BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL based upon regression analysis since measurement start (Sweden)

2024-03-31

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 BOOS to the Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 RH2000 cm	Apparent (relative) landuplift cm/year	Correction* to BSCD2000 m
SWEDEN	SMHI	2588	Haparanda discontinued	65.771660	23.902960	3.7	0.72	0.000
SWEDEN	SMA	59/35103	KALIX KARLSBORG	65.789290	23.300670	3.9	0.72	0.000
SWEDEN	SMHI	161/2157	KALIX STORÖN	65.696890	23.096100	3.1	0.73	0.000
SWEDEN	SMA	115/35183	STRÖMÖREN	65.549500	22.238330	2.1	0.75	0.000
SWEDEN	SMHI	158/2055	FURUÖGRUND	64.915630	21.230790	-2.0	0.82	0.000
SWEDEN	SMA	40/35240	GÅSÖREN	64.663300	21.316700	-1.7	0.82	0.000
SWEDEN	SMHI	159/2056	RATAN	63.986060	20.895060	0.0	0.80	0.000
SWEDEN	SMA	134/35124	HOLMSUND	63.695429	17.347527	-1.0	0.80	0.000
SWEDEN	SMHI	110/2321	Skagsudde discontinued	63.190500	19.012310	-2.8	0.80	0.000
SWEDEN	SMA	110/35138	SKAGSUDDE2	63.190500	19.012310	-2.8	0.80	0.000
SWEDEN	SMA	85/35153	Svanö discontinued	62.896640	17.868830	-2.2	0.77	0.000
SWEDEN	SMA	172/35209	LUNDE	62.880676	17.876419	-2.2	0.77	0.000
SWEDEN	SMHI	109/2061	SPIKARNA	62.363140	17.897867	-1.6	0.74	0.000
SWEDEN	SMA	109/35125	Spikarna2 discontinued	62.363140	17.897867	-1.6	0.74	0.000
SWEDEN	SMHI	2062	Draghällan discontinued	62.339840	17.439470	-1.6	0.74	0.000
SWEDEN	SMA	66/35127	LJUSNE LOTSSTATION	61.206775	17.145166	1.5	0.64	0.000
SWEDEN	SMA	33/35119	BÖNAN	60.738310	17.318410	3.3	0.58	0.000
SWEDEN	GH	185	GÄVLE	60.696700	17.231400	3.3	0.58	0.000
SWEDEN	SMHI	2067	Björn discontinued	60.638380	17.986330	4.0	0.56	0.000
SWEDEN	SMHI	12/2179	FORSMARK	60.408500	18.210850	4.7	0.53	0.000
SWEDEN	SMA	44	HARGSHAMN planned?	60.173260	18.461700	5.2	0.50	1.000
SWEDEN	SMA	67/35154	Loudden discontinued	59.340850	18.137950	7.3	0.38	0.000
SWEDEN	SMHI	176/2069	STOCKHOLM	59.324200	18.081690	7.4	0.38	0.000
SWEDEN	SMA	173/35112	NYNÄS FISKEHAMN	58.900667	17.953583	7.2	0.31	0.000
SWEDEN	SMHI	165/2507	LANDSORT NORRA	58.768630	17.858880	7.4	0.29	0.000
SWEDEN	SMHI	2073	Landsort discontinued	58.742230	17.865320	7.4	0.29	0.000
SWEDEN	SMA	2/35102	LANDSORT2	58.744580	17.865020	7.4	0.29	0.000
SWEDEN	SMA	34/35185	E4 BRON SÖDERTÄLJE	59.184833	17.642833	7.2	0.33	0.000
SWEDEN	SMA	188/35118	OXELÖSUND LOTSSTATION	58.661717	17.124750	8.6	0.26	0.000
SWEDEN	SMA	58/35101	JUTEN	58.634180	16.324758	9.0	0.25	0.000
SWEDEN	SMHI	2076	Marviken discontinued	58.553690	16.837390	9.0	0.25	0.000
SWEDEN	SMHI	15/2545	ARKÖ	58.483140	16.963640	9.0	0.25	0.000
SWEDEN	SMA	149/35151	VÄSTERVIK	57.748150	16.674700	10.6	0.16	0.000
SWEDEN	SMA	81/35114	SLITE	57.705833	18.810000	8.6	0.12	0.000
SWEDEN	SMHI	90/2080	VISBY	57.639260	18.284490	8.6	0.12	0.000
SWEDEN	SMA	90/35108	Visby2 discontinued	57.639260	18.284490	8.6	0.12	0.000
SWEDEN	SKB	77/35200	SIMPEVARP	57.410278	16.675833	11.3	0.12	0.000
SWEDEN	SMHI	148/2083	ÖLANDS NORRA UDDE	57.366270	17.097190	11.2	0.12	0.000
SWEDEN	SMHI	156/2085	OSKARSHAMN	57.275000	16.478056	11.7	0.10	0.000
SWEDEN	SMA	60/35105	KALMAR	56.658889	16.378333	12.4	0.06	0.000
SWEDEN	KBP	177	VERKÖ	56.166655	15.628894	13.3	0.01	0.000
SWEDEN	SMHI	170/2088	KUNGSHOLMSFORT	56.105200	15.589280	13.3	0.01	0.000
SWEDEN	SMA	61/35131	KARLSHAMN	56.154167	14.821167	13.8	-0.01	0.000
SWEDEN	SMHI	2543	Åhus discontinued	55.928333	14.328611	15.2	-0.05	0.000
SWEDEN	SMHI	157/2320	SIMRISHAMN	55.557500	14.357800	16.2	-0.08	0.000
SWEDEN	SMHI	2093	Ystad discontinued	55.427010	13.825800	16.0	-0.07	0.000
SWEDEN	SMA	94/35159	YSTAD2	55.422667	13.825500	16.0	-0.07	0.000

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL based upon regression analysis since measurement start (Sweden)

2024-03-31

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 BOOS to the Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 RH2000 cm	Apparent (relative) landuplift cm/year	Correction* to BSCD2000 m
SWEDEN	SMHI	162/30488	SKANÖR	55.416780	12.829630	16.1	-0.08	0.000
SWEDEN	SMHI	147/2095	KLAGSHAMN	55.522330	12.893590	13.2	-0.06	0.000
SWEDEN	SMA	91/35136	FLINTEN 16	55.560980	12.809541	13.1	-0.06	0.000
SWEDEN	SMA	86/35137	FLINTEN 7	55.589379	12.844475	13.0	-0.06	0.000
SWEDEN	SMA	68/35152	MALMÖ HAMN	55.613490	12.997490	12.8	-0.06	0.000
SWEDEN	SMHI	2098	Malmö discontinued	55.616667	13.000000	12.8	-0.06	0.000
SWEDEN	SMHI	25/2099	BARSEBÄCK	55.756400	12.903410	12.4	-0.06	0.000
SWEDEN	SMA	45/35110	HELSINGBORG	56.041167	12.684500	9.5	-0.09	0.000
SWEDEN	SMHI	163/2228	VIKEN	56.142140	12.579270	8.5	-0.10	0.000
SWEDEN	SMHI	2542	Ängelholm discontinued	56.298010	12.786540	7.5	-0.06	0.000
SWEDEN	SMA	43/35115	HALMSTAD	56.651267	12.844659	5.8	0.01	0.000
SWEDEN	SMA	36/35213	FALKENBERG	56.892000	12.489500	4.8	0.05	0.000
SWEDEN	SMHI	2104	Varberg discontinued	57.108220	12.224920	4.2	0.07	0.000
SWEDEN	SMA	81/35133	VARBERG2	57.109565	12.241543	4.2	0.07	0.000
SWEDEN	SMHI	76/2105	RINGHALS	57.249770	12.112520	3.5	0.10	0.000
SWEDEN	CTH	181/33084	ONSALA	57.397130	11.911500	3.0	0.12	0.000
SWEDEN	SMA	114/35144	VINGA2	57.631650	11.608770	1.2	0.15	0.000
SWEDEN	GBG	100/35171	MÅVHOLMSBÅDAN	57.672330	11.707477	1.5	0.15	0.000
SWEDEN	SMHI	183/33089	GÖTEBORG-KROSSHOLMEN	57.691316	11.771246	2.0	0.16	0.000
SWEDEN	GBG	101/35172	TORSHAMNEN GBG HAMN	57.681105	11.788100	2.0	0.16	0.000
SWEDEN	SMHI	2109	Göteborg-Torshamnen discontin	57.684670	11.790710	2.0	0.16	0.000
SWEDEN	GBG	99/35184	Karet GBG Hamn discontinued	57.687780	11.869620	3.5	0.16	0.000
SWEDEN	SMA	171/35120	TÅNGUDDEN GBG HAMN	57.682070	11.872150	3.5	0.16	0.000
SWEDEN	SMHI	2108/33080	Göteborg-Klippan discontinued	57.691470	11.908780	4.4	0.16	0.000
SWEDEN	GBG	33096	GÖTEBORG-ERIKSBERG	57.696567	11.908833	4.4	0.16	0.000
SWEDEN	GBG	42/35203	Göteborg-Götaälvbron discontin	57.714440	11.966610	6.7	0.17	0.000
SWEDEN	SMA	193/33097	GÖTEBORG-HISINGSBRON	57.714910	11.968741	6.7	0.17	0.000
SWEDEN	SMHI	2508	Göteborg-Ringön discontinued	57.717910	11.968050	6.7	0.17	0.000
SWEDEN	GBG	124/33093	GÖTEBORG-TINGSTADSTUNNELN	57.723140	11.986920	8.3	0.17	0.000
SWEDEN	GBG	33094	GÖTEBORG-LÄRJEHOLM	57.761950	12.003820	12.8	0.17	0.000
SWEDEN	GBG	169/33095	GÖTEBORG-AGNESBERG	57.789774	12.010189	14.2	0.17	0.000
SWEDEN	SMA	126	JORDFALLSBRON	57.855420	12.008650	19.2	0.17	0.000
SWEDEN	SMA	69/35104	MARSTRAND	57.886966	11.593666	0.4	0.16	0.000
SWEDEN	SMHI	151/2110	STENUNGSUND	58.088450	11.820180	-2.4	0.17	0.000
SWEDEN	SMHI	14/2541	UDDEVALLA	58.346780	11.894480	-3.9	0.19	0.000
SWEDEN	GU	33099	KRISTINEBERG	58.250000	11.445833	-5.0	0.19	0.000
SWEDEN	SMA	32/35109	BROFJORDEN	58.336010	11.404650	-5.1	0.18	0.000
SWEDEN	SMHI	154/2111	SMÖGEN	58.353620	11.217850	-5.1	0.18	0.000
SWEDEN	SMHI	155/2130	KUNGSVIK	58.996600	11.127180	-5.8	0.20	0.000

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL defined as the zero-level in DVR90 (Denmark)

2024-03-31

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 BOOS to the Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 DVR90 cm	Correction* to BSCD2000 m
DENMARK	DMI	33101	Drogden	55.535800	12.711700	0.0	0.000
DENMARK	DMI	33121	Skagen	57.719400	10.585800	0.0	0.000
DENMARK	DMI	33124	Grenå	56.411100	10.930600	0.0	0.000
DENMARK	DMI	33128	Sjaellands Odde	55.975000	11.372200	0.0	0.000
DENMARK	DMI	33129	Juelsminde	55.716700	10.016700	0.0	0.000
DENMARK	DMI	33130	Nordre Röse	55.636100	12.686700	0.0	0.000
DENMARK	DMI	33133	Rödvig	55.254200	12.372800	0.0	0.000
DENMARK	DMI	33140	Ballen	55.816700	10.644400	0.0	0.000
DENMARK	DMI	33147	Bagenkop	54.752800	10.677800	0.0	0.000
DENMARK	DMI	33171	Hornbaek	56.100000	12.466700	0.0	0.000
DENMARK	DMI	33172	Korsör	55.333300	11.133300	0.0	0.000
DENMARK	DMI	33173	Slipshavn	55.283300	10.833300	0.0	0.000
DENMARK	DMI	33174	Tejn	55.250000	14.833300	0.0	0.000
DENMARK	DMI	33175	Gedser	54.566700	11.933300	0.0	0.000
DENMARK	DMI	33176	Aarhus	56.150000	10.216700	0.0	0.000
DENMARK	DMI	33177	Esbjerg	55.466700	8.433300	0.0	0.000
DENMARK	DMI	33178	Fredericia	55.566700	9.750000	0.0	0.000
DENMARK	DMI	33179	Frederikshavn	57.433300	10.566700	0.0	0.000
DENMARK	DMI	33180	Fynshav	55.000000	9.983300	0.0	0.000
DENMARK	DMI	33181	Hanstholm	57.116700	8.600000	0.0	0.000
DENMARK	DMI	33182	Hirtshals	57.600000	9.966700	0.0	0.000
DENMARK	DMI	33183	Köbenhavn	55.700000	12.600000	0.0	0.000
DENMARK	DMI	33184	Rödby	54.650000	11.350000	0.0	0.000
DENMARK	DMI	33185	Vidå	54.966700	8.666700	0.0	0.000
DENMARK	DMI	33186	Vedbaek	55.850000	12.566700	0.0	0.000
DENMARK	DMI	33187	Hobro	56.633300	9.800000	0.0	0.000
DENMARK	DMI	33188	Udbyhoej	56.600000	10.300000	0.0	0.000
DENMARK	DMI	33189	Randers	56.450000	10.050000	0.0	0.000
DENMARK	DMI	33190	Hov	55.916700	10.266700	0.0	0.000
DENMARK	DMI	33191	Holbaek	55.716700	11.716700	0.0	0.000
DENMARK	DMI	33192	Dragör	55.600000	12.683300	0.0	0.000
DENMARK	DMI	33193	Roskilde	55.650000	12.083300	0.0	0.000
DENMARK	DMI	33194	Köge	55.450000	12.200000	0.0	0.000

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

2024-03-31

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	LATITUDE	LONGITUDE	DHHN2016 cm	DHHN92 cm	Correction to DHHN92 m
GERMANY	WSA	33221	Kiel-Holtenau	54.372200	10.156900			-5.000
GERMANY	WSA	33222	Koserow	54.060300	14.000800			-5.140
GERMANY	WSA	33223	Sassnitz	54.510800	13.643100			-5.140
GERMANY	WSA	33224	Travemünde	53.958100	10.872200			-5.000
GERMANY	WSA	33225	Warnemünde	54.169700	12.103300			-5.140
GERMANY	WSA	33226	Wolgast	54.041700	13.770300			-5.140
GERMANY	WSA	33227	Wismar	53.898900	11.458100			-5.140
GERMANY	WSA	33228	Ueckermünde	53.750300	14.066400			-5.140
GERMANY	WSA	33229	Timmendorf Poel	53.991900	11.375600			-5.140
GERMANY	WSA	33230	Stralsund	54.315300	13.098600			-5.140
GERMANY	WSA	33231	Schleswig	54.511400	9.569200			-5.000
GERMANY	WSA	33232	Schleimünde	54.673300	10.036700			-5.000
GERMANY	WSA	33233	Rostock	54.083100	12.155000			-5.140
GERMANY	WSA	33234	Neustadt	54.096700	10.812800			-5.000
GERMANY	WSA	33235	Lübeck	53.893100	10.703100			-5.000
GERMANY	WSA	33236	Langballigau	54.823300	9.654200			-5.000
GERMANY	WSA	33237	Kiel LT	54.499700	10.273300			-5.000
GERMANY	WSA	33238	Kappeln	54.664400	9.938100			-5.000
GERMANY	WSA	33239	Kalkgrund	54.824700	9.888100			-5.000
GERMANY	WSA	33240	Althagen	54.376900	12.419400			-5.140
GERMANY	WSA	33241	Eckernförde	54.474700	9.836100			-5.000
GERMANY	WSA	33242	Flensburg	54.795000	9.433100			-5.000
GERMANY	WSA	33243	Greifswald	54.092800	13.446100			-5.140
GERMANY	WSA	33244	Heiligenhafen	54.373100	11.005600			-5.000
GERMANY	WSA	33245	Wittower Fähre	54.557500	13.245000			-5.140
GERMANY	WSA	33246	Barhöft	54.439700	13.032800			-5.140
GERMANY	WSA	33251	Borkum	53.557500	6.747800			-5.000
GERMANY	WSA	33252	Bremerhaven	53.545000	8.568100			-5.000
GERMANY	WSA	33253	Cuxhaven	53.867800	8.717500			-5.000
GERMANY	WSA	33254	Helgoland	54.178900	7.890000			-5.000
GERMANY	WSA	33255	Husum	54.472200	9.024700			-5.000
GERMANY	WSA	33256	Wittdün	54.631700	8.383900			-5.000
GERMANY	WSA	33257	Busum	54.122200	8.859200			-5.000
GERMANY	WSA	33258	Emden	53.336700	7.186400			-5.000
GERMANY	WSA	33259	Wilhelmshaven	53.514400	8.145000			-5.000

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL defined as the 5m-level in NN55 (Poland) and BHS77 (Lithuania)

2024-03-31

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

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

AMSTERDAM NN55 = Polish Height System (local), heights referred to Amsterdam (Normal Null)

PL-KRON86-NH = Polish Height System (old), heights referred to Kronstadt

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

BHS77 = Baltic Height System 1977, heights referred to Kronstadt

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

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 PL-EVRF2007-NH cm	AMSTER-DAM NN55 cm	PL-KRON86-NH cm	Correction* to BSCD2000 m
POLAND	IMWM	33321	Ustka	54.588028	16.853750	8.6	0.0	-7.2	-4.914
POLAND	IMWM	33322	Gdansk	54.399722	18.698056	6.3	0.0	-9.5	-4.937
POLAND	IMWM	33323	Gdynia	54.517722	18.555167	8.7	0.0	-7.6	-4.913
POLAND	IMWM	33324	Wladyslawowo	54.796800	18.418683	5.6	0.0	-11.7	-4.944
POLAND	IMWM	33325	Leba	54.766667	17.550500	8.7	0.0	-8.0	-4.913
POLAND	IMWM	33326	Darlowo	54.439167	16.380222	9.6	0.0	-7.3	-4.904
POLAND	IMWM	33327	Kolobrzeg	54.186639	15.553389	9.8	0.0	-7.6	-4.902
POLAND	IMWM	33328	Swinoujscie	53.908444	14.254311	8.5	0.0	-8.4	-4.915
POLAND	IMWM	33329	Puck	54.722383	18.410733	8.9	0.0	-8.2	-4.911
POLAND	IMWM	33330	Dziwnow	54.020550	14.731694	8.5	0.0	-8.4	-4.915
POLAND	IMWM	33371	Hel	54.604444	18.801944	6.6	0.0	-8.4	-4.934

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 LAS07 cm	BHS77 cm	Correction* to BSCD2000 m
LITHUANIA	LEPA	33421	Klaipėda-Molas 25S-1522	55.730240	21.081120	12.6	0.0	-4.874
LITHUANIA	LEPA	33422	Šventoji 26V-0002	56.029150	21.073850	13.6	0.0	-4.864
LITHUANIA	LEPA	33423	Šventoji 26V-0003	56.029250	21.071950	13.6	0.0	-4.864
LITHUANIA	LEPA	33424	Palanga 26V25081	55.919950	21.050250	13.3	0.0	-4.868
LITHUANIA	LEPA	33425	Palanga 26V25082	55.920410	21.044390	13.2	0.0	-4.868
LITHUANIA	LEPA	33426	Klaipėda 25V15289	55.713620	21.118790	12.6	0.0	-4.874
LITHUANIA	LEPA	33427	Juodkrantė 25V-0016	55.533350	21.121480	12.0	0.0	-4.880
LITHUANIA	LEPA	33428	Juodkrantė 25V25102	55.533280	21.121390	12.0	0.0	-4.880
LITHUANIA	LEPA	33429	Nida 24V-0018	55.302730	21.010580	11.1	0.0	-4.889
LITHUANIA	LEPA	33430	Nida 24V25100	55.302750	21.009880	11.1	0.0	-4.889
LITHUANIA	LEPA	33431	Ventė 24V-0008	55.340850	21.189870	11.5	0.0	-4.886
LITHUANIA	LEPA	33432	Ventė 24V-3609	55.340920	21.189780	11.5	0.0	-4.886
LITHUANIA	LEPA	33433	Uostadvaris 24V25109	55.343760	21.290180	11.6	0.0	-4.884
LITHUANIA	LEPA	33434	Uostadvaris 24V-0009	55.344160	21.291380	11.6	0.0	-4.884

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL defined as the 5m-level in BHS77 (Latvia and Estonia)

2024-03-31

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)

BHS77 = Baltic Height System 1977, heights referred to Kronstadt

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

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 LAS2000,5 cm	BHS77 cm	Correction* to BSCD2000 m
LATVIA	LEGMA	33521	Kolka	57.737222	22.592778	16.9	0.0	0.000
LATVIA	LEGMA	33522	Daugavgriva	57.059444	24.023333	15.5	0.0	0.000
LATVIA	LEGMA	33523	Liepaja	56.515556	20.999444	16.8	0.0	0.000
LATVIA	LEGMA	33524	Mersrags	57.334722	23.132778	16.3	0.0	0.000
LATVIA	LEGMA	33525	Salacgriva	57.755278	24.353611	15.8	0.0	0.000
LATVIA	LEGMA	33526	Skulte	57.315833	24.409444	16.5	0.0	0.000
LATVIA	LEGMA	33527	Ventspils	57.395556	21.534444	17.2	0.0	0.000
LATVIA	LEGMA	33528	Lielupe	56.983611	23.887500	15.5	0.0	0.000
LATVIA	LEGMA	33529	Roja	57.506667	22.801667	16.6	0.0	0.000

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 EH2000 cm	BHS77 cm	Correction* to BSCD2000 m
ESTONIA	MSI	33602	Tallinnamadal	59.711944	24.731389	24.0	0.0	-4.760
ESTONIA	MSI	33603	Vahemadal	59.510217	24.666217	24.0	0.0	-4.760
ESTONIA	MSI	33621	Lehtma	59.069006	22.696933	26.0	0.0	-4.740
ESTONIA	EWS	33622	Pärnu	58.388911	24.486750	18.0	0.0	-4.820
ESTONIA	EWS	33623	Söru	58.693783	22.522858	22.0	0.0	-4.780
ESTONIA	MSI	33624	Tallinn	59.444372	24.763672	24.0	0.0	-4.760
ESTONIA	MSI	33625	Paldiski	59.334892	24.079619	23.0	0.0	-4.770
ESTONIA	MSI	33626	Sillamäe	59.422719	27.740125	20.0	0.0	-4.800
ESTONIA	MSI	33627	Muuga	59.500000	24.966667	24.0	0.0	-4.760
ESTONIA	MSI	33628	Heltermaa	58.866392	23.046600	24.0	0.0	-4.760
ESTONIA	MSI	33629	Rohukula	58.904906	23.424803	22.0	0.0	-4.780
ESTONIA	MSI	33630	Virtsu	58.576064	23.508103	21.0	0.0	-4.790
ESTONIA	MSI	33631	Kuivastu	58.574158	23.393503	22.0	0.0	-4.780
ESTONIA	MSI	33632	Triigi	58.591442	22.717283	21.0	0.0	-4.790
ESTONIA	MSI	33633	Munalaid	58.228000	24.118500	20.0	0.0	-4.800
ESTONIA	EWS	33634	Dirhami	59.209444	23.498333	21.0	0.0	-4.790
ESTONIA	EWS	33635	Haapsalu	58.944444	23.555000	21.0	0.0	-4.790
ESTONIA	EWS	33636	Kunda	59.517778	26.544722	22.0	0.0	-4.780
ESTONIA	EWS	33637	Ristna	58.920833	22.066389	26.0	0.0	-4.740
ESTONIA	EWS	33638	Rohuneeme	59.562500	24.794444	25.0	0.0	-4.750
ESTONIA	EWS	33639	Ruhnu	57.783333	23.258889	20.0	0.0	-4.800
ESTONIA	MSI	33640	Eisma	59.568000	26.305000	23.0	0.0	-4.770
ESTONIA	MSI	33641	Kelnase	59.638000	25.015000	24.0	0.0	-4.760
ESTONIA	MSI	33643	Leppneeme	59.553100	24.866200	25.0	0.0	-4.750

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

MSL based upon regression analysis since measurement start (Finland)

2024-03-31

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

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

BHS77 = Baltic Height System 1977, heights referred to Kronstadt

N2000 = Finnish Height System, heights referred to Amsterdam (NAP), Finnish values below are referring to the year 2024

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

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 cm	BHS77 cm	Correction* to BSCD2000 m
RUSSIA	NWAHEM	33721	S:t Petersburg	59.933333	30.266667		0.0	
RUSSIA	NWAHEM	33722	Kronstadt	59.966667	29.750000		0.0	
RUSSIA	RUMS	33723	Hogland	60.016667	27.000000		0.0	

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 N2000 cm	Apparent (relative) landuplift cm/year	Correction* to BSCD2000 m
FINLAND	FMI	33821	Kemi	65.666700	24.516700	8.0	0.617	0.080
FINLAND	FMI	33828	Oulu (Uleåborg)	65.040000	25.420000	8.0	0.584	0.080
FINLAND	FMI	33830	Raahe (Brahestad)	64.670000	24.410000	7.6	0.421	0.076
FINLAND	FMI	33822	Pietarsaari (Jakobstad)	63.700000	22.700000	5.6	0.428	0.056
FINLAND	FMI	33833	Vaasa (Vasa)	63.080000	21.570000	6.1	0.443	0.061
FINLAND	FMI	33823	Kaskinen (Kaskö)	62.333300	21.216700	8.5	0.396	0.085
FINLAND	FMI	33829	Pori (Mäntyluoto/Björneborg)	61.590000	21.460000	10.9	0.305	0.109
FINLAND	FMI	33831	Rauma (Raumo)	61.130000	21.460000	11.0	0.233	0.110
FINLAND	FMI	33832	Turku (Åbo)	60.430000	22.100000	14.4	0.093	0.144
FINLAND	FMI	33824	Degerby (Föglö)	60.033300	20.383300	11.0	0.113	0.110
FINLAND	FMI	33827	Hanko (Hangö)	59.820000	22.980000	17.9	-0.039	0.179
FINLAND	FMI	33825	Helsinki (Helsingfors)	60.150000	24.966700	20.9	-0.099	0.209
FINLAND	FMI	33834	Porvoo (Borgå)	60.205800	25.625100	21.1	-0.100	0.211
FINLAND	FMI	33826	Hamina (Fredrikshamn)	60.566700	27.183300	21.5	-0.140	0.215

BOOS SEALEVEL STATIONS 2024

Mean Sea Level (MSL) in different height systems

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

2024-03-31

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 BOOS to the Baltic Sea Chart Datum 2000 (BSCD2000)

COUNTRY	OWNER	NR	STATION NAME	LATITUDE	LONGITUDE	BSCD2000 NN2000 cm	Apparent (relative) landuplift cm/year	Correction* to BSCD2000 m
NORWAY	NHS	33921	Viker	59.041500	10.958200	-3.4	0.44	-0.034
NORWAY	NHS	33922	Oscarsborg	59.683333	10.616667	-2.4	0.52	-0.024
NORWAY	NHS	33923	Oslo	59.900000	10.733333	-2.6	0.54	-0.026
NORWAY	NHS	33924	Helgeroa	59.000000	9.866667	-6.2	0.40	-0.062
NORWAY	NHS	33925	Tregde	58.000000	7.566667	-9.3	0.16	-0.093
NORWAY	NHS	33926	Stavanger	58.966667	5.733333	-9.0	0.18	-0.090
NORWAY	NHS	33927	Bergen	60.400000	5.300000	-6.7	0.24	-0.067
NORWAY	NHS	33928	Måløy	61.933333	5.116667	-4.3	0.21	-0.043
NORWAY	NHS	33929	Ålesund	62.466667	6.150000	-4.8	0.27	-0.048
NORWAY	NHS	33930	Kristiansund	63.116667	7.750000	-6.1	0.34	-0.061
NORWAY	NHS	33931	Heimsjø	63.433333	9.116667	-7.2	0.44	-0.072
NORWAY	NHS	33932	Trondheim	63.433333	10.400000	-5.5	0.54	-0.055
NORWAY	NHS	33933	Rørvik	64.866667	11.250000	-10.7	0.49	-0.107
NORWAY	NHS	33934	Bodø	67.283333	14.383333	-12.0	0.44	-0.120
NORWAY	NHS	33935	Kabelvåg	68.216667	14.500000	-10.6	0.32	-0.106
NORWAY	NHS	33936	Narvik	68.433333	17.416667	-12.0	0.43	-0.120
NORWAY	NHS	33937	Harstad	68.800000	16.550000	-17.4	0.32	-0.174
NORWAY	NHS	33938	Andenes	69.316667	16.150000	-15.2	0.22	-0.152
NORWAY	NHS	33939	Tromsø	69.650000	18.966667	-17.7	0.27	-0.177
NORWAY	NHS	33940	Hammerfest	70.666667	23.683333	-19.0	0.20	-0.190
NORWAY	NHS	33941	Honningsvåg	70.983333	25.983333	-21.5	0.16	-0.215
NORWAY	NHS	33942	Vardø	70.333333	31.100000	-24.6	0.22	-0.246
NORWAY	NHS	33943	Ny-Ålesund	78.933333	11.950000		0.66	
NORWAY	NHS	33944	Halden	59.124722	11.387500			