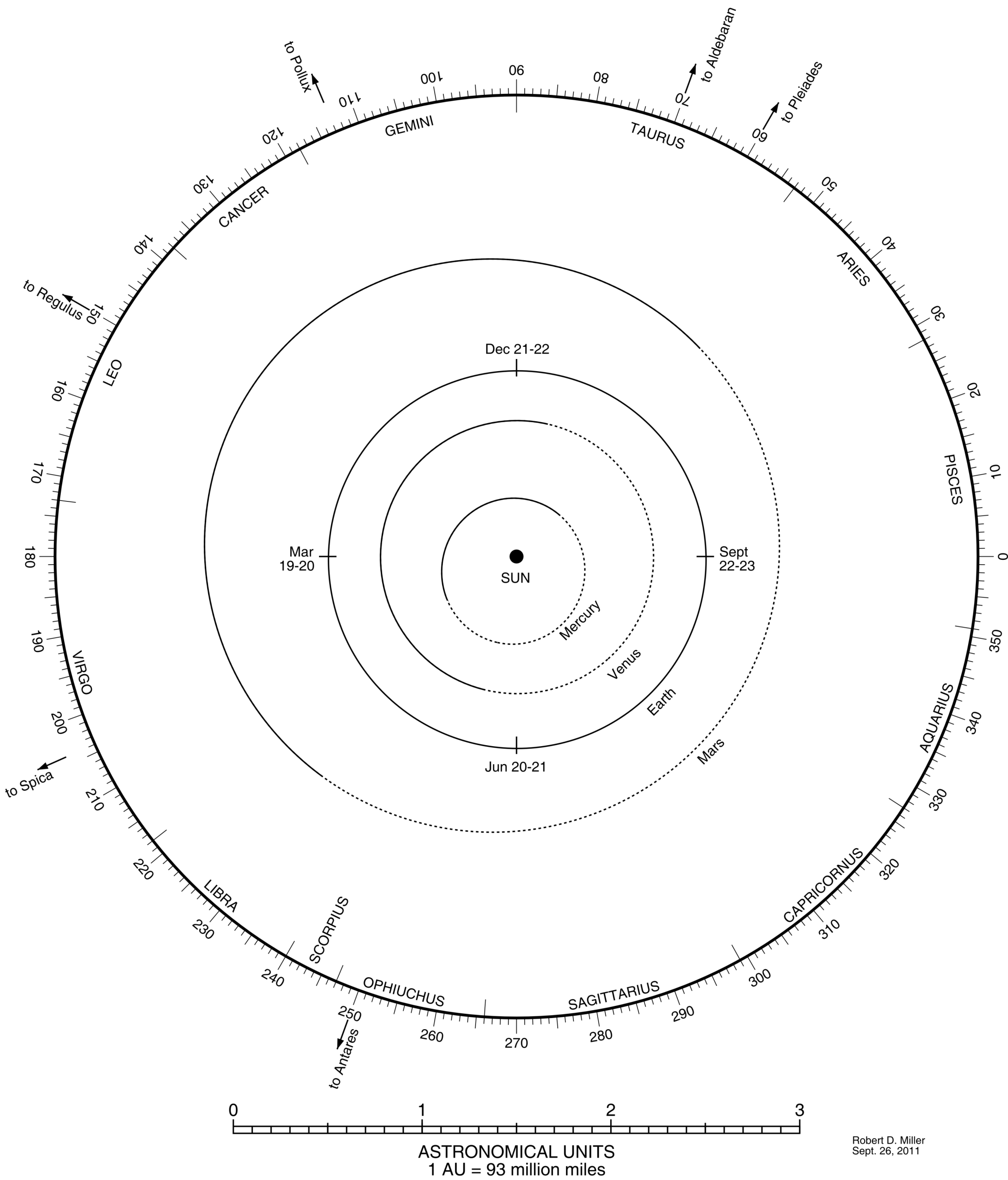
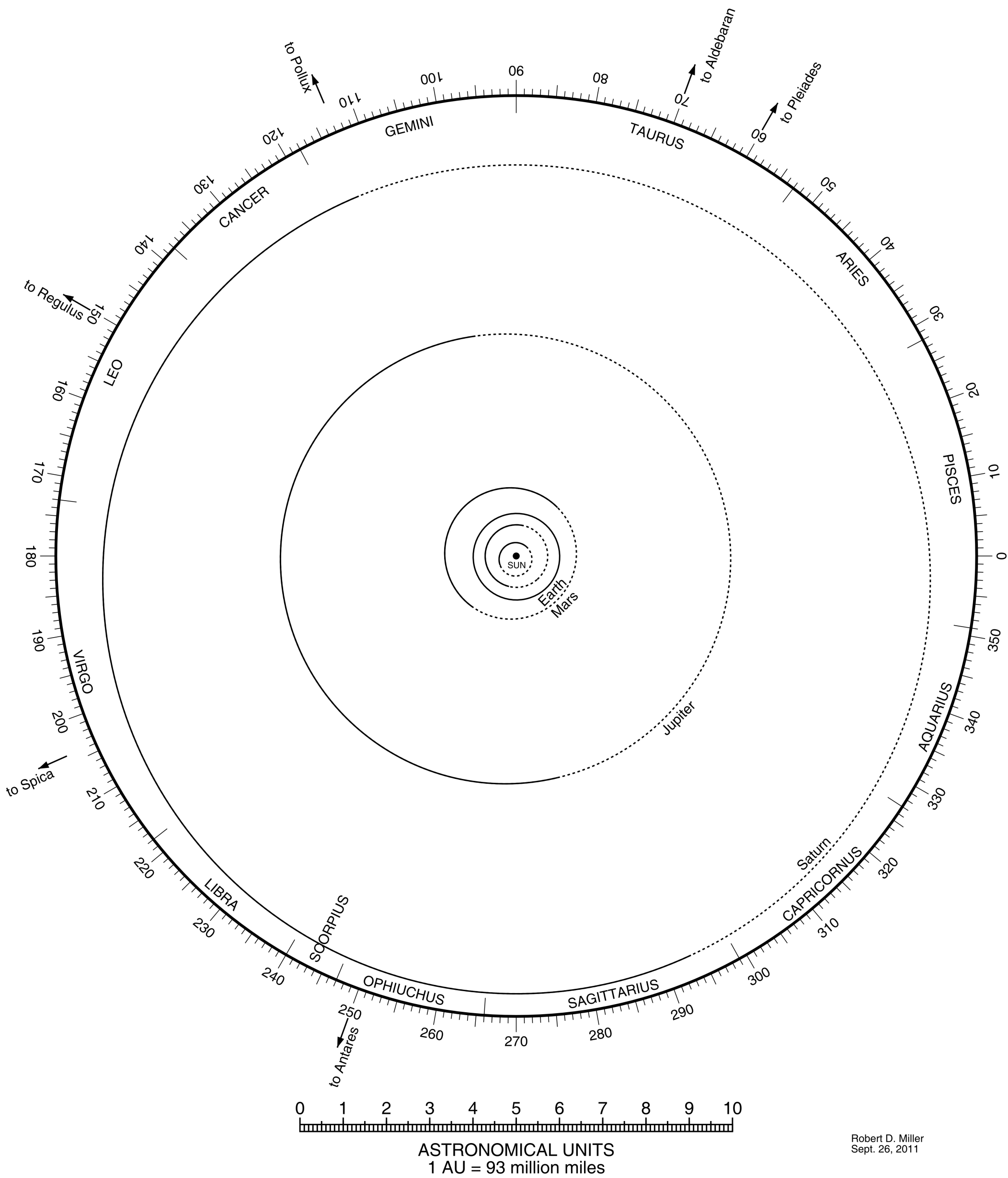


Chart of Planetary Orbits
Mercury through Mars



Robert D. Miller
Sept. 26, 2011

Chart of Planetary Orbits
Mercury through Saturn



Robert D. Miller
Sept. 26, 2011

HELIOCENTRIC LONGITUDES OF THE PLANETS 2012—2013

		MERCURY	VENUS	EARTH	MARS	JUPITER	SATURN
2012	Jan 1	207	3	100	136	41	203
	Feb 1	297	52	132	150	44	204
	Mar 1	70	99	161	162	47	205
	Apr 1	217	149	192	176	49	206
	May 1	303	198	221	189	52	207
	Jun 1	95	248	251	204	55	208
	Jul 1	226	295	280	218	58	209
	Aug 1	317	344	309	233	60	210
	Sep 1	120	34	339	249	63	211
	Oct 1	238	82	8	266	66	212
	Nov 1	332	132	39	284	68	213
	Dec 1	137	181	69	302	71	214
2013	Jan 1	249	232	101	322	74	214
	Feb 1	352	281	133	341	76	215
	Mar 1	151	325	161	359	79	216
	Apr 1	257	15	192	18	82	217
	May 1	357	63	221	36	84	218
	Jun 1	170	113	251	53	87	219
	Jul 1	265	161	280	70	89	220
	Aug 1	17	212	310	86	92	221
	Sep 1	186	260	339	101	95	222
	Oct 1	276	308	9	115	97	223
	Nov 1	39	358	39	129	100	224
	Dec 1	197	45	70	142	102	225
2014	Jan 1	288	95	101	156	105	226