



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (11.3.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 11.Mar.2019.

Mar13. 2258UTC [Delta IV-M \(5,4\)](#) WGS 10

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

Mar14. 1914UTC [Soyuz-2 1A](#) [Soyuz MS 12 \(S59/60\)](#)

CDR: Алексей Николаевич **Овчинин**, (Aleksey Nikolayevich **Ovchinin**), Christina **Hammock Koch**, Tyler N. **Hague**

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

Mar15. 0150UTC [Vega \(VV14\)](#)

[Prisma](#)

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

Mar17. 2230UTC [Electron/Curie](#)

DARPA R3D2

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

Mar25.OS-M1 Lingque 1B

Launch site: [Jiuquan](#), China

Mar29.[Soyuz ST B/Fregat-MT](#) [O3b \(FM17-20\)](#)

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

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Mar?? [KZ-1A](#) ??

Launch site: [Jiuquan](#), China

Mar?? [CZ-3C](#) Tianlian-2 TL-2

?? [Soyuz-2-1B/Fregat M](#) Meridian 18L

?? [CZ-3A](#) [Beidou 3](#) I1Q

?? [CZ-3C](#) [Beidou 3](#) 2G8

Apr01. [PSLV C45](#) EMIsat

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

Apr04. 1101UTC [Soyuz-2](#) [Progress MS 11](#)

Apr05. CZ?? CAS-7A, CAS-7B

Apr17. 2046UTC [Antares 230](#)

[Cygnum OA-11](#)

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

Apr25. 1015UTC [Falcon 9](#)

[Dragon SpX-17](#)

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

Apr?? [GSLV Mk II D9](#) Chandrayaan 2

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

Apr?? 2200UTC [Falcon H](#) Arabsat 6A

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



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Apr??	??	GOES-T	
Apr??	CZ-3A	Beidou 3 I2Q	
Apr??	CZ-2D	SJ-19 Shijan-19	
Apr??	Proton-M/Briz-M	Blagovest 14	
Apr??	PSLV C46	CARTOSAT-3	
Apr??	Vega VV15	Falcon Eye 1	
??	Soyuz-2 1A	Bars-M 3	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
??	Electron	Outernet 2,3	
May10.	Ariane 5 ECA VA248	Eutelsat 7 / DirecTV 10	100
May16.	Falcon 9	Radarsat C-1, -2, C-3	
Launch site: Vandenberg , USA			
May27.	Falcon 9	Amos 17	
May??	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)	
May??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
May??	Proton-M/Briz-M	EutelSat 5 West B / MEV	
May??	Soyuz-2-1B/Fregat	Glomass M/ 58	
May??	Falcon 9	Starlink 1	
??	Cosmic Girl / LauncherOne	Test Launch	
Launch site: Spaceport America , USA			
June01.	PSLV C47	RISAT-2BR1	
June21.	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.		
June22.	CZ-4B	ZY-2D Ziyuan-2D	
Launch site: Taiyuan , China			
June27.	Atlas 5	AEHF 5	
June??	Soyuz-2-1B	Arktika M 1	
Launch site: Восточный (Vostochniy) Cosmodrome, Russia			
June??	CZ-11 - SL	CAS 6	
June??	Proton-M/Briz-M	Ямал-601	
June??	Ariane 5 ECA VA249	Intelsat 39 / GSAT 30	
June??	Falcon Heavy	STP-02, FORMOSAT-7 (6 sat)	
??	KZ-11	Xiaoxiang-4 Jilin-1 (2A), gamma ray burst detection micro satellite, Yinhe, Xianrikui-1A, Xianrikui-1B, Yijian Duoxing, Xingyun-1 (01,02)	
??	Pegasus-XL	ICON (Helio EX-1)	



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

??	CZ-3B/G2	TCSTAR 1	
??	CZ-11	Zhuhai-1 Group-3	80
??	Soyuz-2-1V	??	

July06. **Soyuz FG** **[Soyuz MS 13 \(S60/61\)](#)**
 CDR: Александр Александрович **Скворцов** (Alexander **Skvortsov**), Luca **Parmitano** (ESA), Andrew **Morgan** (NASA)

July08. **[Falcon 9](#)** **[Dragon SpX-18](#)**

July25. **[Delta IV](#)** **GPS IIIA-2**

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

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

July??	Ariane 5 ECA	EDRS-C (Hylas 3)
July??	CZ-3A	Beidou 3 I3Q
July??	CZ-5 Y3	SJ-20 (DFH-5 platform)

Aug22. **[Soyuz-2 1A](#)** **Soyuz 14 GVK**

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

Aug??	SSLV D1	??Two defence sats
Aug??	Vega	SSMS POC (Small Spacecraft Mission Service Proof Of Concept)

??	CZ-3B/E	Apstar-6D
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Sep25. **[Soyuz-2-1A](#)** **[Soyuz MS 15 \(S61/62\)](#)**
 CDR : Олѐг Ива́нович **Скри́почка**, (Oleg Ivanovich **Skripotscka**), Christopher J. **Cassidy**, **Al Mansouri**

Sep??	H-2B (F9)	HTV8
Sep??	GSLV MK II F10	GISAT -1

??	Falcon 9 (SPx-DM2)	Dragon v2
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CDR: Robert **Benkhen**, Doug **Hurley**

??	Atlas 5 551 (AV-086)	AEHF-6	
??	Ariane 5	Inmarsat-5 F5	60
??	Falcon 9	JCsat 18	

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-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
Oct??	Ariane 5 ECA	GSAT-20
Oct??	Atlas 5 551	STP-03



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?? [Atlas 5](#) 422 (AV082) CST-100 Starliner
CDR: Michael **Fincke**, Chris **Ferguson**, Nicole Aunapu **Mann**

?? CZ-4B CBERS-4° A

Nov20. [Proton-M/Briz-M](#) **Elektro L – 3**
 Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

??	Ariane 5	JCSat 17	
??	Ariane 5 ECA	GEO-KOMPSAT-2B , Cheollian 2B	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Falcon 9	SAOCOM-1B, SAOCOM-1C	
??	Kuaizhou-1A	Hainan-1 (1), Hainan-1 (2), Hainan-1 (3)	
??	CZ-6A	Satellogic (1-13)	
??	Vega	Seosat (Ingenio)	
??	Minotaur 1	NROL 111	
??	Falcon 9	SiriusXM SX7	40

Dec04. [Falcon 9](#) FT [Dragon SpX-19](#)

Dec20. [Soyuz-2](#) [Progress MS 13](#)

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

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
Dec??	Falcon 9	GPS IIIA-4
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22
Dec??	Angara A5/ DM3	Kosmos (Persei)

?? [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

?? [Soyuz-2](#)-1B Pion

?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra 3 20
 ?? [Soyuz-2](#) 1B /[Fregat](#)-M Tundra 4

?? [Rokot / Briz KMGeo IK 2](#) 13L
 Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia



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??	CZ-5	Chang'e-5 (Sample return)
??	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-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
??	GSLV MK II F11	GSAT-10A
Launch site: Satish Dhawan Space Centre , Sriharikota, India		
??	PSLV	ScatSat, NovaSAR

3 + 16
12 + 126

2020.

Jan??	Falcon 9	Dragon SpX-20
Jan??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)

?? - inaugural flight - Vega-C - Kourou ZLV

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

Feb??	H-2B (F10)	HTV9
Feb??	CZ-3B/YZ-1	Beidou 3 2GQ
Feb??	Soyuz-2	Progress MS 14

??	Vega	SSMS – 2 (Small Spacecraft Mission Service)
??	Soyuz ST B/ Fregat -MT	OneWeb smalsat (x32)
??	Vega	Falcon Eye 2
??	CZ-5 B	Test flight

Mar??	Delta IV -M	DMSP-5D3 F20
Mar??	Soyuz-2 -1B/ Fregat -M	Glonass K1 / 22



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Mar?? [Atlas 5](#) 551 AFSPC-12 (WFOV (Wide Field of View Testbed missile-warning satellite))

?? [CZ-5](#) Tian He Space Station Core Module **100**
 ?? [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**), **Hoshide**

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
 May?? Ariane 62 CSO-2

?? [Proton-M](#) MLM

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

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)
 June?? [Soyuz-2](#) [Progress MS](#) 15

July16 Ariane 62 OneWeb

July17. Atlas 5 (541) [Mars 2020 rover](#) **80**

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](#) 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
 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



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Sep?? [Soyuz-2](#) [Progress MS](#) 16
 ?? 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
 ?? [Falcon 9](#) SARah 1

Nov?? [Soyuz-2](#) [Progress MS](#) 15
 Nov?? [Soyuz-2](#) 1B / [Fregat](#)-M Resurs №4

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

Dec?? [Soyuz-2](#) [Progress MS](#) 17 60

?? ?? PACE
 ?? ?? EX-4
 ?? ?? ACE
 ?? ?? HypIRI
 ?? Antares IMAP/STP-05

?? [Falcon 9](#) FT [Dragon](#) SpX-22

?? [Falcon H](#) ViaSat 3
 ?? [Falcon 9](#) KPLO (Korea Pathfinder Lunar Orbiter)

?? [Soyuz-2](#)-1B/ [Fregat](#)-M Glonass K1 15
 ?? [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](#) Ekspres AMU 3 / Ekspres AMU 7
 ?? [Proton-M/Briz-M](#) Yenisey A1
 ?? [Proton-M/Briz-M](#) Ямал-501 40
 ?? [Proton-M/Briz-M](#) EutelSat
 ?? [Proton-M/Briz-M](#) Ямал-GK-1
 ?? [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.



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??	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	
??	Soyuz-2-1B/Fregat M	Meridian 19L	
??	Angara 1.2	Kosmos	
??	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	20
??	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)	
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	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	

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2021.

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



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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
??	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 19
??	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)
July??	GSLV-Mk III.	Gaganyaan-2
??	Soyuz ST B/ Fregat -MT	EarthCare
Aug??	Atlas 5 402 / Falcon 9	USCV-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
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
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



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??	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)
??	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	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 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
??	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)
Apr??	CZ-3B/G2	LSTSAT (Nicasat 1)
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 5 402 / Falcon 9	USCV-7 (US Commercial Vehicles)
Aug??	Atlas 5 411	SBIRS-GEO 6
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
??	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)



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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)
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 (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		
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 Vechile)



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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)
??	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
??	??	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		
??	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.		



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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)

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

2069.

?? ?? [Interstellar mission](#)