



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (17.8.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **17.Aug.2020**.

Aug18. 1431UTC [Falcon 9](#) [Starlink f11](#)
Launch site: [Cape Canaveral](#), USA

Aug23. [CZ-2D](#) [Gaofen 9 \(05\)](#)
Launch site: [Jiuquan](#), China

Aug26. 0550UTC [Delta IV-H](#) [NROL-44](#)
Launch site: [Cape Canaveral](#), USA

Aug30. 0200UTC [Rocket v3.1](#) [DARPA Launch Challenge 2](#)
Launch site: [Pacific spaceport complex Alaska](#), USA

Aug?? [Falcon 9](#) SAOCOM-1B, SAOCOM-1C
Launch site: [Cape Canaveral](#), USA

Aug?? 0105UTC [Electron](#) Capella Whitney
Launch site: [Kaitorete Spit](#), New Zeland

Aug?? JL-1 (Y2) Yizheng-1, Yizheng-2 two 0,9 m resolution satelites
Aug?? GX-1 Gushenxing-1 ??
Aug?? [KZ-1A](#) Jilin-1, Gaofen-02C
Aug?? CZ-6 HY-3A Haiyang-3A

?? [Safir 1 B](#) Nahid-1
Launch site: [Semnan](#), Iran

Sep01. 0151UTC [Vega \(VV16\)](#) [SSMS POC \(Small Spacecraft Mission Service Proof Of Concept\)](#)
Launch site: [Kourou](#), French Guiana

Sep15. [CZ-11](#) [CAS-4A, CAS-4B](#) 100
Launch site: [Taiyuan](#), China

Sep24. [Soyuz-2 1B /Fregat-M](#) [Gonets x 3 \(No 27,28,29\)](#)
Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia

Sep30. [Antares 230](#) [Cygnus OA-14](#)
Launch site: [Wallops Island](#), USA

Sep30. [Falcon 9](#) [GPS IIIA-4](#)
Launch site: [Cape Canaveral](#), USA

Sep?? [PSLV \(C49\)](#) RISAT-2BR2 + 4 Kleos + 4 Spiresats
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

Sep?? CZ CBERS-6
Sep?? ?? GOES-T (National Security Space Launch program)
Sep?? [Atlas 5 531](#) NROL-101
Sep?? [Soyuz-2 B /Fregat-M](#) CAS500-1; +



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Sep?? CZ-6 5m resolution multispectral satellite
 Sep?? [PSLV](#) HRSAT
 Sep?? CZ-6A Satellogic (1-13)
 Sep?? [Electron](#) STP 27R

?? [Falcon 9](#) SiriusXM SX8
 Launch site: [Cape Canaveral](#), USA

?? SSLV D1 Microsat 2A
 Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

?? [GSLV](#) F10 GISAT 1
 Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

?? [PSLV](#) Cartosat-3B
 ?? [PSLV](#) IRNSS-1J
 ?? [Falcon 9](#) [Starlink](#) f12
 ?? [Falcon 9](#) [Starlink](#) f13
 ?? [Falcon 9](#) SiriusXM SX7 80
 ?? [GSLV](#) MK II F12 GISAT -2
 ?? [PSLV](#) (C50) Oceansat-3A
 ?? [PSLV](#) C51 RISAT_1A
 ?? ? Xidian -1
 ?? CZ-2F/G ?Experimental Spaceplane
 ?? SSLV D2 Demo 2
 ?? [Soyuz-2](#) 1A [Bars-M](#) 3

Oct02. [CZ-3B/G3](#) **Tiantong-1 (02)**

Oct14. **Soyuz 2-1A** [Soyuz MS 17 \(S63/64\)](#)
 CDR: Сергей Николаевич **Рыжиков** (Sergey **Ryzhikov**), Сергей Владимирович **Кудь-Сверчков** (Sergey **Kud-Sverchkov**), Kathleen **Rubins**
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Oct17. [Soyuz-2 ST A \(VS24\)](#) **Falcon Eye 2**
 Launch site: [Kourou](#), French Guiana

Oct17. [Soyuz-2-1B/Fregat-M](#) **Glonass K1 / 15L**
 Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia

Oct23. 0947UTC [Falcon 9](#) [Dragon v2 \(USCV-1\)](#)
 Cdr: Victor **Glover**, Mike **Hopkins**, Soichi **Noguchi**, Shannon **Walker**

Oct30. [Falcon 9 FT](#) [Dragon SpX-21](#)
 Launch site: [Cape Canaveral](#), USA

Oct?? [Vega](#) VV-17 Seosat (Ingenio), TARANIS
 Launch site: [Kourou](#), French Guiana

Oct?? Firefly Alpha first flight
 Launch site: [Vandenberg](#), USA

Oct?? JL-1 Hainan-1 (4)
 Oct?? CZ-6 2m resolution multispectral satellite
 Oct?? [CZ-3B/G3](#) **Gaofen-13**

?? Cosmic Girl / LauncherOne Launch 3 ELaNaXX



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

?? [Ariane 5](#) ECA Eutelsat Quantum / Star One D2 60
 ?? CZ-8 Taihu -1

Nov03. [Angara A5/ DM 03\(Persei\)](#) Kosmos

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

Nov06. [Soyuz-2 ST \(VS25\)](#) CSO-2

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

Nov10. [Falcon 9](#) Jason – Sentinel 6A

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

Nov18. [Atlas 5 422 \(AV082\)](#) CST-100 Starliner unmaned test

Nov24. [Ariane 5](#) VA254 MTG-S1/Sentinel-4A

?? [Delta IV-H](#) NROL-82
 ?? [Atlas 5](#) 551 AFSPC-8 (GSSAP 5, GSSAP 6)
 ?? Minotaur 1 NROL 111
 ?? [CZ-3B/G3](#) Tiantong-1 (03)
 ?? [Soyuz-2](#) 1B /[Fregat](#)-M Glonass K1 / 16

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

Launch site: [Wenchang](#), China

Dec09. [Soyuz-2-1B / Fregat](#) Arktika-M No1

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

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

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

Dec15. [Soyuz-2 ST](#) Galileo-FOC FM23, Galileo-FOC FM24

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

Dec16. [Falcon 9](#) Sherpa-FX

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

??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?? Vega-C VV-18 ??

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

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M [Gonets](#) x 3 (No 30,31,32)

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

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 4 40

?? [KZ-1A](#) GeeSat-1A; GeeSat-1B

?? ?? PACE
 ?? ?? EX-4
 ?? ?? ACE



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??	??	HyspIRI	
??	Antares	IMAP/STP-05	
??	Falcon H	ViaSat 3	
??	Atlas 5 551	STP-03	
??	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))	
??	Rocket v3.1	DARPA Launch Challenge 3	
Launch site: Pacific spaceport complex Alaska , USA			
??	Soyuz-2-1A/Fregat	14F01 (Neutron)	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
??	Soyuz-2-1V	??	
??	Soyuz-2-1B	Pion	
??	Soyuz-2-	Razdan 1	
??	CZ	FY-4C Fengyun-4C	
??	CZ-4B	HY-3B Haiyang-3B	
??	??	Hainan-1 (5)	
??	??	Hainan-1 (6)	
??	??	Sanya-1 (1)	
??	??	Sanya-1 (2)	20
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-2D	SJ-19 Shijian-19	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-2D	CAS 6	
??	CZ	CBERS-SAR 1	
??	CZ-4C	FY-3E Fengyun-3E	
??	CZ-2C	Yaogan Weixing-30 Group-07 'Chuangxin-5 (19/21)	
??	??	EX-3	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	GSLV	GSAT - 32	
??	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	
??	H-IIA	JDRS-1	
??	Safir 1 B	Tadbir	



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?? Safir 3A Pars sepher

56 + 112

2021.

?? [Ariane 5](#) ECA GSAT-20
 ?? [Falcon 9](#) GPS IIIA-5

Feb25. [Falcon 9](#) FT [Dragon SpX-22](#)

Feb?? [Falcon 9](#) GPS IIIA-6
 Feb?? [Falcon H](#) AFSPC-44
 Feb?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x34)
 Feb?? [Antares](#) 230 [Cygnus](#) OA-15
 Feb?? [Falcon 9](#) SARah 1
 Feb?? [PSLV](#) Amazonia

?? [Electron](#)/Photon CAPSTONE (Cislunar Autonomous Positioning System Technology Operations and Navigation Experiment)
 Launch site: [Wallops Island](#), USA

?? - inaugural flight - Vega-C VV-19 Lares 2
 Launch site: [Kourou](#), French Guiana

?? [Ariane 5](#) Arsat 3
 ?? [Ariane 5](#) ViaSat-3 Asia
 ?? [Ariane 5](#) ECA EDRS-D
 ?? [CZ-3B/G3](#) FY-4B Fengyun-4B

Mar20. [Soyuz-2](#) [Progress MS 17](#)

Mar30. [Falcon 9](#) [Dragon v2 \(USCV-2\)](#)
 Cdr: Shane **Kimbrough**, Megan **McArthur**, Akihiko **Hoshide**, Thomas **Pesquet**

Mar?? [Atlas 5](#) 411 SBIRS-GEO 5 120
 Mar?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x32)
 Mar?? [GSLV](#) MK II Chandrayan-3

?? [Atlas 5](#) 402 CST 100 Starliner
 Cdr: John **Cassada**, Sunita **Williams**

?? Vega-C VV-20 Pleiades Neo 1, Pleiades Neo 2
 Launch site: [Kourou](#), French Guiana

Apr08. [Atlas 5](#) **Landsat 9**

Apr10. [Soyuz-2-1A](#) [Soyuz MS 18](#)
 CDR: Олѐг Вікторович **Новіцкый** (Oleg **Novitsky**), Пѐтр Валерьевич **Дубров** (Pyotr **Dubrov**), Mark **Vande Hei**

Apr?? [Atlas 5](#) 422 (AV083) CST-100 Starliner
 CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**
 Launch site: [Cape Canaveral](#), USA



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Apr??	Falcon 9	IXPE (Imaging X-ray Polarimetry Explorer)	
??	Soyuz-2 1B / Fregat -M	Resurs №4	
May??	Proton-M	MLM	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
May??	Soyuz-2	Progress MS 18	
??	CZ-5B Y2	Tian He Space Station Core Module	
??	Ariane 5	ViaSat 3 EMEA	
??	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24	
June22.	Falcon 9	DART (Double Asteroid Redirection Test)	
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??	Angara 1.2	Kompsat-6	
June??	Falcon 9 FT	Dragon SpX-23	
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)	100
??	CZ-2F/G	SZ-12 Shenzhou-12	
??	Soyuz-2	Progress MS 19	
??	Ariane 62	Galileo-FOC FM25, Galileo-FOC FM26	
??	Soyuz-2 1B / Fregat -M	Tundra (Kupol) 5	
??	Soyuz-2 1B / Fregat -M	Tundra (Kupol) 6	
??	Soyuz-2-1B / Fregat -M	Glonass M / 61	
??	Soyuz-2 1A	Bars-M 4	
??	Soyuz-2-1V	??	
??	Soyuz-2-1V	??	
??	Angara 1.2	Kosmos	
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2	
July??	Vega C	Biomass	
July??	GSLV-Mk III.	Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare	
??	CZ-2F/G	SZ-13 Shenzhou-13	
Aug12.	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)	
CDR: Lindgren, ??(NASA), ??(RF)			
Sep??	Soyuz-2-1A	Soyuz MS 19	
CDR: Антон Николаевич Шкаплеров (Anton Nikolaevich Shkaplerov), Андрей Николаевич Бабкин (Andrei Babkin), xx			
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	80



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??	Delta IV-H	NROL-91	
Oct01.	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
Oct16.	Atlas 5 401	Lucy	
Oct31.	Ariane 5 ES	JWST (James Webb Space Telescope)	
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 1B	Progress M-UM	
??	Falcon 9	PACE	
Nov??	SLS-1	Artemis-1	Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)
Dec??	Soyuz-2-1A	Soyuz MS 20	
CDR: Александр Александрович Мисуркин (Alexander Alexanderovich Misurkin), xx,yy			
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	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	Seosat-Ingenio-2	60
??	Vega	OpSis	
??	Vega_C	CERES (x3)	
??	Vega	SSMS – 2 (Small Spacecraft Mission Service)	
??	Vega	Proba 3	
??	Vega C	Cosmo-SkyMed Secon Gen 2	CSG-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	



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??	Soyuz-2-1B/Fregat-M	Kondor-FKA n.º 2	40
??	Soyuz-2 1B /Fregat-M	Resurs №5	
??	Angara A5/ Briz-M	Luch 5M	
??	Soyuz-2 1B /Fregat-M	Glonass K1 / 17	
??	Soyuz-2-1B/Fregat-M	Glonass K2 / 13	
??	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	
??	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			
??	Soyuz ST B/Fregat (VS26)	OneWeb smalsat (x34)	
Launch site: Kourou , French Guiana			
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	20
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
??	Soyuz-2B/Fregat	OneWeb smalsat (x36)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	
??	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)	
??	Ariane 62	OneWeb	
Launch site: Kourou , French Guiana			
??	Vega C CNES/UAE Mars mission		
??	Vega-C Pleiades Neo 3, Pleiades Neo 4		
??	CZ-3B/G2	TCSTAR 1	



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??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)
??	CZ-4B	HY-2C Haiyang-2C

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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 Vehicle)
??	CZ-2F/G	SZ-14 Shenzhou-14

Apr?? [Soyuz-2-1A](#) [Soyuz MS 21](#)
 CDR: Николай Чуб (Nikolai Aleksandrovich Chub),

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 (Jupiter ICy moon Explorer)

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

June??	Ariane 5	MTG-12
June??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
??	SLS-1	Artemis-2 Orion (manned trip around the Moon)
??	Sunkar ??	
??	Soyuz-2	Progress MS 20

Aug?? [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

Aug??	H2B	Phobos sample return
Aug??	Atlas 5 411	SBIRS-GEO 6



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Oct??	Soyuz-2-1A	Soyuz MS 22
Cdr:	Олег Кононенко (Oleg Kononenko), Анна Кикина (Anna Kikina),	
Oct??	Vega	C Biomass
??	Soyuz-2-1A	Soyuz MS 23
Cdr:	Прокопьев,	
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)
Dec ??	Soyuz 5	/ DM ??
??	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	НЭМ-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	РТК 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	_CSpace Rider flight 1
??	Vega	_CSpace Rider flight 2
??	Vega	C CryoSat FO
??	CZ	Xuntian (Two Meter Space Telescope)
??	CZ	HY-3C Haiyang-3C

2023.



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??	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	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
??	Vega C Space Rider 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)
??	CZ-3B/G2	Palapa N1R
??	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

Feb??	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-1	Artemis-3 Orion (EM-3 Crew to Gateway with landing on Moon)
??	Sunkar	Federatsia (Light 14t – 2 man to ISS)
??	Soyuz-2	Progress MS 25
??	Soyuz-2	Progress MS 26
??	Soyuz-2	Progress MS 27
??	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)
??	SLS-1B Artemis-4	Orion (EM-4 Crew to Gateway with landing on Moon)
Aug??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
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
??	SLS-1B Artemis-5	Orion (EM-5 Crew to Gateway with landing on Moon)
??	SLS-1B Artemis-6	Orion (EM-6 Crew to Gateway with landing on Moon)
??	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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