



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (13.4.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change on **13.Apr.2020**.

Apr16. 2121UTC [Falcon 9](#) Starlink v1 Flight 7

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

Apr24. [CZ-5B Y1](#) New generation manned spacecraft

Launch site: [Wenchang](#), China

Apr25. 0151UTC [Soyuz-2](#) [Progress MS 14](#)

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

Apr?? [Minotaur IV](#) NROL 129

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

Apr?? [Soyuz-2 B/Fregat](#) OneWeb smalsat (x36)

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

Apr?? [GSLV](#) F10 GISAT 1

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

Apr?? [PSLV](#) (C49) RISAT-2BR2 + 4 Kleos + 4 Spiresats

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

Apr?? [CZ-11](#) CX-6-1

Launch site: [Xichang](#), China

Apr?? [KZ-1A](#) (Y6) Xingyun-2 (01,02)

Launch site: [Jiuquan](#), China

?? [Electron](#) ElaNa; Andesite

Launch site: [Kaitorete Spit](#), New Zeland **140**

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

May20. [Falcon 9](#) (SPx-DM2) [Dragon v2](#)

CDR: Robert **Benkhen**, Doug **Hurley**

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

May20. 1730UTC [H-2B](#) (F10) [HTV9](#)

Launch site: [Tanegashima](#), Japan

May20. [Atlas 5](#) 551 [AFSPC-7](#) (X-37B OTV 6)

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

May?? [Cosmic Girl / LauncherOne](#) Test Launch

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

May?? [SSLV](#) D1 Microsat 2A

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



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May??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
Launch site:	Cape Canaveral , USA		
May??	PSLV C51	RISAT_1A	
May??	CZ-3B/YZ-1	Beidou 3 G3Q	
May??	Electron	Capella Whitney	
??	CZ-2F/G	?Experimental Spaceplane	
??	Falcon 9	Anasis II	
June3.	Ariane 5 VA253	Galaxy 30 / MEV-2	
Launch site:	Kourou , French Guiana		
June16.	CZ-3B/E	Apstar-6D	
Launch site:	Xichang , China		
June20.	Vega	Seosat (Ingenio), TARANIS	
Launch site:	Kourou , French Guiana		
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??	Delta IV-H	NROL-44	
June??	PSLV (C50)	Oceansat-3A	120
??June??	Soyuz-2B/Fregat-MT	OneWeb smalsat (x36)	
June??	GX-1	??	
??	Rocket v3.0	DARPA Launch Challenge 1	
Launch site:	Pacific spaceport complex Alaska , USA		
??	Vega (VV16) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)		
Launch site:	Kourou , French Guiana		
??	??	Xidian -1	
??	Angara A5/ Briz M	Kosmos	
??	SSLV D2	Demo 2	
??	CZ-3B/G3	Tiantong-1 (02)	
July16	Ariane 62	OneWeb	
Launch site:	Kourou , French Guiana		
July17. 1300UTC	Atlas 5 (541)	Mars 2020 rover	
Launch site:	Cape Canaveral , USA		
July23.	CZ-5 Y4	Mars probe (orbiter + lander + rover)	
Launch site:	Wenchang , China		
July23.	Soyuz-2	Progress MS 15	
Launch site:	Байконур (Baikonur) Cosmodrome, Kazakhstan		



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July??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
July??	CZ-6A	Satellogic (1-13)	
July??	H-IIA	Hope (UAE mission to Mars)	
??July??	Soyuz-2B/Fregat	OneWeb smalsat (x36)	
??	Falcon 9	SiriusXM SX7	
??	PSLV	Cartosat-3B	
??	PSLV	IRNSS-1J	
??	Ariane 5	MTG-S1/Sentinel-4A	100
Aug??	Firefly Alpha	first flight	
Launch site: Vandenberg , USA			
Aug??	Soyuz-2 B/Fregat-MT	OneWeb smalsat (x34)	
Aug??	Falcon 9	GPS IIIA-4	
Aug??	PSLV	HRSAT	
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	
??	Ariane 5 ECA	GSAT-20	
Oct14.	Soyuz 2-1A	Soyuz MS 17 (S63/64)	
CDR: ??, ??, Stephen Bowen			
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
			80
Oct15.	Soyuz-2 ST (VS25)	CSO-2	
Launch site: Kourou , French Guiana			
Oct30.	Falcon 9 FT	Dragon SpX-21	
Launch site: Cape Canaveral , USA			
Oct??	Atlas 5 422 (AV082)	CST-100 Starliner unmaned test	



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Oct?? JL-1 Hainan-1 (4)
 ?? [Falcon 9](#) SARah 1
 ?? [Falcon 9](#) SiriusXM SX8
 ?? [Ariane 5](#) ECA Eutelsat Quantum / Star One D2

Nov10. [Falcon 9](#) Jason – Sentinel 6A
 Launch site: [Cape Canaveral](#), USA

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

?? [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). 60

Dec?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra (Kupol) 4
 Dec?? [Soyuz-2](#) B/[Fregat](#) OneWeb smalsat (x34)

?? [Angara](#) A5/ DM 03(Persei) Kosmos
 ?? [Falcon 9](#) FT [Dragon](#) SpX-22

?? ?? 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



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??	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	
??	Soyuz-2 1A	Bars-M 4	
??	Soyuz-2-1B	Pion	40
??	Soyuz-2-	Razdan 1	
??	Soyuz-2-1V	??	
??	Soyuz-2-1V	??	
??	Soyuz-2-1V	??	
??	Angara 1.2	Kosmos	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x34)	
??	Soyuz-2 B/Fregat	OneWeb smalsat (x36)	
??	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)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-2D	SJ-19 Shijan-19	20
??	CZ-11	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	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

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2021.

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

Jan?? [Falcon 9](#) [Dragon v2](#) (USCV-1)
 Cdr: Victor **Glover**, Mike **Hopkins**, Soichi **Noguchi**, Shannon **Walker**
 Feb?? [Falcon 9](#) GPS IIIA-6
 Feb?? [Falcon H](#) AFSPC-44
 Feb?? [Soyuz-2 B/Fregat](#)-MT OneWeb smalsat (x34) **100**

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

Mar12. [Antares 230](#) [Cygnum 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](#) 422 (AV083) CST-100 Starliner
 CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**
 Launch site: [Cape Canaveral](#), USA

?? [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



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?? [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)
 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) 80
 ?? 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
 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

?? [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: Олѣг Вікторович **Новіцкий**, Пѣтр 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](#)-1A [Soyuz MS](#) 20
 ?? [Soyuz-2](#) 1B Progress M-UM 60
 ?? [Falcon 9](#) PACE

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

Dec?? [Vega](#) C KOMPSAT 7
 Dec?? GSLV-Mk III. Gaganyaan-3
 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		40
??	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		
??	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		20
??	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)		



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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)
??	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)

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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 Vechile)
??	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	LSTSAT (Nicasat 1)
??	CZ7	TZ 4 Tianzhou 4 (Logistic Cargo Vechile)
??	CZ-5 B	Mengtian Lab module Space station module
??	CZ-2F/G	SZ-15 Shenzhou-15



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May20. Ariane 5ECA JUICE (JUperiter ICy moon Explorer)
June04. SLS Block I Orion: Exploration Mission 2 (Crew to Cislunar) Mission)

June?? Ariane 5 MTG-I2
 June?? [Atlas 5](#) 402 USCVC-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](#) USCVC-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](#) HЭM-1
 ?? [Proton-M/Briz-M](#) Ekspres – AMU 5
 ?? [Proton-M/Briz-M](#) Ekspres – AMU 6
 ?? [Proton-M/Briz-M](#) Ekspres – RV 3, Ekspres – RV 4

?? [Proton-M/Briz-M](#) Yenisey A1
 ?? [Proton-M/Briz-M](#) Ямал-501
 ?? [Proton-M/Briz-M](#) Ямал-GK-1
 ?? [Proton-M](#) PTK NP
 ?? [Proton-M/Briz-M](#) Ekspres-RV1, Ekspres-RV2
 ?? [Proton-M/Briz-M](#) Ekspres AMU 4

?? [Proton-M/Briz-M](#) Anik G2V
 ?? [Proton-M/Briz-M](#) Luch-5VM 1
 ?? [Proton-M/Briz-M](#) Luch-5VM 2



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??	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
??	Soyuz-2-1B/Fregat-M	Resurs PM - 2
??	Vega	C Space Rider 3
??	Vega	C Space Rider 4



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??	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		
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
??	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

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)
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)
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2027.

June??	Atlas 5 402 / Falcon 9	USCV-14 (US Commercial Vehicles)
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2069.

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[Interstellar mission](#)