



VIRTUAL INTELLIGENCE
SERVICE

VICTORIA PER INTELLECTUM

OPAR D+10 IADS

INTSUM VIS-IADS-001

DISCLAIMER:

This is for multiplayer online gaming using the Digital Combat Systems simulation software published by Eagle Dynamics. The information is not in any way suitable for real world use or operations.

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MAJOR EVENTS D+10 IADS

Intel

Strike on Tabqa AB executed with minor losses.

Assessment:

Air defenses were as expected although resistance on the air side was underwhelming. One report of good effects / targets burning was given, It is therefore LIKELY that more then one targets were hit. Without further intel, strike assessment is impossible and Tabqa must be estimated as operational.

Intel

Drone shot down approx 20nm N of Kuweires.

Assessment: Likely same drone as reported D+9. Operator unknown. If used for ISTR purposes, then the enemy has been blinded to the northern FLOT IVO Minakh AB.

Intel

New SA2 and SA3 sites west of Taftanaz - close to FLOT.

Assessment

IVO Idlib - Likely protecting Taftanaz west approach.

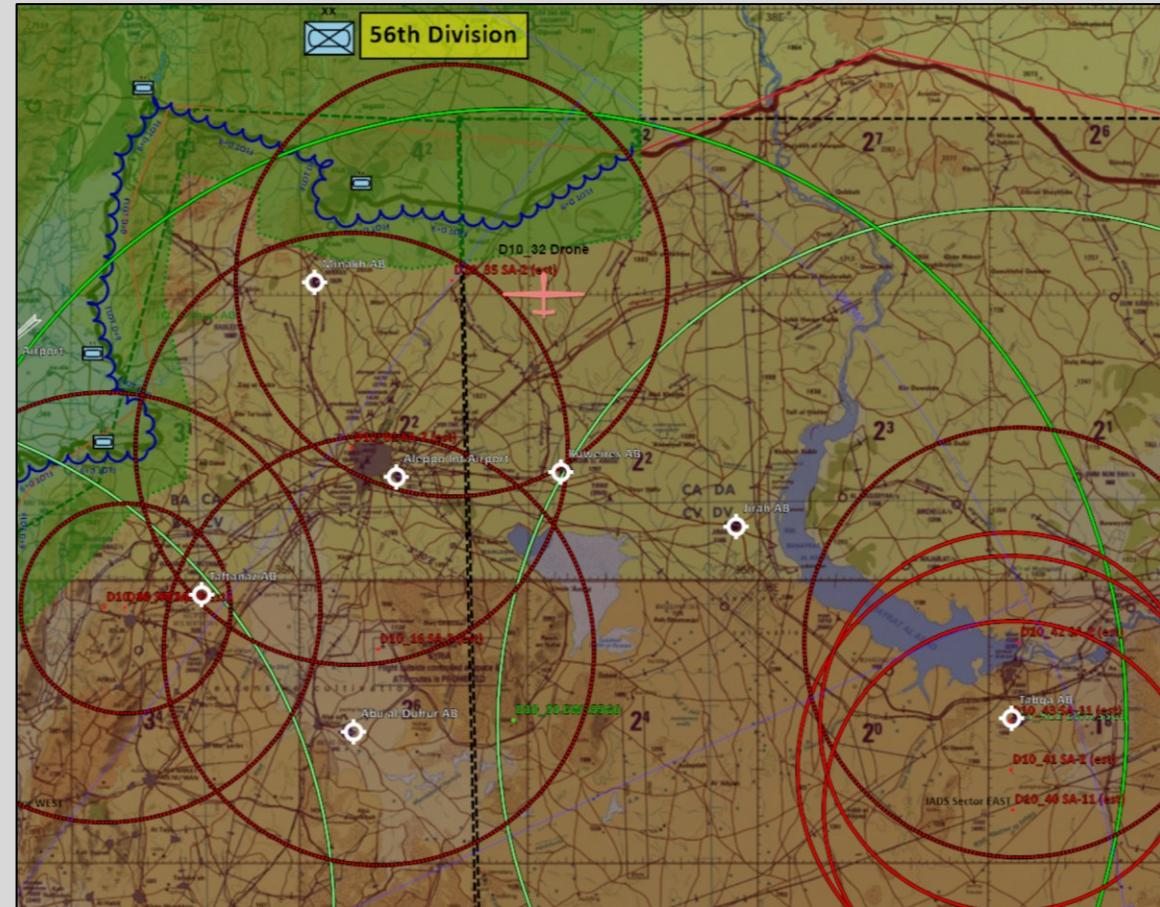
Intel

EWR55G6 Located 15nm east of Abu Al Duhur AB

Assessment

Likely relocated EWR as reported last on D8.

Destroying D10_33 EWR55G6 would create at least a 20nm wide EWR gap at the closest point and open up the Northern Ingress, assuming it is the sole EWR covering this area.



IADS BATTLE DAMAGE ASSESSMENT D+10

Syrian Sector West D+10 IADS elements

Intel

Strike on Tabqa executed. Reports of good effects and burning targets. Minor losses. Enemy air force caught off guard from the northern approach.

Assessment:

Assessment unclear at the time of writing. Tabqa AB cannot be assessed as inoperable at the time of writing.

Recommendation: Obtain BDA as soon as possible by any available means.





IADS FORCE STATUS D+10 831st SA-2 Reg

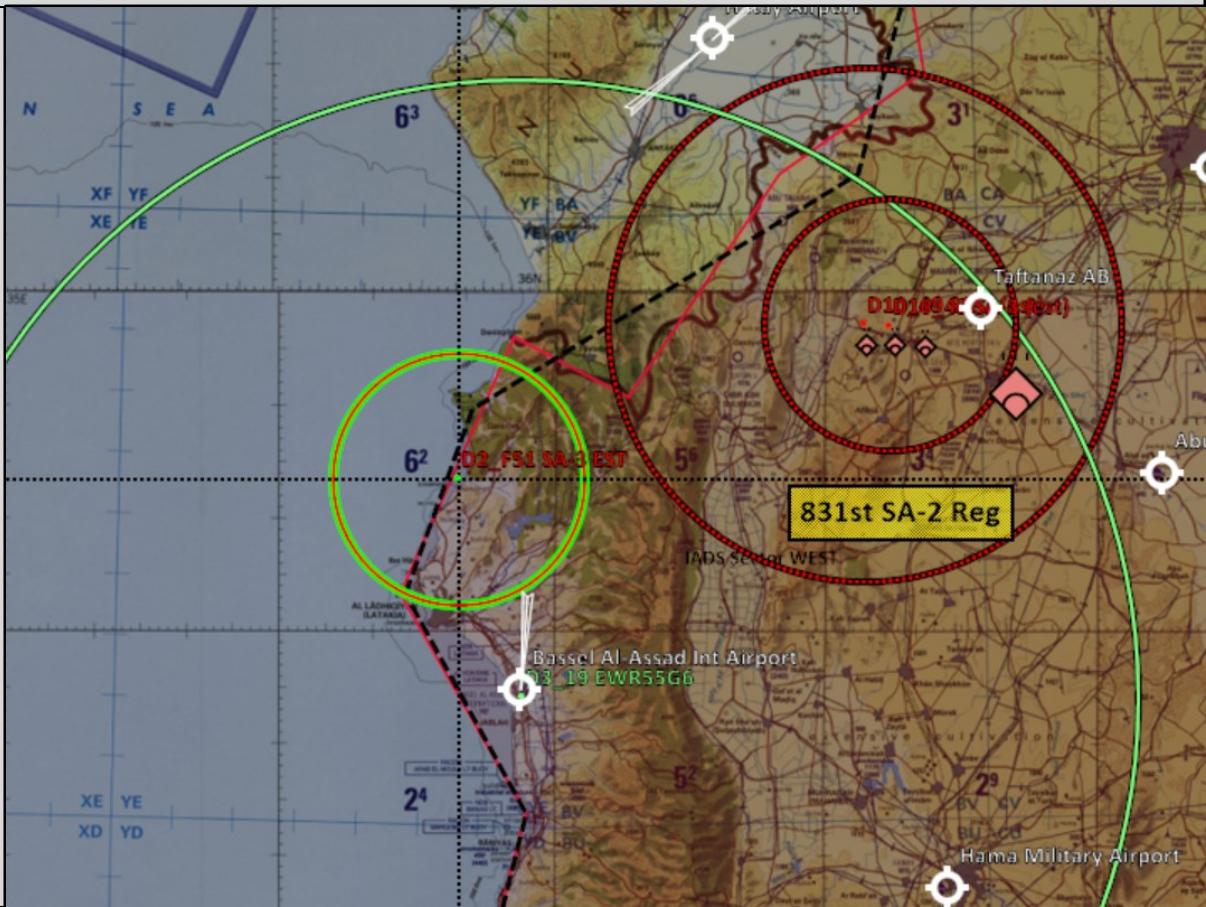
Syrian Sector West D+10 IADS elements
Complete re-assessment of locations.

SECTOR WEST

831st SA-2 Regiment

- 8310 EWR BN - Operational - Based at Al Assad AB
- 8311 SA-2 BN - 92% Strength - No Fan Song
- 8312 SA-3 BN - 89% Strength - No change
- 8313 SA-3 BN - 100% Strength - No change
- 8314A Air Defense Bty (SA19+SA15) - Strength unknown

Assessment - The regiment is likely responsible for the area defense of Taftanaz and NW avenue of approach from Hatay.



IADS FORCE STATUS D+10 - 841st SA-2 Reg

Syrian Sector West and East D+10 IADS elements
Complete re-assessment of locations.

SECTOR WEST

841nd SA-2 Regiment

8410 EWR BN - 100% Strength

8411 SA-2 BN - 42% Strength - Combat Ineffective

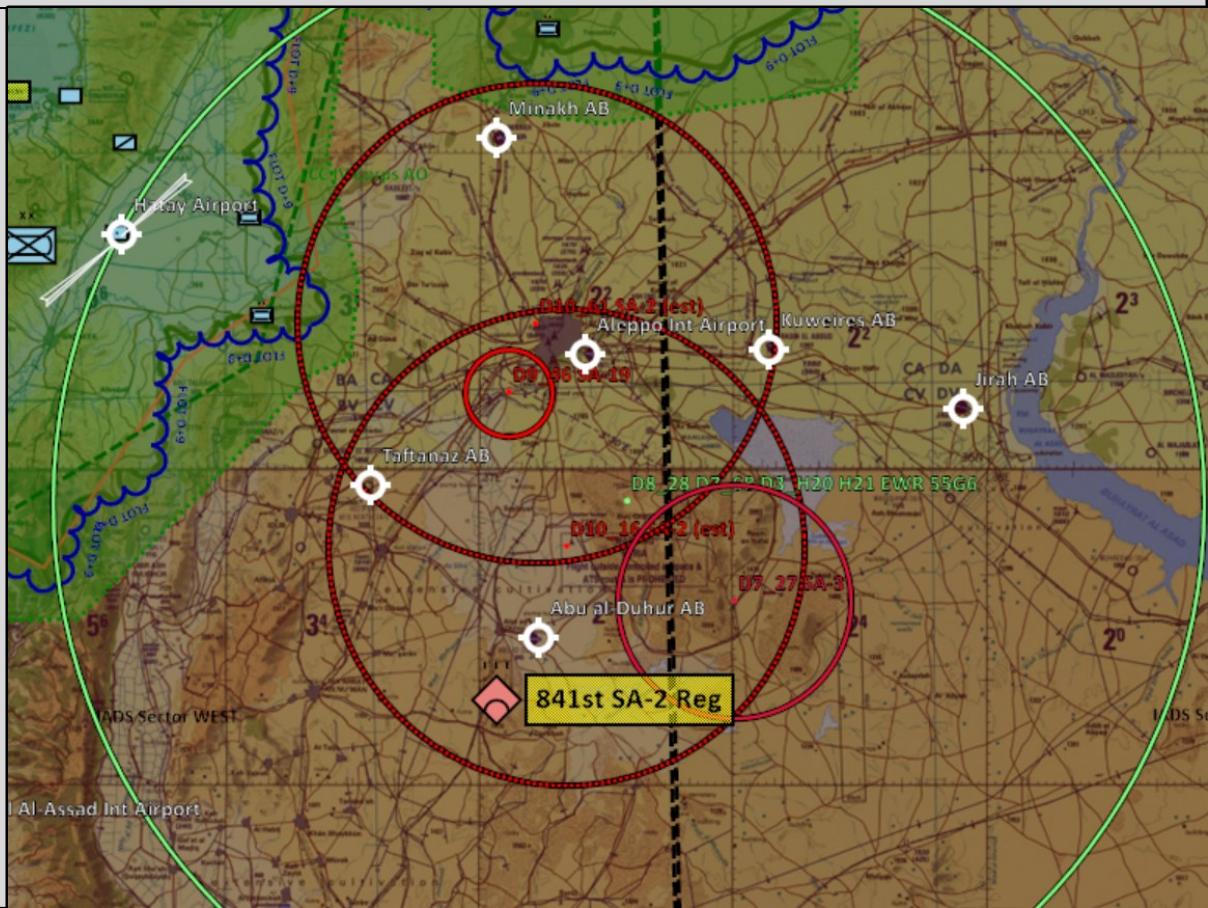
8412 SA-3 BN - 100% Strength - No change

8413 SA-3 BN - 100% Strength - No change

8414A Air Defense Bty - 100% Strength - No change

Assessment - The 8411 SA-2 BN was previously marked as combat ineffective, but it is likely that the SA-2 radar has been replaced as it was noted as active (D10_61 SA-2) and is now back in operation.

The regiment is likely responsible for the area defense of Aleppo, Taftanaz and Abu Al Duhur.





IADS FORCE STATUS D+9 - 851st SA-6 Reg

Syrian Sector West and East D+10 IADS elements
Complete re-assessment of locations.

SECTOR WEST

851st SA-6 Regiment

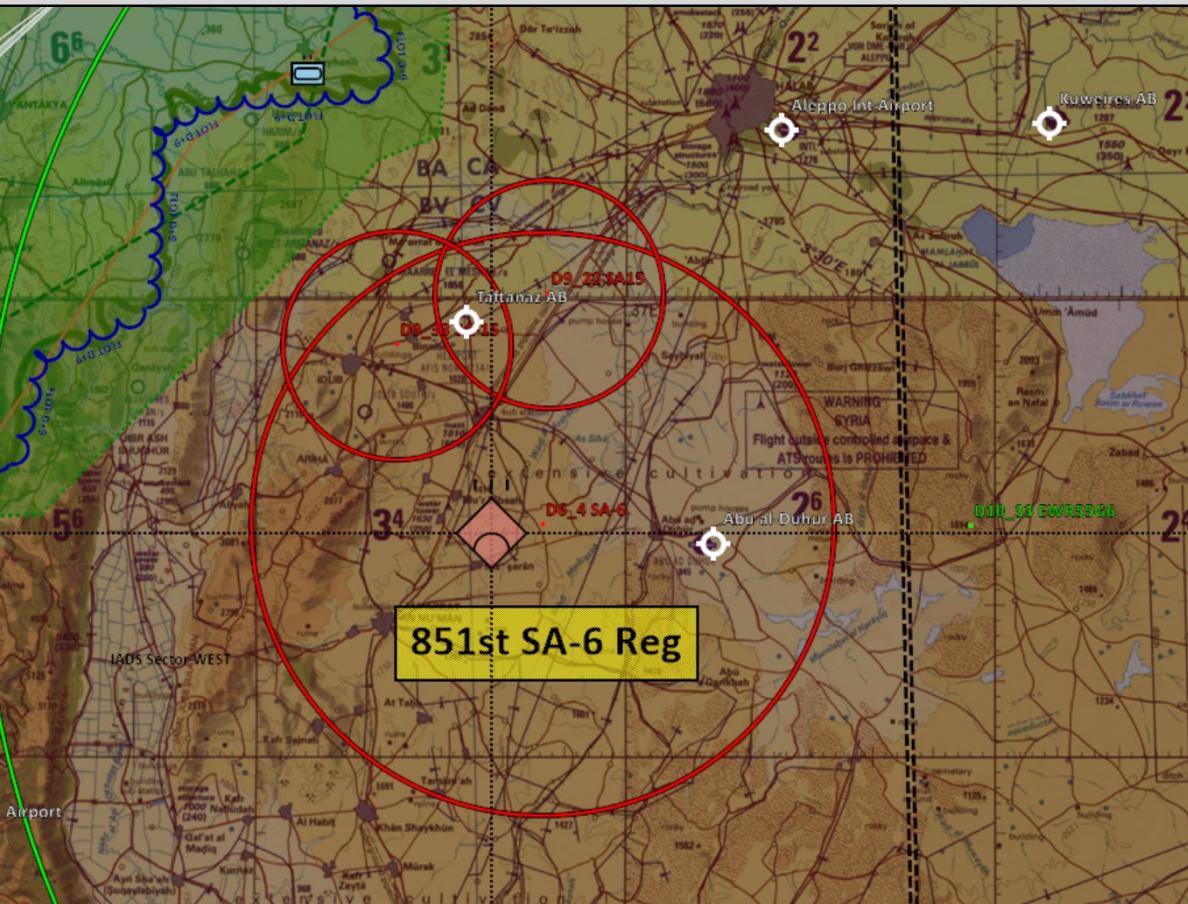
8510 EWR BN - 100% Strength - No change

8511 SA-6 BN - 88% Strength - No change - No search radar.

8512 SA-6 BN - 100% Strength - No change

8513A Air Defense Bty - 100% Strength - No change

Assessment - The regiment is likely responsible for the area defense Abu Al Duhur AB. Additional information as to the disposition of battalions is desired. D10_33 WR55G6 Believed to belong to this regiment as well as D9_33 SA15 and D9_22 SA15.





IADS FORCE STATUS D+10 - 861st SA-2 Reg

Syrian Sector West and East D+10 IADS elements

SECTOR EAST

861st SA-2 Regiment

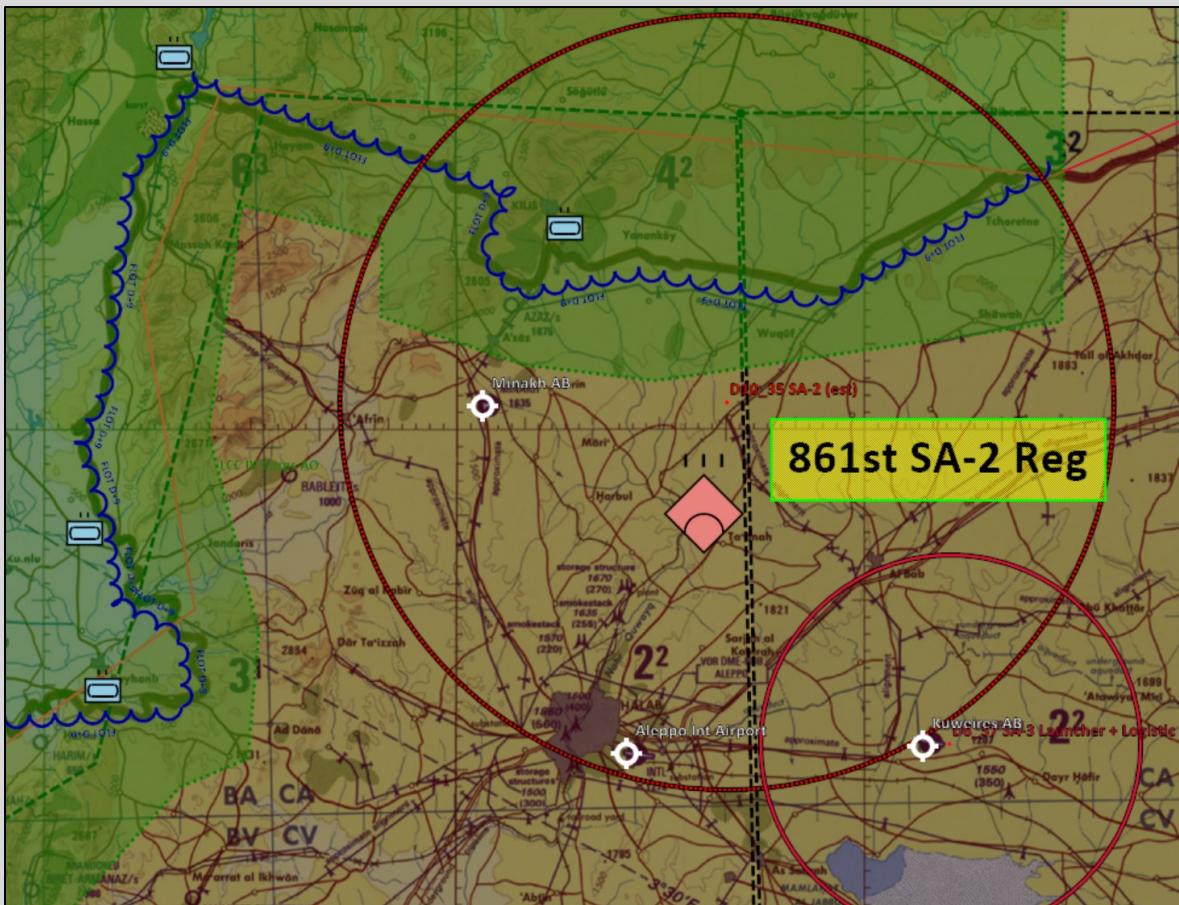
8611 SA-2 BN - 92% Strength - No change - No Tracking Radar
(Fan Song).

8612 SA-3 BN - 100% Strength - No change

8613 SA-3 BN - 100% Strength - No change

8614A Air Defense Bty - 100% Strength - No change

Assessment - Believed to be operating north of Aleppo between Minakh and Kuweires AB and responsible for the area defense of said bases and high value assets.



IADS FORCE STATUS D+10 - 871st SA-2 Reg

Syrian Sector West and East D+9 IADS elements

Complete reassessment of location.

SECTOR EAST

871st SA-2 Regiment

8710 EWR BN - 100% Strength.

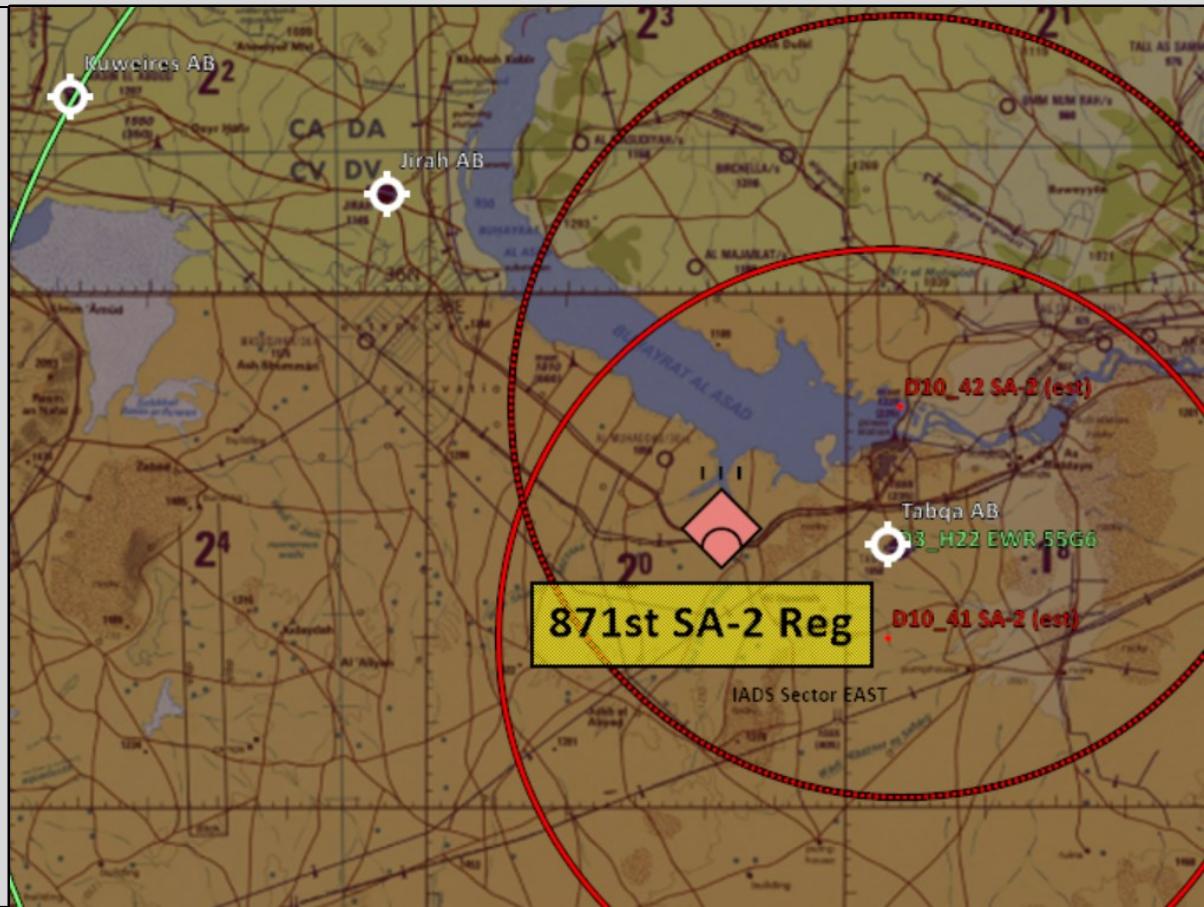
8711 SA-2 BN - Strength unknown. Assessed as operational.

8712 SA-3 BN - Strength unknown. Assessed as operational.

8713 SA-3 BN - 89% Strength - No change. No search radar.

8714A Air Defense Bty - 100% Strength - No change

Assessment - The regiment is likely responsible for the area defense of Tabqa AB and high value assets IVO Tabqa.





IADS FORCE STATUS D+10 - 881st SA-6 Reg

Syrian Sector West D+10 IADS elements

SECTOR EAST

881st SA-6 Regiment

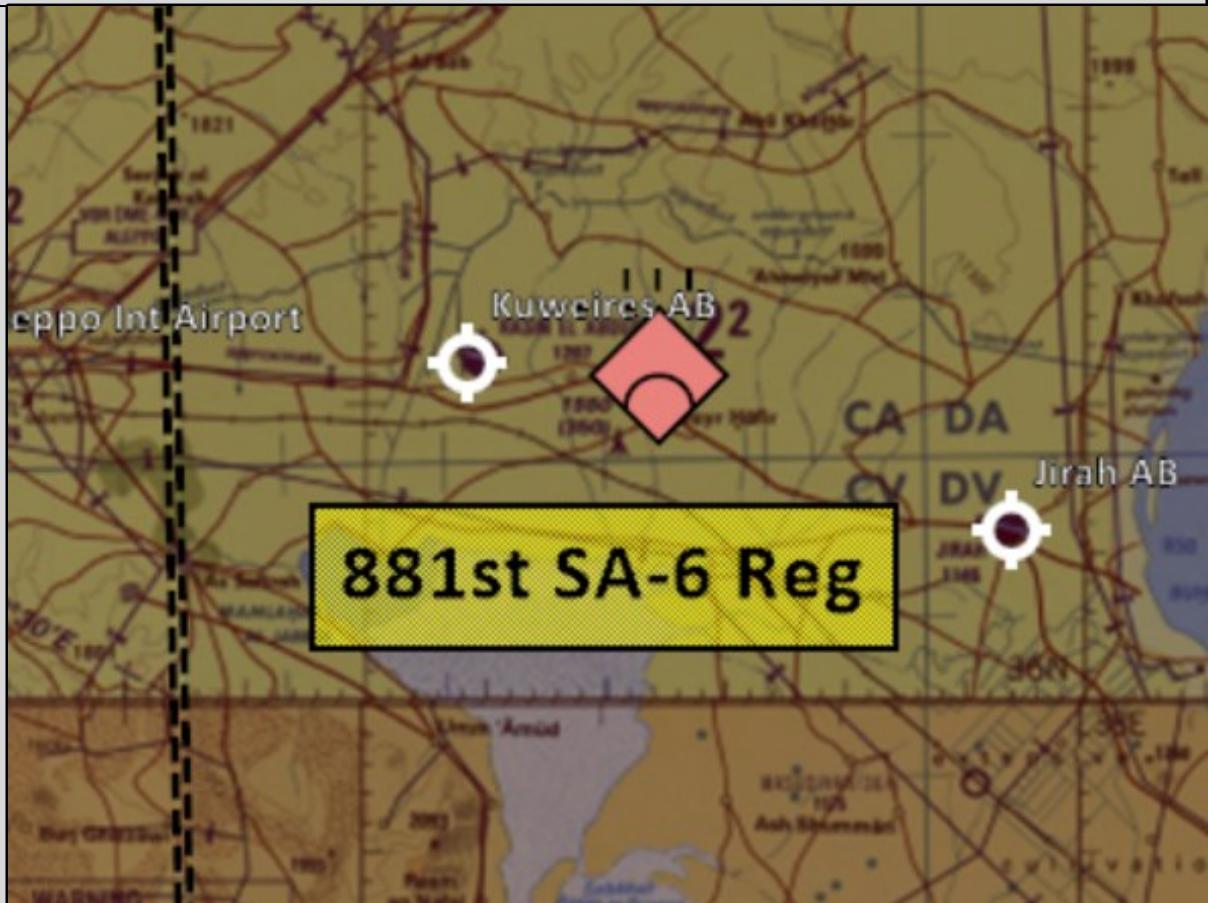
8810 EWR BN - 100% Strength - No change

8811 SA-6 BN - 88% Strength - No change. No search radar.

8812 SA-6 BN - 88% Strength - No change.

8813A Air Defense Bty - 100% Strength - No change.

Assessment - Believed to be operating IVO Kuweires and tasked with its protection. BDA reports correlated to this regiments are somewhat unclear but it is assessed that the SA6 sites are inoperable as at least one was hit on D+5 and no other reports of SA6 activity in the vicinity have been noted.



IADS FORCE STATUS D+10 - 8820nd SA-11 BN

Syrian Sector West and East D+10 IADS elements

SECTOR EAST

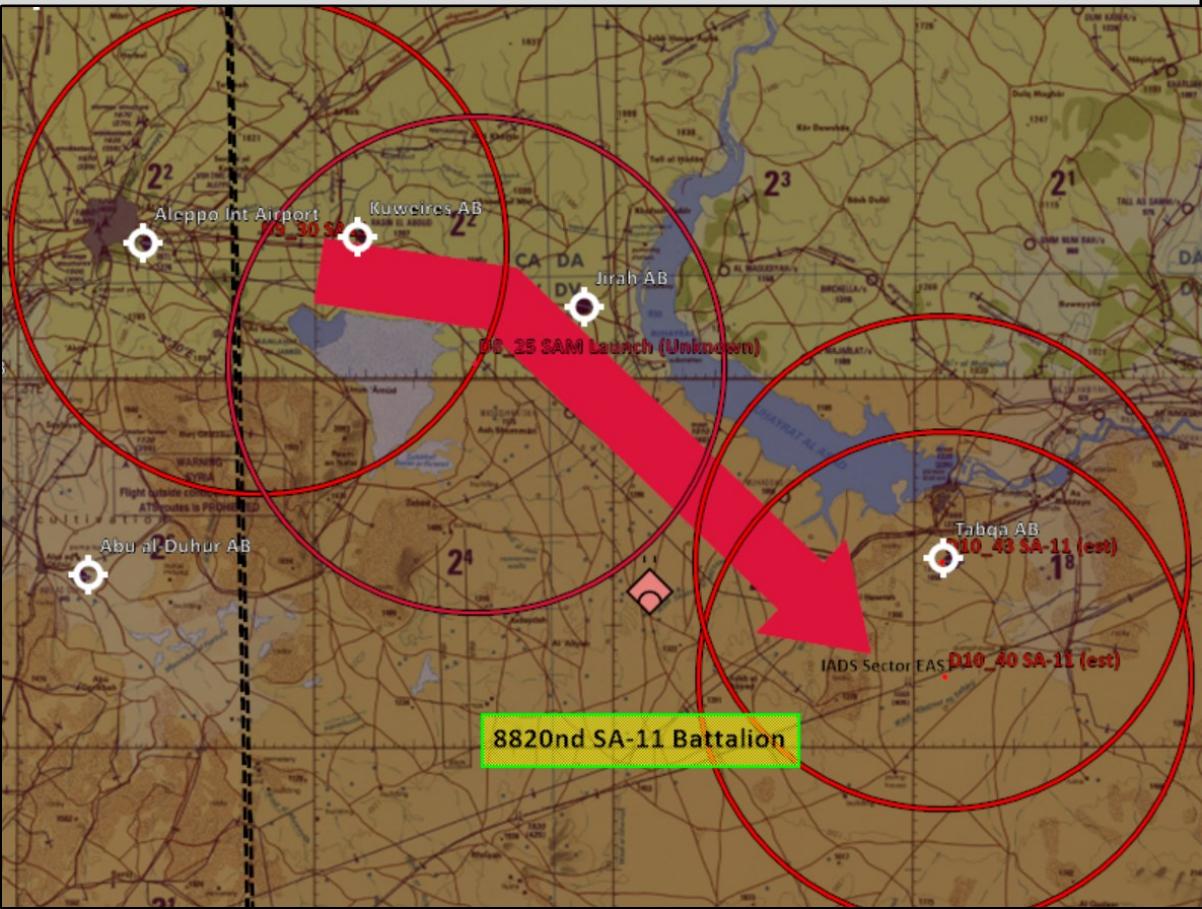
8820nd SA-11 Battalion

8820A SA-11 Battery - Strength undetermined.

8821A SA-11 Battery - Strength undetermined.

Assessment - Last known operating SW of Jirah, the batterie's SNOW DRIFT search radars were hit on D+5 and D+7 rendering them ineffective. However SA-11s were noted as active on D+10 strike. With the 8820nd SA-11 BN the only known battalion in the vicinity, it is assessed EVEN CHANCE that the 8820nd had withdrawn from Jirah and moved East on Day 8 to reinforce Tabqa.

The alternative is that the battalion remains combat ineffective and Taqba AB has received reinforcements from the South sector.





OVERALL IADS FORCE STATUS D+10 NORTH

The Syrian IADS in the North Sector has been partially degraded by the loss of the SDACC center in Abu Al Duhur.

The backup center IVO Jirah AB has been re-assessed as the **SDACC Backup Center**, and thus the entire IADS network is running on reduced redundancy (RR).

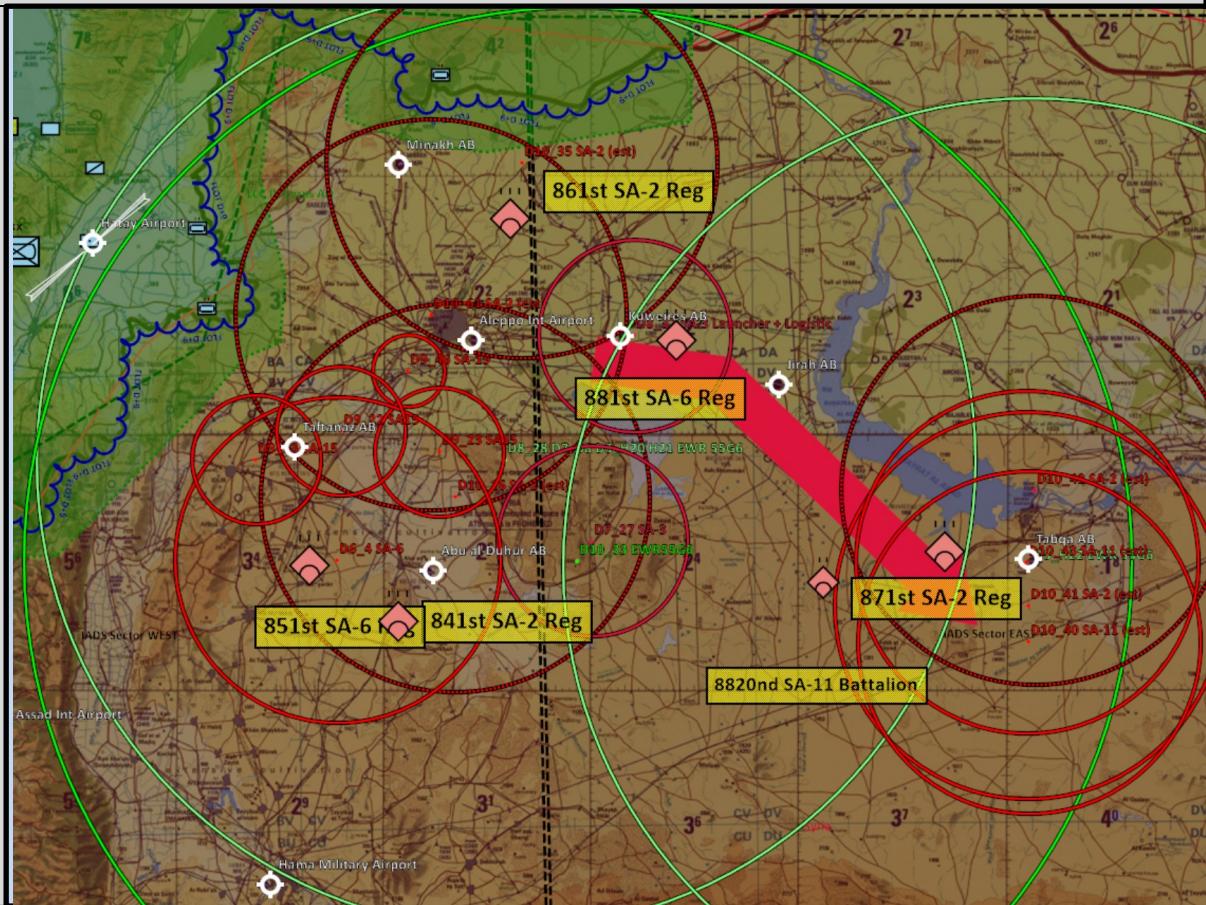
Several key EWR sites remain operational. A "New" EWR has been noted west of Abu Al Duhur. It likely belongs to the 841st SA-2 regiment. It is unclear if this EWR is the same one as noted on D8_28. It is an even chance that this is the one and the same as it is a mobile unit.

Jirah AB remains inoperable and is estimated to remain out of operation until D+12.

Abu Al Duhur is operational and scheduled for a strike on D+11, taking advantage of the night.

BDA is unclear on the status of Tabqa following. Initial reports indicate that it is likely that some targets were hit, but the airbase cannot be assessed as inoperable until a BDA confirms it.

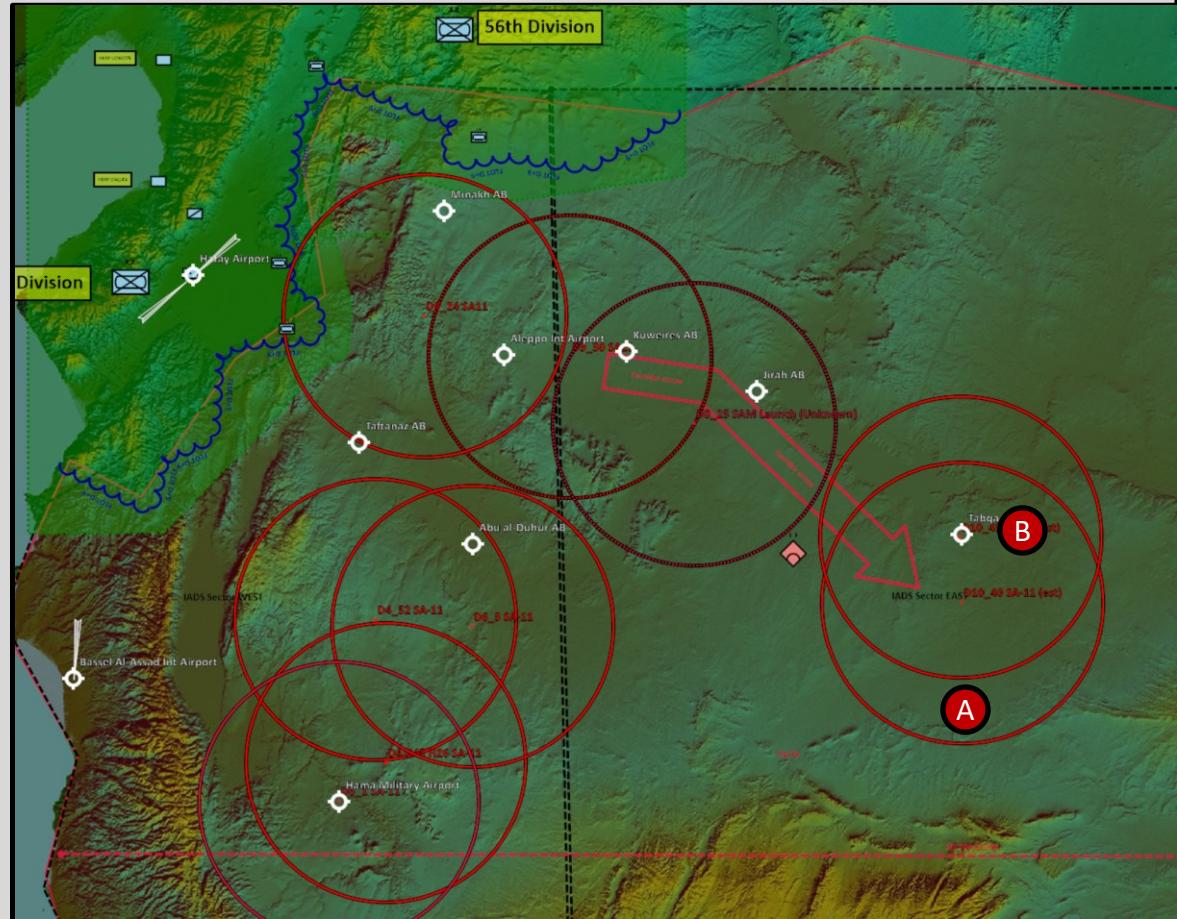
SA11s remain a significant threat IVO Taftanaz and Abu Al Dahaour.





SA-11 SITES D+10 NORTH SECTOR

D9_24 SA11	N 36 16.485 E 036 58.562
D9_30 SA11	N 36 10.701 E 037 24.183
D8_25 SA11 (assessed)	N 36 01.135 E 037 45.998
D4_52 SA-11	N 35 33.195 E 036 50.000
D6_3 SA-11	N 35 32.194 E 037 06.964
D4 H45 H26 SA-11	N 35 12.621 E 036 51.799
D6_1 SA-11	N 35 07.053 E 036 43.565
D10_40 SA-11 (est)	N 35 35.605 E 038 33.184
D10_43 SA-11 (est)	N 35 44.955 E 038 32.849
Note: D8_25 and D9_50 possibly same as D10_40 and 43	

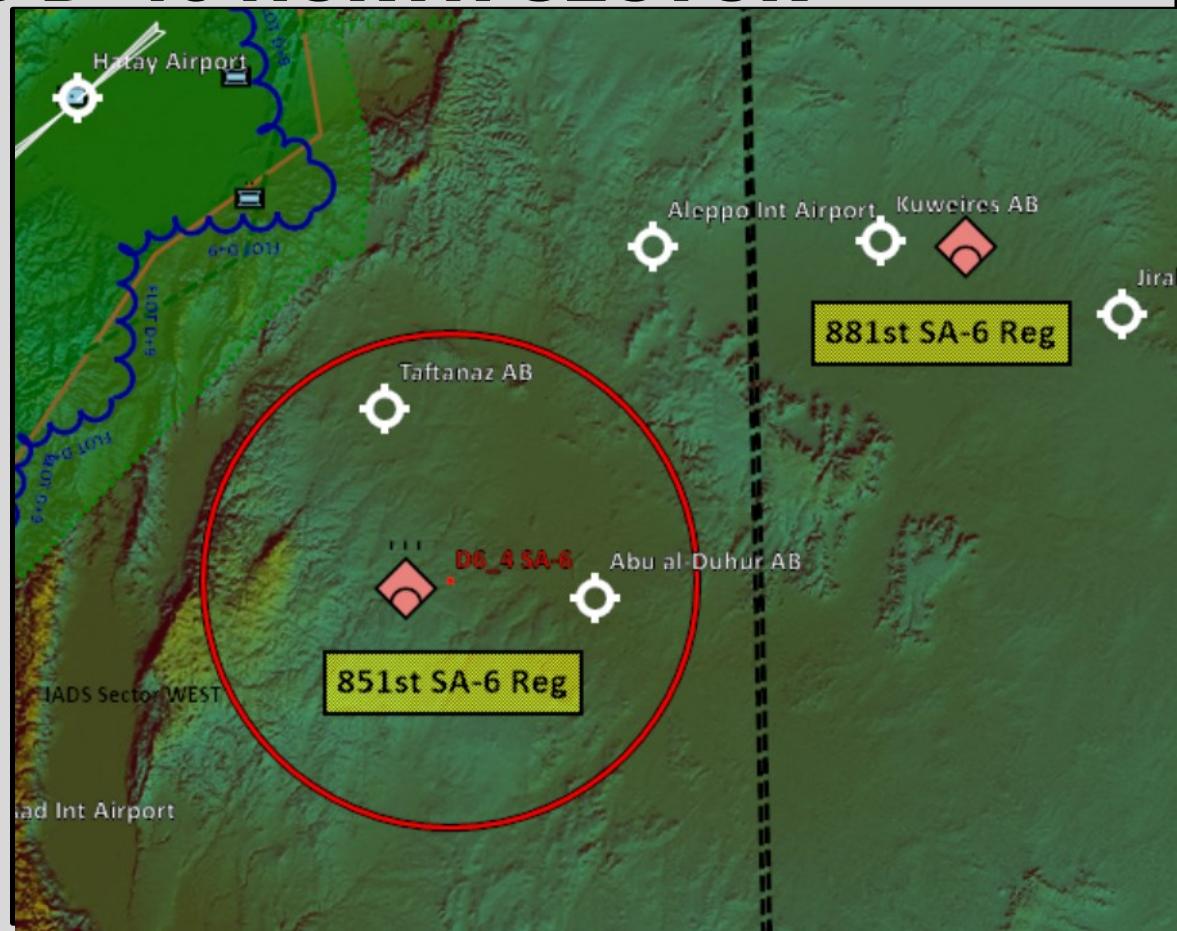




SA-6 SITES D+10 NORTH SECTOR

D6_4 SA-6

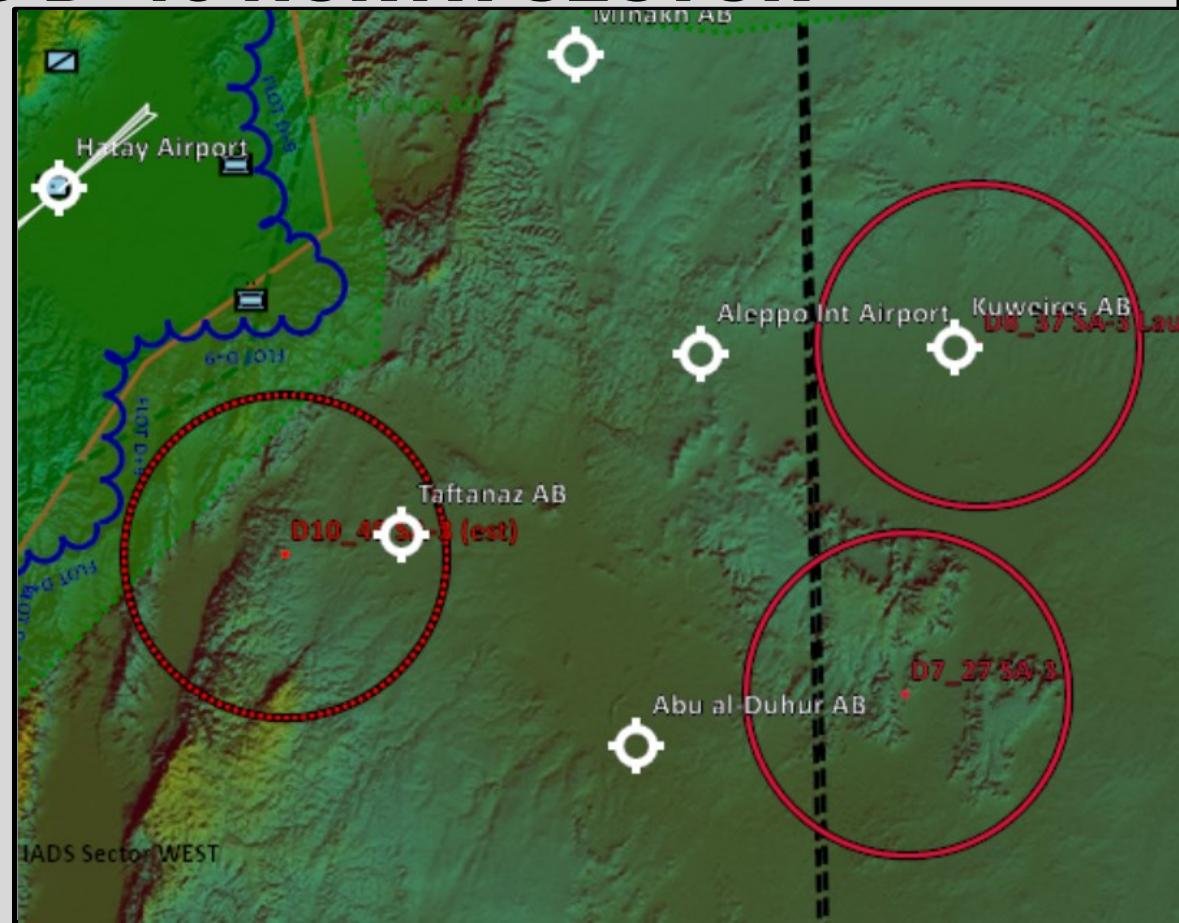
N 35 45.204 E 036 53.266





SA-3 SITES D+10 NORTH SECTOR

D8_37 SA-3 Launcher + Logistic	N 36 11.480 E 037 36.180
D2_F51 SA-3 EST	N 35 43.373 E 035 50.119
D7_27 SA-3	N 35 47.439 E 037 30.073



EWR SITES D+10 NORTH SECTOR (IR7)

D3_19 EWR55G6	N 35 24.000 E 035 57.000
D8_28 EWR 55G6	N 35 56.900 E 037 17.500
D3_H22 EWR 55G6	N 35 44.500 E 038 33.500
D10_33 EWR55G6	N 35 45.092 E 037 27.935

Shown with 500ft AGL terrain shading - green indicates coverage.

Sector WEST IADS degraded.

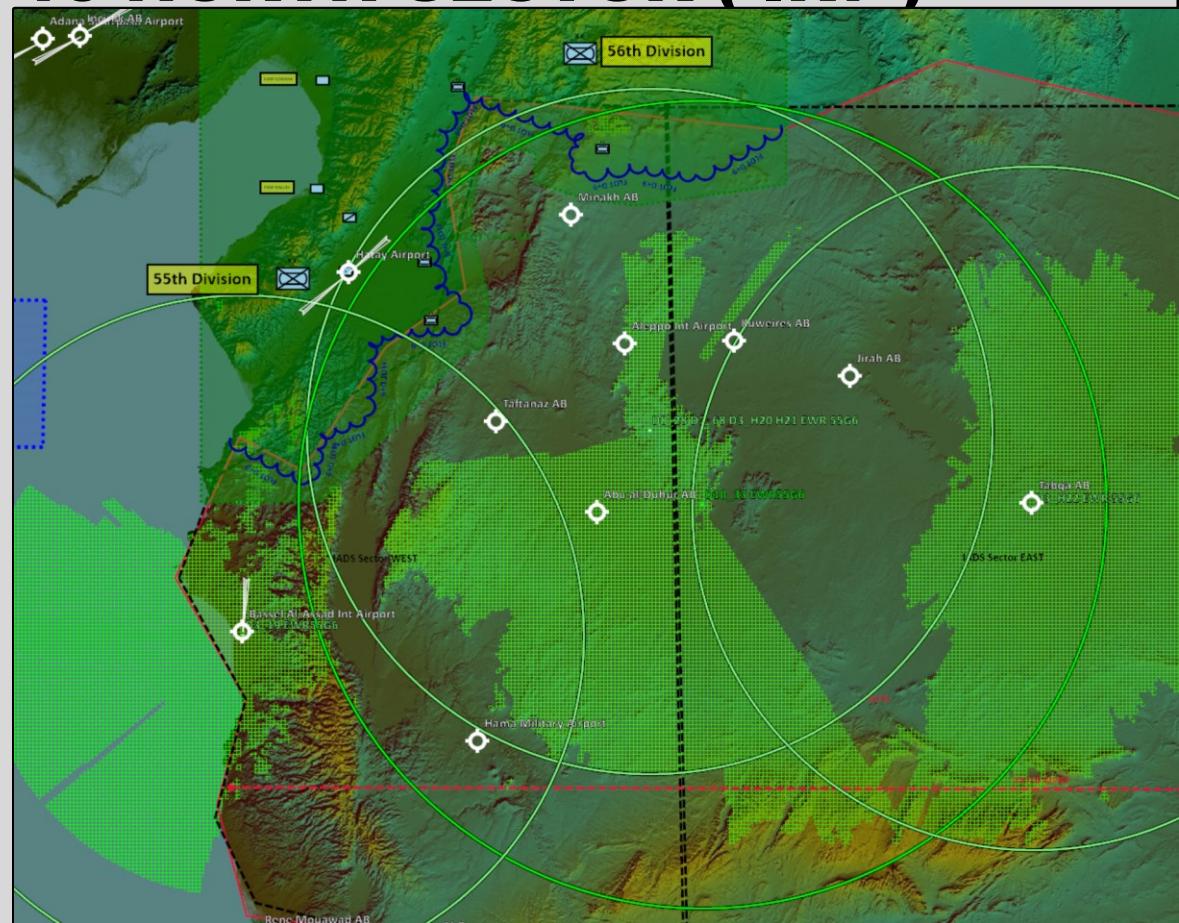
Sector EAST IADS intact. (SCC West operable).

Sector SOUTH IADS intact.

SDACC is active - Reduced Redundancy.

Backup SDACC IVO Jirah Destroyed.

Taking out central EWRs will LIKELY open a corridor from the north.





SYRIAN AF STRENGTH ASSESSMENT D+10

IR-3

It is **estimated** that the enemy air order of battle has been severely attrited based on reports. 4th Generation (MIG-29) airframe numbers are estimated down to **63%** of their original strength.

All but 6 MIG-25 have been destroyed leaving them down to **25%** strength.

MIG21s are at **78%** strength with MIG-23's at **83%** and SU-24's down to **75%**.

Overall estimated 67% remain of Fighters/Interceptors and Bomber aircraft - a 2% decrease from D+9. This limits the ability to **sustain** offensive and defensive air operations.

Based on sortie generation s It is **LIKELY** that Abu Al Duhur has been reinforced with an additional squadron of MIG21s.

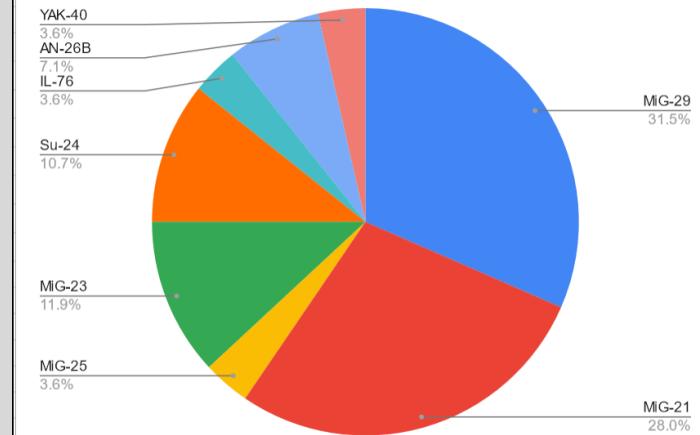
Intelligence suggests that the QRA reaction is **10 minutes** from Abu Al Duhu (MIG21), Tabqa (MIG29), Marj Ryhall AB (MIG23s) and Mezze AB (MIG29s).

IR-5

SyAF is able to conduct A-G sorties based on the aircraft inventory, although their operations are severely impeded by presence of CJTF fighters. SU-24s have observed operating in the AO as well as along the Syrian Coastline (low level). It is **CONFIRMED** that MIG29s based at Tabqa are being sortied for A-A role, but are otherwise a part of an A-G division, to meet CJTF strikes.

The Syrian Airforce is assessed as having a Basic DCA and elementary strategic strike competencies, although this may improve with future acquisitions of modern airframes, equipment and training.

Estimated SyAAF Asset Distribution



Estimated Remaining Air Assets - D+10

	TOTAL	REMAINING	%
MIG-29	84	53	63%
MIG-21	60	47	78%
MIG-25	24	6	25%
MIG-23	24	20	83%
SU-24	24	18	75%
TOTALS FIG/INT/BOM	216	144	67%
IL-76	6	6	100%
AN-26B	6	12	200%
YAK-40	6	6	100%
TOTALS TRANSPORTS	18	24	133%
	234	168	72%



SYRIAN IADS D+10 IR-8 + Recommendations

IR 8 - Presence of Russian forces confirmed in the AO - both operating over the ocean as well at Al Assad.

An unarmed drone was shot down 20nm north of Kueweries. Country of origin is unknown but pilots assessed this as a possible PLAAF drone. There is however no evidence to substantiate that.

Intentions of Russian and/or Chinese forces is unclear currently. As far as IADS goes, It is VERY LIKELY that Syrians recognize that legacy SAM systems is a serious defensive liability. To address these liabilities the best course of action would be to modernize their air defense systems to effect the defense of its airspace and critical infrastructure.

Recommendations

- VIS recommends the following:
- That BDA be effected on Tabqa AB as soon as possible, by any means available.
- That a minimum altitude be established for fixed in SPINS for North Sector to avoid the MEZ of low-medium altitude Air Defense outside designated areas **unless mission needs and ALR dictate otherwise**.
- That the cover of night be used to effect a strike on Al Duhur and continued denial of Jirah AB.
- That EWR sites, especially in the Center divider between West and East IADS sectors be destroyed, in order to open a potential corridor to further strikes to the South sector.