

Sudan

16. SUDAN

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Major Changes

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- As of July 2011 South Sudan has become an independent state. All weapon systems that belong now to South Sudan have been eliminated from our tables.
 - No other major changes have been reported in the Sudanese Armed Forces.
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General Data

Official Name of the State: Republic of the Sudan

Head of State: President Field Marshal Omar Hassan Ahmed al-Bashir

Defense Minister: Lieutenant General Awad al-Karim Ahmad Muhammad Ibn Auf

Chief of General Staff: Lieutenant General Mustafa Osman Obeid Salim

Inspector General of the Armed Forces: Lieutenant General Ahmed Abdalla al-Naw

Chief of Staff of the Land Forces: Lieutenant General Yahia Mohamed Khair Ahmed

Chief of Staff of the Air Force: Lieutenant General Isam Mubarak Habib Allah Ibrahim

Chief of Staff of the Navy: General Fath al-Rahman Muhi al-Din Salih Mohamed

Area: 1,886,068 sq. km.

Population: 32,700,000

Foreign Military Cooperation

Type	Details
• Foreign Forces	PRC (alleged presence of forces for the defense of

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Type	Details
<ul style="list-style-type: none"> • Joint maneuvers • Security agreements 	Chinese-operated oil fields) (2005); UNAMID (17,760 troops), UNMISS (9,200 troops), UNISFA (4,200 troops) Saudi Arabia (2013) Egypt (2001), Russia (2002), Syria (2000), PRC (2007)

Arms Trade

Arms Procurement and Security Assistance Received

Country	Type	Details
Belarus	<ul style="list-style-type: none"> • Arms transfers 	Su-25 aircraft (2009)
Iran	<ul style="list-style-type: none"> • Arms transfers 	Ababil UAVs (2009)
PRC	<ul style="list-style-type: none"> • Military training 	IRGC personnel; trainees abroad
	<ul style="list-style-type: none"> • Arms transfers 	WS-1 rockets (2009)
Russia	<ul style="list-style-type: none"> • Military training 	Military advisers (alleged)
	<ul style="list-style-type: none"> • Arms transfer 	Mi-8/17 helicopters (2009), BTR-80 APCs (2009)
UK	<ul style="list-style-type: none"> • Facilities • Arms transfers 	Helicopter maintenance center (2009) BV206 APCs (2009)
Ukraine	<ul style="list-style-type: none"> • Arms transfers 	T-72 MBTs (2010), ZPU-4 (2009) , BM-21 MRLs (2009), 152mm 1S3 guns (2010), 122mm 2S1 guns (2010), 122mm D-30 guns (2010)

Arms Sales and Security Assistance Extended

Country	Type	Details
Iran	<ul style="list-style-type: none"> • Facilities 	Iranian IRGC; facilities for Iranian ships at Port Sudan
Lebanon	<ul style="list-style-type: none"> • Facilities 	Training facilities for Hizballah, Islamic Jihad

Defense Production

	M	P	A
Army equipment			
<ul style="list-style-type: none"> • WZ551 APCs 			✓
Air force equipment			
<ul style="list-style-type: none"> • Safat-1 (Piper Cub), Safat-2 (Aerocopter AK-1), Safat-3 (Utva 75) light aircraft 		✓	

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Strategic Assets

NBC Capabilities

Nuclear capability

No known nuclear activity. Party to the NPT.

Chemical weapons and protective equipment

Alleged CW from Iran (unsubstantiated); Alleged production of CW (unsubstantiated);

Personal protective equipment; unit decontamination equipment.

Party to the CWC.

Biological weapons

No known BW activities. Party to the BWC.

Armed Forces

Order-of-Battle

Year	2009	2010	2011	2012	2013
General data					
• Personnel (regular)	104,000	104,000	104,000	104,000	104,000
Ground Forces					
• Divisions	9	9	9	9	9
• Total number of brigades	61	61	61	61	61
• Tanks	350	350	350	350	350
• APCs/AFVs	725 (860)	725 (860)	725 (860)	725 (860)	725 (860)
• Artillery (including MRLs)	820 (825)	825 (830)	825 (830)	825 (830)	825 (830)
Air Force					
• Combat aircraft	82 (104)	82 (104)	56 (96)*	56 (96)	56 (96)
• Transport aircraft	19	19	23 (25)*	23 (25)	23 (25)
• Helicopters	67	67	53 (61)*	53 (61)	53 (61)
Air Defense Forces					
• Heavy SAM batteries	20	20	20	20	20
Navy					
• Patrol craft	15	15	15	15	15

* Due to change in estimate.

Personnel

	Regular	Reserves	Total
Ground Forces	100,000		100,000
Air Force	3,000		3,000

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	Regular	Reserves	Total
Navy	1,000		1,000
Total	104,000		104,000
Paramilitary			
• People's Defense Forces	15,000	85,000	100,000
• Border Guard	2,500		2,500

Ground Forces

Formations

	Divisions	Independent brigades/groups
Armored		1
Mechanized/ Infantry		7
Airborne		1
Artillery		
Reconnaissance		
Engineering		1
Total	10	28

Tanks

Model	Quantity	In service	Since	Notes
MBTs				
Medium and low quality				
• Type 96	10	10	2006	
• M60 A3	20	20	1981	
• T-55 variants	~250	~250	1969	Including T-54/ T-55/Type 59/ Type 72Z
• Type 62	70	70	1972	
Total	350	350		

APCs/AFVs

Model	Quantity	In service	Since	Notes
APCs				
• al-Walid	150	100	1986	
• M-113	80	36	1982	
• BTR-152	80	80	1960	
• BTR-50	20	20	1970	
• BTR-80A	47	47	2001	

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Model	Quantity	In service	Since	Notes
• Rakash	20	20	2006	
• Boragh (WZ-501)	10	10	2003	
• Fahd	*	*	1989	
• M-3 (Panhard)	*	*	1983	
• OT-62	20	20		
• OT-64	55	55	1973	
Subtotal	~480	~390		
IFVs				
• V-150 Commando	100	55	1984	
• BMP-2	20	20	2004	
• WZ551 (Type 92)	10	10	2006	
• AMX-VCI	+	+		
Subtotal	130	85		
Reconnaissance				
• BRDM-2	120	120	1980	
• Saladin	50	50	1961	
• AML-90	5	5		
Subtotal	175	175		
Light Armored Vehicles				
• BV206	15	15	2006	
• Ferret	60	60	1960	
Subtotal	75	75		
Total	860	725		

Artillery

Model	Quantity	In service	Since	Notes
Self-propelled guns and howitzers				
• 155mm Mk F-3 (AMX)	10	6	1984	
• 152mm 2S3	+	+	2010	
• 122mm 2S1	10	10	2003	
Subtotal	25	20		
Towed guns and howitzers				
• 155mm M-114	20	12	1981	
• 130mm Type 59 /M-46	75	75		
• 122mm D-30	22	22	2002	
• 105mm M-101	20	20		
Subtotal	137	129		

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Model	Quantity	In service	Since	Notes
Mortars, under 160mm				
• 120mm	+	+	1970	
MRLs				
• 122mm BM-21	90	90	1989	
• 122mm Saqr	50	50	1986	
• 122mm type 81	18	18	1992	
• 107mm Type 63	500	500		
Subtotal	658	658		
Artillery Rockets				
• 333mm Shaheen-2	10	10	2008	
• 302mm WS-1	+	+	2005	
Total	830	825		

Anti-Tank Missiles

Model	Launchers	Missiles	Since	Notes
• BGM-71C improved TOW	+	+		Not all serviceable
• AT-3 (Sagger)	+	+		

Air Force

Order-of-Battle

Category	Quantity	In service	Notes
• Combat	96	56	
• Transport	25	23	
• Helicopters	61	53	

Combat Aircraft

Model	Quantity	In service	Since	Notes
Interceptors				
• MiG-29	21	11	2003	
• MiG-23	3	3	1987	
Subtotal	24	14		
Ground Attack				
• MiG-23BN	6	6	2006	
• Su-25	14	11	2008	
Subtotal	20	17		

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Model	Quantity	In service	Since	Notes
Obsolete				
• A-5C	12	3	2003	
• F-6 Shenyang/J-6	12	8	1981	
• MiG-21 (Fishbed)/F-7	28	~14	1970	
Subtotal	52	25		
Total	96	56		

Transport Aircraft

Model	Quantity	In service	Since	Notes
• An-24/ An-26	4	4	1980	
• C-130H Hercules	4	4	1978	
• DHC-5D Buffalo	3	1	1978	
• Fokker F-27	1	1	1974	
• Mystère-Falcon 50	1	1	1983	
• Mystère-Falcon 20	1	1	1978	
• An-74TK-200	2	2	2005	
• An-32	5	5	2001	
• Y-8 (An-12)	4	4	2002	
Total	25	23		

Training and Liaison Aircraft

Model	Quantity	In service	Since	Notes
Jet trainers				
• K-8 Karakorum	12	12	2004	Also used for ground attack
Total	12	12		

Helicopters

Model	Quantity	In service	Since	Notes
Attack				
• Mi-24	24	24	2002	
Medium transport				
• Mi-8/17 (Hip)	20	20	2002	
• SA-330/IAR-330 Puma	12	4	1985	
Subtotal	32	24		
Light transport				
• MBB BO-105	5	5	1980	Some serving with police
Total	61	53		

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Miscellaneous Aircraft

Model	Quantity	In service	Since	Notes
UAVs				
• Ababil	+	+	2008	

Advanced Armament

Air-to-air missiles

- AA-2 (Atoll), AA-11 (R-73), AA-12 (R-77), PL-2, PL-7

Air Force Infrastructure

Military airfields : 13

Atbara, al-Fasher, al-Geneina, Juba, Khartoum, Malakal, Merowe, al-Obeid, Port Sudan, Port Sudan (new), Wad Medani, Wadi Sayidina, Wau

Air Defense Forces

Surface-to-Air Missiles

Model	Batteries	Launchers	Since	Notes
Heavy missiles				
• SA-2 (Guideline)	20		1981	
Shoulder-launched missiles				
• FN-6		10	2006	
• SA-7 (Grail)		250	1980	
• MIM-43A Redeye		25	1984	
Total		275		

Other Air Defense Systems

Model	Quantity	In service	Since	Notes
Short-range guns				
• 57mm	+	+		
• 40mm	60	60		
• 37mm M-1939	110	80	1973	
• 23mm ZU 23x2	50	50	1984	
• 20mm M-3 VDA	12	12		
• 20mm M163A-1 Vulcan SP	8	8	1986	
• 20mm M167 Vulcan	16	16	1986	

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Model	Quantity	In service	Since	Notes
Total	~260	~230		

Navy

Patrol Craft

Type	Quantity	Length (m.)/ Displacement (t.)	Notes/armament
• Ashoora I class	7	8.1/3	Probably non-operational
• Sewart class	4	12.9/9.1	1x12.7mm MG Probably non-operational
• Kurmuk (Yugoslav type 15)	4	16.9/19.5	1x20mm gun
Total	15		

Landing Craft

Type	Quantity	Length (m.)/ Displacement (t.)	Notes/armament
• Type II LCVP	5		Delivered from Yugoslavia

Auxiliary Vessels

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Yugoslav supply ships	2	47.3/410	1x20mm gun 2x12.7mm MG
• Baraka 21	1		
• Rotork 512 craft	1		
Total	4		

Naval Infrastructure

Naval bases :	3
Port Sudan, Flamingo Bay, Khartoum	

Major Non-Governmental Paramilitary Forces

Note: due to the declaration of South Sudan's independence, we have removed any references to militia forces and military equipment relating to South Sudan. Former reports included the People's Liberation Army (SPLA), which operated tanks (T-72, T-55), artillery pieces (122mm guns and MRLs), as well as AD missiles (SA-7).

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Personnel	Total	Notes
• Sudanese Liberation Army (SLA)	1,000- 2,000	Active in Darfur
• Justice and Equality Movement (JEM)	1,000- 2,000	Active in Darfur
• Sudanese People Liberation Army – North (SPLA-N)	1,000- 2,000	Active in South Kordofan
• Sudan Alliance Forces	1,000- 2,000	Active in eastern Sudan
• Beja Congress Forces	500	Active in eastern Sudan