



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (11.2.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 11.Feb.2019.

Feb21. 1647UTC Soyuz-2-1B EgyptSat A

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

Feb22. 0145UTC Falcon 9 Nusantara (PSN VI)

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

Feb22. 2137UTC Soyuz ST B/Fregat-MT (VS21) OneWeb smalsat (x6)

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

Feb?? Electron/Curie DARPA R3D2

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

Feb?? CZ-3C [Beidou 3](#) 2G8

Feb?? CZ-3A [Beidou 3](#) I1Q

?? LauncherOne Test Launch

Launch site: [Spaceport America](#), USA

?? Pegasus-XL ICON ([Helio EX-1](#))

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

?? [Soyuz-2-1B/Fregat M](#) Meridian 18L

Mar02. 0745UTC Falcon 9 (SPx-DM1) Dragon v2 unmanned test

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

Mar09. 0150UTC Vega (VV14) Prisma

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

Mar13. 2258UTC Delta IV-M (5,4) WGS 10

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

Mar14. 1914UTC Soyuz-2 1A Soyuz MS 12 (S59/60)

CDR: Алексей Николаевич **Овчинин**, (Aleksey Nikolayevich **Ovchinin**), Christina **Hammock Koch**, Tyler N. **Hague**

Mar26. Soyuz ST B/Fregat-MT O3b (FM17-20)

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

Mar?? [Falcon H](#) Arabsat 6A

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

Mar?? CZ?? OS-M1

Mar?? [CZ-3B/G2](#) ZX-18 Zhongxing-18 **120**

Mar?? [PSLV](#) C45 EMIsat

Mar?? [PSLV](#) C46 CARTOSAT-3

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



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

?? [Rokot / Briz KM](#) [Gonets](#) x 3 (No 24,25,26), Blits-M

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

?? [Falcon 9](#) Radarsat C-1, -2, C-3

Launch site: [Vandenberg](#), USA

?? [Electron](#) Outernet 2,3

Apr04. 1101UTC [Soyuz-2](#) [Progress MS 11](#)

Apr05. **CZ??** **CAS-7A, CAS-7B**

Apr12. [Falcon 9](#) [Dragon SpX-17](#)

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

Apr17. [Antares 230](#) [Cygnum OA-11](#)

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

Apr?? [Soyuz-2-1B/Fregat-M](#) Meteor M-2-2, Ionosfera 3, Ionosfera 4

Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

Apr?? [GSLV](#) Mk II D9 Chandrayaan 2

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

Apr?? ?? GOES-T

Apr?? [CZ-3A](#) [Beidou 3](#) I2Q

Apr?? [CZ-2D](#) SJ-19 Shijian-19

Apr?? [Falcon Heavy](#) STP-02, FORMOSAT-7 (6 sat)

Apr?? [Proton-M/Briz-M](#) Blagovest 14

Apr?? [PSLV](#) C47 RISAT-2BR1

?? [Vega](#) Falcon Eye 1

May?? [Proton-M/Briz-M](#) EutelSat 5 West B / MEV **100**

May?? [Soyuz-2-1B/Fregat](#) Glonass M/ 58

May?? [Atlas 5](#) N22 (AV80) CST-100 Starliner (unmanned test)

?? [Falcon 9](#) SARah 1

June21. [Proton-M](#) rocket to launch **Spektr-Rentgen-Gamma X-Ray** observatory from Baikonur. 1900 kg Spectr-RG is a joint Russian-German X-ray observatory carrying two telescopes developed and produced by German and Russian partners. The primary instrument is German eRosita, complemented by Russian ART-XC. Main tasks of the project are studies of the sky in X-ray energy range, which can provide clues for the mystery of dark energy.

June22. [CZ-4B](#) **ZY-2D Ziyuan-2D**

Launch site: [Taiyuan](#), China

June27. [Atlas 5](#) **AEHF 5**

June?? [Soyuz-2-1B](#) Arktika M 1

Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

June?? [CZ-11](#) - SL CAS 6



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June??	Proton-M/Briz-M	Ямал-601	
June??	Soyuz-2-1B	Arktika-M	
June??	Ariane 5	GSAT-30	
??	CZ-3B/G2	TCSTAR 1	
??	SSLV	??	
??	GSLV MK II F10	GISAT	
??	Ariane 5 ECA	Intelsat 39	
??	Falcon 9	Amos 17	
??	CZ-11	Zhuhai-1 Group-3	
??	Ariane 5 ECA	Eutelsat 7C	
July06.	Soyuz FG	Soyuz MS 13 (S60/61)	
CDR: Александр Александрович Скворцов (Alexander Skvortsov), Luca Parmitano (ESA), Andrew Morgan (NASA)			
July08.	Falcon 9	Dragon SpX-18	80
July31.	Soyuz-2	Progress MS 12	
July??	Falcon 9 (SPx-DM2)	Dragon v2	
CDR: Robert Benkhen , Doug Hurley			
July??	H-2B (F9)	HTV8	
July??	Atlas 5 551	STP-03	
July??	Vega SSMS POC (Small Spacecraft Mission Service Proof Of Concept)		
July??	Ariane 5 ECA	EDRS-C (Hylas 3)	
July??	Delta IV	GPS IIIA-2	
July??	CZ-3A	Beidou 3 I3Q	
July??	CZ-5 Y3	SJ-20 (DFH-5 platform)	
Aug22.	Soyuz-2 1A	Soyuz 14 GVK	
Aug27.	Atlas 5 422 (AV082)	CST-100 Starliner	
CDR: Michael Fincke , Chris Ferguson , Nicole Aunapu Mann			
Aug??	Zenit 3 SL /Fregat -SB	Lybid'	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
??	CZ-3B/E	Apstar-6D	
Sep25.	Soyuz-2-1A	Soyuz MS 15 (S61/62)	
CDR : Олэг Ива́нович Скри́почка , (Oleg Ivanovich Skripotscka), Christopher J. Cassidy , Al Mansouri			
??	Atlas 5 551 (AV-086)	AEHF-6	
??	Ariane 5	Inmarsat-5 F5	
??	Falcon 9	JCsat 18	
Oct01.	Antares 230	Cygnus OA-12	
Oct15.	Soyuz ST B/Fregat-MT	Cosmo-SkyMed Secon Gen 1	CSG-1 / CHEOPS
(Characterising ExOPlanet Satellite)			
Oct15.	Falcon 9 FT	Dragon SpX-19	60
Oct??	CZ-3B/YZ-1	Beidou 3 MEO M19, Beidou 3 MEO M20	



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Oct??	Soyuz-2 1B / Fregat -M	Gonets x 3 (No 27,28,29)	
Oct??	Falcon 9	GPS IIIA-3	
Oct??	Ariane 5 ECA	GSAT-20	
??	CZ-4B	CBERS-4° A	
??	Falcon 9	OHB SARah 2/3	
Nov??	Soyuz-2 1B / Fregat -M	Resurs №4	
??	Ariane 5	JCSat 17	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
??	Kuaizhou-1A	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)	
??	CZ-6A	Satellogic (1-13)	
??	Vega	Seosat (Ingenio)	
??	Minotaur 1	NROL 111	
??	Falcon 9	SiriusXM SX7	
Dec20.	Soyuz-2	Progress MS 13	
Dec??	Falcon 9	Dragon v2 (USCV-1)	
Cdr: Victor Glover , Mike Hopkins			
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Dec??	Soyuz-2 1B / Fregat -M	CAS500-1	40
Dec??	Soyuz-2 -1B/ Fregat	Glonass K2 / 13	
Dec??	Falcon 9	GPS IIIA-4	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)	
??	Ariane 5 ECA	Star One D2	
??	Vega	OpSis	
??	Soyuz-2 -	Razdan 1	
??	Angara 1.2	Kosmos	
??	Angara A5/ Briz-M	Kosmos (Repei)	
??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2 -1B	Pion	
??	Soyuz-2 1B / Fregat -M	Tundra 3	
??	Soyuz-2 1B / Fregat -M	Tundra 4	
??	Rokot / Briz KMGeo IK 2	13L	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			



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??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-7	New generation manned spacecraft	20
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ-6A	HY-2D Haiyang-3A	
??	CZ	CBERS-SAR 1	
??	CZ-??	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	KZ-1A	Jilin 1-09	
Launch site: Jiuquan , China			
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
??	CZ-2D	GF-7 Gaofen-7	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-11	Lingque 1,2	
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	CZ-3C	Tianlian-2 TL-2	
??	CZ-3B/YZ-1	ZX-6C Zhongxing-6C	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	

1 + 18
7 + 136

2020.

Jan?? [Falcon 9](#) [Dragon](#) SpX-20
Jan?? [Soyuz ST B/Fregat](#)-MT OneWeb smalsat (x32)

?? - inaugural flight - Vega-C - Kourou ZLV

Feb05. [Atlas 5](#) [Solar Orbiter \(Solo\)](#) (ESA)

Feb?? H-2B (F10) HTV9
Feb?? [CZ-3B/YZ-1](#) [Beidou 3](#) 2GQ



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Feb??	Soyuz-2	Progress MS 14
??	Vega	SSMS – 2 (Small Spacecraft Mission Service)
??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)
??	Vega	Falcon Eye 2
??	Proton-M	MLM
??	CZ-5 B	Test flight
Mar??	Delta IV-M	DMSP-5D3 F20
Mar??	Soyuz-2-1B/Fregat-M	Glonass K1 / 22
Mar?? satellite))	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))
??	CZ-5	Tian He Space Station Core Module
??	Ariane 5	Galaxy 30 / MEV-2
Apr15.	Soyuz 2-1A	Soyuz MS 16 (S62/63)
CDR: Николай Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin),		
Apr??	CZ-3B/YZ-1	Beidou 3 MEO M23, Beidou 3 MEO M24
Apr??	Angara-1.2/AM Gonets	x 3 (No 30,31,32)
Apr??	Soyuz-2 1B /Fregat-M	CAS500-1
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-12 Shenzhou-12
??	Vega CCERES	(x3)
May??	Soyuz-2 1B	Progress M-UM
May??	Ariane 62	CSO-2
June??	Atlas 5 402	CST 100 Starliner (USCV-2)
Cdr: John Cassada , Sunita Williams , Noguchi		
June??	SLS-1	Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
June??	Ariane 5	MTG-S1/Sentinel-4A
June??	CZ-3C	Beidou 3 G3Q
June??	Vega_C	Space Rider flight 1
June??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)
June??	Soyuz-2	Progress MS 15
July16	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
July17.	Atlas 5 (541)	Mars 2020 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.
July??	CZ-5	Mars probe (orbiter + lander + rover)
July??	Soyuz-2-1B/Fregat-M	Glonass K2 / 14
??	Vega-C Pleiades Neo 1, Pleiades Neo 2	
??	Ariane 5	ViaSat 3 EMEA



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Aug??	Falcon 9 FT	Dragon SpX-21
Sep??	CZ	CBERS-6
Sep??	Soyuz-2-1B/Fregat-M	Glonass K2 / 15
Sep??	Falcon 9	GPS IIIA-5
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1
Sep??	Soyuz-2	Progress MS 16
??	CZ-2F/G	SZ-13 Shenzhou-13
Oct21.	Soyuz 2-1A	Soyuz MS 17 (S63/64)
	CDR: Иванишин (Ivanishin), Вагнер (Vagner), Bowen	
Oct??	Vega	Proba 3
??	Proton-M/Briz-M	Elektro L – 3
	Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan	
Nov??	Soyuz-2	Progress MS 15
Dec15.	Atlas 5	Landsat 9
Dec??	GSLV-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??	Falcon 9	USCV-3 (US Commercial Vehicles)
	CDR: ??(NASA), ??(NASA), ??(RF)	
Dec??	Soyuz-2	Progress MS 17
??	??	PACE
??	??	EX-4
??	??	ACE
??	??	HyspIRI
??	Antares	IMAP/STP-05
??	Falcon 9 FT	Dragon SpX-22
??	Falcon H	ViaSat 3
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)
??	Soyuz-2-1B/ Fregat-M	Glonass K1 15
??	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
??	Angara 1.2	Kompsat-6
??	Soyuz-2-1A/Fregat-M	Gonets x 6
??	Proton-M/Briz-M	AOneSat-1
??	Proton-M/Briz-M	Terrestar-2
??	Proton-M/Briz-M	SkyTerra 2
??	Proton-M/Briz-M	Ekspress AMU 3 / Ekspress AMU 7
??	Proton-M/Briz-M	Yenisey A1



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??	Proton-M/Briz-M	Ямал-501
??	Proton-M/Briz-M	EutelSat
??	Proton-M/Briz-M	Ямал-GK-1
??	Proton-M	PTK NP
??	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
??	Soyuz-2-1B	Obzor R -1
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ №1
??	Soyuz-2-1B/Fregat M	Meridian 19L
??	Ariane 5	Arsat 3
??	Ariane 5	ViaSat-3 Asia
??	Ariane 5 ECA	EDRS-D
??	??	Seosat-Ingenio-2
??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2
??	CZ	Two Meter Space Telescope
??	CZ	FY-4C Fengyun-4C
??	CZ	HY-3B Haiyang-3B
??	CZ-3B/ Palapa 1N	
??	??	Hainan-1 (4)
??	??	Hainan-1 (5)
??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	CZ	FY-3F Fengyun-3F (Batch 2)
??	CZ	FY-3 Fengyun-3 RM-2
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	PSLV	EnMap
??	PSLV XL	Aditya'
??	H-IIA	Hope (UAE mission to Mars)
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	Inmarsat-6 F1
??	Safir 1 B	Tadbir
??	Safir 3A	Pars sepher

2021.



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Jan?? [Atlas 5](#) 402 USCVC-4 (US Commercial Vehicles)

Feb?? [Soyuz-2](#) [Progress MS](#) 18
Feb?? [Falcon 9](#) GPS IIIA-6

Mar30. [Soyuz-2-1A](#) [Soyuz MS 18](#)
Cdr: xx, Akihiko Hoshide, xx

Mar31. [Ariane 5](#) ES **JWST (James Webb Space Telescope)**

?? [CZ-5](#) B Wentian Lab module Space station module

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.

?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)
?? [Soyuz-2](#) [Progress MS](#) 19
?? CZ-2F/G SZ-14 Shenzhou-14
?? 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

Aug?? [Atlas 5](#) 402 / [Falcon 9](#) USCVC-5 (US Commercial Vehicles)

Sep30. [Soyuz-2-1A](#) [Soyuz MS 18](#)

Sep?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG A1/EPS-SG-a/Sentinel-5A
Sep?? [Falcon 9](#) SWOT

Oct16. [Atlas 5](#) 401 **Lucy**

Oct?? [Atlas 5](#) 401/[Falcon 9](#) v1.1 JPSS Free Flyer 2 (TSIS-2)
Oct?? Ariane 62 CSO-3

Dec?? [Vega](#) C KOMPSAT 7
Dec?? GSLV-Mk III. Gaganyaan-3

?? [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](#) HEM-1

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



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??	Soyuz-2-1B/Fregat-M	Meteor M No2-4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Ekspress-RV1, Ekspress-RV2
??	Proton-M/Briz-M	Ekspress AMU 4
??	Soyuz-2-1B/Fregat-M	Smotr R №1
??	Proton-M/Briz-M	IntelSat
??	Proton-M/Briz-M	Elektro L - 4
??	Soyuz-2-1B/Fregat-M	Arktika M 2
??	Proton-M/DM-03	Glonass-M/K21,K22,K23
??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 2
??	Soyuz-2 1B /Fregat-M	Resurs №5
??	Angara A5/ Briz-M	Luch 5M
??	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 ST B/Fregat-MT	OneWeb smalsat (x32)
??	Soyuz ST 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	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)

2022.

Jan??	??	Solar Sentinels
Feb??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 21

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.

Mar30. [Soyuz-2-1A](#) [Soyuz MS 19](#)

??	CZ7	TZ 4 Tianzhou 4 (Logistic Cargo Vehicle)
??	CZ-5 B	Mengtian Lab module Space station module
??	CZ-2F/G	SZ-15 Shenzhou-15

May20. [Ariane 5ECA](#) [JUICE \(JUPiter ICy moon Explorer\)](#)

Apr??	CZ-3B/G2	LSTSAT (Nicasat 1)
June04.	SLS Block I	Orion: Exploration Mission 2 (Crew to Cislunar) Mission)



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June??	Ariane 5	MTG-I2
??	Sunkar ??	
??	Soyuz-2	Progress MS 20
Aug??	H2B	Phobos sample return
Aug??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
Sep30.	Soyuz-2-1A	Soyuz MS 20
Dec??	Soyuz ST B / Fregat -MT	MetOp-SG B1
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)
??	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/Briz-M	Ekspress – AMU 5
??	Proton-M/Briz-M	Ekspress – AMU 6
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Eutelsat
??	Proton-M/Briz-M	Intelsat
??	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
??	Angara A5 / Briz-M	Luch 5M
??	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
??	CZ	HY-3C Haiyang-3C
2023.		
??	Soyuz-2	Progress MS 22
Feb??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
Mar30.	Soyuz-2-1A	Soyuz MS 21
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-16 Shenzhou-16
??	Soyuz-2	Progress MS 23



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- ?? [Ariane 5](#) MTG-S2/Sentinel-4A
- Aug?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-9 (US Commercial Vehicles)
- Sep30.** [Soyuz-2-1A](#) [Soyuz MS 22](#)
- ?? [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](#) Ekspress – 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
- ?? [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](#) Mission to Venus
- ?? [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)

2024

- Feb?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-10 (US Commercial Vehicles)
- Mar30.** [Soyuz-2-1A](#) [Soyuz MS 23](#)
- ?? CZ7 TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
- Aug?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-11 (US Commercial Vehicles)
- Sep30.** [Soyuz-2-1A](#) [Soyuz MS 24](#)
- Oct?? EELV GOES-U



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??	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		
??	SLS Block IA II	Orion: Exploration Mission 5 (Crew to Cislunar)
??	Soyuz-2-1A	Soyuz MS 25
??	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??	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)



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?? [Angara A5/DM03](#) Bumerang (FobosGrunt 2)

2069.

?? ?? [Interstellar mission](#)