



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (20.7.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **20.July.2020**.

July20. 2100UTC [Falcon 9](#) **Anasis II**

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

July23. 0400UTC [CZ-5 Y4](#) TW-1 Tianwen-1 [Mars probe](#) (orbiter + lander + rover)

Launch site: [Wenchang](#), China

July23. 1426UTC [Soyuz-2](#) [Progress MS 15](#)

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

July28. 2129UTC [Ariane 5](#) VA253 **Galaxy 30 / MEV-2**

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

July29. 2127UTC [Proton-M/Briz-M](#) **Ekspress 80, Ekspress 103**

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

July30. 1150UTC [Atlas 5](#) (541) **Perseverance [Mars 2020 rover](#)**

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

July?? [Safir 1 B](#) Nahid-1

Launch site: [Semnan](#), Iran

July?? [Falcon 9](#) [Starlink](#) f10

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

July?? [Falcon 9](#) SAOCOM-1B, SAOCOM-1C

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

July?? Rocket v3.1 DARPA Launch Challenge 2

Launch site: [Pacific spaceport complex Alaska](#), USA

July?? [PSLV](#) C51

RISAT_1A

July?? [SSLV](#) D2

Demo 2

July?? [CZ-3B/G3](#)

FY-4B Fengyun-4B

July?? CZ-4B

HY-3B Haiyang-3B

July?? CZ-2C Yaogan Weixing-30 Group-07 'Chuangxin-5 (19/21)

?? ??

Xidian -1

?? [CZ-3B/G3](#)

Tiantong-1 (02)

?? CZ-2F/G

?Experimental Spaceplane

100

Aug06. [Soyuz-2-1B/Fregat-M](#) **Glonass K1 / 15L**

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

Aug18. 0151UTC [Vega](#) (VV16) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)

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

Aug26. [Delta IV-H](#) **NROL-44**

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



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

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

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

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

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

Aug?? [GSLV](#) MK II F12 GISAT -2
Aug?? CZ-8 Taihu -1
Aug?? JL-1 (Y2) Yizheng-1, Yizheng-2 two 0,9 m resolution satellites
Aug?? [PSLV](#) (C50) Oceansat-3A
Aug?? GX-1 ??
Aug?? [KZ-1A](#) [Jilin-1](#), [Gaofen-02C](#)
Aug?? [Falcon 9](#) [Starlink](#) f11

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

Sep01. [Cosmic Girl / LauncherOne](#) **Launch 2** **Dummy payload3**
Launch site: [Spaceport America](#), USA

Sep07. [Antares 230](#) [Cygnum OA-14](#)
Launch site: [Wallops Island](#), USA

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

Sep20. [Soyuz-2 1B /Fregat-M](#) [Gonets](#) x 3 (No 27,28,29)
Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia **80**

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

Sep?? CZ CBERS-6
Sep?? ?? GOES-T (National Security Space Launch program)
Sep?? [Atlas 5](#) 531 NROL-101
Sep?? [PSLV](#) Amazonia
Sep?? [Soyuz-2](#) B /[Fregat](#)-M CAS500-1; +
Sep?? CZ-6 5m resolution multispectral satellite
Sep?? [PSLV](#) HRSAT
Sep?? [Falcon 9](#) GPS IIIA-4
Sep?? CZ-6A Satellogic (1-13)

?? [PSLV](#) Cartosat-3B
?? [PSLV](#) IRNSS-1J
?? [Electron](#) Capella Whitney
?? [Falcon 9](#) [Starlink](#) f12
?? [Falcon 9](#) [Starlink](#) f13



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- ?? [Falcon 9](#) SiriusXM SX7
- 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
- Oct14. [Falcon 9](#) [Dragon v2 \(USCV-1\)](#)**
 Cdr: Victor **Glover**, Mike **Hopkins**, Soichi **Noguchi**, Shannon **Walker**
- Oct17. [Soyuz-2 ST A \(VS24\)](#) [Falcon Eye 2](#)**
 Launch site: [Kourou](#), French Guiana
- Oct30. [Falcon 9 FT](#) [Dragon SpX-21](#)**
 Launch site: [Cape Canaveral](#), USA 60
- Oct?? JL-1 Hainan-1 (4)
 Oct?? CZ-6 2m resolution multispectral satellite
- ?? Cosmic Girl / LauncherOne Launch 3 ELaNaXX
 Launch site: [Spaceport America](#), USA
- ?? [Ariane 5](#) ECA Eutelsat Quantum / Star One D2
- 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
- Nov13. [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



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??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 40

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

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

?? ?? PACE

?? ?? EX-4

?? ?? ACE

?? ?? HypIRI

?? **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 HY-3B Haiyang-3B

?? ?? Hainan-1 (5)

?? ?? Hainan-1 (6)

?? ?? Sanya-1 (1) 20

?? ?? Sanya-1 (2)

?? 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

?? ?? EX-3

?? [GSLV](#) MK II F11 GSAT-10A

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

?? [GSLV](#) GSAT - 32



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??	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
??	Safir 3A	Pars sepher

47 + 117

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

?? [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

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

Mar??	Atlas 5 411	SBIRS-GEO 5	120
Mar??	Soyuz-2 B/Fregat -MT	OneWeb smalsat (x32)	

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

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

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

Apr09. [Soyuz-2-1A](#) [Soyuz MS 18](#)



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Cdr: Николай Владимирович **Тихонов (Nikolai Tikhonov)**, Андрей Николаевич **Бабкин (Andrei Babkin)**, хх

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

Apr?? [Falcon 9](#) IXPE (Imaging X-ray Polarimetry Explorer)

?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs N°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
 June?? [Atlas 5](#) 402 USCV-2 (US Commercial Vehicles)

?? 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
 ?? [GSLV](#) MK II Chandrayan-3

?? [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

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



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Sep??	Falcon 9	OHB SARah 2/3	
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1	80
??	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??	Soyuz-2 -1A	Soyuz MS 19	
CDR: Олэг Вікторовіч Новіцкі (Oleg Novitsky), Пётр Валерьевіч Дубров (Pyotr Dubrov), Mukhtar Aymakhanov			
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??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)	
CDR: Lindgren , ??(NASA), ??(RF)			
Dec??	Soyuz-2 -1A	Soyuz MS 20	
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	



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??	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	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)	



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?? 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

?? 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: Aleksandr **Misurkin**, **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-I2
June?? [Atlas 5](#) 402 USCV-4 (US Commercial Vehicles)

?? SLS-1 Artemis-2 Orion (manned trip around the Moon)

?? Sunkar ??



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??	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	
Oct??	Soyuz-2-1A	Soyuz MS 22	
	Cdr: Kononenko, Kikina		
Oct??	Vega C	Biomass	
??	Soyuz-2-1A	Soyuz MS 23	
	Cdr: Oleg Artemeyev ,		
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		



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??	Vega_CSpace Rider flight 2	
??	Vega C CryoSat FO	
??	CZ	Xuntian (Two Meter Space Telescope)
??	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	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)



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??	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??	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)



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- 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)
- ?? [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 (*Venera D*) 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)

2069.

- ?? ?? [Interstellar mission](#)