

noon-Jupiter at 1d31.3'S, 0d0.0'W on 1/14/04

time assumed to calculate HPM, SD, etc	observed reading	sextant	time by lunar	Hc Moon decimal degrees	Refraction Moon min	Parallax Moon min	SemiDiameter Moon min	Hc Jupiter decimal degrees	Refraction Jupiter min
	degree	min sec							
5:00:01	22	28 12	5:00:01	86.85463	0.1	3.2	16.1	70.77158	0.3
5:00:01	23	2 19	5:59:58	86.85463	0.1	3.2	16.1	70.77158	0.3
5:59:59	22	13 19	5:00:01	78.61850	0.2	11.6	16.1	56.36603	0.7
5:59:59	22	47 46	5:59:58	78.61850	0.2	11.6	16.1	56.36603	0.7
0:00:01	20	28 53	0:00:01	14.15560	4.1	56.3	15.8	32.29832	1.6
0:00:01	20	58 45	0:55:53	14.15560	4.1	56.3	15.8	32.29832	1.6
0:59:59	20	28 53	0:04:27	28.69067	1.9	51.2	15.8	47.15395	0.9
0:59:59	20	58 45	0:59:59	28.69067	1.9	51.2	15.8	47.15395	0.9