



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (17.12.2018.)

2018.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 17.Dec.2018.

Dec18. 1424UTC [Falcon 9](#) GPS III-1

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

Dec18. 1637UTC [Soyuz ST B/Fregat-MT \(VS20\)](#) CSO 1 (Composante Spatiale Optique-1)

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

Dec19. 0157UTC [Delta 4-H](#) NROL-71 [KH11](#) 17 (Cristal 17)

Launch site: [Vandenberg](#), USA

Dec19. 1030UTC [GSLV MK II F12](#) GSAT-7A

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

Dec21. 2212UTC [Proton-M/Briz-M](#) Blagovest 13

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

Dec25. CZ-3C TJS 3

Launch site: [Jiuquan](#), China

Dec26. [KZ-1A](#) ??Jilin 1-09

Launch site: [Jiuquan](#), China

Dec27. 0207UTC [Soyuz-2 1A / Fregat Kanopus V 5, Kanopus V 6](#)

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

Dec29. [CZ-4B](#) ZY-2D Ziyuan-2D

Launch site: [Taiyuan](#), China

Dec?? [CZ-2D](#) Hongyan-1

Dec?? [CZ-11](#) Lingque 1,2

20 + 1

104 + 11

2019.

Jan07. 1453UTC [Falcon 9](#) [Iridium Next](#) Flight 8 (x10)

Launch site: [Vandenberg](#), USA

Jan17. 0050UTC [Epsilon](#) (4) RAPIS-1 (RAPid Innovative payload demonstration Satellite 1), OrigamiSat-1

Launch site: [Tanegashima](#), Japan

Jan18. 0100UTC [Falcon 9](#) (SPx-DM1) Dragon v2 unmanned test

Jan23. [Ariane 5](#) ECA VA247 Hellas-Sat-4,SGS1 (SaudiGeoSat1) / GSAT 31

Jan25. 2340UTC [Delta IV-M](#) (5,4) WGS 10



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Jan31. [GSLV Mk II D9](#) **Chandrayaan 2**
Launch site: [Satish Dhawan Space Centre](#), Sriharikota, India

Jan?? [PSLV](#) C44 EMIsat

?? Pegasus-XL ICON ([Helio EX-1](#))
??Launch site: [Cape Canaveral](#), USA

?? [Soyuz-2 1B /Fregat-M](#) Neutron (Kosmos)
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [CZ-11](#) Zhuhai-1 Group-3

Feb07. 1647UTC [Soyuz-2-1B](#) **EgyptSat A**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Feb13. 1415UTC [Falcon 9](#) **PSN VI**
Launch site: [Cape Canaveral](#), USA

Feb17. [Falcon 9](#) **Dragon SpX-17**
Launch site: [Cape Canaveral](#), USA

Feb?? [Vega](#) (VV14) [Prisma](#) 160
Launch site: [Kourou](#), French Guiana

Feb?? [Falcon 9](#) Radarsat C-1, -2, C-3
Launch site: [Vandenberg](#), USA

Feb?? [CZ-3C](#) [Beidou 3](#) I1Q
Feb?? [PSLV](#) C46 Cartosat 3
Feb?? [Soyuz ST B/Fregat-MT](#) (VS21) OneWeb smalsat (x10)

?? [Soyuz-2-1B](#) Arktika M 1
Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

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

?? [CZ-3B/E](#) Apstar-6D
?? [Ariane 5](#) ECA Eutelsat 7C
?? [Electron](#) Outernet 2,3
?? [Soyuz-2-1B/Fregat M](#) Meridian 18L
?? [PSLV](#) C45 RISAT-2B
?? [Falcon H](#) Arabsat 6A

Mar01. 0242UTC [Soyuz-2 1A](#) [Soyuz MS 12 \(S59/60\)](#)
CDR: Алексей Николаевич **Овчинин**, ([Aleksey Nikolayevich Ovchinin](#)), Christina **Hammock Koch**, Tyler N. **Hague**

Mar28. [Soyuz-2](#) [Progress MS 11](#)

Mar?? [PSLV](#) C47 RISAT-2BR1
Mar?? [Atlas 5](#) N22 (AV80) CST-100 Starliner (unmanned test)



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?? [Soyuz-2 1A](#) [Bars-M 3](#)
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [Rokot / Briz KM](#) [Gonets](#) x 3 (No 24,25,26), Blits-M
Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

?? [CZ-3C](#) [Beidou 3](#) G1Q
?? [CZ-3B/YZ-1](#) [Beidou 3](#) MEO M17, [Beidou 3](#) MEO M18 140
?? [CZ-3B/YZ-1](#) ZX-6C Zhongxing-6C
?? [Soyuz ST](#) B/Fregat-MT [O3b](#) (FM17-20)
?? [CZ-5](#) Y3 SJ-18 02 (DFH-5 platform)
?? [Soyuz-2-1B/Fregat](#) Glonass M/ 58

Apr04. [Delta IV](#) **GPS IIIA-2**

Apr11. [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.

Apr17. [Antares 230](#) [Cygnus OA-11](#)
Launch site: [Wallops Island](#), USA

Apr?? [Soyuz-2-1B/Fregat-M](#) Meteor M-2-2, Ionosfera 3, Ionosfera 4
Launch site: Восточный ([Vostochniy](#)) Cosmodrome, Russia

Apr?? ?? GOES-T
Apr?? [CZ-3B/E](#) Nicasat 1
Apr?? [CZ-3C](#) [Beidou 3](#) I2Q
Apr?? [CZ-2D](#) [SJ-19 Shijian-19](#)

?? [Falcon Heavy](#) STP-02, FORMOSAT-7 (6 sat)

May07. [Falcon 9](#) [Dragon SpX-18](#)

May?? [Ariane 5](#) ECA EDRS-C (Hylas 3)
May?? [Proton-M/Briz-M](#) Ямал-601
May?? [Ariane 5](#) GSAT-30
May?? [Proton-M/Briz-M](#) EutelSat 5 West B / MEV

June18. 0100UTC [Falcon 9](#) (SPx-DM2) [Dragon v2](#)
CDR: Robert **Benkhen**, Doug **Hurley**

June?? [CZ-5](#) B Test flight 120

?? [CZ-3B/G2](#) TECSTAR 1
?? SSLV ??
?? [GSLV](#) MK II F10 GISAT
?? [Ariane 5](#) Inmarsat-5 F5
?? [Ariane 5](#) ECA Intelsat 39
?? Minotaur 1 NROL 111
?? [Proton-M/Briz-M](#) Blagovest 14
?? [Falcon 9](#) Amos 17
?? CZ-4B CBERS-4° A

July06. [Soyuz FG](#) [Soyuz MS 13 \(S60/61\)](#)



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CDR: Александр Александрович **Скворцов** (Alexander **Skvortsov**), Luca **Parmitano** (ESA), Andrew **Morgan** (NASA)

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

July?? [CZ-3C](#) [Beidou 3](#) I3Q
 July?? H-2B (F9) HTV8
 July?? [Atlas 5](#) 551 STP-03
 July?? [Atlas 5](#) AEHF 5
 July?? [Vega](#) SSMS POC (Small Spacecraft Mission Service Proof Of Concept)
 Aug?? [Atlas 5](#) 422 (AV082) CST-100 Starliner

CDR: Eric **Boe**, Chris **Ferguson**, Nicole Aunapu **Mann**

Aug?? [Zenit 3 SL /Fregat](#)-SB Lybid'
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Aug?? [Falcon 9](#) Dragon v2 (USCV-1)
 Cdr: Victor **Glover**, Mike **Hopkins**

Sep12. [Soyuz-2 1A](#) **Soyuz 14 GVK** 100

Sep?? [Atlas 5](#) 552 Dream Chaser Cargo System SNC-1
 Sep?? [Ariane 5](#) ECA GSAT-20

?? [Atlas 5](#) 551 (AV-086) AEHF-6
 ?? [Soyuz ST B/Fregat](#)-MT OneWeb smalsat (x32)

Late - inaugural flight - Vega-C - Kourou ZLV

Oct01. [Antares 230](#) [Cygnus OA-12](#)

Oct03. [Soyuz-2-1A](#) [Soyuz MS 15 \(S61/62\)](#)
 CDR : Олѣг Ива́нович **Скрипочка**, (**Oleg Ivanovich Skripotscka**), Christopher J. **Cassidy**,
Al Mansouri

Oct15. [Soyuz ST B/Fregat](#)-MT **Cosmo-SkyMed Secon Gen 1** **CSG-1 / CHEOPS**
(Characterising ExOPlanet Satellite)

Oct15. [Falcon 9](#) FT [Dragon SpX-19](#)

Oct?? [Proton-M/Briz-M](#) Elektro L – 3
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

Oct?? [CZ-3B/YZ-1](#) [Beidou 3](#) MEO M19, [Beidou 3](#) MEO M20
 Oct?? [Soyuz-2](#) 1B /[Fregat](#)-M [Gonets](#) x 3 (No 27,28,29)
 Oct?? [Falcon 9](#) GPS IIIA-3

?? [Ariane 5](#) JCSat 17
 ?? [Ariane 5](#) ECA GEO-KOMPSAT-2B , Cheollian 2B
 ?? [Ariane 5](#) ECA Eutelsat Quantum
 ?? [Falcon 9](#) SAOCAM-1B, SAOCAM-1C

Nov30. [Proton-M](#) **MLM**

?? [Falcon 9](#) GPS IIIA-4
 ?? [Vega](#) Seosat (Ingenio) 80
 ?? [Vega](#) - C ??



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Dec02.	Soyuz-2	Progress MS 13	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
Dec??	Soyuz-2 1B / Fregat -M	CAS500-1	
Dec??	Soyuz-2-1B/Fregat	Glonass K2 / 13	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Falcon 9	Astrium active 3x SARah satellite	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
??	Falcon 9	GiSat-1	
??	Falcon 9	OHB SARah satellite (x2)	
??	Ariane 5 ECA	Eutelsat BB4A (African Broadband Satellite)	
??	Ariane 5 ECA	Star One D2	
??	Vega	OpSis	
??	Vega	Falcon Eye 1	
??	Vega	Falcon Eye 2	
??	Proton-M/Briz-M	SkyTerra 2	
??	Proton-M/Briz-M	Yenisey A1	
??	Proton-M/Briz-M	Ямал-501	60
??	Proton-M/Briz-M	EutelSat	
??	Proton-M/Briz-M	IntelSat	
??	Soyuz-2-1B/Fregat M	Meridian 19L	
??	Soyuz-2-	Razdan 1	
??	Angara 1.2	Kosmos	
??	Angara A5/ Briz-M	Kosmos (Repei)	
??	Proton-M/Briz-M	Kosmos	
??	Proton-M/Briz-M	Ямал-GK-1	
??	Proton-M/Briz-M	Anik G2V	
??	Proton-M	PTK NP	
??	Soyuz-2 1A	Energiya-100	
??	Soyuz-2-1B	Pion	
??	Soyuz-2-1B	Arktika	
??	Soyuz-2 1B / Fregat -M	Tundra 3	
??	Soyuz-2 1B / Fregat -M	Tundra 4	
??	Rokot / Briz KMGeo IK 2 13L		
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ-7	New generation manned spacecraft	



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??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	40
??	CZ-4B	HY-2D Haiyang-2D	
??	CZ-2C	HY-1D Haiyang-1D	
??	CZ	Sun Fixed-Point Observation	
??	CZ-4B	HY-2C Haiyang-2C	
??	CZ	CBERS-SAR 1	
??	??	Hainan-1 (1)	
??	??	Hainan-1 (2)	
??	??	Hainan-1 (3)	
??	CZ-2D	SJ-12 Shijian-12 (2)	
??	CZ-2D	TH-2 Tianhui-2	
??	CZ-2C	CSES-1 Earthquake electromagnetism monitor satellite	
??	??	VeneSat-2	
??	CZ-3B/E	CC-1 Changcheng-1	
??	CZ	Deep Space Solar Observatory	
??	CZ-2	CAS-2A1, CAS-2A2	
??	CZ-3B/E	CongoSat 1	
??	CZ	FY-3E Fengyun-3E	
??	CZ	FY-4B Fengyun-4B	
??	CZ-??	CAS-4A, CAS-4B	
Launch site: Taiyuan , China			
??	CZ	Orbita-1 1	20
??	KZ-1A	Jilin 1-10	
??	KZ-1A	Jilin 1-11	
??	KZ-1A	Jilin 1-12	
??	??	Taurus-1	
Launch site: Taiyuan , China			
??	CZ-11	LOVEcho	
??	CZ-11	Fengtai Shaonian-02	
??	CZ-2D	NuSat 6, 7, 8	
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	CZ-3C	Tianlian-2 TL-2	
??	CZ-2D	Jilin-2 JL-2	
??	CZ-2D	Jilin-3 JL-3	
??	CZ	Huaizong-1	
??	CZ-11	CAS-6	
??	CZ-2D	GF-7 Gaofen-7	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV	ScatSat, NovaSAR	



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?? [Simorgh](#) [Dosti](#)

Launch site: [Semnan](#), Iran

?? [Safir 1 B](#) Tadbir
 ?? [Safir 3A](#) Pars sepher

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2020.

Jan?? [Falcon 9](#) [Dragon](#) SpX-20

Feb05. [Atlas 5](#) [Solar Orbiter \(SoIo\) \(ESA\)](#)

Feb?? [Atlas 5](#) 402 CST 100 Starliner (USCV-2)
 Cdr: John **Cassada**, Sunita **Williams**

Feb?? H-2B (F10) HTV9

?? [Vega](#) SSMS – 2 (Small Spacecraft Mission Service)

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

Apr15. [Soyuz 2-1A](#) [Soyuz MS 16 \(S62/63\)](#)

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

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 Vehicle)

?? CZ-2F/G SZ-12 Shenzhou-12

?? [Vega](#) CCERES (x3)

May?? [Soyuz-2](#) 1B Progress M-UM

?? [CZ-3B/G2](#) ZX-18 Zhongxing-18

June?? SLS-1 Orion (unmanned trip around the Moon) Exploration Mission 1 (Distant Retrograde Orbit (DRO) Tactical DRM)

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)

July16 [Ariane 62](#) [Galileo-FOC FM23, Galileo-FOC FM24](#)



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- July17.** [Atlas 5](#) (541) [Mars 2020 rover](#)
- 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-3C](#) [Beidou 3 G2Q](#)
 July?? [CZ-5](#) [Mars probe](#) (orbiter + lander + rover)
 July?? [Soyuz-2-1B/Fregat-M](#) Glonass K2 / 14
- ?? Vega-C Pleiades Neo 1, Pleiades Neo 2
 ?? [Ariane 5](#) ViaSat 3 EMEA
- Aug?? [Falcon 9](#) USCV-3 (US Commercial Vehicles)
 CDR: ??(NASA), ??(NASA), ??(RF)
- Aug?? [Falcon 9](#) FT [Dragon](#) SpX-21
 Aug?? [Soyuz-2](#) [Progress MS](#) 14
- Sep?? CZ CBERS-6
 Sep?? [Soyuz-2-1B/Fregat-M](#) Glonass K2 / 15
- ?? CZ-2F/G SZ-13 Shenzhou-13
 ?? [Falcon 9](#) GPS IIIA-5
- Oct21.** **Soyuz 2-1A** [Soyuz MS 17 \(S63/64\)](#)
 CDR: **Иванишин (Ivanishin), Вагнер (Vagner), Bowen**
- Oct?? Vega Proba 3
- Nov?? [Soyuz-2](#) [Progress MS](#) 15
- Dec15.** [Atlas 5](#) **Landsat 9**
- ?? GSLV-Mk III. 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).
- ?? ?? PACE
 ?? ?? EX-4
 ?? ?? ACE
 ?? ?? HypsIRI
 ?? Antares IMAP/STP-05
- ?? [Falcon 9](#) FT [Dragon](#) SpX-22
- ?? [Falcon H](#) ViaSat 3
 ?? [Falcon 9](#) KPLO (Korea Pathfinder Lunar Orbiter)
- ?? [Proton-M](#) HЭM-1
- ?? [Proton-M/ DM-03](#) [Glonass-M/59,60,61](#)
- ?? [Soyuz-2-1B/ Fregat-M](#) Glonass K1 15
 ?? [Soyuz-2](#) 1B /[Fregat-M](#) Glonass K1 / 16
 ?? [Soyuz-2](#) 1B /[Fregat-M](#) Glonass K1 / 17



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??	Proton-M/ DM-03	Glonass-M/ K118,K119,K120
??	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
??	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
??	Soyuz-2 1B / Fregat-M	Resurs N°4
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ N°1
??	Ariane 5	Arsat 3
??	Ariane 5	ViaSat-3 Asia
??	Ariane 5 ECA	EDRS-D
??	??	Seosat-Ingenio-2
??	Soyuz ST B/ Fregat-MT	OneWeb smalsat (x32)
??	Soyuz ST B/ Fregat-MT	OneWeb smalsat (x32)
??	Soyuz ST B/ Fregat-MT	OneWeb smalsat (x32)
??	Vega C Cosmo-SkyMed Secon Gen 2	CSG-2
??	CZ-5	Chang'e-6
??	CZ	Two Meter Space Telescope
??	CZ	FY-4C Fengyun-4C
??	CZ	HY-3B Haiyang-3B
??	CZ-3B/ Palapa 1N	
??	??	Hainan-1 (4)
??	??	Hainan-1 (5)
??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	PSLV	EnMap
??	PSLV XL	Aditya'
??	H-IIA	Hope (UAE mission to Mars)



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?? H-IIA Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
 ?? H-IIA Inmarsat-6 F1

2021.

Feb?? [Atlas 5](#) 402 USCVC-4 (US Commercial Vehicles)

Feb?? [Soyuz-2](#) [Progress MS](#) 16

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

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

?? [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.

?? CZ7 TZ 3 Tianzhou 3 (Logistic Cargo Vehicle)
 ?? [Soyuz-2](#) [Progress MS](#) 17
 ?? CZ-2F/G SZ-14 Shenzhou-14
 ?? 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)

?? [Soyuz ST](#) B/[Fregat](#)-MT EarthCare

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

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

Oct?? [Atlas 5](#) 401/[Falcon 9](#) v1.1 JPSS Free Flyer 2 (TSIS-2)

Dec?? [Vega](#) C KOMPSAT 7

?? [Ariane 5](#) MTG-I1

?? [Atlas 5](#) 552 Dream Chaser Cargo System SNC-2

?? [Falcon 9](#) GPS IIIA-6
 ?? [Falcon 9](#) GPS IIIA-7
 ?? [Falcon 9](#) GPS IIIA-8

?? [Soyuz-2](#) [Progress MS](#) 18
 ?? [Soyuz-2](#)-1B/[Fregat](#)-M Transformable Modul TM

?? [Soyuz-2](#)-1B/[Fregat](#)-M Resurs PM - 2
 ?? [Soyuz-2](#)-1B/[Fregat](#)-M Meteor M No2-4
 ?? [Angara](#) 1.2 [Gonets](#) x 3



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??	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)
??	Soyuz ST B/Fregat-MT	CSO 2 (Composante Spatiale Optique-2)
??	Vega C	Space Rider 2
??	Vega C	CNES/UAE Mars mission
??	Vega-C	Pleiades Neo 3, Pleiades Neo 4
??	CZ	Venus Global Sensing Probe
??	CZ	FY-3G Fengyun-3G (Batch 2)
??	??	Sansha-1 (1)
??	??	Sansha-1 (2)

2022.

Jan??	??	Solar Sentinels
Feb??	Atlas 5 402 / Falcon 9	USCV-6 (US Commercial Vehicles)
??	Soyuz-2	Progress MS 19

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](#)

??	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 \(JUperiter ICy moon Explorer\)](#)

June04. [SLS Block I](#) [Orion: Exploration Mission 2 \(Crew to Cislunar\) Mission\)](#)

June??	Ariane 5	MTG-I2
??	Sunkar ??	
??	Soyuz-2	Progress MS 20



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Aug??	H2B	Phobos sample return
Aug??	Atlas 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
Sep30.	Soyuz-2-1A	Soyuz MS 20
Dec??	Soyuz ST B / Fregat -MT	MetOp-SG B1
Dec??	Vega C	FLEX (Fluorescence Explorer satellite)
??	Sunkar Federatsia (unmaned)	
??	Soyuz-2	Progress MS 21
??	Soyuz-2 1a / Fregat	Luna 26 (Luna-Resurs OA)
??	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
Feb??	Atlas 5 402 / Falcon 9	USCV-8 (US Commercial Vehicles)
Mar30.	Soyuz-2-1A	Soyuz MS 21
??	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
Aug??	Atlas 5 402 / Falcon 9	USCV-9 (US Commercial Vehicles)



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- Sep30.** [Soyuz-2-1A](#) [Soyuz MS 22](#)
- ?? [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.
- ?? [Soyuz-2](#) 1b Luna 27 (Luna-Resurs PA) Testing an adaptive landing mode with a radio-beacon; delivering a rover
- ?? [Proton-M/Briz-M](#) Ekspres – 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
- ?? [Vega](#) C Space Rider 4
- ?? [Soyuz ST](#) B/[Fregat](#)-MT Sentinel-1C
- ?? CZ SPORT (Solar Polar Orbit Radio Telescope)
- ?? CZ FY-4D Fengyun-4D
- ?? [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

2024

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

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

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

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

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

Oct?? EELV GOES-U

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

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



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??	Soyuz-2	Progress MS	25	
??	Soyuz-2	Progress MS	26	
??	Soyuz-2	Progress MS	27	
??	Soyuz-2 1b	Luna28 (Luna-Grunt-1)		delivering a new-generation rover for gathering, analysis and uploading of samples
??	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	
??	Lapan		Pengorbitan-1 (RPS-01) (Indonesia)	

2025

??	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/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
??	CZ		Chang'e-7	(Moon south pole landing)

2026.

June??	Angara A5P/KVTK			A mission to Venus (<i>Venera D</i>) would be launched
??	CZ		Jupiter Orbiter	
??	CZ		Mars Sample Return	
??	CZ		Chang'e-8	(Moon north pole landing)
??	Angara A5/DM03			Bumerang (FobosGrunt 2)

2069.



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