



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (4.5.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **04.May.2020**.

May05. 1036UTC CZ-5B Y1 [New generation manned spacecraft](#)
Launch site: [Wenchang](#), China

May07. 1115UTC Falcon 9 [Starlink f8](#)
Launch site: [Cape Canaveral](#), USA

May16. Atlas 5 551 AFSPC-7 (X-37B OTV 6)
Launch site: [Cape Canaveral](#), USA

May20. 1730UTC H-2B (F10) HTV9
Launch site: [Tanegashima](#), Japan

May27. 2032UTC Falcon 9 (SPx-DM2) Dragon v2
CDR: Robert **Benken**, Doug **Hurley**
Launch site: [Cape Canaveral](#), USA

May27. KZ-1A (Y6) Xingyun-2 (01,02)
Launch site: [Jiuquan](#), China

May?? Cosmic Girl / LauncherOne Test Launch
Launch site: [Spaceport America](#), USA **140**

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

May?? [CZ-11](#) CX-6-1
Launch site: [Xichang](#), China

May?? [PSLV](#) C51 RISAT_1A
May?? [CZ-3B/YZ-1](#) [Beidou 3](#) G3Q
May?? [Electron](#) Capella Whitney
May?? CZ-2C Yaogan Weixing-30 Group-07 'Chuangxin-5 (19/21)

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

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

?? [Electron](#) ElaNa; Andesite
Launch site: [Kaitorete Spit](#), New Zeland

?? CZ-2F/G ?Experimental Spaceplane

June09. Falcon 9 Starlink f9
Launch site: [Cape Canaveral](#), USA

June16. CZ-3B/E Apstar-6D



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Launch site: [Xichang](#), China

June27. [Soyuz-2-1B/Fregat-M](#) **Glonass K1 / 15L**

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

June30. [Falcon 9](#) **GPS IIIA-3**

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

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

Launch site: [Semnan](#), Iran

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

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

June?? [Vega](#) (VV16) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)

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

June?? [Delta IV-H](#) NROL-44

June?? [PSLV](#) (C50) Oceansat-3A **120**

June?? [GX-1](#) ??

?? Rocket v3.0 DARPA Launch Challenge 1

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

?? ?? Xidian -1

?? [Angara](#) A5/ Briz M Kosmos

?? [SSLV](#) D2 Demo 2

?? [CZ-3B/G3](#) Tiantong-1 (02)

July14. [H-IIA](#) **Al Almal Hope** (UAE mission to Mars)

Launch site: [Tanegashima](#), Japan

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

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

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

Launch site: [Wenchang](#), China

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

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

July30. [Proton-M/Briz-M](#) **Ekspress 80, Ekspress 103**

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

July?? [Ariane 5](#) VA253 Galaxy 30 / MEV-2

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

July?? [CZ-6A](#) Satellogic (1-13)

?? [Falcon 9](#) SiriusXM SX7

?? [PSLV](#) Cartosat-3B

?? [PSLV](#) IRNSS-1J

?? [Ariane 5](#) MTG-S1/Sentinel-4A

?? [Falcon 9](#) Anasis II

Aug?? Firefly Alpha first flight



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Launch site: [Vandenberg](#), USA

Aug?? [Vega](#) Seosat (Ingenio), TARANIS

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

Aug??	Falcon 9	GPS IIIA-4	
Aug??	PSLV	HRSAT	100
Aug??	GSLV MK II	F12	GISAT -2
Aug??	??CZ-8	Taihu -1	

?? 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

?? [Ariane 5](#) ViaSat 3 EMEA

Sep07. [Antares 230](#) [Cygnum OA-14](#)

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

Sep15. [Soyuz-2 ST A \(VS24\)](#) [Falcon Eye 2](#)

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

Sep??	CZ	CBERS-6
Sep??	Falcon 9	GPS IIIA-5
Sep??	??	GOES-T (National Security Space Launch program)
Sep??	Atlas 5 531	NROL-101
Sep??	Soyuz-2 1B / Fregat -M	Gonets x 3 (No 27,28,29)
Sep??	PSLV	Amazonia
Sep??	Soyuz-2 B / Fregat -M	CAS500-1; +
Sep??	- inaugural flight - Vega-C	Lares 2

?? Minotaur IV NROL 129

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

?? [Ariane 5](#) ECA GSAT-20

Oct14. [Soyuz 2-1A](#) [Soyuz MS 17 \(S63/64\)](#)

CDR: ??, ??, Stephen Bowen

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

Oct14. [Falcon 9](#) [Dragon v2 \(USCV-1\)](#)

Cdr: Victor Glover, Mike Hopkins, Soichi Noguchi, Shannon Walker

Oct15. [Soyuz-2 ST \(VS25\)](#) [CSO-2](#)

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

Oct30. [Falcon 9 FT](#) [Dragon SpX-21](#)

Launch site: [Cape Canaveral](#), USA 80

Oct?? [Atlas 5](#) 422 (AV082) CST-100 Starliner unmaned test

Oct?? JL-1 Hainan-1 (4)

??	Falcon 9	SARah 1
??	Falcon 9	SiriusXM SX8
??	Ariane 5 ECA	Eutelsat Quantum / Star One D2
??	CZ-2C	HY-1D Haiyang-1D



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

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

??	Delta IV -H	NROL-82
??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)
??	Minotaur 1	NROL 111
??	Vega-C	Pleiades Neo 1, Pleiades Neo 2
??	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

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

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

?? [Angara](#) A5/ DM 03(Persei) Kosmos 60

?? [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 v3.0 DARPA Launch Challenge 2

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

?? [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-2-1B](#)/[Fregat](#)-M Glonass M / 61



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??	Soyuz-2 1A	Bars-M 4	
??	Soyuz-2 -1B	Pion	
??	Soyuz-2 -	Razdan 1	
??	Soyuz-2 -1V	??	
??	Soyuz-2 -1V	??	40
??	Soyuz-2 -1V	??	
??	Angara 1.2	Kosmos	

?? [Soyuz-2](#) B/[Fregat](#) OneWeb smalsat (x36)
 Launch site: [Восточный \(Vostochniy\)](#) Cosmodrome, Russia

??	Soyuz-2 B/ Fregat	OneWeb smalsat (x34)
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)
??	Soyuz-2 B/ Fregat -MT	OneWeb smalsat (x36)
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x36)
??	Soyuz-2 B/ Fregat -MT	OneWeb smalsat (x34)
??	Soyuz-2 B/ Fregat	OneWeb smalsat (x34)

??	Ariane 5	Arsat 3
??	Ariane 5	ViaSat-3 Asia
??	Ariane 5 ECA	EDRS-D

??	CZ	FY-4C Fengyun-4C
??	CZ	HY-3B Haiyang-3B

??	??	Hainan-1 (5)
??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	??	Gaofen-5 (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	FY-4B Fengyun-4B
??	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

?? [PSLV](#) ScatSat, NovaSAR

?? [PSLV](#) EnMap



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??	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

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2021.

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

Jan?? [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)

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

Mar12. [Antares 230](#) [Cygnus OA-15](#)

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

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

Mar?? [Soyuz-2](#) [Progress MS](#) 17

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

?? [Atlas 5](#) 402 CST 100 Starliner

Cdr: John **Cassada**, Sunita **Williams**, 100

?? [Proton-M](#) MLM

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

Apr?? [Soyuz-2](#)-1A [Soyuz MS](#) 18

Cdr: Сергей Николаевич **Рыжиков**, Сергей Владимирович **Кудь-Сверчков**, Kathleen **Rubins**

Apr?? Ariane 62 Galileo-FOC FM23, Galileo-FOC FM24

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

?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs N°4

May?? [Soyuz-2](#) [Progress MS](#) 18

?? [CZ-5B](#) Y2 Tian He Space Station Core Module

?? CZ-2F/G SZ-13 Shenzhou-13

June22. [Falcon 9](#) **DART (Double Asteroid Redirection Test)**



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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)
?? 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

July?? Vulcan/Minotaur 6/[Falcon 9](#) v1.1 JPSS-2
July?? [Vega](#) C Biomass 80
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

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

?? [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**

Oct?? [Soyuz-2](#)-1A [Soyuz MS](#) 19
CDR: Олѐг Викторович **Новицкий**, Пѐтр Валерьевич **Дубров**

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

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 60
Dec?? [Falcon 9](#) NROL-85 Intruder 13A713B
Dec?? [Falcon 9](#) NROL-87



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??	SLS-1	Artemis-1	Orion (unmanned trip around the Moon)	Exploration Mission 1
			(Distant Retrograde Orbit (DRO) Tactical DRM)	
??	Ariane 5		MTG-I1	
??	Atlas 5	552	Dream Chaser Cargo System	SNC-2
??	Atlas 5	551	Asteroid Retrieval Spacecraft (ARS)	
??	??		Seosat-Ingenio-2	
??	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	40
??	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 / 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	20
??	??		Zond	
??	??		MKA PN6 (Monika)	



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??	??	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		
??	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
??	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 Владимирович Тихонов (Nikolai Tikhonov), Андрей Николаевич Бабкин (Andrei Babkin),		
Apr??	CZ-3B/G2	LTSAT (Nicasat 1)



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??	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 ??	
??	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
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)
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



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??	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.		
??	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



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??	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)
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



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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

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)
??	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.



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June?? [Atlas 5 402](#) / [Falcon 9](#) USCV-14 (US Commercial Vehicles)

2069.

?? ?? [Interstellar mission](#)