

Putin: Russia 'ahead of competition' with latest hypersonic weapons

By VLADIMIR ISACHENKOV
Associated Press



Russian President Vladimir Putin, right, drives the Aurus, or Cortège, limousine during his meeting with Egyptian President Abdel-Fattah el-Sissi at the Sochi Autodrom circuit in Sochi, Russia on Wednesday.

MOSCOW — President Vladimir Putin hailed new missiles in Russia's military arsenals, but emphasized Thursday that the country would only use its nuclear weapons in response to an incoming missile attack.

He voiced confidence that Russia could resist Western pressure and expressed hope that U.S. President Donald Trump eventually would move to repair fractured ties with Russia.

Speaking at an international policy forum in Sochi, Putin noted that Russia's military doctrine doesn't envisage a preventative nuclear strike. He said Moscow only would tap its nuclear arsenal if early warning systems spotted missiles heading toward Russia.

"Only when we become convinced that there is an incoming attack on the territory of Russia, and that happens within seconds, only after that we would launch a retaliatory strike," he said during a panel discussion at the forum.

"It would naturally mean a global catastrophe, but I want to emphasize that we can't be those who initiate it because we don't foresee a preventive strike," Putin said. "The aggressor should know that retaliation is inevitable, and he will be destroyed."

"We would be victims of an aggression and would get to heaven as martyrs," while those who initiated the aggression would "just die and not even have time to repent," he added.

The Russian leader also warned that new hypersonic missiles his country developed give it a military edge.

"We have run ahead of the competition. No one has

precision hypersonic weapons," he said. "Others are planning to start testing them within the next 1 1/2 to 2 years, and we already have them on duty."

Russia already has deployed the Kinzhal hypersonic missile. Putin said that the Avangard, is set to enter service in the next few months.

Earlier this year, Putin said the Avangard has an intercontinental range and can fly in the atmosphere at a speed 20 times the speed of sound, making it capable of piercing any missile defense system.

His blunt talk Thursday comes as Russia-West relations remain frosty over the Ukrainian crisis, the war in Syria and the allegations of Russian meddling in the 2016 U.S. presidential vote.

Putin said he still hoped Trump would be able to improve the ties between their countries. He thinks

Trump wants "some sort of stabilization and improvement of U.S.-Russian ties" and said Moscow is ready for that "at any moment."

Putin said his meeting with Trump in Helsinki in July was positive and they had a "normal, professional dialogue" even though their exchange brought strong criticism for Trump. He dismissed the dynamic as the result of "the internal political struggle."

"Some people think that playing the Russian card is a very convenient instrument for solving internal political problems," Putin said. "I hope it will go away. I don't know if it happens after the congressional elections, but it might. Or it may happen after the 2020 U.S. presidential election, when he will no longer have to constantly look back at those who engage in anti-Russian rhetoric."

At the same time, the Rus-

sian president sharply criticized Washington's reliance on sanctions against Russia and others, saying the instrument of punishment "undermines trust in the dollar as a universal payment instrument and the main reserve currency."

"It's a typical mistake made by an empire," Putin said. "An empire always thinks that it's so powerful that it can afford some mistakes and extra costs. But mistakes and costs multiply, and a moment comes when they become overwhelming in both security and economic spheres."

Building on his defiance and boasts, Putin said Russia had nothing to fear given its resources, defense capability and "people ready to defend our sovereignty and independence."

"Not in every country are people so eager to sacrifice their lives for the Motherland," he said.

Wet and mild: Warm winter predicted for much of the US

By SETH BORENSTEIN
AP Science Writer

WASHINGTON — Winter looks wet and especially mild for much of the country, thanks to a weak El Niño brewing, U.S. meteorologists said.

The National Weather Service on Thursday predicted a warmer than normal winter for the northern and western three-quarters of the nation. The greatest chance for warmer than normal winter weather is in Alaska, the Pacific Northwest, Montana, northern Wyoming and western North Dakota.

No place in the United States is expected to be colder than normal, said Mike Halpert, deputy director of the government's Climate Prediction Center.

The Southeast, Ohio Valley and mid-Atlantic can go any which way on temperature, Halpert said.

Overall the winter looks a lot like the last few, Halpert said.

"The country as a whole has been quite mild since 2014-2015," Halpert said.

Winter weather expert Judah Cohen, of the private company Atmospheric and Environmental Research, uses different indicators to predict winter for the National Science Foundation. He also forecasted a warm winter, heavily based on weak snowfall in Siberia.

Halpert said the southern one-third of the United States and much of the East Coast could be hunkering down for a wetter than normal December through January. The chances are high-

est in southeastern Georgia and much of northern and central Florida.

Hawaii, Montana, Michigan, parts of Idaho, Wisconsin, northern Illinois, Indiana and Ohio are forecast to be drier than normal, with the biggest likelihood in Hawaii, Montana and Michigan.

The middle belt of the nation and some of the north from California to New York can go any which way on precipitation.

The weather service's forecast doesn't look at snow likelihood.

Halpert said the biggest factor in the forecast is a likely El Niño, the natural warming of parts of the central Pacific Ocean that influences weather worldwide.

The El Niño hasn't quite formed yet, but it's almost warm enough. Meteorologists predict there's a 75 percent chance it'll be around this winter. But it will be weak, not strong like the El Niño that helped lead to the record warm 2015-16 winter, Halpert said.

While El Niño is the biggest factor in the forecast, long-term warming from human-caused climate change is a factor, too, Halpert said.

"All things being equal, the slight kick we get out of the climate signal does tilt things toward the warm side," Halpert said.

But it's not enough to outweigh other factors if they push toward cold.

"Even on a warming planet," he said, "it doesn't mean winter goes away and it's never cold again."

FRIDAY AFTERNOON & EVENING

	12 PM	12:30	1 PM	1:30	2 PM	2:30	3 PM	3:30	4 PM	4:30	5 PM	5:30	6 PM	6:30	7 PM	7:30	8 PM	8:30	9 PM	9:30	10 PM	10:30	11 PM	11:30	
FOX	11 Into the Wild	Divorce Court	Steve!	Judge Mathis (N)	The People's Court	Paid Program	Mom	Last Man St.	Last Man St.	Modern Family	Modern Family	2 Broke Girls	2 Broke Girls	Last Man (N)	Cool Kids (N)	Kitchen "Hell Freezes Over" (N)	First at Ten (N)	35 Dateline "The Sting"	35 Mike & Molly						
KPTV	3 News	Nature	Wendy Williams	Truth	Truth	Xploratn/Athlete	Judy	Judy	News (N)	News (N)	News (N)	News (N)	News (N)	Inside Edition	The Big Bang	The Simpsons	MacGyver "Guts + Fuel + Hope" (N)	Hawaii Five-0 (N)	Blue Bloods "Blackout"	News (N)	35 Colbert				
KEPR	2 Fun-yAsk	Bold & B.	The Talk (N)	Let's Make a Deal	Dr. Phil		Judge Judy	Judge Judy	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	The Big Bang	The Simpsons	MacGyver "Guts + Fuel + Hope" (N)	Hawaii Five-0 (N)	Blue Bloods "Blackout"	News (N)	35 Colbert				
KOIN	19 Local 6 B & B	The Talk (N)	The 700 Club	Dr. Phil			News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	35 Colbert				
KNDU	6 TMZ	The Voyager	Days of Our Lives	The Wendy Williams Show	Daily Mail TV	Daily Mail TV	Ellen Jonah Hill, Whitney Cummings	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	Family Feud	Wheel (N)	Jeopardy! (N)	Blindspot "My Art Project" (N)	Dateline NBC							
KGW	8 News	Paid	Days of Our Lives	The Dr. Oz Show	E.DeGeneres (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	KGW News (N)	
KVCW	4 GMA Day (N)	General Hospital	The Doctors	The Rachael Ray Show			News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	News (N)	
KATU	5 GMA Day (N)	General Hospital	Afternoon Live	Million? Million?	KATU News (N)	News	News	News	News	News	News	News	News	News	News	News	News	News	News	News	News	News	News	News	
KTNW	31 Amanpour & Company (N)	Project Smoke	Quilt in a Day	Esmond & Tech. Fest	Halloween Boo	Ready Jet Go!	Wild Kratts	Odd Squad	Arthur	Business (N)	PBS NewsHour (N)	World News	Asia Insight	Autumnwatch New England (N)	Shakespeare Uncovered (N)	Shakespeare Uncovered (N)	Shakespeare Uncovered (N)	Shakespeare Uncovered (N)	Shakespeare Uncovered (N)	Shakespeare Uncovered (N)	Amanpour & Company (N)				
OPB	59 Paint This	O'Connell	Ciao Italia	Museum Access	Nature Cat	The Cat in the Hat	Arthur	Odd Squad	Odd Squad	Wild Kratts	Wild Kratts	Curious Traveler (N)	Business (N)	PBS NewsHour (N)	800 Words	Hinterland	45 Hinterland	"The Sound of Souls"	35 Silent Witness	25 S. "Underline" 1/2	Witness				

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A&E	52 Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	Live PD	
AMC	60 Halloween 4...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	Halloween 5: The Revenge of M...	
ANPL	24 Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	Treehouse Masters	
CMT	42 Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	Home I.	
CNBC	72 Closing Bell	Money Options	Mad Money	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	Shark Tank	
CNN	68 CNN Newsroom	The Lead	The Situation	The Situation	OutFront	A. Cooper 360	Cuomo	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	CNN Tonight	
DISC	51 Gold Rush	Gold Rush	Gold Rush	Rush "King Kong"	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	Gold Rush	
DISN	26 Spookley the ...	DuckTal. BigCity	Groovy Jessie	Bizaard	StuckM.	Raven's. Raven's.	Bunk'd	Bunk'd	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	CoopC.	Raven's. Raven's.	
ESPN	33 NBA: The Jump (L)	H.Noon	Highly?	Horn (N)	Interrupt	SportsCenter (N)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	NBA Countdown (L)	
ESPN2	34 NFL Live (N)	Talk (L)	Football	Highly?	Horn (N)	Interrupt	ESPN FC	Football	SportsCenter (N)	NCAA Football	Colorado State at Boise State (L)	SportsCenter (N)	Horn	Interrupt	NBA Basketball	Horn	Interrupt	NBA Basketball	Horn	Interrupt	NBA Basketball	Horn	Interrupt	NBA Basketball	
FNC	66 Shepard Smith	Your World	The Five	Special Report	The Story	Tucker Carlson	Hannity	Ingraham Angle	Fox News	The Five	Hannity	Ingraham Angle	Fox News	The Five	Hannity	Ingraham Angle	Fox News	The Five	Hannity	Ingraham Angle	Fox News	The Five	Hannity	Ingraham Angle	
FOOD	61 Barefoot	Giada	Pioneer	Pioneer	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners	Diners
FREE	32 The Boat	The Boat	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle	Middle
FX	65 Mother	Mother	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	Mike&M.	
GOLF	88 CHAMPS Golf	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	CJ Cup Site: Nine Bridges -- Jeju Island, Korea	Golf C.	PGA Golf	
GSN	76 The Chase	Caroline	Feud	Am.Says	Am.Says	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	Feud	
HALL	87 The Convenience	Groom	Pumpkin Pie Wars	Julie Gonzalo.	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	Good Witch	Secrets of Grey Hou...	
HGTV	62 Fixer Upper Spe.	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	H.Hunt	
HIST	50 Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	Ancient Aliens	
LIFE	29 DeadlyMisfortune	The First 48	The First 48: Lost	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	Grey's Anatomy	
NICK	27 PAW	Machines	PAW	PAW	PAW	PAW	Sponge	Sponge	Sponge	Sponge	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	Loud H.	
ROOT	37 Paid	Paid	The Dan Patrick Show (N)	Champions Tennis	Legends	Football	NCAA Hockey N.H./CC (L)	In Depth	Fantasy Football	H.S. Football															
SPIKE	42 Bar Rescue	2 1/2Men	2 1/2Men	2 1/2Men	2 1/2Men	2 1/2Men	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	Mom	
SYFY	67 Z Nation	Sorority Row	Briana Evigan.	Knock Knock	Keanu Reeves.	Drive Angry	(11, Act) Nicolas Cage.	The Texas Chainsaw Massacre	Z Nation (N)	Van Helsing (N)	Z Nation														
TBS	59 Friends	Friends	Friends	Friends	Friends	Friends	Am.Dad	Am.Dad	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	Fam.Guy	
TCM	56 Movie	Time Without Pity	Back in Circulation	You Can't Escape Forev...	Carry on Screaming	Nurse on Wheels	Raising the Wind	(1961)	Sing Sis	Dreamscape															
TLC	49 L.I. Medium	L.I. Medium	Gypsy Wedd	Gypsy Wedd	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	Say Yes	
TNT	57 Supernatural	Bones	Bones	Bones	Bones	Bones	NC																		