

Syria Missiles

Last update: August 2012

Missile	Nato Designation /Alternate Name	Type/ System	Length	Diameter	Payload (kg)	Range	Accuracy –CEP	Propellant /Stages	Guidance	Status	Origin
R-70 'Luna-M' (GRAU: 9K52/9M21-1) (Russia) ¹	Frog-7B (NATO)	Artillery rocket/ Road mobile	9.4 (m)	0.54 (m)	Single, 500; HE, CB	70 (m)	500- 700 (m)	Liquid	Spin stabilized	Operational	USSR
OTR-21 'Tochka-U' (GRAU: 9K79-1/9M79) (Russia) ²	SS-21-B 'Scarab-B' (NATO)	BSRBM/ Road mobile	6.4 (m)	0.65 (m)	Single, 1000; HE, CB	120 (m)	95 (m)	Solid; 1	Inertial	Operational	USSR
R-17/R-300 'Elbrus' (Russia) ³	SS-1-C 'Scud-B' (NATO)	SRBM/ Road mobile	11.25 (m)	0.88 (m)	Single, 985; HE, CB	300 (m)	450 (m)	Liquid; 1	Inertial	Operational	USSR/ DPRK/ Iran
R-17M 'Elbrus M' (GRAU: 9K72M) (Russia) ⁴	SS-1-D 'Scud-C' (NATO); Hwasong 6 (DPRK); Shahab 2 (Iran)	SRBM/ Road mobile	11.25 (m)	0.88 (m)	Single, 450-600; HE, CB	500- 700 (m)	50- 900 (m)	Liquid; 1	Inertial	Operational	USSR/ DPRK/ Iran
R-17VTO 'Aerofon' (GRAU: 9K72-O) (Russia) ⁵	SS-1-E 'Scud-D' (NATO); Hwasong 7 (DPRK); Shahab 3 (Iran)	SRBM/ Road mobile	13.5 (m)	0.88 (m)	Single, 500; HE, CB	700 (m)	50- 190 (m)	Liquid; 1	Inertial	Operational	DPRK/ Iran/ Domestic

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Missile	Nato Designation /Alternate Name	Type/ System	Length	Diameter	Payload (kg)	Range	Accuracy –CEP	Propellant /Stages	Guidance	Status	Origin
*Dongfeng-15 (DF-9/M-9) (PRC) ⁶	CSS-6 (NATO)	SRBM/Road mobile	9.1(m)	1(m)	Single, 320-500; HE	600-800 (m)	150-500 (m)	Solid; 1	Inertial	Unknown	China
*Dongfeng-11 (DF-11/M-11) (PRC) ⁷	CSS-7 (NATO)	SRBM/Road mobile	7.5 (m)	0.8(m)	500; HE	280-350 (m)	500-600 (m)	Solid; 1	Inertial	Unknown	China
M-600 (Syria) ⁸	CSS-8 (NATO); Fateh 110A (Iran)	SRBM/Road mobile	8.86 (m)	0.61(m)	500; HE, CB	210-250 (m)	100 (m)	Solid; 1	Inertial	Operational	Domestic (Iran, China)
P-35 'Redut' (GRAU: 4K44) (Russia) ⁹	SS-N-3B 'Sepal'/SS-C-1B (NATO)	SLCM/ASC M/Cruiser	9.8 (m)	1(m)	800-1,000; HE	300-400 (m)	N/A	Solid	Radar, radio command	Operational	USSR
P-15M 'Termit' (GRAU: 4K40M) (Russia) ¹⁰	SS-N-2C 'Styx'/SS-C-3 (NATO)	SLCM/ASC M/Cruiser	6.5 (m)	0.78(m)	450-520; HE	80 (m)	N/A	Liquid	Radar, radio command	Operational	USSR
P-800 'Onyx'/'Yakhont' (GRAU: 3K355E) (Russia) ¹¹	SS-N-26 (NATO)	LLCM/AS CM/Land	8.9 (m)	0.67(m)	250; HE	300 (m)	N/A	Ramjet	Radar, INS	Operational	Russia

Note: * Reports of Syrian possession are unconfirmed.

Sources:

- [1] Missile Threat, "Frog-7B," The Claremont Institute, www.missilethreat.com; "9K52 Luna-M - Frog-7," Military Russia, www.military.tomsk.ru.
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[3] "R-17 ('Scud B/C/D' Variants)," *Jane's Strategic Weapon Systems*, www.janes.com; Missile Threat, "SS-1C 'Scud B'," The Claremont Institute, www.missilethreat.com.

[4] "R-17 ('Scud B/C/D' Variants)," *Jane's Strategic Weapon Systems*, www.janes.com, April 2012; Missile Threat, "SS-1D 'Scud C'," The Claremont Institute, www.missilethreat.com; Missile Threat, "Scud C variant," The Claremont Institute, www.missilethreat.com.

[5] "R-17 ('Scud B/C/D' Variants)," *Jane's Strategic Weapon Systems*, www.janes.com, April 2012; Missile Threat, "Scud D variant," The Claremont Institute, www.missilethreat.com; "9K72/P-17 - SS-1C/D/E Scud-B/C/D," Military Russia, www.military.tomsk.ru.

[6] "Dongfeng 15 (CSS-6) Short-Range Ballistic Missile," Sino Defence, www.sinodefence.com; Missile Threat, "M-9 Variant." The Claremont Institute, www.missilethreat.com.

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*"R-17 ('Scud B/C/D' Variants)." *Jane's Strategic Weapon Systems Offensive Weapons*, 30 April 2012, www.janes.com.

[7] "Dongfeng 11 (Ccss-7) Short-Range Ballistic Missile," Sino Defence, www.sinodefence.com; Missile Threat, "M-11 Variant," The Claremont Institute, www.missilethreat.com.

[8] Missile Threat, "Fateh a-110," The Claremont Institute, www.missilethreat.com; "R-17 ('Scud B/C/D' Variants)," *Jane's Strategic Weapon Systems*, 27 April 2012, www.janes.com.

[9] "P-6/7/10 and P-5/35 (Ss-N-3 'Shaddock' and Ssc-1 'Sepal)," *Jane's Strategic Weapon Systems Offensive Weapons*, www.janes.com, September 2011; "Kompleks beregovoi oboroni 'Redut'," [Coastal Defense System 'Redut',] www.warships.ru.

[10] Carlo Kopp, "Soviet/Russian Cruise Missiles," Air Power Australia, Technical Report APA-TR-2009-0805, April 2009, www.ausairpower.net; "Protivokorabelnaya raketa P-15 'Termit'," [Anti-ship missile P-15 'Termit',] www.warships.ru; Missile Threat, "SS-N-2C," The Claremont Institute, www.missilethreat.com.

[11] "Oniks/Yakhont/Bastion (SS-N-26 'Strobile'/SSC-5 'Stooge'/3M550)," *Jane's Strategic Weapon Systems*, April 2012; Missile Threat, www.janes.com; Missile Threat "SS-N-26," The Claremont Institute, www.missilethreat.com.

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