



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (27.1.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change on 27. Jan. 2020.

Jan27. 1449UTC [Falcon 9](#) Starlink v1 Flight 3

Launch site: [Cape Canaveral](#), USA

Jan28. 0134UTC [H-IIA 202](#) IGS Optical-7

Launch site: [Tanegashima](#), Japan

Jan31. 0000UTC [Electron](#) NROL-151

Launch site: [Kaitorete Spit](#), New Zeland

Jan?? [Soyuz-2-1A/Fregat](#) M Meridian M 9

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

Feb06. 0427UTC [Atlas 5](#) [Solar Orbiter \(SoI0\)](#) (ESA)

Launch site: [Cape Canaveral](#), USA

Feb06. 2137UTC [Soyuz-2B/Fregat-MT](#) OneWeb smalsat (x34)

Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Feb09. 2239UTC [Antares 230](#) [Cygnus](#) OA-13

Launch site: [Wallops Island](#), USA

Feb12. [Soyuz-2-1B/Fregat](#) Glonass M 60

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

Feb14. [Falcon 9](#) Starlink v1 Flight 4

Launch site: [Cape Canaveral](#), USA

Feb17. [Astra Space](#) NSLSat-1

Launch site: Kodiak, USA

Feb17. [CZ-2C](#) Yaogan Weixing – 30 Group 6

Launch site: [Xichang](#), China

Feb18. 2214UTC [Ariane 5](#) ECA (VA252) GEO-KOMPSAT-2B , JCSat 17

Launch site: [Kourou](#), French Guiana

Feb25. KZ-11 Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)

Launch site: [Jiuquan](#), China

Feb?? [GSLV](#) F10 GISAT 1

Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

Feb?? Simrogh Zafar

Launch site: [Semnan](#), Iran

?? [KZ-1A](#) Xingyun-2 (01,02)

Launch site: [Jiuquan](#), China



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Feb??	PSLV (C49)	RISAT-2BR2 + 4 Kleos + 4 Spiresats	160
Feb??	GSLV	GSAT - 32	
Feb??	Falcon 9	Starlink v1 Flight 5	
Feb??	CZ-11	??CAS 5, 5B	
??	H-IIA	JDRS-1	
Mar01.	Falcon 9	Dragon SpX-20	
	Launch site: Cape Canaveral , USA		
Mar01.	Electron	ElaNa ; Andesite	
	Launch site: Kaitorete Spit , New Zeland		
Mar06.	0133UTC	Soyuz-2 B (VS24)	Falcon Eye 2
	Launch site: Kourou , French Guiana		
Mar13.	Atlas 5 551 (AV-086)	AEHF-6	
	Launch site: Cape Canaveral , USA		
Mar24.	0150UTC	Vega (VV16)	SSMS POC (Small Spacecraft Mission Service Proof Of Concept)
	Launch site: Kourou , French Guiana		
Mar30.	Proton-M/Briz-M	Ekspress 80 , Ekspress 103	
	Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Mar??	Cosmic Girl / LauncherOne	Test Launch	
	Launch site: Spaceport America , USA		
Mar??	Delta IV-	DMSP-5D3 F20	
Mar??	Soyuz-2-1B/Fregat-M	Glonass K1 / 15	
Mar??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
Mar??	CZ-3B/YZ-1	Beidou 3 G2Q	
Mar??	Minotaur IV	NROL 129	
Mar??	CZ-7A	TJSW-6	
Mar??	Soyuz-2B/Fregat-MT	OneWeb smalsat (x34)	
??	Safir 1 B	Nahid-1	
	Launch site: Semnan , Iran		
??	Ariane 5	Galaxy 30 / MEV-2	140
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
Apr09.	Soyuz 2-1A	Soyuz MS 16 (S63/64)	
	CDR: Николай Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin), Christopher John Cassidy		
	Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Apr18.	Soyuz-2 B/Fregat-MT	OneWeb smalsat (x34)	
	Launch site: Восточный (Vostochniy) Cosmodrome, Russia		
Apr25.	Soyuz-2	Progress MS 14	
	Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Apr??	Firefly Alpha	first flight	



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Launch site: [Vandenberg](#), USA

Apr?? SSLV D1 Two defence sats
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

Apr?? CZ-5B Y1 New generation manned spacecraft
Apr?? [PSLV](#) C51 HRSAT
Apr?? [Falcon 9](#) GPS IIIA-3
Apr?? [Soyuz-2B/Fregat](#)-MT OneWeb smalsat (x34)

?? [Falcon 9](#) (SPx-DM2) [Dragon v2](#)
CDR: Robert **Benkhen**, Doug **Hurley**

?? [Ariane 5](#) ECA Eutelsat Quantum

May?? [H-2B](#) (F10) [HTV9](#)
May?? ??CZ-8 Taihu -1
May?? [Soyuz-2-/Fregat](#)-MT OneWeb smalsat (x34)
May?? [Atlas 5](#) 551 AFSPC-7 (X-37B OTV 6)

?? - inaugural flight - Vega-C – Lares 2 120
?? [PSLV](#) IRNSS-1J
?? [Falcon 9](#) Anasis II
?? [Falcon 9](#) SiriusXM SX7

June?? [Atlas 5](#) 422 (AV082) CST-100 Starliner
CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**

June?? [Ariane 5](#) MTG-S1/Sentinel-4A
June?? [CZ-3C](#) [Beidou 3](#) G3Q
June?? Vega_C Space Rider flight 1
June?? [Delta IV](#)-H NROL-44
June?? [Ariane 5](#) ECA GSAT-20
June?? [Soyuz-2](#) B/[Fregat](#)-MT OneWeb smalsat (x34)
June?? [Soyuz-2](#) B /[Fregat](#)-M CAS500-1; +

?? [Vega](#) Seosat (Ingenio)
?? [Soyuz-2](#) B/[Fregat](#)-MT OneWeb smalsat (x34)
?? ?? Xidian -1
?? [Angara](#) A5/ Briz M Kosmos
?? [Soyuz-2-1B/Fregat](#)-M Glonass K2 / 13
?? [Soyuz-2-1B/Fregat](#)-M Glonass M / 61
?? SSLV D2 Demo 2

July16 Ariane 62 OneWeb

July17. 1300UTC [Atlas 5](#) (541) [Mars 2020 rover](#) 100

July23. [CZ-5](#) Y4 [Mars probe](#) (orbiter + lander + rover)

July25. [Proton-M/Briz-M](#) **ExoMars (CM+DM) An ESA exobiology rover equipped with a deep drill developed by Astrium Satellites in the United Kingdom will launch in 2020. A Russian-built entry, descent and landing package will shepherd the rover to the red planet's surface.
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan**

July?? CZ-6A Satellogic (1-13)



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July??	GSLV MK II	F12	GISAT -2
July??	Soyuz-2 B/Fregat -MT		OneWeb smalsat (x34)
July??	H-IIA	Hope (UAE mission to Mars)	
July??	PSLV C50		RISAT_1A
??		Vega-C Pleiades Neo 1, Pleiades Neo 2	
??	Ariane 5	ViaSat 3 EMEA	
??	Vega	OpSis	
Aug05.	Falcon 9 FT		Dragon SpX-21
Aug20.	Soyuz-2		Progress MS 15
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
Aug??	Soyuz-2 B/Fregat -MT		OneWeb smalsat (x32)
Aug??	Falcon 9		GPS IIIA-4
??	Vega_C		CERES (x3)
??	Vega		SSMS - 2 (Small Spacecraft Mission Service)
Sep??	CZ		CBERS-6
Sep??	Falcon 9		GPS IIIA-5
Sep??	??		GOES-T (National Security Space Launch program)
Sep??	Soyuz-2 B/Fregat -MT		OneWeb smalsat (x32) 80
Sep??	Atlas 5 531		NROL-101
??	Soyuz-2-1B/Fregat -M		Glonass K2 / 17
??	Soyuz-2-1B / Fregat		Arktika-M
Oct14.	Soyuz 2-1A		Soyuz MS 17 (S63/64)
CDR: Анато́лий Алексе́евич Ива́нишин (Ivanishin) , Иван Викторович Вагнер (Vagner) , Stephen Bowen			
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
Oct??	Vega	Proba 3	
Oct??	Soyuz-2 ST (VS25)	CSO-2	
Oct??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2	
Oct??	JL-1	Hainan-1 (4)	
Oct??	Antares 230	Cygnus OA-14	
??	Falcon 9	SARah 1	
Nov30.	Proton-M		MLM
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
Nov??	Atlas 5 402		CST 100 Starliner
Cdr: John Cassada , Sunita Williams ,			
Nov??	Soyuz ST B/ Fregat -MT (VS26)		OneWeb smalsat (x34)
Launch site: Kourou , French Guiana			
Nov??	Soyuz-2 1B / Fregat -M	Resurs №4	
Nov??	Soyuz-2 B/ Fregat -MT		OneWeb smalsat (x34)
??	Delta IV -H		NROL-82
??	Atlas 5 551		AFSPC-8 (GSSAP 5, GSSAP 6)
??	Minotaur 1		NROL 111



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Dec04. [CZ-5](#) Y5 **Chang'e-5 (Sample return)**

Dec11. [Soyuz-2](#) **Progress MS 16**

Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan 60

Dec?? GSVL-Mk III. Gaganyaan-1 Dr B N Suresh and Mr Madan Lal, Vikram Sarabhai Space Centre (VSSC) presented the concept for the manned space mission including the development of an autonomous Orbital Vehicle (4,000kg manned capsule).

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 4

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M [Gonets](#) x 3 (No 27,28,29)

Dec?? [Soyuz-2](#) B/[Fregat](#)-MT OneWeb smalsat (x32)

?? [Angara](#) A5/ DM 03(Persei) Kosmos

?? [Falcon 9](#) FT [Dragon](#) SpX-22

?? ?? PACE

?? ?? EX-4

?? ?? ACE

?? ?? HypIRI

?? Antares IMAP/STP-05

?? [Falcon H](#) ViaSat 3

?? [Falcon 9](#) KPLO (Korea Pathfinder Lunar Orbiter)

?? [Atlas 5](#) 551 STP-03

?? [Atlas 5](#) 551 AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))

?? [Soyuz-2](#)-1A/[Fregat](#) 14F01 (Neutron)

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [Soyuz-2](#) 1A [Bars-M](#) 3

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 5

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 6

?? [Soyuz-2](#) 1A [Bars-M](#) 4 40

?? [Soyuz-2](#)-1B Pion

?? [Soyuz-2](#)- Razdan 1

?? [Soyuz-2](#)-1V ??

?? [Soyuz-2](#)-1V ??

?? [Soyuz-2](#)-1V ??

?? [Angara](#) 1.2 Kosmos

?? [Ariane 5](#) Arsat 3

?? [Ariane 5](#) ViaSat-3 Asia

?? [Ariane 5](#) ECA EDRS-D

?? [Ariane 5](#) ECA Star One D2

?? ?? Seosat-Ingenio-2

?? CZ Two Meter Space Telescope

?? CZ FY-4C Fengyun-4C



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??	CZ	HY-3B Haiyang-3B	
??	CZ-3B/	Palapa 1N	
??	??	Hainan-1 (5)	
??	??	Hainan-1 (6)	
??	??	Sanya-1 (1)	
??	??	Sanya-1 (2)	
??	CZ	FY-3F Fengyun-3F (Batch 2)	20
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-2D	SJ-19 Shijan-19	
??	CZ-11	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	CZ-3B/E	Apstar-6D	
Launch site: Xichang , China			
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-2D	CAS 6	
??	CZ	CBERS-SAR 1	
??	CZ-4C	FY-3E Fengyun-3E	
??	GSLV	MK II F11	GSAT-10A
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	
??	PSLV	EnMap	
??	PSLV	XL	Aditya'
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)	
??	H-IIA	204	Inmarsat-6 F1
??	Safir 1 B	Tadbir	
??	Safir 3A	Pars sepher	

5 + 176

2021.

Jan14. [Atlas 5](#) **Landsat 9**

Jan?? [Falcon 9](#) [Dragon v2](#) (USCV-1)
 Cdr: Victor **Glover**, Mike **Hopkins**, Soichi **Noguchi** 60

Feb?? [Falcon 9](#) GPS IIIA-6
 Feb?? [Falcon H](#) AFSPC-44



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??	Soyuz-2 1B	Progress M-UM
??	GSLV MK II	Chandrayan-3
Mar31.	Ariane 5 ES	JWST (James Webb Space Telescope)
Mar??	Atlas 5 411	SBIRS-GEO 5
Mar??	Soyuz-2	Progress MS 17
Apr??	Soyuz-2 -1A	Soyuz MS 18
	Cdr: Сергей Николаевич Рыжиков , Сергей Владимирович Кудь-Сверчкóв	
Apr??	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
Apr??	Falcon 9	IXPE (Imaging X-ray Polarimetry Explorer)
May??	Soyuz-2	Progress MS 18
May??	Antares 230	Cygnus OA-15
??	CZ-5B Y2	Tian He Space Station Core Module
??	CZ-2F/G	SZ-13 Shenzhou-13
June??	Soyuz ST B/ Fregat MT	Euclid
	Euclid will depart Earth on a Soyuz rocket launched from French Guiana and head for the L2 Lagrange point.	
June??	Falcon 9	DART (Double Asteroid Redirection Test)
June??	Angara 1.2	Kompsat-6
June??	Falcon 9 FT	Dragon SpX-23
June??	Atlas 5 402	USCV-2 (US Commercial Vehicles)
??	SLS-1	Artemis-1 Orion (unmanned trip around the Moon) Exploration Mission 1
	(Distant Retrograde Orbit (DRO) Tactical DRM)	
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)
??	CZ-2F/G	SZ-12 Shenzhou-12
??	Soyuz-2	Progress MS 19
??	Ariane 62	Galileo-FOC FM25, Galileo-FOC FM26
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2
July??	Vega C	Biomass
July??	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)
July??	GSLV-Mk III. Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare
Sep??	Soyuz ST B/ Fregat -MT	MetOp-SG A1/EPS-SG-a/Sentinel-5A
Sep??	Falcon 9	SWOT
Sep??	Falcon 9	OHB SARah 2/3
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1
??	Delta IV -H	NROL-91
Oct16.	Atlas 5 401	Lucy
Oct??	Soyuz-2 -1A	Soyuz MS 19
	CDR: Олэг Викторович Новицкий , Пётр Валерьевич Дубров	



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Oct??	Atlas 5 401/ Falcon 9 v1.1	JPSS Free Flyer 2 (TSIS-2)
Oct??	Ariane 62	CSO-3
Oct??	Antares 230	Cygnus OA-16
??	Soyuz-2-1A	Soyuz MS 20
Dec??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)
CDR: Lindgren , ??(NASA), ??(RF)		
Dec??	Vega C KOMPSAT 7	
Dec??	GSLV-Mk III.	Gaganyaan-3
Dec??	Falcon 9	NROL-85 Intruder 13A713B
Dec??	Falcon 9	NROL-87
??	Ariane 5	MTG-I1
??	Atlas 5 552	Dream Chaser Cargo System SNC-2
??	Falcon 9	GPS IIIA-7
??	Falcon 9	GPS IIIA-8
??	Soyuz-2	Progress MS 20
??	Soyuz-2-1B/Fregat-M	Transformable Modul TM
??	Proton-M/Briz-M	Ekspress AMU 3 / Ekspress AMU 7
??	Proton-M/Briz-M	Elektro L - 4
??	Proton-M/Briz-M	Space Drone x2
??	Proton-M/Briz-M	Inmarsat-6 F2
??	Proton-M/Briz-M	Kosmos
??	Soyuz-2 1A	Energiya-100
??	Soyuz-2-1B/Fregat-M	Meteor M No2-4
??	Soyuz-2-1B/Fregat-M	Smotr R №1
??	Proton-M/Briz-M	IntelSat
??	Soyuz-2-1B/Fregat-M	Arktika M 2
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 2
??	Soyuz-2 1B / Fregat-M	Resurs №5
??	Angara A5/ Briz-M	Luch 5M
??	Soyuz-2 1B / Fregat-M	Glonass K1 / 16
??	Soyuz-2 1B / Fregat-M	Glonass K1 / 17
??	Soyuz-2-1B/Fregat-M	Meteor M No2-3
??	Soyuz-2-1A/Fregat-M	Gonets x 6
??	Soyuz-2-1A/Fregat	Resonance 1A, Resonance 1B RESONANCE is a project to study Earth's magnetosphere consisting of four similar satellites.
??	Soyuz-2-1B	Lotos S1
??	Soyuz-2-1B	Persona
??	Soyuz-2-1A	Kobalt M
??	Soyuz-2-1A	Foton M
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 1



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??	Soyuz-2-1B	Obzor R -1
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ №1
??	Zenit 3 SL /Fregat-SB	Lybid'
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
??	Ariane 5	Heinrich Hertz
??	Ariane 5	SES-17
??	Ariane 5	Comsat NG 1 (Syracuse 4A)
??	Soyuz ST B/Fregat-MT	CSO 2 (Composante Spatiale Optique-2)
??	Soyuz-2 B/Fregat-MT	OneWeb smalsat (x32)
??	Vega C	Space Rider 2
??	Vega C	CNES/UAE Mars mission
??	Vega-C	Pleiades Neo 3, Pleiades Neo 4
??	CZ-3B/G2	TCSTAR 1
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)

2022.

Jan??	??	Solar Sentinels
??	Soyuz-2	Progress MS 21
??	CZ-5 B	Wentian Lab module Space station module

Mar17.CZ3 Asteroid rendezvous and touchdown Rendezvous with the asteroid Apophis on 18 March 2023, entering its orbit. After 220 days, the probe will depart and then proceed toward asteroid 2002EX11. Flyby is expected on 6 October 2025 at a 9.8 km/s speed. Third and final leg of its journey, the probe will make a rendezvous with asteroid 1996FG3 on 1 January 2027 and enter its orbit. After 180 days, the probe will eventually make landing on its surface on 30 June 2027.

Mar??	Atlas 5	NROL-107 Silentbaker
??	CZ7	TZ 3 Tianzhou 3 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-14 Shenzhou-14
Apr??	Soyuz-2-1A	Soyuz MS 21
Apr??	CZ-3B/G2	LSTSAT (Nicasat 1)
??	CZ7	TZ 4 Tianzhou 4 (Logistic Cargo Vechile)
??	CZ-5 B	Mengtian Lab module Space station module
??	CZ-2F/G	SZ-15 Shenzhou-15

May20. [Ariane 5ECA](#) **JUICE (JU** **piter ICy moon Explorer)**



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June04. SLS Block I Orion: Exploration Mission 2 (Crew to Cislunar) Mission)

June??	Ariane 5	MTG-I2
June??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
??	Sunkar ??	
??	Soyuz-2	Progress MS 20
Aug??	H2B	Phobos sample return
Aug??	Atlas 5 411	SBIRS-GEO 6
Oct??	Soyuz-2 -1A	Soyuz MS 22
Oct??	Vega C Biomass	
??	Soyuz-2 -1A	Soyuz MS 23
Dec??	Soyuz ST B/ Fregat -MT	MetOp-SG B1
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)
Dec??	Delta IV -H	NROL-68
Dec??	Atlas 5 402 / Falcon 9	USCV-5 (US Commercial Vehicles)
??	Sunkar Federatsia (unmaned)	
??	Soyuz-2	Progress MS 21
??	Falcon 9	GPS IIIA-9/GPS IIIB-1
??	Falcon 9	GPS IIIA-10/GPS IIIB-2
??	Proton-M	HЭM-1
??	Proton-M/Briz-M	Ekspress – AMU 5
??	Proton-M/Briz-M	Ekspress – AMU 6
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4
??	Proton-M/Briz-M	Yenisey A1
??	Proton-M/Briz-M	Ямал-501
??	Proton-M/Briz-M	Ямал-GK-1
??	Proton-M	PTK NP
??	Proton-M/Briz-M	Ekspress-RV1, Ekspress-RV2
??	Proton-M/Briz-M	Ekspress AMU 4
??	Proton-M/Briz-M	Anik G2V
??	Proton-M/Briz-M	Luch-5VM 1
??	Proton-M/Briz-M	Luch-5VM 2
??	Soyuz-2 -1B/ Fregat -M	Smotr R №2
??	Soyuz-2 -	Razdan 2
??	Proton-M/Briz-M	Elektro L - 5
??	Soyuz-2 -1B/ Fregat -M	Resurs PM - 1
??	Ariane 5	Moon's south pole samples return mission
??	Ariane 5	Comsat NG 2 (Syracuse 4B)
??	Vega C Space Rider 3	
??	Vega C CryoSat FO	



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?? CZ HY-3C Haiyang-3C

2023.

?? [Soyuz-2](#) [Progress MS 22](#)

Apr?? [Soyuz-2-1A](#) [Soyuz MS 24](#)

?? CZ7 TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)

?? CZ-2F/G SZ-16 Shenzhou-16

June?? [Atlas 5 402 / Falcon 9](#) USCV-6 (US Commercial Vehicles)

?? [Soyuz-2](#) [Progress MS 23](#)

?? [Ariane 5](#) MTG-S2/Sentinel-4A

Oct?? [Soyuz-2-1A](#) [Soyuz MS 25](#)

Dec?? [Atlas 5 402 / Falcon 9](#) USCV-7 (US Commercial Vehicles)

?? [Soyuz-2](#) [Progress MS 24](#)

?? SLS Block IA II Orion: Exploration Mission 3 (Crew to Cislunar)

?? Sunkar Federatsia (unmanned flight to ISS)

?? A Russian [Proton/Briz-M](#) (or Angara) rocket to launch the [Laplas-P](#) mission to orbit the moon of Jupiter Ganymede.

?? [Proton-M/Briz-M](#) Ekspres – AT3, AT4

?? [Soyuz-2-1B/Fregat-M](#) Resurs PM - 3

?? [Angara 1.2](#) [Gonets](#) x 3

?? [Soyuz-2-1B](#) Obzor R - 2

?? [Soyuz-2-1B](#) Obzor O - 1

?? [Soyuz-2-1B/Fregat-M](#) Ellips - 1

?? [Angara A5P/DM03](#) Dopler 1, 2

?? [Soyuz-2-1B/Fregat-M](#) Meteor M No2-5

?? [Soyuz-2-1B/Fregat-M](#) Arktika M 3

?? [Soyuz-2-1B/Fregat-M](#) Resurs PM - 2

?? [Vega C](#) Space Rider 4

?? [Soyuz ST B/Fregat-MT](#) Sentinel-1C

?? CZ SPORT (Solar Polar Orbit Radio Telescope)

?? CZ FY-4D Fengyun-4D

?? CZ Chang'e-7 (Moon south pole landing)

?? [GSLV MK III](#) Shukrayaan (Venus orbiter)

?? [Angara A5P/DM03](#) Lutch 5 – 2

?? [Soyuz-2-1b](#) Bion-M No. 2

?? [Angara A5P/DM03](#) Lutch 5 – 3

?? ?? Ямал GK 2

?? [Soyuz-2 1a / Fregat](#) [Luna 26](#) (Luna-Resurs OA)



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2024

Jan??	Delta IV-H	NROL-70
Apr??	Soyuz-2-1A	Soyuz MS 26
June??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
Sep??	GSLV MK III	Mangalyaan – 2 Mars Orbiter
Oct??	Soyuz-2-1A	Soyuz MS 27
Oct??	EELV	GOES-U
Dec??	Atlas 5 402 / Falcon 9	USCV-9 (US Commercial Vehicles)
??	SLS Block IA II	Orion: Exploration Mission 4 (Crew to Cislunar)
??	Sunkar	Federatsia (Light 14t – 2 man to ISS)
??	Soyuz-2	Progress MS 25
??	Soyuz-2	Progress MS 26
??	Soyuz-2	Progress MS 27
??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
??	Proton-M / DM-03	Spektr - UF
??	Soyuz-2-1B/Fregat-M	Resurs PM - 4
??	Angara 1.2	Gonets x 2, Gonets M
??	Soyuz-2-1B/Fregat-M	Arktika M 4
??	??	Ямал GK VEO 1
??	Soyuz-2-1A	Obzor P -1
??	Soyuz-2-1B/Fregat-M	Razdan - 3
??	Soyuz-2-1B/Fregat-M	Meteor M No2-6
??	??	DYNAMIC/STP-06
??	CZ	Asteroid (Ceres) Sample Return Mission
??	CZ-5	Chang'e-6 Moon polar area sample return
??	Lapan	Pengorbitan-1 (RPS-01) (Indonesia)

2025

June??	Atlas 5 402 / Falcon 9	USCV-10 (US Commercial Vehicles)
Dec??	Atlas 5 402 / Falcon 9	USCV-11 (US Commercial Vehicles)
??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)



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??	Soyuz-2-1A	Soyuz MS 28	
??	SLS Block I	Europa Clipper	
??	Soyuz-2 1b	Luna28 (Luna-Grunt-1)	delivering a new-generation rover for gathering, analysis and uploading of samples
??	Soyuz-2-1B/Fregat-M	Resonans 2A, 2B, MKA-PN5	
??	??	Ямал GK VEO 2	
??	??	Ямал GK VEO 3	
??	Angara 1.2	Gonets x 3	
??	Soyuz-2-1B/Fregat-M	Arktika M 5	
??	Soyuz-2-1B	Obzor O -2	
??	Soyuz-2-1B	Bion-M No. 3	

2026.

June??	Atlas 5 402 / Falcon 9	USCV-12 (US Commercial Vehicles)
Dec??	Atlas 5 402 / Falcon 9	USCV-13 (US Commercial Vehicles)
June??	Angara A5P/KVTK	A mission to Venus (<i>Venera D</i>) would be launched
??	CZ	Jupiter Orbiter
??	CZ	Mars Sample Return
??	CZ	Chang'e-8 (Moon north pole landing)
??	Angara A5/DM03	Bumerang (FobosGrunt 2)

2027.

June??	Atlas 5 402 / Falcon 9	USCV-14 (US Commercial Vehicles)
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2069.

??	??	Interstellar mission
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