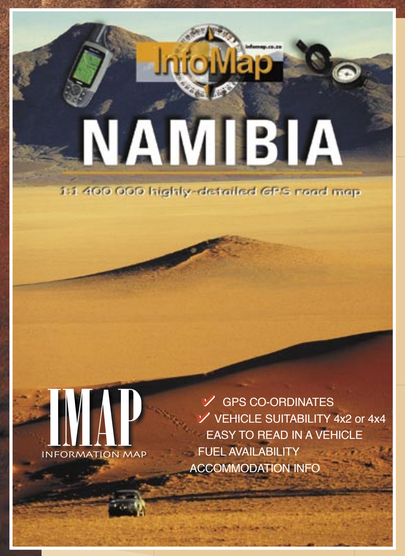
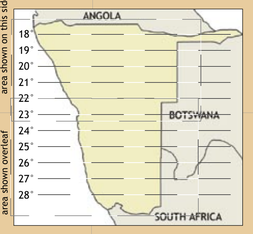


ROAD DISTANCES BETWEEN CENTRES

Aranos																								
674	Arlamoivlei																							
569	454	Aus																						
493	378	134	Bethanien																					
464	422	105	29	Coegeb																				
218	1003	898	822	793	Gobabis																			
850	1250	1145	1069	1040	657	Grootfontein																		
566	159	295	219	248	844	1091	Grunau																	
823	1223	798	923	903	630	645	1064	Henties Bay																
709	1109	1004	928	899	516	275	950	321	Kalkfeld															
212	612	507	431	402	391	657	504	611	497	Kalkrand														
861	1261	1156	1080	1051	688	420	1102	345	286	578	Kamanjab													
566	108	346	343	314	895	1142	51	1115	1001	504	1153	Karasburg												
581	981	876	800	771	388	403	822	242	128	369	414	873	Karibib											
358	333	211	157	106	687	934	157	907	749	296	945	208	665	Keetmansoop										
692	579	125	259	230	1021	1268	491	923	1015	630	1279	471	999	334	Lüderitz									
248	648	543	257	286	498	824	489	549	693	119	835	540	555	332	374	Maltahöhe								
137	537	432	356	327	466	713	378	686	572	75	724	429	444	221	555	111	Mariental							
692	17	472	395	366	1020	1267	176	1240	1126	629	1278	125	998	333	596	665	554	Nakop						
765	1331	1226	1150	1121	738	167	1172	877	336	719	506	1223	484	1015	1349	905	794	1348	Namutoni					
662	306	442	366	395	991	1238	147	1211	1087	600	1249	147	969	304	609	636	525	272	1319	Noordoewer				
469	869	764	688	659	276	381	710	395	240	257	392	761	112	553	889	443	332	886	487	857	Okahandja			
833	1233	1128	1052	1023	640	397	1074	579	258	621	262	1125	386	917	1253	807	696	1250	123	1221	364	Okaukuejo		
642	1042	937	861	832	339	342	833	254	67	430	353	934	61	726	1060	616	505	1059	448	1030	173	325	Omaruru	
1071	1161	1360	1290	1261	878	307	1312	817	496	859	646	1363	624	1155	1489	1045	934	1488	210	1459	602	333	563	Ondangwa
781	1161	1174	980	951	568	87	1002	527	186	549	336	1053	404	845	1179	735	624	1178	170	1149	292	308	253	310 Otavi
643	1043	938	862	833	492	207	894	389	68	431	218	935	197	727	1061	617	506	1060	288	1031	174	190	135	428 118 Otjiwarongo
1131	1531	1426	1350	1321	938	367	1372	926	556	919	680	1423	616	1215	1549	1105	994	1548	236	1519	662	652	623	60 370 488 Oshikango
716	1116	1011	935	906	523	280	960	462	141	504	145	1008	269	800	1134	690	579	1133	361	1104	247	117	208	501 191 73 561 Outjo
311	711	606	530	501	292	539	552	512	398	99	550	603	270	395	729	285	174	728	620	699	158	522	331	760 450 332 820 405 Rehoboth
1133	1658	1553	1477	1448	1065	494	1499	1143	683	959	272	1550	686	1342	1676	1232	1121	1675	469	1646	789	534	750	187 497 615 247 688 876 Ruacana
1098	1498	1393	1317	1288	905	248	1390	893	523	799	645	1390	741	1182	1516	1072	961	1515	415	1486	629	617	590	555 335 455 615 500 787 742 Rundu
80	594	489	413	384	296	770	435	743	629	132	781	486	501	278	612	168	57	611	851	582	389	753	562	991 681 563 1051 636 231 1178 1018 Stampriet
756	1156	1051	975	946	563	578	997	67	323	544	412	1048	175	840	731	482	619	1173	659	1144	287	561	236	799 489 371 859 444 445 684 826 676 Swakopmund
824	1224	119	1043	1014	631	60	1065	570	249	525	399	1116	377	907	1242	798	687	1241	107	1241	355	345	316	247 63 181 307 228 513 434 308 657 552 Tsumeb
773	1173	1068	992	963	580	473	1014	122	198	561	222	1066	192	887	1191	747	636	1190	554	1161	304	456	131	694 384 266 754 339 462 494 721 693 190 447 Uis
611	1011	906	830	801	418	523	852	242	158	328	444	903	30	695	1029	585	474	1028	595	999	142	506	91	654 344 226 714 299 300 716 681 531 175 407 222 Usakos
670	212	523	447	418	99	1244	155	1219	1105	608	1257	104	977	312	617	644	533	229	1327	251	865	1229	1038	1467	1157	1039	1527	1112	707	1654	1494	590	1152	1220	1169	1007	Velloorsdrift
784	1187	700	708	737	594	690	1028	98	334	575	443	1079	206	814	508	451	650	1204	691	1170	318	593	267	831	521	403	980	476	476	715	947	707	31	673	221	206	1153	Walvis Bay
609	151	389	386	357	938	1185	94	1156	1042	547	1196	43	914	251	585	590	495	168	1266	190	804	1168	975	1406	1096	978	1466	1061	646	1593	1433	529	1061	1159	1108	946	206	1092	Warmbad
529	932	827	751	722	339	444	773	289	175	412	455	824	49	616	950	506	395	949	525	920	63	427	108	665	355	237	725	310	221	852	692	452	224	418	239	79	928	285	867	Wilhelmstal
395	798	693	618	588	295	452	639	496	311	191	463	690	181	482	816	372	261	815	533	786	71	435	242	673	363	245	733	318	82	860	700	319	356	426	373	211	794	389	717	134	Windhoek

area shown on this side

area shown overleaf



Mean magnetic declination:
18,8° W (November 1999)
Mean annual change: 3' eastwards

Co-ordinates:
Hartebeesthoek94 Datum WGS84
Displayed in deg/min/decimals (100) of a minute (hddd°mm.mmm')
(The last digit has been omitted as being unecessary for this road map)

TRUE

IMPORTANT NOTE TO GPS USERS

Set up your GPS carefully and correctly before using the co-ordinates on this map. Set it on the WGS84 datum and the measurements to display deg/min/decimals (100) of a minute (hddd°mm.mmm') The last digit has been omitted as considered unnecessary for a road map. Knowledge of traditional map reading is advised.

WARNING. Using GPS co-ordinates in a vehicle within the confines of a road or track requires special precautions. Should co-ordinates be used blindly, without regard for distance and direction, serious navigational errors can result. This is due to:
1. GPS accuracy varies due to many factors, most within the control of the user.
2. Although great care is taken, should there be an error on this map, these errors need not cause navigational difficulties if users use common sense when plotting their route and pay attention to distance and direction.
3. This map should NOT be used for lifting co-ordinates by measuring from the grid lines, as the large scale and type of projection may seriously limit accuracy. In addition some minor tracks have been drawn by hand as no aerial photographs or satellite images exist for reference. Also, the grid is for reference only.

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The Garden Route	1:250 000	

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Selected maps are available on CD-ROM and as a digital PDF file download from this website.

LEGEND

- Major route
- Minor route (good gravel)
- District road (poor gravel)
- 4x4 vehicle required
- Railway
- Nature reserve
- Perennial water
- Non-perennial water
- Dam
- Dry pan
- Waterfall
- Waterpoint
- Capital City
- Large Town
- Small Town
- Village
- Small Centre
- Guesthouse
- Lodge
- Campsite
- Information centre
- Hotel
- Gate
- Airport
- Airstrip
- Height (m)
- Border Post
- Petrol / Diesel
- Approx. Distance (km)
- Place of Interest

22°18'35"S 19°44'58"E — GPS co-ordinate
Kalahari Bush Breaks — Name of place
4x4 Trails — Accomodation
+264 62 568936 — Telephone no.
Red border denotes 4x4 trail

GPS coordinates at intersections and towns

A1 -	17°01'47"S	13°12'51"E
A2 -	17°13'08"S	13°14'07"E
A3 -	17°02'48"S	13°29'10"E
A4 -	17°09'10"S	13°32'40"E
A5 -	17°20'40"S	13°48'40"E
A6 -	17°25'43"S	13°16'26"E
A7 -	17°27'52"S	13°03'12"E
A8 -	17°37'14"S	12°51'22"E
A9 -	17°38'23"S	12°42'27"E
A10 -	17°40'13"S	12°51'55"E
A11 -	17°47'46"S	12°31'23"E
A12 -	17°33'56"S	12°25'59"E
A13 -	17°47'27"S	12°23'17"E
A14 -	17°46'22"S	12°18'10"E
A15 -	17°49'24"S	12°21'05"E
A16 -	18°10'05"S	12°24'40"E
A17 -	18°11'02"S	12°53'16"E
A18 -	18°30'05"S	12°29'36"E
A19 -	17°47'00"S	13°57'48"E
A20 -	17°51'53"S	13°01'40"E
A21 -	17°52'19"S	13°20'01"E
A22 -	17°58'21"S	13°28'20"E
A23 -	18°14'18"S	13°46'09"E
A24 -	18°03'40"S	13°49'51"E
A25 -	18°21'55"S	13°46'22"E
A26 -	18°35'43"S	13°43'07"E
A27 -	18°46'19"S	13°45'22"E
A28 -	18°51'53"S	13°15'08"E
A29 -	19°02'53"S	13°27'20"E
A30 -	19°08'14"S	13°43'27"E
A31 -	19°15'59"S	13°53'01"E
A32 -	19°15'43"S	13°52'04"E
A33 -	19°17'58"S	14°01'42"E
A34 -	19°25'43"S	14°26'54"E
A35 -	19°18'56"S	14°28'53"E
A36 -	19°33'11"S	14°49'21"E
A37 -	19°37'23"S	14°50'41"E
A38 -	20°03'02"S	15°15'06"E
A39 -	20°00'14"S	15°42'49"E
A40 -	20°02'27"S	16°05'26"E
A41 -	20°07'49"S	15°05'13"E
A42 -	19°44'08"S	14°49'30"E
A43 -	19°50'21"S	14°07'25"E
A44 -	19°53'01"S	13°56'29"E
A45 -	20°13'35"S	14°03'32"E
A46 -	20°17'29"S	13°39'35"E
A47 -	20°22'10"S	13°18'01"E
A48 -	20°54'00"S	13°27'08"E
A49 -	21°09'30"S	13°39'32"E
A50 -	21°10'13"S	13°40'06"E
A51 -	20°34'26"S	14°22'13"E
A52 -	20°37'10"S	14°25'04"E
A53 -	21°05'23"S	14°40'20"E
A54 -	21°13'09"S	14°52'06"E
A55 -	17°33'46"S	12°33'17"E
A56 -	17°12'33"S	12°08'43"E

GPS coordinates at intersections and towns

A1 -	17°01'47"S	13°12'51"E
A2 -	17°13'08"S	13°14'07"E
A3 -	17°02'48"S	13°29'10"E
A4 -	17°09'10"S	13°32'40"E
A5 -	17°20'40"S	13°48'40"E
A6 -	17°25'43"S	13°16'26"E
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A29 -	19°02'53"S	13°27'20"E
A30 -	19°08'14"S	13°43'27"E
A31 -	19°15'59"S	13°53'01"E
A32 -	19°15'43"S	13°52'04"E
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A38 -	20°03'02"S	15°15'06"E
A39 -	20°00'14"S	15°42'49"E
A40 -	20°02'27"S	16°05'26"E
A41 -	20°07'49"S	15°05'13"E
A42 -	19°44'08"S	14°49'30"E
A43 -	19°50'21"S	14°07'25"E
A44 -	19°53'01"S	13°56'29"E
A45 -	20°13'35"S	14°03'32"E
A46 -	20°17'29"S	13°39'35"E
A47 -	20°22'10"S	13°18'01"E
A48 -	20°54'00"S	13°27'08"E
A49 -	21°09'30"S	13°39'32"E
A50 -	21°10'13"S	13°40'06"E
A51 -	20°34'26"S	14°22'13"E
A52 -	20°37'10"S	14°25'04"E
A53 -	21°05'23"S	14°40'20"E
A54 -	21°13'09"S	14°52'06"E
A55 -	17°33'46"S	12°33'17"E
A56 -	17°12'33"S	12°08'43"E

HYPSOMETRIC TINTS

NAMIBIA	OVER BORDER
0 - 500m	
500 - 1000m	
1000 - 1500m	
1500 - 2000m	
2000 - 2500m	

GPS coordinates in Etosha National Park

E1 -	19°19'32"S	15°56'16"E
E2 -	19°18'33"S	15°56'23"E
E3 -	19°10'26"S	15°55'05"E
E4 -	19°07'16"S	16°04'08"E
E5 -	19°02'04"S	16°28'10"E
E6 -	18°59'18"S	16°33'18"E
E7 -	18°57'00"S	16°42'19"E
E8 -	18°53'30"S	16°46'07"E
E9 -	18°53'29"S	16°49'23"E
E10 -	18°48'20"S	16°56'16"E
E11 -	18°49'07"S	17°02'22"E
E12 -	18°46'05"S	17°15'41"E

GPS coordinates in Kaudom Area

K1 -	18°30'16"S	20°45'11"E
K2 -	19°06'22"S	20°42'19"E
K3 -	18°57'10"S	19°43'08"E
K4 -	19°35'38"S	20°29'43"E
K5 -	18°42'11"S	20°17'00"E
K6 -	19°05'49"S	20°11'30"E
K7 -	19°07'08"S	20°42'19"E

scale 1: 1 400 000. 36mm = 56 kms

10km 50km 100km

1: 620 000 InfoMap of Kaokoland and Northern Damaraland is available

Inquire at police stations about security and convoys operating in the Caprivi.

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