERMANY	WSA	33251	Borkum	53.5575	6.7478	3.0	3.0	-5.030
GERMANY	WSA	33252	Bremerhaven	53.5450	8.5681	-2.0	-2.0	-4.980
GERMANY	WSA	33253	Cuxhaven	53.8678	8.7175	2.0	2.0	-5.020
GERMANY	WSA	33254	Helgoland	54.1789	7.8900	0.0	0.0	-5.000
GERMANY	WSA	33255	Husum	54.4722	9.0247	0.0	0.0	-5.000
GERMANY	WSA	33256	Wittdün	54.6317	8.3839	0.0	0.0	-5.000
GERMANY	WSA	33257	Busum	54.1222	8.8592	0.0	0.0	-5.000
GERMANY	WSA	33258	Emden	53.3367	7.1864	0.0	0.0	-5.000
GERMANY	WSA	33259	Wilhelmshaven	53.5144	8.1450	2.0	2.0	-5.020

Cursive values in red are approximations



BOOS SEALEVEL STATIONS 2019

Mean sealevel (MSL) in different height systems
 MSL based upon data 2000-2018 (Poland)
 MSL defined as the 5m-level in BHS77 (Lithuania)
 2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

PL-EVRF2007-NH = Polish Height System, heights referred to Amsterdam (NAP)

PL-KRON86-NH = Old Polish Height System, heights referred to Kronstadt

LAS07 = Lithuanian Height System, heights referred to Amsterdam (NAP)

BAS77/BHS77/BK77 = Baltic Height System, heights referred to Kronstadt

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000		
						PL- EVRF2007- NH cm	PL- KRON86- NH cm	Correction* to BSCD2000 m
POLAND	IMWM	33321	Ustka	54.5880	16.8538	7.5	0.5	-5.000
POLAND	IMWM	33322	Gdansk	54.3997	18.6981	12.6	4.7	-5.000
POLAND	IMWM	33323	Gdynia	54.5177	18.5552	10.2	2.6	-5.000
POLAND	IMWM	33324	Wladyslawowo	54.7968	18.4187	7.4	-0.4	-5.000
POLAND	IMWM	33325	Leba	54.7634	17.5505	6.6	-1.7	-5.000
POLAND	IMWM	33326	Darlowo	54.4392	16.3802	11.6	4.3	-5.000
POLAND	IMWM	33327	Kolobrzeg	54.1866	15.5534	6.4	-1.2	-5.000
POLAND	IMWM	33328	Swinoujscie	53.9084	14.2543	4.9	-3.5	-5.000
POLAND	IMWM	33329	Puck	54.7224	18.4107	6.9	-1.3	-5.000
POLAND	IMWM	33330	Dziwnow	54.0206	14.7317	5.8	-2.6	-5.000
POLAND	IMWM	33371	Hel	54.6020	17.8007	5.9	-2.4	-5.000

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BAS77		
						BSCD2000 LAS07 cm	BHS77 BK77 cm	Correction* to BSCD2000 m
LITHUANIA	LEPA	33421	Klaipėda-Molas 25S-1522	55.7302	21.0811	12.6	0.0	-4.874
LITHUANIA	LEPA	33422	Šventoji 26V-0002	56.0292	21.0739	13.6	0.0	-4.864
LITHUANIA	LEPA	33423	Šventoji 26V-0003	56.0293	21.0720	13.6	0.0	-4.864
LITHUANIA	LEPA	33424	Palanga 26V25081	55.9200	21.0503	13.3	0.0	-4.868
LITHUANIA	LEPA	33425	Palanga 26V25082	55.9204	21.0444	13.2	0.0	-4.868
LITHUANIA	LEPA	33426	Klaipėda 25V15289	55.7136	21.1188	12.6	0.0	-4.874
LITHUANIA	LEPA	33427	Juodkrantė 25V-0016	55.5334	21.1215	12.0	0.0	-4.880
LITHUANIA	LEPA	33428	Juodkrantė 25V25102	55.5333	21.1214	12.0	0.0	-4.880
LITHUANIA	LEPA	33429	Nida 24V-0018	55.3027	21.0106	11.1	0.0	-4.889
LITHUANIA	LEPA	33430	Nida 24V25100	55.3028	21.0099	11.1	0.0	-4.889
LITHUANIA	LEPA	33431	Ventė 24V-0008	55.3409	21.1899	11.5	0.0	-4.886
LITHUANIA	LEPA	33432	Ventė 24V-3609	55.3409	21.1898	11.5	0.0	-4.886
LITHUANIA	LEPA	33433	Uostadvaris 24V25109	55.3438	21.2902	11.6	0.0	-4.884
LITHUANIA	LEPA	33434	Uostadvaris 24V-0009	55.3442	21.2914	11.6	0.0	-4.884

**BOOS SEALEVEL STATIONS 2019**

Mean sealevel (MSL) in different height systems
 MSL defined as the 5m-level in BHS77 (Latvia, Estonia)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

LAS2000,5 = Latvian Height System, heights referred to Amsterdam (NAP)

EH2000 = Estonian Height System 2000, heights referred to Amsterdam (NAP)

BAS77/BHS77/BK77 = Baltic Height System, heights referred to Kronstadt

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000	BAS77	Correction*
						LAS2000,5	BHS77	to
						cm	cm	BSCD2000
								m
LATVIA	LEGMA	33521	Kolka	57.7372	22.5928	16.9	0.0	-4.831
LATVIA	LEGMA	33522	Daugavgriva	57.0594	24.0233	15.5	0.0	-4.845
LATVIA	LEGMA	33523	Liepaja	56.5156	20.9994	16.8	0.0	-4.832
LATVIA	LEGMA	33524	Mesrags	57.3347	23.1328	16.3	0.0	-4.837
LATVIA	LEGMA	33525	Salacgriva	57.7553	24.3536	15.8	0.0	-4.842
LATVIA	LEGMA	33526	Skulte	57.3158	24.4094	16.5	0.0	-4.835
LATVIA	LEGMA	33527	Ventspils	57.3956	21.5344	17.2	0.0	-4.828
LATVIA	LEGMA	33528	Lielupe	56.9836	23.8875	15.5	0.0	-4.845
LATVIA	LEGMA	33529	Roja	57.5067	22.8017	16.6	0.0	-4.834

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000	BAS77	Correction*
						EH2000	BK77	to
						cm	cm	BSCD2000
								m
ESTONIA	MSI	33621	Lehtma	59.0690	22.6969	26.0	0.0	-4.740
ESTONIA	EWS	33622	Pärnu	58.3889	24.4868	18.0	0.0	-4.820
ESTONIA	EWS	33623	Sõru	58.6938	22.5229	22.0	0.0	-4.780
ESTONIA	MSI	33624	Tallinn	59.4444	24.7637	24.0	0.0	-4.760
ESTONIA	MSI	33625	Paldiski	59.3349	24.0796	23.0	0.0	-4.770
ESTONIA	MSI	33626	Sillamäe	59.4227	27.7401	20.0	0.0	-4.800
ESTONIA	MSI	33627	Muuga	59.5000	24.9667	24.0	0.0	-4.760
ESTONIA	MSI	33628	Heltermaa	58.8664	23.0466	24.0	0.0	-4.760
ESTONIA	MSI	33629	Rohukula	58.9049	23.4248	22.0	0.0	-4.780
ESTONIA	MSI	33630	Virtsu	58.5761	23.5081	21.0	0.0	-4.790
ESTONIA	MSI	33631	Kuivastu	58.5742	23.3935	22.0	0.0	-4.780
ESTONIA	MSI	33632	Triigi	58.5914	22.7173	21.0	0.0	-4.790
ESTONIA	MSI	33633	Munalaid	58.2280	24.1185	20.0	0.0	-4.800
ESTONIA	EWS	33634	Dirhami	59.2094	23.4983	21.0	0.0	-4.790
ESTONIA	EWS	33635	Haapsalu	58.9444	23.5550	21.0	0.0	-4.790
ESTONIA	EWS	33636	Kunda	59.5178	26.5447	22.0	0.0	-4.780
ESTONIA	EWS	33637	Ristna	58.9208	22.0664	26.0	0.0	-4.740
ESTONIA	EWS	33638	Rohuneeme	59.5625	24.7944	25.0	0.0	-4.750
ESTONIA	EWS	33639	Ruhnu	57.7833	23.2589	20.0	0.0	-4.800
ESTONIA	MSI	33640	Eisma	59.5680	26.3050	23.0	0.0	-4.770
ESTONIA	MSI	33641	Kelnase	59.6380	25.0150	24.0	0.0	-4.760
ESTONIA	MSI	33643	Leppneeme	59.5531	24.8662	25.0	0.0	-4.750



BOOS SEALEVEL STATIONS 2019

Mean sealevel (MSL) in different height systems

MSL based upon regression analysis since measurement start (Finland)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

Russian Height System, heights referred to Amsterdam (NAP), **not yet available**

BAS77/BHS77/BK77 = Baltic Height System, heights referred to Kronstadt

N2000 = Finnish Height System, heights referred to Amsterdam (NAP)

N60 = Finnish Height System, heights referred to Amsterdam (NAP)

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000		
						Russian height system cm	BAS77 BHS77 BK77 cm	Correction* to BSCD2000 m
RUSSIA	NWAHEM	33721	S:t Petersburg	59.9333	30.2667		0.0	
RUSSIA	NWAHEM	33722	Kronstadt	59.9667	29.7500		0.0	
RUSSIA	RUMS	33723	Hogland	60.0167	27.0000		0.0	

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000		
						N2000 cm	N60 cm	Correction* to BSCD2000 m
FINLAND	FMI	33821	Kemi	65.6667	24.5167	10.0	-31.1	0.100
FINLAND	FMI	33828	Oulu (Uleåborg)	65.0400	25.4200	9.9	-30.0	0.099
FINLAND	FMI	33830	Raahe (Brahestad)	64.6700	24.4100	9.7	-32.8	0.097
FINLAND	FMI	33822	Pietarsaari (Jakobstad)	63.7000	22.7000	7.7	-36.3	0.077
FINLAND	FMI	33833	Vaasa (Vasa)	63.0800	21.5700	8.3	-35.1	0.083
FINLAND	FMI	33823	Kaskinen (Kaskö)	62.3333	21.2167	10.5	-32.0	0.105
FINLAND	FMI	33829	Pori (Mäntyluoto/Björneborg)	61.5900	21.4600	12.5	-25.9	0.125
FINLAND	FMI	33831	Rauma (Raumo)	61.1300	21.4600	12.2	-21.9	0.122
FINLAND	FMI	33832	Turku (Åbo)	60.4300	22.1000	14.9	-14.3	0.149
FINLAND	FMI	33824	Degerby (Föglö)	60.0333	20.3833	11.6	-15.7	0.116
FINLAND	FMI	33827	Hanko (Hangö)	59.8200	22.9800	17.8	-7.4	0.178
FINLAND	FMI	33825	Helsinki (Helsingfors)	60.1500	24.9667	20.4	-4.8	0.204
FINLAND	FMI	33834	Porvoo (Borgå)	60.2058	25.6251	20.5	-3.7	0.205
FINLAND	FMI	33826	Hamina (Fredrikshamn)	60.5667	27.1833	20.8	-0.4	0.208



BOOS SEALEVEL STATIONS 2019

Mean sealevel (MSL) in different height systems

MSL calculated from observations over the period 1996-2014 (Norway)

2019-02-18

BSCD2000 = Baltic Sea Chart Datum 2000, heights referred to Amsterdam (NAP)

NN2000 = Norwegian Height System, heights referred to Amsterdam (NAP)

* = Correction of provided sea level data to Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LAT	LON	BSCD2000	Correction*
						NN2000	to
						cm	BSCD2000
							m
NORWAY	NHS	33921	Viker	59.0333	10.9500	-3.4	-0.034
NORWAY	NHS	33922	Oscarsborg	59.6833	10.6167	-2.4	-0.024
NORWAY	NHS	33923	Oslo	59.9000	10.7333	-2.6	-0.026
NORWAY	NHS	33924	Helgeroa	59.0000	9.8667	-6.2	-0.062
NORWAY	NHS	33925	Tregde	58.0000	7.5667	-9.3	-0.093
NORWAY	NHS	33926	Stavanger	58.9667	5.7333	-9.0	-0.090
NORWAY	NHS	33927	Bergen	60.4000	5.3000	-6.7	-0.067
NORWAY	NHS	33928	Måløy	61.9333	5.1167	-4.3	-0.043
NORWAY	NHS	33929	Ålesund	62.4667	6.1500	-4.8	-0.048
NORWAY	NHS	33930	Kristiansund	63.1167	7.7500	-6.1	-0.061
NORWAY	NHS	33931	Heimsjø	63.4333	9.1167	-7.2	-0.072
NORWAY	NHS	33932	Trondheim	63.4333	10.4000	-5.5	-0.055
NORWAY	NHS	33933	Rørvik	64.8667	11.2500	-10.7	-0.107
NORWAY	NHS	33934	Bodø	67.2833	14.3833	-12.0	-0.120
NORWAY	NHS	33935	Kabelvåg	68.2167	14.5000	-10.6	-0.106
NORWAY	NHS	33936	Narvik	68.4333	17.4167	-12.0	-0.120
NORWAY	NHS	33937	Harstad	68.8000	16.5500	-17.4	-0.174
NORWAY	NHS	33938	Andenes	69.3167	16.1500	-15.2	-0.152
NORWAY	NHS	33939	Tromsø	69.6500	18.9667	-17.7	-0.177
NORWAY	NHS	33940	Hammerfest	70.6667	23.6833	-19.0	-0.190
NORWAY	NHS	33941	Honningsvåg	70.9833	25.9833	-21.5	-0.215
NORWAY	NHS	33942	Vardø	70.3333	31.1000	-24.6	-0.246
NORWAY	NHS	33943	Ny-Ålesund	78.9333	11.9500	-25.0	-0.250