

Determining Latitude Lab Star List

Fall Stars

Star	Constellation	Declination	Approximate Meridian Transit Time	When
Vega	Lyra	38 ⁰ 47'	6:00 p.m. - 7:00 p.m.	late September
Deneb	Cygnus	45 ⁰ 17'	8:00 p.m. - 9:00 p.m.	late September
Enif	Pegasus	09 ⁰ 53'	9:00 p.m. - 10:00 p.m.	late September
Alpheratz	Pegasus	29 ⁰ 05'	11:30 p.m. - 12:30 a.m.	late September
Capella	Auriga	46 ⁰ 00'	3:00 a.m. - 4:00 a.m.	late September

Spring Stars

Star	Constellation	Declination	Approximate Meridian Transit Time	When
Capella	Auriga	46 ⁰ 00'	6:30 p.m. - 7:30 p.m.	mid-late February
Betelgeuse	Orion	07 ⁰ 24'	7:00 p.m. - 8:00 p.m.	late February
Pollux	Gemini	28 ⁰ 02'	9:00 p.m. - 10:00 p.m.	late February
Regulus	Leo	11 ⁰ 58'	midnight - 1:00 a.m.	mid-late February
Arcturus	Bootes	19 ⁰ 11'	4:00 a.m. - 5:00 a.m.	mid-late February