



XEphem Jupiter View at 3:47:27 9/14/2012 EDT, JD 2456184.82462
 GRS in Sys II = 119.000; CML in Sys I = 47.321, in Sys II = 261.922
 From Moore Observatory at Latitude 38:20:40 N Longitude 85:31:44 W
 Topocentric Astrometric 2000.00 Moon Positions, XYZ in Jupiter radii

Tag	Name	E	S	P	T	X +E	Y +S	Z +front	RA	Dec	Mag
	Jupiter								4:57:32.34	21:50:59.3	-2.3
I	Io	1	1	1	0	1.028	0.205	5.797	4:57:33.74	21:50:55.2	5.7
II	Europa	1	1	0	0	-3.872	-0.075	-8.473	4:57:27.08	21:51:00.9	5.8
III	Ganymede	1	1	0	0	-7.952	0.145	-12.734	4:57:21.53	21:50:56.4	5.3
IV	Callisto	1	1	0	0	4.357	-1.709	-25.946	4:57:38.27	21:51:34.2	6.7