



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (13.7.2020.)

2020.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change on 06.July.2020.

July14. 2051UTC H-IIA AI Almal Hope (UAE mission to Mars)

Launch site: [Tanegashima](#), Japan

July14. 2100UTC Falcon 9 Anasis II

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

July15. 1300UTC Minotaur IV NROL 129

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

July20. Rocket v3.0 DARPA Launch Challenge 1

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

July23. 1426UTC Soyuz-2 Progress MS 15

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

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

Launch site: [Wenchang](#), China

July25. 2319UTC Falcon 9 SAOCOM-1B, SAOCOM-1C

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

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?? Cosmic Girl / LauncherOne Launch 2 Dummy payload3

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

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

Launch site: [Semnan](#), Iran

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

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

July?? CZ-6A Satellogic (1-13)

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) 100

July?? [Falcon 9](#) [Starlink](#) f11



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?? ?? Xidian -1
 ?? [CZ-3B/G3](#) Tiantong-1 (02)
 ?? CZ-2F/G ?Experimental Spaceplane

Aug02. 0427UTC [Falcon 9](#) [SiriusXM SX8](#)
 Launch site: [Cape Canaveral](#), USA

Aug06. [Soyuz-2-1B/Fregat-M](#) [Glonass K1 / 15L](#)
 Launch site: [Плесецк \(Plesetsk\)](#) Cosmodrome, Russia

Aug14. [Cosmic Girl / LauncherOne Launch 3](#) [ELaNaXX](#)
 Launch site: [Spaceport America](#), USA

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

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?? [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?? [Falcon 9](#) [Starlink](#) f12
 Aug?? [Falcon 9](#) [Starlink](#) f13 80
 Aug?? [Falcon 9](#) SiriusXM SX7

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

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



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Sep??	Soyuz-2 B /Fregat-M	CAS500-1; +
Sep??	CZ-6	5m resolution multispectral satellite
Sep??	PSLV	HRSAT
Sep??	Falcon 9	GPS IIIA-4
??	PSLV	Cartosat-3B
??	PSLV	IRNSS-1J
??	Electron	Capella Whitney

Oct14. Soyuz 2-1A Soyuz MS 17 (S63/64)
 CDR: Сергей Николаевич **Рыжиков** (Sergey **Ryzhikov**), Сергей Владимирович **Кудь-Сверчкóв** (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

Oct??	JL-1	Hainan-1 (4)	60
Oct??	CZ-6	2m resolution multispectral satellite	

?? [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



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

??Dec?? GSVL-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 Tundra (Kupol) 4

?? [KZ-1A](#) GeeSat-1A; GeeSat-1B 40

?? ?? 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
?? [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)
?? ?? Sanya-1 (2) 20

?? CZ FY-3F Fengyun-3F (Batch 2)
?? CZ FY-3 Fengyun-3 RM-2

?? [CZ-2D](#) SJ-19 Shijan-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



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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
??	Safir 3A	Pars sepher

45 + 118

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](#)

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

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**



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?? 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](#)
Cdr: Николай Владимирович **Тихонов** (Nikolai **Tikhonov**), Андрей Николаевич **Бабкин** (Andrei **Babkin**), **xx**

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



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??	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
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	
Oct??	Soyuz-2 -1A	Soyuz MS 19	
CDR: Олѐг Викторович Новицкий (Oleg Novitsky), Пѐтр Валерьевич 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	



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??	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	
??	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	



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??	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 Vechile)
??	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 Vechile)
??	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)



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??	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	
	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 (unmanned)		
??	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	PTK 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	



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?? [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

?? CZ 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)



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??	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	
??	??	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



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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.

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

??	??	Interstellar mission
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