



# Combined Joint Task Force - Operation Inherent Resolve Monthly Civilian Casualty Report

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**SOUTHWEST ASIA**— During the month of February the Coalition and our partners continued the fight to ensure the lasting defeat of Daesh. The Coalition and our partners have liberated over 98% of the area formerly controlled by Daesh, and have liberated 7.7 million Iraqis and Syrians once held under brutal Daesh rule. However, much work still needs to be done to ensure the lasting defeat of the terrorist, criminal organization.

In February the Iraqi Security Forces continue to take the fight to Daesh terrorists hiding among the people of Iraq. The ISF conducted multiple operations to secure their country, people and borders. The security they provide enables the international community to support non-military stabilization operations and assist in the return to normal life for the Iraqi people who have hope for a better life after Daesh.

Syrian Democratic Forces and Coalition partners continued operations to destroy remnants of Daesh in Syria. SDF's successes and continued efforts to remove terrorists from the battlefield and deny Daesh safe haven have been a benefit to the world, preventing the regional and global spread of a hateful ideology that actively seeks to target our homes and our populations.

The SDF's presence in Syria continues to reap dividends as they detain terrorists trying to escape the region. The SDF are instrumental in removing Daesh's most violent terrorists from the battlefield as they try to flee.

In the month of February, CJTF-OIR carried over 485 open reports of possible civilian casualties from previous months and received 121 new reports resulting from Coalition strikes (artillery or air) in support of partner force operations to defeat Daesh in Iraq and Syria.

During this period, the Coalition completed the assessment of 84: 78 were assessed to be non-credible, none were assessed to be duplicates of previous reports, and six were assessed to be credible, resulting in 14 unintentional civilian deaths. To date, based on information available, CJTF-OIR assesses at least 855 civilians have been unintentionally killed by Coalition strikes since the start of Operation Inherent Resolve. A total of 522 reports are still open.

The Coalition conducted a total of 29,225 strikes between August 2014 and end of February 2018. During this period, the total number of reports of possible civilian casualties was 2,135. The total number of credible reports of civilian casualties during this time period was 224.

After a thorough review of the facts and circumstances of each civilian casualty report, CJTF-OIR assessed the following 78 reports as non-credible: at this time there is insufficient information to assess that, more likely than not, a Coalition strike resulted in civilian casualties.

A finding of non-credible in many cases indicates a lack of evidence. "Non-credible" is not intended to deny the possibility that a CIVCAS incident occurred, nor is it intended as a comment on the credibility on the source of the allegation.

1. Dec 9, 2016 near Mayaezila Village, Syria via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

2. March 2, 2017 near Mosul, Iraq, via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

3. March 14, 2017 near Dur al Sekak, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

4. March 22, 2017 near Rajl al Hamid, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

5. March 24, 2017 near Mosul, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find

civilians were harmed in this strike.

6. March 27, 2017, near the near Euphrates Dam, Syria via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

7. March 28, 2017, near Mosul, Iraq via AirWars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

8. March 30, 2017 near Mosul, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

9. April 3, 2017 near Mahalet al Hamam, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

10. April 23, 2017 near Mosul, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

11. April 23, 2017 near Al Zinjili, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

12. April 27, 2017 near Islah al Zirai, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

13. April 28, 2017 near Saha, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

14. May 3, 2017 near Mosul, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

15. May 4, 2017 near Meshrfa, Iraq via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

16. May 9, 2017 near Rifae, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find civilians were harmed in this strike.

17. May 9, 2017 near Meshrfa, Iraq via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

18. May 16, 2017 near Al Khayala, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

19. May 17, 2017 near Al Attara, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

20. May 24, 2017 near Al Mraka, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

21. May 26, 2017 near Shifa, Iraq via Airwars report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

22. May 26, 2017 near Jourat al Sous, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

23. May 29, 2017 near Gharawi, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

24. May 29, 2017 near Shukri Buzan via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

25. May 30, 2017 near Abu Qubei, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

26. May 31, 2017 near Abu Shajara, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

27. June 16, 2017 near Raqqah, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

28. June 19, 2017 near Al Sakiya, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

29. June 19, 2017 near Kasrat Faraj, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

30. June 20, 2017 near Mosul, Iraq via Airwars report. The report contains insufficient

information of the time, location and details to assess its credibility.

31. June 21, 2017 near Ar Rutbah, Iraq via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

32. June 21, 2017 near Mosul, Iraq via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

33. June 22, 2017 near Dayr Az Zawr, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

34. June 23, 2017 near Al Tawatha, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

35. June 25, 2017 near Amn Al Dawla, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

36. June 25, 2017 near Al Tawssi'ya, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

37. June 25, 2017 near Umm Hfour, Syria via Airwars report. Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

38. June 25, 2017 near Muhassen, Syria via Airwars report. Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

39. June 26, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

40. July 4, 2017 near Shdaddi, Syria via media report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

41. July 4, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

42. July 4, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

43. July 5, 2017 near Raqqah, Syria via Airwars report. The report contains

insufficient information of the time, location and details to assess its credibility.

44. July 6, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

45. July 7, 2017 near Mosul, Iraq via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

46. July 8, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

47. July 8, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

48. July 9, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

49. July 10, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

50. July 11, 2017 near Mosul, Iraq via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

51. July 11, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

52. July 12, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

53. July 12, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

54. July 13, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

55. July 13, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

56. July 13, 2017 near Al Dariya, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

57. July 13, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

58. July 13, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

59. July 15, 2017 near Al Qaim, Iraq via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

60. July 16, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

61. July 16, 2017 near Al Mayadin, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

62. July 17, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

63. July 17, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

64. July 17, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

65. July 17, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

66. July 17, 2017 near Raqqah Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

67. July 17, 2017 near Al Omar oilfield, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

68. July 18, 2017 near Ma'adan, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

69. July 18, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

70. July 18, 2017 near Ma'adan, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

71. July 19, 2017 near Raqqah, Syria via Airwars report. The report contains

insufficient information of the time, location and details to assess its credibility.

72. July 20, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

73. July 20, 2017 near unknown location, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

74. July 21, 2017 near Raqqah, Syria via Airwars report. The report contains insufficient information of the time, location and details to assess its credibility.

75. July 22, 2017 near Al Mayadin, Syria via Airwars report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

76. July 24, 2017, near Raqqah, Syria via social media report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

77. Aug. 2, 2017 near Raqqah, Syria via social media report. After a review of available information and strike video it was assessed that there is insufficient evidence to find that civilians were harmed in this strike.

78. Jan. 24, 2018 near Al Sha'fah, Syria via social media report. After a review of available information it was assessed that no Coalition strikes were conducted in the geographical area that correspond to the report of civilian casualties.

No reports were assessed to be duplicates of other reports that have been or are currently being assessed this month.

Although the Coalition takes extraordinary efforts to strike military targets in a manner that minimizes the risk of civilian casualties, in some incidents casualties are unavoidable. Six reports were assessed to be credible resulting in the unintentional death of 14 civilians.

A credible assessment means it is more likely than not a Coalition strike resulted in a civilian casualty. In each of the incidents below, the investigation assessed that although all feasible precautions were taken and the decision to strike complied with the law of armed conflict, unintended civilian casualties unfortunately occurred.

1. May 3, 2017 near Islah al Zirai, Iraq via Airwars report. The Coalition conducted a strike to destroy an ISIS fighting position. During the strike it was assessed that two civilians were unintentionally killed and two civilians were injured.



2. Aug. 13, 2017 near Raqqah, Syria via self-report. During a Coalition strike to engage an ISIS-controlled building a civilian entered the area of the strike and it was assessed that one civilian was unintentionally killed.

3. Aug. 17, 2017 near Raqqah, Syria via self-report. During a Coalition strike to engage an ISIS fighting position a scooter inadvertently entered the area of the strike and it was assessed that three civilians were unintentionally killed.

4. Oct. 12, 2017 near Al Badu, Raqqah, Syria via social media report. During a Coalition strike to engage an ISIS-defensive fighting position it was assessed that three civilians were unintentionally killed.

5. Dec. 13, 2017 near Hajin, Syria via self-report. During a coalition strike which killed a known high-level ISIS member a civilian scooter inadvertently crossed into the strike area and it is assessed that one civilian was injured.

6. Jan. 9, 2018 near Abu Kamal, Syria via self-report. During a Coalition strike which killed an ISIS leader, approximately 10 ISIS terrorists and destroyed a vehicle-borne improvised explosive device within vicinity of Coalition partner forces it was assessed that five civilians were unintentionally killed.

Currently, 522 reports of civilian casualties are still being assessed:

1. Nov. 7, 2014 near At-Tanak Oilfield, Iraq via regional human rights organization report.

2. Feb. 23, 2015, near Jesse (Al Hasakah), Syria, via Airwars report.

3. April 20, 2015 near Qayyarah, Iraq via media report.

4. Aug. 3, 2015, near Al Hasakah, Syria, via Airwars report.

5. Aug. 24, 2015, near Mosul, Iraq, via Airwars report.

6. Nov. 24, 2015, near Abu Jarbua (Al Hasakah), Syria, via Airwars report.

7. Feb. 23, 2016, near Raqqah, Syria, via Airwars report.

8. April 18, 2016, near Sudayrah, Salah al-Din, Iraq, via Airwars report.

9. May 19, 2016, near Mosul, Iraq, via Airwars report.

10. May 28, 2016, near Raqqah, Syria, via Airwars report.

11. June 1, 2016, near Mosul, Iraq, via Airwars report.

12. June 2, 2016, near Mosul, Iraq, via Airwars report.
13. Sept. 22, 2016 near Qayyarah, Iraq via media report.
14. Oct. 13, 2016 near Qayyarah, Iraq via media report.
15. Oct. 24, 2016 near Mosul, Iraq via Airwars report.
16. Oct. 29, 2016 near Qayyarah, Iraq via media report.
17. Oct. 30, 2016, near Raqqah, Syria, via Airwars report.
18. Nov. 1, 2016, near Mosul, Iraq, via Airwars report.
19. Nov. 5, 2016 near Qayyarah, Iraq via media report.
20. Nov. 5, 2016 near Qayyarah, Iraq via media report.
21. Nov. 6, 2016, near Mosul, Iraq, via Airwars report.
22. Nov. 7, 2016, near Khaniz Al Salman (Raqqah), Syria, via Airwars report.
23. Nov. 18, 2016 near Qayyarah, Iraq via media report.
24. Nov. 18, 2016 near Qayyarah, Iraq via media report.
25. Nov. 18, 2016 near Qayyarah, Iraq via media report.
26. Nov. 18, 2016 near Qayyarah, Iraq via media report.
27. Nov. 18, 2016 near Qayyarah, Iraq via media report.
28. Nov. 19, 2016, near Al Abbara (Raqqah), Syria, via Airwars report.
29. Nov. 19, 2016, near Tal Al Samen, Syria, via Airwars report.
30. Nov. 20, 2016 near Qayyarah, Iraq via media report.
31. Nov. 23, 2016 near Qayyarah, Iraq via media report.
32. Nov. 24, 2016, near Al Jamia (Raqqah), Syria, via Airwars report.
33. Nov. 28, 2016, near Abu Kamal, Syria, via Airwars report.
34. Dec. 6, 2016, near Al Abbara (Raqqah), Syria, via Airwars report.
35. Dec. 23, 2016, near Al Tabqah, Syria, via Airwars report.

36. Jan. 5, 2017, near Mosul, Iraq, via Airwars report.
37. Jan. 6, 2017, near Mosul, Iraq, via Airwars report.
38. Jan. 6, 2017, near Sowaydiya Kabira, Syria, via Airwars report.
39. Jan. 7, 2017, near Kasrat Sheikh Al Juma'a (Raqqah), Syria, via self-report.
40. Jan. 7, 2017, near Mosul, Iraq, via Airwars report.
41. Jan. 8, 2017, near Mosul, Iraq, via Airwars report.
42. Jan. 8, 2017, near Mosul, Iraq, via Airwars report.
43. Jan. 9, 2017 near Mosul, Iraq via media report.
44. Jan. 12, 2017, near Beza'a, Syria, via Airwars report.
45. Jan. 13, 2017, near Mosul, Iraq, via Airwars report.
46. Jan. 14, 2017, near Al Mayadin, Syria, via Airwars report.
47. Jan. 21, 2017, near Al Tabqah, Syria, via Airwars report.
48. Jan. 25, 2017, near Sahil Al Khashab (Raqqah), Syria, via Airwars report.
49. Jan. 27, 2017, near Mosul, Iraq, via Airwars report.
50. Jan. 29, 2017, near Mosul, Iraq, via Airwars report.
51. Feb. 10, 2017, near Hatra, Iraq, via Airwars report.
52. Feb. 12, 2017, near Mosul, Iraq, via Airwars report.
53. Feb. 14, 2017, near Qasr Al Matahin, Iraq, via Airwars report.
54. Feb. 18, 2017, near Raqqah, Syria, via Airwars report.
55. Feb. 20, 2017, near Mosul, Iraq, via Airwars report.
56. Feb. 20, 2017, near Raqqah, Syria, via Airwars report.
57. Feb. 23, 2017, near Mosul, Iraq, via Airwars report.
58. Feb. 24, 2017, near Mazir, Iraq, via Airwars report.
59. Feb. 25, 2017, near Mosul, Iraq, via Airwars report.

60. Feb. 25, 2017, near Mosul, Iraq, via Airwars report.
61. March 1, 2017, near Mosul, Iraq, via Airwars report.
62. March 1, 2017, near Mosul, Iraq, via Airwars report.
63. March 1, 2017, near Mosul, Iraq, via Airwars report.
64. March 6, 2017, near Mosul, Iraq, via Airwars report.
65. March 6, 2017, near Mosul, Iraq, via Airwars report.
66. March 8, 2017, near Al Karamah, Syria via Airwars report.
67. March 8, 2017, near Al Rashid, Syria, via Airwars report.
68. March 9, 2017, near Mosul, Iraq, via Airwars report.
69. March 10, 2017, near Mosul, Iraq, via Airwars report.
70. March 11, 2017, near Al Karamah, Syria, via Airwars report.
71. March 13, 2017, near Al Mosul Al Jadida, Iraq, via Airwars report.
72. March 14, 2017, near Raqqah, Syria, via Airwars report.
73. March 14, 2017, near Al Thawrah (Tabaqah), Syria, via Airwars report.
74. March 14, 2017, near Mosul, Iraq, via Airwars report.
75. March 14, 2017, near Mosul, Iraq, via Airwars report.
76. March 16, 2017, near Raqqah, Syria, via Airwars report.
77. March 16, 2017, near the Euphrates Dam, Syria, via Airwars report.
78. March 16, 2017, near Raqqah, Syria, via Airwars report.
79. March 17, 2017, near Al Safsaf, Syria, via Airwars report.
80. March 17, 2017, near Medan, Iraq, via Airwars report.
81. March 18, 2017, near Mosul, Iraq via Airwars report.
82. March 18, 2017, near Shabhar (Raqqah), Syria, via Airwars report.
83. March 18, 2017, near Azersjkan, Syria, via Airwars report.

84. March 19, 2017, near Hamra Blassem (Raqqah), Syria, via Airwars report.
85. March 20, 2017, near Mosul, Iraq, via Airwars report.
86. March 20, 2017, near Mosul, Iraq, via Airwars report.
87. March 20, 2017, near Mosul, Iraq, via Airwars report.
88. March 21, 2017, near Mosul, Iraq, via Airwars report.
89. March 21, 2017, near Al Jadida, Syria, via Airwars report.
90. March 22, 2017, near Ratlah, Syria, via Airwars report.
91. March 22, 2017, near Al Thani, Syria, via Airwars report.
92. March 22, 2017, near Mosul, Iraq via Airwars report.
93. March 22, 2017, near Mosul, Iraq, via Airwars report.
94. March 22, 2017, near Mosul, Iraq, via Airwars report.
95. March 25, 2017, near Raqqah, Syria, via Airwars report.
96. March 25, 2017, near Shoa'ib al Zaker, Syria, via Airwars report.
97. March 25, 2017, near Al Thawrah (Tabaqah), Syria, via Airwars report.
98. March 25, 2017, near Al Thawrah (Tabaqah), Syria, via Airwars report.
99. March 25, 2017, near Al Mayadin, Syria, via Airwars report.
100. March 26, 2017, near Mosul, Iraq, via Airwars report.
101. March 26, 2017, near Raqqah, Syria, via Airwars report.
102. March 26, 2017, near Mosul, Iraq, via Airwars report.
103. March 26, 2017, near Zanjili, Iraq, via Airwars report.
104. March 26, 2017, near Al-Thawrah (Tabaqah), Syria, via Airwars report.
105. March 27, 2017, near Al-Thawrah (Tabaqah), Syria, via Airwars report.
106. March 27, 2017, near Mosul, Iraq, via Airwars report.
107. March 27, 2017, near Raqqah, Syria, via Airwars report.

108. March 28, 2017, near Mudar, Syria, via Airwars report.
109. March 28, 2017, near Khatouniya, Syria, via Airwars report.
110. March 29, 2017, near Shoa'ib al Zaker, Syria, via Airwars report.
111. March 29, 2017, near Al Rahiat, Syria, via Airwars report.
112. March 29, 2017, near Al Safsaf, Syria, via Airwars report.
113. March 30, 2017, near Al Mansoura, Syria, via Airwars report.
114. March 30, 2017, near Mosul, Iraq, via Airwars report.
115. March 30, 2017, near Mosul, Iraq, via Airwars report.
116. March 30, 2017, near Mosul, Iraq, via Airwars report.
117. March 30, 2017, near Al Safsaf, Syria, via Airwars report.
118. March 30, 2017, near Al Huzaymah (Raqqah), Syria, via Airwars report.
119. April 2, 2017, near Mosul, Iraq, via Airwars report.
120. April 5, 2017, near Mosul, Iraq, via Airwars report.
121. April 8, 2017, near Mosul, Iraq, via Airwars report.
122. April 9, 2017, near Mosul, Iraq, via airwars report.
123. April 10, 2017, near Sekak (Mosul), Iraq, via Airwars report.
124. April 11, 2017, near Mosul, Iraq, via Airwars report.
125. April 11, 2017, near Hunaida, Syria, via Airwars report.
126. April 12, 2017, near Al Hazimah, Syria, via Airwars report.
127. April 14, 2017, near Tel Kheimh (Badoosh), Iraq, via Airwars report.
128. April 15, 2017, near Mosul, Iraq, via Airwars report.
129. April 16, 2017, near Al Tabqah, Syria, via Airwars report.
130. April 16, 2017, near Kabish, Syria, via Airwars report.
131. April 18, 2017 near Al Tabqah, Syria via Airwars report.

132. April 19, 2017, near Mosul, Iraq, via Airwars report.
133. April 19, 2017, near Tabqah, Syria via Airwars report.
134. April 20, 2017, near Maysaloun farms, Syria, via Airwars report.
135. April 21, 2017, near Al Qarya, Syria, via Airwars report.
136. April 22, 2017, near Mosul (Thawra), Iraq, via self-report.
137. April 23, 2017, near al Hazimah, Syria, via Airwars report.
138. April 24, 2017, near Al Rahiat, Syria, via Airwars report.
139. April 26, 2017, near Debsi Afnan, Syria, via Airwars report.
140. April 26, 2017, near Al Tabqah, Syria, via Airwars report.
141. April 27, 2017, near Raqqah, Syria, via Airwars report.
142. April 28, 2017, near Al Mansoura, Syria, via Airwars report.
143. April 29, 2017, near Al Mansoura, Syria, via Airwars report.
144. May 4, 2017, near Al Thawrah (Tabaqah), via Airwars report.
145. May 4, 2017, near Meshrfa, Iraq, via Airwars report.
146. May 6, 2017, near Mayadin, Syria, via Airwars report.
147. May 8, 2017, near Mosul, Iraq via Airwars report.
148. May 8, 2017, near Wadah, Syria via Airwars report.
149. May 8, 2017, near Kdeiran, Syria via Airwars report.
150. May 8, 2017, near Al Awaal (Al Tabqah), Syria via Airwars report.
151. May 9, 2017, near Abu Kamal, Syria, via Airwars report.
152. May 10, 2017, near Raqqah, Syria, via Airwars report.
153. May 11, 2017, near Hamra Blassem, Syria, via Airwars report.
154. May 12, 2017, near Quriya, Syria, via Airwars report.
155. May 13, 2017, Between two Bridges near Raqqah, Syria, via Airwars report.

156. May 15, 2017, near Al Makef, Raqqah, Syria, via Airwars report.
157. May 16, 2017, near Mosul, Iraq, via Airwars report.
158. May 16, 2017, near Mosul, Iraq, via Airwars report.
159. May 18, 2017, near Sahlat al-Banat, Syria, via human rights organization report.
160. May 18, 2017, near Hunaida, Syria, via Airwars report.
161. May 21, 2017, near Al Salhabiya, Syria, via Airwars report.
162. May 21, 2017, near Kdeiran, Syria, via Airwars report.
163. May 21, 2017, near Al Ruweih, Syria, via Airwars report.
164. May 23, 2017, near Kdeiran, Syria, via Airwars report.
165. May 23, 2017, near Al Duweir, Syria, via Airwars report.
166. May 25, 2017, near Mayadin, Syria, via Airwars report.
167. May 26, 2017, near Raqqah, Syria, via Airwars report.
168. May 27, 2017, near Mosul, Iraq, via news media report.
169. May 28, 2017, near Al Mansoura, Syria, via Airwars report.
170. May 28, 2017, near Raqqah, Syria, via self-report.
171. May 28, 2017, near Raqqah, Syria, via Airwars report.
172. May 28, 2017, near Al Hamam, Syria, via Airwars report.
173. May 29, 2017, near Raqqah, Syria, via Airwars report.
174. May 29, 2017, near Qorya, Syria, via Airwars report.
175. June 1, 2017, near Sbeikhan, Syria, via Airwars report.
176. June 2, 2017, near Raqqah, Syria, via Airwars report.
177. June 3, 2017, near Zanjili, Mosul, Iraq, via Airwars report.
178. June 3, 2017 near Hawi al Hawa, Syria, via Airwars report.
179. June 3, 2017, near al Jisr al Qadim, Raqqah, Syria, via Airwars report.



180. June 4, 2017, near Abu al Naital, Syria, via Airwars report.
181. June 5, 2017, near Raqqah, Syria, via media report.
182. June 7, 2017, near Mahkan, Syria, via Airwars report.
183. June 8, 2017, near Zanjili, Mosul, Iraq, via Airwars report.
184. June 8, 2017, near Raqqah, Syria via Airwars report.
185. June 9, 2017 near Sin'a, Raqqah, Syria via Airwars report.
186. June 9, 2017 near Dariyah, Raqqah, Syria via human rights organization report.
187. June 10, 2017 near Raqqah, Syria via human rights organization report.
188. June 11, 2017, near Mosul, Iraq via Airwars report.
189. June 11, 2017, near Raqqah, Syria via Airwars report.
190. June 12, 2017, near Raqqah, Syria via Airwars report.
191. June 12, 2017, near Raqqah, Syria via Airwars report.
192. June 12, 2017, near Raqqah, Syria via Airwars report.
193. June 12, 2017, near Mosul, Iraq via Airwars report.
194. June 13, 2017, near Mosul, Iraq via Airwars report.
195. June 14, 2017, near Raqqah, Syria via Airwars report.
196. June 15, 2017 near Raqqah, Syria via Airwars report.
197. June 15, 2017, near Saif Al Dawla, Syria, via Airwars report.
198. June 15, 2017, near Raqqah, Syria via Airwars report.
199. June 15, 2017, near Al Badu, Syria, via Airwars report.
200. June 15, 2017, near Sharia Jama al Qademeh (Raqqah), Syria via humanitarian organization report.
201. June 16, 2017, near Raqqah, Syria via Airwars report.
202. June 16, 2017, near Raqqah, Syria via Airwars report.

203. June 16, 2017, near Raqqah, Syria via Airwars report.
204. June 17, 2017, near Raqqah, Syria via Airwars report.
205. June 17, 2017, near Raqqah, Syria via Airwars report.
206. June 17, 2017, near Raqqah, Syria, via Airwars report.
207. June 18, 2017, near Raqqah, Syria via Airwars report.
208. June 18, 2017, near Raqqah, Syria, via Airwars report.
209. June 18, 2017, near Raqqah, Syria, via Airwars report.
210. June 19, 2017 near Shifa, Mosul, Iraq via Airwars report.
211. June 20, 2017, near Kasrat Faraj, Syria via Airwars report.
212. June 21, 2017 near Mosul, Iraq via Airwars report.
213. June 22, 2017 near Al Saaha, Iraq via Airwars report.
214. June 23, 2017, near Mosul, Iraq via Airwars report.
215. June 23, 2017, near Raqqah, Syria via NGO report.
216. June 23, 2017, near Abu Kamal, Syria via Airwars report.
217. June 24, 2017, near Raqqah, Syria via Airwars report.
218. June 24, 2017, near Raqqah, Syria via Airwars report
219. June 24, 2017, near Raqqah, Syria via Airwars report.
220. June 24, 2017 near Raqqah, Syria via Airwars report.
221. June 25, 2017, near Ratlah, Syria via Airwars report.
222. June 25, 2017, near Bokrus Tahtani, Syria via Airwars report.
223. June 26, 2017, near Al Mayadin, Syria via Airwars report.
224. June 27, 2017, near Mosul, Iraq via Airwars report.
225. June 28, 2017, near Kasrat Afnan, Syria via Airwars report.
226. June 28, 2017, near Kasrat Afnan, Syria via Airwars report.

227. June 29, 2017, near Bab Lakash, Syria via Airwars report.
228. June 30, 2017, near Al Dashaisha, Syria via Airwars report.
229. July 1, 2017, near Mosul, Iraq, via Airwars report.
230. July 1, 2017 near Raqqah, Syria via Airwars report.
231. July 1, 2017 near Raqqah, Syria via Airwars report.
232. July 1, 2017 near Raqqah, Syria via Airwars report.
233. July 1, 2017 near Hossain, Syria via Airwars report.
234. July 1, 2017 near Majawdeh, Syria via Airwars report.
235. July 1, 2017 near Buleil, Syria via Airwars report.
236. July 1, 2017 near Raqqah, Syria via human rights organization report.
237. July 2, 2017 near Al Mayadin, Syria via Airwars report.
238. July 2, 2017 near Al Soor, Syria via Airwars report.
239. July 2, 2017 near Hatla, Syria via Airwars report.
240. July 2, 2017 near Mosul, Iraq via Airwars report.
241. July 2, 2017 near Mosul, Iraq via Airwars report.
242. July 2, 2017 near Mosul, Iraq via Airwars report.
243. July 2, 2017 near Mosul, Iraq via Airwars report.
244. July 2, 2017 near Raqqah, Syria via Airwars report.
245. July 2, 2017 near Raqqah, Syria via Airwars report.
246. July 3, 2017 near Mosul, Iraq via Airwars report.
247. July 3, 2017 near Kasrat Srou, Syria via Airwars report.
248. July 3, 2017 near Markada, Syria via Airwars report.
249. July 3, 2017 near Raqqah, Syria via Airwars report.
250. July 3, 2017 near Hissan, Syria via Airwars report.

251. July 3, 2017 near Raqqah, Syria via Airwars report.
252. July 4, 2017 near Abu Hamda, Syria via Airwars report.
253. July 4, 2017 near Ratlah, Syria via Airwars report.
254. July 4, 2017 near Raqqah, Syria via Airwars report.
255. July 4, 2017 near Tal al Jayar, Syria via Airwars report.
256. July 5, 2017, near Al Bouhamed, Syria via Airwars report.
257. July 5, 2017 near Raqqah, Syria via Airwars report.
258. July 5, 2017 near Dahla, Syria via Airwars report.
259. July 5, 2017 near Hareer Hatem, Syria via Airwars report.
260. July 6, 2017 near Raqqah, Syria via Airwars report.
261. July 6, 2017 near Raqqah, Syria via Airwars report.
262. July 6, 2017 near Madan, Syria via Airwars report.
263. July 7, 2017 near Anah, Iraq via Airwars report.
264. July 7, 2017 near Mosul, Iraq via Airwars report.
265. July 7, 2017 near Raqqah, Syria via Airwars report.
266. July 7, 2017 near Raqqah, Syria via Airwars report.
267. July 7, 2017 near Raqqah, Syria via Airwars report.
268. July 7, 2017 near Raqqah, Syria via Airwars report.
269. July 8, 2017 near Mohsen, Syria via Airwars report.
270. July 8, 2017 near Mayadin, Syria via Airwars report.
271. July 8, 2017 near Ma'adan, Syria via Airwars report.
272. July 8, 2017 near Raqqah, Syria via Airwars report.
273. July 8, 2017 near Raqqah, Syria via Airwars report.
274. July 9, 2017 near Mohsen, Syria via Airwars report.

275. July 10, 2017 near Raqqah, Syria via Airwars report.
276. July 11, 2017 near Qasr al Banat, Syria via Airwars report.
277. July 12, 2017, near Kashkash Zyanat (Ash Shaddadi), Syria, via Airwars report.
278. July 12, 2017 near Mosul, Iraq via Airwars report.
279. July 12, 2017 near Raqqah, Syria via Airwars report.
280. July 12, 2017 near Raqqah, Syria via Airwars report.
281. July 12, 2017 near Al Sa'ada al Gharbiya, Syria via Airwars report.
282. July 12, 2017 near Al Mayadin, Syria via Airwars report.
283. July 13, 2017, near Raqqah, Syria via social media report.
284. July 13, 2017 near Raqqah, Syria via Airwars report.
285. July 13, 2017 near Mosul, Iraq via Airwars report.
286. July 13, 2017 near Raqqah, Syria via Airwars report.
287. July 14, 2017 near Raqqah, Syria via Airwars report.
288. July 14, 2017 near Al Salhiya, Syria via Airwars report.
289. July 14, 2017 near Al Baghouz, Syria via Airwars report.
290. July 15, 2017 near Al Mayadin, Syria via Airwars report.
291. July 15, 2017 near Raqqah, Syria via Airwars report.
292. July 15, 2017 near Raqqah, Syria via Airwars report.
293. July 15, 2017 near Raqqah, Syria via Airwars report.
294. July 15, 2017 near Mosul, Iraq via Airwars report.
295. July 16, 2017, near Kashkash Zyanat (Ash Shaddadi), Syria, via social media report.
296. July 16, 2017 near Al Subha, Syria via Airwars report.
297. July 16, 2017 near Raqqah, Syria via Airwars report.

298. July 16, 2017 near Raqqah, Syria via Airwars report.
299. July 16, 2017 near Jadid Akeidat, Syria via Airwars report.
300. July 17, 2017 near Al Kashkiya, Syria via Airwars report.
301. July 17, 2017 near Jadid Akeidat, Syria via Airwars report.
302. July 17, 2017 near Raqqah, Syria via Airwars report.
303. July 17, 2017 near Raqqah, Syria via Airwars report.
304. July 17, 2017 near Raqqah, Syria via Airwars report.
305. July 18, 2017, near Sabikan, Syria, via Airwars report.
306. July 18, 2017 near Al Sabkha, Syria via Airwars report.
307. July 18, 2017 near Raqqah, Syria via Airwars report.
308. July 18, 2017 near Raqqah, Syria via Airwars report.
309. July 19, 2017 near Al Jabli, Syria via Airwars report.
310. July 19, 2017 near Al Bouliyal, Syria via Airwars report.
311. July 20, 2017 near Ma'adan, Syria via Airwars report.
312. July 21, 2017, near, Raqqah, Syria, via social media report.
313. July 21, 2017 near Mayadin, Syria via Airwars report.
314. July 21, 2017 near Raqqah, Syria via Airwars report.
315. July 21, 2017 near Raqqah, Syria via Airwars report.
316. July 21, 2017 near Mayadin, Syria via Airwars report.
317. July 22, 2017 near Bajari, Syria via Airwars report.
318. July 22, 2017 near Sabkhawi, Syria via Airwars report.
319. July 22, 2017 near Raqqah, Syria via Airwars report.
320. July 23, 2017 near Raqqah, Syria via Airwars report.
321. July 23, 2017 near Deir ez-Zoor, Syria via Airwars report.

322. July 23, 2017 near Shumeteya, Syria via Airwars report.
323. July 23, 2017 near Nazlet Shahata, Syria via Airwars report.
324. July 24, 2017 near Raqqah, Syria via Airwars report.
325. July 24, 2017 near Raqqah, Syria via Airwars report.
326. July 24, 2017 near Raqqah, Syria via Airwars report.
327. July 24, 2017 near Al Rashad, Syria via Airwars report.
328. July 24, 2017 near Sabah al Kahir, Syria via Airwars report.
329. July 24, 2017 near Mayadin, Syria via Airwars report.
330. July 24, 2017 near Mayadin, Syria via Airwars report.
331. July 25, 2017 near Raqqah, Syria via Airwars report.
332. July 25, 2017 near Raqqah, Syria via Airwars report.
333. July 25, 2017 near Raqqah, Syria via Airwars report.
334. July 25, 2017 near Raqqah, Syria via Airwars report.
335. July 25, 2017 near Raqqah, Syria via Airwars report.
336. July 25, 2017 near Raqqah, Syria via Airwars report.
337. July 25, 2017 near Raqqah, Syria via Airwars report.
338. July 25, 2017 near Mayadin, Syria via Airwars report.
339. July 26, 2017 near Raqqah, Syria via Airwars report.
340. July 26, 2017 near Raqqah, Syria via Airwars report.
341. July 26, 2017 near Al Tayba, Syria via Airwars report.
342. July 26, 2017 near Abu Kamal, Syria via Airwars report.
343. July 26, 2017 near Abu Kamal, Syria via Airwars report.
344. July 27, 2017 near Raqqah, Syria via Airwars report.
345. July 27, 2017 near Raqqah, Syria via Airwars report.

346. July 27, 2017 near Raqqah, Syria via Airwars report.
347. July 27, 2017 near Raqqah, Syria via Airwars report.
348. July 27, 2017 near Raqqah, Syria via Airwars report.
349. July 27, 2017 near Tarmiyah, Iraq via Airwars report.
350. July 27, 2017 near Al Qaim, Iraq via Airwars report.
351. July 27, 2017 near Raqqah, Syria via Airwars report.
352. July 28, 2017, near Raqqah, Syria via Airwars report.
353. July 28, 2017 near Graneej, Syria via Airwars report.
354. July 28, 2017 near Mayadin, Syria via Airwars report.
355. July 28, 2017 near Raqqah, Syria via Airwars report.
356. July 28, 2017 near Raqqah, Syria via Airwars report.
357. July 28, 2017 near Raqqah, Syria via Airwars report.
358. July 29, 2017 near Anah, Iraq via Airwars report.
359. July 30, 2017 near Raqqah, Syria via Airwars report.
360. July 30, 2017 near Raqqah, Syria via Airwars report.
361. July 31, 2017, near Raqqah, Syria via Airwars report.
362. July 31, 2017, near Raqqah, Syria via Airwars report.
363. July 31, 2017 near Al A'shara, Syria via Airwars report.
364. July 31, 2017 near Dablan, Syria via Airwars report.
365. July 31, 2017 near Dablan, Syria via Airwars report.
366. July 31, 2017 near Deir ez-Zoor, Syria via Airwars report.
367. Aug. 1, 2017, near Al Qa'im, Iraq, via Airwars report.
368. Aug. 1, 2017, near Kadiya (Duhok), Iraq, via self-report.
369. Aug. 1, 2017 near Tal Afar, Iraq via Airwars report.



370. Aug. 1, 2017 near Raqqah, Syria via Airwars report.

371. Aug. 1, 2017 near Raqqah, Syria via Airwars report.

372. Aug. 1, 2017 near Makla, Syria via Airwars report.

373. Aug. 1, 2017 near Raqqah, Syria via Airwars report.

374. Aug. 1, 2017 near Al Kashkiya, Syria via Airwars report.

375. Aug. 2, 2017 near Raqqah, Syria via Airwars report.

376. Aug. 2, 2017 near Raqqah, Syria via Airwars report.

377. Aug. 2, 2017 near Raqqah, Syria via Airwars report.

378. Aug. 2, 2017 near Abu Kamal, Syria via Airwars report.

379. Aug. 2, 2017 near Raqqah, Syria via Airwars report.

380. Aug. 2, 2017 near Al Tabani, Syria via Airwars report.

381. Aug. 3, 2017, near Raqqa, Syria, via self-report.

382. Aug. 3, 2017 near Raqqah, Syria via Airwars report.

383. Aug. 3, 2017 near Maizeela, Syria via Airwars report.

384. Aug. 3, 2017 near Raqqah, Syria via Airwars report.

385. Aug. 4, 2017, near Raqqah, Syria, via media report.

386. Aug. 4, 2017 near Raqqah, Syria via Airwars report.

387. Aug. 4, 2017 near Orme al Kubra, Syria via Airwars report.

388. Aug. 4, 2017 near Al Abbasiyah, Iraq via Airwars report.

389. Aug. 4, 2017 near Hamra Buweitiya, Syria via Airwars report.

390. Aug. 4, 2017 near Al Tabani, Syria via Airwars report.

391. Aug. 4, 2017 near Al Hammadi, Syria via Airwars report.

392. Aug. 4, 2017 near Raqqah, Syria via Airwars report.

393. Aug. 5, 2017 near Raqqah, Syria via Airwars report.

394. Aug. 5, 2017 near Raqqah, Syria via Airwars report.

395. Aug. 5, 2017 near Al Fadaghmi, via Airwars report.

396. Aug. 6, 2017, near Ash Shaddadi, Syria, via self-report.

397. Aug. 6, 2017 near Raqqah, Syria via Airwars report.

398. Aug. 6, 2017 near Raqqah, Syria via Airwars report.

399. Aug. 6, 2017 near Kashkiyah, Syria via Airwars report.

400. Aug. 6, 2017 near Al Mayadin, Syria via Airwars report.

401. Aug. 6, 2017 near Al Shirkat, Iraq via Airwars report.

402. Aug. 6, 2017 near Raqqah, Syria via Airwars report.

403. Aug. 6, 2017 near Al Bouliayal, Syria via Airwars report.

404. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

405. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

406. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

407. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

408. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

409. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

410. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

411. Aug. 7, 2017 near Raqqah, Syria via Airwars report.

412. Aug. 7, 2017 near Al Dasheisha, Syria via Airwars report.

413. Aug. 7, 2017 near Al Mayadin, Syria via Airwars report.

414. Aug. 8, 2017 near Raqqah, Syria via Airwars report.

415. Aug. 9, 2017 near Raqqah, Syria via Airwars report.

416. Aug. 9, 2017 near Raqqah, Syria via Airwars report.

417. Aug. 9, 2017 near Raqqah, Syria via Airwars report.

418. Aug. 9, 2017 near Etwim, Iraq via Airwars report.

419. Aug. 9, 2017 near Raqqah, Syria via Airwars report.

420. Aug. 10, 2017 near Raqqah, Syria via Airwars report.

421. Aug. 11, 2017 near Raqqah, Syria via Airwars report.

422. Aug. 12, 2017, near Al Mazara' (Tal Afar), Iraq, via social media report.

423. Aug. 12, 2017 near Hatla, Syria, via Airwars report.

424. Aug. 12, 2017 near Raqqah, Syria via Airwars report.

425. Aug. 12, 2017 near Raqqah, Syria via Airwars report.

426. Aug. 12, 2017 near Marqadah, Syria via Airwars report.

427. Aug. 13, 2017 near Raqqah, Syria via Airwars report.

428. Aug. 13, 2017 near Raqqah, Syria via Airwars report.

429. Aug. 15, 2017 near Al Mesrab, Syria via Airwars report.

430. Aug. 15, 2017 near Raqqah, Syria via Airwars report.

431. Aug. 16, 2017 near Raqqah, Syria via Airwars report.

432. Aug. 16, 2017 near Raqqah, Syria via Airwars report.

433. Aug. 16, 2017 near Subikhan, Syria via Airwars report.

434. Aug. 16, 2017 near Al Zabari, Syria via Airwars report.

435. Aug. 17, 2017 near Raqqah, Syria via Airwars report.

436. Aug. 17, 2017 near Raqqah, Syria via Airwars report.

437. Aug. 18, 2017 near Raqqah, Syria via Airwars report.

438. Aug. 18, 2017 near Raqqah, Syria via Airwars report.

439. Aug. 18, 2017 near Raqqah, Syria via Airwars report.

440. Aug. 19, 2017 near Raqqah, Syria via Airwars report.

441. Aug. 19, 2017 near Raqqah, Syria via Airwars report.

- 442. Aug. 19, 2017 near Dasheisha, Syria via Airwars report.
- 443. Aug. 19, 2017 near Anah, Iraq via Airwars report.
- 444. Aug. 19, 2017 near Al Qaim, Iraq via Airwars report.
- 445. Aug. 19, 2017 near Tal Afar, Iraq via Airwars report.
- 446. Aug. 19, 2017 near Raqqah, Syria via Airwars report.
- 447. Aug. 19, 2017 near Raqqah, Syria via Airwars report.
- 448. Aug. 19, 2017 near Raqqah, Syria via Airwars report.
- 449. Aug. 19, 2017 near Raqqah, Syria via Airwars report.
- 450. Aug. 20, 2017, near Raqqah, Syria, via media report.
- 451. Aug. 20, 2017 near Raqqah, Syria via Airwars report.
- 452. Aug. 20, 2017 near Raqqah, Syria via Airwars report.
- 453. Aug. 20, 2017 near Raqqah, Syria via Airwars report.
- 454. Aug. 20, 2017 near Raqqah, Syria via Airwars report.
- 455. Aug. 21, 2017, near Tal Afar, Iraq via Airwars report.
- 456. Aug. 21, 2017 near Raqqah, Syria via Airwars report.
- 457. Aug. 21, 2017 near Raqqah, Syria via Airwars report.
- 458. Aug. 21, 2017 near Raqqah, Syria via Airwars report.
- 459. Aug. 21, 2017 near Tal Afar, Iraq via self-report.
- 460. Aug. 22, 2017 near Shaddadi, Syria via Airwars report.
- 461. Aug. 22, 2017 near Raqqah, Syria via Airwars report.
- 462. Aug. 23, 2017 near Al Mayadin, Syria via Airwars report.
- 463. Aug. 23, 2017 near Tal Jayar, Syria via Airwars report.
- 464. Aug. 23, 2017 near Karabla, Qaiem, Iraq via Airwars report.
- 465. Aug. 23, 2017 near Raqqah, Syria via Airwars report.

466. Aug. 23, 2017 near Raqqah, Syria via Airwars report.
467. Aug. 24, 2017 near Deir Ez-Zoor, Syria via Airwars report.
468. Aug. 24, 2017 near Raqqah, Syria via Airwars report.
469. Aug. 25, 2017 near Raqqah, Syria via Airwars report.
470. Aug. 25, 2017 near Raqqah, Syria via Airwars report.
471. Aug. 25, 2017 near Raqqah, Syria via Airwars report.
472. Aug. 25, 2017 near Raqqah, Syria via Airwars report.
473. Aug. 26, 2017 near Raqqah, Syria via Airwars report.
474. Aug. 26, 2017 near Al Mayadin, Syria via Airwars report.
475. Aug. 27, 2017 near Raqqah, Syria via Airwars report.
476. Aug. 27, 2017 near Raqqah, Syria via Airwars report.
477. Aug. 27, 2017 near Raqqah, Syria via Airwars report.
478. Aug. 27, 2017 near Tal Afar, Iraq via Airwars report.
479. Aug. 27, 2017 near Raqqah, Syria via Airwars report.
480. Aug. 27, 2017 near Raqqah, Syria via Airwars report.
481. Aug. 28, 2017 near Tarif, Syria via Airwars report.
482. Aug. 28, 2017 near Raqqah, Syria via Airwars report.
483. Aug. 28, 2017 near Raqqah, Syria via Airwars report.
484. Aug. 29, 2017 near Raqqah, Syria via Airwars report.
485. Aug. 29, 2017 near Raqqah, Syria via Airwars report.
486. Aug. 30, 2017 near Iraq-Syria Border via Airwars report.
487. Aug. 30, 2017 near Al Qaim, Iraq via Airwars report.
488. Aug. 30, 2017 near Al Hawaji, Syria via Airwars report.
489. Sep. 5, 2017 near Al Naim (Dawar al Naim), Syria via social media report.

490. Sept. 8, 2017, near An Nadah, Syria via media report.
491. Sept. 14, 2017, near Mayadin, Syria, via Airwars report.
492. Sept. 17, 2017, near Husaybah, Iraq via social media report.
493. Sept. 19, 2017, near Hawijah, Iraq via Airwars report.
494. Oct. 2, 2017, near Al Tawassoeiyah, Syria via social media report.
495. Oct. 3, 2017 near Raqqah, Syria via social media report.
496. Oct. 4, 2017, near Raqqah, Syria via Airwars report.
497. Oct. 10, 2017, near Dayr az Zawr, Syria via self-report.
498. Oct. 17, 2017, near Abu Kamal, Syria via Airwars report.
499. Oct. 19, 2017, near Abu Kamal, Syria via self-report.
500. Oct. 21, 2017, near Abu Kamal, Syria via self-report.
501. Oct. 31 2017, near Al Qaim, Iraq via self-report.
502. Nov. 1, 2017 near Al Hiri village, Deir Ezzour, Syria via Airwars report.
503. Nov. 11, 2017 near Hassakah, Syria via s self-report.
504. Nov. 16, 2017 near Al Shadadi, Syria via self-report.
505. Nov. 28, 2017 near El Qata, Syria via self-report.
506. Nov. 30, 2017 near Darnaj, Syria via self-report.
507. Dec. 1, 2017 near Al Burham, Syria via self-report.
508. Dec. 22, 2017 near Hajin, Syria va social media report.
509. Dec. 25, 2017 near Kharayij, Syria via self-report.
510. Dec. 28, 2017 near Rayhaniyah, Syria via self-report.
511. Dec. 30, 2017 near Al Bahrah, Syria via social media report.
512. Jan. 18, 2018 near Abu Kamal, Syria via self-report.
513. Jan. 20, 2018 near Al Bahrah, Syria via self-report.

- 514. Jan. 20, 2018 near Al Kashmah, Syria via self-report.
- 515. Jan. 26, 2018 near Al Bahrah, Syria via social media report.
- 516. Jan. 27 2018 near Al-Baghdadi, Iraq via social media report.
- 517. Feb. 2, 2018 near Al Bahra, Syria via Airwars report.
- 518. Feb. 4, 2018 near Al Bahra, Syria via Airwars report.
- 519. Feb. 6, 2018 near Al Shafaa, Syria via self-report.
- 520. Feb. 7, 2018 near Al Asbah Farms, Syria via self-report.
- 521. Feb. 9, 2018 near Al Shafaa, Syria via self-report.
- 522. Feb. 9, 2018 near Al Bahrah, Syria via self-report.