

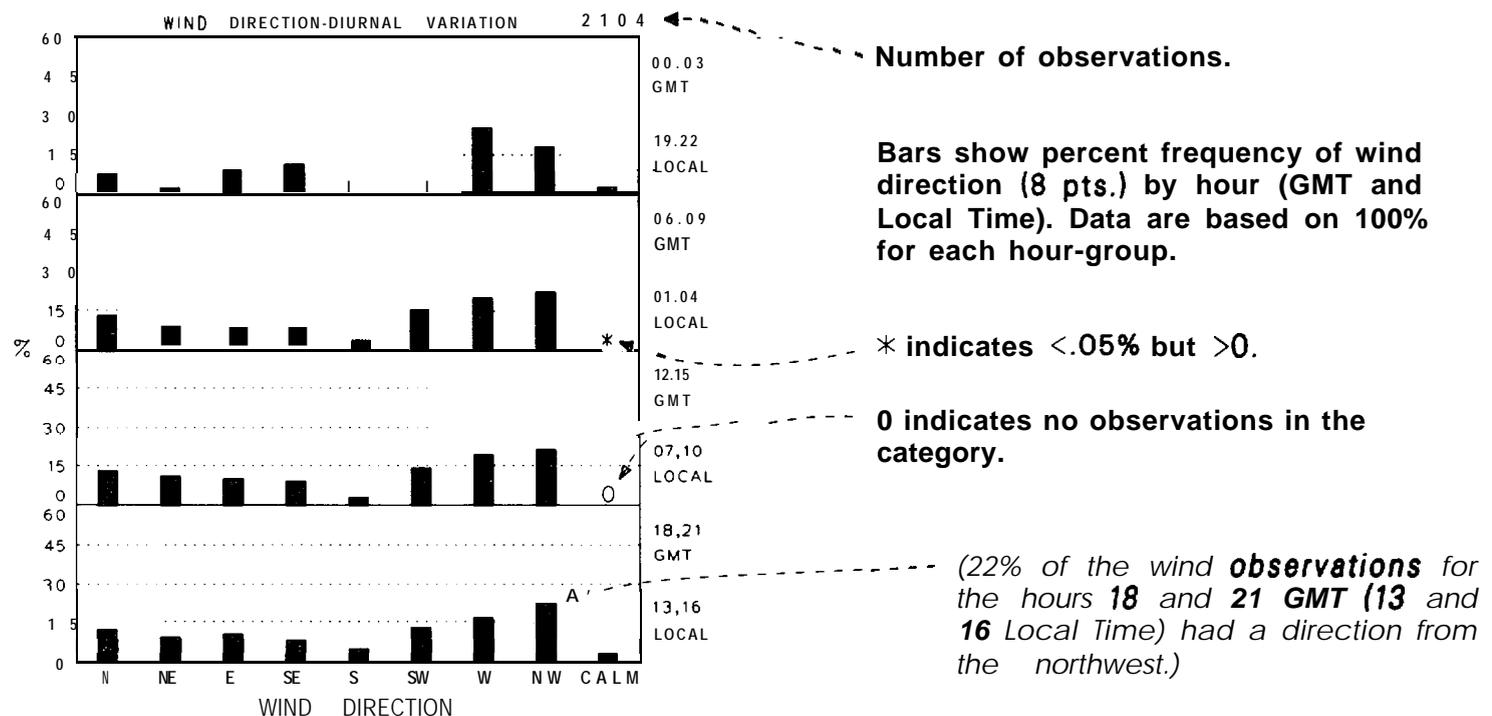
## Map 12. Wind speed 11-21 and 22-33 knots

BLACK LINE – Percent frequency of wind speed 11-21 knots.

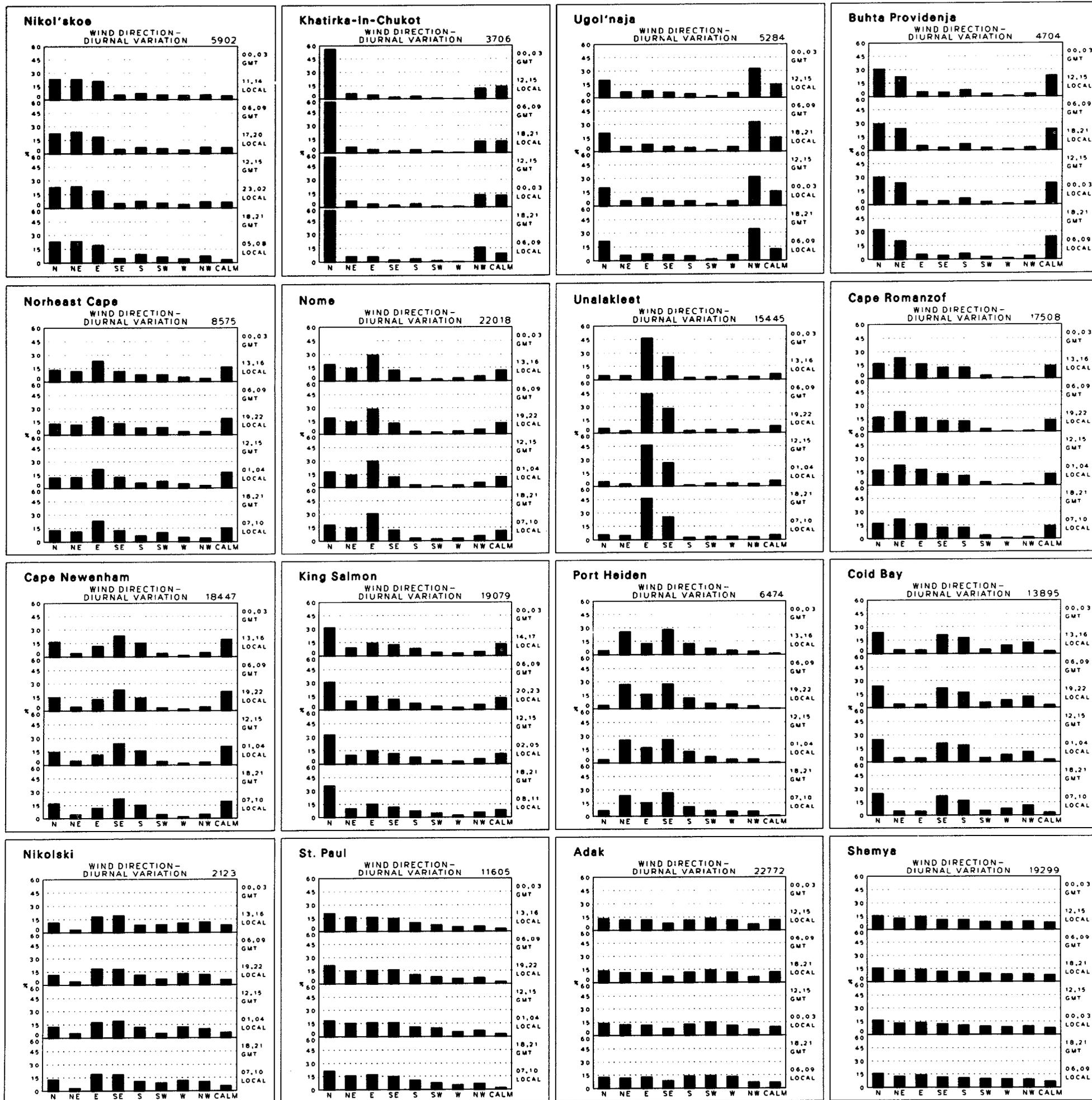
BLUE LINE – Percent frequency of wind speed 22-33 knots.

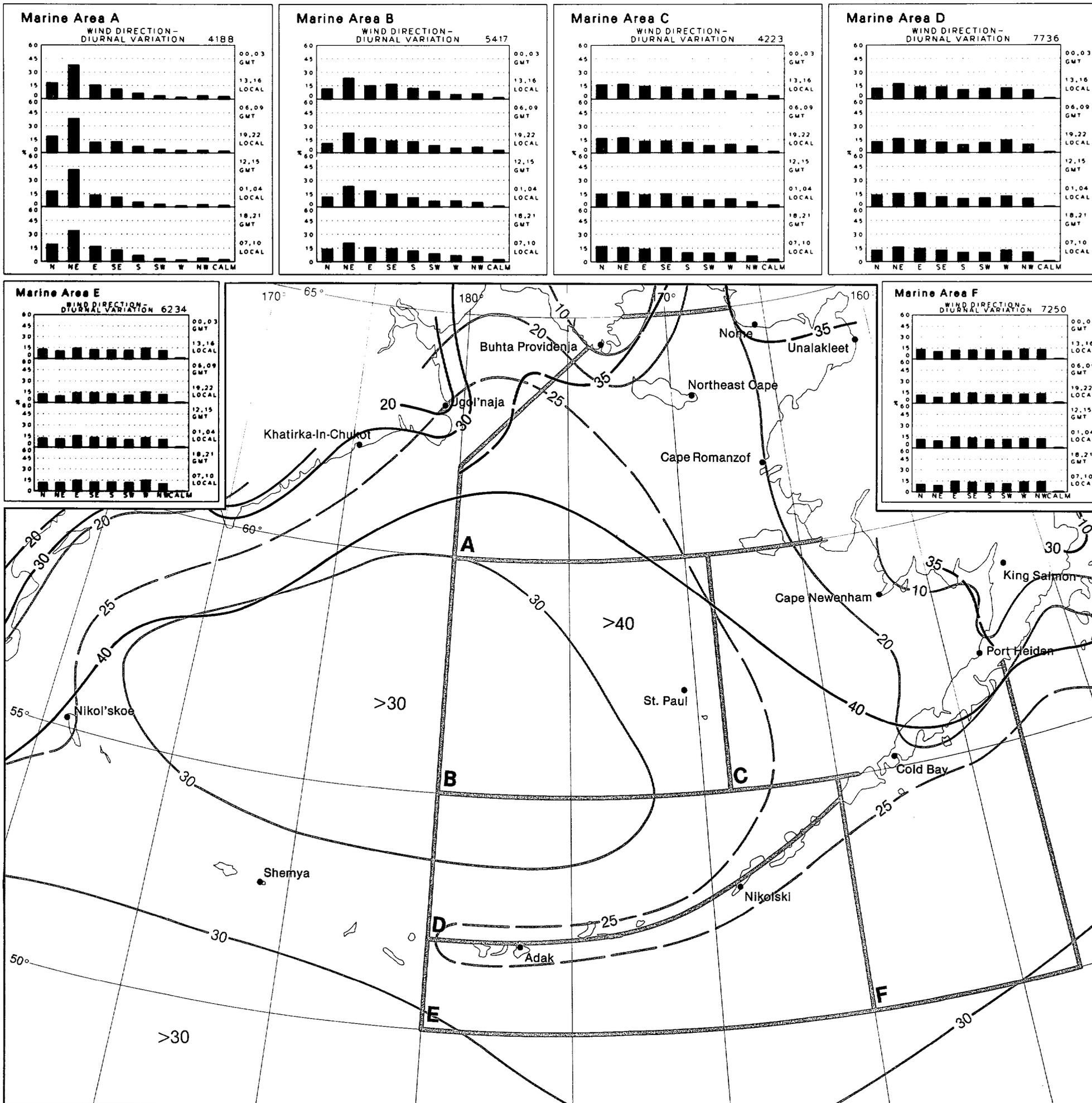
Albers Equal-Area Conic Projection

### Graphs: Wind direction/diurnal variation



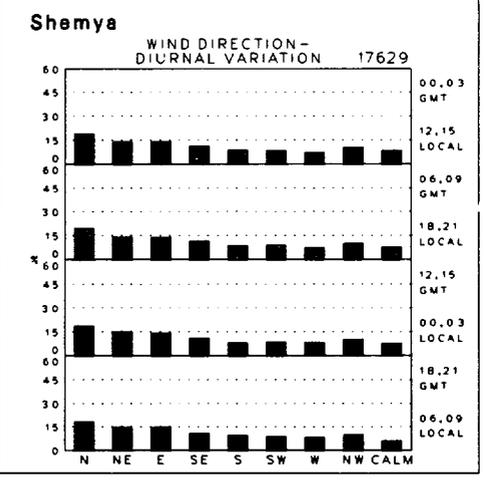
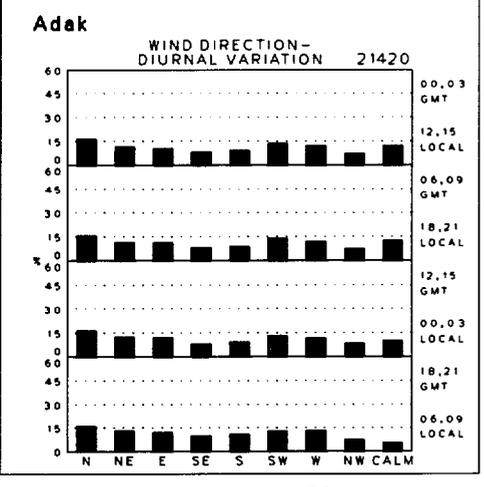
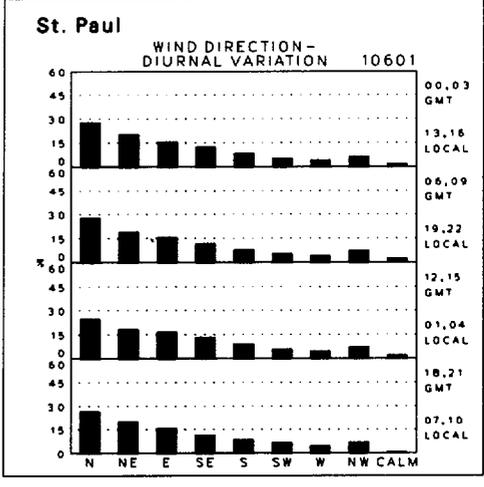
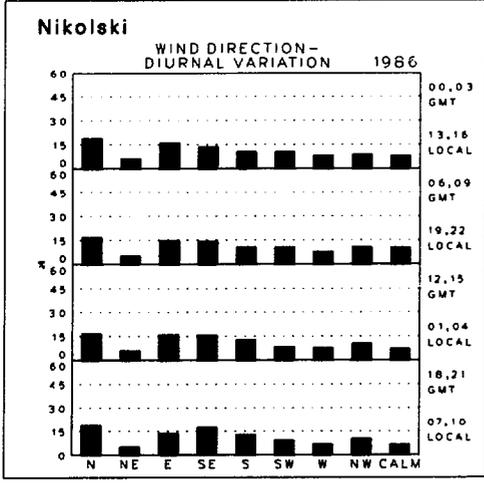
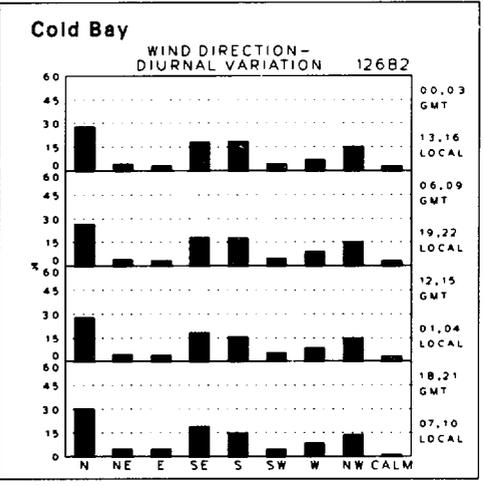
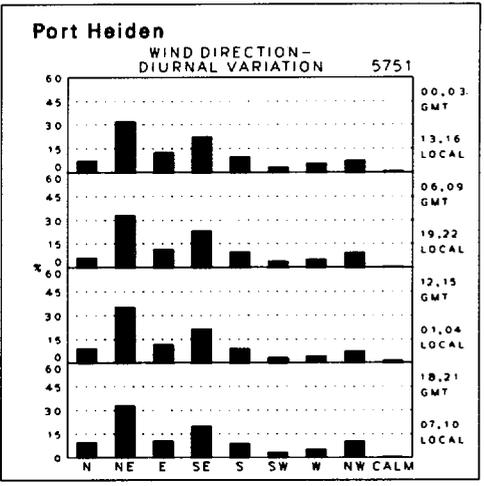
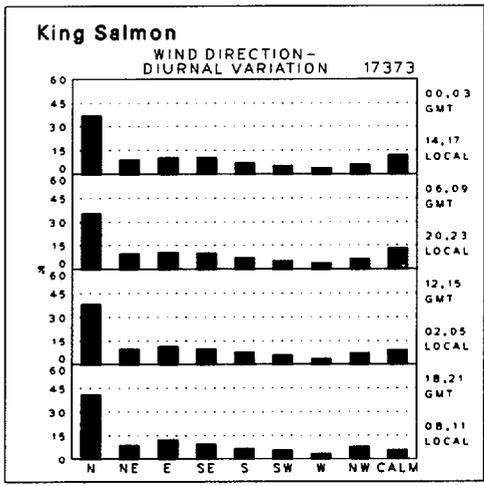
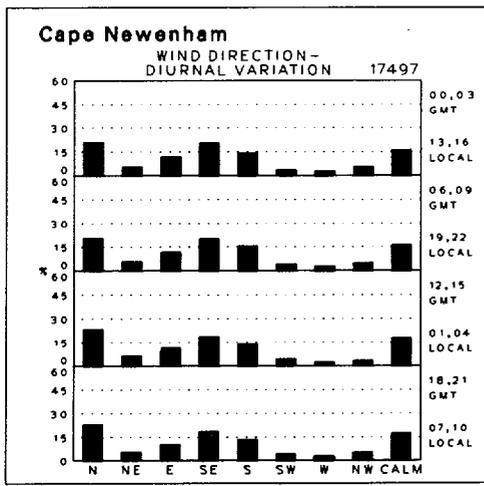
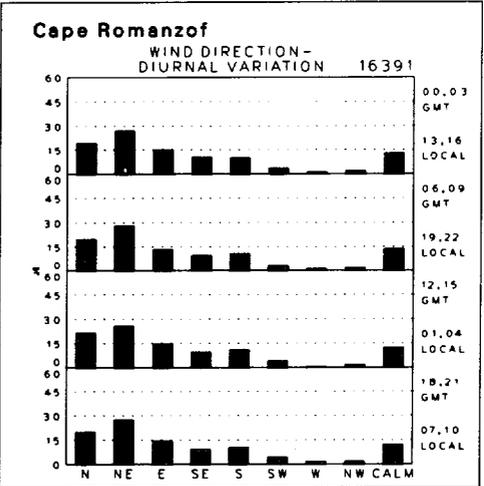
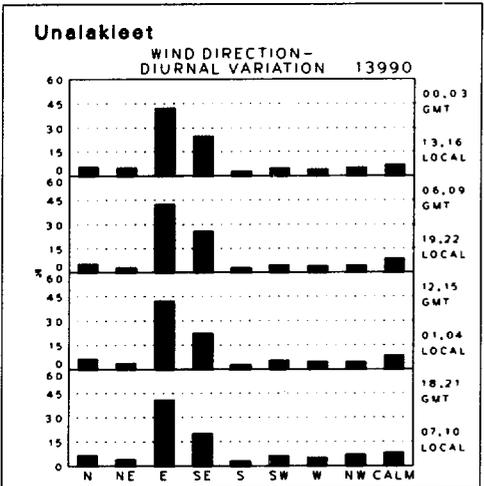
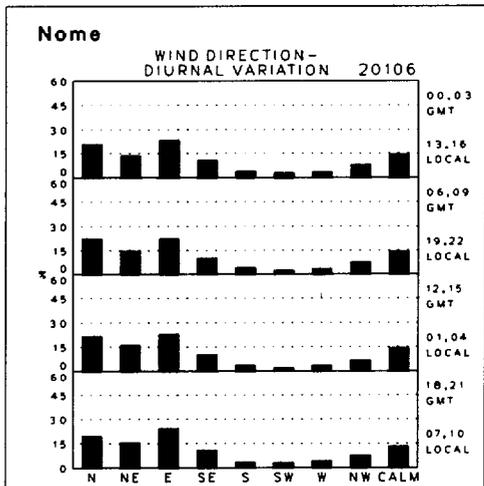
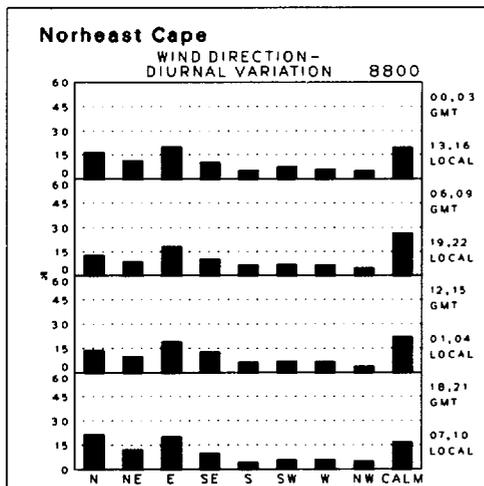
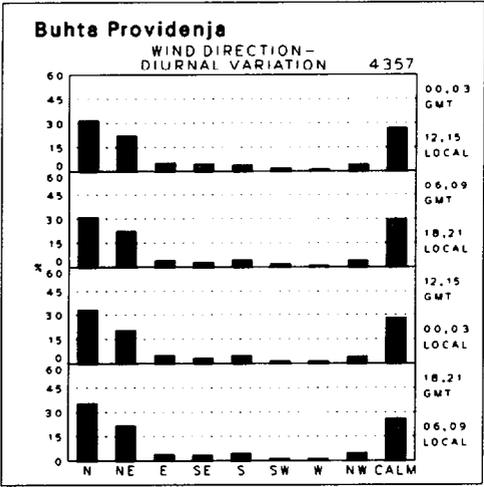
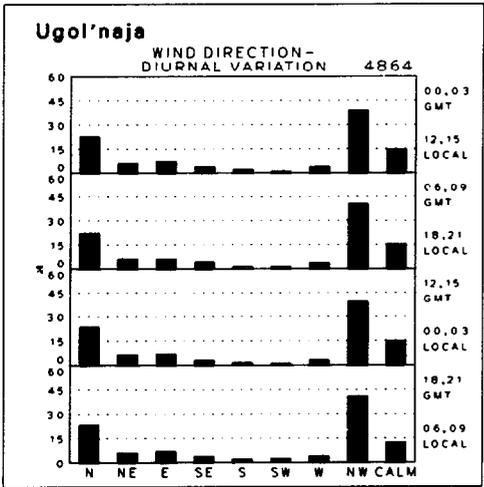
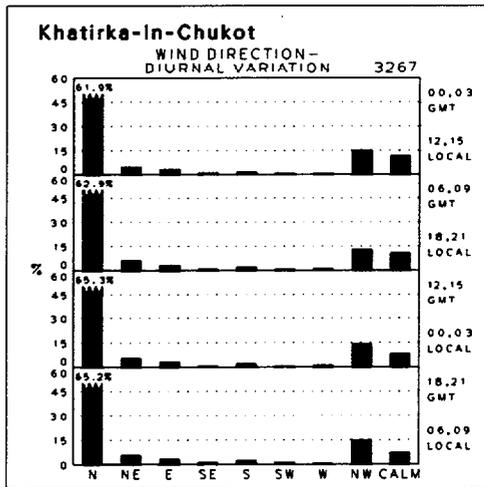
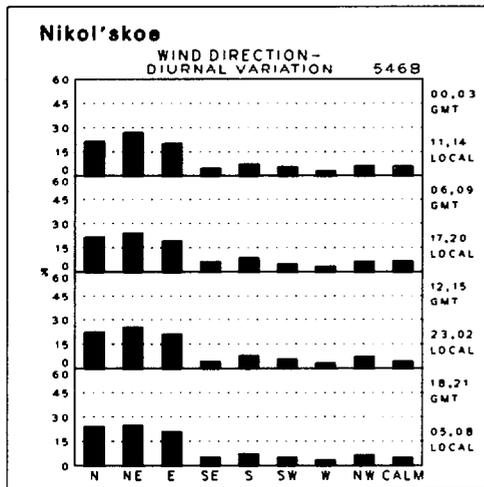
The historical marine data file at the NCDC is made up of data collected and recorded since 1854 in several different units of measurement. Wind direction has been recorded over the years in the 16-, 32-, and 36-point scale. A reduced biasing system was employed in converting wind direction to the 8-point scale used in this atlas. This method attached weighting values to observations which overlap two different 8-point sectors and treats them as “fractional observation counts.”

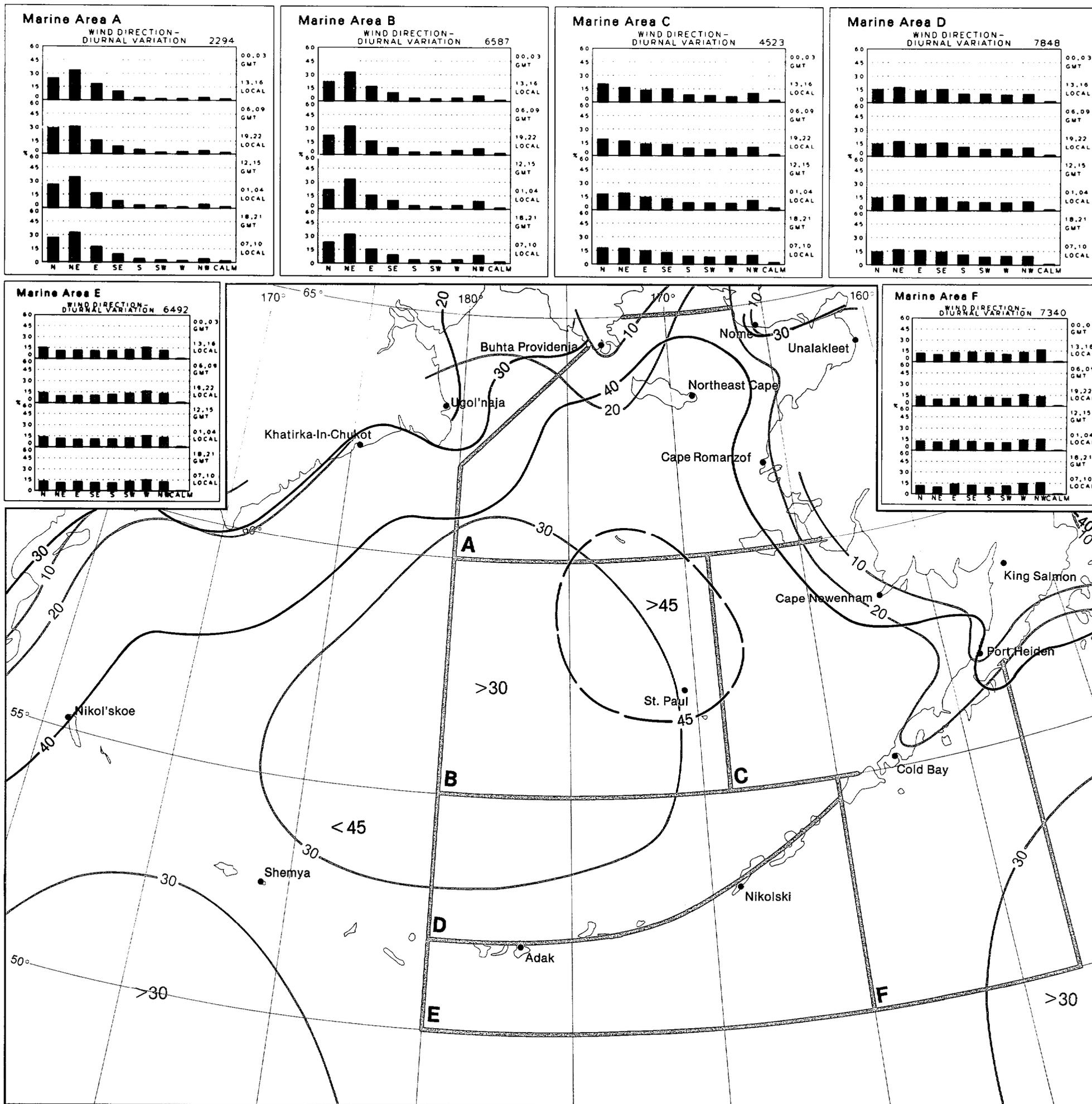




12 Wind Speed 11-21 and 22-33 Knots

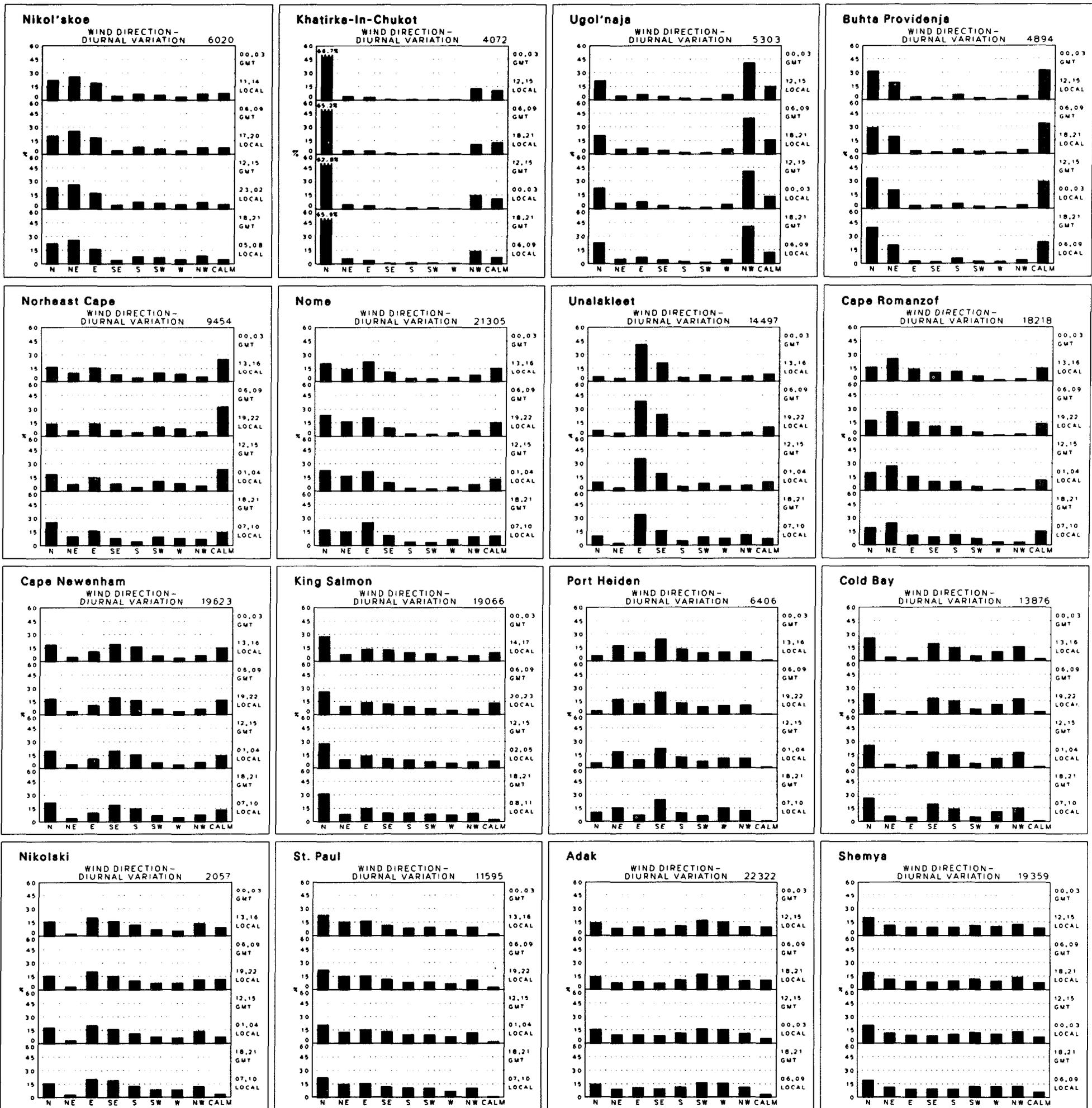
January





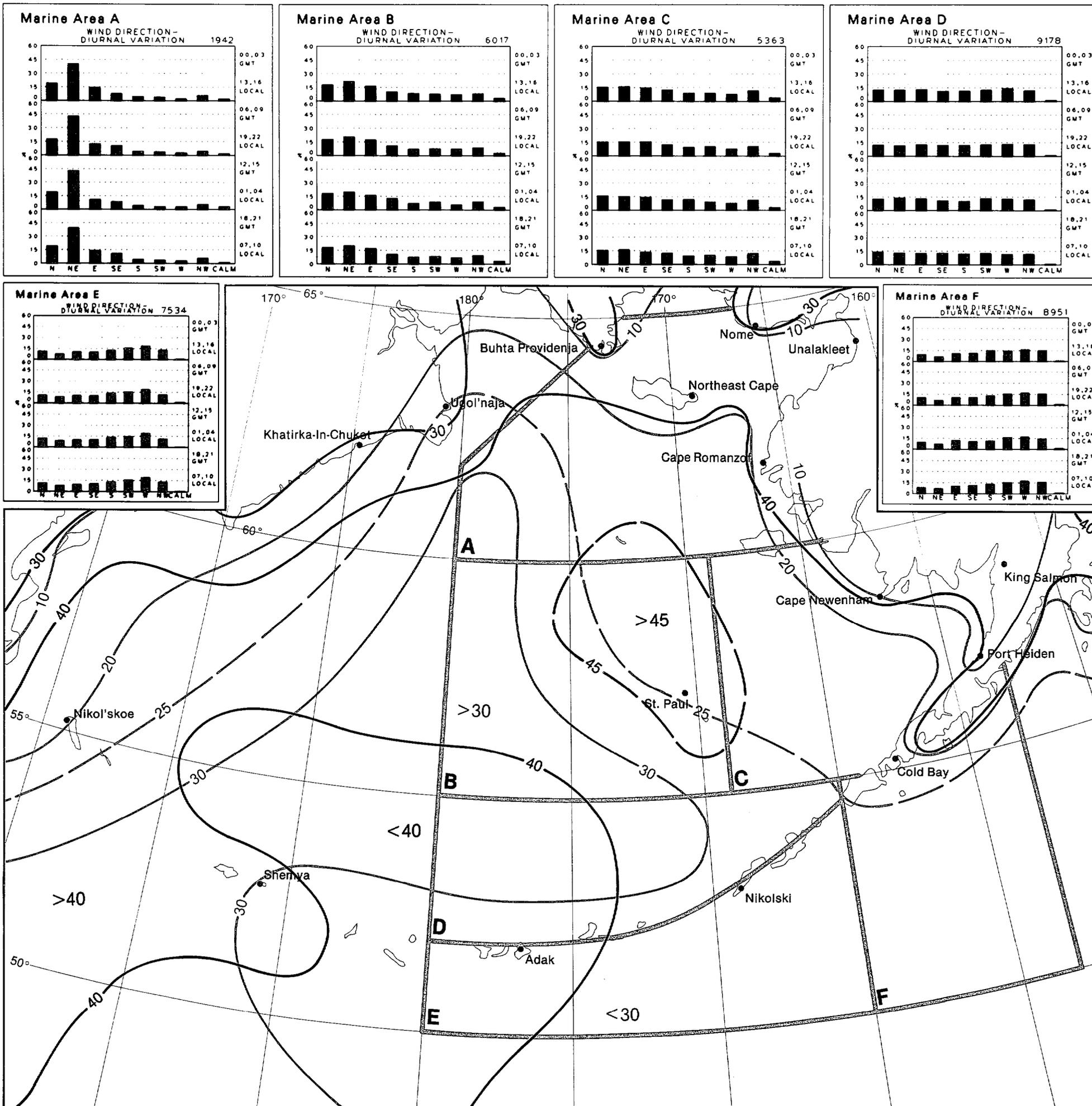
12 Wind Speed 11-21 and 22-33 Knots

February



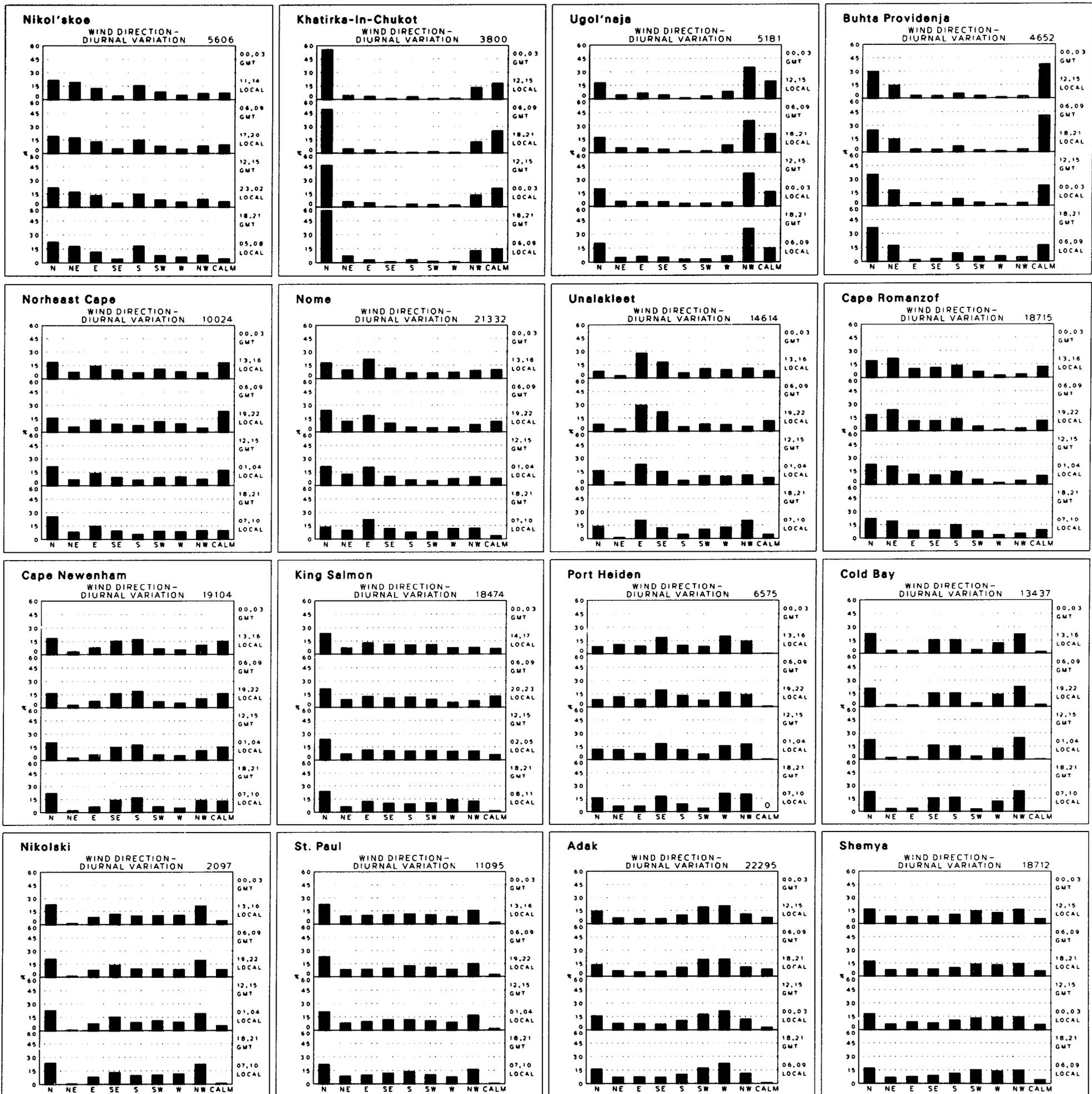
March

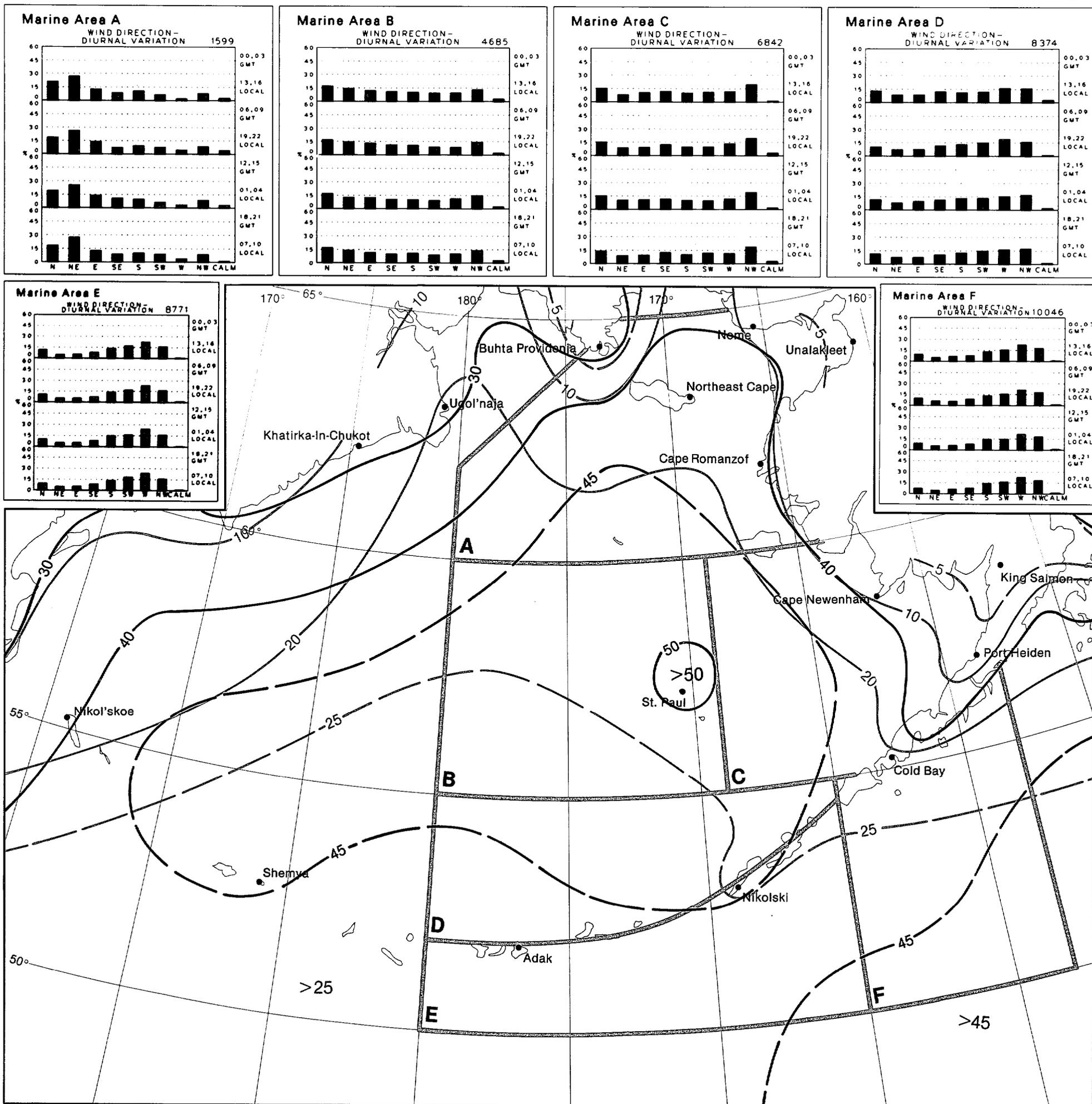
12 Wind Direction and Diurnal Variation



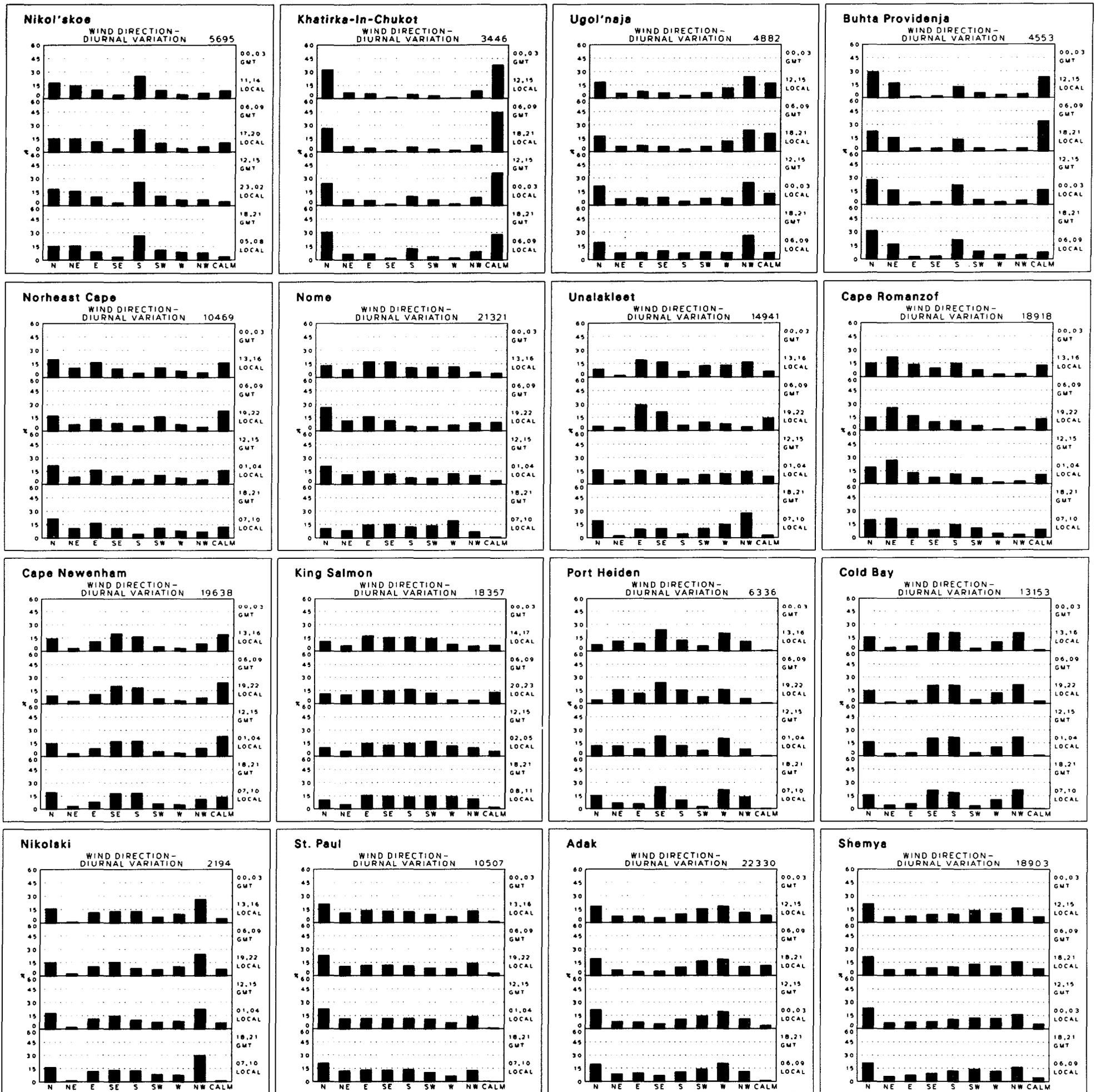
12 Wind Speed 11-21 and 22-33 Knots

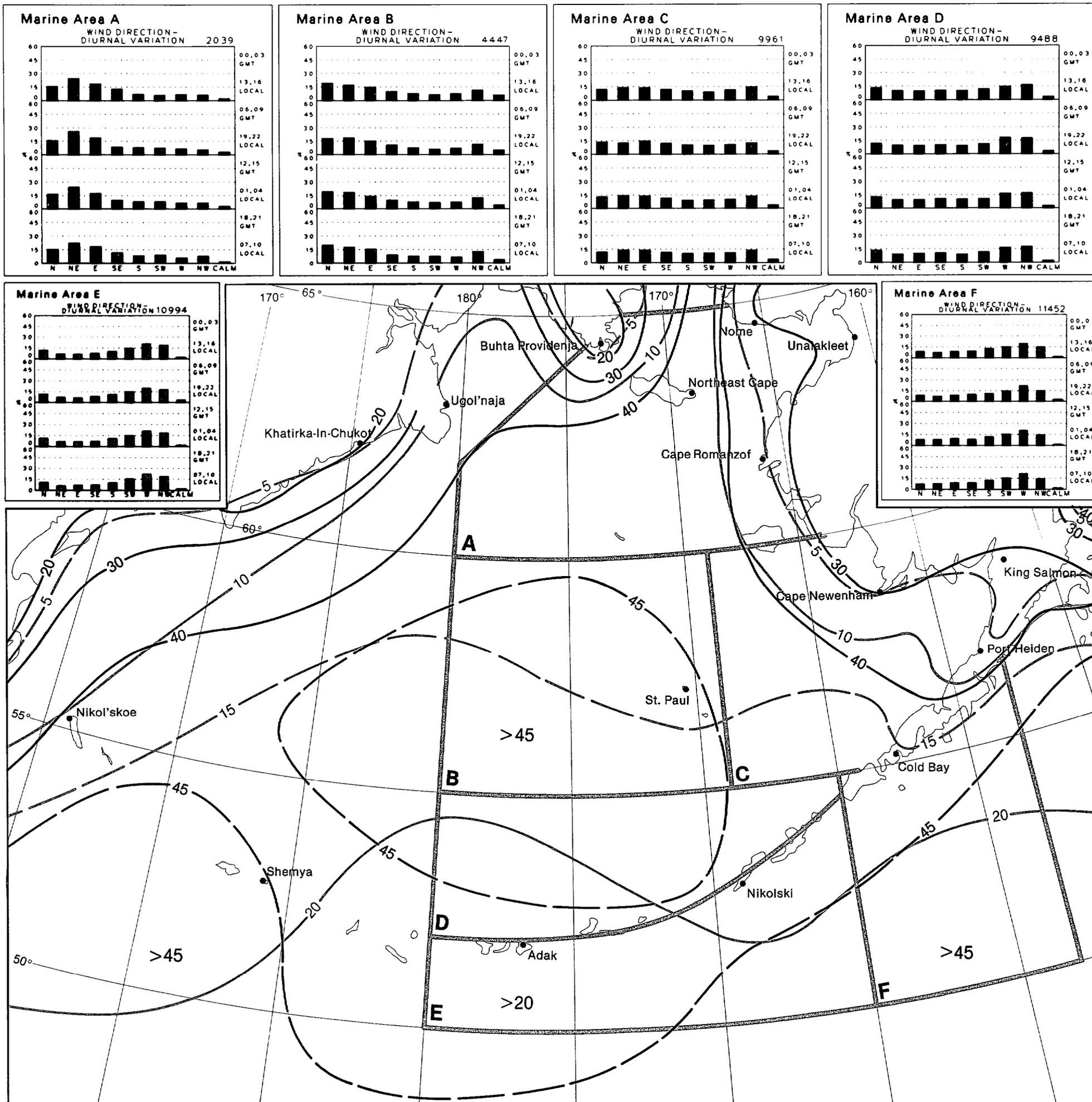
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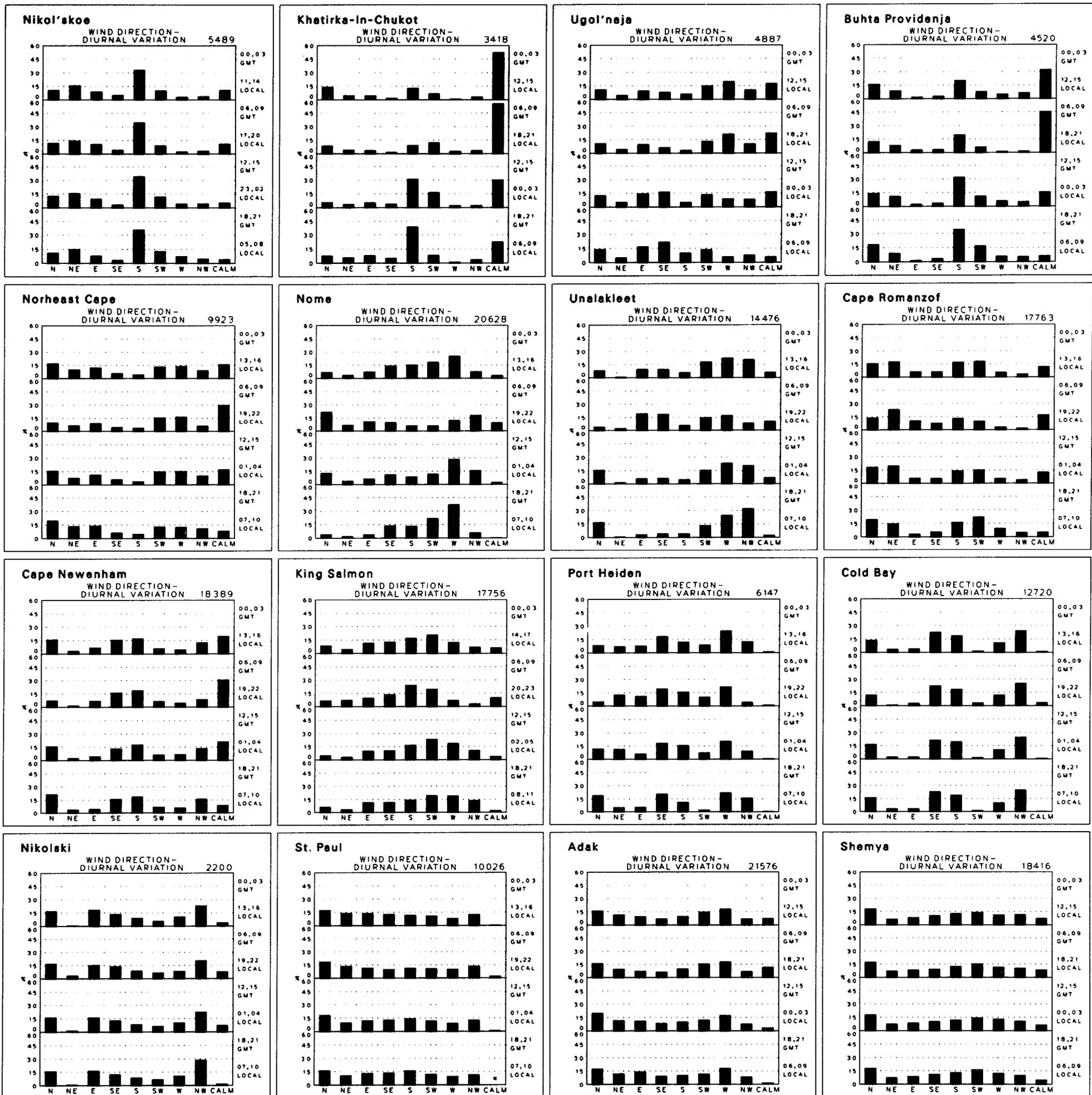
12 Wind Speed 11-21 and 22-33 Knots

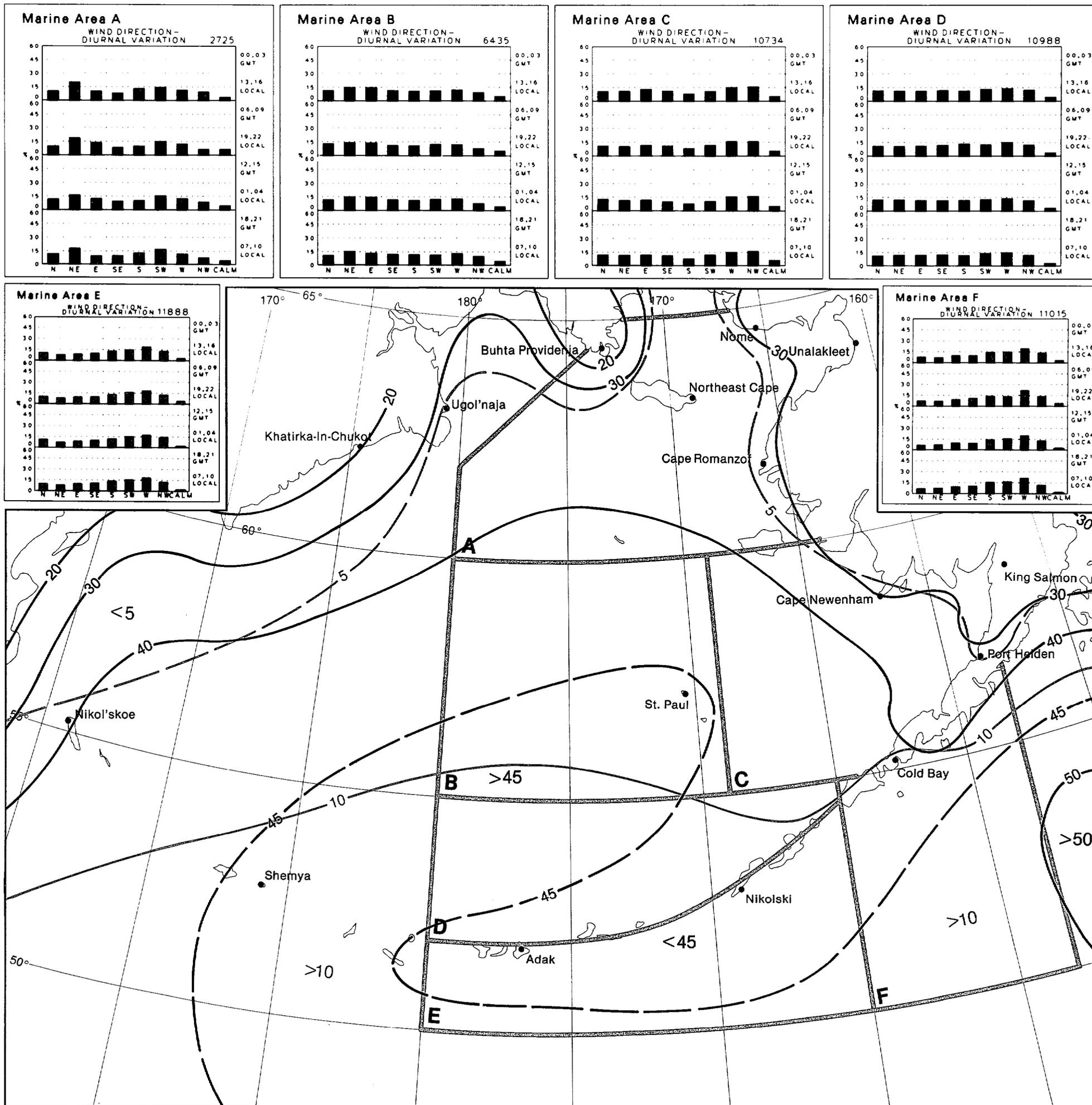




12 Wind Speed 11-21 and 22-33 Knots

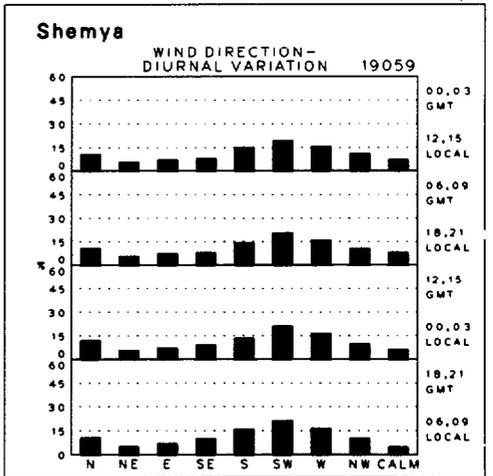
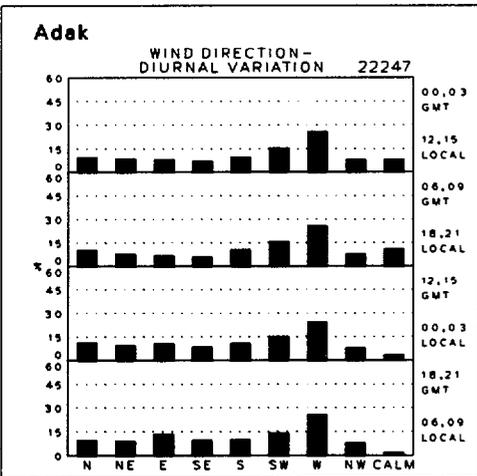
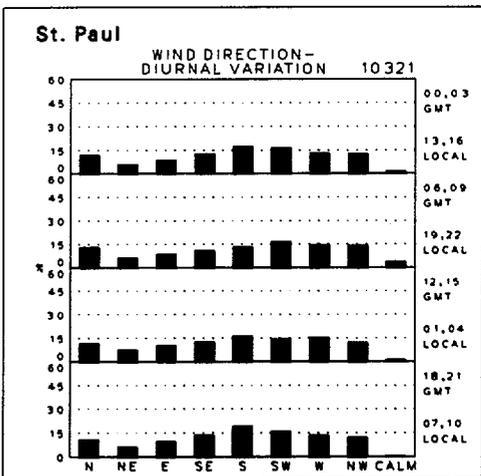
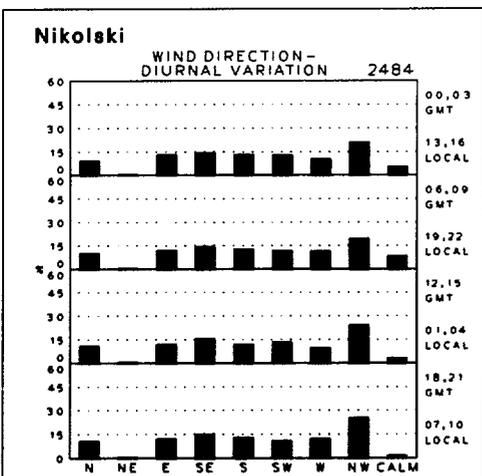
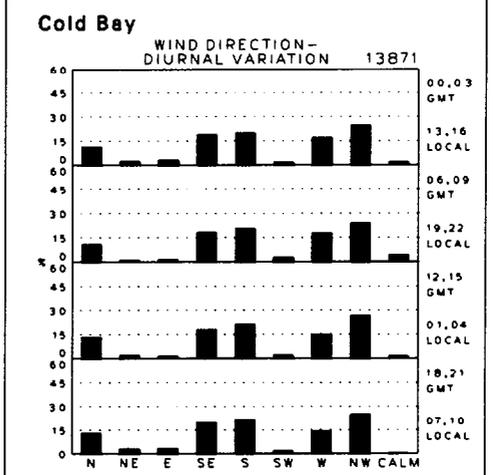
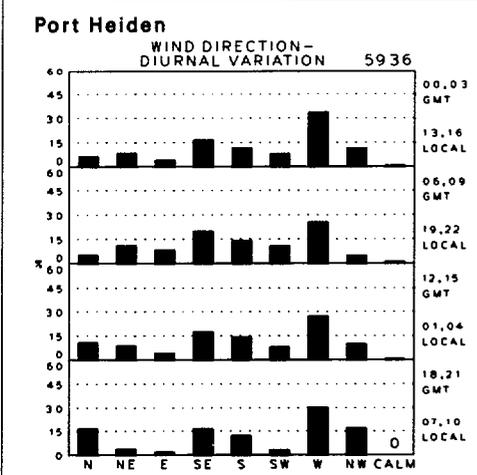
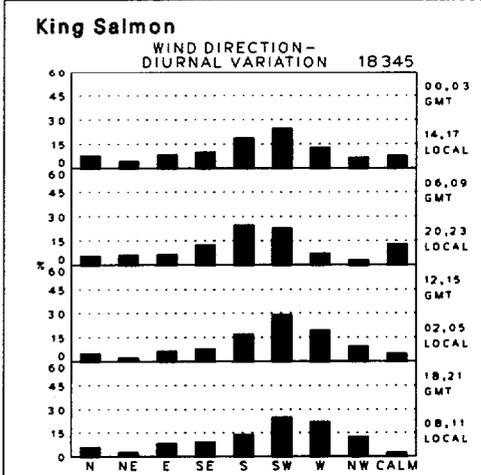
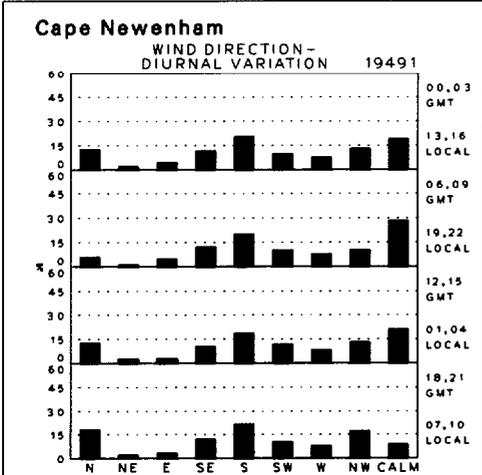
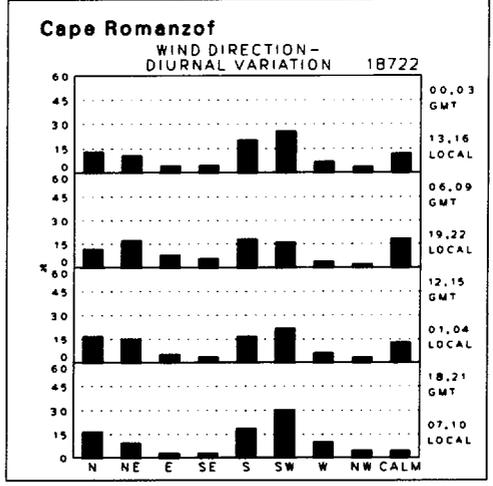
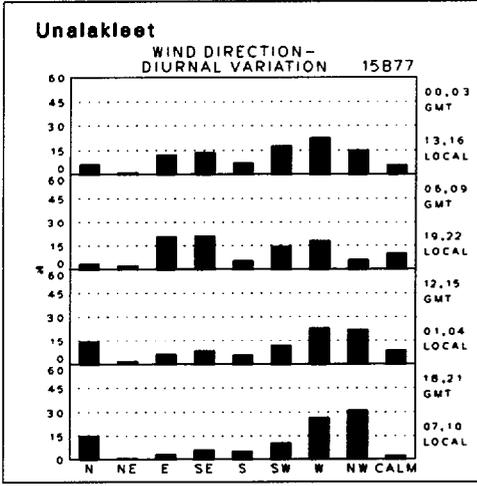
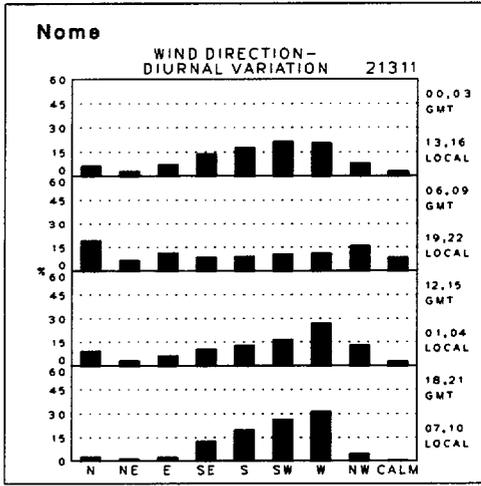
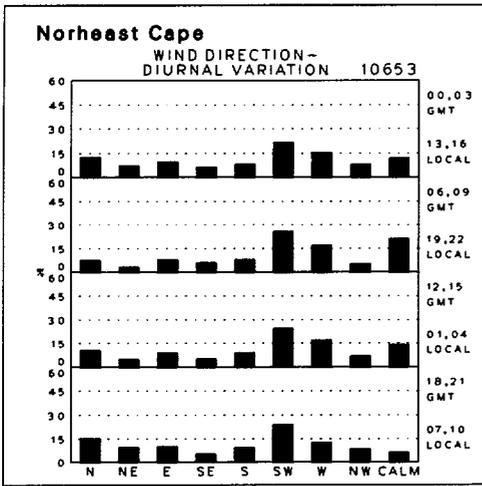
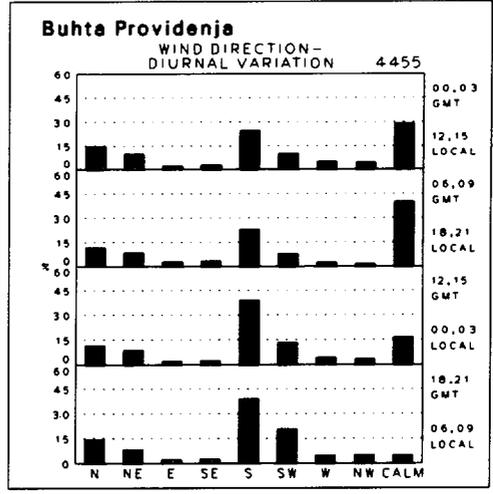
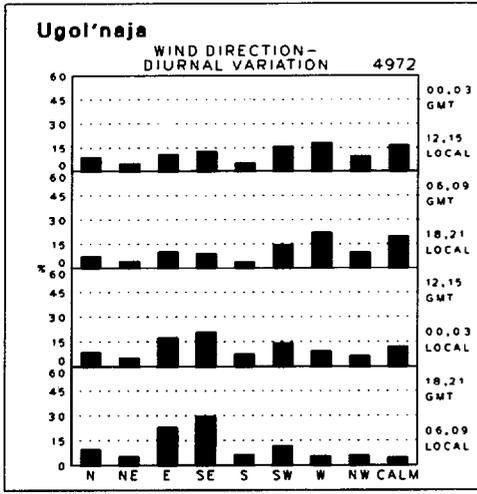
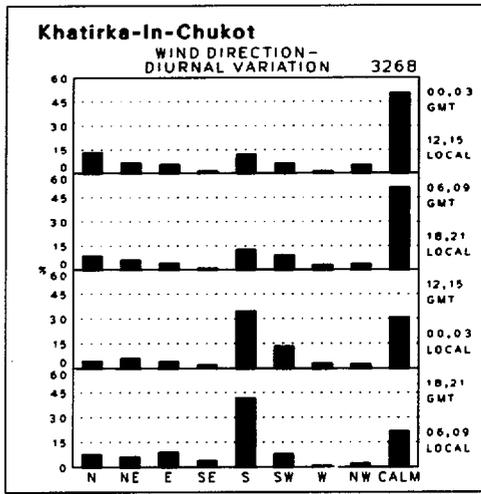
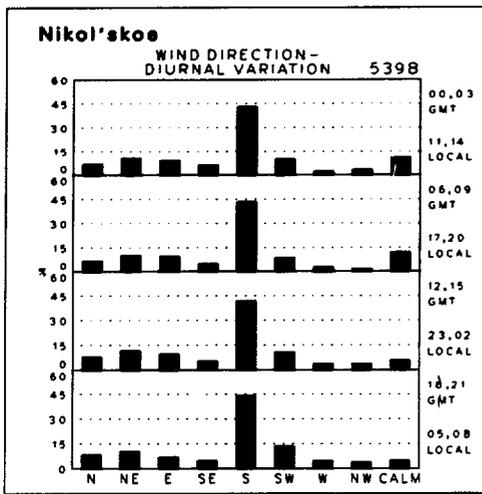
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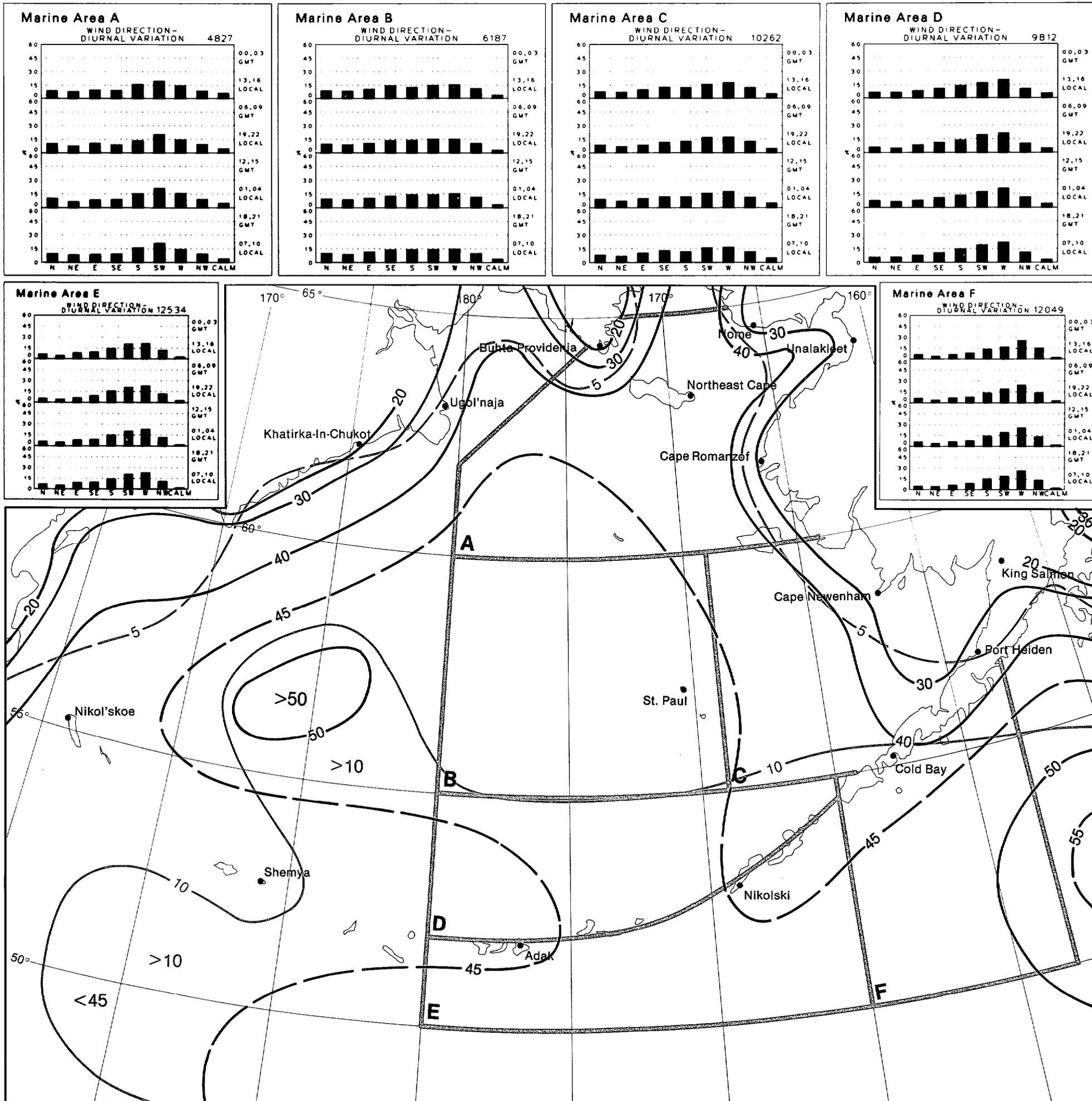




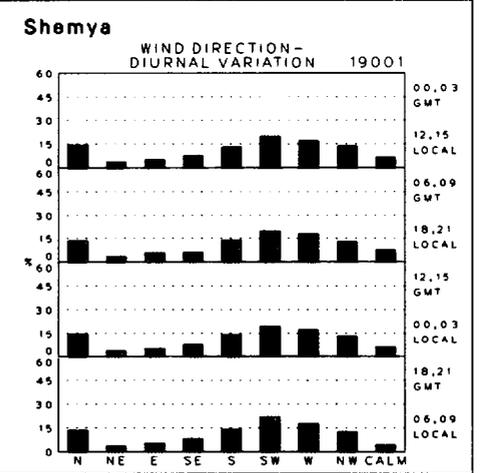
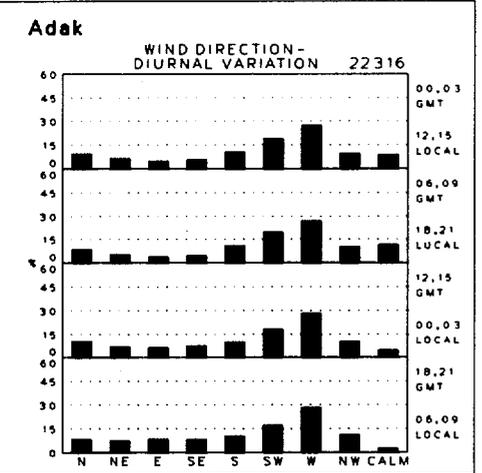
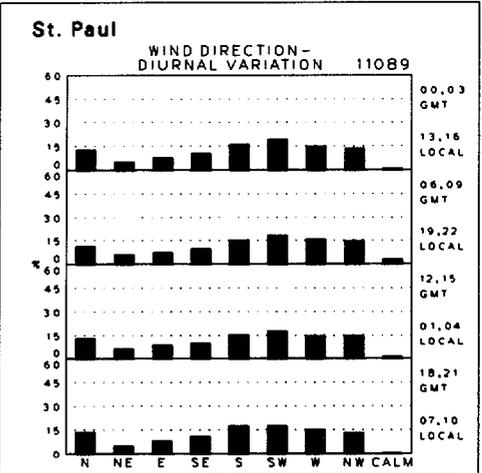
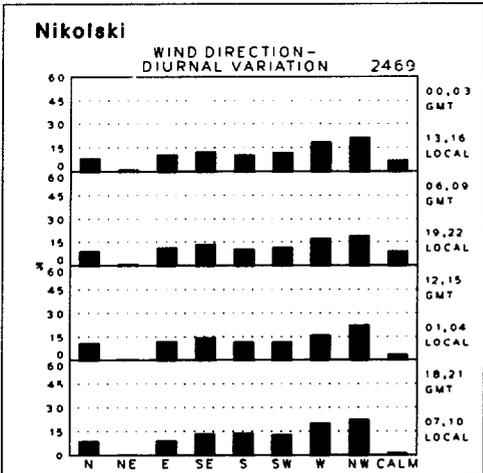
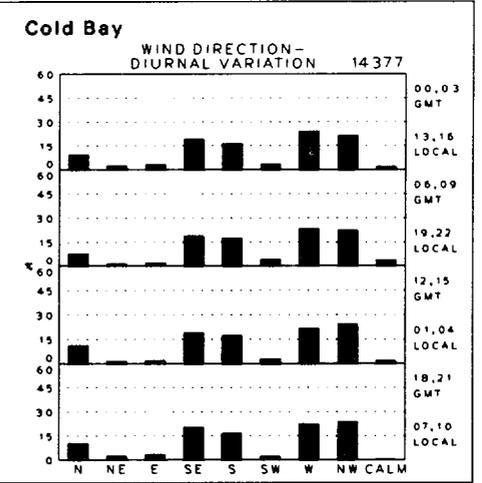
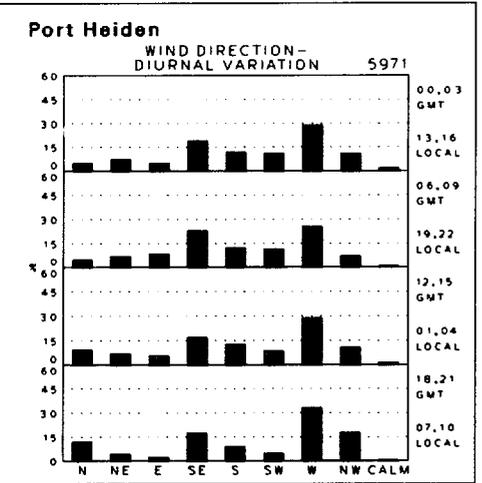
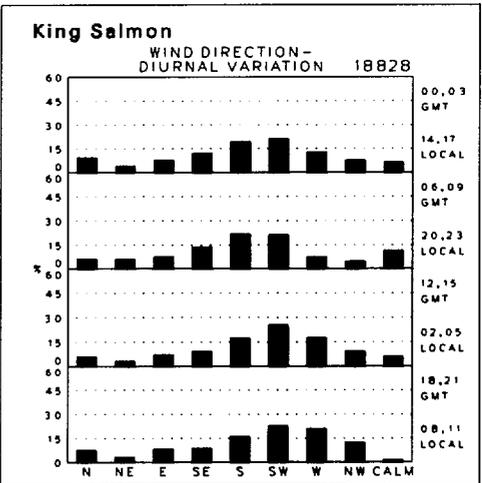
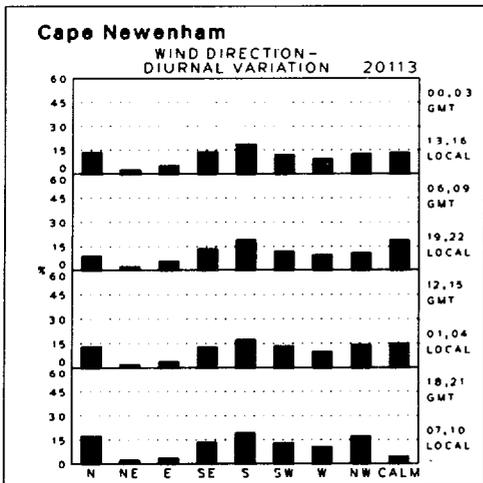
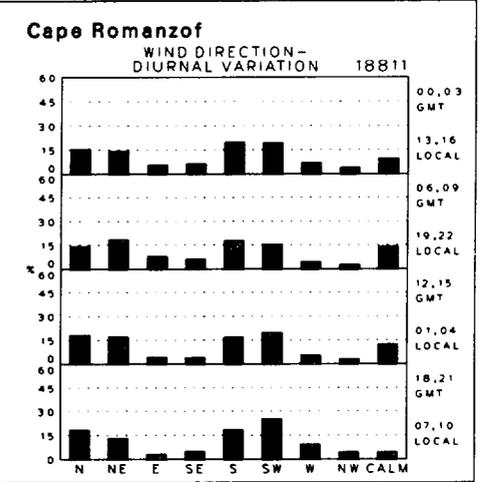
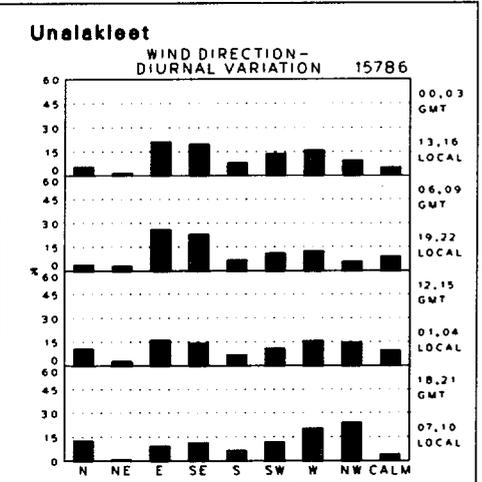
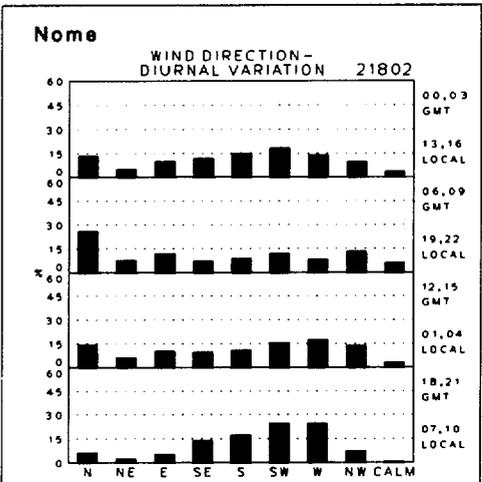
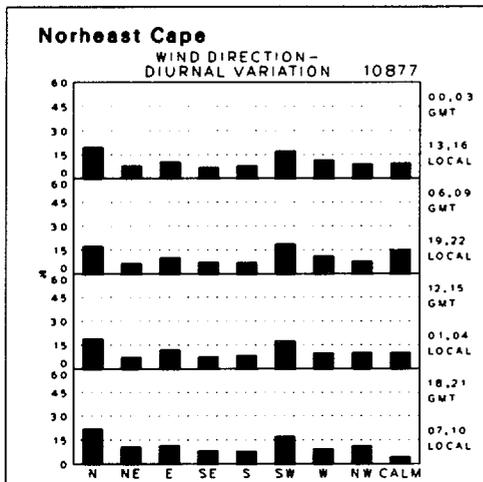
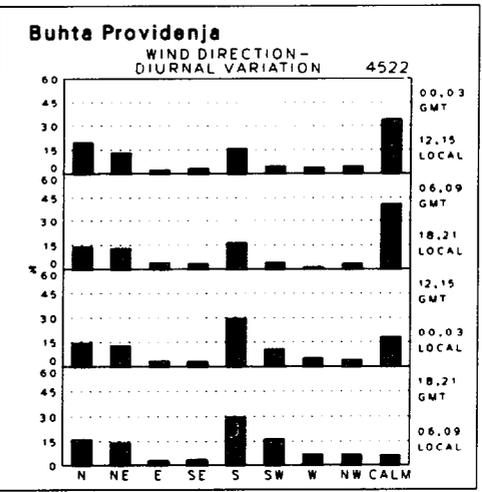
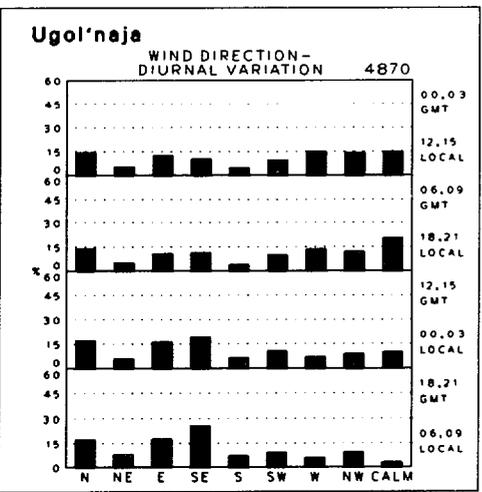
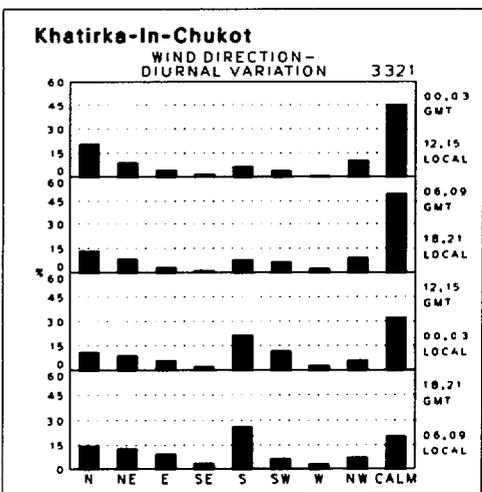
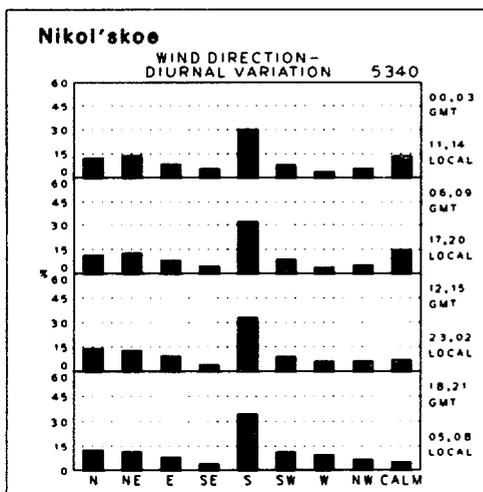
12 Wind Speed 11-21 and 22-33 Knots

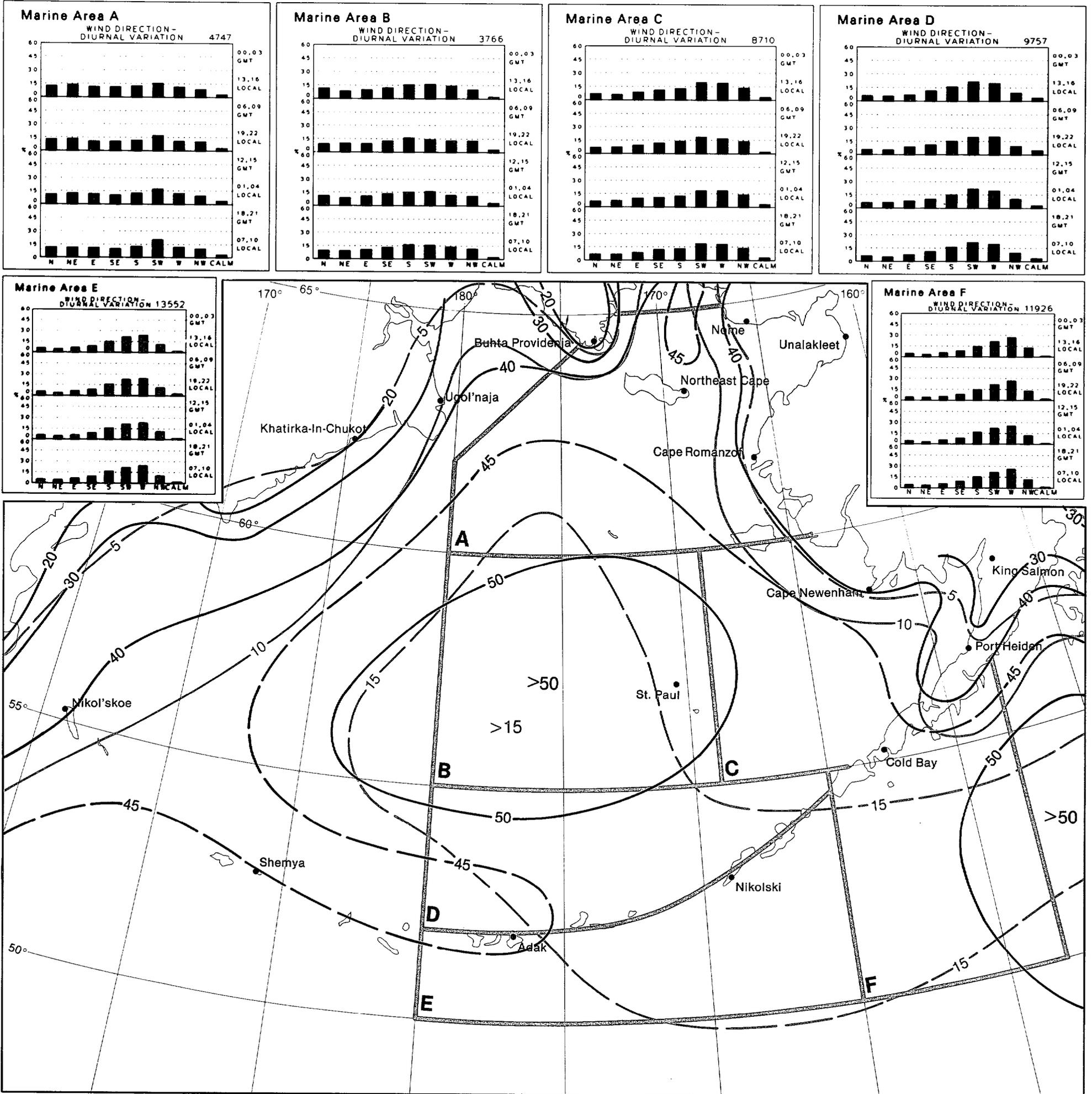
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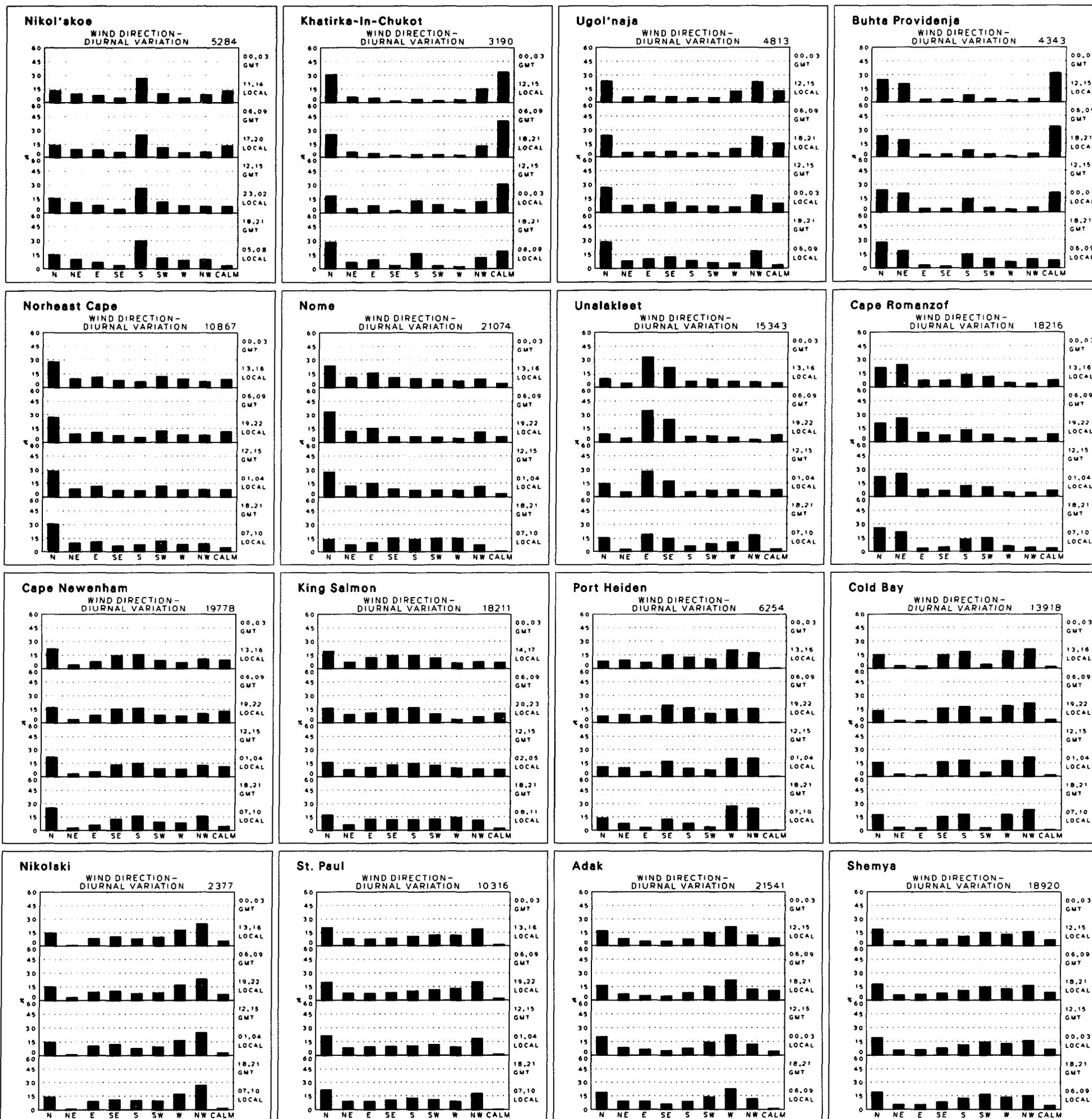
12 Wind Speed 11-21 and 22-33 Knots

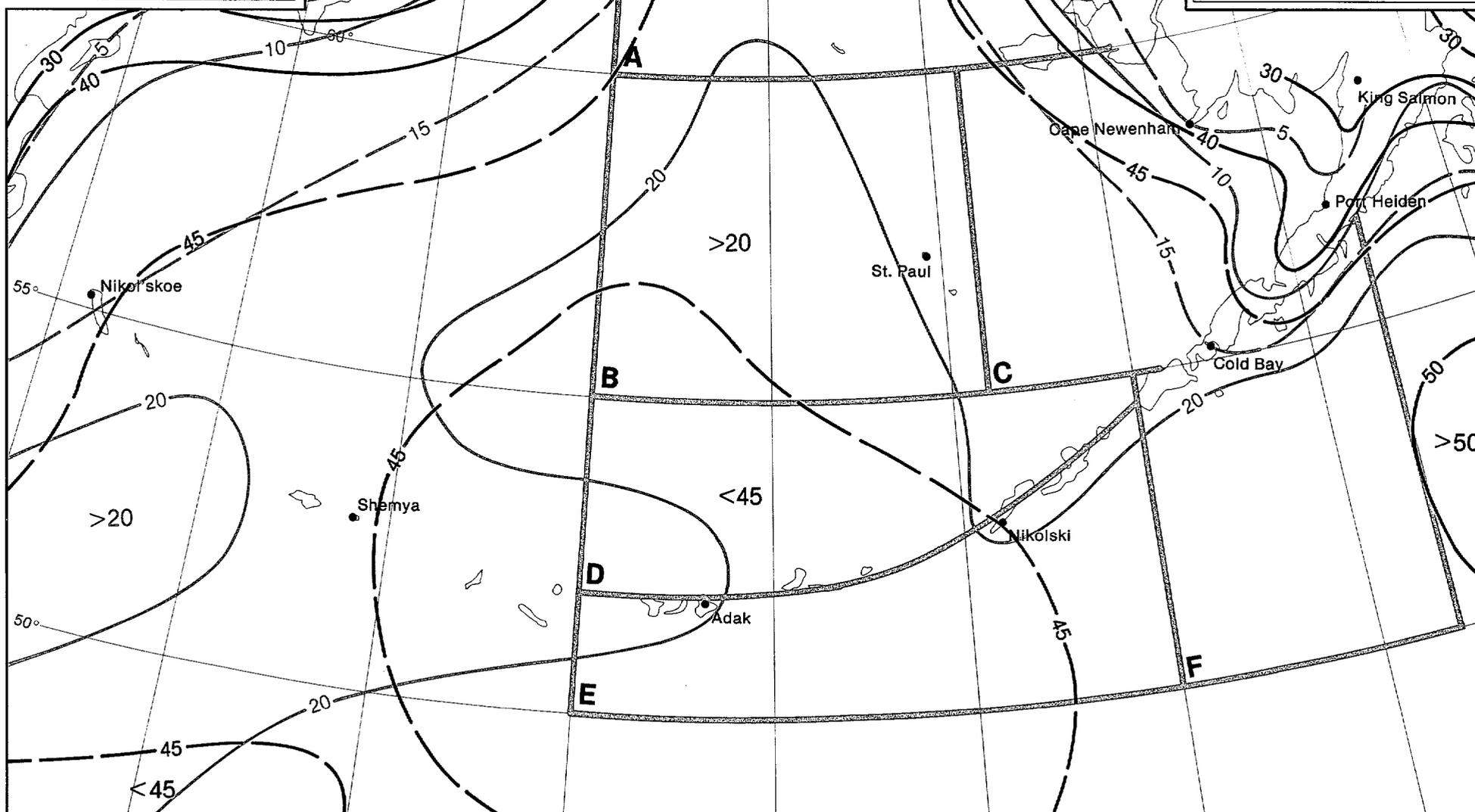
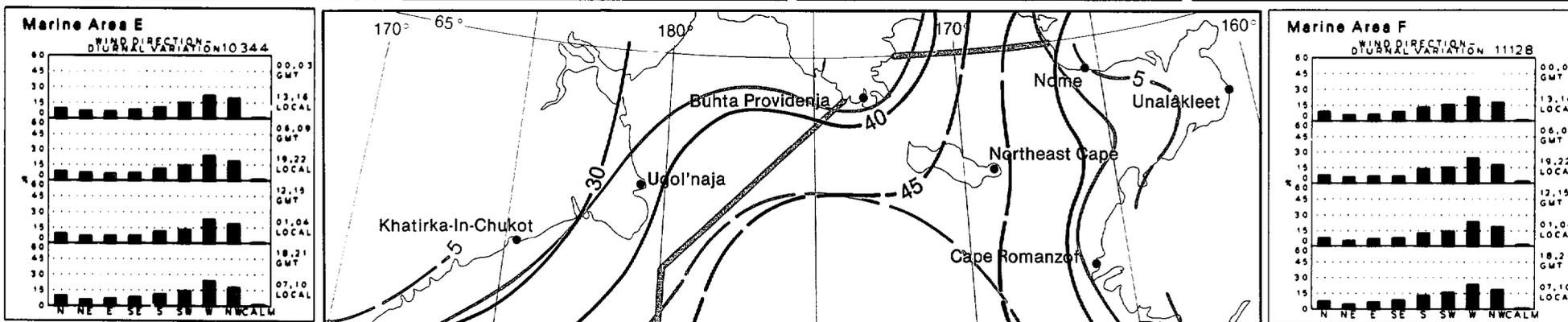
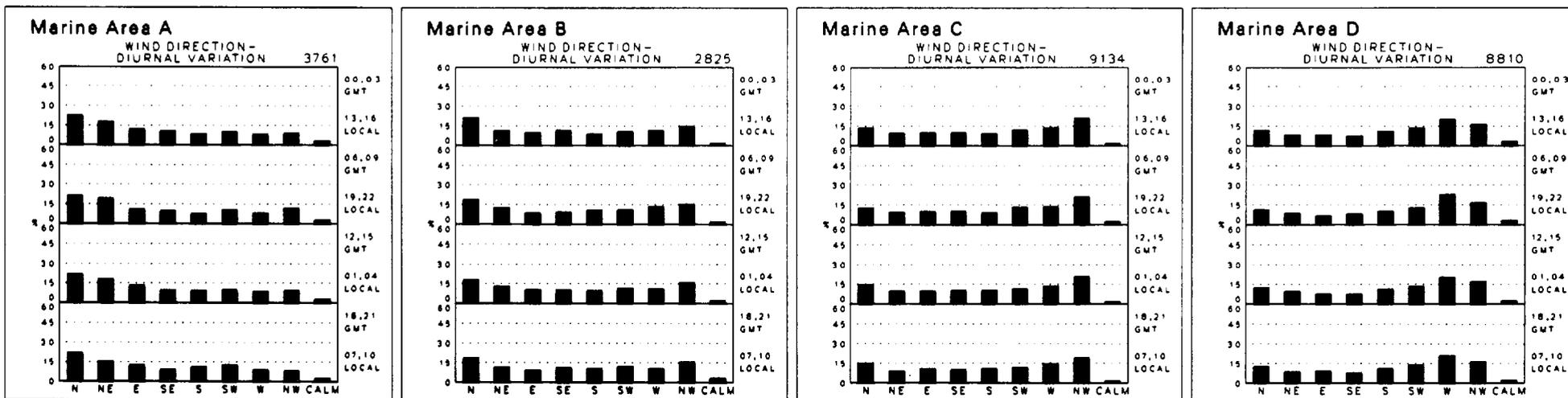




12 Wind Speed 11-21 and 22-33 Knots

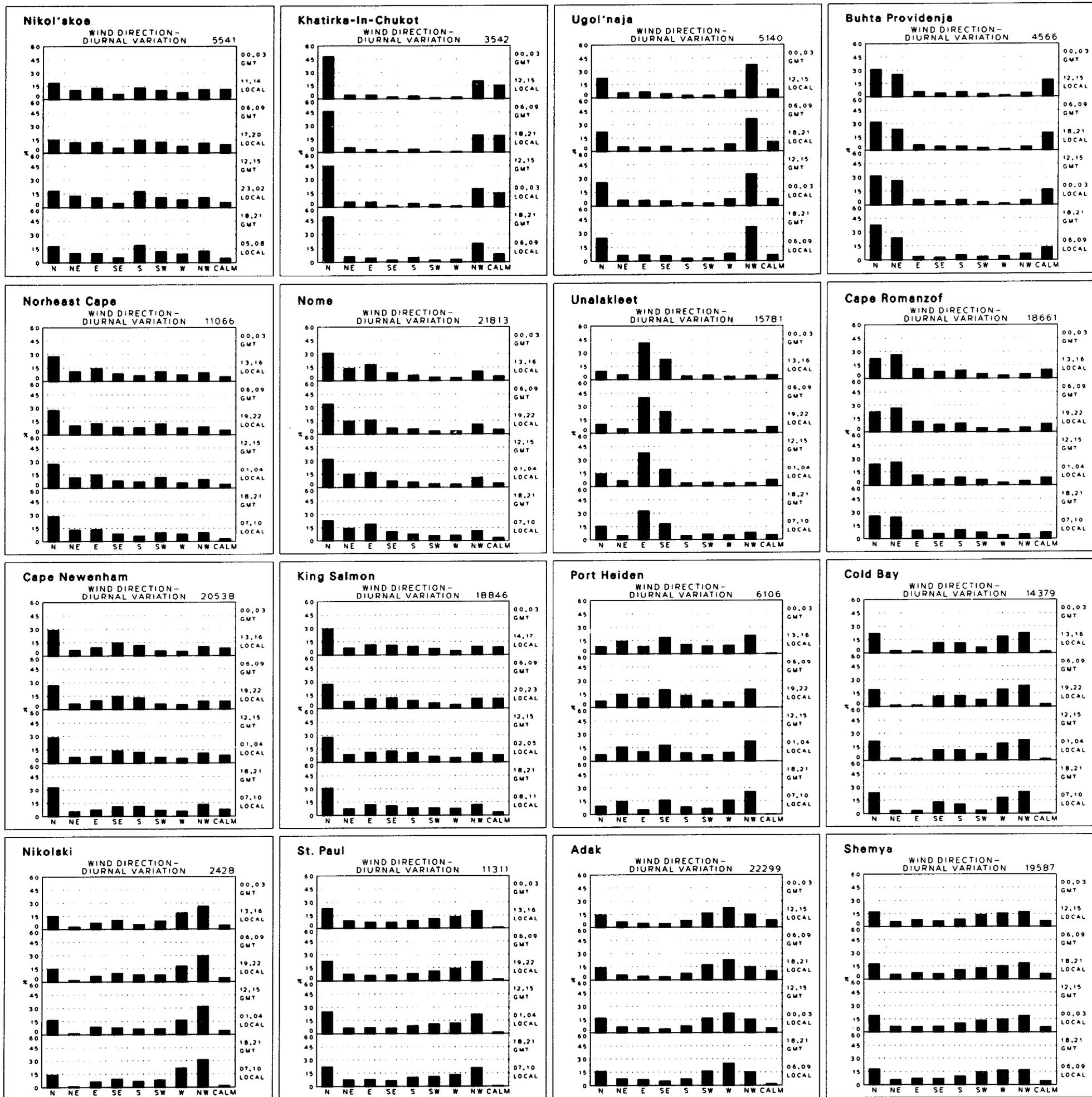
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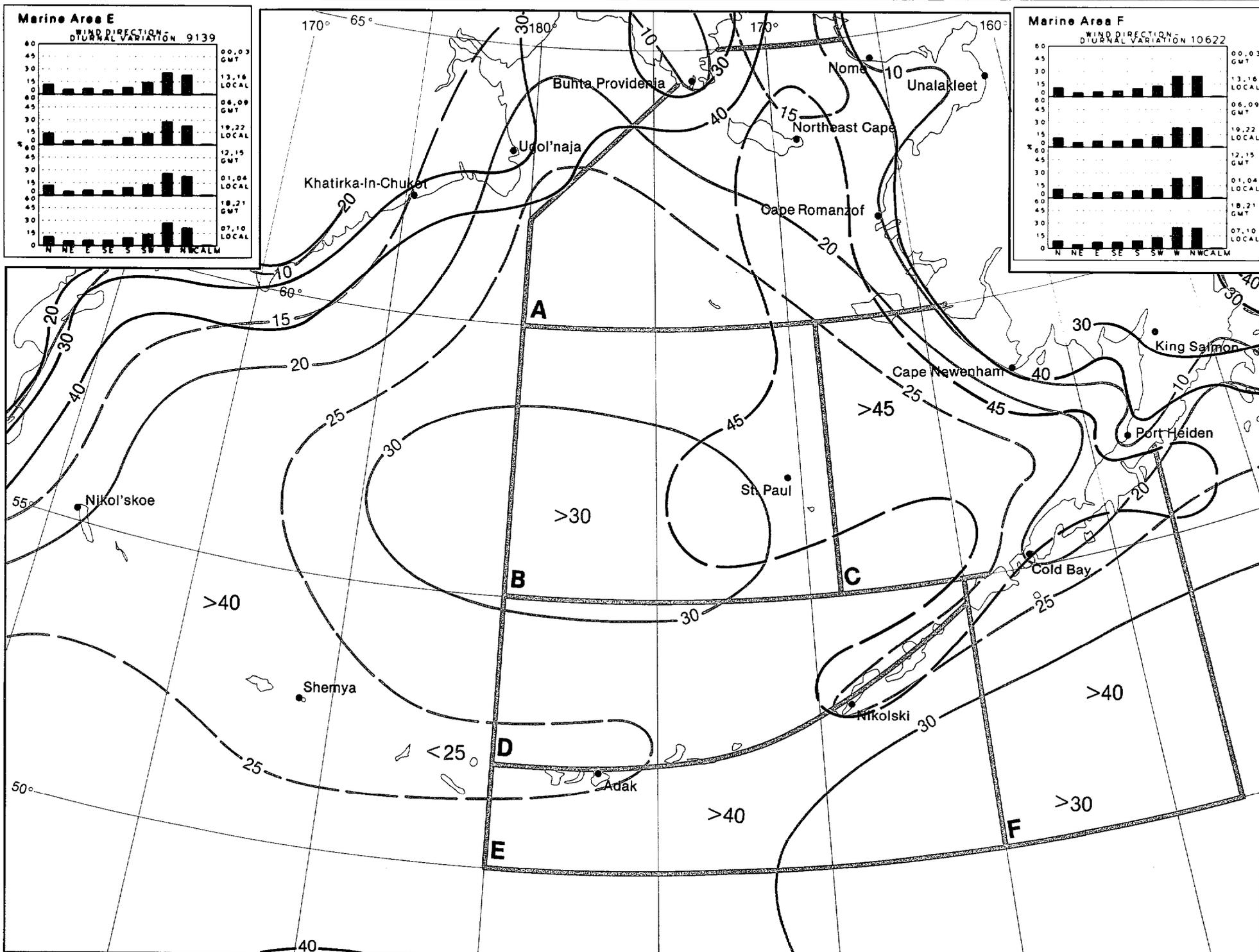
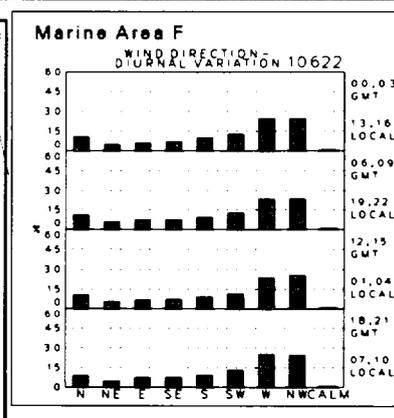
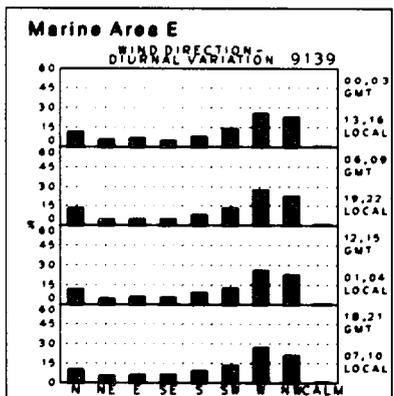
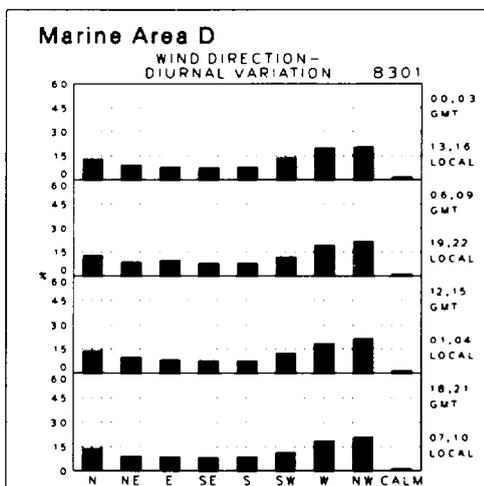
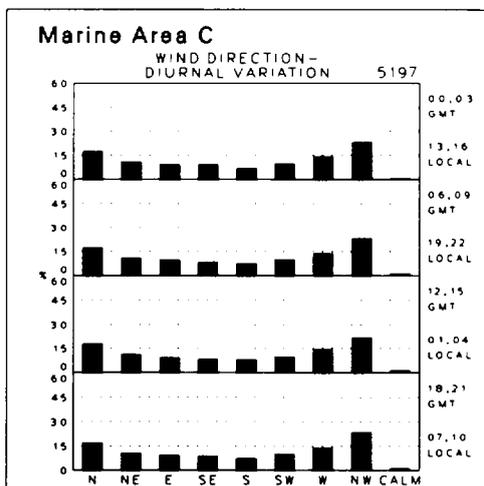
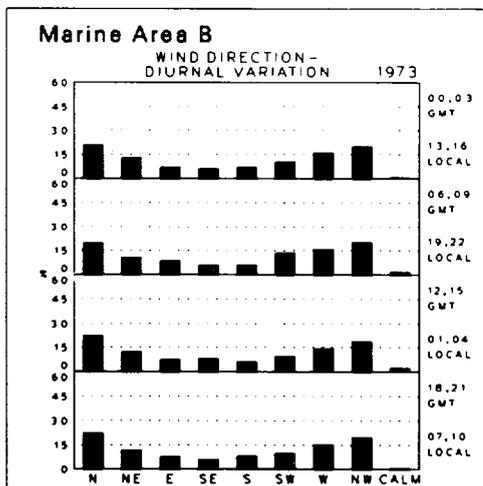
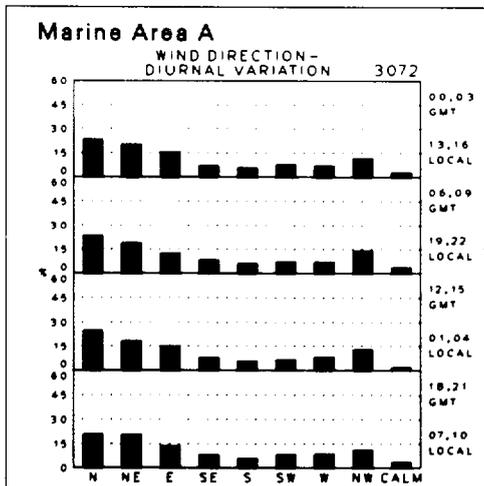




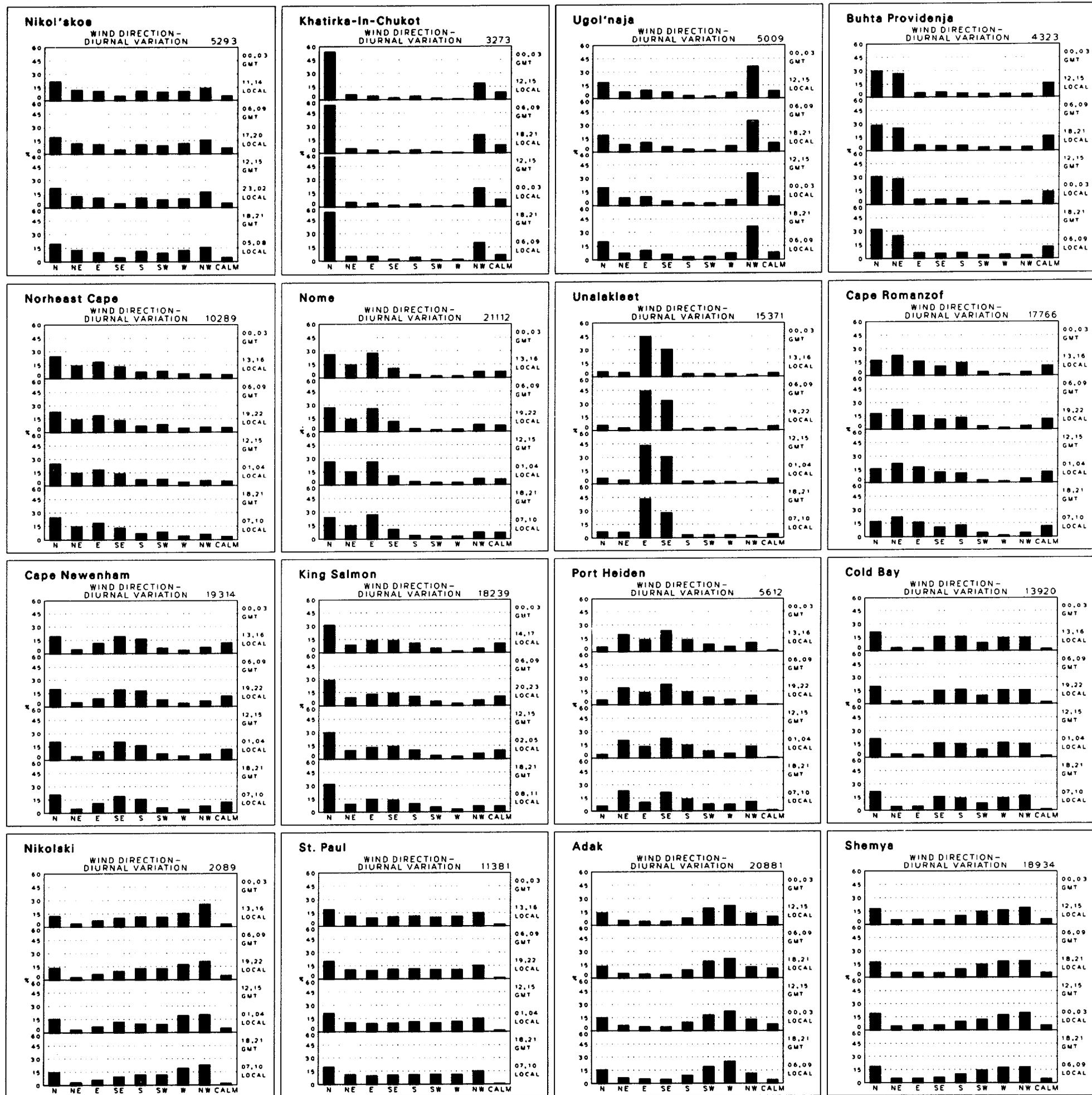
12 Wind Speed 11-21 and 22-33 Knots

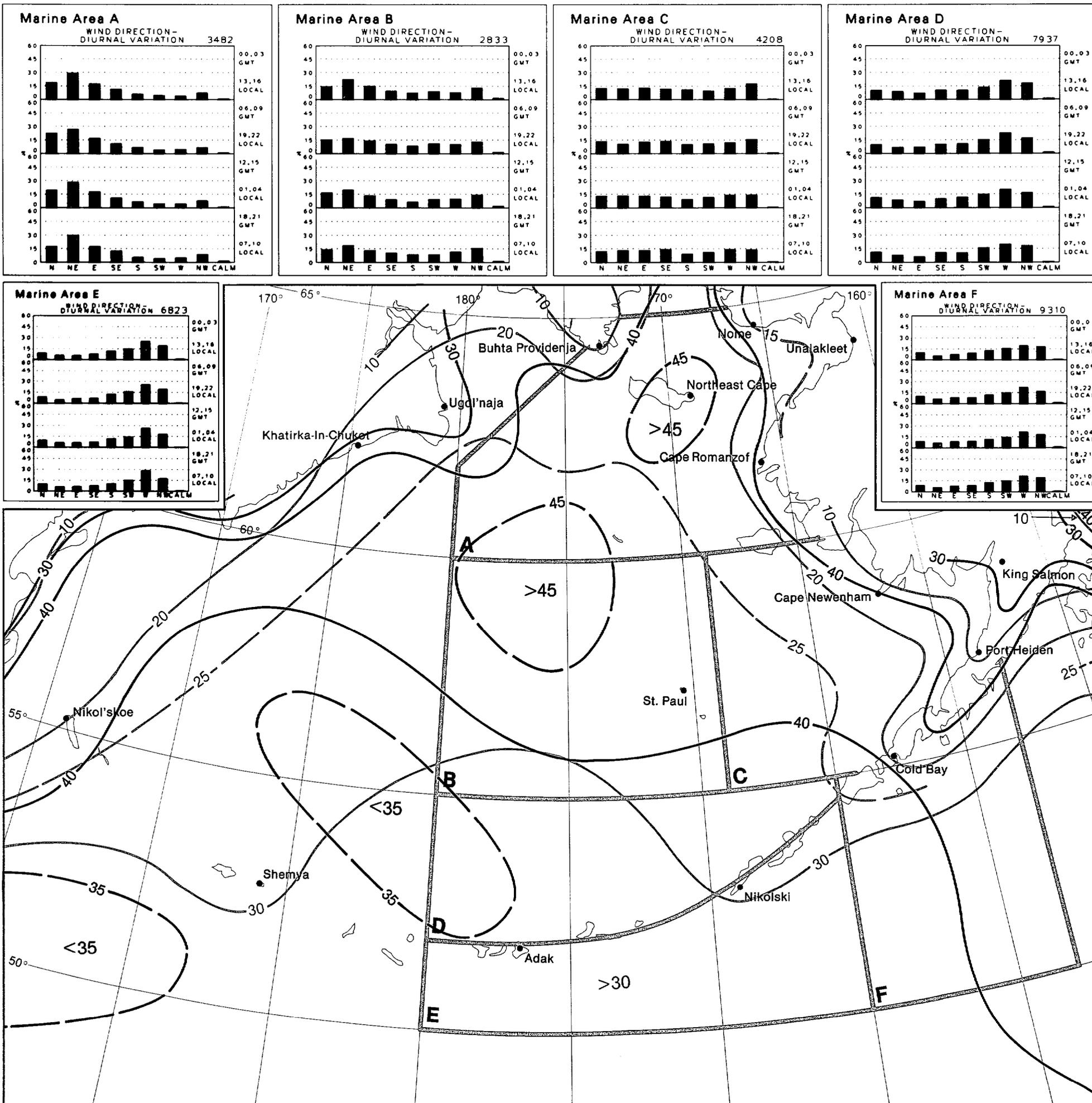
September





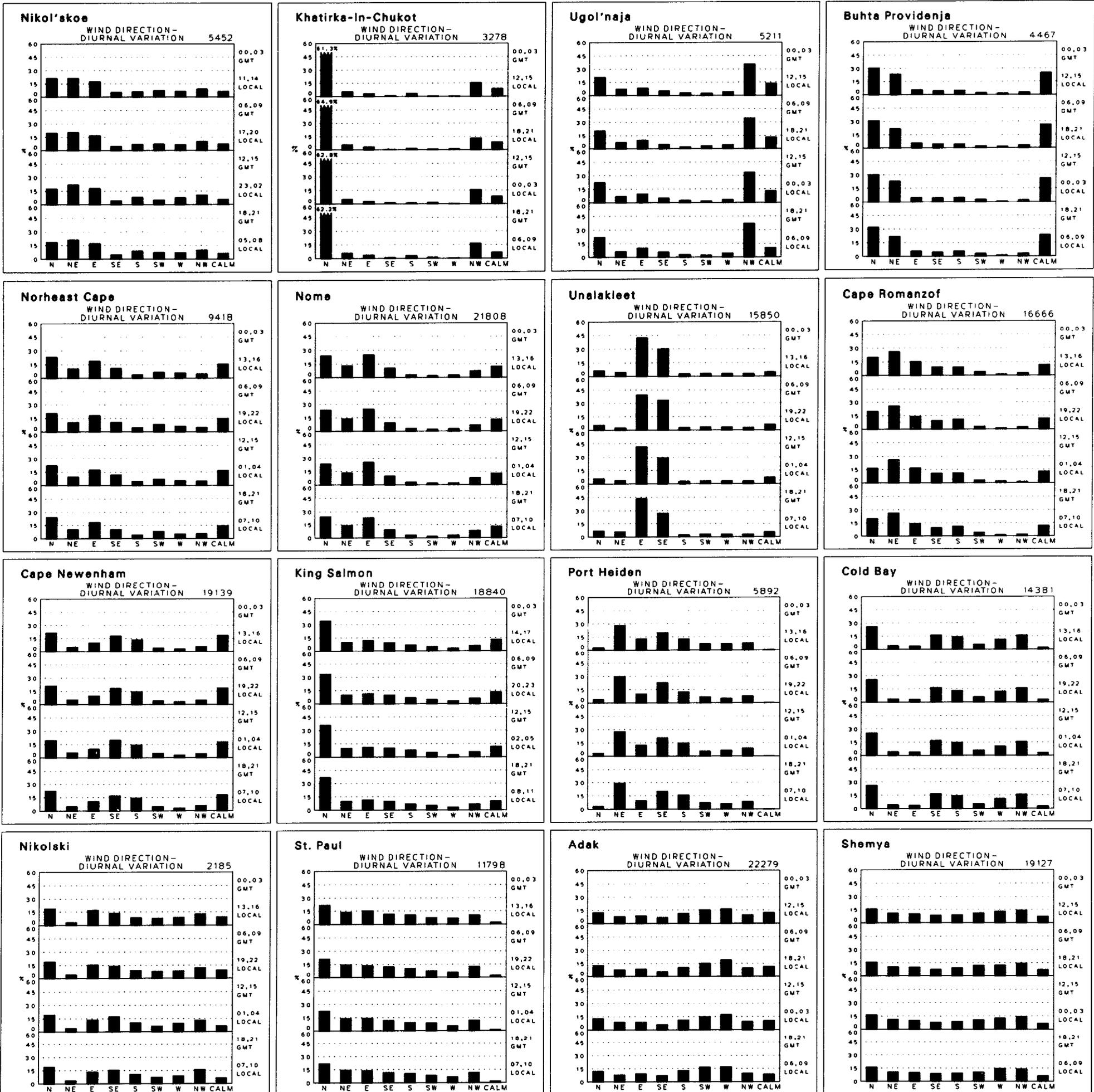
12 Wind Speed 11-21 and 22-33 Knots

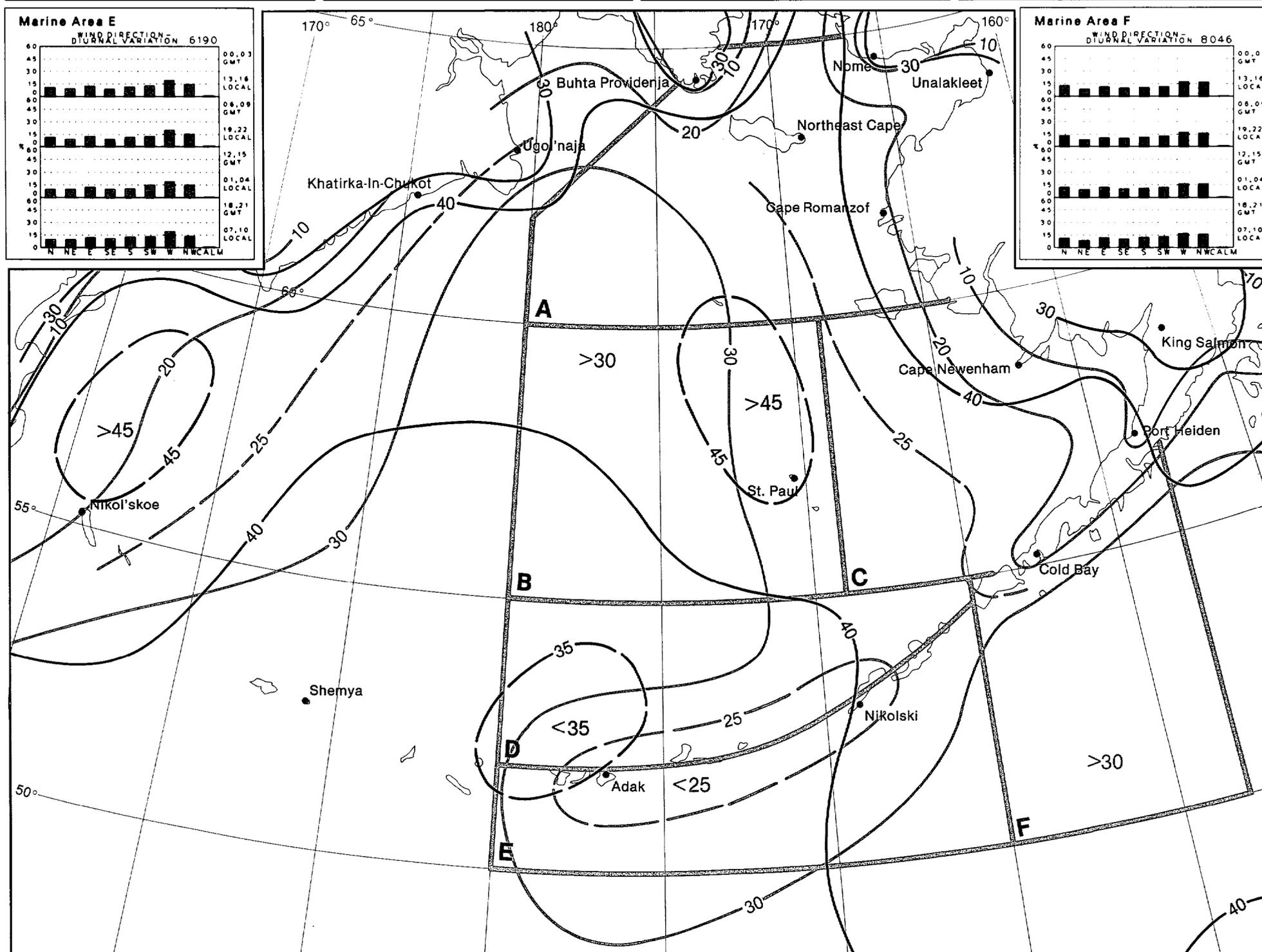
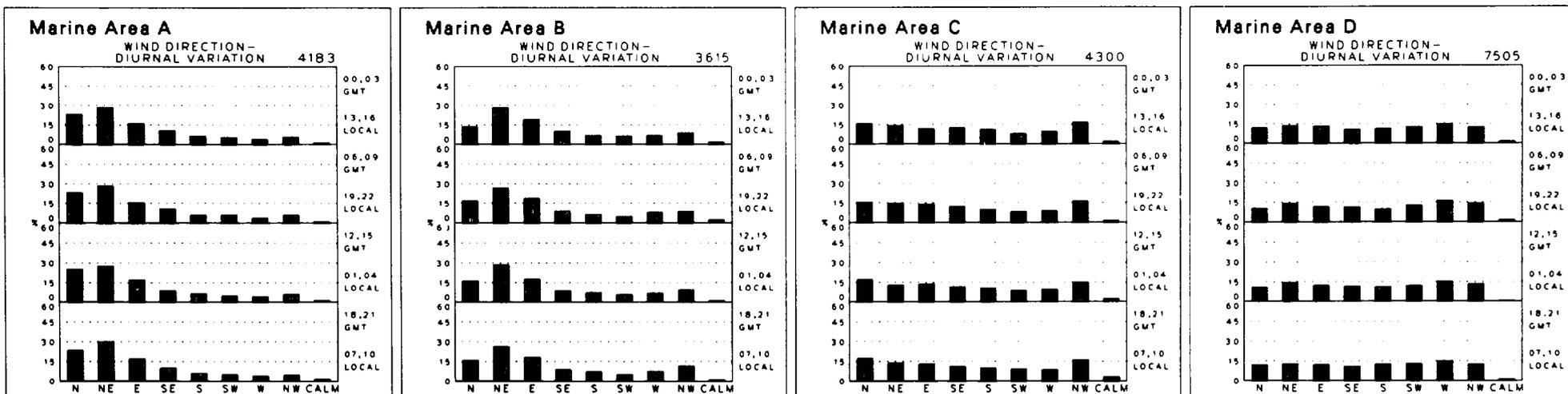




12 Wind Speed 11-21 and 22-33 Knots

November





12 Wind Speed 11-21 and 22-33 Knots

December