



KUSKOKWIM RIVER

KUSKOKWIM BAY TO BETHEL

Mercator Projection
Scale 1:100,000 at Lat 60°21'30"
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
For Symbols and Abbreviations see Chart No. 1
Additional information can be obtained at nauticalcharts.noaa.gov.

NAME	PLACE	TIDE INFORMATION			
		DATE/TIME	Mean Higher High Water	Mean High Water	Mean Lower Low Water
Protophila	(60°16'N 162°30'W)	11.0	8.0	5.0	2.0
Apaluk Cove	(60°16'N 162°30'W)	13.5	9.0	6.0	3.0
Bethel Point	(60°16'N 162°30'W)	12.5	8.0	5.0	2.0
Lomax	(60°13'N 162°18'W)	7.5	6.3	4.7	1.7

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geospatial Survey, and U.S. Coast Guard.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Additional regulations or notices to mariners are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Anchorage, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska. Refer to channel regulation section numbers.

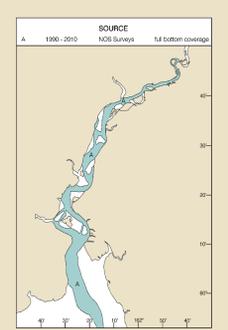
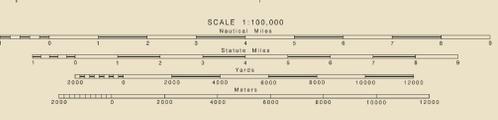
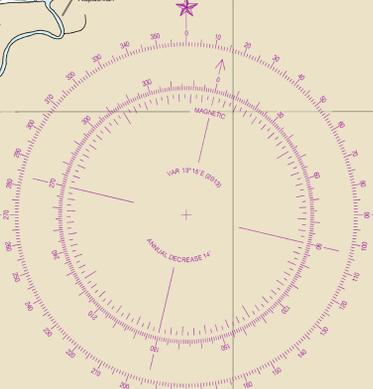
SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to in the North American Datum of 1983 shall be considered an average of 2.59" southward and 8.22" eastward to points on this chart.

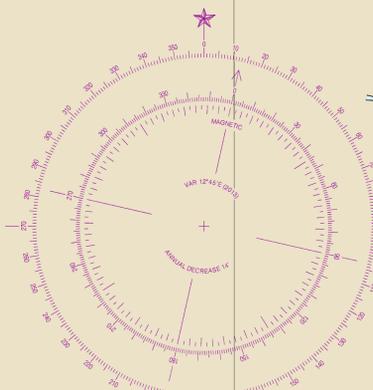
NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Oceanic and Atmospheric Administration 117 radio direction indicator code book. Commercial broadcasting stations are subject to error and should be used with caution.

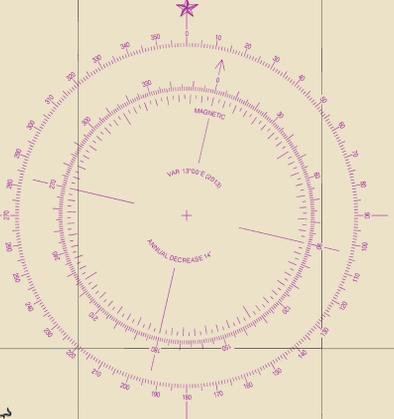
CAUTION
Station positions are shown from:
○(Accurate location) ○(Approximate location)



SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Survey lines have been marked in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically re-surveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.



FAHRENHEIT	FEET	METERS
32	0	0
36	4	1
40	8	2
44	12	3
48	16	4
52	20	5
56	24	6
60	28	7
64	32	8
68	36	9
72	40	10
76	44	11
80	48	12
84	52	13
88	56	14
92	60	15
96	64	16
100	68	17
104	72	18
108	76	19
112	80	20
116	84	21
120	88	22
124	92	23
128	96	24
132	100	25
136	104	26
140	108	27
144	112	28
148	116	29
152	120	30
156	124	31
160	128	32
164	132	33
168	136	34
172	140	35
176	144	36
180	148	37
184	152	38
188	156	39
192	160	40
196	164	41
200	168	42
204	172	43
208	176	44
212	180	45
216	184	46
220	188	47
224	192	48
228	196	49
232	200	50



NOTE B
The Kuskokwim Bay and Kuskokwim River are known to undergo constant change from year to year. Depths on this chart reflect conditions surveyed in 2016. Extreme caution and continuous soundings are necessary to navigate these waters. The deep draft channel from Kuskokwim Bay Buoy 12 (60°37'N 162°13'W) northeast to Bethel is marked by about 30 red or green foam buoys from June 1 through October 1 each year.

NOTE C
Within the 12 nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the national sea, is retained as a reference to assist the jurisdictional limits of the other laws. The 3 nautical mile Natural Resource Boundary of the Gulf coast of Florida, and Puerto Rico, and the Three Nautical Mile Line elsewhere, in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24 nautical mile Contiguous Zone and the 200 nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.