

OPERATION ALEPPO

Russia's War in Syria

**The Inside Story of
Putin's Military
Intervention in the
Syrian War**

TIM RIPLEY

OPERATION ALEPPO:

RUSSIA'S WAR IN SYRIA

TIM RIPLEY

Operation Aleppo

Back Ground Material

*Related to Chapters 5, 6, 7 and 8, relating
to Russian air operations in September to
December 2015*

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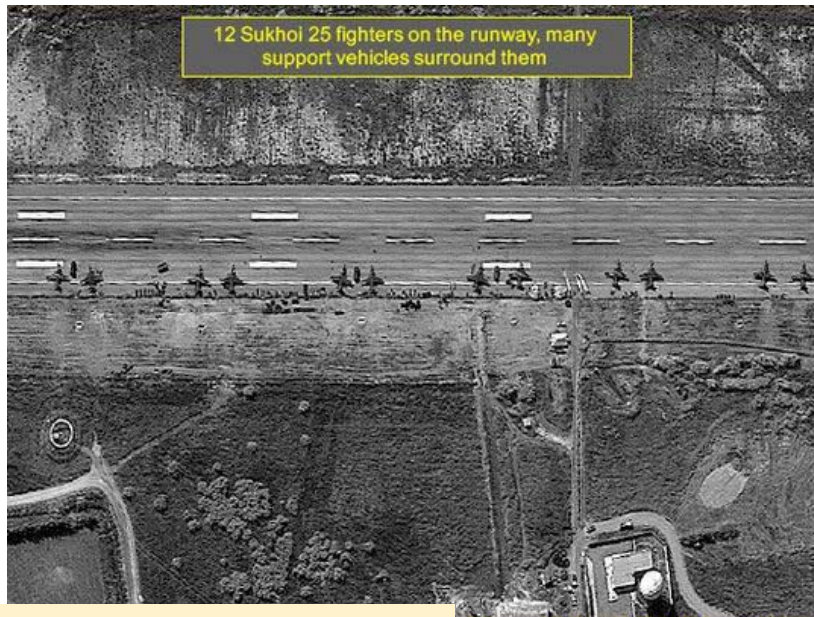
Satellite Imagery of Russia's main airbase in Syria, Sept-Dec 2015



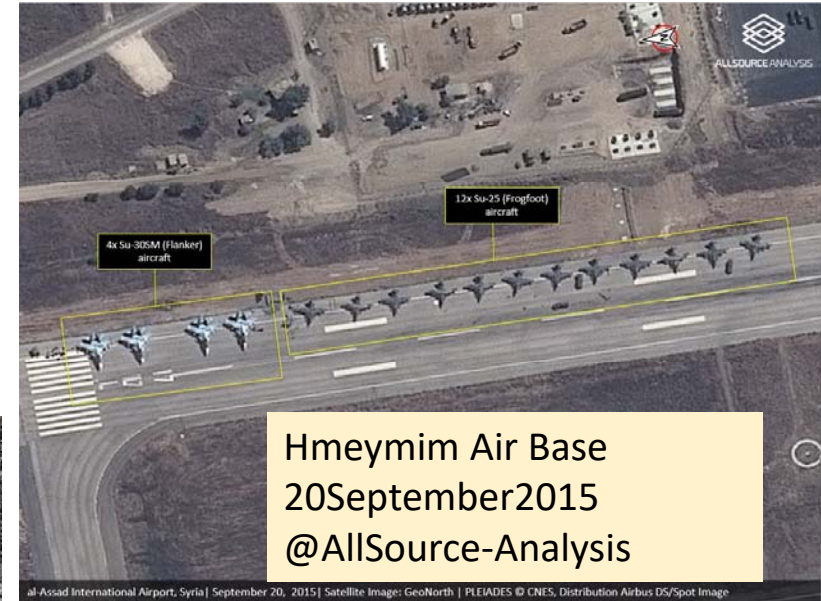
Hmeymim Air Base 20 Sept 2015 @AllSourceAnalysis



Hmeymim Air Base, 25 Dec 15 @m3tM tr0n



Syria-Russian-fighters at Hmeymim Air Base , 10 Nov 15



Hmeymim Air Base 20 September 2015 @AllSource-Analysis



Airbus Defence and Space imagery shows that the number of Russian Su-34 strike aircraft deployed to Humaymim Air Base in Syria increased from four to eight between 1 and 7 December.

© CNES 2015, Distribution Airbus DS / © 2015 IHS: 1535956

Hmeymim Air Base, Jane's 11 DEC 15

New Russian 3M-54E Kalibr Cruise Missile Strike northern Syria
And Putin Briefing in Moscow, 17th November 2015

https://www.youtube.com/watch?feature=player_embedded&v=RS2w1zzLrmg

Social Media Images: Source: <https://twitter.com/search?q=%23SYRIA>



Screen grabs from video using Russian MOD briefing on 17th Nov 2015 describing RuAF Long Range Bomber Strike on Syria

<https://www.youtube.com/watch?v=igzjX1IKULw>

RU MOD briefing on air strikes, 17th November 2015

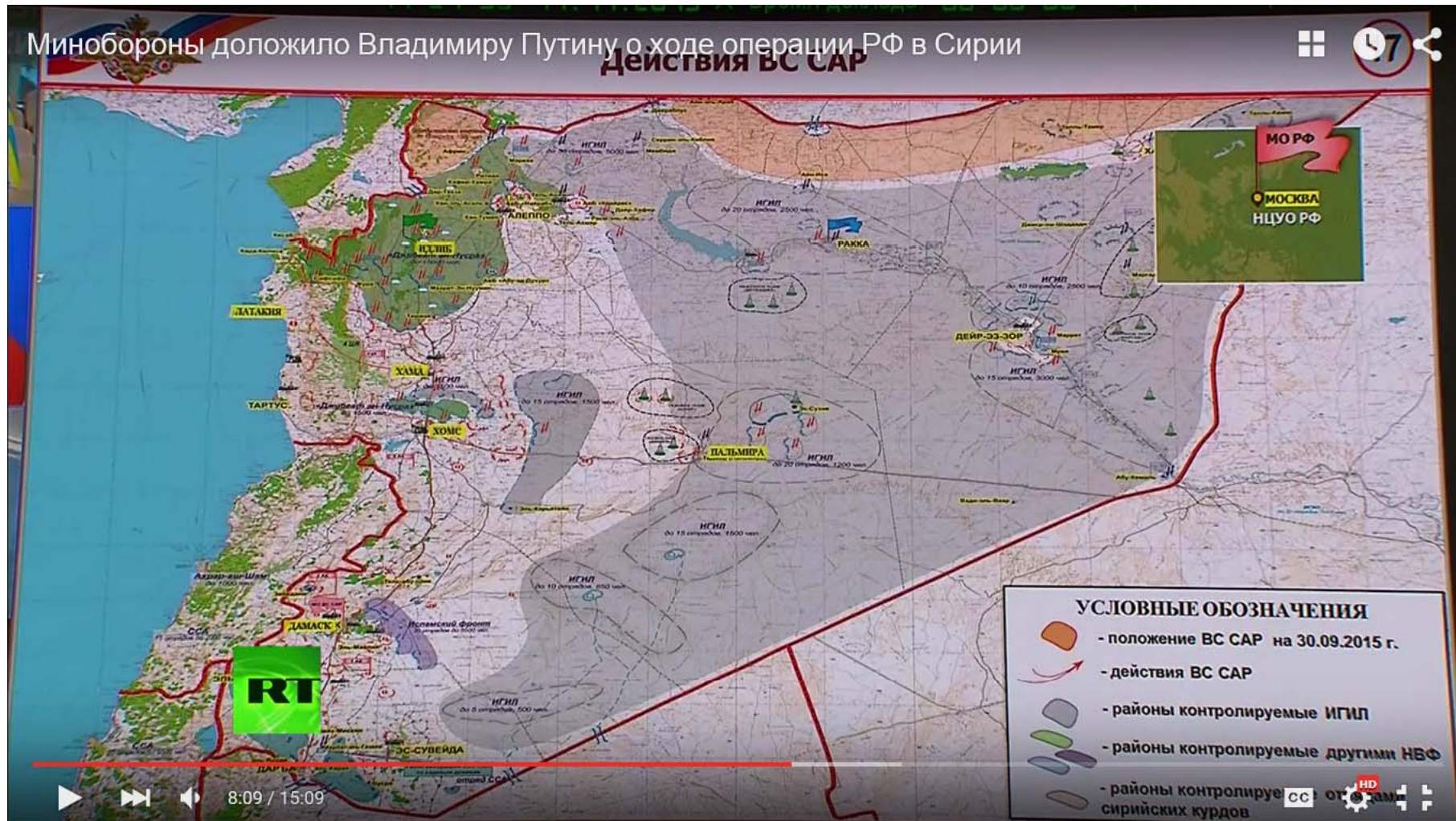
<http://eng.syria.mil.ru/en/index/syria/news/more.htm?id=12066124@egNews>



Russian MOD – Overall Situation 17 Nov 2015

Russian MOD Briefing to President Putin, 17th Nov 2015

https://www.youtube.com/watch?feature=player_embedded&v=RS2w1zzLrmg



Long Range Bomber Strike Overview

Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии

Ту-22МЗ

Группировка ИГИЛ на территории Идлиб
более 18 000 боев.,
танки - до 40 ед.,
более 1500 ед. АТ,
до 200 орудий ПА,
РСЗО и минометы.

ИГИЛ
приводит 2000 чел.

RT

0:26 / 15:09

Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии

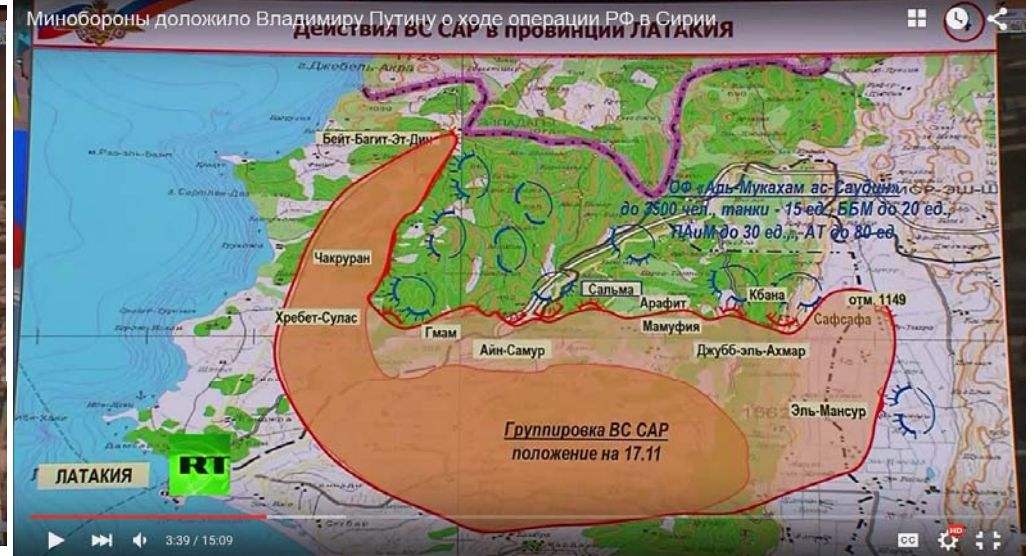
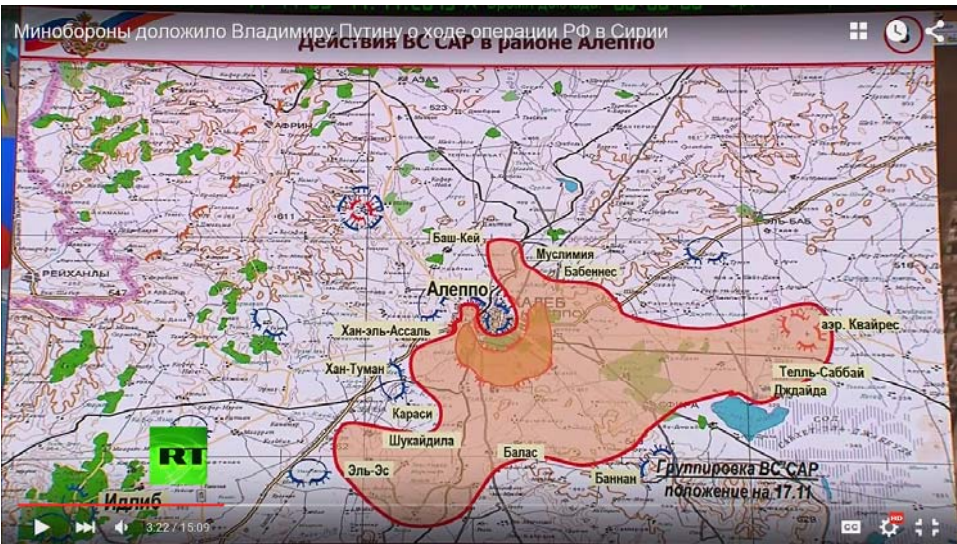
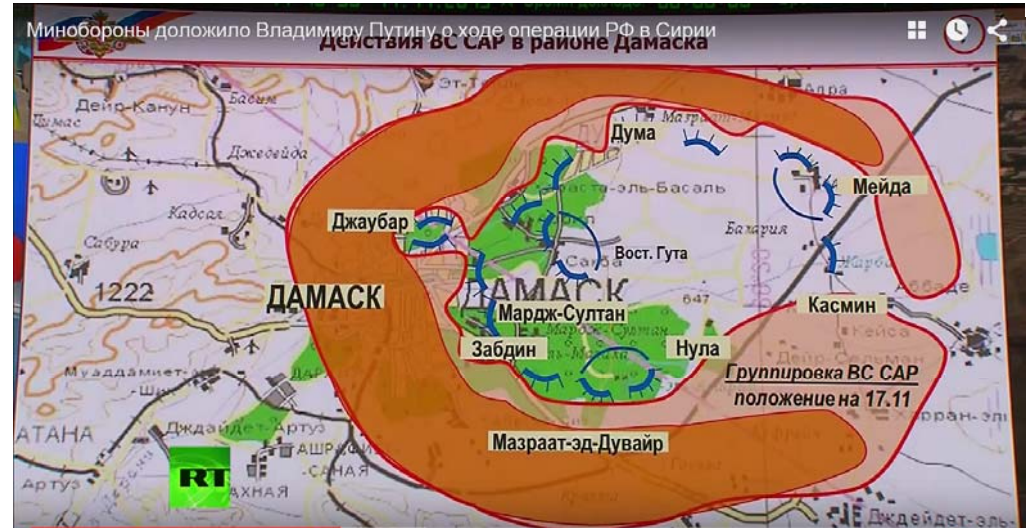
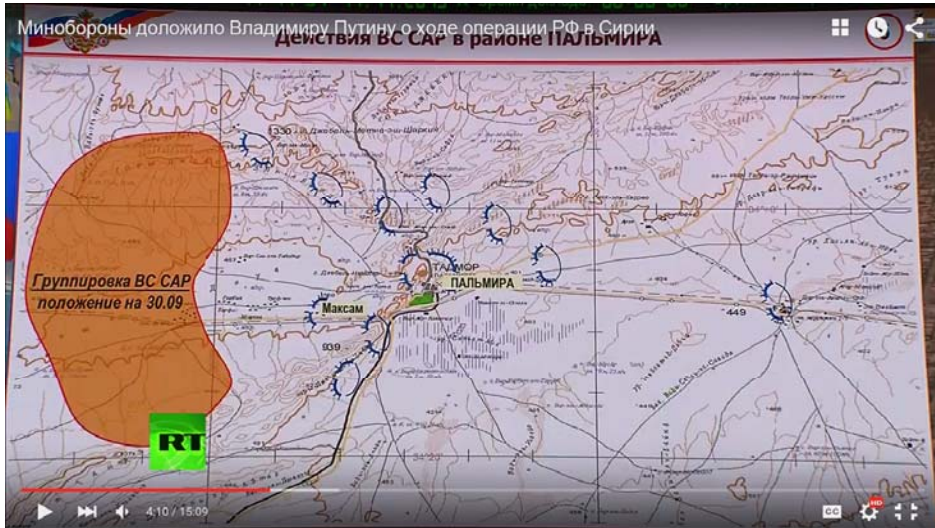
Великолепная авиационная группировка ВС РФ

Авиабригада ОН (азр. «Хмеймим»)		Авиационная группировка на территории РФ									
	4 ед.		3 ед.		5 ед.		14 ед.		8 ед.		4 ед.
	4 ед.							4 ед.			
	12 ед.							4 ед.			
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	4 ед.							4 ед.			

RT

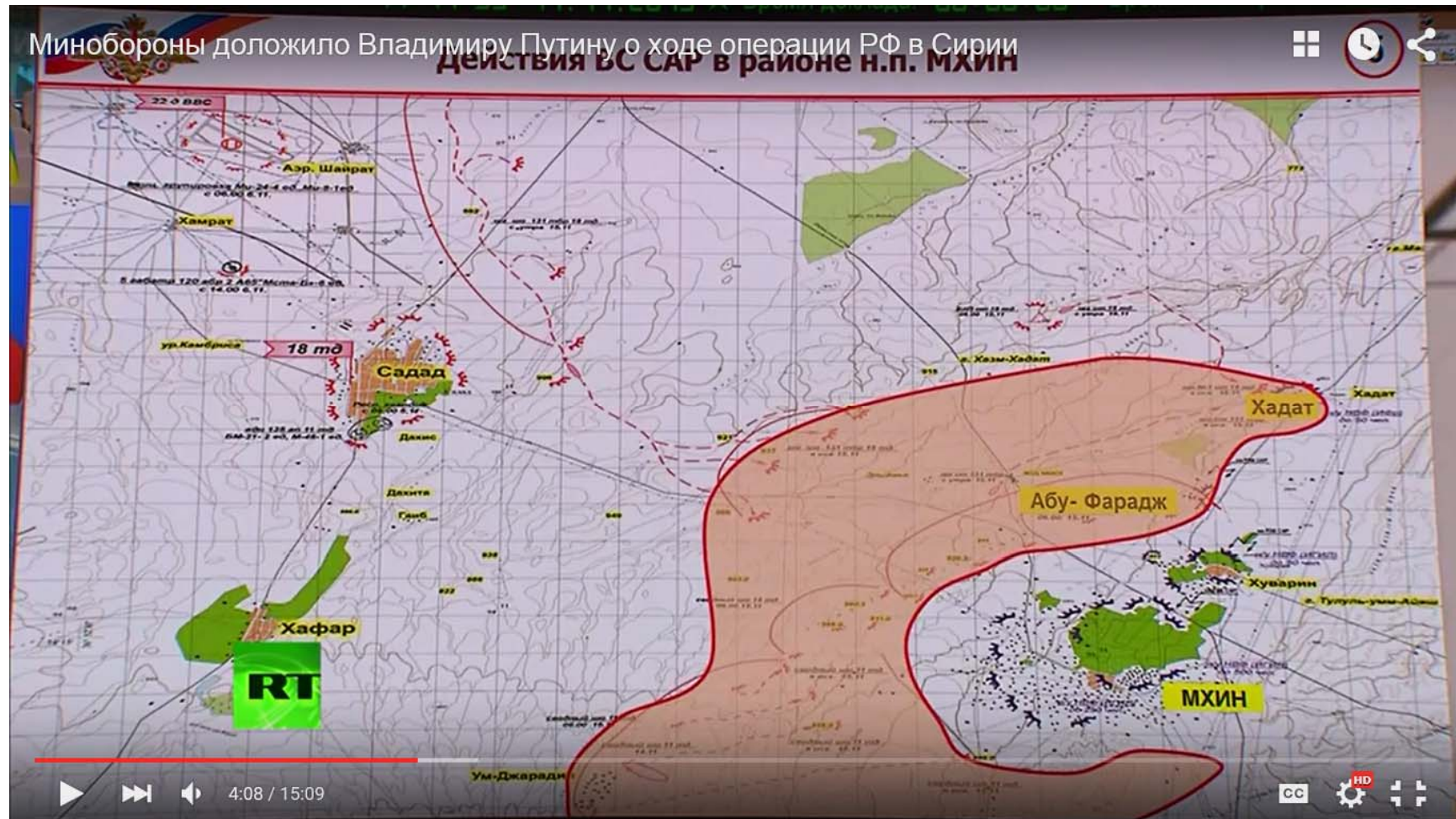
5:19 / 15:09

Syria - Detailed Maps from MOD Briefing



Tactical Situation Around Mahin

© timripley@hotmail.com



@ timrpley@hotmail.com

Tactical Situation Around Mahin



images of 2A65s shot in Syrian in Russian ownership earlier in September

<http://ruslanleviev.livejournal.com/42774.html>

[http://ruslanleviev.livejournal.com/44827.html?page=](http://ruslanleviev.livejournal.com/44827.html?page=1)

1



Shayrat Air Base
Russian Air Force
4 x Mi-24 (attack helicopters) and 1 x Mi-8 transport (helicopters)
From 6th Nov



Video imagery of MI-24 and 2A65 howitzers in Syrian desert 11th November 2015
<https://www.youtube.com/watch?v=bSKEbje2S88&feature=youtu.be>

Russian Army
5th battery of 120th artillery brigade
6 x 152mm 2A65 MSTA-B howitzers ,
from 6th Nov

Sadad
HQ Syrian 18th Division leading offensive against

Syrian Army Positions

Russian Air Group Tactical Ops – BDA Imagery

Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии
Действия ВКС ВС РФ в Сирийской Арабской Республике

С начала операции
совершено **2289** боевых вылетов
уничтожено **4111** объектов террористов

2:30 / 15:09

Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии
Действия ВКС ВС РФ в Сирийской Арабской Республике

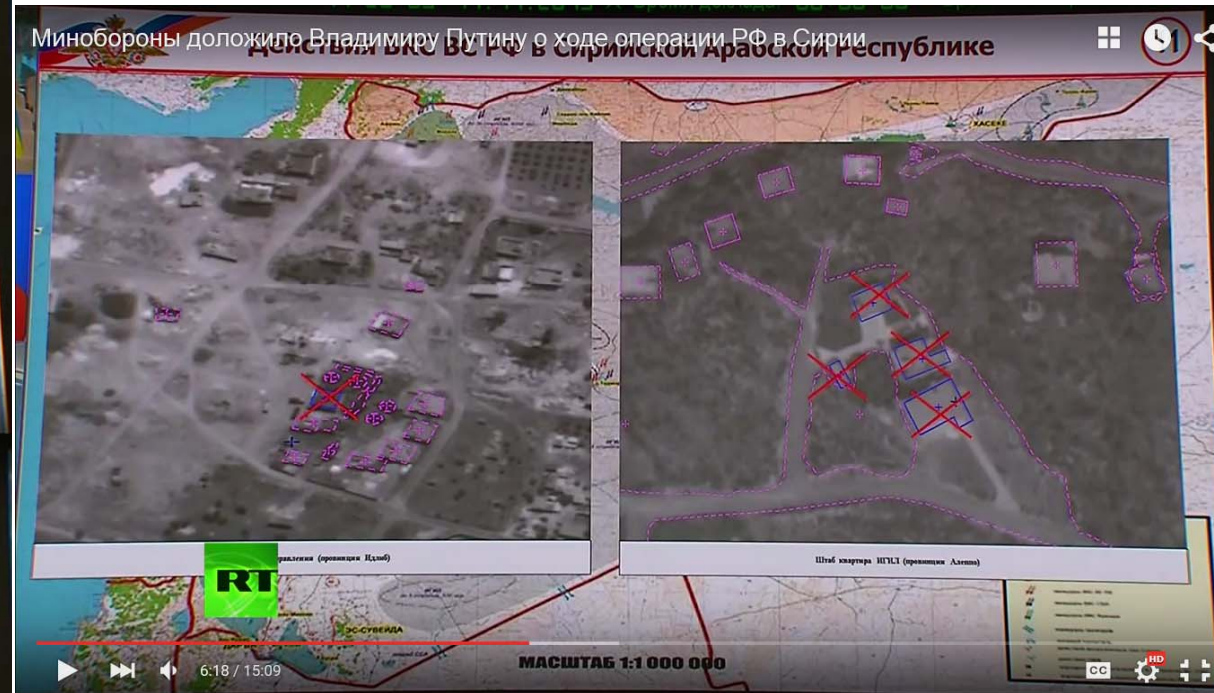
16:13:18

6:59 / 15:09

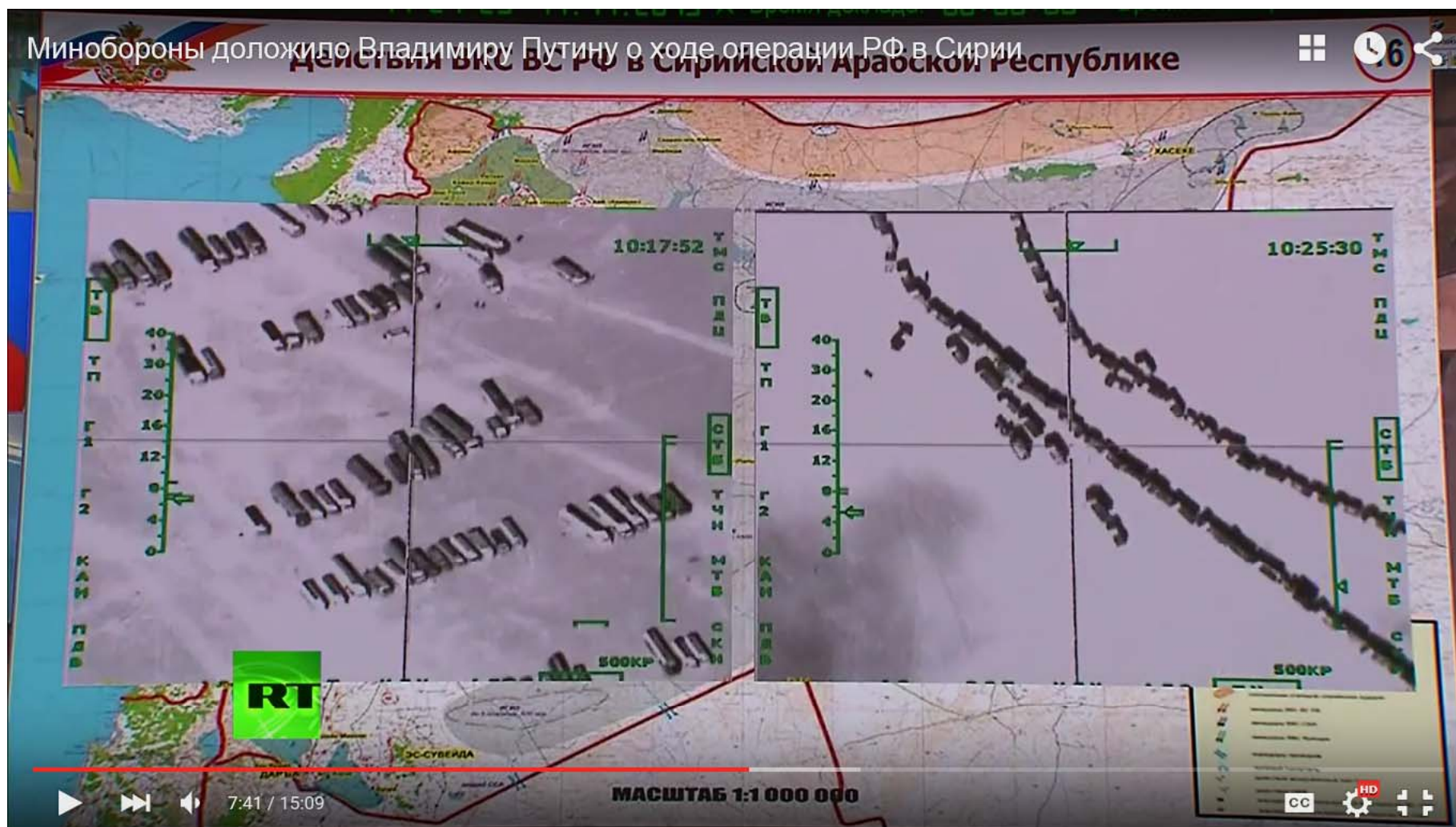
Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии
Действия ВКС ВС РФ в Сирийской Арабской Республике

RT

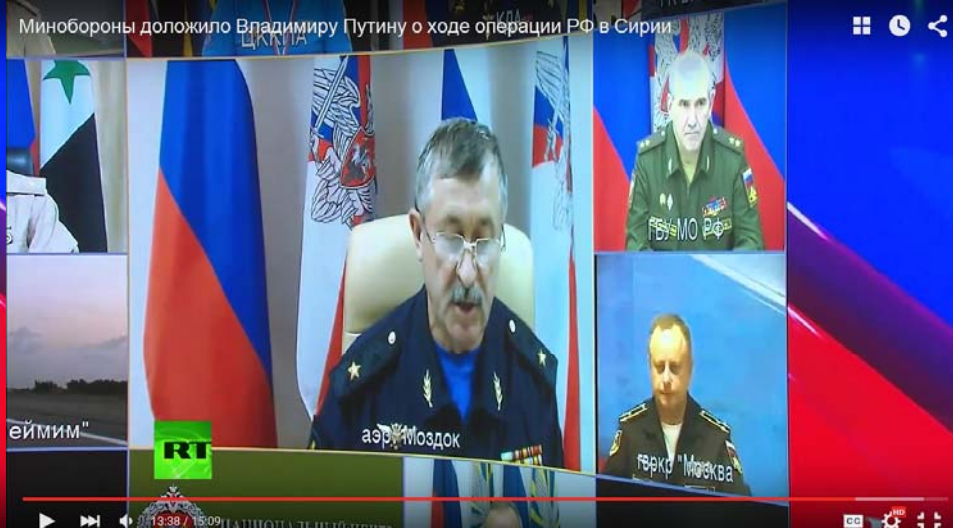
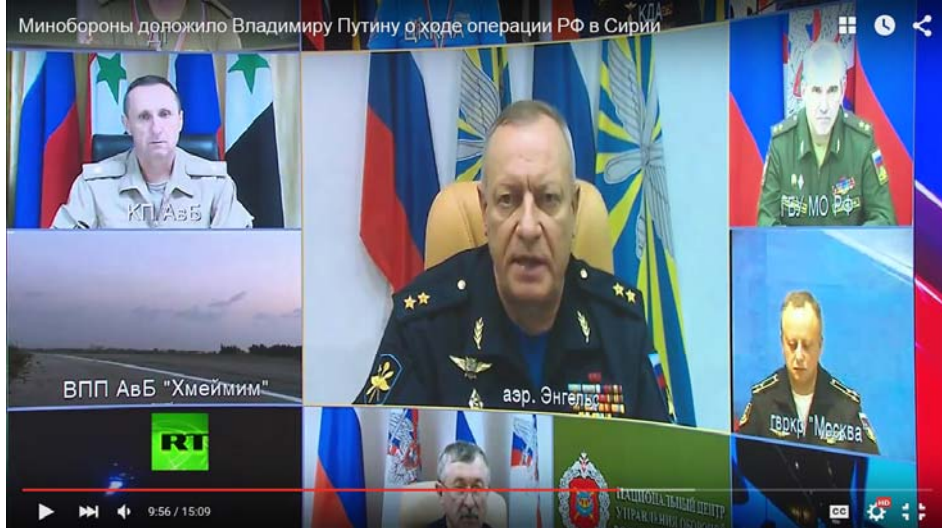
Long Range Bomber Strikes BDA Imagery



ISIS Oil Tanker Site – eastern Syria



MOSCOW MOD Command Post and Video Link to Deployed Command



Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии



12:32 / 15:09



Минобороны доложило Владимиру Путину о ходе операции РФ в Сирии



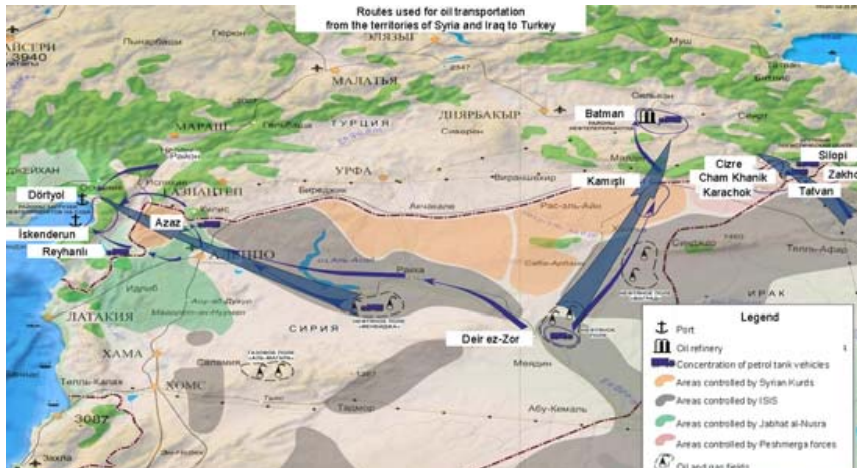
11:24 / 15:09



Ru MOD Briefings on Turkish links to ISIS oil trade, 2 Dec 2015

<https://www.rt.com/news/324263-russia-briefing-isis-funding/>

<https://www.youtube.com/watch?v=nMA4B2ZnQ2o>



Results of engagement of oil production, processing and storage facilities by the Russian Aerospace Forces

Engaged:

- 32 oil processing complexes
- 11 oil refineries
- 23 oil transfer stations

Destroyed:

- 1080 petrol tank vehicles, transporting oil products

Illegal oil turnover reduced by almost 50%. Terrorists' revenues from illegal oil operations have gone down from \$3 million to \$1.5 million a day

Oil storage facility near Khafsa Kabir settlement

Oil storage facility near Al-Thawrah settlement

Shielded oil extraction and storage facilities

Routes used for oil transportation to Turkey

Concentration of automobile vehicles 14 km to the south-west of Kamisli (Syria) August 24, 2015

- 17 tanker trucks and heavy vehicles
- 22 tanker trucks and heavy vehicles
- 43 tanker trucks and heavy vehicles

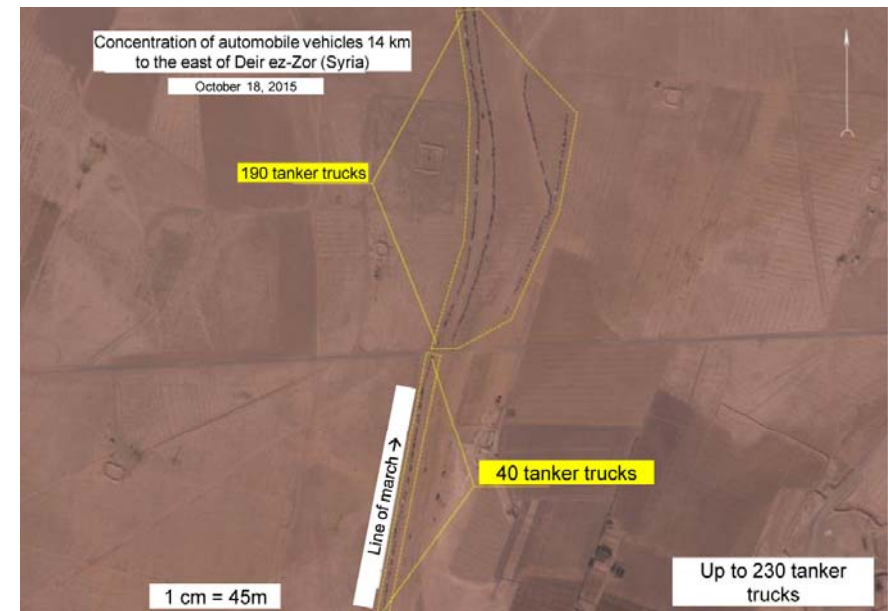
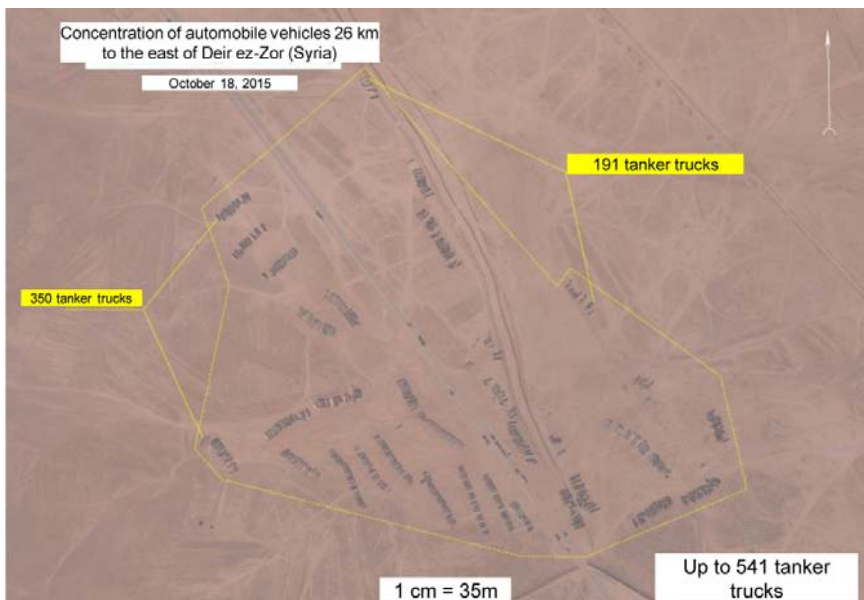
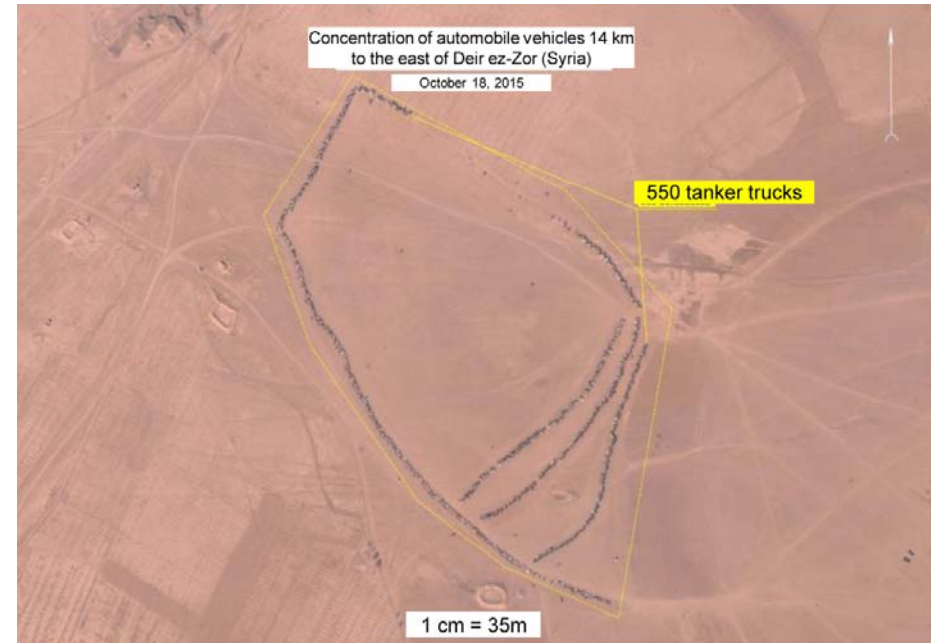
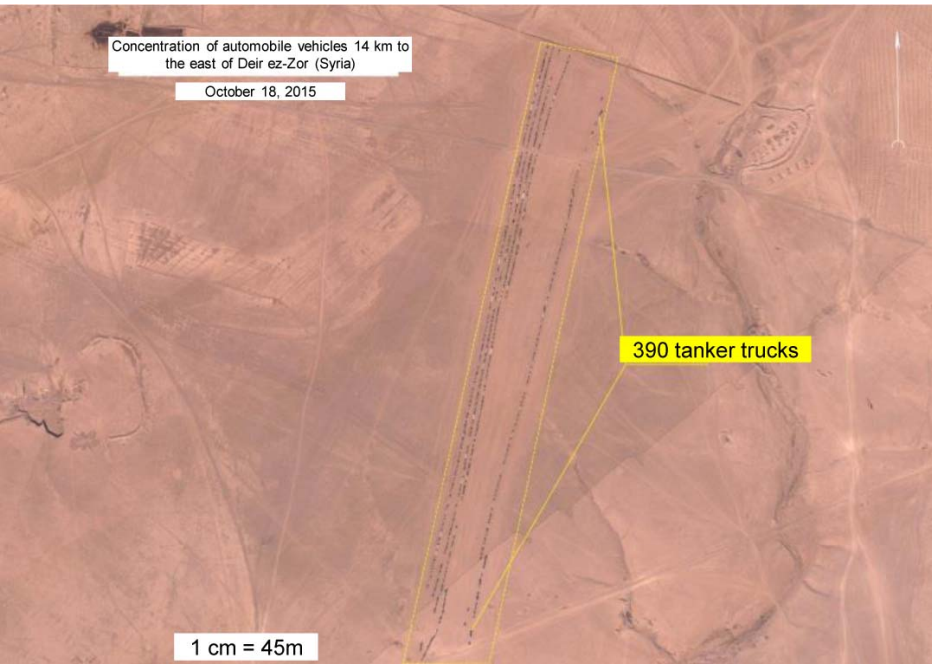
Line of march

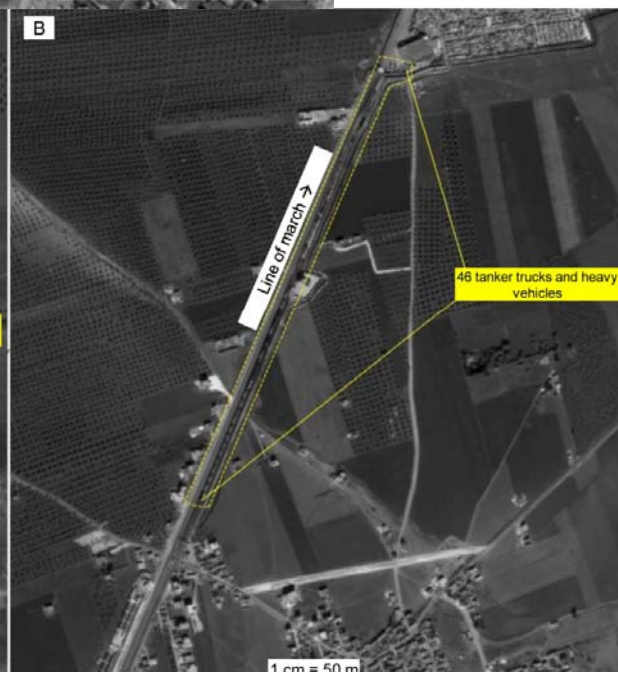
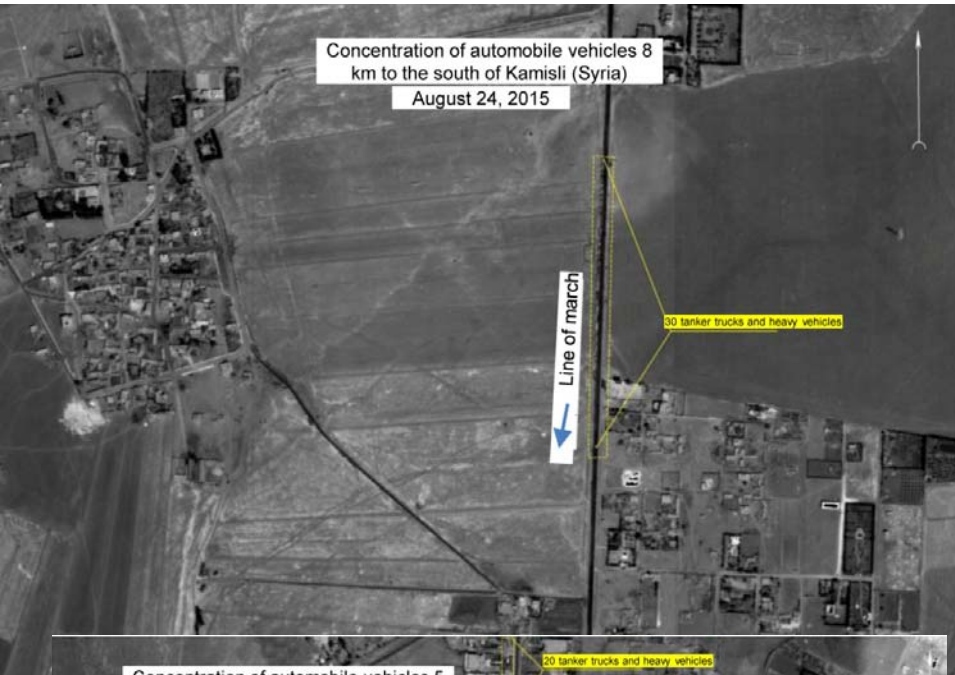
140 tanker trucks detected near Kamisli settlement

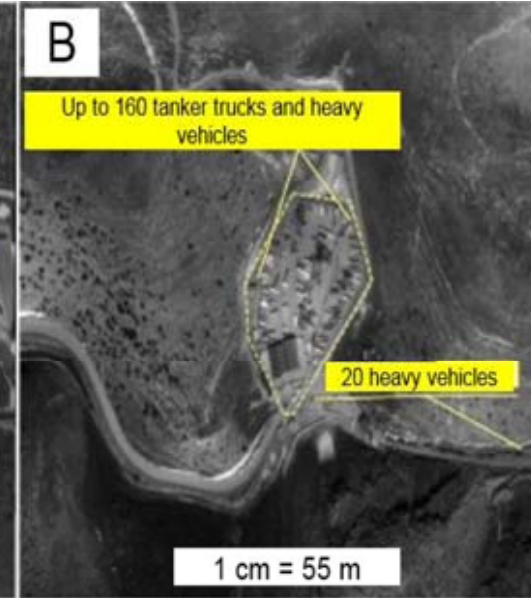
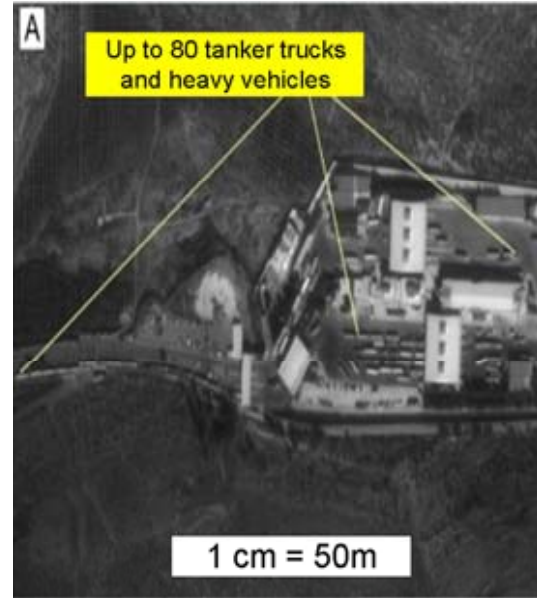
1 cm = 40 m

Legend

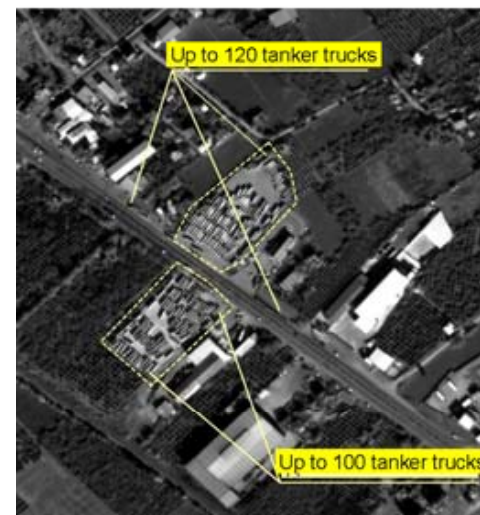
- Port
- Oil refinery
- Concentration of petrol tank vehicles
- Areas controlled by Syrian Kurds
- Areas controlled by ISIS
- Areas controlled by Jabhat al-Nusra
- Areas controlled by Peshmerga forces
- Oil and gas fields

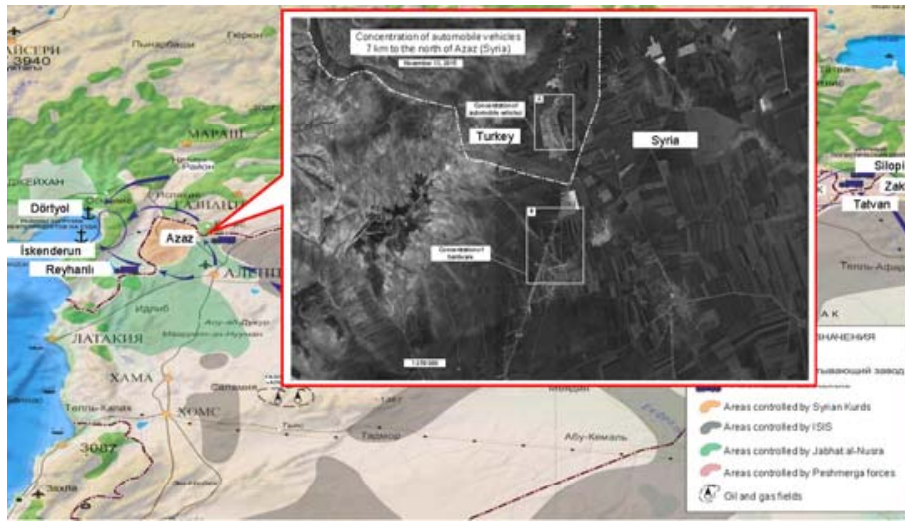


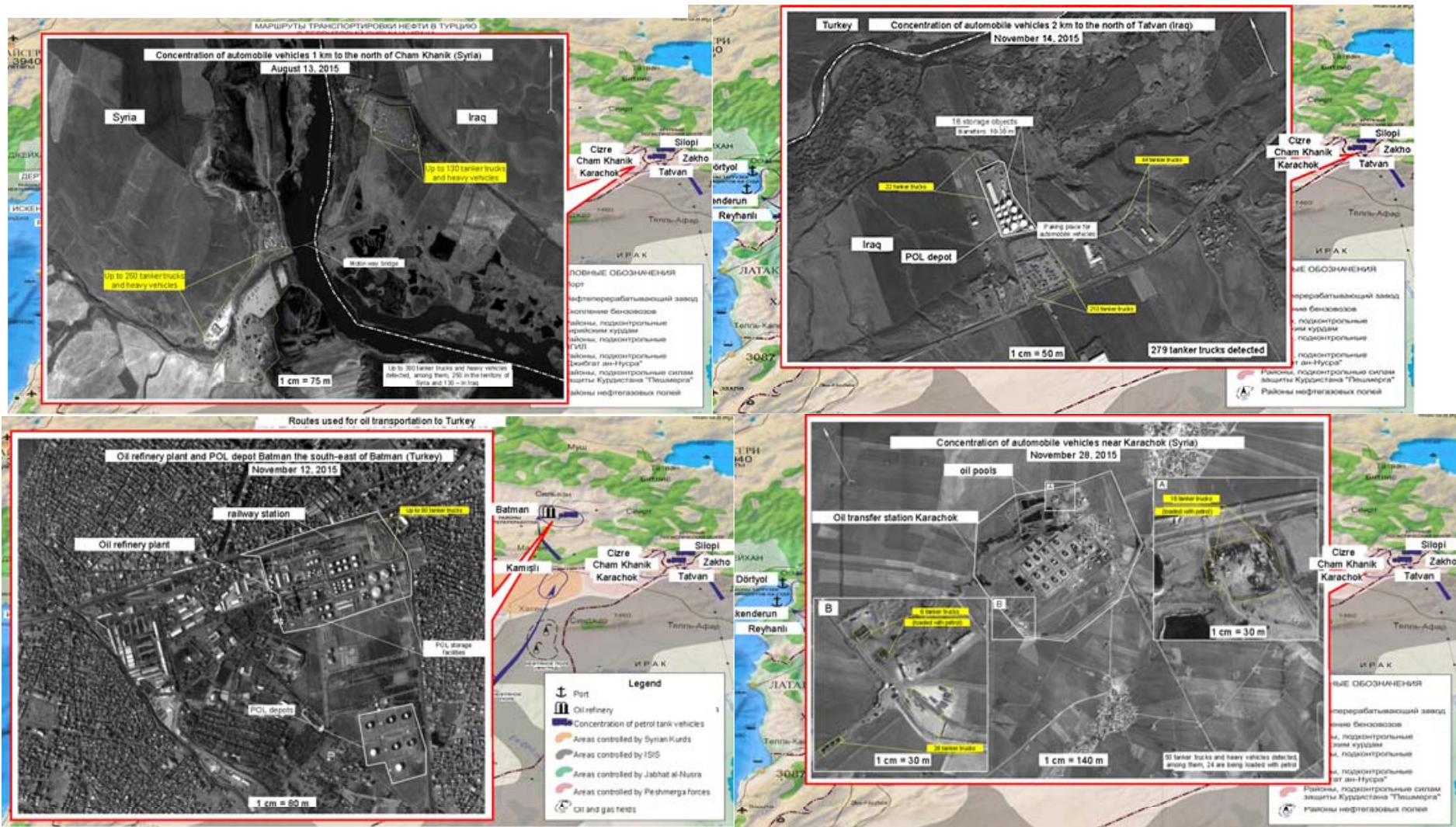


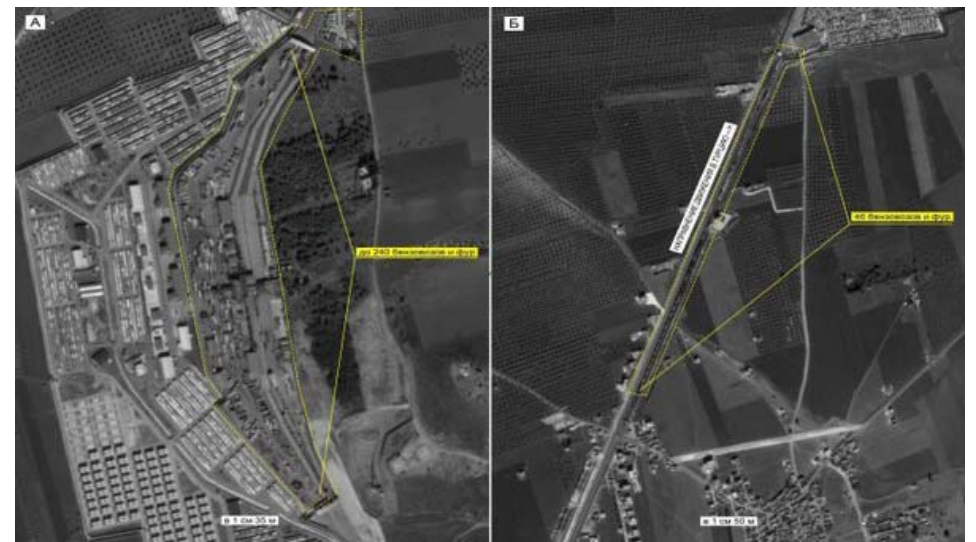


Concentration of tanker vehicles in the ports of Dörtiyol and Iskenderun









Further video clips of Russian air operations, Oct-Dec 2015

https://www.youtube.com/watch?v=xd9gPk-xT_Q

Strategic missile-carrying aircraft performed air-to-air refuelling in the course of the combat sorties with cruise missiles

Read more...

https://www.youtube.com/watch?time_continue=18&v=Ja_kvsngEFI

Iranian Tomcats escort the Russian air force!

<https://www.youtube.com/watch?v=ascSnBbxfU>