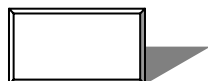


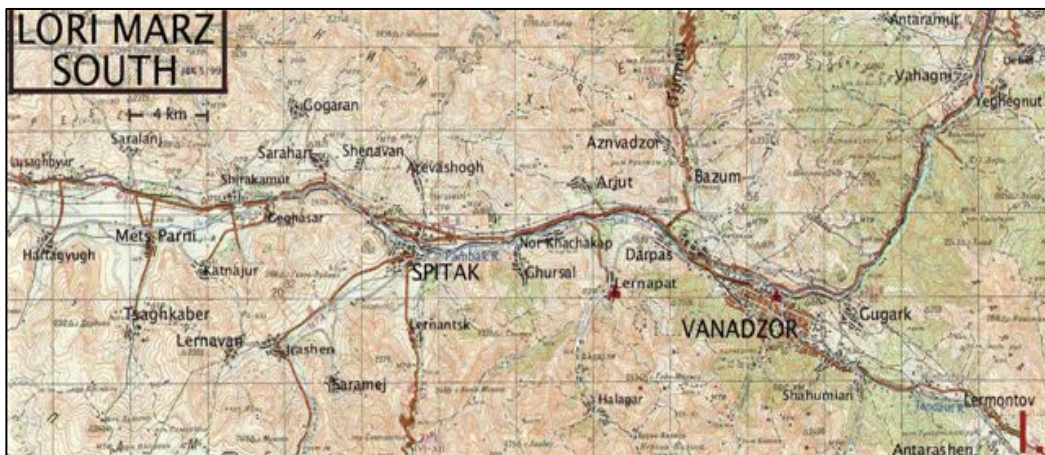


**Organization for Security and Co-operation in Europe
Office in Yerevan**

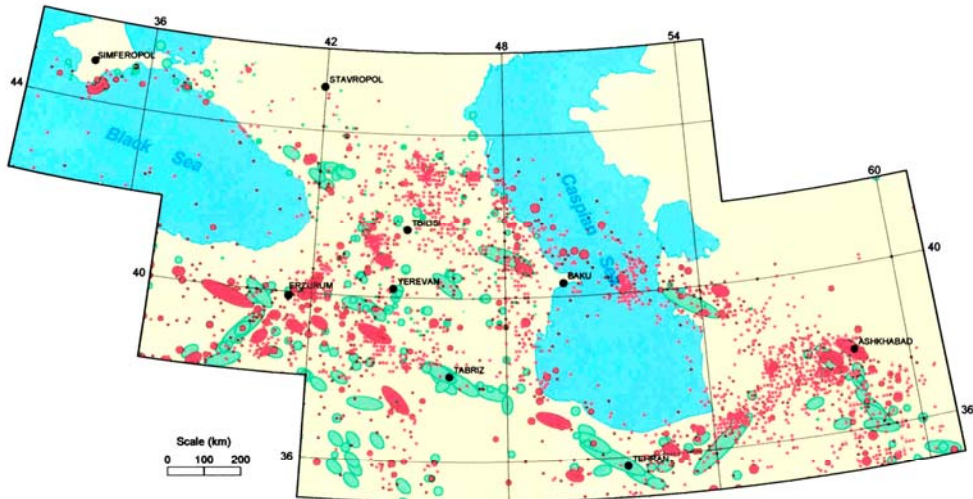
**Elimination of
Rocket Fuel Component Stocks
in the
Republic of Armenia**



Armenia and the Lori Region

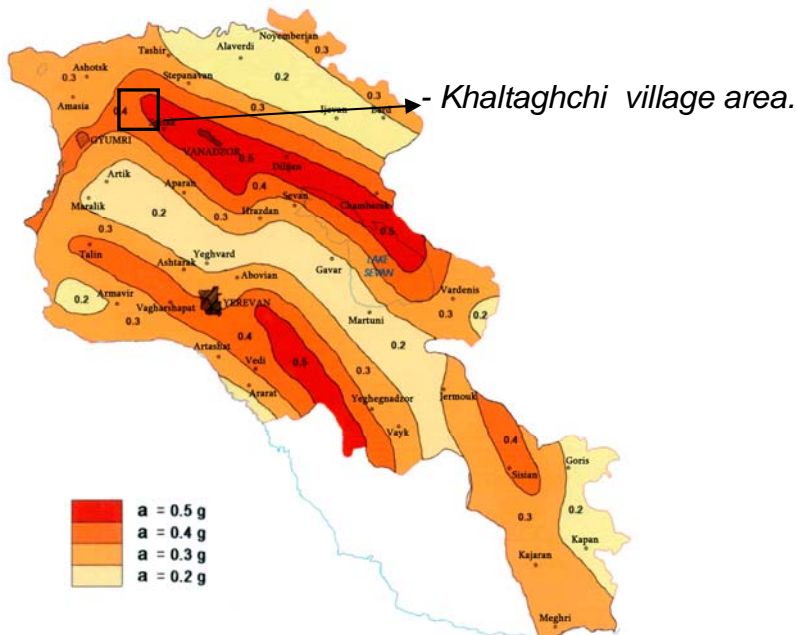


Seismic Activities of the Caucasus



Seismicity of the Caucasus
(Balassanian et al, 1999)

Earthquake sources
 $M \geq 7.8$ (large ellipses 200 km long);
 $M = 7.5 \pm 0.2$ (medium ellipses 100 km long);
 $M = 7.0 \pm 0.2$ (small ellipses, 50 km);
 $M = 6.5 \pm 0.2$ to $M = 3.5 \pm 0.2$
 at intervals of 0.5 magnitude units
 (circles of decreasing diameter).
 green - until 1900
 red - since 1900



Probabilistic s
 (the probability of exceeding the pointed g in 500 years is 10%).
 (Balassanian et al, 1999)

Types of Melange

AK-27i (e.g. SCUD missiles)

	no less than
Nitric acid (HNO_3)	70.00 %
Oxide of nitrogen (N_2O_4)	27.00 %
Water (H_2O)	up to 2.00 %
Inhibitor of corrosion (iodine/I)	0.10 - 0.16 %

AK-20k (e.g. SA-2 missiles)

	no less than
Nitric acid (HNO_3)	75.00 %
Oxide of nitrogen (N_2O_4)	20.00 %
Anhydrous hydrogen fluoride (HF)	0.50 – 0.80 %
Phosphoric acid (H_3PO_4)	1.00-1.50 %
Water (H_2O)	up to 2.00 %

AK-27p (e.g. S-300/ SA5 missiles)

	no less than
Nitric acid (HNO_3)	70.00 %
Oxide of nitrogen (N_2O_4)	27.00 %
Anhydrous hydrogen fluoride (HF)	0.50 %
Phosphoric acid (H_3PO_4)	0.10 %
Water (H_2O)	up to 2.00 %

Elimination of Melange since 1992

Germany	4,000 tons
Hungary	1,000 tons
Czech Republic	220 tons
Slovakia	100 tons
Finland	40 tons

Elimination supported by International Organizations since 2002.

Georgia	450 tons	OSCE funded
Moldova	350 tons	NATO PfP funded
Armenia	872 tons	OSCE funded

Melange still waiting for elimination

Belarus	10,000 tons
Ukraine	16,000 tons
Kazakhstan	
Uzbekistan	
Russia	