



**Ministry of Defence**  
**Sudan Mine Action Programme**  
**IMSMA Monthly Report- October 2017**



## **Abbreviations**

DA	-	Dangerous area
SHA	-	Suspected Hazardous Area (result of Level 1 Survey)
MF	-	Mine Field (Result of Technical survey of DA or SHA. It has defined boundary)
APM	-	Anti Personnel Mines
ATM	-	Anti Tank Mines
UXO	-	Unexploded Ordinance
SAA	-	Small Arms Ammunition
EOD	-	Explosive Ordinance Disposal
BAC	-	Battle Area Clearance
GMAA	-	General Mine Action Assessment
MRE	-	Mine Risk Education
NMAC	-	National Mine Action Center
IMSMA	-	Information Management System For Mine Action



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Demining assets operating in the clearance of the registered contaminated areas of Kassala state have been further reinforced by the allocation of another two additional demining assets; a mechanical clearance team funded by the Government of Sudan (GoS) and Mine Detection Dogs team (MDD) funded by the United Nations Mine Action Services (UNMAS). Conversely, coordination is ongoing between the State Information Services of Kassala state and MRE organizations operating in the state with the aim purpose to enhance the awareness on risks associated with the presence of landmines and explosive remnant of war. On the other hand, the National Mine Action Center (NMAC) is closely follow-up progress on preparations to declare Kassala state free from landmines and explosive remnant of war by the close down of this year.

In October 2017, intensive training sessions were held in the field of Mine Risk Education (MRE), basically focused on Explosive Remnant of War (ERW) risks prone. The sessions were organized by the department of awareness in NMAC targeting the five Darfur states. Sidelong, preparations are ongoing to distribute the school awareness curriculum which scheduled to be completed by November 2017.

NMAC Director, together with the directors of the respective departments are closely pursuing efforts of NMAC Western Darfur Office anticipating the official announcement of Kerenik locality free from explosive remnant of war.

Due to the effective role being played by the Sudan in Forum of the Arab Regional Cooperation on Landmines, the Director General of the National Mine Action Center participated in deliberations of the 6th Annual Conference of the Arab Regional Cooperation Program assembled in Lebanon. Sudan has been assigned to host the regional workshop on mine risk education for Arab countries affected by mines and explosive remnant of war scheduled in the period between 12 - 14 December 2017. Such assignment constitutes an implicit recognition of Sudan as a member state that has fulfilled its commitments and made significant progress in the implementation of the Ottawa Convention. Also as it's known the risk awareness-raising is one of the most important components of the mine action program and Sudan has made remarkable progress and contributions with innovative means to help many in the delivery of the message and as an example for that is come the integrating of the syllabus of the awareness program within the curriculum of the basic and secondary schools after its adoption by the Ministry of Education in Sudan. The students of these two phases are the affected by mines and explosive remnants of war.

Base on the efforts made by deffernt Mine/ ERW clearance along with Mine and ERW Risk Education teams, in the affected areas in Kassala, Blue Nile, South Kordofan and Darfur States, duirng the month of July 2017 the following have been achived:

- a. Total of 8 new Danger Area (DAs) registered . (see table 1-3).
- b. Total of 260,708 sqm had been cleared of mines /ERW and handed over to the local communities (see table1-2).
- c. Total of 66 Anti-Personnel Mines (APM), 2,665 of unexploded Ordnance (UXO), and 5,242 Small Arms Ammunition (SAA) destroyed (see table 1-3).
- d. Mine/ERW Risk education activities provided MRE and ERW messages to 6,262 persons mainly in Darfur and Kassal states through implementing partners (FPDO, JASMAR,AAR, and Nada El-azhar) (see table 1-3).

Since 2002 Sudan Mine Action Programme has had registered 3,080 hazard areas, where 2,858 have been cleared. In 2017 total of 149 dangerous areas have been registered while 141 dangerous areas have been cleared, Total of 222 dangerous areas remained with an area of 27,699,710 sqm (see table 1-1).

Since the beginning of the programme the total of 105,270,464 sqm cleared and handed over to the local communities. While In 2017 a total of 3,485,212 sqm cleared from Mines/ ERW (see table 1-2).

Since 2002 total of 10,224 Anti-Personnel Mines (APM), 3,236 Anti-Tank Mines (ATM), 82,046 Unexploded Ordnance (UXO) and 809,120 Small Arms Ammunition (SAA) have been destroyed. While in 2017 a total of 93 Anti-Personnel Mines (APM), 58 Anti-Tank Mines (ATM), 10,859 UXOs and 71,890 Small Arms Ammunition (SAA) destroyed (see table 1-3).

Since 2002 to July 2017, 2,086 victims were reported, from the mentioned total 1,491 injured and 594 killed. In 2017, 34 victims were informed registered due to accidents in South Darfur, West Darfur, Northern Darfur and Blue Nile States, (see table 1-4).

To mitigate the risk of Mines/ ERW accidents, the National Mine Action Center (NMAC) in collaboration with the National and International NGOs (FPDO, JSMAR, AAR and NADA Alazhar) Mine/ ERW risk education activities have been conducted to 3,553,813 persons from the beginning of the programme and for 160,763 persons in 2017.

Since the beginning of the programme and till today a total of 38,898 klm roads have been opened and cleared (see table 6-1).

Note:

1. Due to ongoing data cleanup, differences in figures might be noticed in total figures of this month as compared to previous of months.



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**1. Summary of the contamination and progress:**

**Table 1.1: Contamination:**

Year	Registered				Cleared								Active			
	DA	SHA	MF	Total	DA		SHA		MF		Total		DA	SHA	MF	Total
					New	Old	New	Old	New	Old	New	Old				
October	8	0	0	8	0	0	0	0	0	0	0	0	8	0	0	8
2017	144	0	5	149	104	27	0	4	3	3	107	34	40	0	2	42
<b>Running Total</b>	<b>2,573</b>	<b>221</b>	<b>286</b>	<b>3,080</b>	<b>2,453</b>		<b>173</b>		<b>232</b>		<b>2,858</b>		<b>120</b>	<b>48</b>	<b>54</b>	<b>222</b>

**Table 1.2: Area Released:**

Period	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Released	Cancelled GMAA	Total Area Released
October	0	0	235,000	235,000	0	25,708	0	0	25,708	0	260,708
2017	2	311,930	2,401,057	2,712,989	248,372	368,679	44,896	35,401	697,348	74,875	3,485,212
<b>Running Total</b>	<b>1,775,210</b>	<b>5,005,224</b>	<b>45,316,254</b>	<b>52,096,688</b>	<b>6,533,418</b>	<b>9,017,642</b>	<b>2,879,119</b>	<b>1,570,255</b>	<b>20,000,434</b>	<b>33,173,342</b>	<b>105,270,464</b>

**Table 1.3: Devices Destroyed:**

Period	AP	AT	SAA	UXO
October	66	0	5,242	2,665
2017	93	58	71,890	10,859
<b>Running Total</b>	<b>10,224</b>	<b>3,236</b>	<b>809,120</b>	<b>82,046</b>

**Table 1.4: Casualties:**

Period	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2017	1	0	3	1	2	7	8	0	18	1	0	27	34
<b>Running Total</b>	<b>256</b>	<b>30</b>	<b>131</b>	<b>26</b>	<b>152</b>	<b>595</b>	<b>723</b>	<b>60</b>	<b>311</b>	<b>59</b>	<b>338</b>	<b>1,491</b>	<b>2,086</b>

**Table 1.5: MRE:**

Period	Boys	Girls	Men	Women	Not Specified	Total
October	1,061	861	2,577	1,763	0	6,262
2017	50,596	38,788	36,850	34,529	0	160,763
<b>Running Total</b>	<b>990,720</b>	<b>798,267</b>	<b>790,628</b>	<b>770,385</b>	<b>203,812</b>	<b>3,553,813</b>

**Table 1.6: Road Opened:**

Period	Road Assessed (Km)	Road Verified (km)	Road Opened(km)
2017	0	0	0
<b>Running Total</b>	<b>35,817</b>	<b>2,081</b>	<b>37,898</b>

## 2. Detailed Report on Mine Action Activities in Sudan

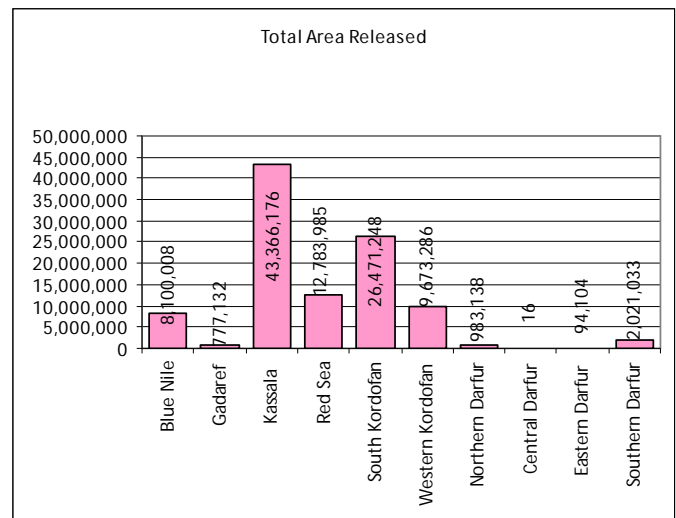
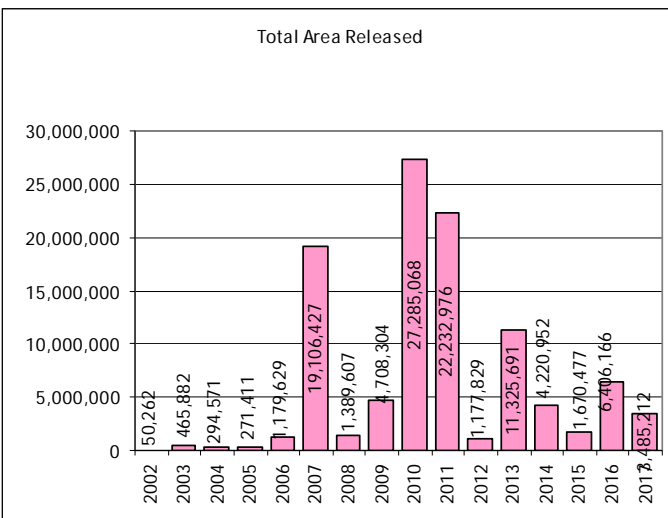
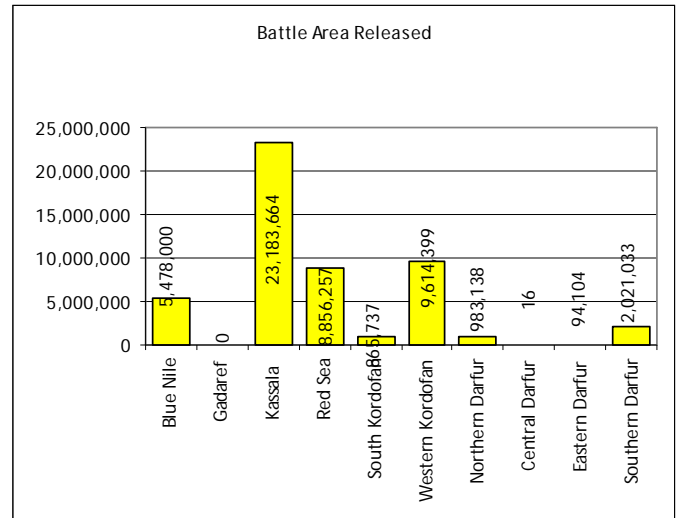
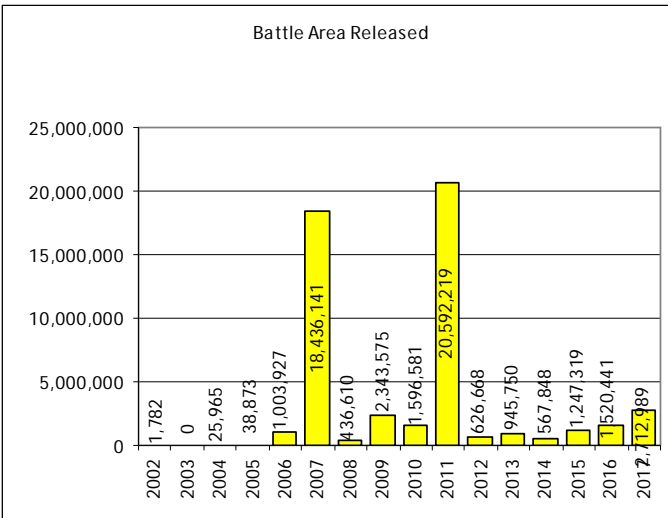
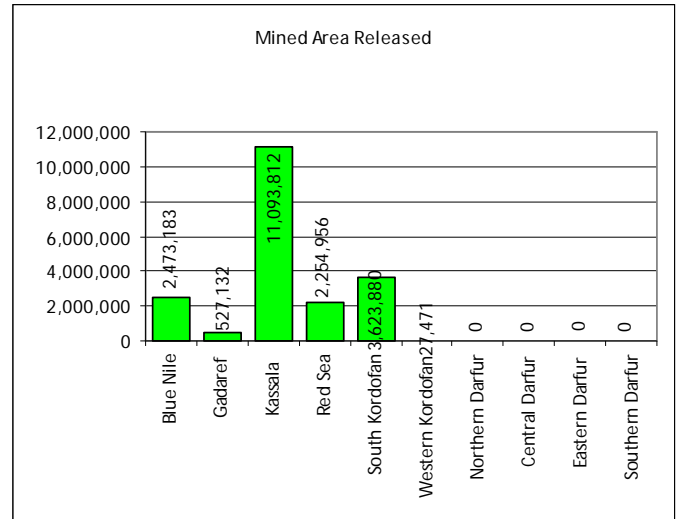
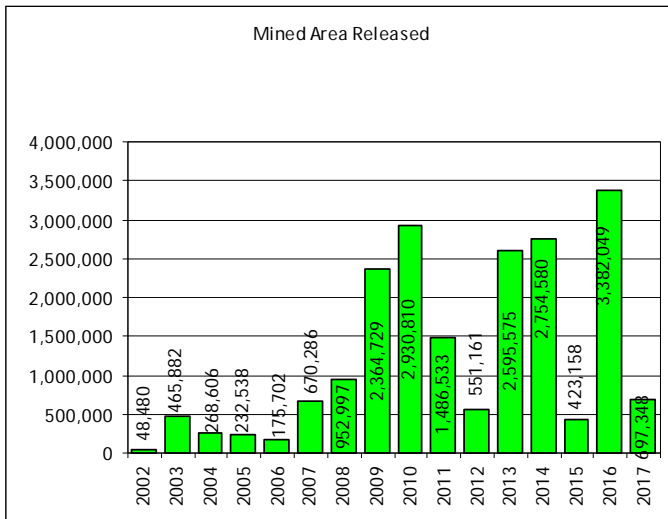
**Table 2.1: Area Released by year:**

Year	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Release	Cancelled GMAA	Total Area Released
2002	1782	0	0	1,782	0	48,480	0	0	48,480	0	50,262
2003	0	0	0	0	0	465,882	0	0	465,882	0	465,882
2004	25965	0	0	25,965	0	268,606	0	0	268,606	0	294,571
2005	37822.6	0	1,050	38,873	0	140,138	0	92,400	232,538	0	271,411
2006	87700	36,000	880,227	1,003,927	0	175,702	0	0	175,702	0	1,179,629
2007	18381	157,760	18,260,000	18,436,141	0	666,474	0	3,812	670,286	0	19,106,427
2008	7311	251,036	178,263	436,610	0	942,189	0	10,808	952,997	0	1,389,607
2009	37248	478,922	1,827,405	2,343,575	1,195,514	969,632	95,354	104,229	2,364,729	0	4,708,304
2010	26003	1,111,084	459,494	1,596,581	645,074	458,315	1,218,951	608,470	2,930,810	22,757,677	27,285,068
2011	1523284	1,305,956	17,762,979	20,592,219	0	369,709	894,061	222,763	1,486,533	154,224	22,232,976
2012	7520	357,648	261,500	626,668	0	422,196	128,965	0	551,161	0	1,177,829
2013	58	361,067	584,625	945,750	1,821,301	385,770	313,734	74,770	2,595,575	7,784,366	11,325,691
2014	87	270,761	297,000	567,848	285,212	2,280,689	63,364	125,315	2,754,580	898,524	4,220,952
2015	45	65,250	1,182,024	1,247,319	0	278,401	30,104	114,653	423,158	0	1,670,477
2016	2001	297,810	1,220,630	1,520,441	2,337,945	776,780	89,690	177,634	3,382,049	1,503,676	6,406,166
2017	2	311,930	2,401,057	2,712,989	248,372	368,679	44,896	35,401	697,348	74,875	3,485,212
<b>Total</b>	<b>1,775,210</b>	<b>5,005,224</b>	<b>45,316,254</b>	<b>52,096,688</b>	<b>6,533,418</b>	<b>9,017,642</b>	<b>2,879,119</b>	<b>1,570,255</b>	<b>20,000,434</b>	<b>33,173,342</b>	<b>105,270,464</b>

**Table 2.2: Area Released by State:**

Period	States	EOD	BAC Sub Surface	BAC Surface	Battle Area Released	Cancelled	Manual Mine Clearance	Mechanical Mine Clearance	Mine Detection Dogs (MDD)	Mined Area Released	Cancelled GMAA	Total Area Released
October	Blue Nile	0	0	235,000	235,000	0	0	0	0	0	0	235,000
	Kassala	0	0	0	0	0	25,708	0	0	25,708	0	25,708
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>235,000</b>	<b>235,000</b>	<b>0</b>	<b>25,708</b>	<b>0</b>	<b>0</b>	<b>25,708</b>	<b>0</b>	<b>260,708</b>
2017	Blue Nile	0	0	1,869,970	1,869,970	0	13,849	0	0	13,849	0	1,883,819
	Kassala	0	180,000	412,481	592,481	211,007	294,268	40,996	35,401	581,672	10,000	1,184,153
	Red Sea	2	18,000	78,500	96,502	27,365	59,562	3,900	0	90,827	0	187,329
	South Kordofan	0	113,930	40,106	154,036	10,000	1,000	0	0	11,000	64,875	229,911
	<b>Total</b>	<b>2</b>	<b>311,930</b>	<b>2,401,057</b>	<b>2,712,989</b>	<b>248,372</b>	<b>368,679</b>	<b>44,896</b>	<b>35,401</b>	<b>697,348</b>	<b>74,875</b>	<b>3,485,212</b>
Total	Blue Nile	100,701	1,423,749	3,953,550	5,478,000	392,138	783,859	921,763	375,423	2,473,183	148,824	8,100,008
	Gadaref	0	0	0	0	182,633	233,235	0	111,264	527,132	250,000	777,132
	Kassala	522,652	2,534,739	20,126,273	23,183,664	4,275,200	4,278,410	1,649,772	890,430	11,093,812	9,088,700	43,366,176
	Red Sea	26	176,096	8,680,135	8,856,257	121,4413	714,413	27,9930	46,200	2,254,956	167,272	12,783,985
	South Kordofan	62,724.1	387,907	415,106	865,737	469,034	2,980,254.48	27,654	146,938	3,623,880	21,981,630	26,471,248
	Western Kordofan	9,763	184,620	942,0016	9,614,399	0	274,70.6001	0	0	27,471	31,416	9,673,286
	Northern Darfur	57,477	84,185	841,476	983,138	0	0	0	0	0	0	983,138
	Central Darfur	16	0	0	16	0	0	0	0	0	0	16
	Eastern Darfur	21,704	30,000	42,400	94,104	0	0	0	0	0	0	94,104
	Southern Darfur	7	183,728	1,837,298	2,021,033	0	0	0	0	0	0	2,021,033
Western Darfur	100,0140	200	0	1,000,340	0	0	0	0	0	0	1,000,340	
<b>Total</b>	<b>1,775,210</b>	<b>5,005,224</b>	<b>45,316,254</b>	<b>52,096,688</b>	<b>6,533,418</b>	<b>9,017,642</b>	<b>2,879,119</b>	<b>1,570,255</b>	<b>20,000,434</b>	<b>33,173,342</b>	<b>105,270,464</b>	

**Chart 2.1: Area Released:**



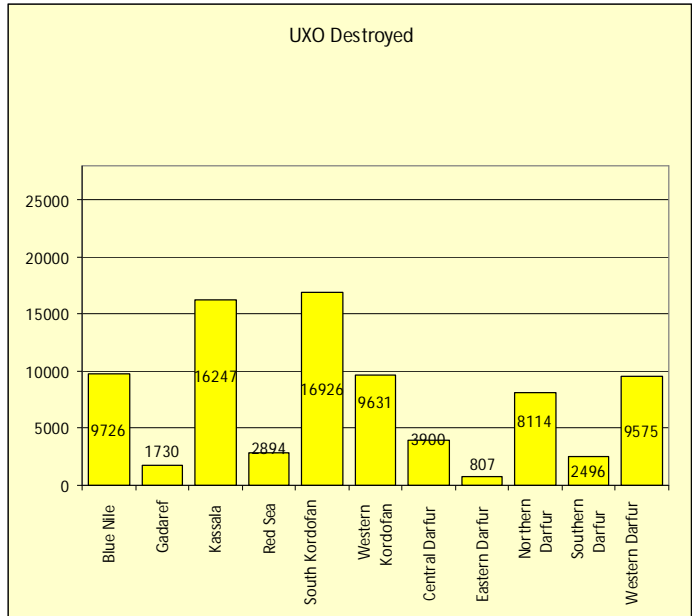
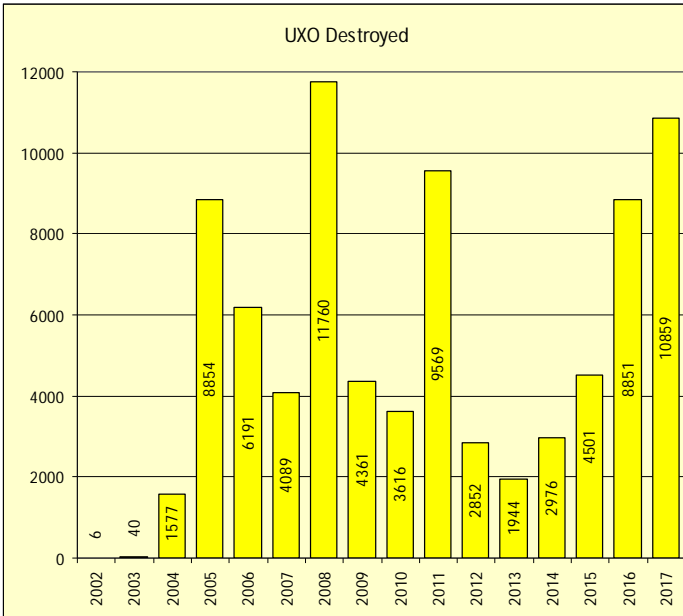
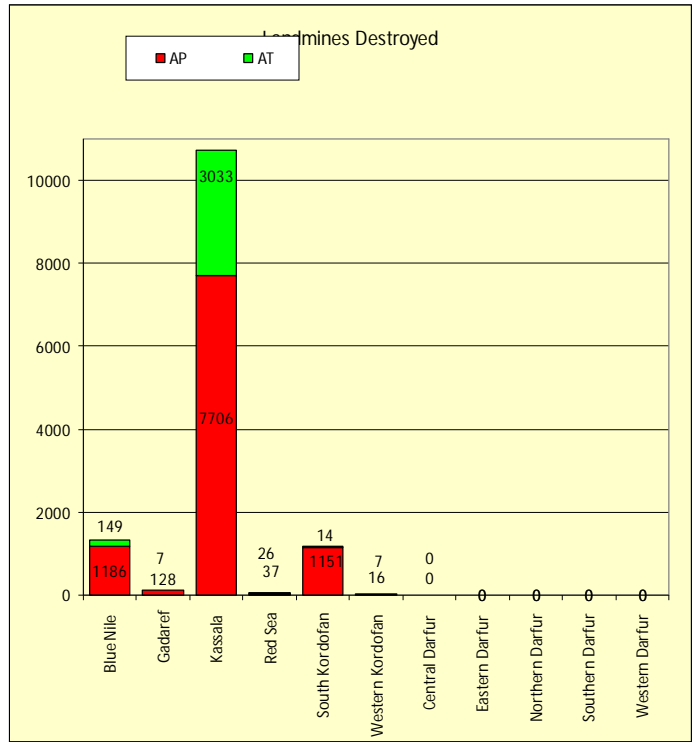
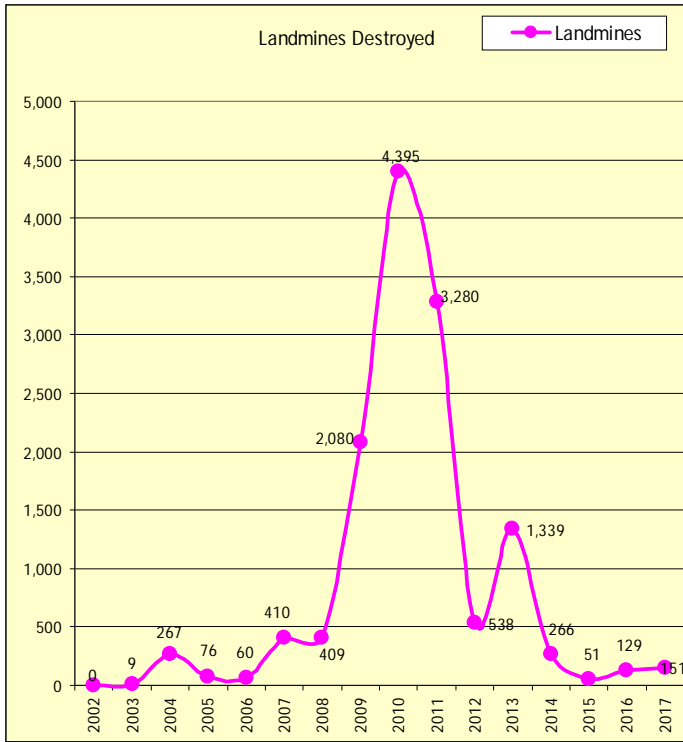
**Table 2.3: Devices Destroyed by year:**

Year	AP	AT	SAA	UXO
2002	0	0	345	6
2003	8	1	0	40
2004	263	4	500	1,577
2005	72	4	56,198	8,854
2006	58	2	45,727	6,191
2007	313	97	153,385	4,089
2008	387	22	82,389	11,760
2009	1,524	556	9,795	4,361
2010	3,268	1,127	20,253	3,616
2011	2,412	868	15,776	9,569
2012	451	87	8,334	2,852
2013	1,071	268	10,924	1,944
2014	171	95	14,020	2,976
2015	28	23	61,329	4,501
2016	105	24	258,255	8,851
2017	93	58	71,890	10,859
<b>Total</b>	<b>10,224</b>	<b>3,236</b>	<b>809,120</b>	<b>82,046</b>

**Table 2.4: Devices Destroyed by State:**

Period	State	AP	AT	SAA	UXO
October	Central Darfur	0	0	0	4
	Eastern Darfur	0	0	0	3
	Kassala	66	0	0	2
	Northern Darfur	0	0	242	55
	Western Darfur	0	0	5,000	2,601
	<b>Total</b>	<b>66</b>	<b>0</b>	<b>5,242</b>	<b>2,665</b>
2017	Blue Nile	0	0	284	231
	Central Darfur	0	0	48,073	1,607
	Eastern Darfur	0	0	1,420	240
	Kassala	93	57	48	509
	Northern Darfur	0	0	14,709	3,040
	Red Sea	0	1	0	98
	South Kordofan	0	0	332	7
	Southern Darfur	0	0	1,582	1,543
	Western Darfur	0	0	5442	3584
<b>Total</b>	<b>93</b>	<b>58</b>	<b>71,890</b>	<b>10,859</b>	
Total	Blue Nile	1,186	149	111,409	9,726
	Gadaref	128	7	28,619	1,730
	Kassala	7,706	3,033	11,197	16,247
	Red Sea	37	26	16,697	2,894
	South Kordofan	1,151	14	295,599	16,926
	Western Kordofan	16	7	5,055	9,631
	Central Darfur	0	0	57,475	3,900
	Eastern Darfur	0	0	1,455	807
	Northern Darfur	0	0	252,782	8,114
	Southern Darfur	0	0	1,791	2,496
	Western Darfur	0	0	27,041	9,575
<b>Total</b>	<b>10,224</b>	<b>3,236</b>	<b>809,120</b>	<b>82,046</b>	

**Chart 2.2: Devices Destroyed:**





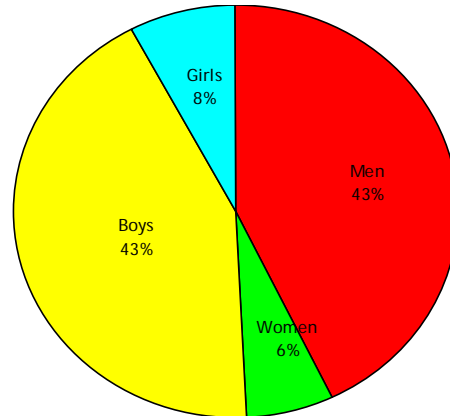
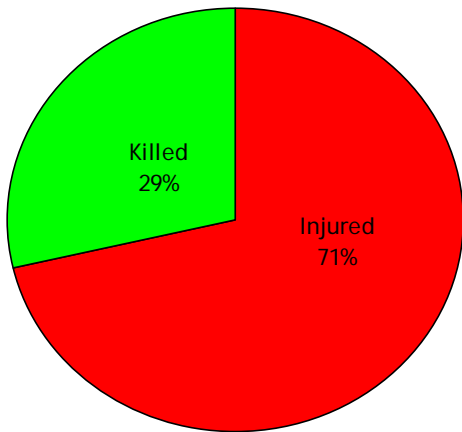
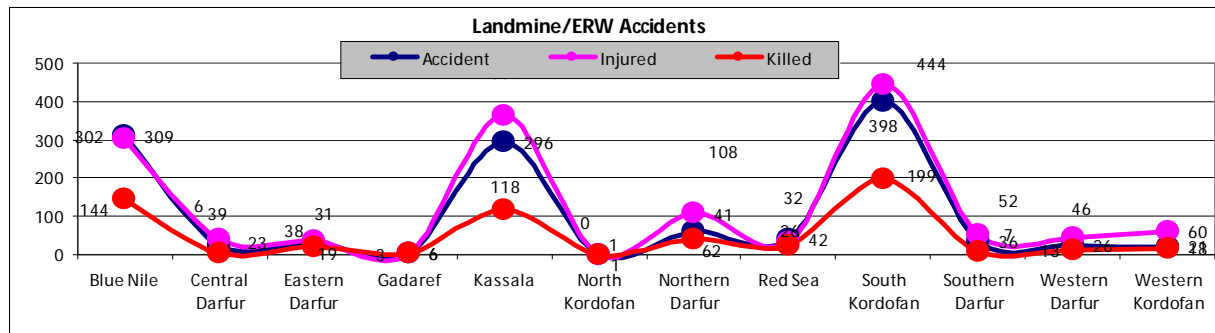
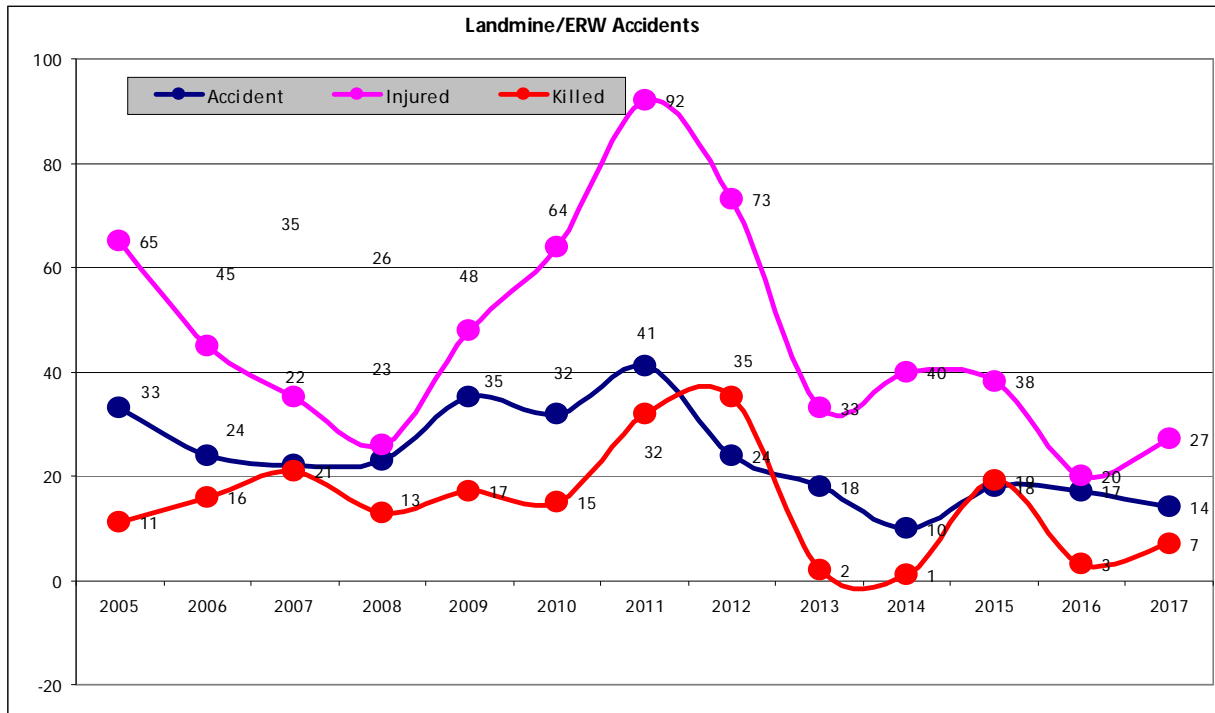
**Table 2.5: Casualties by States:**

Period	State	Killed						Injured						Total
		Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2017	Blue Nile	0	0	1	0	0	1	1	0	1	0	0	2	3
	Central Darfur	0	0	0	0	2	2	1	0	8	0	0	9	11
	Eastern Darfur	0	0	1	1	0	2	0	0	2	1	0	3	5
	Northern Darfur	0	0	0	0	0	0	6	0	1	0	0	7	7
	Southern Darfur	0	0	1	0	0	1	0	0	3	0	0	3	4
	Western Darfur	1	0	0	0	0	1	0	0	3	0	0	3	4
	<b>Total</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>0</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>27</b>	<b>34</b>
Total	Blue Nile	83	1	29	2	29	144	182	15	52	3	50	302	446
	Central Darfur	0	0	4	0	2	6	6	6	21	5	1	39	45
	Eastern Darfur	3	2	9	3	2	19	9	0	20	6	3	38	57
	Gadaref	1	0	1	0	1	3	4	0	1	0	1	6	9
	Kassala	79	8	18	4	9	118	250	14	53	7	40	364	482
	North Kordofan	1	0	0	0	0	1	0	0	0	0	0	0	1
	Northern Darfur	5	1	25	3	7	41	23	3	49	11	22	108	149
	Red Sea	14	3	6	1	2	26	25	0	3	1	3	32	58
	South Kordofan	60	10	25	12	92	199	190	19	54	12	169	444	643
	Southern Darfur	1	1	2	1	2	7	3	2	38	6	3	52	59
	Western Darfur	2	1	10	0	0	13	15	0	18	8	5	46	59
	Western Kordofan	7	3	2	0	6	18	16	1	2	0	41	60	78
<b>Total</b>	<b>256</b>	<b>30</b>	<b>131</b>	<b>26</b>	<b>152</b>	<b>595</b>	<b>723</b>	<b>60</b>	<b>311</b>	<b>59</b>	<b>338</b>	<b>1,491</b>	<b>2,086</b>	

**Table 2.6: Casualties by Year:**

Year	Killed						Injured						Total
	Men	Women	Boys	Girls	Not Specified	Total	Men	Women	Boys	Girls	Not Specified	Total	
2005	3	0	6	0	2	11	20	1	12	1	31	65	76
2006	5	1	4	1	5	16	21	0	13	1	10	45	61
2007	0	2	14	3	2	21	4	0	14	5	12	35	56
2008	3	2	7	0	1	13	9	1	11	2	3	26	39
2009	3	0	10	0	4	17	7	2	20	8	11	48	65
2010	6	1	5	2	1	15	28	1	24	6	5	64	79
2011	25	2	5	0	0	32	49	4	19	5	15	92	124
2012	7	2	15	2	9	35	23	3	15	0	32	73	108
2013	1	0	0	0	1	2	7	6	16	4	0	33	35
2014	1	0	0	0	0	1	25	7	7	1	0	40	41
2015	5	0	5	0	9	19	6	2	19	3	8	38	57
2016	0	0	2	1	0	3	3	3	9	2	3	20	23
2017	1	0	3	1	2	7	8	0	18	1	0	27	34
<b>Total</b>	<b>60</b>	<b>10</b>	<b>76</b>	<b>10</b>	<b>36</b>	<b>192</b>	<b>210</b>	<b>30</b>	<b>197</b>	<b>39</b>	<b>130</b>	<b>606</b>	<b>798</b>

**Chart 2.3: Casualties:**



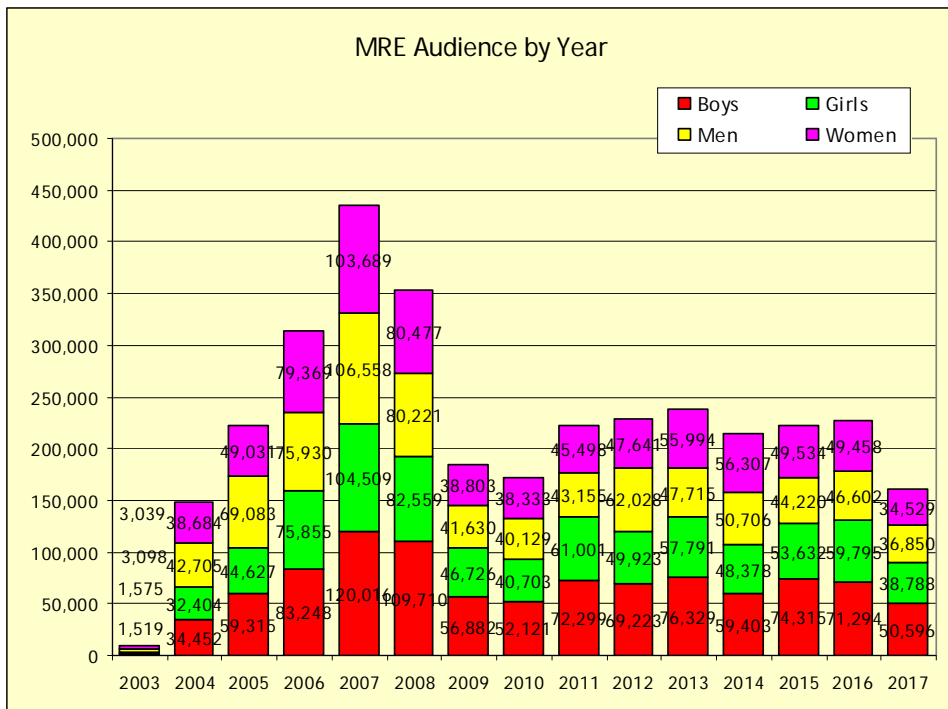
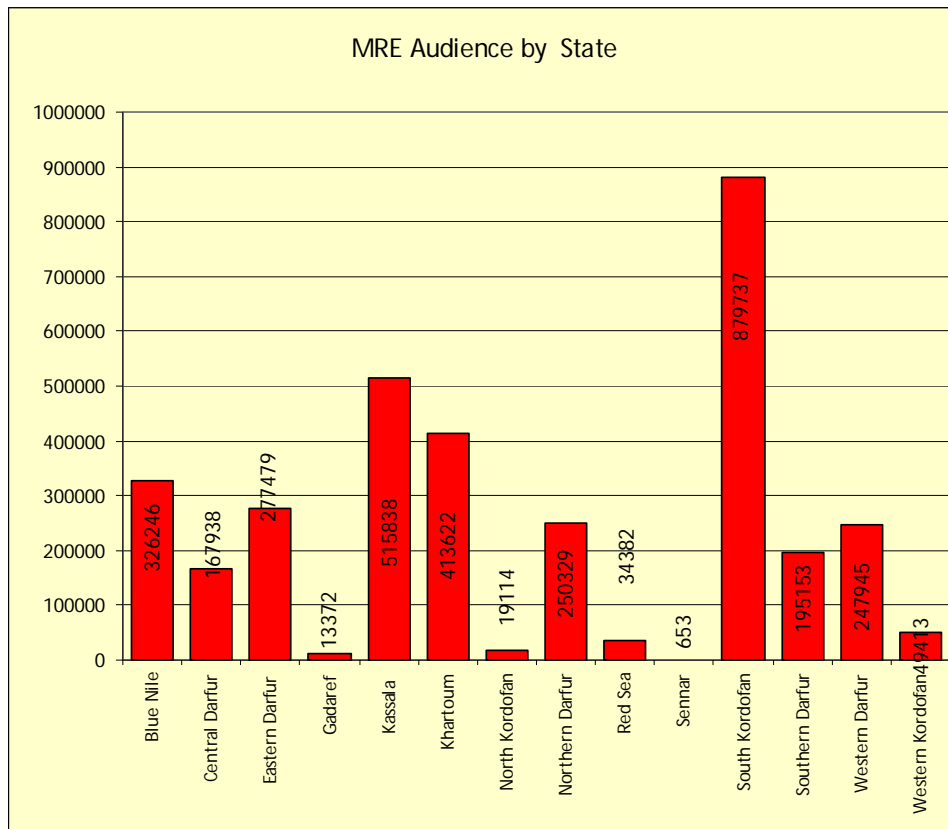
**Table 2.7: MRE by State:**

Period	State	Boys	Girls	Men	Women	Not Specified	Total
October	Blue Nile	580	501	948	1,001	0	3,030
	Eastern Darfur	150	102	220	67	0	539
	Kassala	81	134	729	305	0	1,249
	Western Darfur	250	124	680	390	0	1,444
	<b>Total</b>	<b>1,061</b>	<b>861</b>	<b>2,577</b>	<b>1,763</b>	<b>0</b>	<b>6,262</b>
2017	Blue Nile	953	917	1,394	1,563	0	4,827
	Central Darfur	16,388	12,957	2,934	6,966	0	39,245
	Eastern Darfur	9,536	8,977	12,110	6,614	0	37,237
	Kassala	2,107	1,281	3,361	1,999	0	8,748
	Northern Darfur	5,940	3,968	4,255	6,176	0	20,339
	Southern Darfur	6,471	6,242	5,601	6,100	0	24,414
	Western Darfur	9,201	4,446	7,195	5,111	0	25,953
	<b>Total</b>	<b>50,596</b>	<b>38,788</b>	<b>36,850</b>	<b>34,529</b>	<b>0</b>	<b>160,763</b>
Total	Blue Nile	88,474	81,542	76,334	78,892	1,004	326,246
	Central Darfur	63,146	48,513	23,457	32,823	0	167,938
	Eastern Darfur	79,185	63,556	67,212	66,956	571	277,479
	Gadaref	3,021	1,749	5,227	3,377	0	13,372
	Kassala	146,887	88,992	166,432	111,674	1,854	515,838
	Khartoum	100,665	83,569	86,725	79,242	63,421	413,622
	North Kordofan	6,802	6,754	2,512	3,046	0	19,114
	Northern Darfur	84,230	68,300	38,385	59,414	0	250,329
	Red Sea	11,309	7,686	7,556	7,750	81	34,382
	Sennar	145	112	124	272	0	653
	South Kordofan	215,278	194,331	180,600	168,193	121,335	879,737
	Southern Darfur	63,862	45,461	35,592	50,238	0	195,153
	Western Darfur	77,595	62,302	53,396	54,652	0	247,945
	Western Kordofan	11,567	10,319	11,085	11,451	4,992	49,413
	White Nile	38,555	35,084	35,992	42,408	10,554	162,592
<b>Total</b>	<b>990,720</b>	<b>798,267</b>	<b>790,628</b>	<b>770,385</b>	<b>203,812</b>	<b>3,553,813</b>	

**Table 2.8: MRE by Year:**

Period	Boys	Girls	Men	Women	Not Specified	Total
2003	1,519	1,575	3,098	3,039	3,552	12,783
2004	34,452	32,404	42,705	38,684	23,489	171,734
2005	59,315	44,627	69,083	49,031	122,320	344,376
2006	83,248	75,855	75,930	79,369	53,490	367,892
2007	120,016	104,509	106,558	103,689	413	435,185
2008	109,710	82,559	80,221	80,477	0	352,966
2009	56,882	46,726	41,630	38,803	0	184,040
2010	52,121	40,703	40,129	38,333	347	171,633
2011	72,299	61,001	43,155	45,498	84	222,036
2012	69,223	49,923	62,028	47,641	117	228,932
2013	76,329	57,791	47,715	55,994	0	237,829
2014	59,403	48,378	50,706	56,307	0	214,794
2015	74,315	53,632	44,220	49,534	0	221,701
2016	71,294	59,795	46,602	49,458	0	227,149
2017	50,596	38,788	36,850	34,529	0	160,763
<b>Total</b>	<b>990,720</b>	<b>798,267</b>	<b>790,628</b>	<b>770,385</b>	<b>203,812</b>	<b>3,553,813</b>

**Chart 2.4: MRE Audience:**



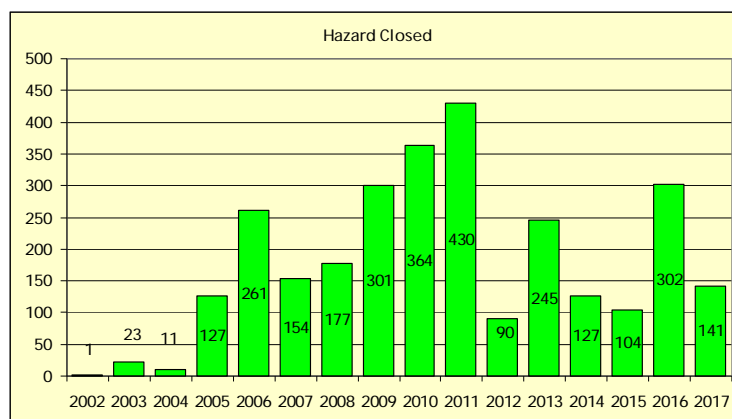
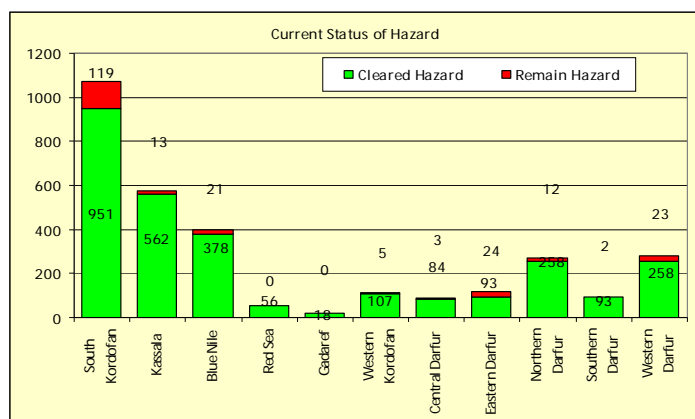
**Table 2.9: Hazard Registered, Closed and Open by State:**

State	Registered				Cleared				Open			
	DA	SHA	MF	Total	DA	SHA	MF	Total	DA	SHA	MF	Total
South Kordofan	840	98	132	1070	813	54	84	951	27	44	48	119
Kassala	425	49	101	575	414	49	99	562	11	0	2	13
Blue Nile	298	61	40	399	285	57	36	378	13	4	4	21
Red Sea	42	9	5	56	42	9	5	56	0	0	0	0
Gadaref	7	4	7	18	7	4	7	18	0	0	0	0
Western Kordofan	111	0	1	112	106	0	1	107	5	0	0	5
Central Darfur	87	0	0	87	84	0	0	84	3	0	0	3
Eastern Darfur	117	0	0	117	93	0	0	93	24	0	0	24
Northern Darfur	270	0	0	270	258	0	0	258	12	0	0	12
Southern Darfur	95	0	0	95	93	0	0	93	2	0	0	2
Western Darfur	281	0	0	281	258	0	0	258	23	0	0	23
<b>Grand Total</b>	<b>2,573</b>	<b>221</b>	<b>286</b>	<b>3,080</b>	<b>2,453</b>	<b>173</b>	<b>232</b>	<b>2,858</b>	<b>120</b>	<b>48</b>	<b>54</b>	<b>222</b>

**Table 2.10: Hazard Registered, Closed and Open by Year:**

Year	Registered				Cleared				Open			
	DA	SHA	MF	Total	DA	SHA	MF	Total	DA	SHA	MF	Total
2002	103	0	0	103	1	0	0	1	2	0	0	2
2003	31	0	0	31	23	0	0	23	1	0	0	1
2004	40	0	7	47	11	0	0	11	1	0	4	5
2005	202	0	33	235	125	0	2	127	0	6	6	12
2006	320	49	9	378	260	0	1	261	11	0	3	14
2007	189	41	24	254	130	1	23	154	1	4	1	6
2008	241	130	76	447	139	29	9	177	3	14	27	44
2009	93	1	34	128	257	36	8	301	4	24	2	30
2010	196	0	29	225	285	25	54	364	7	0	1	8
2011	280	0	23	303	316	37	77	430	19	0	8	27
2012	66	0	5	71	79	3	8	90	1	0	0	1
2013	206	0	22	228	207	23	15	245	6	0	0	6
2014	78	0	6	84	111	3	13	127	3	0	0	3
2015	100	0	11	111	96	2	6	104	5	0	0	5
2016	284	0	2	286	282	10	10	302	16	0	0	16
2017	144	0	5	149	131	4	6	141	40	0	2	42
<b>Grand Total</b>	<b>2,573</b>	<b>221</b>	<b>286</b>	<b>3,080</b>	<b>2,453</b>	<b>173</b>	<b>232</b>	<b>2,858</b>	<b>120</b>	<b>48</b>	<b>54</b>	<b>222</b>

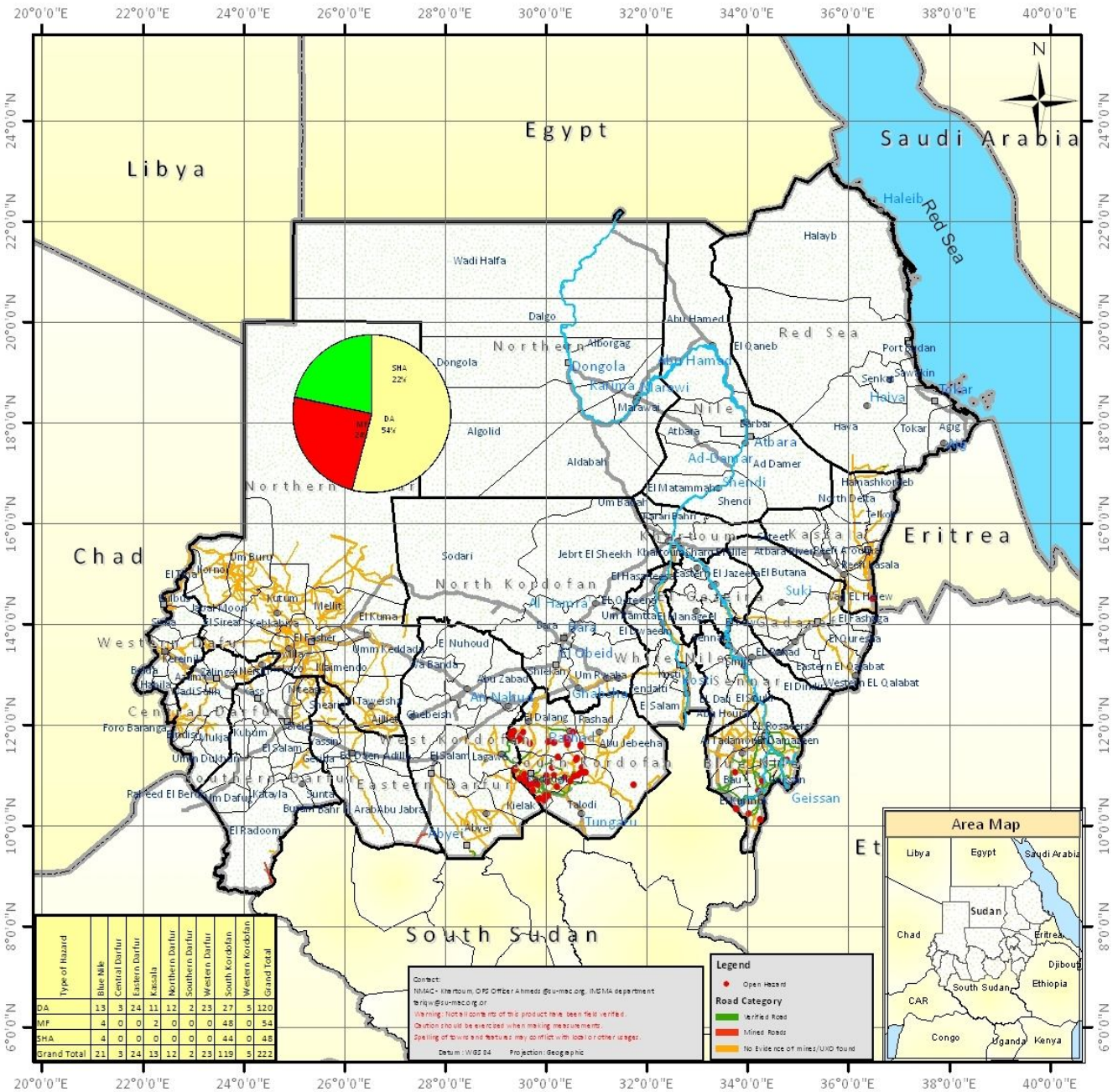
**Chart 2.5: Status of Hazard:**





# Landmine/ERW Threat Map - Sudan

As of October 2017



Type of Hazard	Blue Nile	Central Darfur	Eastern Darfur	Kassala	Northern Darfur	Southern Darfur	Western Darfur	South Kordofan	Western Kordofan	Grand Total
DA	13	3	24	11	112	12	23	27	16	120
MF	4	0	0	2	0	0	0	48	0	54
SMA	4	0	0	0	0	0	0	44	0	48
<b>Grand Total</b>	<b>21</b>	<b>3</b>	<b>24</b>	<b>13</b>	<b>122</b>	<b>12</b>	<b>23</b>	<b>119</b>	<b>16</b>	<b>222</b>

Contact:  
 NIMAC - Khartoum, OPS Officer Ahmed @nimac.org, IIGMA department  
 Email: @nimac.org  
 Warning: Final contents of this product have been field verified.  
 Questionable features are enclosed within dashed rectangles.  
 Spelling of place and feature names may conflict with local or other usages.  
 Datum: WGS 84 Projection: Geographic

**Legend**

- Open Hazard
- Road Category
  - Verified Road
  - Mined Roads
  - No Evidence of mines/ERW found