

**Radii and Distances of the Centres for the Almucantars for
Latitude $32^{\circ} 0'$, Northern Projection, Radius of the Equator 60;0.**

a	r	d		a	r	d		a	r	d
	<i>o</i>	<i>l</i>			<i>o</i>	<i>l</i>			<i>o</i>	<i>l</i>
1	109	36		31	49	13		61	20	43
2	106	10		32	48	1		62	19	56
3	102	55		33	46	50		63	19	11
4	99	49		34	45	41		64	18	25
5	96	52		35	44	33		65	17	40
6	94	3		36	43	26		66	16	54
7	91	22		37	42	21		67	16	10
8	88	48		38	41	16		68	15	26
9	86	21		39	40	14		69	14	42
10	83	59		40	39	12		70	13	58
11	81	43		41	38	11		71	13	15
12	79	33		42	37	11		72	12	32
13	77	27		43	36	13		73	11	48
14	75	26		44	35	15		74	11	6
15	73	29		45	34	18		75	10	23
16	71	36		46	33	22		76	9	41
17	69	47		47	32	29		77	8	59
18	68	1		48	31	32		78	8	17
19	66	19		49	30	39		79	7	35
20	64	40		50	29	46		80	6	53
21	63	4		51	28	54		81	6	11
22	61	30		52	28	2		82	5	30
23	60	0		53	27	11		83	4	48
24	58	32		54	26	21		84	4	7
25	57	5		55	25	31		85	3	26
26	55	42		56	24	42		86	2	44
27	54	20		57	23	53		87	2	3
28	53	1		58	23	5		88	1	22
29	51	43		59	22	17		89	0	41
30	50	24		60	21	29		90	0	0

Horizon: northern position 17 12, southern position 209 15, radius 113 14, distance of its centre 96 2. Prime vertical: southern position 108 15, radius 70 46, distance of its centre 37 30.

Abbreviations used in the transcription: a number, r radius, d distance to centre astrolabe