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CONVERSION TABLES

FEET TO METERS

Feet	0	1	2	3	4	5	6	7	8	9
0	0.00	0.30	0.61	0.91	1.22	1.52	1.83	2.13	2.44	2.74
10	3.05	3.35	3.66	3.96	4.27	4.57	4.88	5.18	5.49	5.79
20	6.10	6.40	6.71	7.01	7.32	7.62	7.92	8.23	8.53	8.84
30	9.14	9.45	9.75	10.06	10.36	10.67	10.97	11.28	11.58	11.89
40	12.19	12.50	12.80	13.11	13.41	13.72	14.02	14.33	14.63	14.93
50	15.24	15.54	15.85	16.15	16.46	16.76	17.07	17.37	17.68	17.98
60	18.29	18.59	18.90	19.20	19.51	19.81	20.12	20.42	20.73	21.03
70	21.34	21.64	21.95	22.25	22.55	22.86	23.16	23.47	23.77	24.08
80	24.38	24.69	24.99	25.30	25.60	25.91	26.21	26.52	26.82	27.13
90	27.43	27.74	28.04	28.35	28.65	28.96	29.26	29.57	29.87	30.17

FATHOMS TO METERS

Fathoms	0	1	2	3	4	5	6	7	8	9
0	0.00	1.83	3.66	5.49	7.32	9.14	10.97	12.80	14.63	16.46
10	18.29	20.12	21.95	23.77	25.60	27.43	29.26	31.09	32.92	34.75
20	36.58	38.40	40.23	42.06	43.89	45.72	47.55	49.38	51.21	53.03
30	54.86	56.69	58.52	60.35	62.18	64.01	65.84	67.67	69.49	71.32
40	73.15	74.98	76.81	78.64	80.47	82.30	84.12	85.95	87.78	89.61
50	91.44	93.27	95.10	96.93	98.75	100.58	102.41	104.24	106.07	107.90
60	109.73	111.56	113.39	115.21	117.04	118.87	120.70	122.53	124.36	126.19
70	128.02	129.85	131.67	133.50	135.33	137.16	138.99	140.82	142.65	144.47
80	146.30	148.13	149.96	151.79	153.62	155.45	157.28	159.11	160.93	162.76
90	164.59	166.42	168.25	170.08	171.91	173.74	175.56	177.39	179.22	181.05

METERS TO FEET

Meters	0	1	2	3	4	5	6	7	8	9
0	0.00	3.28	6.56	9.84	13.12	16.40	19.68	22.97	26.25	29.53
10	32.81	36.09	39.37	42.65	45.93	49.21	52.49	55.77	59.06	62.34
20	65.62	68.90	72.18	75.46	78.74	82.02	85.30	88.58	91.86	95.14
30	98.42	101.71	104.99	108.27	111.55	114.83	118.11	121.39	124.67	127.95
40	131.23	134.51	137.80	141.08	144.36	147.64	150.92	154.20	157.48	160.76
50	164.04	167.32	170.60	173.88	177.16	180.45	183.73	187.01	190.29	193.57
60	196.85	200.13	203.41	206.69	209.97	213.25	216.54	219.82	223.10	226.38
70	229.66	232.94	236.22	239.50	242.78	246.06	249.34	252.62	255.90	259.19
80	262.47	265.75	269.03	272.31	275.59	278.87	282.15	285.43	288.71	291.99
90	295.28	298.56	301.84	305.12	308.40	311.68	314.96	318.24	321.52	324.80

METERS TO FATHOMS

Meters	0	1	2	3	4	5	6	7	8	9
0	0.00	0.55	1.09	1.64	2.19	2.73	3.28	3.83	4.37	4.92
10	5.47	6.01	6.56	7.11	7.66	8.20	8.75	9.30	9.84	10.39
20	10.94	11.48	12.03	12.58	13.12	13.67	14.22	14.76	15.31	15.86
30	16.40	16.95	17.50	18.04	18.59	19.14	19.68	20.23	20.78	21.33
40	21.87	22.42	22.97	23.51	24.06	24.61	25.15	25.70	26.25	26.79
50	27.34	27.89	28.43	28.98	29.53	30.07	30.62	31.17	31.71	32.26
60	32.81	33.36	33.90	34.45	35.00	35.54	36.09	36.64	37.18	37.73
70	38.28	38.82	39.37	39.92	40.46	41.01	41.56	42.10	42.65	43.20
80	43.74	44.29	44.84	45.38	45.93	46.48	47.03	47.57	48.12	48.67
90	49.21	49.76	50.31	50.85	51.40	51.95	52.49	53.04	53.59	54.13

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U.S. NAVAL OCEANOGRAPHIC OFFICE SAILING DIRECTIONS

New No.	Old No.	Ed.-Date	
AREA 1—CANADA, GREENLAND, AND ICELAND			
10	175	6-1960	BRITISH COLUMBIA, VOL. I. Strait of Juan de Fuca and Inner Passages to Cape Caution.
11	176	6-1962	BRITISH COLUMBIA, VOL. II. Cape Caution to Alaska.
12	99	9-1952	NOVA SCOTIA. The Bay of Fundy and Cape Breton Island.
13	100	7-1951	THE GULF AND RIVER ST. LAWRENCE. Western shores of the gulf and the river and seaway to Cornwall Island.
14	73	8-1958	NEWFOUNDLAND. Includes Strait of Belle Isle and St. Pierre and Miquelon Islands.
15	77	1-1965	LABRADOR AND HUDSON BAY. Labrador northward of St. Lewis Sound, Hudson Strait and Hudson Bay.
16	76	2-1951	BAFFIN BAY AND DAVIS STRAIT. Includes northern Greenland eastward to Cape Morris Jesup.
17	75	2-1951	EAST GREENLAND AND ICELAND. Includes the island of Jan Mayen.
AREA 2—LATIN AMERICA AND ANTARCTICA			
20	130	5-1952	EAST COASTS OF CENTRAL AMERICA AND MEXICO. Includes north coast of Columbia.
21	128	3-1958	THE WEST INDIES, VOL. I. Bermuda, Bahamas, and Greater Antilles.
22	129	7-1963	THE WEST INDIES, VOL. II. Lesser Antilles and Venezuela.
23	172	5-1952	SOUTH AMERICA, VOL. I. East coast from Venezuelan border to and including Rio de la Plata.
24	173	5-1952	SOUTH AMERICA, VOL. II. East and west coasts between Rio de la Plata and Cabo Tres Montes, including Falkland, South Georgia, and South Sandwich Islands.
25	174	6-1960	SOUTH AMERICA, VOL. III. West coast between Gulf of Panama and Cabo Tres Montes.
26	84	9-1951	WEST COASTS OF MEXICO AND CENTRAL AMERICA. The United States border to Columbian border.
27	138	2-1960	ANTARCTICA. Includes islands south of latitude 60°.
AREA 3—BRITISH ISLES AND NORTHWESTERN EUROPE			
30	146	5-1962	IRELAND.
31	144	4-1952	SOUTH COAST OF ENGLAND. Scilly Isles to North Foreland.
32	145	4-1951	WEST COASTS OF ENGLAND AND WALES. Lands End to Mull of Galloway, including Isle of Man.
33	147	4-1951	WEST COAST OF SCOTLAND. Mull of Galloway to Cape Wrath, including the Hebrides.
34	149	3-1950	NORTH AND EAST COASTS OF SCOTLAND. Cape Wrath of Fife Ness, including Orkney, Shetland, and Faeroe Islands.
35	150	5-1951	EAST COAST OF ENGLAND. Fife Ness to North Foreland, including the Firth of Forth.
36	135	5-1959	EASTERN SHORES OF THE NORTH SEA. Dunkerque to Skagen.
37	132	4-1951	NORTH COAST OF FRANCE. Northwestern end of France to Belgium.
38	133	5-1951	BAY OF BISCAY. West coast of France and north coast of Spain.
AREA 4—BALTIC, SCANDINAVIA, AND NORTHERN U.S.S.R.			
40	140	1-1955	NORTHERN AND EASTERN SHORES OF THE SKAGERRAK. Lindesnes to Marstrandsfjorden.
41	141A	1-1956	KATTEGAT AND THE SOUND. Skagen to Falsterbo, including Fakse Bugt.
42	141B	1-1958	THE BALTIC, VOL. I. Store Baelt, Lille Baelt, and coast from Denmark to Kap Arkona.
43	142	4-1951	THE BALTIC, VOL. II. Baltic Sea from Falsterbo Udde and Kap Arkona to the Gulfs of Finland and Bothnia.

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44	143	3-1952	THE BALTIC, VOL. III. Gulfs of Finland and Bothnia.
45	139	1-1955	SOUTHWEST COAST OF NORWAY. Lindesnes to Fedje.
46	136	4-1952	NORTHWEST AND NORTH COASTS OF NORWAY. Fedjeosen to Nye-myetski Point. U.S.S.R., including Svalbard Archipelago.
47	137A	1-1953	NORTHERN U.S.S.R., VOL. I. Mys Nemetskiy to Mys Kanai Nos.
48	137B	1-1954	NORTHERN U.S.S.R., VOL. II. Mys Kanin Nos to Ostrov Dikson.
49	137C	1-1954	NORTHERN U.S.S.R., VOL. III. Ostrov Dikson to Mys Shmidt.
AREA 5—MEDITERRANEAN AND WESTERN AFRICA			
50	105	4-1951	SOUTHWEST COAST OF AFRICA. Cape Palmas to Cape of Good Hope.
51	134	6-1952	WEST COASTS OF SPAIN, PORTUGAL, AND NORTHWEST AFRICA AND OFF-LYING ISLANDS. Includes Azores, Madeira, Canary and Cape Verde Islands, and Africa southward to Cape Palmas.
52	151	4-1952	THE MEDITERRANEAN, VOL. I. Strait of Gibraltar, Spain, Balearic Islands, northern Africa to Ras Agedir.
53	152	5-1958	THE MEDITERRANEAN, VOL. II. France, west coast of Italy, Corsica, Sardinia, and Sicily, including adjacent islands.
54	153	3-1951	THE MEDITERRANEAN, VOL. III. Southeast Italy, the Adriatic, and western Greece to Akra Tainaron.
55	154A	3-1963	THE MEDITERRANEAN, VOL. IV. Libya, Egypt, Israel, Lebanon, Syria, and southern Turkey, including islands of Cyprus, Rodhos, Karpathos, and Crete.
56	154B	2-1952	THE MEDITERRANEAN, VOL. V. The Aegean Sea.
AREA 6—MIDDLE EAST, EASTERN AFRICA, AND SOUTHERN ASIA			
60	156	4-1951	SOUTHEAST COAST OF AFRICA. Cape of Good Hope to Ras Hafun.
61	157	5-1965	THE RED SEA AND GULF OF ADEN. Includes Suez Canal, Gulf of Suez, Africa north of Ras Hafun, Suqutra, and Arabian coast eastward to Ra's al Hadd.
62	158	5-1960	THE PERSIAN GULF. Includes Gulf of Oman and northern shore of Arabian Sea eastward to Ras Muari.
63	159	4-1951	WEST COAST OF INDIA. Includes Ceylon and Maldive and Laccadive Islands.
64	160	4-1951	BAY OF BENGAL. Calimere Point to Salang Island, including Andaman and Nicobar Islands.
65	161	4-1952	SOUTH INDIAN OCEAN. Madagascar and islands westward of longitude 90°.
AREA 7—AUSTRALIA AND SOUTHWEST PACIFIC			
70	162	4-1951	MALACCA STRAIT AND SUMATRA. Central and western Sumatra and southwestern Malay Peninsula.
71	126	5-1951	SOENDA STRAIT AND WESTERN AND NORTHEAST COASTS OF BORNEO AND OFF-LYING ISLANDS.
72	163	5-1962	JAVA; LESSER SUNDAS; SOUTH, SOUTHEAST, AND EAST COASTS OF BORNEO; AND CELEBES. Excludes western end of Java between Tandjung Tjankuang and Udjung Krawang.
73	164	4-1952	NEW GUINEA. Includes Halmahera and islands southward.
74	170	3-1952	NORTH AND WEST COASTS OF AUSTRALIA. Cape York to Cape Leeuwin.
75	169	4-1954	EAST COAST OF AUSTRALIA. Sydney to Cape York, including islands in the Coral Sea.
76	168	3-1952	SOUTHEAST COAST OF AUSTRALIA. Cape Northumberland to Port Jackson, including Tasmania.
77	167	3-1950	SOUTH COAST OF AUSTRALIA. Cape Leeuwin to Cape Northumberland.

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New No.	Old No.	Ed.-Date	
78	171	3-1952	NEW ZEALAND. Includes Kermadec Islands and islands eastward and southward of New Zealand.
			AREA 8—NORTH AND SOUTH PACIFIC
80	166	6-1952	THE PACIFIC ISLANDS, VOL. III. The south-central groups.
81	165B	1-1952	THE PACIFIC ISLANDS, VOL. II. Santa Cruz and New Hebrides groups, New Caledonia, and adjacent islands.
82	165A	2-1964	THE PACIFIC ISLANDS, VOL. I. Western groups, including the Solomon Islands.
			AREA 9—FAR EAST, PHILIPPINE ISLANDS, AND EASTERN U.S.S.R.
90	78	1-1955	PHILIPPINE ISLANDS, VOL. I. Northern islands, including western Negros and northern Samar.
91	79	1-1956	PHILIPPINE ISLANDS, VOL. II. Central islands, including eastern Negros, southern Samar, and northern Mindanao.
92	80	1-1956	PHILIPPINE ISLANDS, VOL. III. Southern Mindanao, Sula Archipelago, and Palawan.
93	125	5-1957	WESTERN SHORES OF SOUTH CHINA SEA. Singapore Strait to Hong Kong.
94	124	6-1959	COAST OF CHINA. Coast northward of Hong Kong to Yalu Chiang, and island of Taiwan.
95	123B	2-1951	JAPAN, VOL. II (SOUTHERN PART). The Naikai and islands southward, including Nansei Shoto, and Tsushima.
96	123A	2-1951	JAPAN, VOL. I (NORTHERN PART). Honshu, except the Naiki, Hokkaido, Chishima Retto, and Nanpo Shoto.
97	122B	2-1951	SOUTHEAST COAST OF SIBERIA AND KOREA. Sakhalinskiy Zaliv to Yalu Chiang, including Sakhalin.
98	122A	2-1951	EAST COAST OF SIBERIA. Mys Otto Shmidta to Sakhalinskiy Zaliv, including Ostrov Vrangelya.

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