



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (1.7.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change **01. July 2019**.

July05. 0541UTC [Soyuz-2-1B/Fregat-M](#) **Meteor M-2-2, Ionosfera 3, Ionosfera 4**
Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

July06. 0153GMT [Vega](#) **VV15** **Falcon Eye 1**
Launch site: [Kourou](#), French Guiana

July12. 1127UTC [Atlas 5](#) **AEHF 5**
Launch site: [Cape Canaveral](#), USA

July12. [Proton-M](#) rocket to launch **Spektr-Rentgen-Gamma X-Ray** observatory from Baikonur. 1900 kg Spectr-RG is a joint Russian-German X-ray observatory carrying two telescopes developed and produced by German and Russian partners. The primary instrument is German eRosita, complemented by Russian ART-XC. Main tasks of the project are studies of the sky in X-ray energy range, which can provide clues for the mystery of dark energy.
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan **100**

July14. 2121UTC [GSLV](#) **Mk III D3** **Chandrayaan 2**
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

??July15. 2137UTC [Proton-M/Briz-M](#) **Blagovest 4**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

July15. **Jielong-1 JL-1** **Tianqi-2, CAS-7B/BP-1P**
Launch site: [Jiuquan](#), China

July20. 1628UTC **Soyuz FG** [Soyuz MS 13 \(S60/61\)](#)
CDR: Александр Александрович **Скворцов** (Alexander **Skvortsov**), Luca **Parmitano** (ESA), Andrew **Morgan** (NASA)

July21. 2335UTC [Falcon 9](#) **Dragon SpX-18**
Launch site: [Cape Canaveral](#), USA

July24. 1930UTC [Ariane 5 ECA](#) **VA249** **Intelsat 39 / EDRS-C (Hylas 3)**
Launch site: [Kourou](#), French Guiana

July25. 1500UTC [Delta IV](#) **GPS IIIA-2**
Launch site: [Cape Canaveral](#), USA

July31. 1231UTC [Soyuz-2](#) **Progress MS 12**

July?? [KZ-1A](#) ??
Launch site: [Jiuquan](#), China

July?? Hyperbola-1 SQX-1 7 satellites
Launch site: [Jiuquan](#), China

July?? [PSLV](#) C48 - XL RISAT-2BR1
July?? [CZ-3A](#) [Beidou 3 I3Q](#)

?? [Soyuz-2-1V](#) ??



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??	Soyuz-2-1B/Fregat M	Meridian 18L	
Aug15.	CZ-11	Zhuhai-1 Group-3	
Aug22.	Soyuz-2 1A	Soyuz 14 GVK	
Aug??	Falcon 9	Amos 17	
Launch site: Cape Canaveral , USA			
Aug??	Rokot / Briz KMGeo IK 2	13L	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
Aug??	SSLV D1	Two defence sats	
Aug??	PSLV C47	CARTOSAT-3, NEMO-AM	
Aug??	Electron	KSM-1,KSM-2,KSM-3 (Kleos Scouting Mission)	80
Aug??	CZ-3B/E	Apstar-6D	
Sep01.	Cosmic Girl / LauncherOne	Test Launch	
Launch site: Spaceport America , USA			
Sep05.	Vega	SSMS POC (Small Spacecraft Mission Service Proof Of Concept)	
Sep11.	H-2B (F9)	HTV8	
Sep17.	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)	
Launch site: Cape Canaveral , USA			
Sep25.	Soyuz-2-1A	Soyuz MS 15 (S61/62)	
CDR : Олѐг Ива́нович Скрѝпочка , (Oleg Ivanovich Skripotscka), ??Christopher J. Cassidy , Hazzaa Al Mansouri			
Sep??	Pegasus-XL	ICON (Helio EX-1)	
??Launch site: Cape Canaveral , USA			
Sep??	GSLV MK II F12	GISAT -1	
Sep??	Falcon 9	JCSat 18	
Sep??	CZ-6A	Satellologic (1-13)	
??	Atlas 5 551 (AV-086)	AEHF-6	
??	Ariane 5	Inmarsat-5 F5 (GX-5)	
??	Electron	BlackSky Global 4	
??	Electron	Dove / Flock-y	
Oct15.	Soyuz ST B/Fregat -MT	Cosmo-SkyMed Secon Gen 1	CSG-1 / CHEOPS
(Characterising ExOPlanet Satellite)			
Oct19.	Antares 230	Cygnum OA-12	
Oct??	CZ-3A	Beidou 3 MEO M19, Beidou 3 MEO M20	
Launch site: Xichang , China			
Oct??	Atlas 5 551	STP-03	
Oct??	SSLV D2	Demo 2	
Oct??	PSLV	RISAT-2BR2	60
Oct??	Proton-M/Briz-M	EutelSat 5 West B / MEV	
??	CZ-4B	CBERS-4° A	



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Nov15.	Falcon 9 (SPx-DM2)	Dragon v2
CDR: Robert Benkhen , Doug Hurley		
Nov20.	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)
Nov30.	Atlas 5 422 (AV082) CST-100 Starliner	
CDR: Michael Fincke , Chris Ferguson , Nicole Aunapu Mann		
Nov??	Vega	Falcon Eye 2
Nov??	GSLV	GISAT -2
Nov??	CZ-2D	ETRSS-1 (Ethiopian multi-spectral Remote Sensing Satellite)
Nov??	Falcon 9	Anasis II
??	Ariane 5	JCSat 17
??	Kuaizhou-1A	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)
??	Minotaur 1	NROL 111
??	Falcon 9	SiriusXM SX7
??	Minotaur IV	NROL 129
Dec04.	Falcon 9 FT	Dragon SpX-19
Dec05.	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)
Dec20.	Soyuz-2	Progress MS 13
Dec??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
Dec??	Proton-M/Briz-M	Elektro L – 3
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan		
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103 40
Dec??	Soyuz-2-1B/Fregat-M	CAS500-1
Dec??	Soyuz-2-1B/Fregat	Glonass K2 / 13
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22
Dec??	Angara A5/ Briz M	Kosmos
Dec??	CZ-5 Y3	SJ-20 (DFH-5 platform)
Dec??	Falcon 9	GPS IIIA-3
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)
??	??	EX-3
??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)
??	Ariane 5 ECA	Star One D2
??	Vega	OpSis
??	Soyuz-2-	Razdan 1
??	Proton-M/Briz-M	Kosmos
??	Soyuz-2 1A	Energiya-100



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??	Soyuz-2-1B	Pion	
??	Soyuz-2 1B / Fregat -M	Tundra 3	
??	Soyuz-2 1B / Fregat -M	Tundra 4	
??	Soyuz-2-1B / Fregat -M	Glonass K1 15	20
??	Soyuz-2-1B / Fregat M	Meridian 19L	
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-4B	ZY-2D Ziyuan-2D	
Launch site: Taiyuan , China			
??	CZ-7	New generation manned spacecraft	
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ-6A	HY-2D Haiyang-3A	
??	CZ	CBERS-SAR 1	
??	CZ-??	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
??	CZ-2D	GF-7 Gaofen-7	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-3B/G2	ZX-18 Zhongxing-18	
??	CZ-2D	SJ-19 Shijian-19	
8 + 9			
36 + 104			

2020.

Jan??	Falcon 9	Dragon SpX-20
?? - inaugural flight - Vega-C - Kourou	ZLV	
??	Falcon 9	SAOCOM-1B, SAOCOM-1C
??	Ariane 5 ECA	GSAT-20
Feb05.	Atlas 5	Solar Orbiter (Solo) (ESA)



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Feb??	H-2B (F10)	HTV9	
Feb??	CZ-3B/YZ-1	Beidou 3 2GQ	
Feb??	Soyuz-2	Progress MS 14	
Feb??	GSLV	GSAT - 32	
Feb??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	Soyuz-2 1A	Bars-M 3	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			120
??	Vega	SSMS - 2 (Small Spacecraft Mission Service)	
??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)	
??	CZ-5 B	Test flight	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Ariane 5 ECA	GSAT 30	
??	Falcon 9	GPS IIIA-4	
Mar20.Soyuz 2-1A Soyuz MS 16 (S62/63)			
CDR: Николай Владимирович Тихонов (Nikolai Tikhonov) , Андрей Николаевич Бабкин (Andrei Babkin) , Hoshide			
Mar??	Delta IV -M	DMSP-5D3 F20	
Mar??	Soyuz-2 -1B/ Fregat -M	Glonass K1 / 22	
Mar??	Atlas 5 551	AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))	
??	CZ-5	Tian He Space Station Core Module	
??	Ariane 5	Galaxy 30 / MEV-2	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 59	
??	Soyuz-2 -1B/ Fregat -M	Glonass M 60	
Apr??	CZ-3B/YZ-1	Beidou 3 MEO M23, Beidou 3 MEO M24	
Apr??	Angara-1.2/AM Gonets	x 3 (No 30,31,32)	
Apr??	Soyuz-2 1B / Fregat -M	CAS500-1	
??	CZ7	TZ 2 Tianzhou 2 (Logistic Cargo Vechile)	
??	CZ-2F/G	SZ-12 Shenzhou-12	100
??	Vega CCERES (x3)		
May??	Falcon 9	Dragon v2 (USCV-1)	
Cdr: Victor Glover , Mike Hopkins , Soichi Noguchi			
May??	Soyuz-2 1B	Progress M-UM	
May??	Ariane 62	CSO-2	
June??	Ariane 5	MTG-S1/Sentinel-4A	
June??	CZ-3C	Beidou 3 G3Q	
June??	Vega_C	Space Rider flight 1	
June??	Atlas 5 551	AFSPC-8 (GSSAP 5, GSSAP 6)	
June??	Soyuz-2	Progress MS 15	
??	Vega	Seosat (Ingenio)	
July16	Ariane 62	OneWeb	
July17.	Atlas 5 (541)	Mars 2020 rover	



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July25. [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.

July??	CZ-5	Mars probe (orbiter + lander + rover)	
July??	Soyuz-2-1B/Fregat-M	Glonass K2 / 14	
July??	Soyuz-2-1B / Fregat	Arktika-M	
??	Vega-C Pleiades Neo 1, Pleiades Neo 2		
??	Ariane 5	ViaSat 3 EMEA	
Aug??	Falcon 9 FT	Dragon SpX-21	
Sep??	CZ	CBERS-6	80
Sep??	Soyuz-2-1B/Fregat-M	Glonass K2 / 15	
Sep??	Falcon 9	GPS IIIA-5	
Sep??	Atlas 5 552	Dream Chaser Cargo System SNC-1	
Sep??	Soyuz-2	Progress MS 16	
Sep??	??	GOES-T (National Security Space Launch program)	
??	CZ-2F/G	SZ-13 Shenzhou-13	

Oct21. [Soyuz 2-1A](#) [Soyuz MS 17 \(S63/64\)](#)
 CDR: **Иванишин (Ivanishin), Вагнер (Vagner), Bowen**

Oct??	Vega	Proba 3	
Oct??	Soyuz-2 1B / Fregat-M	Gonets x 3 (No 27,28,29)	
Oct??	Proton-M	MLM	
??	Falcon 9	SARah 1	
??	Angara A5/ DM 03(Persei)	Kosmos	
Nov??	Atlas 5 402	CST 100 Starliner (USCV-2)	
Cdr: John Cassada , Sunita Williams			
Nov??	Soyuz-2	Progress MS 15	
Nov??	Soyuz-2 1B / Fregat-M	Resurs N°4	
??	SLS-1	Orion (unmanned trip around the Moon)	Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)

Dec15. [Atlas 5](#) **Landsat 9**

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	Progress MS 17	
??	??	PACE	60
??	??	EX-4	
??	??	ACE	
??	??	HyspIRI	
??	Antares	IMAP/STP-05	



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??	Falcon 9 FT	Dragon SpX-22	
??	Falcon H	ViaSat 3	
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 16	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 17	
??	Soyuz-2 -1B/ Fregat -M	Meteor M No2-3	
??	Angara 1.2	Kompsat-6	
??	Soyuz-2 -1A/ Fregat -M	Gonets x 6	
??	Proton-M / Briz-M	AOneSat-1	
??	Proton-M / Briz-M	Terrestar-2	
??	Proton-M / Briz-M	SkyTerra 2	
??	Proton-M / Briz-M	Ekspress AMU 3 / Ekspress AMU 7	
??	Proton-M / Briz-M	Yenisey A1	
??	Proton-M / Briz-M	Ямал-501	
??	Proton-M / Briz-M	EutelSat	
??	Proton-M / Briz-M	Ямал-GK-1	40
??	Proton-M	PTK NP	
??	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	
??	Angara 1.2	Kosmos	
??	Zenit 3 SL / Fregat -SB	Lybid'	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
??	Ariane 5	Arsat 3	
??	Ariane 5	ViaSat-3 Asia	
??	Ariane 5 ECA	EDRS-D	
??	??	Seosat-Ingenio-2	
??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2	
??	CZ	Two Meter Space Telescope	
??	CZ	FY-4C Fengyun-4C	20
??	CZ	HY-3B Haiyang-3B	
??	CZ-3B / Palapa 1N		
??	??	Hainan-1 (4)	
??	??	Hainan-1 (5)	



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??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	CZ	FY-3F Fengyun-3F (Batch 2)
??	CZ	FY-3 Fengyun-3 RM-2
??	GSLV MK II F11	GSAT-10A
Launch site: Satish Dhawan Space Centre , Sriharikota, India		
??	PSLV	ScatSat, NovaSAR
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	PSLV	EnMap
??	PSLV XL	Aditya'
??	H-IIA	Hope (UAE mission to Mars)
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	Inmarsat-6 F1
??	Safir 1 B	Tadbir
??	Safir 3A	Pars sepher

130

2021.

Feb??	Soyuz-2	Progress MS 18
Feb??	Falcon 9	GPS IIIA-6
Feb??	Falcon H	AFSPC-44

Mar30. [Soyuz-2-1A](#) [Soyuz MS 18](#)
 Cdr: xx, Akihiko **Hoshide**, xx

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

Mar??	Atlas 5 411	SBIRS-GEO 5
Apr??	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
May??	Falcon 9	Dragon v2 USCV-3 (US Commercial Vehicles)
CDR: ??(NASA), ??(NASA), ??(RF)		
??	CZ-5 B Wentian Lab module	Space station module
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)
??	CZ7	TZ 3 Tianzhou 3 (Logistic Cargo Vechile)
??	Soyuz-2	Progress MS 19
??	CZ-2F/G	SZ-14 Shenzhou-14



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??	Ariane 62	Galileo-FOC FM25, Galileo-FOC FM26
July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2
July??	Vega C	Biomass
July??	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)
July??	GSLV-Mk III. Gaganyaan-2	
??	Soyuz ST B/ Fregat -MT	EarthCare
Sep30.	Soyuz-2-1A	Soyuz MS 18
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
Oct16.	Atlas 5 401	Lucy
Oct??	Atlas 5 401/ Falcon 9 v1.1	JPSS Free Flyer 2 (TSIS-2)
Oct??	Ariane 62	CSO-3
Nov??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
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
??	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	HƏM-1
??	Soyuz-2-1B / Fregat -M	Meteor M No2-4
??	Angara 1.2	Gonets x 3
??	Proton-M / Briz-M	Ekspress-RV1, Ekspress-RV2
??	Proton-M / Briz-M	Ekspress AMU 4
??	Soyuz-2-1B / Fregat -M	Smotr R №1
??	Proton-M / Briz-M	IntelSat
??	Proton-M / Briz-M	Elektro L - 4
??	Soyuz-2-1B / Fregat -M	Arktika M 2
??	Proton-M / DM-03	Glonass-M /K21,K22,K23
??	Soyuz-2-1B / Fregat -M	Kondor-FKA n.º 2
??	Soyuz-2 1B / Fregat -M	Resurs №5
??	Angara A5/ Briz-M	Luch 5M
??	Ariane 5	Heinrich Hertz
??	Ariane 5	SES-17
??	Ariane 5	Comsat NG 1 (Syracuse 4A)



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?? [Soyuz ST](#) B/[Fregat](#)-MT CSO 2 (Composante Spatiale Optique-2)

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

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

?? [Vega C](#) Space Rider 2

?? [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)

2022.

Jan?? ?? Solar Sentinels

?? [Soyuz-2](#) [Progress MS](#) 21

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.

Mar30. [Soyuz-2-1A](#) [Soyuz MS](#) 19

Mar?? [Atlas 5](#) NROL-107 Silentbaker

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 (JU)piter (IC)y moon Explorer)**

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

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

June?? Ariane 5 MTG-I2

?? Sunkar ??

?? [Soyuz-2](#) [Progress MS](#) 20

Aug?? H2B Phobos sample return

Aug?? [Atlas 5](#) 411 SBIRS-GEO 6

Sep30. [Soyuz-2-1A](#) [Soyuz MS](#) 20



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Nov??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
Dec??	Soyuz ST B/ Fregat -MT	MetOp-SG B1
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)
??	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/Briz-M	Ekspress – AMU 5
??	Proton-M/Briz-M	Ekspress – AMU 6
??	Proton-M/Briz-M	Ekspress – RV 3, Ekspress – RV 4
??	Angara 1.2	Gonets x 3
??	Proton-M/Briz-M	Eutelsat
??	Proton-M/Briz-M	Intelsat
??	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
??	Angara A5/ Briz-M	Luch 5M
??	Ariane 5	Moon's south pole samples return mission
??	Ariane 5	Comsat NG 2 (Syracuse 4B)
??	Vega C	Space Rider 3
??	Vega C	CryoSat FO
??	CZ	HY-3C Haiyang-3C
2023.		
??	Soyuz-2	Progress MS 22
Mar30.	Soyuz-2-1A	Soyuz MS 21
May??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
??	CZ7	TZ 5 Tianzhou 5 (Logistic Cargo Vechile)
??	CZ-2F/G	SZ-16 Shenzhou-16
??	Soyuz-2	Progress MS 23
??	Ariane 5	MTG-S2/Sentinel-4A
Sep30.	Soyuz-2-1A	Soyuz MS 22
Nov??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 24
??	SLS Block IA II	Orion: Exploration Mission 3 (Crew to Cislunar)



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?? Sunkar Federatsia (unmaned 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 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)

?? [GSLV MK III](#) Mission to Venus

?? [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

Mar30. [Soyuz-2-1A](#) [Soyuz MS 23](#)

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

?? CZ7 TZ 6 Tianzhou 6 (Logistic Cargo Vechile)

Sep30. [Soyuz-2-1A](#) [Soyuz MS 24](#)

Oct?? EELV GOES-U

Nov?? [Atlas 5 402 / Falcon 9](#) USCV-10 (US Commercial Vehicles)

?? SLS Block IA II Orion: Exploration Mission 4 (Crew to Cislunar)

?? Sunkar Federatsia (Light 14t – 2 man to ISS)

?? [Soyuz-2](#) [Progress MS 25](#)

?? [Soyuz-2](#) [Progress MS 26](#)

?? [Soyuz-2](#) [Progress MS 27](#)



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?? [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

?? ?? 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

May?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-11 (US Commercial Vehicles)

Nov?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-12 (US Commercial Vehicles)

?? SLS Block IA II Orion: Exploration Mission 5 (Crew to Cislunar)

?? [Soyuz-2-1A](#) [Soyuz MS](#) 25

?? 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.

May?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-13 (US Commercial Vehicles)

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

June?? [Angara](#) A5P/KVTK A mission to Venus (*Venera D*) would be launched

?? CZ Jupiter Orbiter
 ?? CZ Mars Sample Return
 ?? CZ Chang'e-8 (Moon north pole landing)



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?? [Angara A5/DM03](#) Bumerang (FobosGrunt 2)

2069.

?? ?? [Interstellar mission](#)