

CHAPTER 1

AREA AND CLIMATE

The Federal Republic of Nigeria, with an area of 923,769 square kilometers (made up of 909,890 square kilometres of land area and 13,879 square kilometres of water area), is situated between 3° and 14° East Longitude and 4° and 14° North Latitude. The longest distance from East to West is about 767 kilometres, and from North to South 1,605 kilometres. The country is bordered on the west by the Republics of Benin and Niger; on the east by the Republic of Cameroon; on the north by Niger and Chad Republics and on the south by the Gulf of Guinea.

The coast of Nigeria is a belt of mangrove swamps traversed by a network of creeks and rivers and the great Niger Delta. Beyond these lie successive belts of tropical rain forests (that break into a more open woodland with hilly ranges) and the undulating plateau (with hills of granite and sandstone), rising from 609.6 metres on the average to 1,828.8 metres eastwards. Midway north of the country the vegetation is grassland interspersed with trees and shrubs, which terminate in the Sahel Savannah region of the semi-arid north-east.

River Niger (Africa's third longest River) rises from the mountains to the east of Sierra Leone and flows for the first two-thirds of its 4,184 kilometres length outside Nigeria before entering the country from the north-west. It receives the River Benue (which rises from the Republic of Cameroon) at Lokoja and then flows for about 547 kilometres into the Atlantic Ocean. River Niger has as its tributaries, the Sokoto, Kaduna and Anambra Rivers while River Benue receives Katsina-Ala and Gongola Rivers. This second great drainage system runs from the central plateau into Yobe River and eventually empties itself into Lake Chad. Other important river systems include Benin, Escravos, Sombreiro, Bonny, Cross River, Imo, Ogun and Osun.

Nigeria is also blessed with favourable and varied climatic conditions. The climate is equatorial and semi-equatorial in nature, characterized by high humidity and substantial rainfall. There are two seasons – the wet and dry seasons. The wet season lasts from April to October, while the dry season lasts from November through March.

TABLE 1: AREA OF NIGERIA BY STATE

States	Hectares	Square Kilometres	Acres	Square Miles
Abia	490,000	4,900	1,205,400	1,914.06
Adamawa	3,870,000	38,700	9,520,200	15,117.19
Akwa Ibom	690,000	6,900	1,697,400	2,695.31
Anambra	486,500	4,865	1,196,790	1,900.39
Bauchi	4,911,900	49,119	12,083,274	19,187.11
Bayelsa	905,900	9,059	2,228,514	3,538.67
Benue	3,080,000	30,800	7,576,800	12,031.25
Borno	7,260,900	72,609	17,861,814	28,362.89
Cross River	2,178,700	21,787	5,359,602	8,510.55
Delta	1,710,800	17,108	4,208,568	6,682.81
Ebonyi	640,000	6,400	1,574,400	2,500.00
Edo	1,918,700	19,187	4,720,002	7,494.92
Ekiti	543,500	5,435	1,337,010	2,123.05
Enugu	753,400	7,534	1,853,364	2,942.97
Gombe	1,710,000	17,100	4,206,600	6,679.69
Imo	528,800	5,288	1,300,848	2,065.63
Jigawa	2,328,700	23,287	5,728,602	9,096.48
Kaduna	4,248,100	42,481	10,450,326	16,594.14
Kano	2,028,000	20,280	4,988,880	7,921.88
Katsina	2,356,100	23,561	5,796,006	9,203.52
Kebbi	3,698,500	36,985	9,098,310	14,447.27
Kogi	2,774,700	27,747	6,825,762	10,838.67
Kwara	3,570,500	35,705	8,783,430	13,947.27
Lagos	367,100	3,671	903,066	1,433.98
Nassarawa	2,873,500	28,735	7,068,810	11,224.61
Niger	6,892,500	68,925	16,955,550	26,923.83
Ogun	1,640,000	16,400	4,034,400	6,406.25
Ondo	1,582,000	15,820	3,891,720	6,179.69
Osun	902,600	9,026	2,220,396	3,525.78
Oyo	2,650,000	26,500	6,519,000	10,351.56
Plateau	2,714,700	27,147	6,678,162	10,604.30
Rivers	1,057,500	10,575	2,601,450	4,130.86
Sokoto	2,782,500	27,825	6,844,950	10,869.14
Taraba	5,628,200	56,282	13,845,372	21,985.16
Yobe	4,660,900	46,609	11,465,814	18,206.64
Zamfara	3,793,100	37,931	9,331,026	14,816.80
FCT (Abuja)	760,700	7,607	1,871,322	2,971.48
Total	90,989,000	909,890	223,832,940	355,425.78

Source: Office of the Surveyor-General

TABLE 2: IMPORTANT RIVERS IN NIGERIA

Rivers	Length in Kilometres
Anambra	209.2
Benue	796.5
Cross River	539.0
Donga	281.6
Gongola	530.9
Hadejia	329.8
Imo	225.3
Ka	378.1
Kaduna	547.1
Katsina-Ala	345.7
Komadugu Yobe	466.6
Mariga	297.7
Mada	201.1
Mungo	168.9
Ngodela	289.6
Niger	1,174.6
Ogun	305.7
Oni	153.9
Osun	273.5
Osse	265.5
Sokoto	627.5
Yesderam	353.9
Yewa	120.7
Zamfara	337.8

Source: Office of the Surveyor-General

TABLE 3: DISTANCE FROM STATE CAPITALS TO AND FROM ABUJA

States	Capitals	Abuja	Distance in Kilometres
Abia	Umuahia	"	513
Adamawa	Yola	"	855
Akwa Ibom	Uyo	"	593
Anambra	Awka	"	440
Bauchi	Bauchi	"	445
Bayelsa	Yenagoa	"	647
Benue	Makurdi	"	280
Borno	Maiduguri	"	918
Cross River	Calabar	"	729
Delta	Asaba	"	404
Ebonyi	Abakiliki	"	477
Edo	Binin City	"	450
Ekiti	Ado Ekiti	"	480
Enugu	Enugu	"	393
Gombe	Gombe	"	606
Imo	Owerri	"	533
Jigawa	Dutse	"	512
Kaduna	Kaduna	"	186
Kano	Kano	"	396
Katsina	Katsina	"	570
Kebbi	Birnin Kebbi	"	573
Kogi	Lokoja	"	193
Kwara	Ilorin	"	482
Lagos	Ikeja	"	761
Nassarawa	Lafia	"	180
Niger	Minna	"	156
Ogun	Abeokuta	"	740
Ondo	Akure	"	420
Osun	Oshogbo	"	428
Oyo	Ibadan	"	645
Plateau	Jos	"	313
Rivers	Port Harcourt	"	616
Sokoto	Sokoto	"	748
Taraba	Jalingo	"	691
Yobe	Damaturu	"	957
Zamfara	Gusau	"	490
FCT, Abuja	Abuja		0

Source: Abuja Yellow Pages Publication

TABLE 4: ANNUAL MEAN RAINFALL IN NIGERIA BY STATE, 2003 - 2007

States and Capitals	Millimetres				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	99.3	171.7	135
Adamawa (Yola)	94.4	76.0	72.2	88.1	82.6
Akwa Ibom (Uyo)	191.5	180.2	234.3	213.6	207.2
Anambra (Awka)	156.9	174.1	-	159.19	122.5
Bauchi (Bauchi)	99.1	72.1	87.3	84.3	85.7
Bayelsa (Yenagoa)	-	-	-	-	-
Benue (Makurdi)	43	81.1	-	-	-
Borno (Maiduguri)	54.4	50.4	51.6	43.3	55.9
Cross River (Calabar)	221.5	196.3	311.8	240.5	242.5
Delta (Asaba)	131.6	155.3	146.4	158.9	153.3
Ebonyi (Abakiliki)	-	-	-	-	-
Edo (Benin)	186	194.0	167.7	196.5	148.1
Ekiti (Ado-Ekiti)	-	78.9	114.6	109.7	75.6
Enugu (Enugu)	150.2	147.6	143.1	174.7	153.9
Gombe (Gombe)	-	85.3	81.3	80.1	82.2
Imo (Owerri)	189.2	148.1	212.4	243.0	198.2
Jigawa (Dutse)	-	-	-	-	92.9
Kaduna (Kaduna)	26.7	115.0	83.4	74.4	74.8
Kano (Kano)	119.1	106.6	114.7	109.1	109.8
Katsina (Katsina)	40.5	58.2	60.6	60.5	54.9
Kebbi (Birnin-Kebbi)	-	-	-	-	-
Kogi (Lokoja)	64.4	111.3	77.3	140.3	98.3
Kwara (Ilorin)	109.9	108.0	108.7	108.7	108.8
Lagos (Ikeja)	150.7	141.8	123.7	124.9	135.2
Nassarawa (Lafia)	-	108.8	107.6	61.4	83.3
Niger (Minna)	112.3	93.3	90.8	118.6	103.7
Ogun (Abeokuta)	121.1	97.3	76.5	97.0	97.9
Ondo (Akure)	279.5	121.2	111.9	115.1	156.9
Osun (Oshogbo)	133.7	108.6	94.1	122.5	114.7
Oyo (Ibadan)	128.8	110.6	100.4	105.0	111.2
Plateau (Jos)	121.8	101.0	100.3	105.5	107.1
Rivers (Port Harcourt)	203.1	156.5	171.2	215.0	186.4
Sokoto (Sokoto)	65.9	-	-	-	-
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	-	-	-	-	-
Zamfara (Gusau)	74.9	62.7	76.7	80.9	73.8
FCT, Abuja	170.6	128.3	126.1	109.3	133.5

Source: Nigerian Meteorological Agency

Note: 1. - No recording at the station for the period

2. () = State Capital

3. * = Estimates

TABLE 5: ANNUAL MEAN MINIMUM TEMPERATURE, 2003 - 2007

States and Capitals	Centigrade				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	20.2	19.8	23.2
Adamawa (Yola)	23.4	24.1	-	-	23.4
Akwa Ibom (Uyo)	23.6	23.5	23.3	23.4	23.4
Anambra (Awka)	32.7	32.3	-	-	32.5
Bauchi (Bauchi)	19.4	20.2	19.9	14.6	18.5
Bayelsa (Yenagoa)	-	-	-	-	23.4
Benue (Makurdi)	22.9	23.5	24.2	24.5	23.8
Borno (Maiduguri)	20.6	20.3	20.6	21.7	20.8
Cross River (Calabar)	23.5	23.5	20.8	20.4	22.0
Delta (Asaba)	24.3	23.5	21.0	20.4	22.3
Ebonyi (Abakiliki)	-	-	-	-	23.0
Edo (Benin)	23.7	-	23.6	23.7	23.6
Ekiti (Ado-Ekiti)	-	-	-	-	-
Enugu (Enugu)	33.0	-	-	-	-
Gombe (Gombe)	-	-	22.3	22.8	22.5
Imo (Owerri)	24.1	21.6	24.1	24.5	23.5
Jigawa (Dutse)	-	-	-	-	-
Kaduna (Kaduna)	19.3	17.6	19.9	19.9	19.1
Kano (Kano)	20.0	20.0	20.9	21.4	20.5
Katsina (Katsina)	19.2	20.2	20.5	20.0	19.9
Kebbi (Birnin-Kebbi)	-	-	-	-	22.2
Kogi (Lokoja)	24.2	23.2	20.6	20.4	22.1
Kwara (Ilorin)	22.1	22.2	20.0	17.8	20.5
Lagos (Ikeja)	24.2	24.0	24.3	-	24.1
Nassarawa (Lafia)	-	-	23.7	24.5	24.1
Niger (Minna)	20.9	22.1	25.3	22.5	22.7
Ogun (Abeokuta)	24.3	24.2	24.3	24.4	24.3
Ondo (Akure)	22.7	21.3	21	21.2	21.6
Osun (Oshogbo)	22.2	21.8	21	21.8	21.7
Oyo (Ibadan)	22.9	23.1	23.1	22.9	22.9
Plateau (Jos)	15.5	15.8	15.2	15.1	15.1
Rivers (Port Harcourt)	22.8	23.1	21.7	20.6	20.6
Sokoto (Sokoto)	22.5	22.5	23.1	23.2	22.8
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	18.6	20.2	-	-	-
Zamfara (Gusau)	18.1	17.7	20.5	20.3	19.0
FCT, Abuja	19.7	22.2	17.2	20.3	19.9

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

3. * = Estimates

TABLE 6: ANNUAL MEAN MAXIMUM TEMPERATURE, 2003 - 2007

States and Capitals	Centigrade				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	30.7	32.5	31.6
Adamawa (Yola)	32.9	-	-	-	28.1
Akwa Ibom (Uyo)	31.6	31.8	31.7	30.7	31.5
Anambra (Awka)	32.7	32.3	32.80	33.30	32.7
Bauchi (Bauchi)	32.9	33.3	31.5	34.2	32.9
Bayelsa (Yenagoa)	-	-	-	-	29.4
Benue (Makurdi)	34.6	-	30.7	34.5	32.3
Borno (Maiduguri)	35.6	33.6	35.5	36.5	35.3
Cross River (Calabar)	31.4	31.2	30.6	31.3	31.1
Delta (Asaba)	32.5	31.7	30.5	30.5	31.3
Ebonyi (Abakiliki)	-	-	-	-	32.5
Edo (Benin)	31.4	31.8	30.2	32	31.4
Ekiti (Ado-Ekiti)	-	-	-	-	32.1
Enugu (Enugu)	33	34.6	-	-	33.8
Gombe (Gombe)	-	-	33.1	33.2	33.1
Imo (Owerri)	32.6	32.7	32.8	32.5	32.6
Jigawa (Dutse)	-	-	-	-	32.6
Kaduna (Kaduna)	32	-	32.6	32.5	32.4
Kano (Kano)	33.9	34.9	33.2	32.6	33.7
Katsina (Katsina)	33.8	34.1	36.9	35	34.9
Kebbi (Birnin-Kebbi)	-	-	-	-	24.7
Kogi (Lokoja)	-	-	-	-	24.7
Kwara (Ilorin)	32.8	33.4	31.9	32.2	32.6
Lagos (Ikeja)	31.5	31.2	31.1	31.60	31.4
Nassarawa (Lafia)	-	-	34.4	36.1	35.3
Niger (Minna)	33.8	-	31.8	32.4	32.7
Ogun (Abeokuta)	32.9	-	-	33.1	33.0
Ondo (Akure)	31.3	31.6	-	30.7	31.2
Osun (Oshogbo)	31.4	31.8	31.6	31.8	31.6
Oyo (Ibadan)	31.8	32.3	31.9	32.3	32.1
Plateau (Jos)	28.1	28.1	30.6	30.5	29.3
Rivers (Port Harcourt)	31.3	31.8	31.8	31.9	31.7
Sokoto (Sokoto)	35.8	36.2	35.8	36.2	36.0
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	36.5	34.5	-	-	-
Zamfara (Gusau)	-	-	-	-	-
FCT, Abuja	33.4	32.9	27.4	27.7	30.3

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

3. * = Estimates

TABLE 7: ANNUAL MEAN RADIATION IN NIGERIA, 2003 - 2007

States and Capitals	Millimetres				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	-	14	14
Adamawa (Yola)	20.3	20.1	19.1	18.9	18.9
Akwa Ibom (Uyo)	-	-	-	-	-
Anambra (Awka)	-	-	-	-	-
Bauchi (Bauchi)	16.4	-	15.9	16.2	16.2
Bayelsa (Yenagoa)	-	-	-	-	-
Benue (Makurdi)	-	-	-	-	-
Borno (Maiduguri)	13	14.7	18.2	19.2	19.2
Cross River (Calabar)	-	-	-	-	-
Delta (Asaba)	-	-	-	-	-
Ebonyi (Abakiliki)	-	-	-	-	-
Edo (Benin)	-	-	14.1	13.5	13.5
Ekiti (Ado-Ekiti)	-	-	-	-	-
Enugu (Enugu)	12.3	-	10.9	12.3	12.3
Gombe (Gombe)	-	-	-	-	-
Imo (Owerri)	11.5	-	15.7	14.5	14.5
Jigawa (Dutse)	-	-	-	-	-
Kaduna (Kaduna)	-	-	-	-	-
Kano (Kano)	-	22.8	-	-	-
Katsina (Katsina)	-	-	17.1	16.9	17.0
Kebbi (Birnin-Kebbi)	-	-	-	-	-
Kogi (Lokoja)	15.3	14.5	14.8	14.5	14.7
Kwara (Ilorin)	-	-	-	-	-
Lagos (Ikeja)	-	-	-	-	-
Nassarawa (Lafia)	-	-	-	-	-
Niger (Minna)	-	-	-	-	-
Ogun (Abeokuta)	-	-	-	-	-
Ondo (Akure)	11.2	-	14.0	14.2	13.1
Osun (Oshogbo)	-	-	-	-	-
Oyo (Ibadan)	12	-	-	-	-
Plateau (Jos)	21.0	-	16.4	15.7	17.7
Rivers (Port Harcourt)	12.7	-	11.4	12.5	12.2
Sokoto (Sokoto)	-	-	17.5	17.3	17.4
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	20.6	-	-	-	-
Zamfara (Gusau)	-	-	-	-	-
FCT, Abuja	-	-	-	-	-

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

3. * = Estimates

TABLE 8: ANNUAL MEAN RELATIVE HUMIDITY AT 1500 GMT, 2003 - 2007

States and Capitals	Per Cent				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	71	68	43
Adamawa (Yola)	42	43	43	26	38
Akwa-Ibom (Uyo)	69	68	72	70	56
Anambra (Awka)	-	-	-	-	-
Bauchi (Bauchi)	41	35	36	35	30.0
Bayelsa (Yenagoa)	-	-	-	-	-
Benue (Makurdi)	50	51	51	52	41
Borno (Maiduguri)	30	28	31	30	24
Cross River (Calabar)	71	70	73	55	54
Delta (Asaba)	-	63	63	64	63
Ebonyi (Abakiliki)	-	-	-	-	64
Edo (Benin)	69	68	68	68	68
Ekiti (Ado-Ekiti)	-	-	-	-	34
Enugu (Enugu)	55	73	58	57	61
Gombe (Gombe)	-	40	38	37	38
Imo (Owerri)	65	79	77	81	76
Jigawa (Dutse)	-	-	-	-	-
Kaduna (Kaduna)	39	39	37	38	38
Kano (Kano)	33	32	32	23	30
Katsina (Katsina)	30	28	31	32	30
Kebbi (Birnin-Kebbi)	-	-	-	-	-
Kogi (Lokoja)	-	53	51	59	54
Kwara (Ilorin)	50	52	52	52	51
Lagos (Ikeja)	70	71	70	70	70
Nassarawa (Lafia)	-	49	51	44	48
Niger (Minna)	48	48	46	54	49
Ogun (Abeokuta)	62	61	61	62	-
Ondo (Akure)	66	65	64	65	65
Osun (Oshogbo)	-	58	58	60	62
Oyo (Ibadan)	61	60	60	-	-
Plateau (Jos)	45	46	50	41	46
Rivers (Port Harcourt)	70	69	70	73	73
Sokoto (Sokoto)	33	32	33	34	34
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	-	-	-	-	-
Zamfara (Gusau)	-	31	33	30	32
FCT, Abuja	50	51	51	50	51

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

3. * = Estimates

TABLE 9: ANNUAL MEAN RELATIVE HUMIDITY AT 0900 GMT, 2003 - 2007

States and Capitals	Per Cent				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	84	82	83
Adamawa (Yola)	42	55	56	39	48
Akwa-Ibom (Uyo)	69	81	83	84	79
Anambra (Awka)	-	-	-	-	68
Bauchi (Bauchi)	41	45	45	44	43
Bayelsa (Yenagoa)	-	-	-	-	85
Benue (Makurdi)	50	68	70	72	65
Borno (Maiduguri)	30	38	42	39	37
Cross River (Calabar)	71	84	85	80	80
Delta (Asaba)	-	81	80	82	81
Ebonyi (Abakiliki)	-	-	-	-	79.4
Edo (Benin)	69	84	84	85	81
Ekiti (Ado-Ekiti)	-	-	-	-	-
Enugu (Enugu)	55	73	74	76	70
Gombe (Gombe)	-	52	48	47	49
Imo (Owerri)	65	79	77	81	76
Jigawa (Dutse)	-	-	-	-	-
Kaduna (Kaduna)	39	53	51	51	49
Kano (Kano)	33	46	45	35	40
Katsina (Katsina)	30	39	42	43	39
Kebbi (Birnin-Kebbi)	-	-	-	-	-
Kogi (Lokoja)	-	71	71	75	72
Kwara (Ilorin)	50	76	76	76	70
Lagos (Ikeja)	70	84	84	84	81
Nassarawa (Lafia)	-	67	68	66	67
Niger (Minna)	48	59	61	69	59
Ogun (Abeokuta)	62	81	81	81	76
Ondo (Akure)	66	82	82	84	79
Osun (Oshogbo)	-	81	81	83	82
Oyo (Ibadan)	61	80	79	-	-
Plateau (Jos)	45	52	53	46	49
Rivers (Port Harcourt)	70	83	82	85	80
Sokoto (Sokoto)	33	45	44	45	42
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	-	-	-	-	-
Zamfara (Gusau)	-	44	44	77	55
FCT, Abuja	50	66	68	-	61

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

3. * = Estimates

TABLE 10: ANNUAL MEAN SUNSHINE HOURS IN NIGERIA, 2002 - 2006

States and Capitals	Per Cent				
	2002	2003	2004	2005	2006
Abia (Umuahia)	-	-	-	-	-
Adamawa (Yola)	6	-	6.6	-	-
Akwa Ibom (Uyo)	-	-	-	-	-
Anambra (Awka)	-	-	-	-	-
Bauchi (Bauchi)	-	-	-	-	-
Bayelsa (Yenagoa)	-	-	-	-	-
Benue (Makurdi)	6.4	6.4	-	-	-
Borno (Maiduguri)	-	-	-	-	-
Cross River (Calabar)	-	-	-	-	-
Delta (Asaba)	-	-	-	-	-
Ebonyi (Abakiliki)	-	-	-	-	-
Edo (Benin)	-	-	-	-	4.4
Ekiti (Ado-Ekiti)	-	-	-	-	-
Enugu (Enugu)	5.8	6	-	-	5.4
Gombe (Gombe)	-	-	-	-	-
Imo (Owerri)	-	-	-	-	-
Jigawa (Dutse)	-	-	-	-	-
Kaduna (Kaduna)	-	-	-	-	-
Kano (Kano)	-	-	-	-	-
Katsina (Katsina)	-	-	-	-	-
Kebbi (Birnin-Kebbi)	-	-	-	-	-
Kogi (Lokoja)	-	-	-	-	-
Kwara (Ilorin)	-	-	-	-	-
Lagos (Ikeja)	-	-	-	-	-
Nassarawa (Lafia)	-	-	-	-	-
Niger (Minna)	-	-	-	-	-
Ogun (Abeokuta)	-	-	-	-	-
Ondo (Akure)	-	-	-	-	-
Osun (Oshogbo)	-	-	-	-	-
Oyo (Ibadan)	-	-	-	-	-
Plateau (Jos)	7.5	7.4	-	-	-
Rivers (Port Harcourt)	-	-	-	-	-
Sokoto (Sokoto)	-	-	-	-	8.2
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	-	-	-	-	-
Zamfara (Gusau)	-	-	-	-	-
FCT, Abuja	7	-	-	-	-

Source: Nigerian Meteorological Agency

Note: 1. - =No recording at the station for the period.

2. () = State Capital

TABLE 11: ANNUAL MEAN CLOUD COVERAGE IN NIGERIA, 2003 - 2007

States and Capitals	OCATS				
	2003	2004	2005	2006	2007*
Abia (Umuahia)	-	-	7	7	7
Adamawa (Yola)	7	7	7	7	7
Akwa-Ibom (Uyo)	7		7	7	7
Anambra (Awka)	7	7	-	-	7
Bauchi (Bauchi)	7	-	7	7	7
Bayelsa (Yenagoa)	-	-	-	-	7
Benue (Makurdi)	7	-	7	7	7
Borno (Maiduguri)	7	-	7	7	7
Cross River (Calabar)	7	-	7	6.9	-
Delta (Asaba)	-	-	7	7	7
Ebonyi (Abakiliki)	-	-	-	-	7
Edo (Benin)	7	-	7	7	7
Ekiti (Ado-Ekiti)	-	-	-	7	
Enugu (Enugu)	7	-	7	7	7
Gombe (Gombe)	-	-	7	7	-
Imo (Owerri)	7	-	7	7	7
Jigawa (Dutse)	-	-	-	-	7
Kaduna (Kaduna)	7	-	7	7	7
Kano (Kano)	7	-	7	7	
Katsina (Katsina)	7	-	7	6.9	7
Kebbi (Birnin-Kebbi)	-	-	-	-	7
Kogi (Lokoja)	7	-	7	7	7
Kwara (Ilorin)	7	-	7	7	7
Lagos (Ikeja)	7	-	7	6.9	7
Nassarawa (Lafia)	-	-	7	7	7
Niger (Minna)	7	-	7	7	7
Ogun (Abeokuta)	7	-	7	7	-
Ondo (Akure)	7	-	7	7	7
Osun (Ogbomosho)	7	-	7	7	7.
Oyo (Ibadan)	7	-	7	7	7
Plateau (Jos)	7	-	7	6.9	7
Rivers (Port Harcourt)	7	-	7	7	7
Sokoto (Sokoto)	7	-	6.8	7	7
Taraba (Jalingo)	-	-	-	-	-
Yobe (Damaturu)	7	-	-	-	-
Zamfara (Gusau)	7	-	7	7	7
FCT, Abuja	-	-	7	7	7

Source: Nigerian Meteorological Agency

Note: 1. - = No recording at the station for the period.

2. () = State Capital

3. * = Estimates