



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (16.9.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **16.Sep 2019**.

Sep17. 1830UTC **H-2B (F9)** **HTV8**
Launch site: [Tanegashima](#), Japan

??Sep23. **Astra Space** **NSLSat-1**
Launch site: Kodiak, USA

Sep24. **CZ-3A** **Beidou 3 MEO M19, Beidou 3 MEO M20**
Launch site: [Xichang](#), China

Sep25. 1357UTC **Soyuz-2-1A** **Soyuz MS 15 (S61/62)**
CDR : Олэг Ива́нович **Скри́почка**, (Oleg Ivanovich **Skripotscka**), Jessica **Meir**, Hazzaa **Al Mansouri**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Sep30. 1334UTC **Proton-M/Briz-M** **EutelSat 5 West B / MEV**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Sep?? **Soyuz-2-1A/Fregat** 14F01 (Neutron)
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

Sep?? **Electron** ATL-1; FossaSat_1, itd
Launch site: [Kaitorete Spit](#), New Zeland

Sep?? CZ-6A Satellogic (1-13)
Sep?? **CZ-11** Zhuhai-1 Group-3
Sep?? **KZ-1A (Y4)** ??

?? **Soyuz-2-1V** **??Rodnik S**

Oct10. 0805UTC **Pegasus-XL** **ICON (Helio EX-1)**
Launch site: [Cape Canaveral](#), USA

Oct15. **PSLV C47** **CARTOSAT-3, NEMO-AM** , **FUSE**
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

Oct17. **Falcon 9** **Starlink v1 Flight 1**

Oct21. 1839UTC **Antares 230** **Cygnus OA-12**

Oct28. **Atlas 5 N22 (AV80)** **CST-100 Starliner (unmanned test)**
Launch site: [Cape Canaveral](#), USA

Oct?? **KZ-1A (Y9?)** **Xingyun-2 1,2**

?? CZ-4B CBERS-4° A
?? **Electron** Dove / Flock-y **60**



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Nov04.	Falcon 9	Starlink v1 Flight 2
Nov19.	Electron	ElaNa; Andesite
Nov22.	Ariane 5	Inmarsat-5 F5 (GX-5)
Launch site: Kourou , French Guiana		
Nov??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
Nov??	CZ-2D	ETRSS-1 (Ethiopian multi-spectral Remote Sensing Satellite)
Nov??	Falcon 9	Anasis II
Nov??	Soyuz-2-1B/Fregat-M	Glomass K1 15 (59?)
Nov??	PSLV C48 - XL	RISAT-2BR1
??	Kuaizhou-1A (KZ-1A)	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)
??	Minotaur 1	NROL 111
??	Falcon 9	SiriusXM SX7
??	Minotaur IV	NROL 129
??	Falcon 9	JCsat 18
??	GSLV MK II F12	GISAT -1
Dec04.	Falcon 9 FT	Dragon SpX-19
Dec17.	Soyuz ST B/Fregat-MT	Cosmo-SkyMed Secon Gen 1 CSG-1 / CHEOPS
(Characterising ExOPlanet Satellite)		
Dec20.	Soyuz-2	Progress MS 13
Dec20.	CZ-5 Y3	SJ-20 (DFH-5 platform)
Launch site: Wenchang , China		
Dec30.	Atlas 5 422 (AV082) CST-100 Starliner	
CDR: Michael Fincke , Chris Ferguson , Nicole Aunapu Mann		
Dec30.	Falcon 9 (SPx-DM2)	Dragon v2
CDR: Robert Benkhen , Doug Hurley 40		
Dec??	Proton-M/Briz-M	Elektro L – 3
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Dec??	Cosmic Girl / LauncherOne	Test Launch
Launch site: Spaceport America , USA		
Dec??	Soyuz-2-1B/Fregat	Glomass K2 / 13
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22
Dec??	Soyuz-2-1B	Pion
Dec??	SSLV D1	Two defence sats
Dec??	Soyuz-2-/Fregat-MT	OneWeb smalsat (x32)
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)
??	??	EX-3



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??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)	
??	Ariane 5	JCSat 17	
??	Soyuz-2-	Razdan 1	
??	Proton-M/Briz-M	Kosmos	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2 1B / Fregat -M	Tundra 3	
??	Soyuz-2 1B / Fregat -M	Tundra 4	
??	Soyuz-2-1B/Fregat M	Meridian 19L	
??	CZ	FY-3E Fengyun-3E	20
??	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-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	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-3B/E	Apstar-6D	
Launch site: Xichang , China			
??	CZ-3A	Beidou 3 I3Q	
??	PSLV	RISAT_1A	
??	PSLV	IRNSS-1J	
??	PSLV	RISAT-2BR2	
??	GSLV	GISAT -2	
??	PSLV	HRSAT	
??	H-IIA	IGS Optical-7	

10 + 7
59 + 76

2020.



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Jan??	Falcon 9	Dragon SpX-20	
Jan??	Falcon 9	GPS IIIA-3	
Jan??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Vega	SSMS POC (Small Spacecraft Mission Service Proof Of Concept)	
	Launch site: Kourou , French Guiana		140
??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
??	Ariane 5 ECA	GSAT-20	
Feb05.	Atlas 5	Solar Orbiter (Solo) (ESA)	
Feb07.	Antares 230	Cygnus OA-13	
Feb??	CZ-3B/YZ-1	Beidou 3 2GQ	
Feb??	GSLV	GSAT - 32	
Feb??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Soyuz-2 1A	Bars-M 3	
	Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Ariane 5 ECA	GSAT 30	
??	SSLV D2	Demo 2	
??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 59	
??	Vega	Falcon Eye 2	
??	Angara A5/ Briz M	Kosmos	
Mar20.	Soyuz 2-1A	Soyuz MS 16 (S62/63)	
	CDR: Николай Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin), Hoshide		
Mar??	Delta IV -	DMSP-5D3 F20	
Mar??	Soyuz-2 -1B/ Fregat -M	Glonass K1 / 22	
Mar??	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))	
Mar??	Atlas 5 551 (AV-086)	AEHF-6	120
??	Safir 1 B	Nahid-1	
	Launch site: Semnan , Iran		
??	Ariane 5	Galaxy 30 / MEV-2	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 60	
??	- inaugural flight - Vega-C - Kourou ZLV		
??	Vega	OpSis	
??	Proton-M/Briz-M	Inmarsat-6 F2	
Apr16.	Soyuz-2	Progress MS 14	
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	
Apr??	CZ-5 B	Test flight	



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??	Vega	CCERES (x3)	
??	Vega	SSMS – 2 (Small Spacecraft Mission Service)	
May??	Falcon 9	Dragon v2 (USCV-1)	
Cdr: Victor Glover , Mike Hopkins , Soichi Noguchi			
May??	Ariane 62	CSO-2	
May??	H-2B (F10)	HTV9	
May??	Falcon 9	GPS IIIA-4	
June??	Ariane 5	MTG-S1/Sentinel-4A	100
June??	CZ-3C	Beidou 3 G3Q	
June??	Vega_C	Space Rider flight 1	
June??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)	
June??	Delta IV -H	NROL-44	
??	Vega	Seosat (Ingenio)	
July15.	Soyuz-2	Progress MS 15	
July16	Ariane 62	OneWeb	
July17. 1300UTC	Atlas 5 (541)	Mars 2020 rover	
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.	
July??	Soyuz-2 -1B/ Fregat -M	Glonass K2 / 14	
July??	Soyuz-2 -1B / Fregat	Arktika-M	
??	Vega-C	Pleiades Neo 1, Pleiades Neo 2	
??	Ariane 5	ViaSat 3 EMEA	
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	80
Sep??	??	GOES-T (National Security Space Launch program)	
Sep??	Delta IV -H	NROL-82	
Oct21.	Soyuz 2-1A	Soyuz MS 17 (S63/64)	
CDR: Иванишин (Ivanishin) , Вагнер (Vagner) , Christopher J. Cassidy			
Oct??	Vega	Proba 3	
Oct??	Soyuz-2 1B / Fregat -M	Gonets x 3 (No 27,28,29)	
Oct??	Proton-M	MLM	
Oct??	CZ-5B Y1	New generation manned spacecraft	
??	Falcon 9	SARah 1	



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??	Angara A5/ DM 03(Persei)	Kosmos	
Nov??	Atlas 5 402	CST 100 Starliner (USCV-2)	
	Cdr: John Cassada , Sunita Williams ,		
Nov??	Soyuz-2	Progress MS 15	
Nov??	Soyuz-2 1B / Fregat -M	Resurs N°4	
??	SLS-1	Orion (unmanned trip around the Moon)	Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
Dec04.	CZ-5 Y5	Chang'e-5 (Sample return)	
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??	Soyuz-2	Progress MS 17	
??	??	PACE	
??	??	EX-4	
??	??	ACE	60
??	??	HyspIRI	
??	Antares	IMAP/STP-05	
??	Falcon 9 FT	Dragon SpX-22	
??	Falcon H	ViaSat 3	
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)	
??	Atlas 5 551	STP-03	
??	Soyuz-2 1B	Progress M-UM	
??	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	Anik G2V	
??	Proton-M / Briz-M	Space Drone x2	
??	Proton-M / Briz-M	Luch-5VM 1	
??	Proton-M / Briz-M	Luch-5VM 2	40
??	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	



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??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 1	
??	Soyuz-2-1B	Obzor R -1	
??	??	Zond	
??	??	MKA PN6 (Monika)	
??	??	Картограф-ОЭ №1	
??	Angara 1.2	Kosmos	
??	Zenit 3 SL /Fregat-SB	Lybid'	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
??	Ariane 5	Arsat 3	
??	Ariane 5	ViaSat-3 Asia	
??	Ariane 5 ECA	EDRS-D	
??	Ariane 5 ECA	Star One D2	
??	??	Seosat-Ingenio-2	
??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2	
??	CZ	Two Meter Space Telescope	
??	CZ	FY-4C Fengyun-4C	20
??	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	
??	CZ-2D	SJ-19 Shijian-19	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	
??	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	



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2021.

Feb?? [Soyuz-2](#) [Progress MS 18](#)
 Feb?? [Falcon 9](#) GPS IIIA-6
 Feb?? [Falcon H](#) AFSPC-44

Mar30. [Soyuz-2-1A](#) [Soyuz MS 18](#)
 Cdr: **Рыжиков, Кудь-Сверчков**

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

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5

Apr?? Ariane 62 Galileo-FOC FM23, Galileo-FOC FM24
 Apr?? [Falcon 9](#) IXPE (Imaging X-ray Polarimetry Explorer)

May?? [Falcon 9](#) [Dragon v2](#) USCV-3 (US Commercial Vehicles)
 CDR: **Lindgren**, ??(NASA), ??(RF)

?? [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)

?? 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

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
 Sep?? [Falcon 9](#) OHB SARah 2/3

?? [Delta IV-H](#) NROL-91

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

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

Nov?? [Atlas 5](#) 402 USCV-4 (US Commercial Vehicles)

Dec?? [Vega C](#) KOMPSAT 7



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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	HЭM-1
??	Proton-M/Briz-M	Ekspress AMU 3 / Ekspress AMU 7
??	Proton-M/Briz-M	Yenisey A1
??	Proton-M/Briz-M	Ямал-501
??	Proton-M/Briz-M	EutelSat
??	Proton-M/Briz-M	Ямал-GK-1
??	Proton-M	PTK NP
??	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
??	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-3B/G2	TCSTAR 1
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)

2022.



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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.

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

Mar?? [Atlas 5](#) NROL-107 Silentbaker
 ?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)
 ?? CZ-2F/G SZ-14 Shenzhou-14

Apr?? [CZ-3B/G2](#) LSTSAT (Nicasat 1)

?? 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 (JU)piter (ICy) moon Explorer)**

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

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

June?? Ariane 5 MTG-I2

?? Sunkar ??
 ?? [Soyuz-2](#) [Progress MS 20](#)

Aug?? H2B Phobos sample return
 Aug?? [Atlas 5](#) 411 SBIRS-GEO 6

Sep30. [Soyuz-2-1A](#) [Soyuz MS 20](#)

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

Dec?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG B1
 Dec?? [Vega](#) C FLEX (Fluorescence Explorer satellite)
 Dec?? [Delta IV](#)-H NROL-68

?? 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



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?? [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

?? [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

Mar30. [Soyuz-2-1A](#) [Soyuz MS](#) 21

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

?? CZ7 TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)
 ?? CZ-2F/G SZ-16 Shenzhou-16

?? [Soyuz-2](#) [Progress MS](#) 23
 ?? [Ariane 5](#) MTG-S2/Sentinel-4A

Sep30. [Soyuz-2-1A](#) [Soyuz MS](#) 22

Nov?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-8 (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](#) 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
 ?? [Soyuz-2-1B/Fregat-M](#) Resurs PM - 2



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??	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)
2024			
Jan??	Delta IV	-H	NROL-70
Mar30.	Soyuz-2-1A		Soyuz MS 23
May??	Atlas 5	402 / Falcon 9	USCV-9 (US Commercial Vehicles)
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)	
Sep30.	Soyuz-2-1A		Soyuz MS 24
Sep??	GSLV	MK III	Mangalyaan – 2 Mars Orbiter
Oct??	EELV	GOES-U	
Nov??	Atlas 5	402 / Falcon 9	USCV-10 (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



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??	??	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

May??	Atlas 5 402 / Falcon 9	USCV-11 (US Commercial Vehicles)
Nov??	Atlas 5 402 / Falcon 9	USCV-12 (US Commercial Vehicles)
??	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.

May??	Atlas 5 402 / Falcon 9	USCV-13 (US Commercial Vehicles)
Nov??	Atlas 5 402 / Falcon 9	USCV-14 (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)

2069.

??	??	Interstellar mission
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