

The Impact of Drone Strikes in Pakistan

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December 4, 2014

Abstract

This paper provides a quantitative analysis of data on the CIA's drone war in the tribal areas of Pakistan. Our unique database, Pakistan Drone Count (PDC),³ combines data from Pakistan Body Count⁴ with information from newspapers, media reports, think tank analyses, and personal contacts in media and law enforcement agencies. We provide a count of the number of people killed and injured in drone strikes, including those who died later in hospitals or homes due to injuries caused or aggravated by the strikes, making PDC the most comprehensive current source for drone-related data in the region. The relationship between drone strikes and suicide bombing by militants in Pakistan is also assessed, as are questions of the efficacy of drone warfare. The paper concludes with recommendations for the acknowledgement, registration and compensation of civilians harmed in this conflict.

Introduction

The United States has targeted militants in the Federally Administered Tribal Areas [FATA] and the province of Khyber Pakhtunkhwa [KPK] in Pakistan via its Predator and Reaper drone strikes since 2004. The Central Intelligence Agency [CIA] and the Joint Special Operations Command [JSOC] run this program.

Although drone strikes are used by the US in lieu of deploying troops on the ground, legal and political problems plague drone warfare. Drone attacks are rejected by a variety of legal entities because they kill without declaration of war and without trial. Covert drone operations are also condemned because affected civilians are left with nowhere to turn to for justice and compensation.⁵

Though data sources, including reports from the Pakistan government, are imprecise and often miss or inaccurately report information, several organizations have kept statistics on the impact of the drone war in the tribal areas of Pakistan. The New America Foundation [NAF] suggests that between 2004 and 2014, there have been a total of 388 strikes, with the total death toll between 2,184 to 3,559, of which 258 to 307 are marked as civilian casualties and 199-334 as unknown as either civilians or militants.⁶ The Bureau of Investigative Journalism [TBIJ] reports 401 drone strikes for the same period, with the number of killed between 2,383 and 3,858, and the civilian casualty count between 416 and 957, in addition to between 168 and 202 children.⁷

In order to fill this information gap about the impact of the drone war, this paper describes the frequency and intensity (death toll) of the drone strikes in Pakistan. The average number of victims per drone strike and the percentage of attacks victimizing women and children is calculated. The data categorizes the victims as Pakistani civilians, foreigners, Al-Qaeda militants and members of the Taliban (the members of Tehrik-e-Taliban Pakistan or any other militant outfit).⁸

The correlation between drone strikes and suicide bombing in Pakistan is also calculated. We encourage relevant agencies to acknowledge, register, and compensate the families of civilians killed and injured in suicide bombing.

The inception

When the Taliban leader Mullah Omar turned down his request to hand over Arab Mujahidin after 9/11, President Bush declared there to be no difference between the Taliban and Al-Qaeda and that he would hit them without distinction.⁹ Operation Enduring Freedom started on October 7, 2001, and by November 2001, the US had taken over Mizar Sharif – a holy place for the Taliban - with the assistance of Uzbek fighters.¹⁰ A few days later, the Northern Alliance took over Kabul. As the circle tightened, bin Laden had no choice but to move near the Pakistan border.¹¹

The US pressured Pakistan's President Musharraf to apprehend the Al-Qaeda and Taliban members who were simultaneously crossing the border. Pakistan's military started a ground offensive in October 2003, when 2,500 commandoes were airlifted into South Waziristan, with a dozen helicopter gunships.¹² This broke the agreement Pakistan had made with the Wazirs in 2002, at which time the *Mashars* (tribal elders) warned the army that any operation in Waziristan would be considered a war against Pashtuns.¹³ Nek Muhammad, a former Mujahid in Afghan Jihad, surfaced as the militant's leader to avenge Pakistan for the 2003 attack.

Muhammad allegedly attacked NATO supplies on route to Afghanistan and provided refuge to foreign militants in mountainous Waziristan. President Musharraf named him an "enemy of state."¹⁴ The Pakistani military attacked Muhammad's hometown in March 2004, and suffered heavy casualties. Recognizing Muhammad's strength, the military negotiated a truce with him.¹⁵ The first drone strike that echoed near Wana in South Waziristan in June 2004 killed Muhammad. While the Pakistani military later took responsibility for his execution, news reports suggest he was killed by that first US drone attack.¹⁶

The violence continued after this.¹⁷ In 2006, the Waziristan Accord was signed between the government of Pakistan, members of Taliban and the Wazir *Mashars*, in North Waziristan. The pact did not stop the military from expanding its operation in the tribal areas. During this time, many militant figures emerged from Waziristan.

The US continued to target the west side of the Durand line, and the non-

insurgent Pashtun tribes on both the west and east sides of this ill-defined border linked up with the rebels who had already taken up arms against the US and NATO forces in Kabul. While these tribal people coalesced, a coterie, Tehrik-e-Taliban Pakistan (TTP) began to take shape in Swat (a city in northwestern Pakistan) in 2007. Their aim was to bring Shariah Law to Pakistan, and they would soon become the deadliest organization in Pakistan.¹⁸

Data analysis

The US drone operation in Pakistan has mostly straddled part of the buffer zone between Afghanistan and Pakistan (Figure 1). In May 2013, the Peshawar High Court [PHC] ruled that US drone strikes in Pakistan were illegal and a violation of basic human rights and conditions of the Geneva Conventions.¹⁹

The identity of those killed and injured is a major question in counts of casualties due to drone strikes. Western media or agencies that run the drone strike operation assume that drone victims are guilty – i.e. militants -- until proven innocent.

However, in the database used for this analysis, the criteria for categorizing the dead is the opposite: if no evidence of a particular group affiliation is found, the dead or injured are counted as civilians. Media reports often state that “many” were killed and “several” injured, with confirmation of the exact number taking several days to months. The process involves communicating with local officials, hospital staff, or even neighbors. However, because of this lengthy process, the records of people who die later at hospitals or homes, after being counted injured, should be and are included in our database. This is the prime reason why the count in this database is larger than any other.

Figure 1: Map of the Federally Administered Tribal Areas of Pakistan



Religious, political and cultural biases also present challenges to reporting accurate death counts. For example, if a drone strike kills more civilians but the Pakistani government wants to please the US, pro-government journalists may reduce casualty counts or even hide a strike by not filing or publishing a report. Parsing through these biases is hard work. It is also necessary to make sure that local people help to evaluate diverse sources of information on the drone attacks and their casualties.

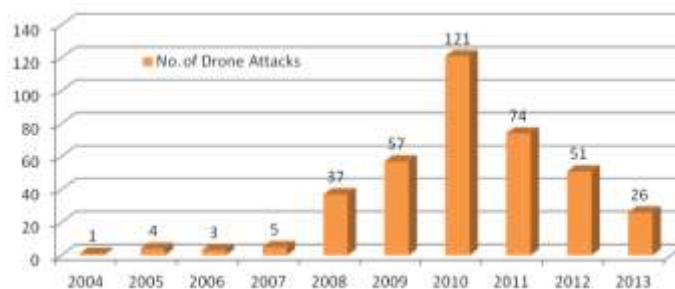
The numbers on drone warfare in Pakistan

There have been a total of 379 drone attacks in Pakistan from 2004 to 2013. So far, 3,597 people have been killed, and 1,357 injured, with an average of 10 victims per attack. The frequency and intensity (death toll) of drone attacks each year is given in Table 1. Figure 2 plots the frequency of attacks each year.

Table 1: Number of Drone Attacks and Deaths in Pakistan (2004 - 2013)

<i>Year</i>	<i>Drone Attacks</i>	<i>Killed</i>
2004	1	5
2005	4	16
2006	3	118
2007	5	84
2008	37	383
2009	57	739
2010	121	1,049
2011	74	671
2012	51	378
2013	26	154
TOTAL	379	3,597

Figure 2: Number of Drone Attacks in Pakistan (2004 - 2013)

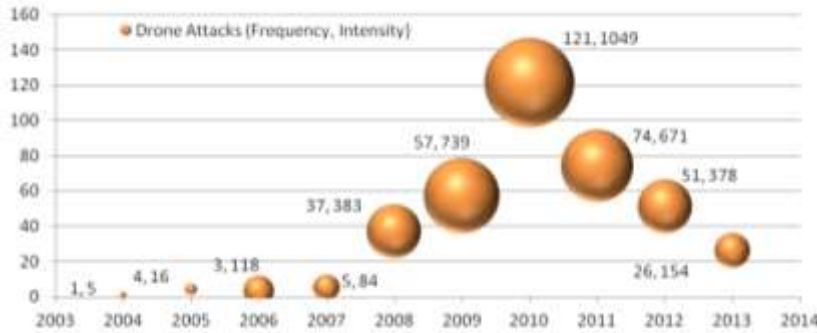


Almost 97% of the total number of strikes took place between 2008 and

2013. On average, this equates to a drone strike every sixth day for these six years. The number of strikes peaked in 2010, at 121 drone strikes, or on average, a drone strike on every third day.

Figure 3 shows the frequency of drone strikes along with the intensity,²⁰ for each year since 2004.

Figure 3: Drone Attacks in Pakistan: Frequency & Intensity (2004 - 2013)



The percentage distribution of drone strikes in Islamic months is given in Figure 4. The Islamic month of Shawwal has witnessed the most drone strikes (approximately 13% of the total strikes). The month of Shawwal has its importance in an Islamic society because its beginning is marked with the biggest festival of the year, *Eid-ul-Fitr*.

Figure 4: Percentage of Attacks by Islamic Months (2004 - 2013)

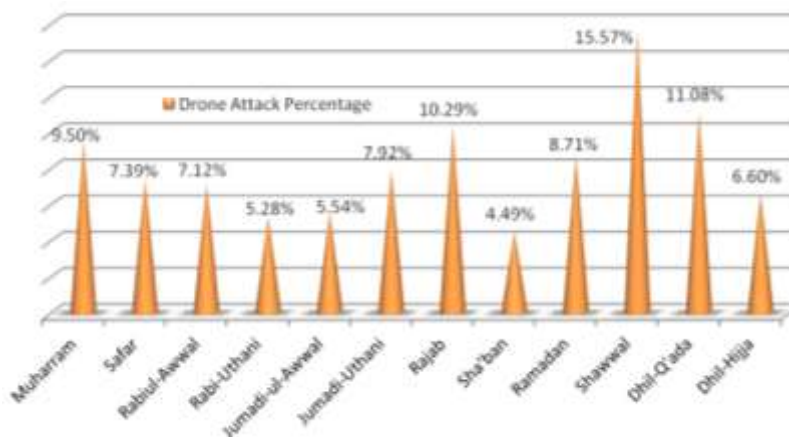


Figure 5 shows the categories of people killed in drone strikes in Pakistan since 2004. About 2,604 civilians have been killed in this drone operation, or 72% of those killed so far. Only 2% of the drone targets have been members of the Al-Qaeda outfit, while 15% of the targeted militants were Taliban (Tehrik-e-Taliban Pakistan and other militant outfits combined).

Figure 5: Drone Attack Casualties (2004 - 2013)

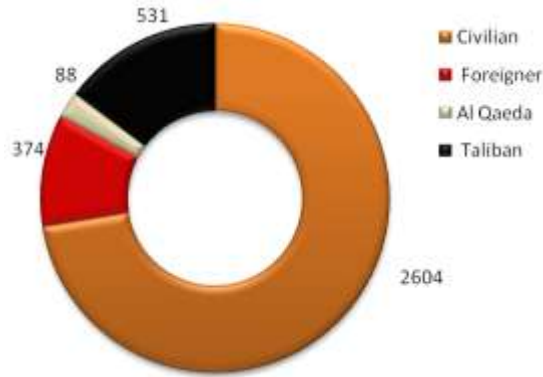
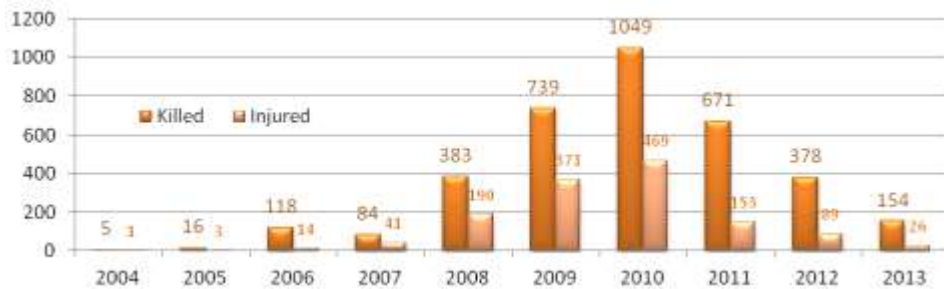


Figure 6 gives the headcount for the dead and the injured. The dead to injured ratio in this drone war has been 2.5 to 1.

Figure 6: Killed vs. Injured in Drone Attacks in Pakistan (2004 -2013)

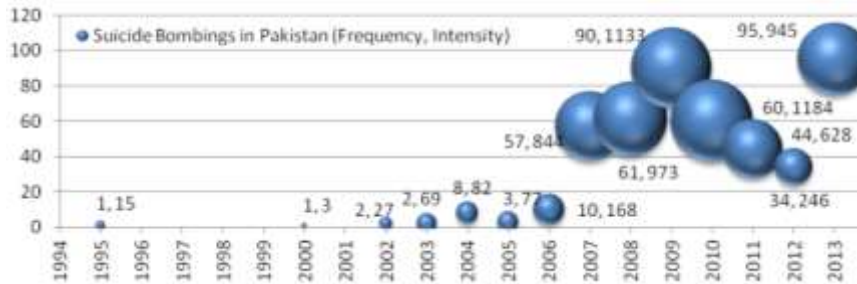


Drone injuries are catastrophic ones. Wounded survivors of drone attacks have often lost limbs and are usually left with intense and unmanaged pain, and some desire death.²¹ Those who survive with severe disabilities face a difficult situation given lack of accommodation for people with disabilities in Pakistan. FATA is an extremely difficult terrain for a disabled person.²² A walk out for the morning *naan* (traditional bread) may require navigating through a twisty mud track, with regular dips and bumps. The traditional mud houses of the area themselves have a mud floored *haweli* (an open-air area onto which all the rooms usually open up). A person with a leg amputation cannot use a regular wheel chair, go to school or hospital, or even use a toilet on his own.²³ Disability of the primary breadwinner can change the course of life for an entire family, since most village jobs are physical ones.

Relationship between drone strikes and suicide bombing in Pakistan

Regardless of where one lives in Pakistan, suicide bombings have hit close to home. Having grown so accustomed to suicide bombings, most Pakistanis feel they always existed. But, in fact, they are a recent phenomenon.

Figure 7: Suicide Bombing: Frequency & Intensity (1994 - 2013)



Suicide bombing became a major concern in Pakistan only a decade ago, and has killed more than 6,500 people in the country thus far. Figure 7 shows suicide bombing’s frequency – that is, the number of bombing events -- and intensity – that is, the number of people who have been killed -- in Pakistan in the last two decades.

It is important to consider the potential relationships between drone strikes and suicide bombing. Suicide bombing is the weapon that some opposition fighters in Pakistan have used in their struggle with the government and its law enforcement agencies although most of the victims are civilians.

In a number of cases, suicide bombings are described as retaliation for drone strikes. When Baitullah Mehsud, the then-leader of the Tehrik-i-Taliban Pakistan (TTP), was killed in a drone strike, his successor, Hakimullah Mehsud, sent a suicide bomber into a CIA base on the Pakistan-Afghan border, killing seven CIA officers.²⁴

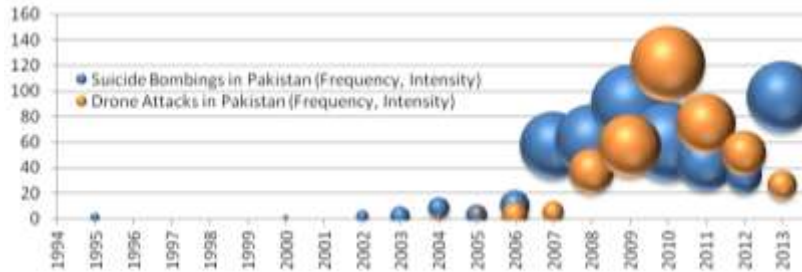
Later, when Hakimullah Mehsud was killed in another drone strike, Azam Tariq (a TTP spokesman) warned that each drop of Hakimullah’s blood would turn into a suicide bomber.²⁵ In June 2014, a member of the Pakistani Taliban described an attack on the Jinnah International Airport of Karachi as revenge for Hakimullah’s death, stating, “As long as we are breathing, our attacks will be continuing, till the end of our lives.”²⁶

Suicide bombers have also retaliated against the Pakistani military after it has carried out offensives in FATA.²⁷ Taking responsibility for another suicide bombing, Shahidullah Shahid (TTP spokesman) declared the attack an act of retaliation against Pakistan’s military campaign, as well as a US drone strike that killed Waliur Rehman, a senior TTP commander.²⁸ The suicide bombing that killed 80 people in Shabqadar, Charsadda district, was declared as the Taliban’s revenge for Osama bin Laden’s death.²⁹

Figure 8 compares the pattern of drone attacks with that of suicide bombing

in Pakistan.

Figure 8: Drone Attacks and Suicide Bombing in Pakistan: Frequency & Intensity (1994 - 2013)



The problem of drone warfare

While drone technology may be able to reduce a building to a debris field, while leaving the one next to it standing, it is still imprecise. The drone approach that identifies a target via a signature profile, for example, can mistake common civilians for terrorists. Mir Ahmed, an innocent Afghan citizen, was torn to pieces because he was unusually tall, like Osama bin Laden. The drone pilots decided to execute Ahmed themselves, and several other villagers were also killed in the process.³⁰ Pilots have also killed unintended individuals by erroneously targeting traditional tribal gatherings.

A former JSOC drone operator, Brandon Bryant, noted that Pakistan lacked strong human intelligence on the ground. Fatal errors occur as a result, particularly as the potential targets now maneuver to outwit the military’s signal intelligence,³¹ which is currently the most common source used in drone hits.³² A targeted cellphone, for example, could be exchanged with an uninvolved family member or friend, or could be deliberately left somewhere. Targeting the cellphone location on the assumption that the correct person is holding it makes civilians vulnerable.

The regular buzzing sound of drones overhead in FATA has created psychological problems in children and adults.³³ Drone strikes have been linked with a rise in anxiety, depression, and other mental health conditions among Pakistanis.³⁴ Once common gatherings outside on warm summer nights are now rare. People are afraid to congregate in groups of more than three people. Even the extended family form, common in Pashtun society, has been under siege as people avoid sitting in the same room.

If civilians are not hit by a drone strike, many are tormented and killed by the militants, who arbitrarily blame some civilian(s) for being CIA informants after each strike.

Moreover, the CIA and JSOC have killed a number of “high value targets,” but the majority of the drone targets have been simply rank and file soldiers. The US Ambassador to Pakistan himself has remarked that the strikes were now killing

mere “Taliban foot soldiers.”³⁵ Although the drone operation is designed to take out the maximum number of enemy fighters, it ignores the fact that taking out the leader of a militant outfit is not an effective strategy: another militant will take his place. Moreover, when innocent civilians are killed, and do not get acknowledged or compensated, there is a higher chance that their kin will join a militant group to avenge their deaths.

When the region of Pakistan along the Afghanistan border became a haven for militants fleeing US and NATO forces in Afghanistan, the US began to use drones to target militants inside Pakistan. More than 9,000 civilians have been killed and 10,000 injured in drone strikes and suicide bombings that are often conducted in response to these strikes.

If the intensity of drone attacks and suicide bombing is analyzed from year 2007 to year 2009, 94% of the time, 15 civilians died (either by suicide bombing or a drone strike) for every one terrorist killed by a drone strike. From year 2010 to year 2012, eight civilians were killed for every one terrorist.

President Obama has called the presence of Al-Qaeda in the border areas of Pakistan a cancer, at the same time urging Pakistan to fight the cancer of extremism.³⁶ In light of the data presented in this paper, we should question the appropriateness of this metaphor: Do the ills that plague Pakistan not include drone warfare and its deadly effects on civilians, for whose deaths no one has been held accountable?

Appendix: Pakistan Drone Count

No.	Incident Date	Islamic Date	Location	Agency	Al-Qaeda	Taliban	Civilian	Foreigner	Killed	Injured	Time of Attack
1	Friday, June 18, 2004	جمادى الأولى 01	House near Wana	SWA		1	0 4		5	1	N 10:00 PM
2	Sunday, May 08, 2005	ربيع الأول 29	Toorikhel	NWA	1		0 1		2		N
3	Monday, May 16, 2005	ربيع الثاني 07	Mosaki	NWA	1		0 0		1		N
4	Saturday, November 05, 2005	شوال 03	House in Mir Ali	NWA			0 8		8	1	Y
5	Thursday, December 01, 2005	شوال 29	House in Haisori, Miranshah	NWA	1		0 1	3	5	2	1:45 AM
6	Friday, January 06, 2006	ذو الحجة 06	Saidgai Village, 115km north of Wana	NWA			8 18		8 18	2 9	Y
7	Friday, January 13, 2006	ذو الحجة 13	Residential Compound in Damadola Village	BA			13 18		13 18	2	Y
8	Monday, October 30, 2006	شوال 08	Seminary in Chenagai	BA			80 82		80 82	3	Y 5:00 AM
9	Tuesday, January 16, 2007	ذو الحجة 27	Zamazola	BA			20 30		20 30	10	N 6:55 AM
10	Friday, April 27, 2007	ربيع الثاني 10	House in Saidgai Village	NWA			2 2	2	2 4	2 3	3:30 AM
11	Tuesday, June 19, 2007	جمادى الثانية 04	Madrassa in MamiRogha, Dattakhel	NWA			3 22	17 18	20 40	10 15	Y 10:00 AM
12	Friday, November 02, 2007	شوال 22	Compound near Madrassa in Dandey darpakhel, Miranshah	NWA			5 8	2	5 10	6 12	1:30 PM
13	Monday, December 03, 2007	ذو القعدة 24	Janikhel	FRB			0 0			1	
14	Tuesday, January 29, 2008	محرم 21	Khushali Village	NWA	1	12	0 13		26	2	Y
15	Thursday, February 28, 2008	صفر 21	Compound in Kalosha	SWA	5 3		0 3	3 6	8 12	2	2:00 AM
16	Sunday, March 16, 2008	ربيع الأول 09	Dhok Pirbagh, Wana	SWA			8 20		8 20	5	Morning

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36	Thursday, October 23, 2008	شوال 23	Danday Darpakhel, Miranshah	NWA	F					4	10			4	10	3	6		Morning
37	Sunday, October 26, 2008	شوال 26	Compound in Mandatta, Wana	SWA	F					18	20			18	20		2	Y	Night
38	Friday, October 31, 2008	ذو القعدة 02	House and Vehicle in Asori Village, Wana	NWA	F	1	2			0	20	3	6	4	28			Y	Night
39	Friday, October 31, 2008	ذو القعدة 02	House in Doug, Wana	SWA	F					1	12			1	12	1	2		
40	Friday, November 07, 2008	ذو القعدة 09	House in Kumsham, Miranshah	NWA	F	5	7	1	0	1	5	5	10	14			17		Morning
41	Friday, November 14, 2008	ذو القعدة 16	House in Miranshah	NWA	F					3	4	8	9	11	13	2	7		
42	Wednesday, November 19, 2008	ذو القعدة 21	House in Janikhel, Bannu	FRB	F		1			1	1	2	4	3	6	5	7		Night
43	Saturday, November 22, 2008	ذو القعدة 24	House in AliKhel, Miranshah	NWA	F		3			4	2			4	5	3	6	Y	4:00 AM
44	Thursday, November 27, 2008	ذو القعدة 29	Militants' Vehicle in Tiraza, Wana	SWA	F			3	0	0			2		5				
45	Saturday, November 29, 2008	ذو الحجة 01	House in Chashma, Miranshah	NWA	F					2	3			2	3	2	3	Y	11:00 AM
46	Friday, December 05, 2008	ذو الحجة 07	House in Khushal Torikhel, Miranshah	NWA	F					3	6			3	6		3		
47	Thursday, December 11, 2008	ذو الحجة 13	House in Azam Warsak	SWA	F					6	7			6	7				
48	Monday, December 15, 2008	ذو الحجة 17	House in Tappi Tolkhel, Miranshah	NWA	F					2	3			2	3		3		Night
49	Monday, December 22, 2008	ذو الحجة 24	House and Vehicle in Ghawakhawa, Wana	SWA	F					3	7			3	7		5		
50	Monday, December 22, 2008	ذو الحجة 24	Vehicle in Azam Warsak, Near Wana	SWA	F					2	5			2	5		4		
51	Thursday, January 01, 2009	محرم 05	House and Vehicle in Karrkot, Wanna	SWA	F		3	5	0	0				3	5	1	2	N	
52	Friday, January 02, 2009	محرم 06	School in Laddha	SWA	F		3	4	0	0				3	4	2	5	N	10:00 AM
53	Friday, January 23, 2009	محرم 27	House in Mir Ali	NWA	F					0	5	5	5	5	10			N	5:00 PM
54	Friday, January 23, 2009	محرم 27	House in Karezkot, Wana	SWA	F					0	12				12			Y	

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55	Saturday, February 14, 2009	19 صفر	House in Malak Khel, Laddha	SWA	F					2	6	8		25	6	35	8	9	Y	
56	Monday, February 16, 2009	21 صفر	Taliban Camp in Kurram	KA	F						15	22		8	15	30	3	20	N	Morning
57	Sunday, March 01, 2009	ربيع الأول 05	House in Sararogha	SWA	F					5	8	3		4	8	12		14	Y	
58	Thursday, March 12, 2009	ربيع الأول 16	Taliban Training Camp, Barjo	KA	F				14	24	0	0			14	24		30	N	Night
59	Sunday, March 15, 2009	ربيع الأول 19	House in Janikhel	FRB	F					1	3	1		2	2	5			N	Night
60	Wednesday, March 25, 2009	ربيع الأول 29	House and Vehicle in Makin	N/A	K					7	0	0		4		11		8	N	Evening
61	Thursday, March 26, 2009	ربيع الأول 30	House in Mir Ali	NWA	F					4	5			4	5			4	Y	
62	Wednesday, April 01, 2009	ربيع الثاني 06	Madrasa/House in Khadezai	OA	F					12	13			12	13	14	17	N		9:35 AM
63	Saturday, April 04, 2009	ربيع الثاني 09	House in Miranshah	NWA	F					8	13			8	13				Y	3:00 AM
64	Wednesday, April 08, 2009	ربيع الثاني 13	Vehicle in Gangi Khel, Wana	SWA	F				2	3	0	1		2	4	4	5	N		
65	Sunday, April 19, 2009	ربيع الثاني 24	House in Gangi Khel, Wana	SWA	F					3	8			3	8			5	Y	
66	Wednesday, April 29, 2009	جمادى الأ ولى 05	Vehicle in KaniGaram, Ladha	SWA	F					0	8	1	2	1	10	2	4	N		
67	Saturday, May 09, 2009	جمادى الأ ولى 15	Cave House in Sararogha	SWA	F					5	25			5	25	5	7	N		
68	Tuesday, May 12, 2009	جمادى الأ ولى 18	House in Sra Khawra	SWA	F					8	10			8	10			4	Y	Morning
69	Saturday, May 16, 2009	جمادى الأ ولى 22	Vehicle Parked at Taliban hideout in Khaisoor Area	NWA	F	1	2	24	25	8	11	1	2	34	40	2	6	N		Night
70	Sunday, June 14, 2009	جمادى ال ثانية 21	House/Vehicles in Laddha	SWA	F					0	3			2		5			N	Morning
71	Thursday, June 18, 2009	جمادى ال ثانية 25	House in Shah Alam, Wana	SWA	F					5	8			10	5	18	8	10	N	11:00 AM
72	Thursday, June 18, 2009	جمادى ال ثانية 25	Base of Taliban Commander in Raghzai Area	SWA	F					0	0									
73	Tuesday, June 23, 2009	رجب 01	Funeral Attendees in Makeen, Wana	SWA	F					45	83			45	83				N	

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74	Tuesday, June 23, 2009	01 رجب	Taliban Camp in Makeen, Wana	SWA	F						5	6			5	6		7		
75	Friday, July 03, 2009	11 رجب	Militants Camp in KokatKhel	SWA	F						10	17			10	17	25	35	N	9:00 AM
76	Friday, July 03, 2009	11 رجب	Madrassa in Manto	SWA	F						3	5			3	5				
77	Tuesday, July 07, 2009	15 رجب	Laddha	SWA	F		1				8	12	4	5	12	18	10	14	N	
78	Wednesday, July 08, 2009	16 رجب	Laddha	SWA	F						8	17			8	17	5	12	N	
79	Wednesday, July 08, 2009	16 رجب	Vehicles convoy Laddha	SWA	F			35	40	0	0				35	40				
80	Friday, July 10, 2009	18 رجب	PaindaKhel	SWA	F						3	8			3	8		3	N	
81	Friday, July 10, 2009	18 رجب	Tiarza Area	SWA	F						0	5			5	0	3			
82	Friday, July 17, 2009	25 رجب	House in Miranshah	NWA	F			4	5	0	0			4	5	4	6	N		
83	Wednesday, August 05, 2009	14 شعبان	House in Laddha	SWA	F			1	1	1	2			2	3	3	5	Y		
84	Tuesday, August 11, 2009	20 شعبان	House in Laddha	SWA	F			6	10	0	2			6	12	5	10	Y		
85	Friday, August 21, 2009	رمضان 01	Miranshah	NWA	F			3	4	6	17			9	21		3	Y		
86	Thursday, August 27, 2009	رمضان 07	Laddha	SWA	F		1				4	9			4	10	5	9	N	3:00 PM
87	Tuesday, September 08, 2009	رمضان 19	Madrassa in Mir Ali	NWA	F						4	5	1	2	5	7		7	N	
88	Wednesday, September 09, 2009	رمضان 20	Vehicle in Miranshah	NWA	F			1	2	2	4	1	2	4	8	2	4	N	6:00 AM	
89	Monday, September 14, 2009	رمضان 25	Militant hideout in Mir Ali	NWA	F						4	6		2	4	8	2	3	N	
90	Thursday, September 24, 2009	شوال 05	House in Miranshah	NWA	F						0	12			12		5	N	Night	
91	Tuesday, September 29, 2009	شوال 10	House in Sararogha	SWA	F				6	5	6			5	12	2	6	N	Afternoon	
92	Tuesday, September 29, 2009	شوال 10	House in Danda Darpakhel, Miranshah	NWA	F						4	9			4	9	2	3	N	Evening

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93	Wednesday, September 30, 2009	شوال 11	Miranshah	NWA	F						2	4	3	5	5	9	4	5	N		
94	Thursday, October 15, 2009	شوال 26	House in Danda Darpakhel	NWA	F				4	4	6				4	10	6	9	Y	Early Morning	
95	Wednesday, October 21, 2009	ذو القعدة 03	House in Spalaga	NWA	F		3			0	0				3			8	Y		
96	Saturday, October 24, 2009	ذو القعدة 06	House in Damadola	BA	F					17	19	3	11	20	30				8	N	
97	Thursday, November 05, 2009	ذو القعدة 18	Mir Ali	NWA	F					4	6				4	6			8	N	
98	Wednesday, November 18, 2009	ذو الحجة 01	Mir Ali	NWA	F					4	5				4	5	4		6	N	
99	Friday, November 20, 2009	ذو الحجة 03	House in Mir Ali	NWA	F					8	10				8	10	2		12	N	
100	Tuesday, December 08, 2009	ذو الحجة 21	Spalga	NWA	F				3	0	0				3				3	N	
101	Thursday, December 10, 2009	ذو الحجة 23	Militants Hideout in Laddha	SWA	F		4		2	0	0			4		10			8	N	
102	Thursday, December 17, 2009	محرم 01	Vehicle in Dattakhel	NWA	F					0	0									N	
103	Thursday, December 17, 2009	محرم 01	Militant Hideout in Ambar Shaga	NWA	F					12	16				12	16					
104	Friday, December 18, 2009	محرم 02	Dattakhel	NWA	F				2	5	6				5	8	5		8	Y	
105	Friday, December 18, 2009	محرم 02	Dattakhel	NWA	F				8	0	0				8	5			8		
106	Saturday, December 26, 2009	محرم 10	House in Miranshah	NWA	F					5	10		3	5	13		2		3	N	
107	Thursday, December 31, 2009	محرم 15	House in Miranshah	NWA	F					0	3				3					N	
108	Friday, January 01, 2010	محرم 16	Vehicle in Wana	NWA	F					2	3				2	3	3		4		7:45 PM
109	Sunday, January 03, 2010	محرم 18	Compound in Mosaki Village, near Mir Ali	NWA	F					2	2		3	2	5		2		4	Y	
110	Wednesday, January 06, 2010	محرم 21	Sanzalai-Dattakhel	NWA	F					15	23			2	15	25			6	Y	3:50 PM
111	Wednesday, January 06, 2010	محرم 21	House in Sanzalai, Dattakhel	NWA	F					5	9				5	9			3		

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112	Friday, January 08, 2010	23 محرم	House in Tappi Village	NWA	F					4	3	6			3	10	2	9	N	
113	Saturday, January 09, 2010	24 محرم	House in Ismail Khan	NWA	F						3	4			3	4	5	6	N	
114	Thursday, January 14, 2010	29 محرم	House in Shakoi	SWA	F			5	10	5	8			10	18	7	14	N	Morning	
115	Friday, January 15, 2010	30 محرم	House in Zanani, Mir Ali	SWA	F					3	5	16		1	5	20	3	8	N	7:30 PM
116	Friday, January 15, 2010	30 محرم	Shaktoi	SWA	F						4	6			4	6				
117	Sunday, January 17, 2010	02 صفر	House in Shaktoi	SWA	F					15	20			15	20				N	Morning
118	Tuesday, January 19, 2010	04 صفر	Compound in Booya Village	NWA	F			3	6	0	0			3	6			4	N	6:30 PM
119	Friday, January 29, 2010	14 صفر	Mohammad Khel	NWA	F					5	8		6	5	14			4	N	Early Morning
120	Tuesday, February 02, 2010	18 صفر	House in Dattakhel, Degan, Kamar	NWA	F			4	16	0	1			4	17			8	N	
121	Tuesday, February 02, 2010	18 صفر	Muhammad Khel	NWA	F					0	6				6					
122	Tuesday, February 02, 2010	18 صفر	Vehicles in Pai Khel	NWA	F					0	9				9					
123	Tuesday, February 02, 2010	18 صفر	Toor Narai	NWA	F					0	0									
124	Sunday, February 14, 2010	ربيع الأول 01	House in Mir Ali	NWA	F					2	3	2	4	4	7			4	N	
125	Monday, February 15, 2010	ربيع الأول 02	Tappi Village, 15 km east of Miranshah	NWA	F					3	4			3	4					2:00 PM
126	Wednesday, February 17, 2010	ربيع الأول 04	Taliban Hideout in Tappi Village	NWA	F				3	0	1				4			2	N	
127	Thursday, February 18, 2010	ربيع الأول 05	Militant compound in Danda Darpakhel	NWA	F		1	1	4	0	0			1	5			4	N	
128	Wednesday, February 24, 2010	ربيع الأول 11	Militant compound in Darga Mandi	NWA	F					5	10		3	5	13			6	Y	
129	Monday, March 08, 2010	ربيع الأول 23	Residential area/Hospital in Miranshah	NWA	F	3	5			0	4			3	9	2		6	N	Night
130	Wednesday, March 10, 2010	ربيع الأول 25	Vehicles in Mizar Madakhel, Miranshah	NWA	F			7	8	0	0			7	8			12	N	

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131	Wednesday, March 10, 2010	ربيع الأول 25	Rescuers of a prior attack at Mizar Madakhel	NWA	F					0	7					7			
132	Tuesday, March 16, 2010	ربيع الثاني 01	Compound in Dattakhel	NWA	F			8	10	0	1			8	11	2	7	N	
133	Wednesday, March 17, 2010	ربيع الثاني 02	Vehicle and compound in Hamzoni	NWA	F					2	3	1	2	3	5	2	4	N	
134	Wednesday, March 17, 2010	ربيع الثاني 02	House in Mada Khel	NWA	F					2	9			2	9			N	
135	Sunday, March 21, 2010	ربيع الثاني 06	Compound in Dattakhel	NWA	F					4	8			4	8		4	N	Night
136	Tuesday, March 23, 2010	ربيع الثاني 08	Miranshah	NWA	F					0	6			6	2	3	N		
137	Saturday, March 27, 2010	ربيع الثاني 12	Mir Ali	NWA	F					0	4			4		5	N		
138	Tuesday, March 30, 2010	ربيع الثاني 15	Tappi Area	NWA	F					4	6			4	6	2	6	Y	12:45 AM
139	Monday, April 12, 2010	ربيع الثاني 28	Dattakhel	NWA	F					13	14			13	14		2	N	
140	Wednesday, April 14, 2010	جمادى الأولى 01	Dattakhel	NWA	F					0	4			4	1	3	N		
141	Friday, April 16, 2010	جمادى الأولى 03	House and vehicles at Toorikhel	NWA	F			4	6	0	0			4	6		25	N	
142	Saturday, April 24, 2010	جمادى الأولى 11	Miranshah	NWA	F					5	9			5	9		8	N	
143	Monday, April 26, 2010	جمادى الأولى 13	House, Khushali Toorikhel	NWA	F			4	4	5				4	9	4	10	N	
144	Monday, May 03, 2010	جمادى الأولى 20	Vehicle in Machi Khel, Mir Ali	NWA	F			1		3	7			4	7		2	N	3:00 PM
145	Sunday, May 09, 2010	جمادى الأولى 26	House in Inzarkas, Dattakhel	NWA	F			3	4	6	7			9	11	3	4	N	8:00 AM
146	Tuesday, May 11, 2010	جمادى الأولى 28	House and vehicle in Doga, Dattakhel	NWA	F					14	15			14	15	4	8	N	
147	Tuesday, May 11, 2010	جمادى الأولى 28	Militant camp in Gurwak	NWA	F			5	7	2	7			7	14	3	4	N	
148	Saturday, May 15, 2010	جمادى ال ثانية 02	Houses (3) in Tirah Valley, Landi Kotal	KhA	F			1		8	12			8	13	2	5	N	
149	Friday, May 21, 2010	جمادى ال ثانية 08	House in Muhammad Khel	NWA	F			1	4	6	2	3		6	10	7	10	Y	

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150	Friday, May 28, 2010	جمادى ال ثانية 15	Militant Hideout in Mizai Narai	SWA	F		1		1	8	9			8	11		3	N
151	Thursday, June 10, 2010	جمادى ال ثانية 28	Khadi Village	NWA	F		3			0	0				3			N
152	Friday, June 11, 2010	جمادى ال ثانية 29	House in Bahadar Khel Village, Dattakhel	NWA	F					3	5	10	11	13	16	3	19	N
153	Saturday, June 19, 2010	رجب 08	House in Haider Khel, Mir Ali	NWA	F					13	16			13	16	7	19	N
154	Saturday, June 26, 2010	رجب 15	Khushali khel Village, Mir Ali	NWA	F					2	4			2	4	1	3	N
155	Sunday, June 27, 2010	رجب 16	Tabbi Tolkhel, 4 km north of Miranshah	NWA	F				1	2	5			2	6		6	N
156	Tuesday, June 29, 2010	رجب 18	Kari Kot	SWA	F		1		1	6	6			6	8			N
157	Thursday, July 15, 2010	شعبان 04	Misermada Khel, Miranshah	NWA	F					0	7				7			N
158	Saturday, July 24, 2010	شعبان 13	Dwasarak, 40km west of Wana	SWA	F				1	16	17			16	18		4	N
159	Sunday, July 25, 2010	شعبان 14	Shaktoi	SWA	F					4	5			4	5		5	Y
160	Sunday, July 25, 2010	شعبان 14	Shaktoi	SWA	F					3	6			3	6	4	5	Y
161	Sunday, July 25, 2010	شعبان 14	Miranshah	NWA	F					3	4			3	4		2	Y
162	Saturday, August 14, 2010	رمضان 05	Issori Village, Mir Ali	NWA	F					0	8		5		13	4	6	N
163	Saturday, August 21, 2010	رمضان 12	KutabKhel, 3km south of Miranshah	NWA	F					4	6			4	6			N
164	Monday, August 23, 2010	رمضان 14	Danday Darpa Khel, 5km from Miranshah	NWA	F				1	5	9		2	5	12	5	15	N
165	Monday, August 23, 2010	رمضان 14	Dera Mandi	NWA	F					11	20			11	20		4	
166	Friday, August 27, 2010	رمضان 18	Shaheedano, Badshah Kot, Talokonj	KA	F					6	9			6	9			11:30 PM
167	Friday, September 03, 2010	رمضان 25	Miranshah	NWA	F					8	9			8	9	2	5	N
168	Friday, September 03, 2010	رمضان 25	Dattakhel	NWA	F					2	4			2	4	2	4	N

COSTS OF WAR

169	Saturday, September 04, 2010	رمضان 26	Dattakhel	NWA	F						4	5	2	3	6	8	3	4	N	
170	Monday, September 06, 2010	رمضان 28	Khar Qamar	NWA	F						5	6			5	6		4	N	
171	Wednesday, September 08, 2010	رمضان 30	Danday darpakhel, 3 km west of Miranshah Bazar	NWA	F			6	10	0	0				6	10		2	Y	
172	Wednesday, September 08, 2010	رمضان 30	Ambor Shaga, Angoor Adda	NWA	F					0	0			4		4		1	Y	
173	Wednesday, September 08, 2010	رمضان 30	Darga Mandi, Miranshah	NWA	F					4	6				4	6		2	Y	
174	Thursday, September 09, 2010	شوال 01	Machus Camp, Miranshah	NWA	F					0	0	4	6	4	6			5		
175	Sunday, September 12, 2010	شوال 04	Newey Adda Village in Dattakhel, near Miranshah	NWA	F					2	3	1	2	3	5			2	N	Morning
176	Tuesday, September 14, 2010	شوال 06	Bush Narai	NWA	F					8	11				8	11		3	N	6:00 AM
177	Tuesday, September 14, 2010	شوال 06	KutabKhel, Miranshah	NWA	F					4	5				4	5			N	7:00 PM
178	Wednesday, September 15, 2010	شوال 07	Danday Darpa Khel, Miranshah	NWA	F					11	15				11	15	1	5	N	4:30 AM
179	Wednesday, September 15, 2010	شوال 07	Dattakhel	NWA	F					4	7				4	7		3	N	Evening
180	Sunday, September 19, 2010	شوال 11	House and vehicle in Dattakhel	NWA	F					0	5					5		3	N	
181	Monday, September 20, 2010	شوال 12	House in Dattakhel	NWA	F					5	9				5	9	3	4	N	
182	Tuesday, September 21, 2010	شوال 13	Vehicle in Khund	SWA	F					7	8				7	8		4	N	
183	Tuesday, September 21, 2010	شوال 13	Azam Warsak Village	SWA	F					5	12				5	12		8	N	
184	Tuesday, September 21, 2010	شوال 13	Azam Warsak Village	SWA	F					0	8					8				
185	Saturday, September 25, 2010	شوال 17	Vehicle in Dattakhel	NWA	F					0	4					4		4	N	
186	Sunday, September 26, 2010	شوال 18	House in Lawar Mandi, Dattakhel	NWA	F					4	5				4	5	2	4	N	
187	Sunday, September 26, 2010	شوال 18	Vehicle in the west of Miranshah	NWA	F					3	5				3	5		2		

COSTS OF WAR

188	Sunday, September 26, 2010	شوال 18	Vehicle in Sherani	NWA	F						2	3				2	3					
189	Monday, September 27, 2010	شوال 19	Khshali ToorKhel, southeast of Miranshah	NWA	F						2	4				2	4			2	N	
190	Tuesday, September 28, 2010	شوال 20	Zeba Village, Wana	SWA	F						0	4					4				N	
191	Saturday, October 02, 2010	شوال 24	Kasra madda khel in Dattakhel	NWA	F						5	6	3	4	8	10	2	4	N		10:00 AM	
192	Saturday, October 02, 2010	شوال 24	Tirmara, Dattakhel	NWA	F						7	9				7	9			N	1:30 PM	
193	Saturday, October 02, 2010	شوال 24	Kasra madda khel, Dattakhel	NWA	F						13	14	3	4	16	18	3	4	N			
194	Monday, October 04, 2010	شوال 26	Mir Ali	NWA	F						0	1	5	8	5	9			2	N		
195	Wednesday, October 06, 2010	شوال 28	Miranshah	NWA	F			5	6	0	0				5	6			2	N	5:00 PM	
196	Wednesday, October 06, 2010	شوال 28	House in Hurmaz Village, Mir Ali	NWA	F			3	5	0	0				3	5			2	N		
197	Thursday, October 07, 2010	شوال 29	Vehicle in Khaisoori, 40km east of Miranshah	NWA	F						0	2		2		4	2	3	N			
198	Friday, October 08, 2010	ذو القعدة 01	Dattakhel	NWA	F						9	10			9	10					N	
199	Sunday, October 10, 2010	ذو القعدة 03	Spinwam. Mir Ali	NWA	F						6	8			6	8	3	5	N			
200	Wednesday, October 13, 2010	ذو القعدة 06	House in Inzarkas, Dattakhel	NWA	F						0	2	3	4	3	6					N	
201	Friday, October 15, 2010	ذو القعدة 08	Machikhel Area, near Mir Ali	NWA	F			1	3	5					3	6			3	N		
202	Friday, October 15, 2010	ذو القعدة 08	Aziz Khel	NWA	F						3	6			3	6	2	3	N			
203	Monday, October 18, 2010	ذو القعدة 11	Sunzali Area, Dattakhel	NWA	F						2	3	3	4	5	7	1	5	N			
204	Wednesday, October 27, 2010	ذو القعدة 20	Spinwam. Mir Ali	NWA	F						2	5			2	5			1	N		
205	Wednesday, October 27, 2010	ذو القعدة 20	Degan, Dattakhel	NWA	F						0	0	3	4	3	4					N	
206	Thursday, October 28, 2010	ذو القعدة 21	Miranshah	NWA	F						3	4		3	3	7			2	N		

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226	Monday, December 27, 2010	21 محرم	Mir Ali	NWA	F					18	25			18	25	4	7	N
227	Tuesday, December 28, 2010	22 محرم	Ghulam Khan	NWA	F					10	15			10	15		8	N
228	Friday, December 31, 2010	25 محرم	Ghulam Khan	NWA	F					4	5			4	5		8	N
229	Saturday, January 01, 2011	26 محرم	Madi Khel	NWA	F					6	19			6	19		5	N
230	Saturday, January 01, 2011	26 محرم	Gharghuski Village near Naurak, Mir Ali	NWA	F					5	19			5	19	2	8	N
231	Saturday, January 01, 2011	26 محرم	Mohammad Khel	NWA	F					4	5			4	5			N
232	Friday, January 07, 2011	02 صفر	Ghar Laley, Miranshah	NWA	F					4	6			4	6		4	N
233	Wednesday, January 12, 2011	07 صفر	Haider Khel, Mir Ali	NWA	F					1	1		3	1	4		2	N
234	Tuesday, January 18, 2011	13 صفر	Dattakhel	NWA	F					4	7			4	7		3	N
235	Sunday, January 23, 2011	18 صفر	Dattakhel	NWA	F					3	4			3	4			N
236	Sunday, January 23, 2011	18 صفر	Dattakhel	NWA	F					2	3			2	3			
237	Sunday, January 23, 2011	18 صفر	Mando khel	NWA	F					0	6				6		3	
238	Sunday, February 20, 2011	ربيع الأول 17	Azam Warsak, west of Wana	SWA	F					4	7			4	7			N
239	Monday, February 21, 2011	ربيع الأول 18	Tappi Village, Miranshah	NWA	F					5	11			5	11	4		N
240	Monday, February 21, 2011	ربيع الأول 18	Azam Warsak, west of Wana	SWA	F					0	7				7			N
241	Thursday, February 24, 2011	ربيع الأول 21	Malik Jashdar near Mir Ali	NWA	F					4	4		2	4	6			N
242	Thursday, February 24, 2011	ربيع الأول 21	Mohammad Khel	NWA	F					3	3		2	3	5			N
243	Tuesday, March 08, 2011	ربيع الثاني 03	Dattakhel Village	NWA	F					0	5				5		2	N
244	Tuesday, March 08, 2011	ربيع الثاني 03	Landi Dag Area, 7 km south of Wana bazaar	SWA	F					4	5			4	5		2	N

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245	Friday, March 11, 2011	ربيع الثاني 06	Khaisor Town, 30km north of Miranshah	NWA	F					14	16			14	16			N
246	Sunday, March 13, 2011	ربيع الثاني 08	Esha check post, spalga Village, 15km northwest of Miranshah	NWA	F					4	6			4	6		5	N
247	Sunday, March 13, 2011	ربيع الثاني 08	Azam Warsak	SWA	F					0	0			0			0	N
248	Monday, March 14, 2011	ربيع الثاني 09	Azam Warsak	NWA	F					3	5			3	5	0	0	N
249	Wednesday, March 16, 2011	ربيع الثاني 11	Amboor Shega Area, Dattakhel	NWA	F					4	6			4	6		0	N
250	Thursday, March 17, 2011	ربيع الثاني 12	Nevi Adda, Shega Area	NWA	F				2	22	46			22	48	8	15	Y
251	Wednesday, April 13, 2011	جمادى الأ ولى 10	Near Angoor Adda	SWA	F	5	6			0	1			5	7	2	4	N
252	Friday, April 22, 2011	جمادى الأ ولى 19	Spinam, Mir Ali tall road, Hassan khel Area	NWA	F					23	25			23	25	5	8	Y
253	Friday, May 06, 2011	جمادى ال ثانية 03	Dattakhel	NWA	F					13	18			13	18		4	N
254	Tuesday, May 10, 2011	جمادى ال ثانية 07	Angoor Adda	SWA	F					0	2		3		5		4	N
255	Thursday, May 12, 2011	جمادى ال ثانية 09	Paikhel Mazdok Area, Dattakhel	NWA	F					0	8			8				N
256	Friday, May 13, 2011	جمادى ال ثانية 10	Kharkamar Area, 40km west of Miranshah	NWA	F					3	6			3	6			
257	Monday, May 16, 2011	جمادى ال ثانية 13	Khoshi Torikhel Area, Mir Ali	NWA	F					6	10			6	10			N
258	Monday, May 16, 2011	جمادى ال ثانية 13	Marki Killey	NWA	F					0	4			4				N
259	Friday, May 20, 2011	جمادى ال ثانية 17	Razmak Miranshah road, near Esha check post	NWA	F					4	6			4	6			N
260	Monday, May 23, 2011	جمادى ال ثانية 20	Machikhel Area, near Mir Ali	NWA	F					4	7			4	7			N
261	Friday, June 03, 2011	رجب 02	Ghwakhwa Area, 10km west of Wana	SWA	F	4	5			1	3			5	8			N
262	Monday, June 06, 2011	رجب 05	Wach Dana, 12 km northwest of Wana	SWA	F					8	10			8	10		3	
263	Monday, June 06, 2011	رجب 05	Shalam Raghzai, 10 km northwest of Wana	SWA	F					7	8			7	8		2	

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264	Monday, June 06, 2011	05 رجب	Dare Nishtar, Shwal	SWA	F						3	5			3	5			
265	Wednesday, June 08, 2011	07 رجب	Zoi Narry Area, Shwal	NWA	F						20	26			20	26			N
266	Wednesday, June 15, 2011	14 رجب	Wana	SWA	F						3	4			3	4		2	N
267	Wednesday, June 15, 2011	14 رجب	Tappi Village, 10 km east of Miranshah	NWA	F						4	8			4	8			N
268	Wednesday, June 15, 2011	14 رجب	Wana	SWA	F						0	7			7				N
269	Monday, June 20, 2011	19 رجب	Khardand Area	KA	F						0	3		9	12			8	N
270	Monday, June 27, 2011	26 رجب	Mantoi Area, 40 km northwest of Miranshah	SWA	F					5	12	13		3	12	21			N
271	Monday, June 27, 2011	26 رجب	Ghalmandi Panga, Bray Nishtar	NWA	F						15	21			15	21		2	N
272	Tuesday, July 05, 2011	04 شعبان	Guest house in Mir Ali, 25 km east of Miranshah	NWA	F					2	3	4			3	6		5	N
273	Monday, July 11, 2011	10 شعبان	Gorwaik Area, Dattakhel	NWA	F						10	25			10	25		6	N
274	Tuesday, July 12, 2011	11 شعبان	MalikShahi Village, Birmal Tehsil	SWA	F						5	13			5	13			N
275	Tuesday, July 12, 2011	11 شعبان	Drenishter Area, Shwal	NWA	F						8	16			8	16			N
276	Tuesday, July 12, 2011	11 شعبان	Neway Adda Village, Dattakhel	NWA	F						1	3			1	3			N
277	Wednesday, July 20, 2011	19 شعبان	Khushali Toorikhel, Mir Ali	NWA	F						1	4			1	4			
278	Monday, August 01, 2011	رمضان 02	Azam Warsak	SWA	F						4	6			4	6			N
279	Tuesday, August 02, 2011	رمضان 03	Qutub Khel Village, 5km east of Miranshah Village	NWA	F						0	4			4				N
280	Wednesday, August 10, 2011	رمضان 11	Near Afghan Border	NWA	F						0	0	18	21	18	21			N
281	Tuesday, August 16, 2011	رمضان 17	Miranshah Market	NWA	F						0	4			4			2	Y
282	Friday, August 19, 2011	رمضان 20	Sheen Warsak	SWA	F						2	4			2	4			N

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283	Monday, August 22, 2011	رمضان 23	Norak Area	NWA	F					4	5			4	5			N
284	Monday, August 22, 2011	رمضان 23	Haisura Village, Mir Ali	NWA	F					0	6				6			
285	Sunday, September 04, 2011	شوال 06	Northwest tribal Area	NWA	F					0	7				7			N
286	Sunday, September 11, 2011	شوال 13	Hisokhel Village	NWA	F					2	4			2	4			N
287	Friday, September 23, 2011	شوال 25	Khushali, Mir Ali	NWA	F					3	6			3	6	3	4	N
288	Tuesday, September 27, 2011	شوال 29	Azam Warsak	SWA	F				4	2	0			2	4		4	
289	Friday, September 30, 2011	ذو القعدة 03	Baghar	SWA	F					3	4			3	4		5	
290	Thursday, October 13, 2011	ذو القعدة 16	Zeba Pahar	SWA	F					3	6			3	6		3	N
291	Thursday, October 13, 2011	ذو القعدة 16	Danda Darpakhel Village	NWA	F					3	4			3	4			N
292	Friday, October 14, 2011	ذو القعدة 17	Danda Darpakhel Village	NWA	F					3	7			3	7		4	N
293	Saturday, October 15, 2011	ذو القعدة 18	Angoor Adda	SWA	F					6	7			6	7		6	
294	Saturday, October 15, 2011	ذو القعدة 18	Baghar Chinah	SWA	F					3	4			3	4			
295	Wednesday, October 26, 2011	ذو القعدة 29	Not Known	SWA	F				13	0	13				26		6	
296	Thursday, October 27, 2011	ذو القعدة 30	Hisokhel Village	NWA	F					0	6				6			
297	Thursday, October 27, 2011	ذو القعدة 30	Azam Warsak	SWA	F				4	4	1			4	5		6	
298	Sunday, October 30, 2011	ذو الحجة 03	Doga Area, Dattakhel	NWA	F					4	6			4	6		2	
299	Monday, October 31, 2011	ذو الحجة 04	Naurak, Mir Ali	NWA	F					2	4			2	4		5	
300	Thursday, November 03, 2011	ذو الحجة 07	Darpakhel Sarai	NWA	F					0	3				3		5	
301	Tuesday, November 15, 2011	ذو الحجة 19	Miranshah Bazar	NWA	F					6	7			6	7		4	

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302	Wednesday, November 16, 2011	ذو الحجة 20	Baber Ghar Area	SWA	F		2				15	16				15	18					
303	Tuesday, January 10, 2012	صفر 16	Miranshah	NWA	F						0	4					4				N	
304	Thursday, January 12, 2012	صفر 18	Dogga Village, Dattakhel	NWA	F						0	2	4	6	4	8					N	
305	Monday, January 23, 2012	صفر 29	Muhammad khel Village	NWA	F						0	2				2					N	
306	Monday, January 23, 2012	صفر 29	Deegan Village	NWA	F						2	3			2	3					N	
307	Wednesday, February 08, 2012	ربيع الأول 16	Tappi, 10km southeast of Miranshah	NWA	F						8	10			8	10			2		N	
308	Thursday, February 09, 2012	ربيع الأول 17	Miranshah	NWA	F		4				0	0				4					N	
309	Thursday, February 16, 2012	ربيع الأول 24	Spagla Town Near Miranshah	NWA	F						5	9	8	12	13	21					N	
310	Thursday, February 16, 2012	ربيع الأول 24	Spagla Town Near Miranshah	NWA	F						6	7		8	6	15					N	
311	Friday, March 09, 2012	ربيع الثاني 16	Vehicle in Mandao Area, Border of NWA and SWA	SWA	F						6	15			6	15					N	5:00 PM
312	Friday, March 09, 2012	ربيع الثاني 16	Makin	SWA	F						0	8				8						
313	Tuesday, March 13, 2012	ربيع الثاني 20	Vehicle in Surra Khawra, Shwal	SWA	F						0	8				8					N	
314	Tuesday, March 13, 2012	ربيع الثاني 20	Drey Nishtar Area	SWA	F						0	7				7			2	N	Morning	
315	Friday, March 30, 2012	جمادى الأولى 08	Market/House in Miranshah	NWA	F						0	4				4			2	N	3:00 AM	
316	Sunday, April 29, 2012	جمادى الثانية 08	Government School in Miranshah	NWA	F						0	0	3	4	3	4	2	3			N	
317	Saturday, May 05, 2012	جمادى الثانية 14	Shwal	NWA	F						0	0		10		10	1	3			Y	
318	Wednesday, May 23, 2012	رجب 03	House in Miranshah Bazar	NWA	F						4	5			4	5			2		N	
319	Thursday, May 24, 2012	رجب 04	Mosque in Mir Ali	NWA	F						6	6		4	6	10	3	4			N	5:30 AM
320	Saturday, May 26, 2012	رجب 06	House/Bakery, Zafar Town	NWA	F		1	2			0	0	1	2	2	4	0	2			N	4:00 AM

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340	Friday, August 24, 2012	شوال 07	Darra Nishtar, Shwal	NWA	F			4	5	0	0			4	5	0	14	N	
341	Saturday, September 01, 2012	شوال 15	House in Degan Area, Dattakhel	NWA	F			4	6	0	0			4	6	0	0	N	9:00 AM
342	Saturday, September 22, 2012	ذو القعدة 07	Dattakhel	NWA	F			3	4	0	0			3	4	0	2	N	
343	Monday, September 24, 2012	ذو القعدة 09	Kaderkhail Village, 40km east of Miranshah	NWA	F					5	6			5	6	1	2	N	
344	Monday, October 01, 2012	ذو القعدة 16	Haiderkhail Village, 30 km east of Miranshah	NWA	F			2	3	0	0			2	3	0	0	N	
345	Wednesday, October 10, 2012	ذو القعدة 25	House in Hurmaz Village, Mir Ali	NWA	F					5	6			5	6	0	0	N	
346	Thursday, October 11, 2012	ذو القعدة 26	Bulandkhel Area	OA	F					11	18			11	18	6	15	N	
347	Wednesday, October 24, 2012	ذو الحجة 09	House in Tappi Area, 20 km east of Miranshah	NWA	F					3	5			3	5	0	0	Y	
348	Wednesday, November 28, 2012	محرم 15	Sheen Warsak Area, Wana	SWA	F			2	3	0	0			2	3	0	0		
349	Saturday, December 01, 2012	محرم 18	Sheen Warsak Area, Wana	SWA	F	1				3	3			3	4		3		
350	Thursday, December 06, 2012	محرم 23	Mubarak shah Village, Mir Ali	NWA	F					3	4			3	4	1	6		
351	Sunday, December 09, 2012	محرم 26	Tabbi Village, Miranshah	NWA	F					1	3			1	3	0	0		
352	Friday, December 21, 2012	صفر 08	Hisukhel Area of Mir Ali	NWA	F					3	4			3	4	0	0		
353	Friday, December 28, 2012	صفر 15	Gurbaz Village	SWA	F					4	5			4	5	0	0		
354	Wednesday, January 02, 2013	صفر 20	Angoor Ada	NWA	F				1	4	8			4	9			Night	
355	Thursday, January 03, 2013	صفر 21	Babar Pehari	SWA	F				1	11	14			11	15				
356	Sunday, January 06, 2013	صفر 24	Babar Ghar	SWA	F			12	17	0	0			12	17	3	7		
357	Monday, January 07, 2013	صفر 25	Haider Khel near Mir Ali	NWA	F				2	7	6			7	8				
358	Wednesday, January 09, 2013	صفر 27	Hesso Khel near Mir Ali	NWA	F					3	4			3	4				

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359	Wednesday, February 06, 2013	ربيع الأول 26	Ghulam khan tehsil	NWA	F					3	3			3	3			
360	Friday, February 08, 2013	ربيع الأول 28	Miranshah	NWA	F		2			6	7			6	9	2	6	
361	Sunday, March 10, 2013	ربيع الثاني 28	Compound in Dattakhel	NWA	F					1	2			1	2		0	
362	Thursday, March 21, 2013	جمادى الأ ولى 10	House in Dattakhel	NWA	F					3	4			3	4		1	Night
363	Thursday, April 04, 2013	جمادى الأ ولى 24	Tirah Valley, Landi Kotal	KhA	F		2		1	0	0				3			
364	Sunday, April 14, 2013	جمادى ال ثانية 04	Dattakhel	NWA	F					3	4			3	4			
365	Thursday, April 18, 2013	جمادى ال ثانية 08	Darra Adamkhel	KhA	F					0	0							
366	Tuesday, May 28, 2013	رجب 19	Chashma Area, Miranshah	NWA	F				1	0	5				6			
367	Friday, June 07, 2013	رجب 29	Mangroti Village, Shwal	NWA	F					0	7				7			
368	Tuesday, June 18, 2013	شعبان 10	Miranshah	NWA	F					0	2				2			
369	Wednesday, July 03, 2013	شعبان 25	Sarai Darpa Khel Village	NWA	F			2	17	0	0			2	17		5	11:00 PM
370	Friday, July 12, 2013	رمضان 05	Moosky Village, 35km east of Mir Ali	NWA	F				2	0	0				2			
371	Saturday, July 27, 2013	رمضان 20	Sheenkai Narai Area, Shwal	NWA	F				7	0	0				7		3	
372	Friday, August 30, 2013	شوال 24	Hesokhel Musaki Village, Mir Ali	NWA	F				4	3	0			3	4			12:30 PM
373	Thursday, September 05, 2013	ذو القعدة 01	House of Gul Musa in Ghulam Khan Area	NWA	F			2	3	0	3			2	6			
374	Sunday, September 22, 2013	ذو القعدة 18	Ladha	SWA	F					0	2			4	6			
375	Sunday, September 29, 2013	ذو القعدة 25	House in Boya Area	NWA	F					4	6			4	6		3	10:50 AM
376	Thursday, November 21, 2013	محرم 18	Madrassa in Tal, Hangu District	N/A	K				5	0	1				6			5:00 AM
377	Thursday, November 28, 2013	محرم 25	Miranshah	NWA	F					0	0							
378	Friday, November 29, 2013	محرم 26	Angar Village near Miranshah	NWA	F				3	0	0				3			

379	Wednesday, December 25, 2013	22 صفر	House in Qutubkhel near Miranshah	NWA	F					0	0		4		4		1	
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Endnotes

¹ Zeeshan-ul-hassan Usmani is the founder of PakistanBodyCount, which keeps a running tally of drone and suicide attacks in Pakistan. He has recently finished a book, *Drones and Pakistan*, set to publish in early 2015 with Narratives.pk.

² Hira Bashir leads data analytics at Pakistan Body Count. She has co-authored the book, *Drones and Pakistan*.

³ The Drone Attacks Database: PDC (Pakistan Drone Count) in Appendix.

⁴ Courtesy: Pakistan Body Count.

⁵ Center for Civilians in Conflict. (2012). "The Civilian Impact of Drones: Unexamined Costs, Unanswered Questions."

⁶ New America Foundation. "Drone Wars Pakistan: Analysis." Website accessed November 18, 2014 at <http://securitydata.newamerica.net/drones/pakistan/analysis>

⁷ The Bureau of Investigative Journalism. (2014, November 3). "October 2014 Update: US Covert Actions in Pakistan, Yemen and Somalia." Accessed November 18, 2014 at <http://www.thebureauinvestigates.com/2014/11/03/october-2014-update-us-covert-actions-in-pakistan-yemen-and-somalia/>.

⁸ These terms have been defined in accordance with the journalism norms practiced in the areas affected by drone strikes, and internationally agreed definitions, including those mentioned in the UN human rights documents.

Civilian: A person not on active duty in the armed services or police or firefighting force, and also not belonging to or working for another armed group.

Foreigner: Any non-combatant citizen of a country other than Pakistan. In this analysis, the category of terrorist supersedes the category of foreigner; a foreigner terrorist will be listed as a terrorist. Therefore, a foreigner is a non-combatant person. The category includes settlers, like Afghans (who usually have kin in FATA), as well as others who crossed the border before, during or after the US Invasion of Afghanistan, or the Soviet war.

Terrorist: A non-government individual who uses terrorism in the pursuit of political aims (whether local or foreign).

Taliban: A person affiliated with any of the Taliban's militia groups engaged in fighting against the government in Afghanistan and/or Pakistan (as well as related groups such as Tehrik-i-Taliban Pakistan (TTP), TTP Jandullah, Ansarul Mujahidin, Haqqani group, Fedayeen al-Islam, and Tehreek-e-Nafaz-e-Shariat-e-Mohammadi).

Injured: A person with physical damage to his or her body caused or aggravated

by a drone strike. Injuries can be direct, as by blast waves and shrapnel, or indirect, as by building collapses or stampedes while rushing from the scene of an attack.

Killed: Those killed immediately, or later, due to primary, secondary, or tertiary injuries caused by a drone strike.

Children: A person below the age of 12.

⁹ Woodward, Bob and Dan Baltz (2002, February 1). "Combating Terrorism: "It Starts Today." *Washington Post*.

¹⁰ Williams, Brian Glyn. (2010, December). "General Dostum and the Mazar i Sharif Campaign: New light on the role of Northern Alliance warlords in Operation Enduring Freedom." *Small Wars & Insurgencies* 21(4), 610–632.

¹¹ Anderson, Terry H. (2011). *Bush's Wars*. Oxford University Press. (p. 87).

¹² Jaffrelot, Christophe. (2004, September 28). *A History of Pakistan and its Origins*. Anthem Press. (p. 285).

¹³ Shahzad, Syed Saleem. (2011). *Inside Al-Qaeda and the Taliban: Beyond bin Laden and 9/11*. Pluto Press. (p. 5).

¹⁴ Mazzetti, Mark. (2013, April 6). "A Secret Deal on Drones, Sealed in Blood." *The New York Times*.

¹⁵ Hussain, Wasbir. (2004, May 3). "South Asia Intelligence Review of the South Asia Terrorism Portal." *Weekly Assessment & Briefings* 2(42).

¹⁶ Mazzetti, op cit.

¹⁷ Khattak, Daud. (2012, September 26). "Reviewing Pakistan's Peace Deals with the Taliban." *Combating Terrorism Center Sentinel* 5(9).

¹⁸ Caroe, Olaf. (1958). *The Pathans: 550 BC – AD 1957*. New York: St. Martin's Press.

¹⁹ Jonathan Horowitz and Christopher Rogers. (2013, May 28). "Case Watch: A Court in Pakistan Addresses US Drone Attacks." *Open Society Foundations*.

²⁰ The size of the bubble represents the number.

²¹ Robert Greenwald. (2013). "Unmanned: America's Drone Wars."

²² Pakistan Government. "Federally Administered Tribal Areas." Retrieved from <http://fata.gov.pk/Global.php?iId=30&fId=2&pId=26&mId=13>.

²³ Squat toilets are used in the tribal regions.

²⁴ The Bureau of Investigative Journalism. (2013, November 26). "Drone Strikes in Yemen: New Analysis Questions Constraint on US Drone Strikes."

²⁵ Saud Mehsud and Hafiz Wazir. (2013, November 2). "Pakistan Taliban Secretly Bury Leader, Vow Bombs in Revenge." *Reuters*.

²⁶ Crilly, Rob. (2014, June 9). "Karachi Airport Attack: Taliban Gunmen Terror Attack Leaves 28 Dead." *The Telegraph*.

²⁷ Nauman, Qasim. (2014, June 4). "Taliban Attacks Kill 9 in Pakistan." *The Wall Street Journal*.

²⁸ Ali, Zulfiqar and Shashank Bengali. (2014, January 20). "Suicide Attack Kills 13 Near Pakistan Army Headquarters." *The Los Angeles Times*.

²⁹ *BBC News South Asia*. (2011, May 13). "Pakistan Bombings: Taliban Admits Shabqadar Attacks."

³⁰ Sifton, John. (2012, February 7). "A Brief History of Drones." *The Nation*.

³¹ A system that geo-locates the cell phones by tracking signals.

³² Scahill, Jeremy and Glenn Greenwald. (2014, February 10). "The NSA's Secret Role

in the U.S. Assassination Program.” *The Intercept*.

³³ Kugelman, Michael. (2012, May 2). “In Pakistan, Death Is Only One of the Civilian Costs of Drone Strikes.” *Huffington Post*.

³⁴ Lavalley, Guillaume. (2013, April 7). “U.S. Drone Strikes in Pakistan Linked Rise in Depression, Anxiety, Mental Health Issues.” *Huffington Post*.

³⁵ *The News*. (2013, February 13). “US ex-envoy Cameron Munter Blasts US ‘Callousness’ on Pakistan.”

³⁶ (2009, December 1). “Obama Urges Pakistan to Fight ‘Cancer’ of Extremism’.” *Reuters*.

³⁷ NWA: North Waziristan Agency; SWA: South Waziristan Agency; KhA: Khyber Agency; OK: Orakzai Agency; BA: Bajaur Agency; KA: Kurram Agency; FRB: Federal Region Banu; N/A: Not Applicable for areas not under FATA

³⁸ F: Fata; K: KPK

³⁹ If an attack victimizes women and/or children