

Monthly Star Maps for 45° N · 9 PM Local

All-sky charts for every month of the year — print just the page you need.

How to use these maps

Each map shows the entire sky overhead at 9 PM local time on the 15th of the month, for an observer at 45° N latitude (Toronto, Ottawa, Montreal, southern BC, the Maritimes).

Hold the chart overhead with North pointing toward the actual North horizon. East and West are flipped because you're looking up — like reading a map of the ceiling.

Brighter stars are bigger dots. Constellation lines are drawn in faint blue. Featured Messier objects are marked with gold circles labeled M1, M42, etc. — these are the deep-sky highlights that match the seasonal Messier guide. The faint inner circles mark altitude (60° and 30° above the horizon).

These charts work reasonably for any latitude between 40° and 50° N. Each month is also valid for an hour earlier on the 30th of the same month, or an hour later on the 1st.

January

MID-JAN, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

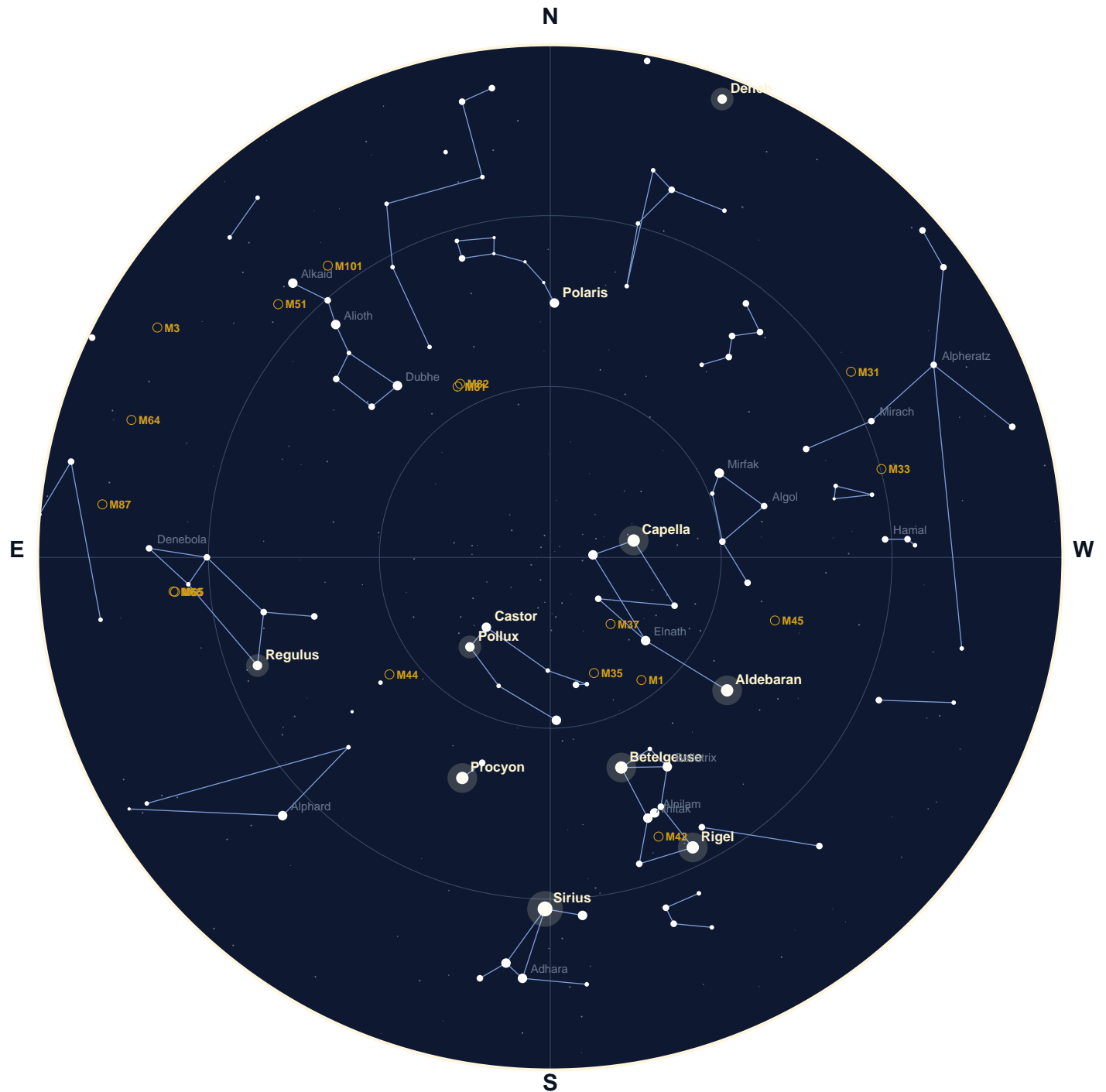


Hold the chart overhead with North pointing toward the actual North horizon.

February

MID-FEB, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

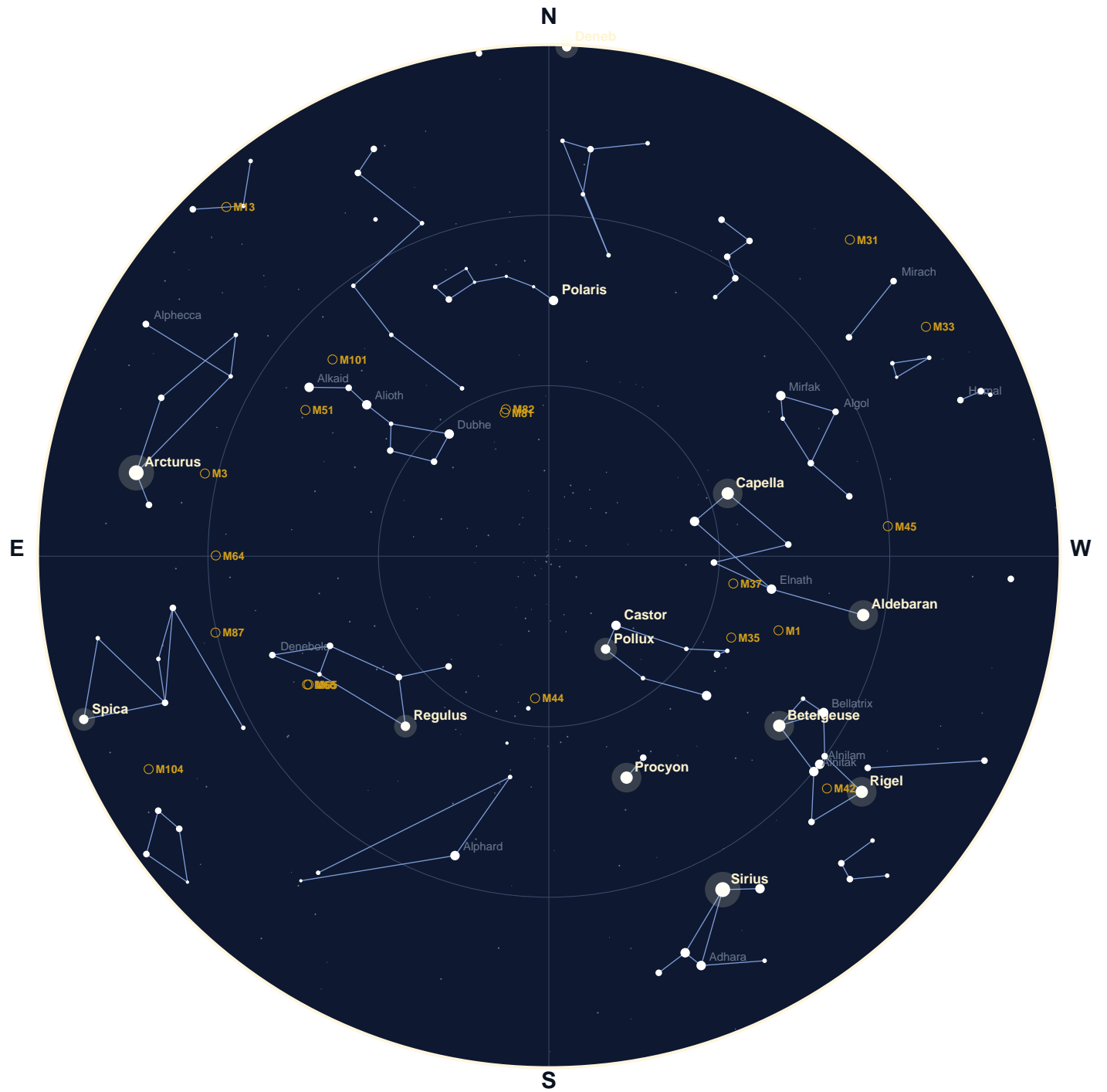


Hold the chart overhead with North pointing toward the actual North horizon.

March

MID-MAR, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

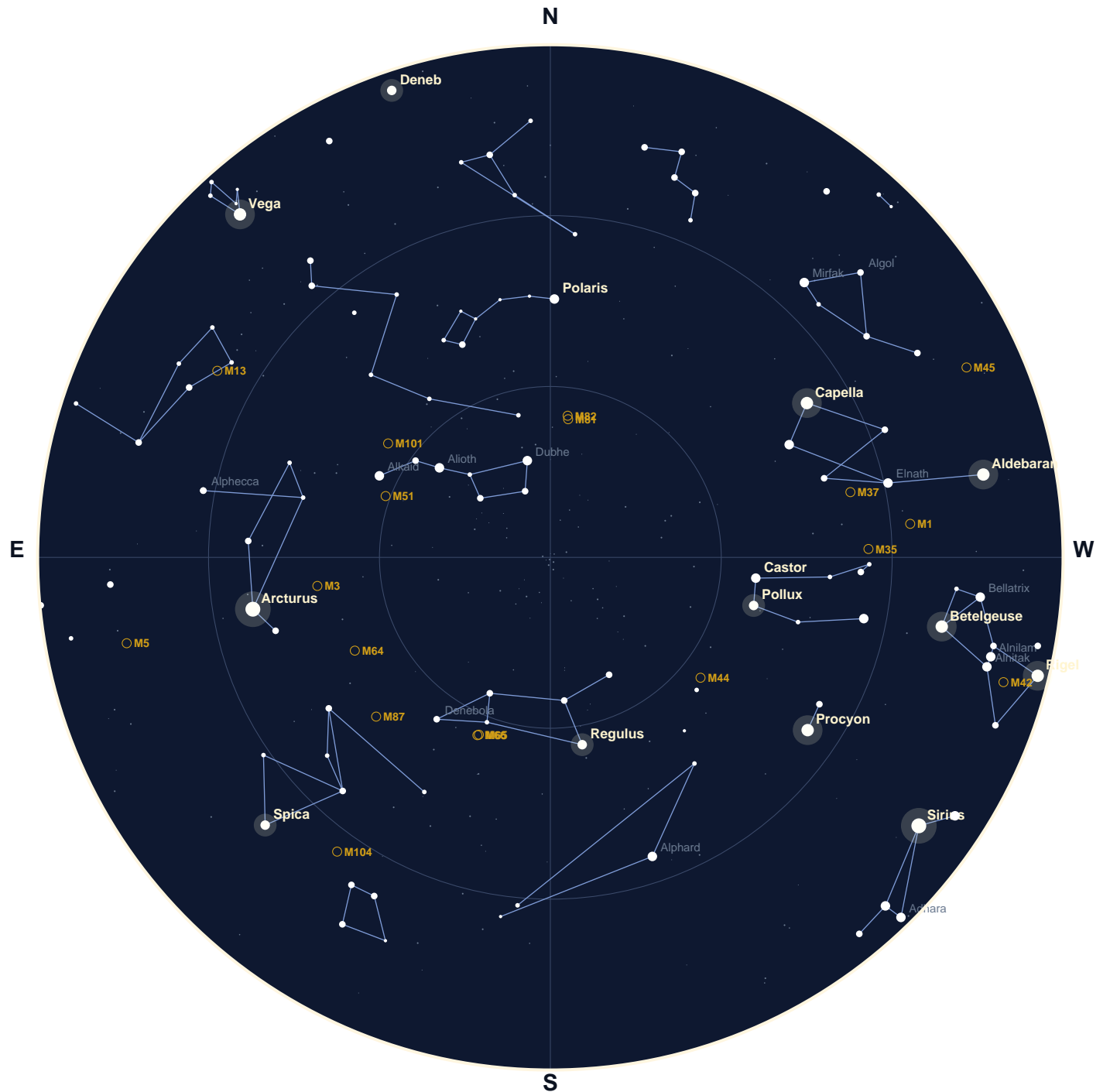


Hold the chart overhead with North pointing toward the actual North horizon.

April

MID-APR, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

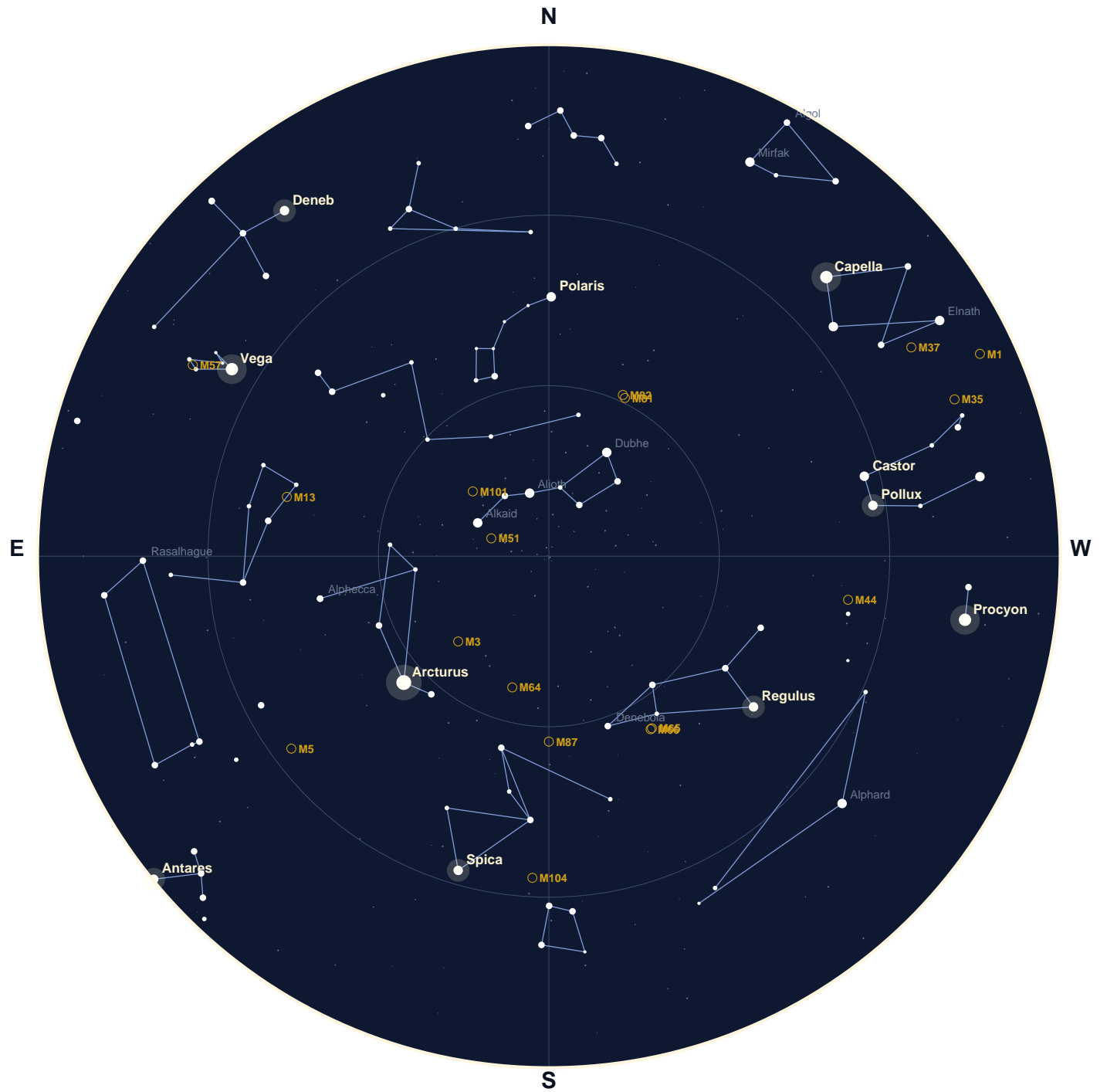


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May

MID-MAY, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

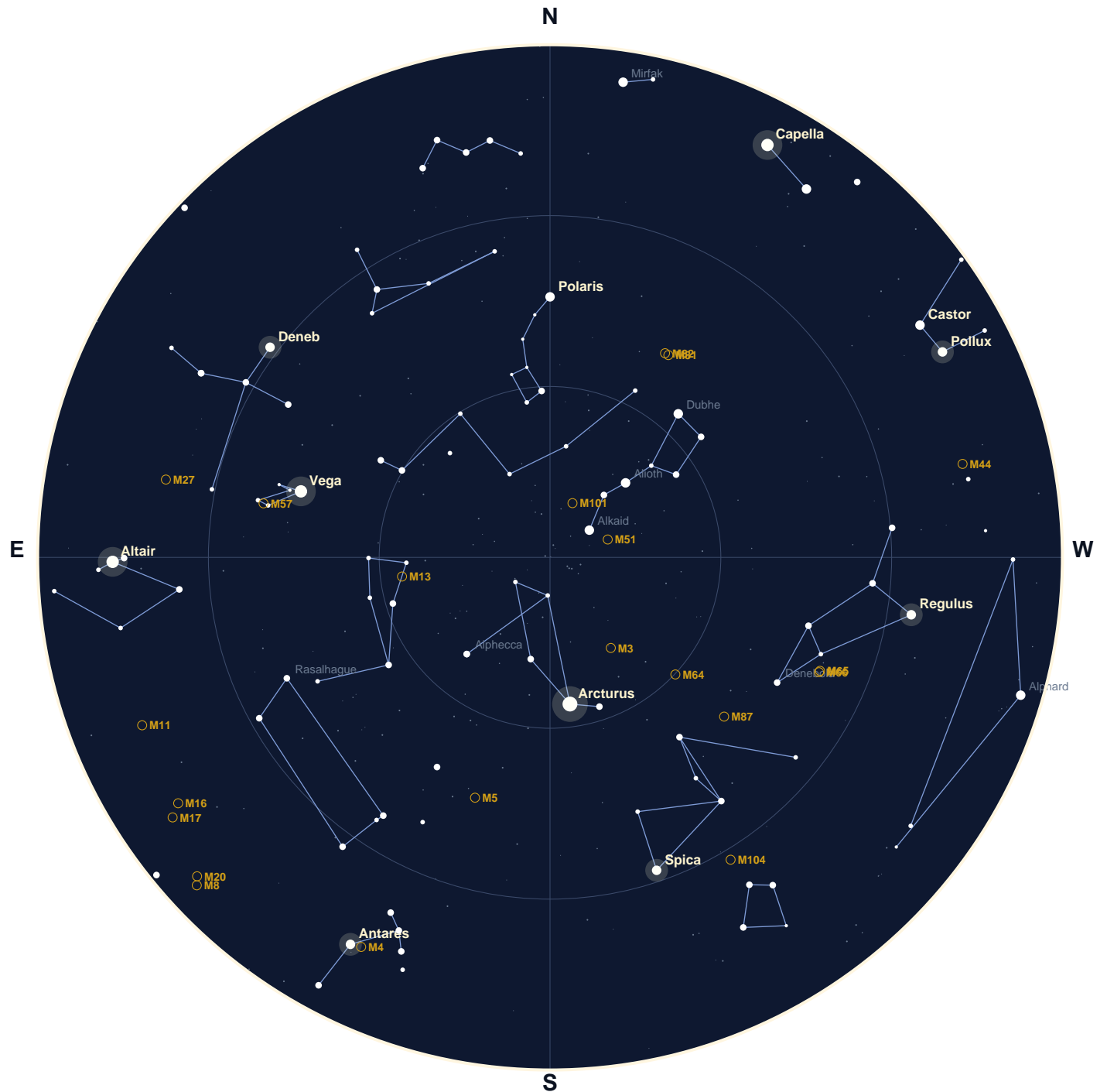


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June

MID-JUN, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

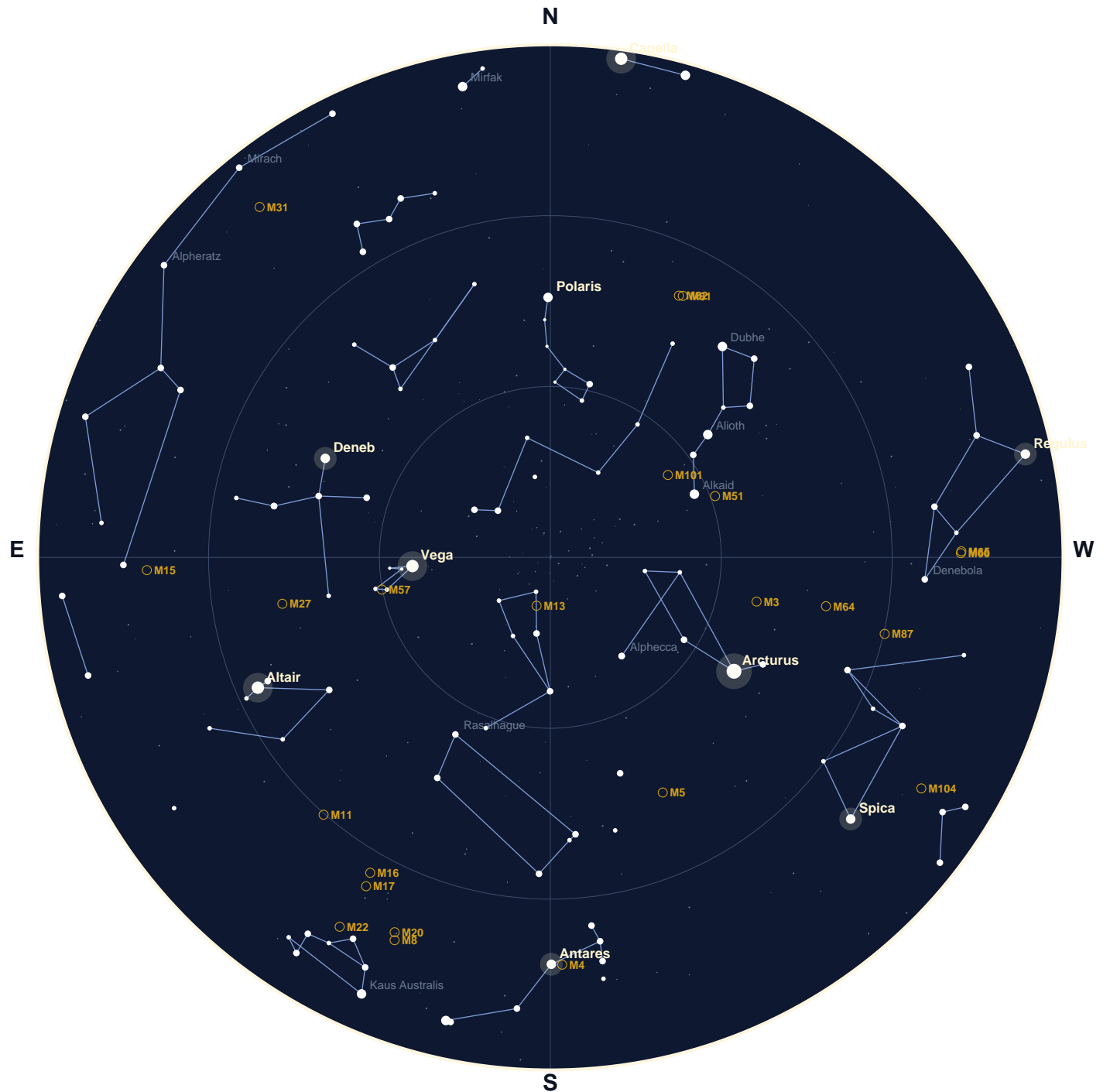


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July

MID-JUL, 9 PM LOCAL

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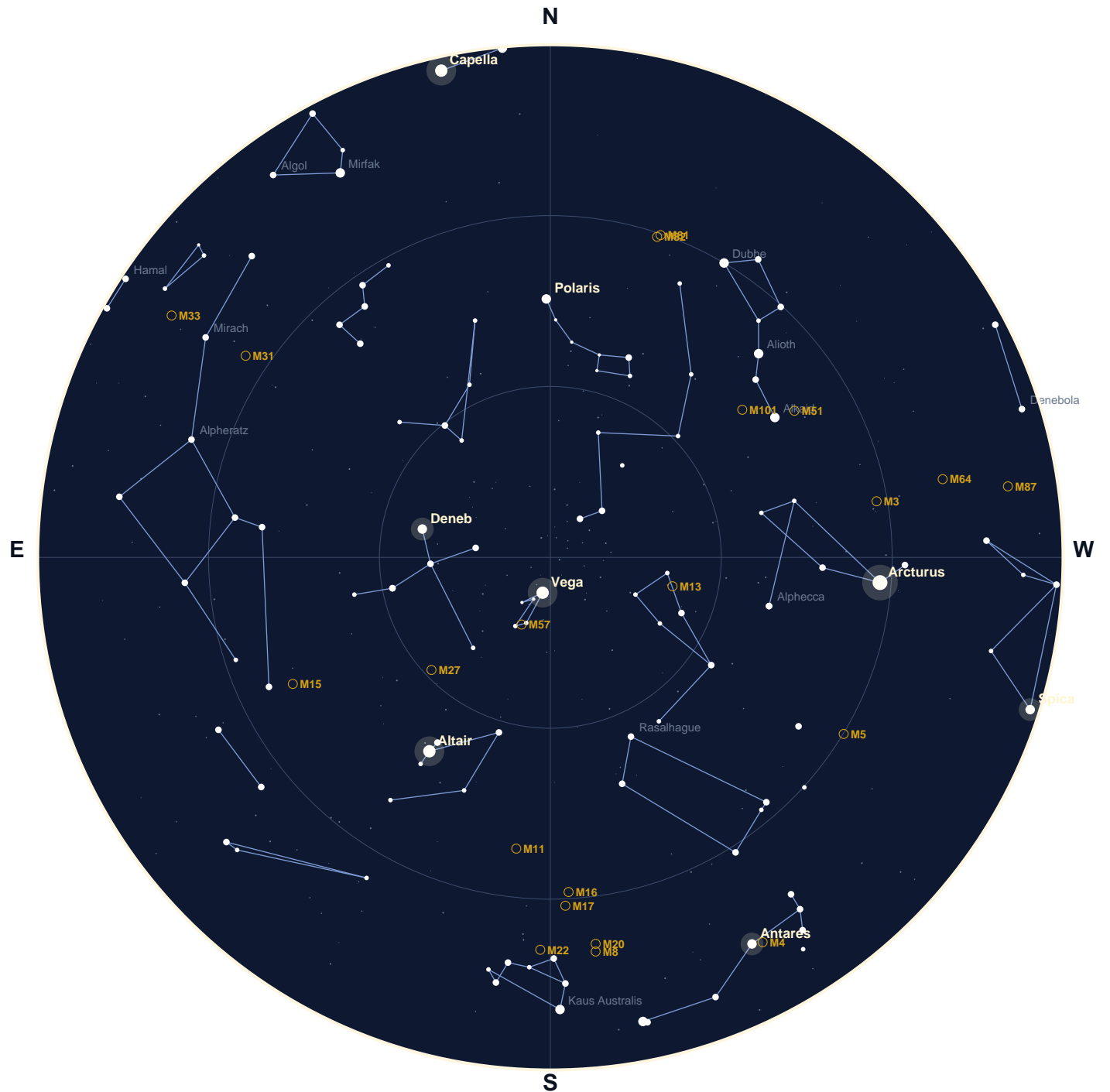


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August

MID-AUG, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights

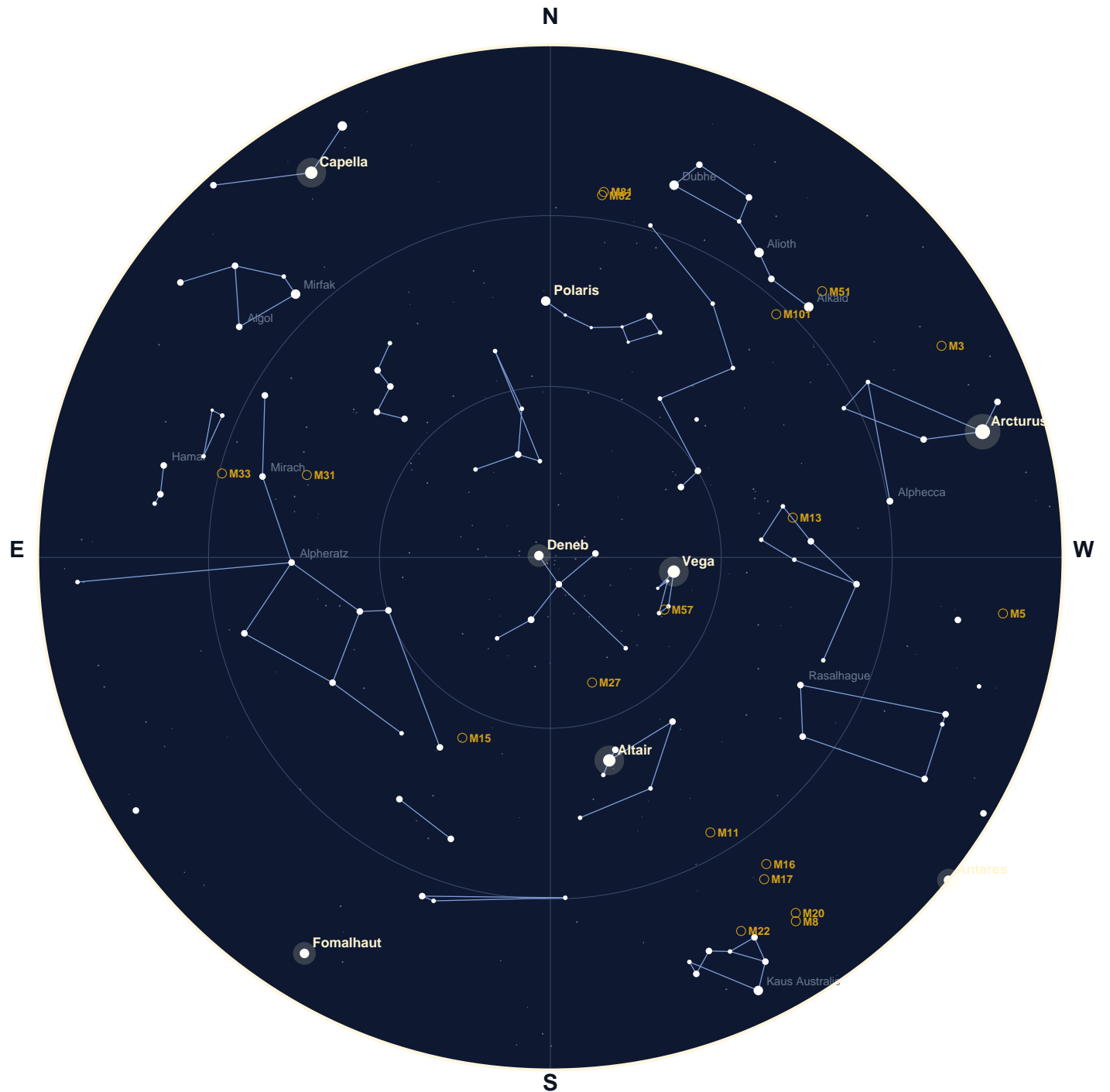


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September

MID-SEP, 9 PM LOCAL

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October

MID-OCT, 9 PM LOCAL

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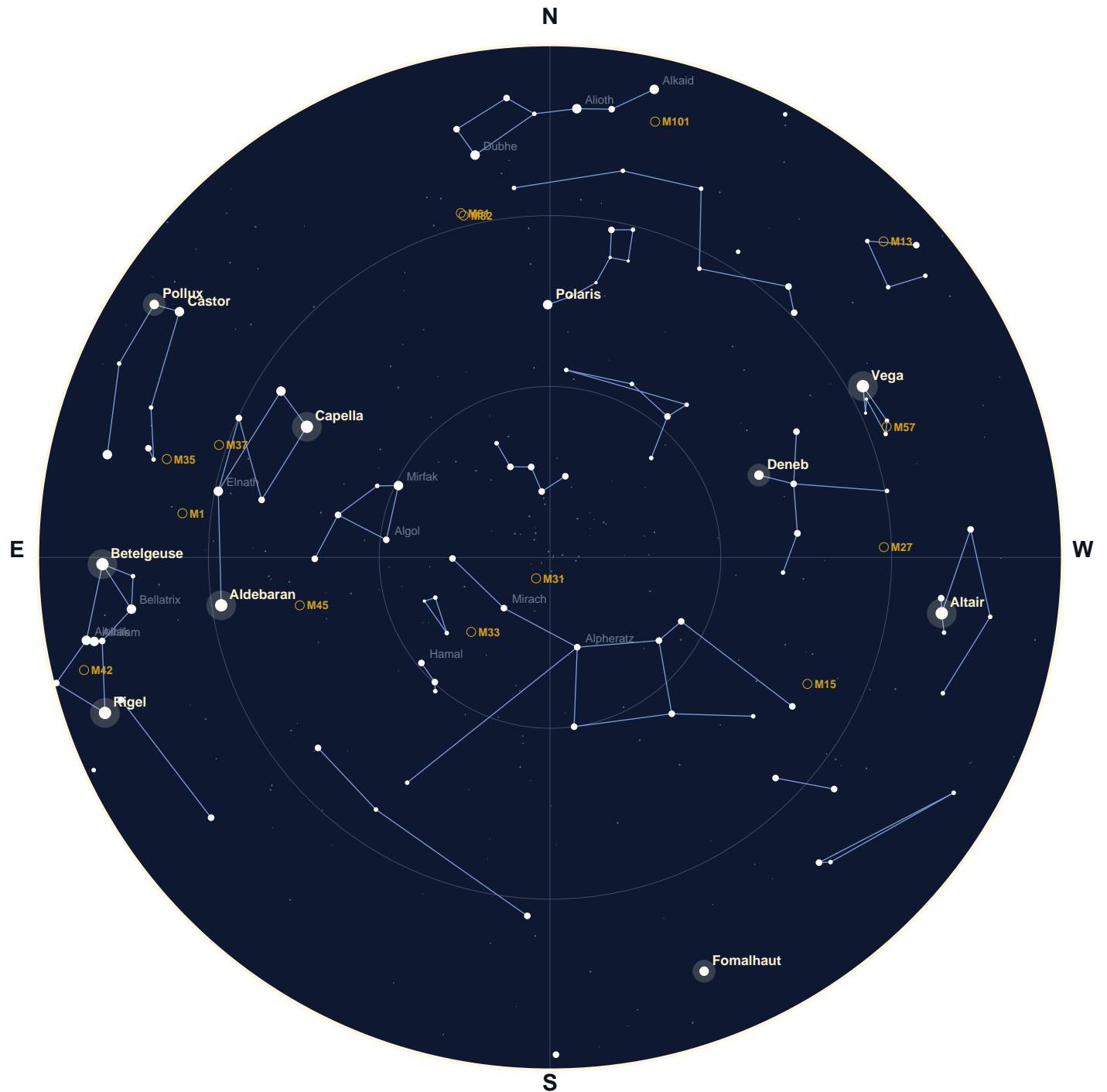


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November

MID-NOV, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights



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December

MID-DEC, 9 PM LOCAL

45° N latitude · brighter stars are larger dots · gold circles = Messier highlights



Hold the chart overhead with North pointing toward the actual North horizon.