



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (8.7.2019.)

2019.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in **red**. Last change **08. July 2019**.

July09. 0153GMT [Vega](#) **VV15** **Falcon Eye 1**
Launch site: [Kourou](#), French Guiana

July12. 1231UTC [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

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

July17. 1126UTC [Atlas 5](#) **551** **AEHF 5**
Launch site: [Cape Canaveral](#), USA

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

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

??July22. CZ-2C **Yaogan 30-5**

July24. 1930UTC [Ariane 5](#) **ECA VA249** **Intelsat 39 / EDRS-C (Hylas 3)**
Launch site: [Kourou](#), French Guiana 100

July25. 1455UTC [Delta IV](#) **GPS IIIA-2**
Launch site: [Cape Canaveral](#), USA

July31. 1231UTC [Soyuz-2](#) [Progress MS](#) **12**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan

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

July?? [CZ-3A](#) [Beidou 3](#) **I3Q**

?? [Soyuz-2-1V](#) ??
?? [Soyuz-2-1B/Fregat](#) **Meridian 18L**
?? [Soyuz-2-1B/Fregat](#) **14F01 (Neutron)**

Aug05. 2137UTC [Proton-M/Briz-M](#) **Blagovest 4**
Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan



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Aug15.	CZ-11	Zhuhai-1 Group-3	
Aug22.	Soyuz-2 1A	Soyuz 14 GVK	
Aug22.	CZ-4B	ZY-2D Ziyuan-2D	
Launch site: Taiyuan , China			
Aug??	Falcon 9	Amos 17	
Launch site: Cape Canaveral , USA			
Aug??	Rokot / Briz KMGeo IK 2	13L	
Launch site: Плесецк (Plesetsk) Cosmodrome, Russia			
Aug??	Jielong-1 JL-1	Tianqi-2, CAS-7B/BP-1P	
Launch site: Jiuquan , China			
Aug??	SSLV D1	Two defence sats	
Aug??	PSLV C47	CARTOSAT-3, NEMO-AM	
Aug??	Electron	KSM-1, KSM-2, KSM-3 (Kleos Scouting Mission)	
Aug??	CZ-3B/E	Apstar-6D	
??	KZ-1A	??	
Launch site: Jiuquan , China			
??	CZ-5 Y3	SJ-20 (DFH-5 platform)	
??	PSLV C48 - XL	RISAT-2BR1	80
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			
Sep20.	Astra Space	NLSat-1	
Launch site: Kodiak, USA			
Sep25.	Soyuz-2-1A	Soyuz MS 15 (S61/62)	
CDR : Олѣг Ива́нович Скри́почка , (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	



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

Oct19. [Antares 230](#) [Cygnus 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

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
 ?? [PSLV](#) [HRSAT](#)

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 40

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?? [CZ-3B/YZ-1](#) [Beidou 3](#) MEO M21, [Beidou 3](#) MEO M22
 Dec?? [Angara A5/ Briz M](#) Kosmos
 Dec?? [Falcon 9](#) GPS IIIA-3
 ?? [Atlas 5](#) 551 AFSPC-7 (X-37B OTV 6)



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??		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	
??		Soyuz-2 1B / Fregat -M	Tundra 4	
??		Soyuz-2 -1B/ Fregat -M	Glonass K1 15	
??		Soyuz-2 -1B/ Fregat M	Meridian 19L	20
??		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-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	
??		PSLV	RISAT_1A	
??		PSLV	IRNSS-1J	



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8 + 9
38 + 107

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 \(SoIo\) \(ESA\)](#)

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 Vehicle)

?? 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**



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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	
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)



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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	
??	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	



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??	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)	
??	??	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	

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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



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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 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

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



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??	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-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)
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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](#)**

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](#) Ekspres – AMU 5
 ?? [Proton-M/Briz-M](#) Ekspres – AMU 6
 ?? [Proton-M/Briz-M](#) Ekspres – RV 3, Ekspres – 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)

?? CZ TZ 5 Tianzhou 5 (Logistic Cargo Vechile)



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??	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)
??	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



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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	
??	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	



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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 (<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.

??	??	Interstellar mission
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