



# A Ride Over Israel Strategic Information Kit

*Produced by MSIS*



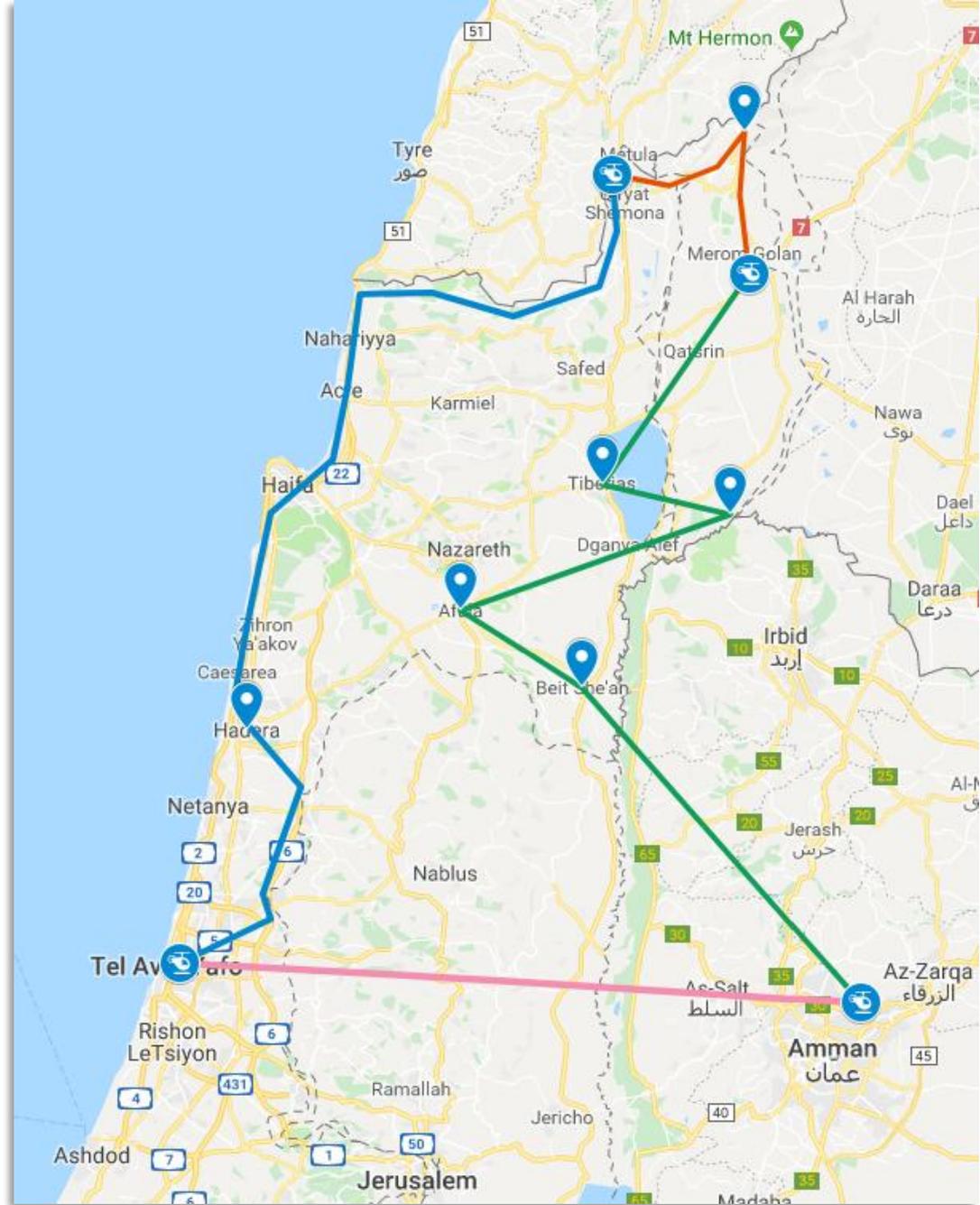
# Route

Tel Aviv
West Samaria
Hadera
Misgav Am

Misgav Am
Mount Hermon
Avital (Golan Hights)

Avital (Golan Hights)
Tiberias (Sea of Galilee)
Tripoint
Afula
Beit She'an
KASOTC

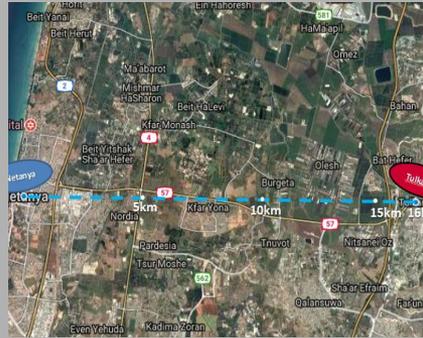
KASOTC
Tel Aviv



# Contents



**East Samaria**



**Narrow Waist**  
Creating Security Depth



**Lebanese Border**  
LH & UNIFIL



**Mount Hermon**



**Syrian Border and Golan Heights**  
ITN & ISIL & UNDOF



**Sea of Galilee**

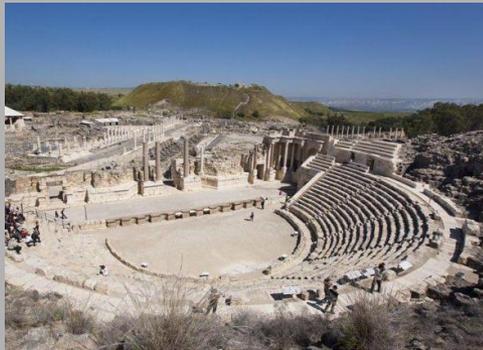


**Tripoint**

# Contents



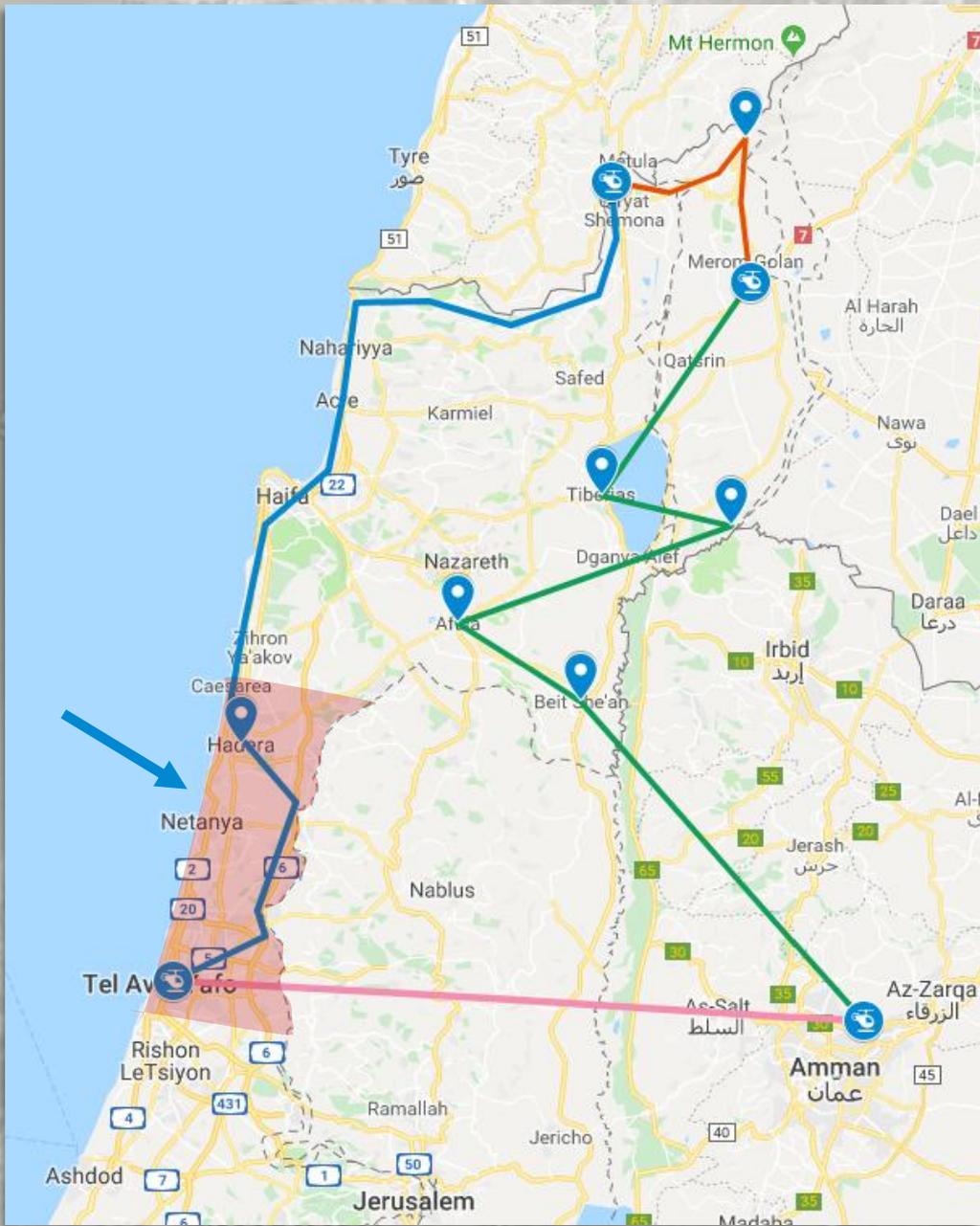
**Afula**



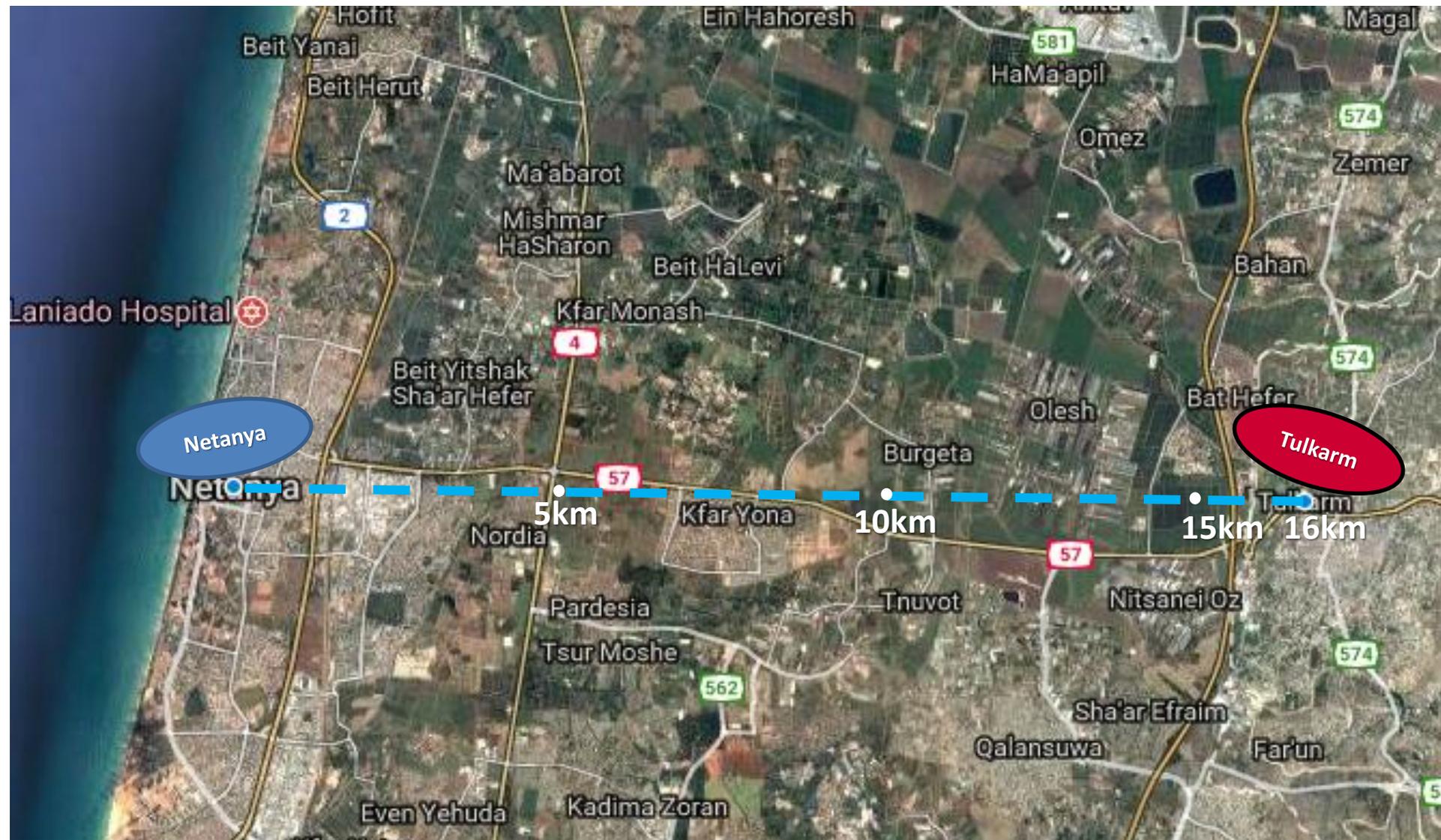
**Beit She'an**



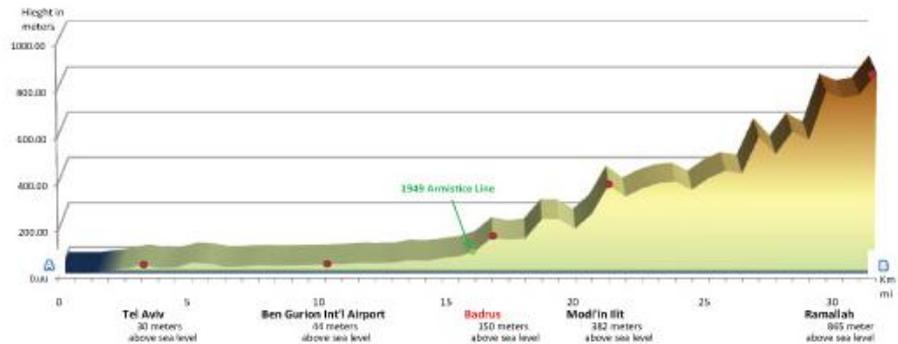
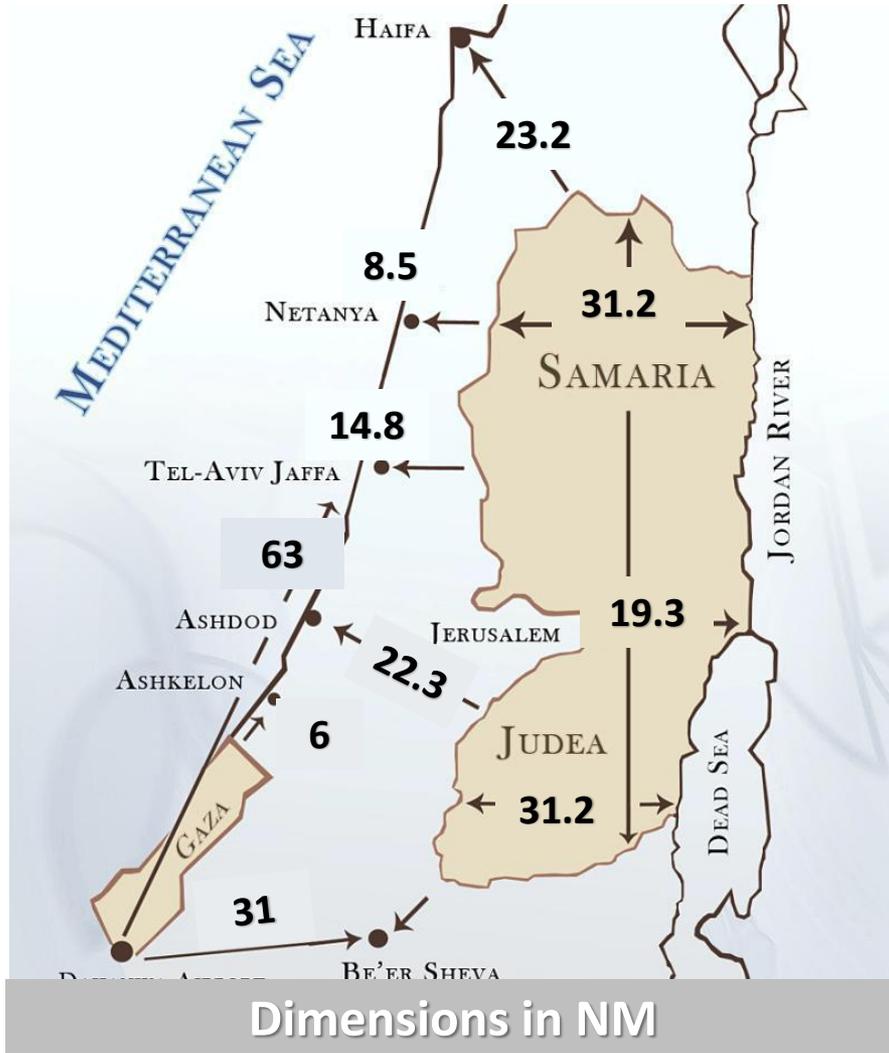
**Jordan Valley**  
Border of Peace



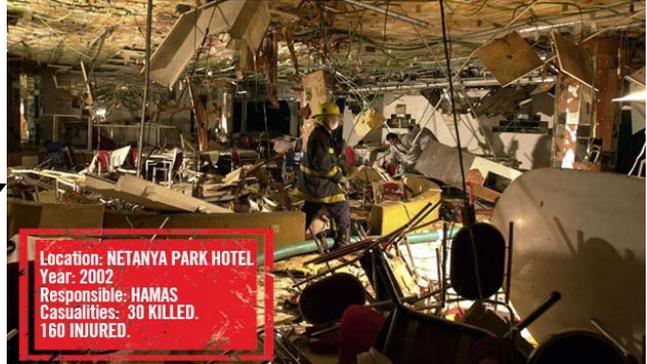
# Narrow Waist



## Narrow Waist: Lack of Strategic Depth



# Narrow Waist Topography Map



**Location: NETANYA PARK HOTEL**  
**Year: 2002**  
**Responsible: HAMAS**  
**Casualties: 30 KILLED, 160 INJURED.**

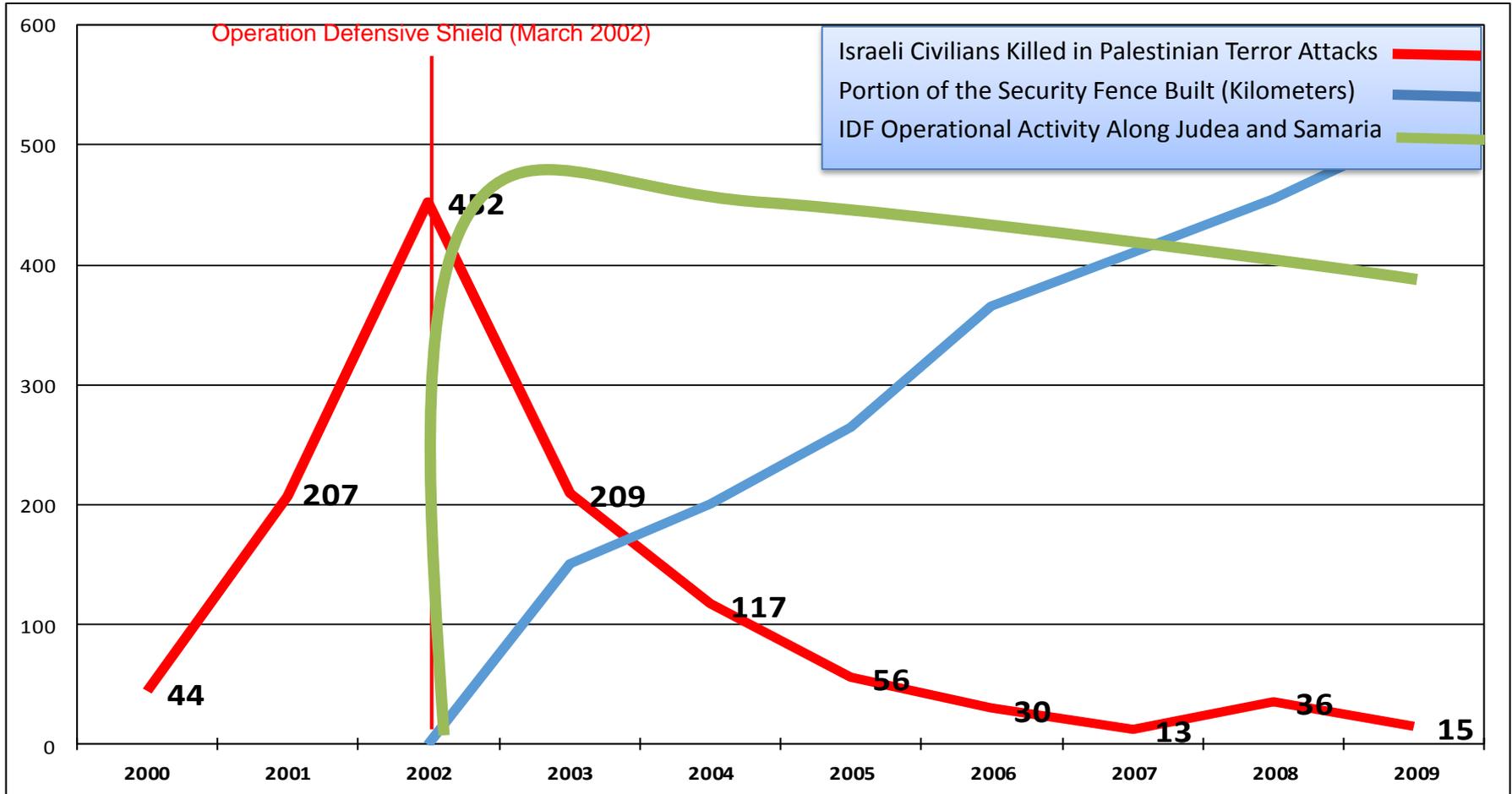
**Park Hotel Terrorist Attack Passover– 27.3.2002**



**Terrorist Attack near Netanya's Market– 30.06.16**



**Police Officer stabbed to death- Netanya 23.05.17**

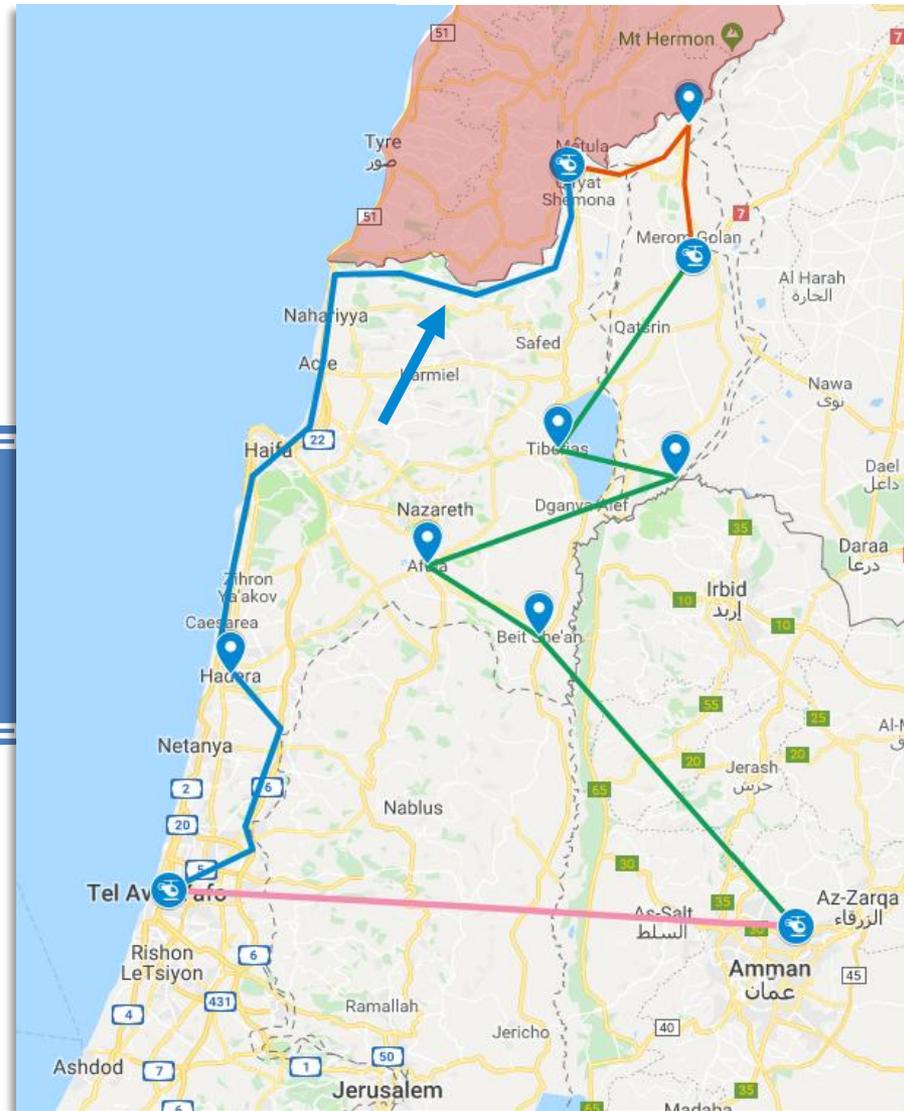


## Security Barrier: Enables Secure and Stable Life



## Creating Strategic Depth Early Warning and Reaction Time

# Lebanese Front





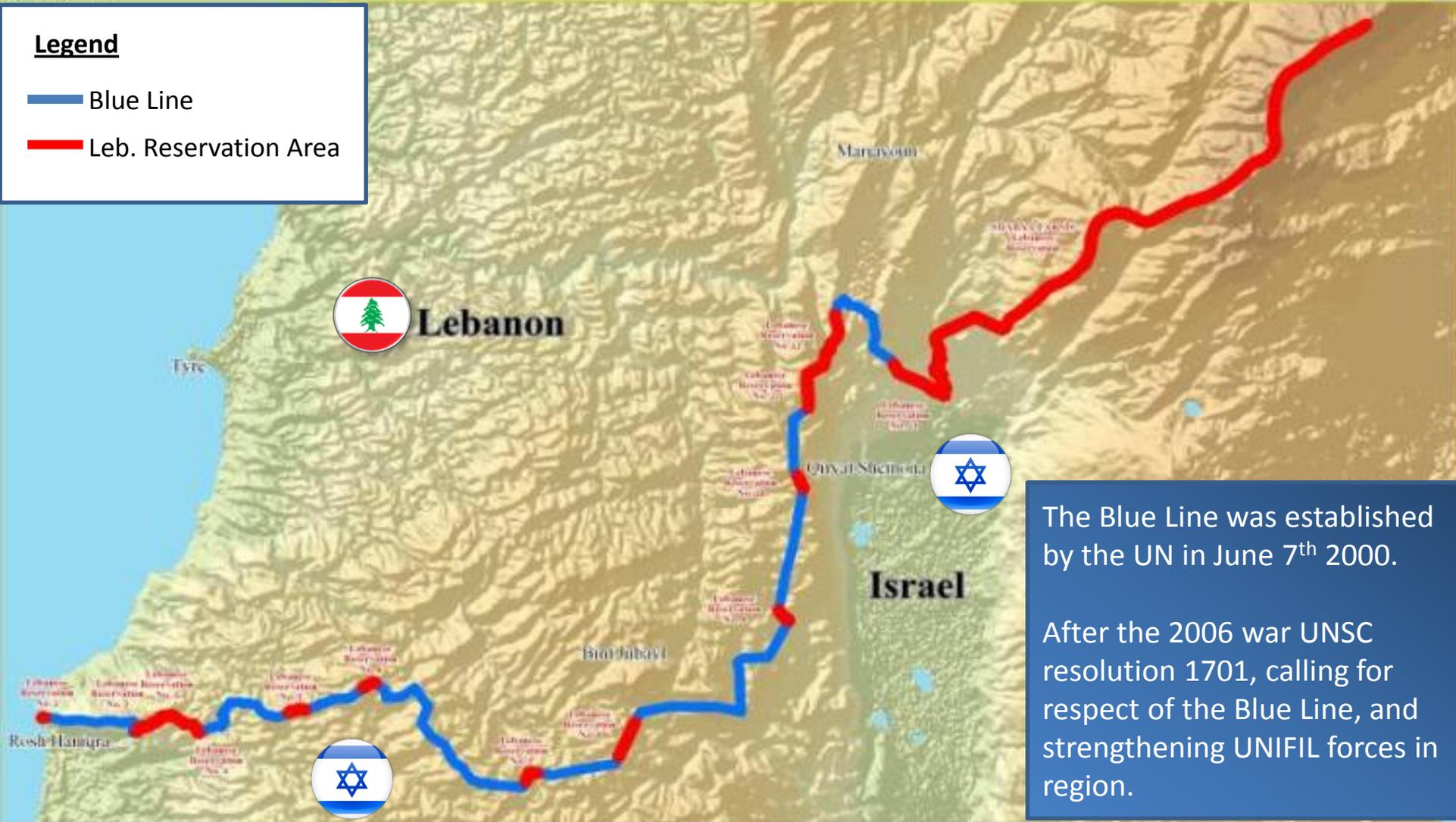
# Lebanese Reservation Areas Along the Blue Line

Scale: 1:200,000



## Legend

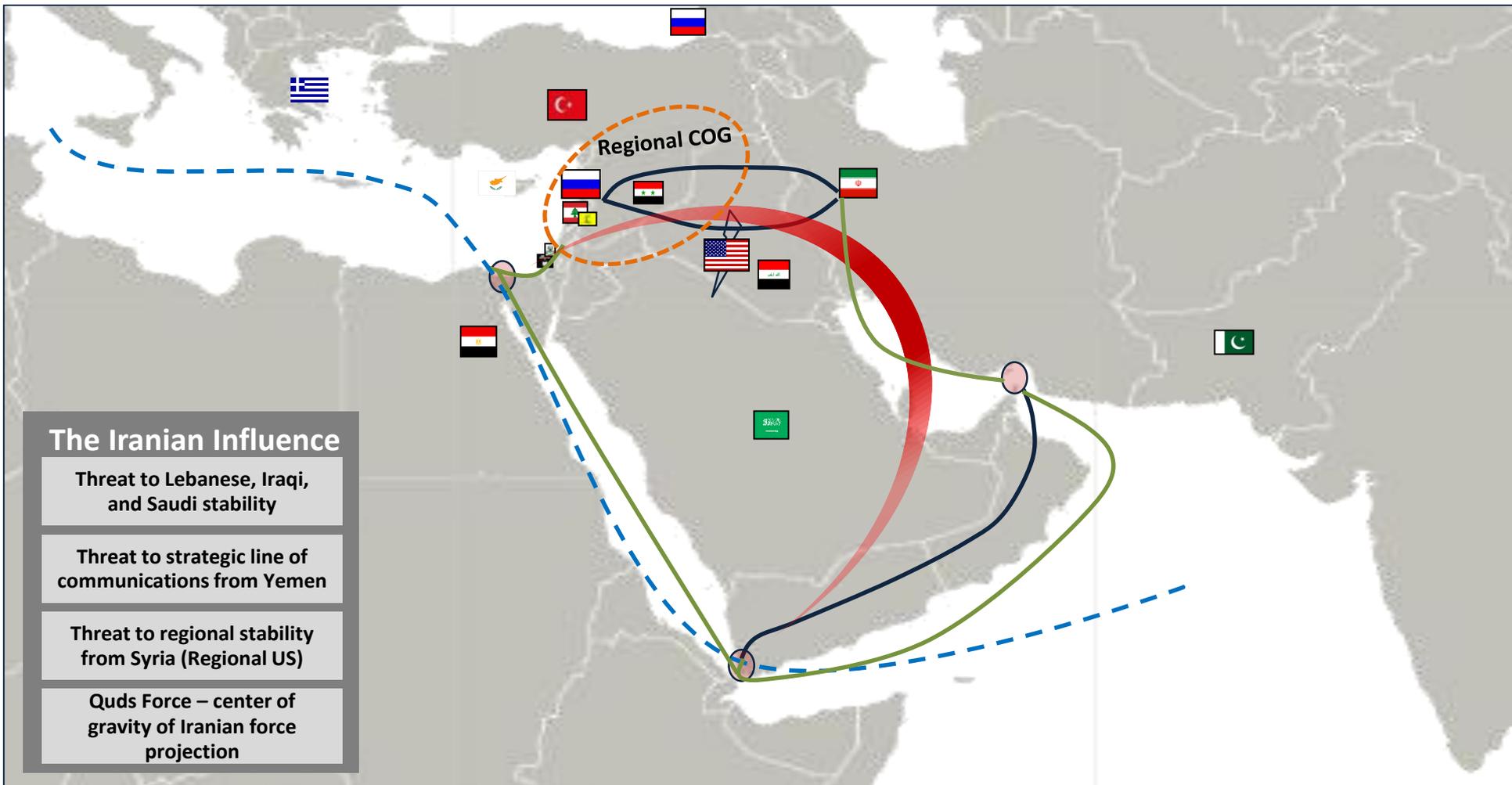
-  Blue Line
-  Leb. Reservation Area



The Blue Line was established by the UN in June 7<sup>th</sup> 2000.

After the 2006 war UNSC resolution 1701, calling for respect of the Blue Line, and strengthening UNIFIL forces in region.

## Blue Line



# Iranian Regional Power Projection

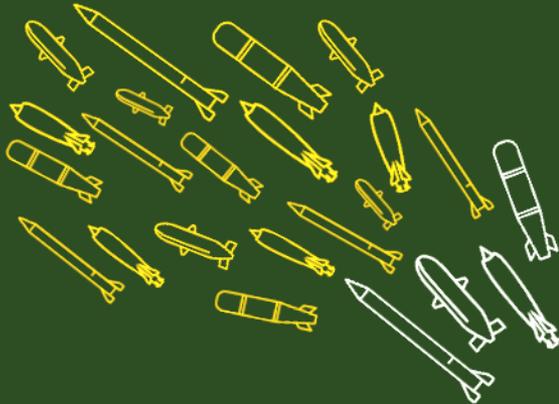
## Fighters

45,000 fighters  
(21,000 of them in regular service)



## Rocket stockpile

130,000 - 120,000

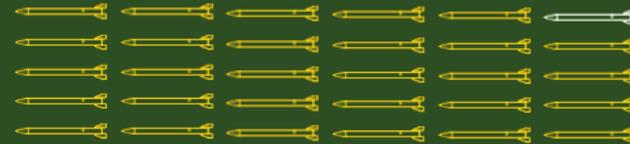


## Rockets

**Short-range:** Tens of thousands



**Medium-range:** Thousands

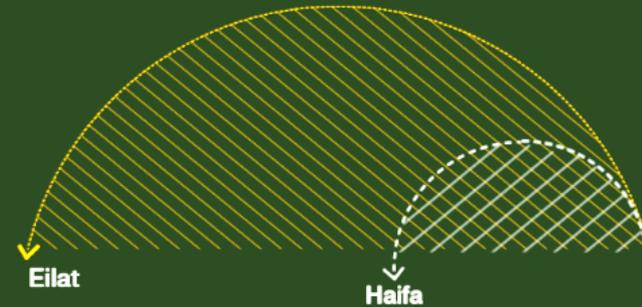


**Long-range:** Hundreds



## Rocket range

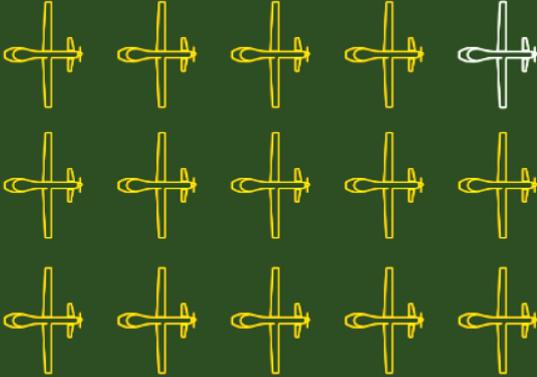
More than 400 kilometers (to Eilat)



# LH Military Capability

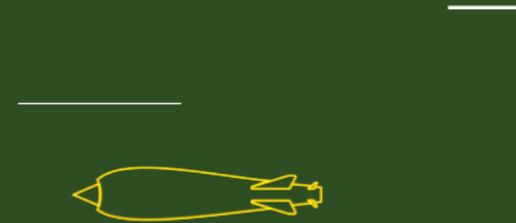
## Drones

Hundreds of drones



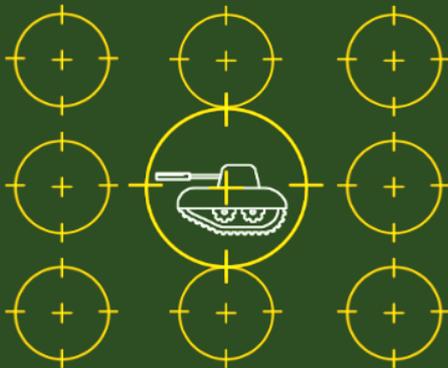
## Surface-to-sea missiles

Advanced Yakhont missiles



## Anti-tank missiles

Thousands

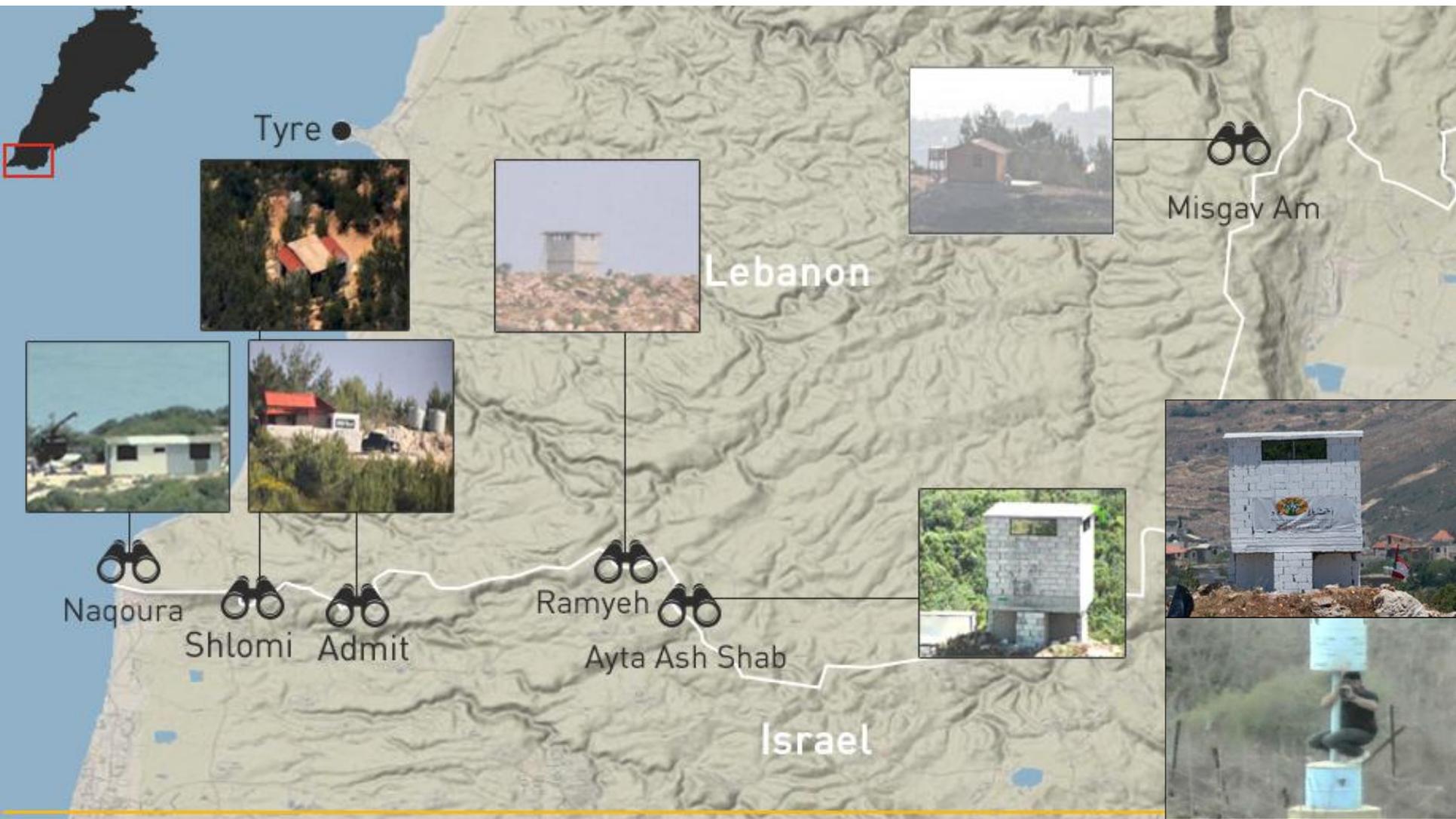


## Anti-aircraft systems

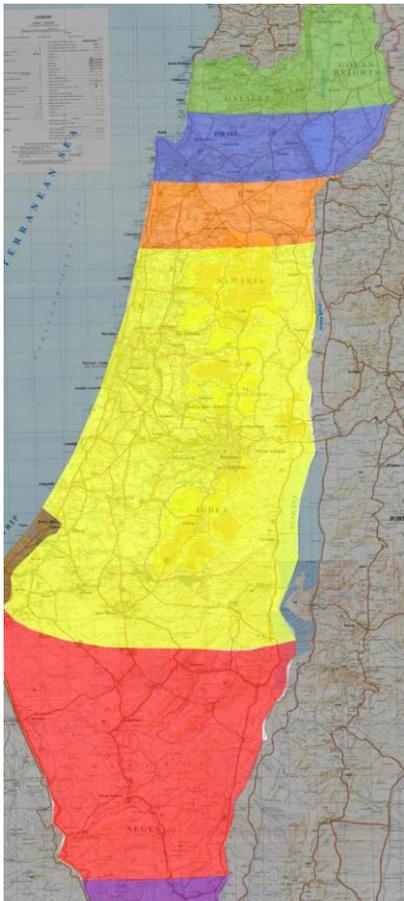
SA-22 missiles



# LH Military Capability



## LH Intelligence Gathering along Blue Line (BL)



Yakhont Ground-to-Sea Missile



Iranian-made Zilzal missile

-  122mm Grad (25km / 15 mi)
-  240mm Fajr 3 (50km / 30 mi)
-  Fajr 5 (75km / 45 mi)
-  M302LR (220km / 137 mi)
-  M-600 (300km / 185 mi)
-  Scud-D (600km / 375 mi)



220mm rocket launcher

# Lebanese Hezbollah Military Capability: Precision Strike



# LH Acquisition of Precision Guided Missiles (PGM)



anon

# LH Improved Ground Assault Capabilities



**“If a war begins with Israel, I will order Hezbollah’s soldiers to conquer the Galilee”**

**Hassan Nasrallah (2012)**



**Lebanon**



LH Infiltration into Israel



Second Team

First Team

Shlomi

Town of 6,000 civilians.

Nahariya

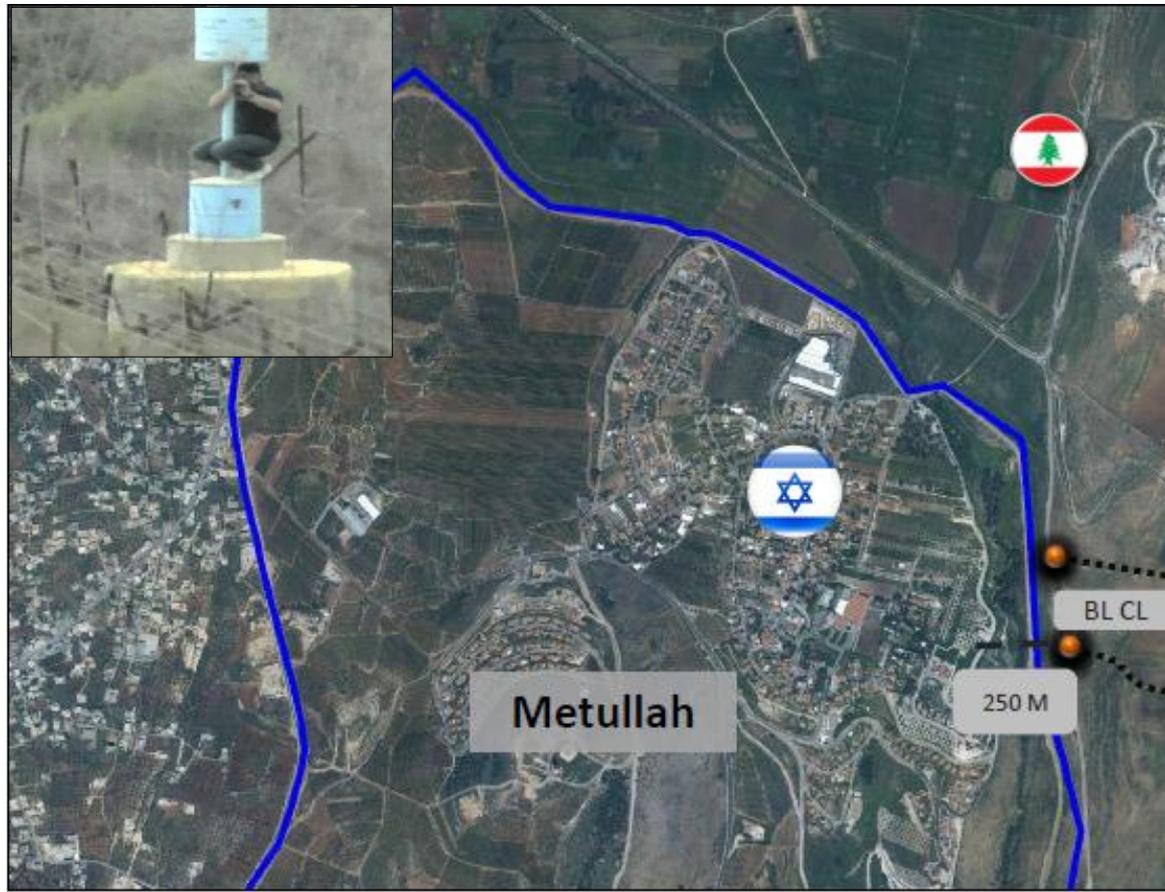
City of 55,000 civilians.

NAMES AND BOUNDARY REPRESENTATION ARE NOT NECESSARILY AUTHORITATIVE

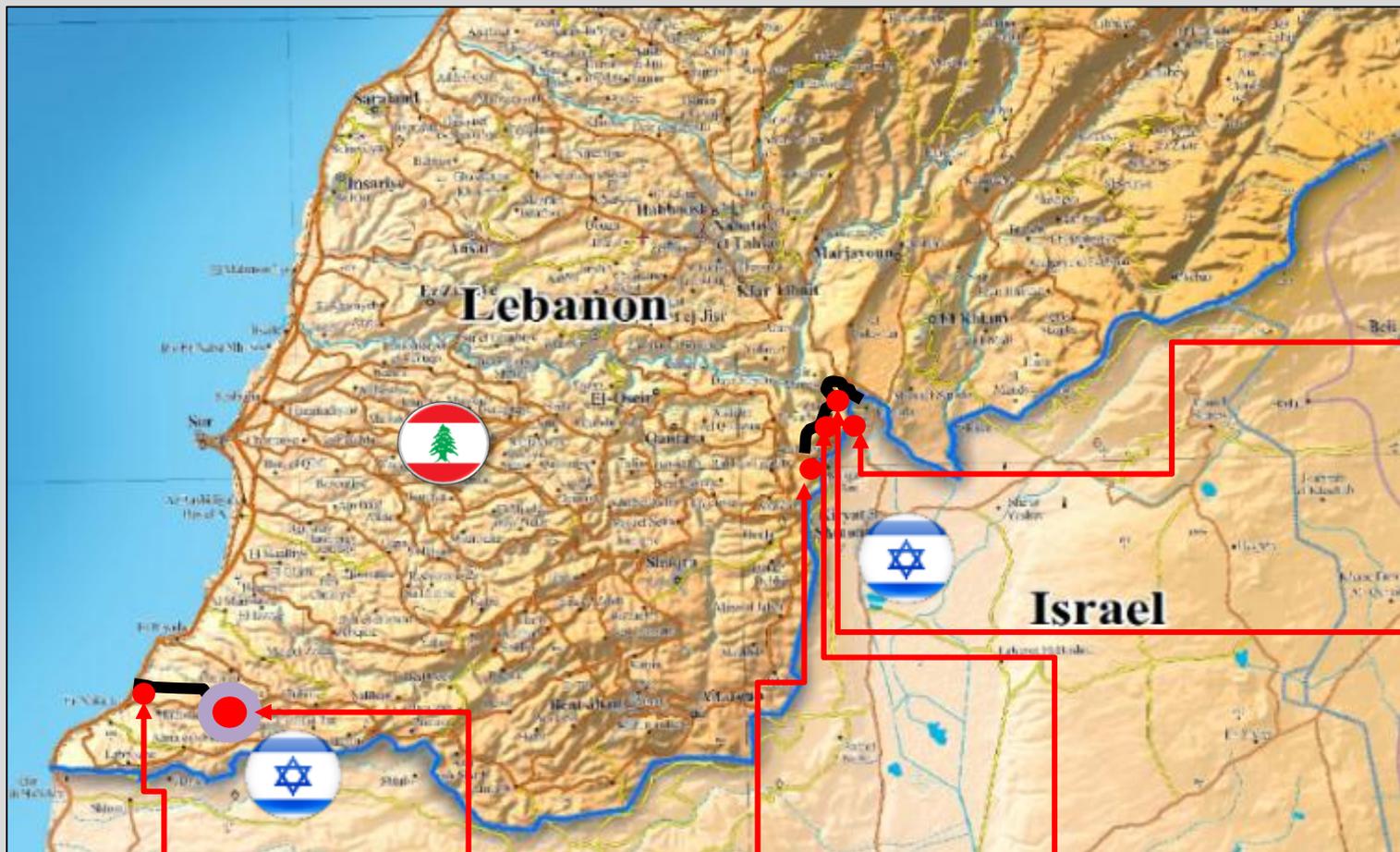
# LH Threat – Ground Assault into Israel



# “Green Without Borders” Civilian Cover for LH Activities



## Blue Line Marking (Cut Lanes): LH Potential threat to Israeli civilians



**Kfar Kela (2016)**  
 Shooting and  
 injuring of IDF  
 soldier

**Metula (2016)**  
 Fire at IDF soldier

**Rosh HaNikra (2013)**  
 Killing of IDF soldier

**Matzuva (2002)**  
 Infiltration into Israel  
 and murder of 6 citizens

**Margaliyot (2017)**  
 Infiltration of  
 Lebanese Citizen into  
 Israel

**Misgav Am (2010)**  
 Killing of IDF LTC.

**Misgav Am (1980)**  
 Hostage crisis caused  
 by ALF infiltrators, and  
 murder of 3 Israelis

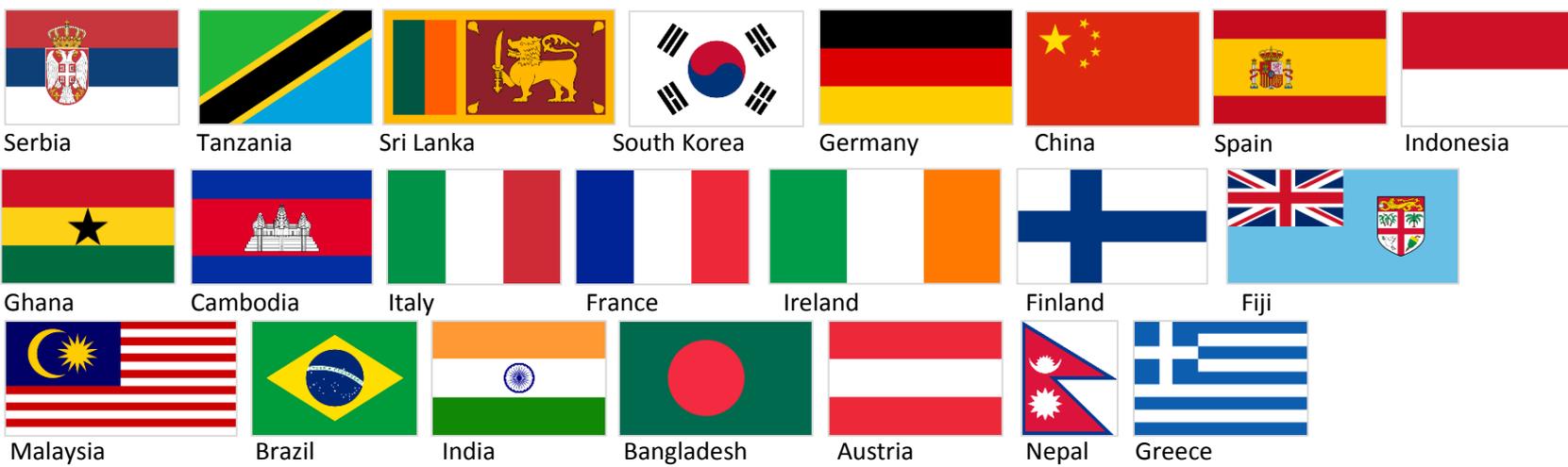
# Attacks Along BL (2002-2016)



# UNIFIL – Potential for Facilitating Understanding



**100+  
UNIFIL  
troops**



**50 – 99  
troops**



**10 – 49  
troops**



**1 – 9  
troops**



# UNIFIL's Contributing Countries



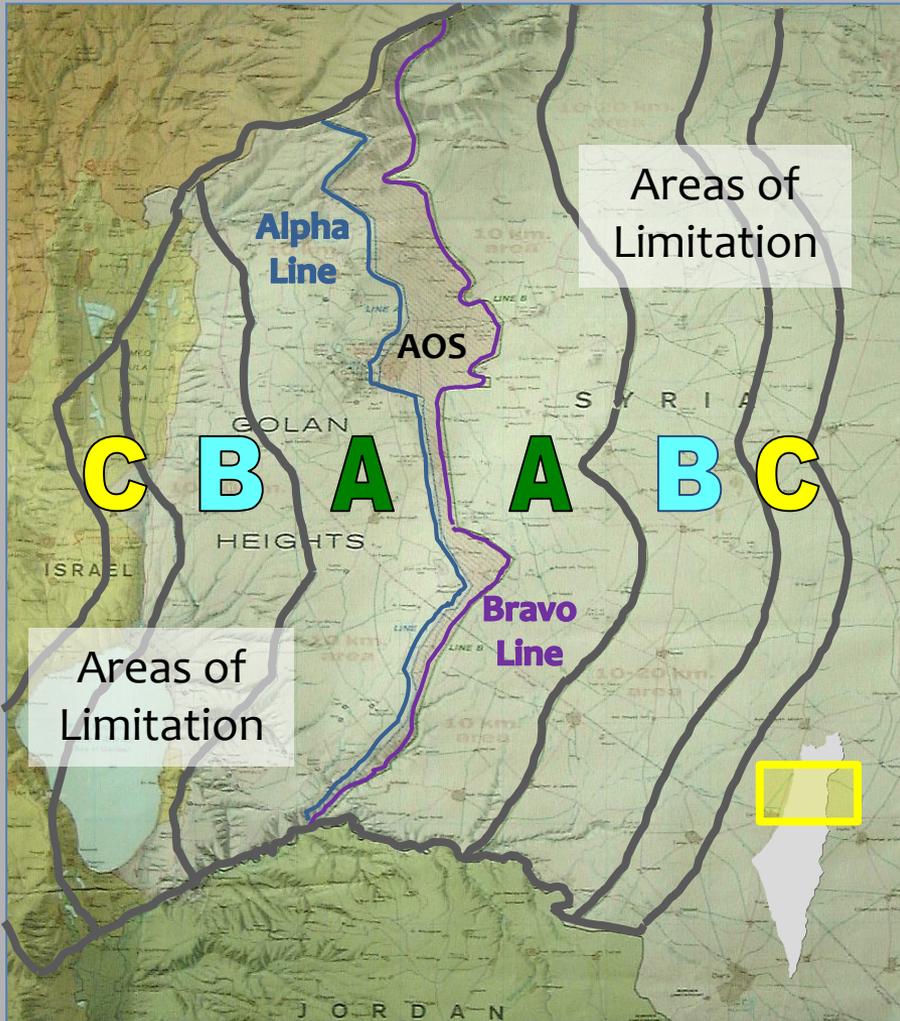
# Israel Defensive Engineering in Response to LH Threats Against Israeli Civilians



# Mount Hermon

# Syrian Front

# Golan - Area of Separation (AOS)



## UNDOF Mandate

The United Nations Disengagement Observer Force (UNDOF) was established by UNSCR 350 (31.05.74). The force's mandate is renewed every six months.

## Area of Separation

The 'Area of Separation' in Syrian territory is to remain demilitarized. The Syrian army is to remain east of the Bravo Line.

The IDF is to remain west of the Alpha Line.

# UNDOF Facts and Figures

In Syria since June 1974

Deployed number of personnel as of February 2018

(Civilian data as of August 2017, UN Volunteer data as of January 2018)



**1,110**

Total personnel



127 Civilians



933 Contingent Troops



50 Staff Officers



## Contributing Countries:



India



Ghana



Bhutan



Ireland



Nepal



Czech  
Republic



Netherlands



Fiji



Finland

# Syria - UNDOF



## Reopening of Quneitra Crossing



# T-4 Airbase/Syria



Iranian UAV Base



Iranian Malicious

# Iranian Presence in Syria

# The Pantsyr-S1

**Designation:**  
 NATO reporting name: SA-22 Greyhound  
 Class: gun and missile air defense system

**Purpose:**  
 The Pantsyr-S1 system is designed to defend small facilities and sectors from enemy aircraft, cruise missiles and high-precision weapons and is used to reinforce air-defense units

**Development History:**  
 The Pantsyr-S1 system was developed by the Tula-based KBP Instrument Design Bureau in 1994. The system was unveiled at the MAKS air show in Zhukovskiy near Moscow in 1995.

**Specifications:**

- Combines surface-to-air missiles and cannons
- Utilizes a "smart" radar-optical control and guidance system
- Automatic fire-control mode
- Modular layout of the carrier

**Organization of standard Pantsyr-S1 complex:**

- Combat vehicle (up to 6 vehicles per battery)
- Battery control center
- Guided surface-to-air missiles
- 30-mm rounds
- Transporter-Loader (One loader per two combat vehicles)
- Mobile trainer
- Technical support and maintenance vehicles

**57E6 missile specifications:**



3,200 mm

**Engagement capability:**

Range:	1,200-20,000 m
Altitude:	5-15,000 m
Cannon target engagement range:	200-4,000 m
Altitude:	0-3,000 m
Response time:	4-6 s
Simultaneous target engagement rate:	2
Crew:	3

**Performance:**

Maximum speed:	Up to 1,300 m/sec
Average speed at 18 km range:	Up to 780 m/sec
Launch weight:	71-74.5 kg

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## Russian Presence in Syria



Israeli Air Force



Armed Forces of the Russian Federation



F-35I "Adir"



Sukhoi Su-35



Patriot MIM-104D



S-400

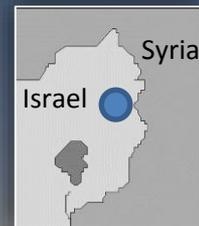
# Northern Arena De-Confliction Hotline



## ISIS Presence in Southern Syria



# Operation "Good Neighbor"

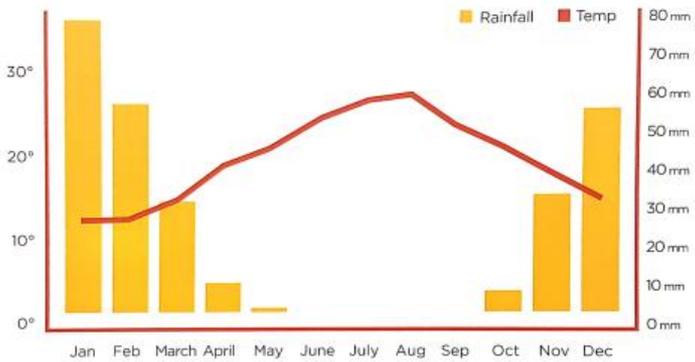


# Maj. Effi, IDF Liaison Officer in the Golan with Conan O'Brian (August 31st 2017)

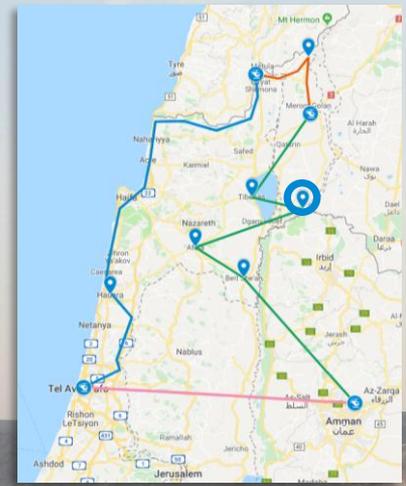


# Tiberias

## Average monthly Temperature and Rainfall



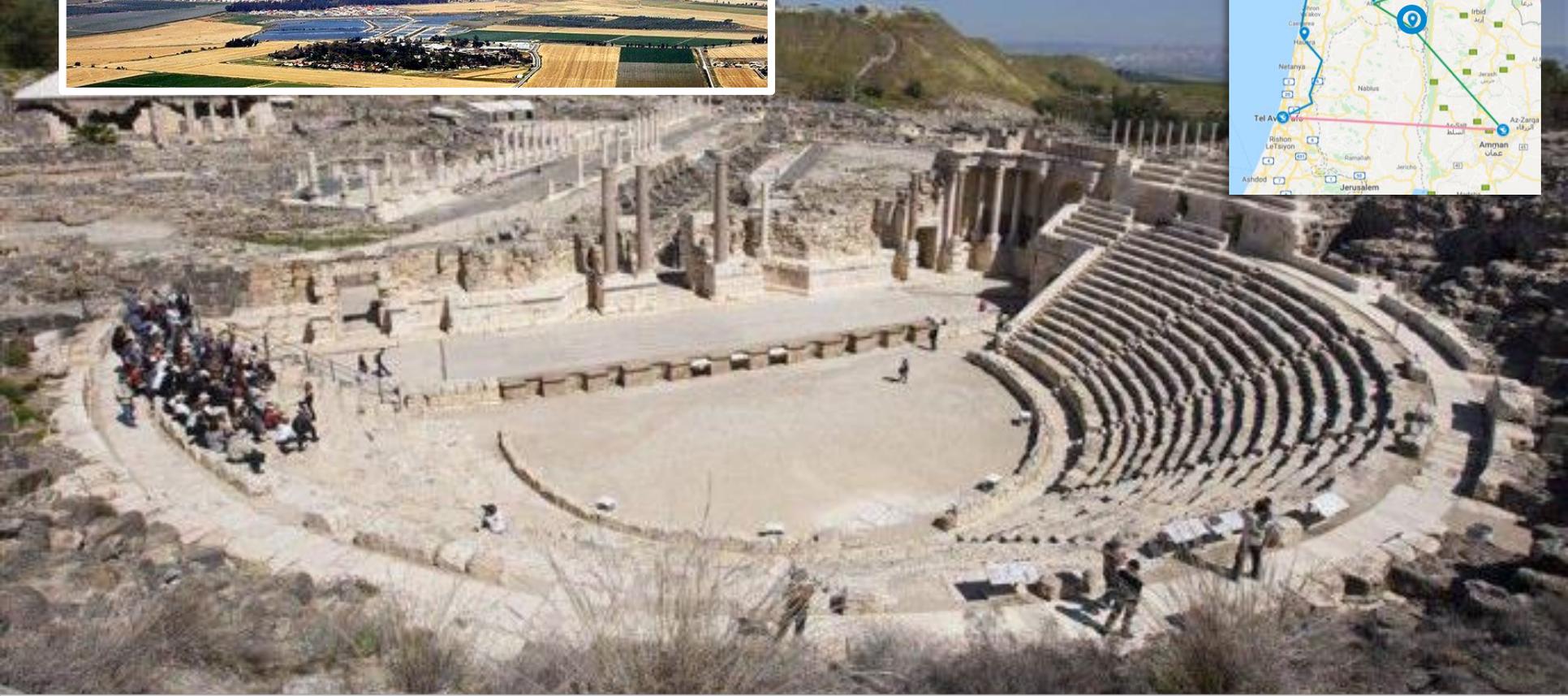
# Sea of Galilee



# Tripoint



# Afula



# Beit She'an



# Collective Border Security (Eastern Depth)