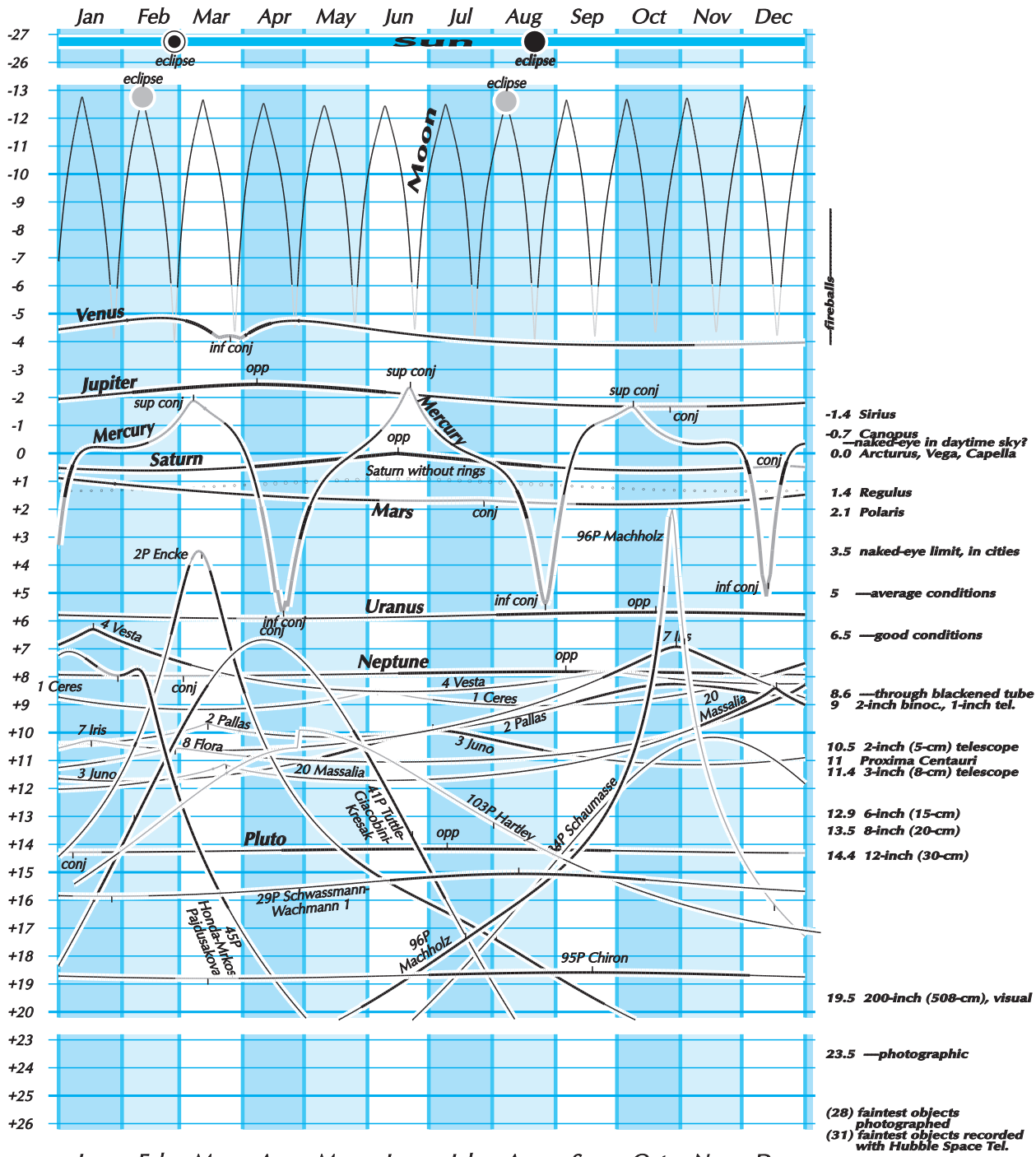


BLOCK CALENDAR

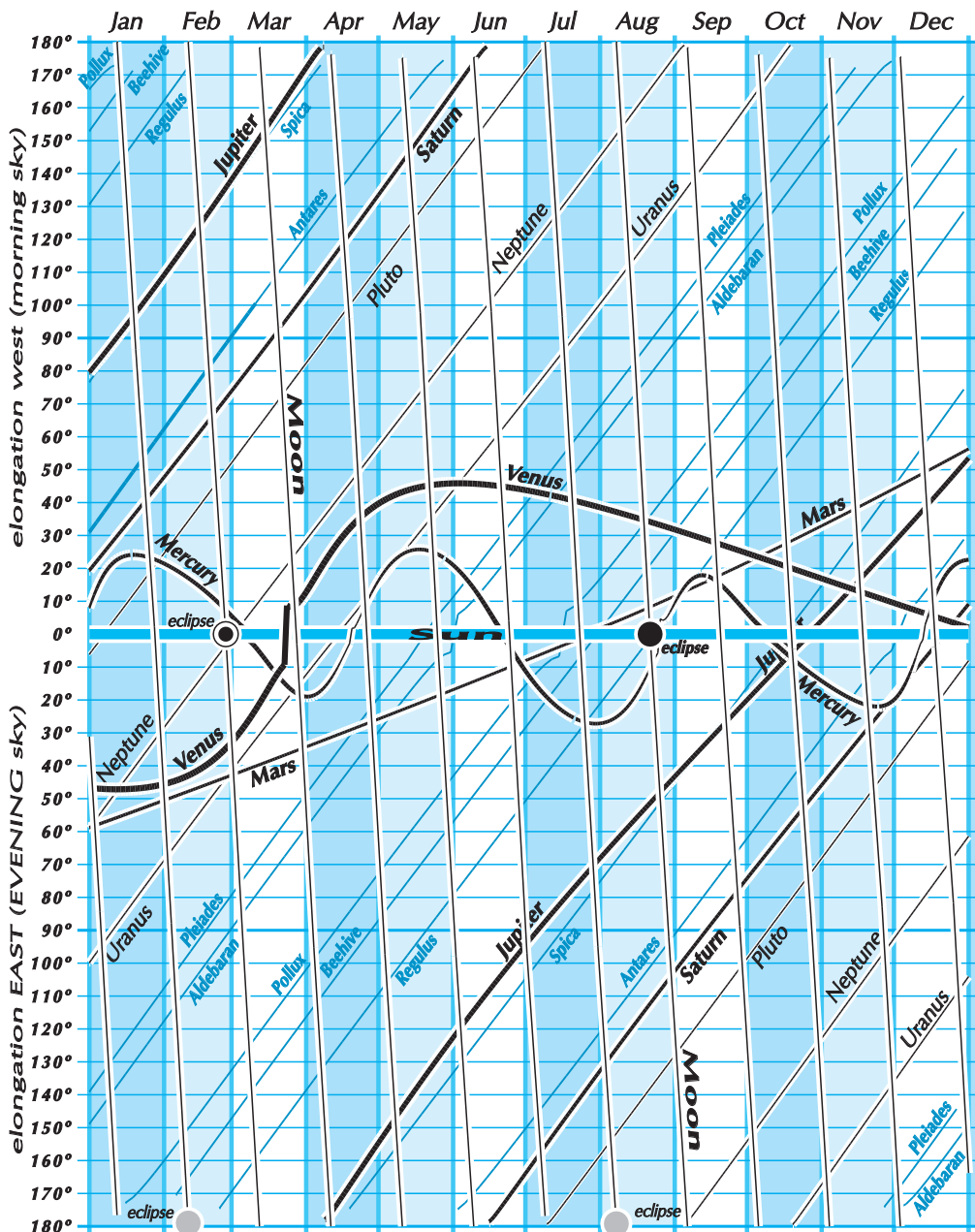
		2017							
Julian Date at 0 UT between months		Sun	Mon	Tue	Wed	Thu	Fri	Sat	
January	2457754.5	1	2	3	4	5	6	7	
		8	9	10	11	12	13	14	
		15	16	17	18	19	20	21	
		22	23	24	25	26	27	28	
	2457785.5	29	30	31	1	2	3	4	
February		5	6	7	8	9	10	11	
		12	13	14	15	16	17	18	
		19	20	21	22	23	24	25	
	2457813.5	26	27	28	1	2	3	4	
		5	6	7	8	9	10	11	
March		12	13	14	15	16	17	18	
		19	20	21	22	23	24	25	
	2457844.5	26	27	28	29	30	31	1	
	April		2	3	4	5	6	7	8
			9	10	11	12	13	14	15
		16	17	18	19	20	21	22	
		23	24	25	26	27	28	29	
2457874.5		30	1	2	3	4	5	6	
May		7	8	9	10	11	12	13	
		14	15	16	17	18	19	20	
		21	22	23	24	25	26	27	
	2457905.5	28	29	30	31	1	2	3	
	June		4	5	6	7	8	9	10
		11	12	13	14	15	16	17	
		18	19	20	21	22	23	24	
2457935.5		25	26	27	28	29	30	1	
July			2	3	4	5	6	7	8
		9	10	11	12	13	14	15	
		16	17	18	19	20	21	22	
		23	24	25	26	27	28	29	
	2457966.5	30	31	1	2	3	4	5	
August		6	7	8	9	10	11	12	
		13	14	15	16	17	18	19	
		20	21	22	23	24	25	26	
	2457997.5	27	28	29	30	31	1	2	
	September		3	4	5	6	7	8	9
		10	11	12	13	14	15	16	
		17	18	19	20	21	22	23	
		24	25	26	27	28	29	30	
2458027.5		1	2	3	4	5	6	7	
October		8	9	10	11	12	13	14	
		15	16	17	18	19	20	21	
		22	23	24	25	26	27	28	
	2458058.5	29	30	31	1	2	3	4	
	November		5	6	7	8	9	10	11
		12	13	14	15	16	17	18	
		19	20	21	22	23	24	25	
2458088.5		26	27	28	29	30	1	2	
December			3	4	5	6	7	8	9
		10	11	12	13	14	15	16	
		17	18	19	20	21	22	23	
		24	25	26	27	28	29	30	
	2458119.5	31	1						

Darker blue means less moonlight in the following night.

MAGNITUDE



ELONGATION



FAVORABLE TIMES

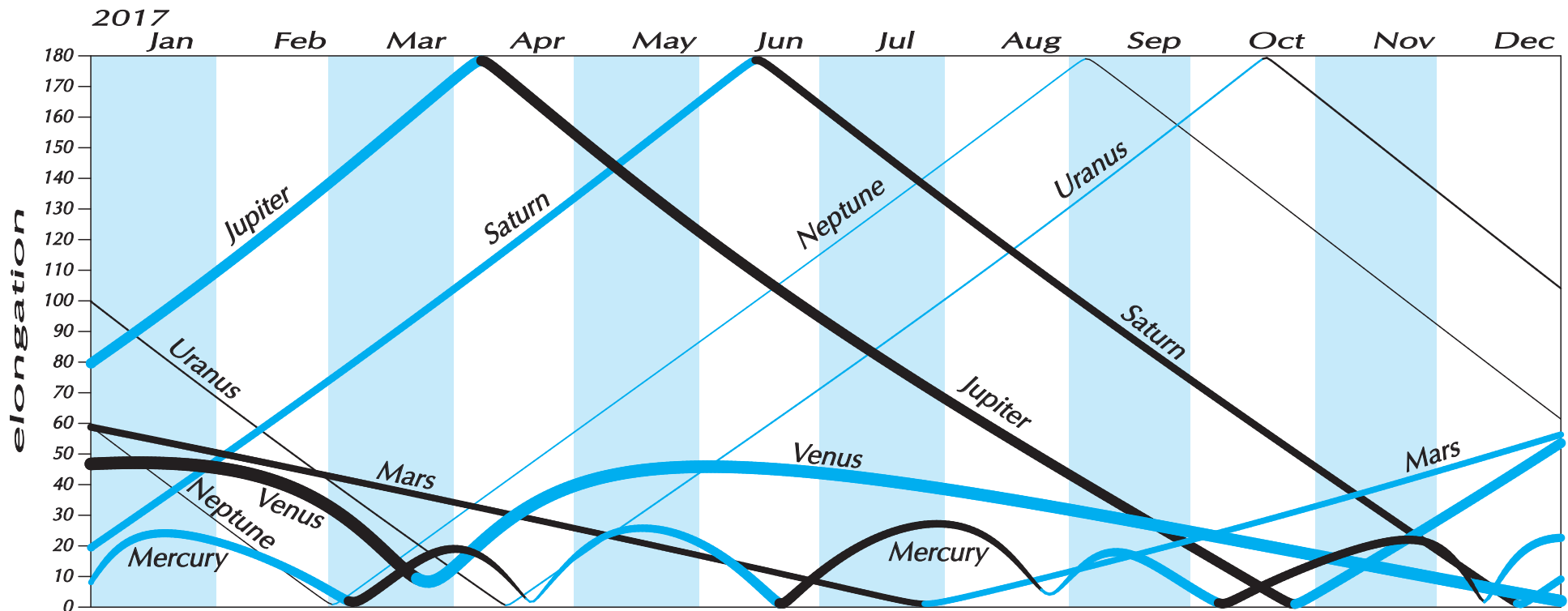
These graphs show times of the year when moving bodies of the solar system are better observable.

For each planet, or relatively bright asteroid or comet, the curve's height represents elongation (angular distance from the Sun). So the top of the curve is at the time of the body's

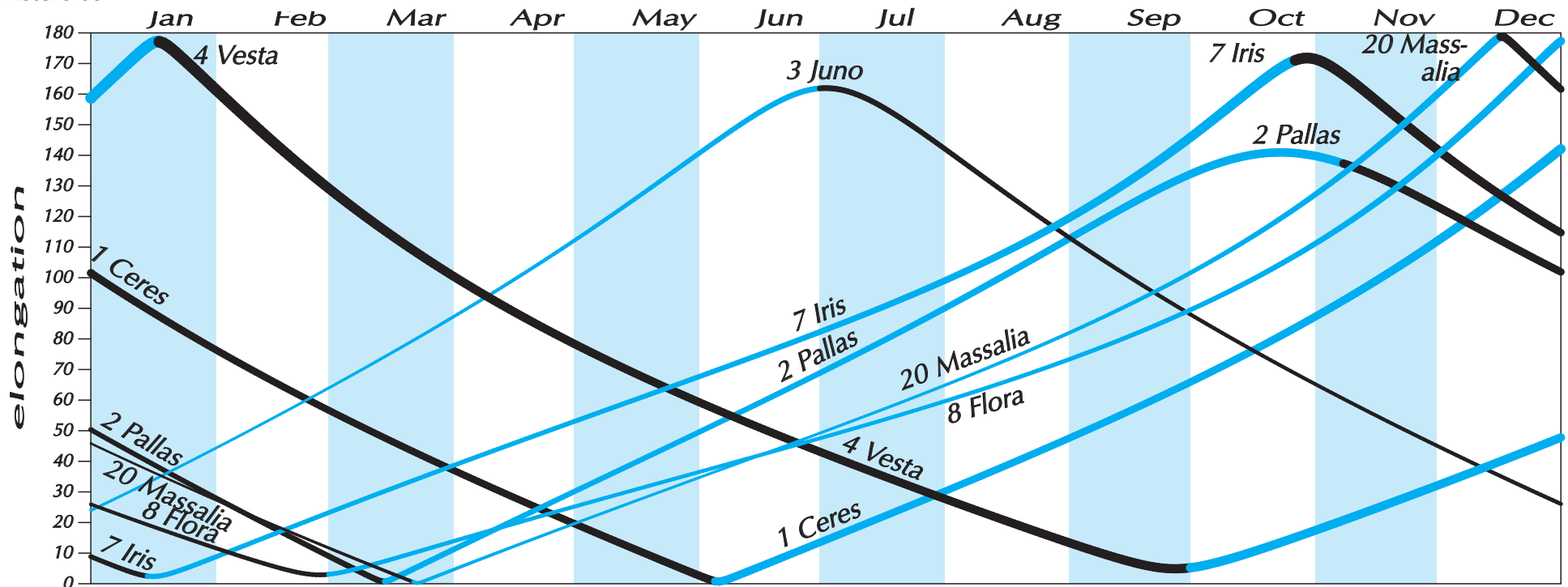
opposition (if it has one, the bottom is at the time of conjunction with the Sun. (Elongation may not quite reach 180° or 0°, because the planet may be north or south of the ecliptic.)

The curve is blue when the elongation is westward—that is, in the morning sky. And the curve's thickness is proportional to the planet's magnitude: thicker is brighter.

Planets



Asteroids



Comets

