



Blog Gorana Hudeca

Predstojeća lansiranja u Svemir (29.01.2018.)

2018.

This list is compilation of reliable and others sources, chosen by my own criteria. Last week changes are in red. Last change 29.Jan.2018.

Jan30. 2125UTC [Falcon 9](#) [SES-16](#)

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

Feb01. 0207UTC [Soyuz-2 1A](#) / Fregat [Kanopus V 3](#), [Kanopus V 4](#)

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

Feb02. 0730UTC [CZ-2D](#) [ZH-1 Zengheng 1](#) ([ESEM experimental satellite on Electromagnetism Monitoring](#)), [Ministar-1](#), [Fengmaniu-1](#), GomX-4B, GomX-4A

Feb03. 0500UTC [SS-520-4](#) [Tricom-1R](#)

Launch site: [Tanegashima](#), Japan

Feb06. 1830UTC [Falcon H](#) **Demo Flight**

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

Feb10. 1422UTC [Falcon 9 FT](#) [PAZ](#)

Launch site: [Vandenberg](#), USA

Feb11. 0858UTC [Soyuz-2 1A](#) [Progress MS 8](#)

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

Feb12. [CZ-3B/YZ-1](#) [Beidou 3 MEO M3](#), [Beidou 3 MEO M4](#)

Launch site: [Xichang](#), China

Feb14. [Falcon 9](#) **Hispasat 30W-6 (1F)**

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

Feb20. [CZ](#) [Taurus-1](#)

Feb25. 0400UTC [H-2A](#) [IGS Optical-6](#)

Launch site: [Tanegashima](#), Japan

Feb28. 1528UTC [Pegasus-XL](#) [ICON \(Helio EX-1\)](#)

Launch site: [Kwajalein Atoll](#), USA

Feb28. [Soyuz-2-1V](#) [Kosmos EMKA](#)

Launch site: Плесецк ([Plesetsk](#)) Cosmodrome, Russia

Feb?? [CZ-2D](#) LKW-4 (LudiKancha Weixing 4)

Feb?? [GSLV](#) Mk II F8 GSAT 6A

Mar01. 2202UTC [Atlas 5 \(541\)](#) [GOES-S](#)

Mar01. [Soyuz ST B/Fregat-MT \(VS18\)](#) [O3b](#)

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

Mar15. [Soyuz-2 1A](#) [Soyuz MS 8 \(S55/56\)](#)

CDR: Олег Германович **Артемьев** (Oleg G. **Artemyev**), Andrew J. **Feustel**, Ricky R. **Arnold**



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Launch site: Байконур ([Baikonur](#)) Cosmodrome, Kazakhstan 160

Mar15. [CZ-3B/G2](#) **APStar-6C**

Mar15. [Proton-M/Briz-M](#) **Blagovest 12**

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

Mar16. [Ariane 5 ECA \(VA242\)](#) **Hylas 4, DSN 1 (Superbird-8)**

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

Mar18. [Falcon 9 FT](#) **[Iridium Next Flight 5 \(x10\)](#)**

Launch site: [Vandenberg](#), USA

??Mar20. [Falcon 9](#) **TESS**

Mar26. [Falcon 9 FT](#) **Bangabandhu-1**

Mar?? [CZ-3B/YZ-1](#) [Beidou 3](#) MEO M5, [Beidou 3](#) MEO M6

Launch site: [Xichang](#), China

Mar?? [CZ-2C](#) Pakistani Remote Sensing Satellite (PRSS) 1

Mar?? LS-1 LandSpace-1 (China)

Mar?? [Soyuz-2 1B /Fregat-M](#) Glonass K1 / 16

Mar?? [Falcon 9 FT](#) SES-12

?? KZ-1A ??

?? KZ-1A ??

?? KZ-1A ??

?? KZ-1A ??

?? [Proton-M/ DM 3](#) Kosmos

?? [PSLV XL \(C41\)](#) IRNSS I

Apr02. [Falcon 9 FT](#) **[Dragon SpX-14](#)**

Apr06. [Rokot / Briz KM](#) **Sentinel 3B**

Apr12. [Atlas 5 551 \(AV81\)](#) **AFSPC-11** 140

Apr14. [Falcon 9](#) **[Iridium Next Flight 6 \(x5\)](#), GRACE FO_1, FO_2**

Launch site: [Vandenberg](#), USA

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

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

Apr?? [Ariane 5 ECA \(VA243\)](#) GSAT-11, Azerspace 2 (Intelsat 38)

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

Apr?? [H-2A](#) GOSAT-2

Apr?? [CZ-4B](#) GF-5 Gaofen-5

Apr?? [Soyuz-2-1B/Fregat](#) Glonass K2

?? [Falcon 9](#) Telstar 18

?? [Falcon 9](#) Telstar 19

May01. [Antares 230](#) **[Cygnum Orb-9E](#)**



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May01.	Vega (VV12)	Aeolus / ADM	
May05.	Atlas 5 401	InSight	
	Launch site: Vandenberg , USA		
May??	Falcon 9	GPS III-1	
May??	Soyuz-2-1B/ Fregat-M	Glonass M	
??	Falcon 9 FT	Iridium Next Flight 7 (x10)	
??	CZ-3B/YZ-1	Beidou 3 MEO M7, Beidou 3 MEO M8	
??	CZ-3B/E	SupremeSAT-II	
??	Falcon 9	Spaceflight SSO-A	
??	Falcon 9 FT	Telkom 4	
June06.	Soyuz-2 1A Soyuz MS 9 (S56/57)		
	CDR: Сергей Валерьевич Прокопьев (Sergei Valerevich Prokopyev), Jeanette J. Epps , Alexander Gerst		
June09.	Falcon 9 FT	Dragon SpX-15	120
June30.	Falcon 9	SAOCAM-1A, ITASAT-1	
June??	Rokot / Briz KM	Gonets x 3 (No 24,25,26), Blits-M	
	Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
June??	Rokot / Briz KM Geo IK 2		
	Launch site: Плесецк (Plesetsk) Cosmodrome, Russia		
June??	CZ-3B/G2	L2 Chang'e 4 communications relay satellite	
June??	??	Tianzhi-1	
June??	CZ-7	New generation manned spacecraft	
June??	Soyuz-2 1B / Fregat-M	Glonass K1	
June??	GSLV MK III D2	GSAT-29	
??	Vega	TARANIS	
??	Vega	Prisma	
??	KZ-11	Xiaoxiang-4	
??	Falcon 9 FT	Es'hail 2	
??	Falcon Heavy	STP-02	
July10.	Soyuz-2 1A	Progress MS 9	
July31.	Delta 4-H	Parker Solar Probe	
July??	PSLV	Cartosat-3	
July??	Ariane 5 ES	Galileo-FOC FM19 (Tara), Galileo-FOC FM20 (Samuel), Galileo-FOC FM21	
(Anna), Galileo-FOC FM22 (Ellen)			
July??	Soyuz-2-1B/Fregat-M	Glonass-M	
July??	Soyuz-2 1A	Bars-M 3	
??	Falcon H	Arabsat 6A	100
??	Falcon 9	PSN VI	
??	CZ-3B/YZ-1	Beidou 3 MEO M9, Beidou 3 MEO M10	
??	Ariane 5 ECA	GEO-KOMPSAT-2A	
??	Falcon 9	Iridium Next Flight 8 (x10)	



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Aug16.	H-2B (F7)	HTV7
Aug19.	Soyuz ST B / Fregat-MT	OneWeb smalsat (x32)
Aug27.	Atlas 5 N22 (AV80)	CST-100 Starliner (unmanned test)
Aug27.	Falcon 9 (SPx-DM1)	Dragon v2 unmanned test
Aug??	CZ-3C	Beidou 2 I7
Aug??	CZ-2C	CFOSAT (China-France Oceanography SATellite)
Aug??	CZ-11	OKW-2
Aug??	Soyuz-2 1B / Fregat-M	Glonass M
Aug??	Soyuz-2 1A	Energiya-100
Aug??	Proton-M / DM-03	Glonass-M
Sep12.	Delta II 7320-10C	ICESat-II
Sep14.	Soyuz-2 1A	Soyuz MS 10 (S57/58)
CDR: Алексей Николаевич Овчинин (Aleksei Nikolaevich Ovchinin), Николай Владимирович Тихонов (Nikolai Vladimirovich Tikhonov), Tyler Hague		
Sep15.	Delta 4-H	NROL-71
Sep??	CZ-3B /YZ-1	Beidou 3 MEO M15, Beidou 3 MEO M16
Sep??	Proton-M / DM-03	Glonass K
Sep??	Soyuz-2 -1B	Arktika 80
??	Ariane 5 ECA	EDRS-C (Hylas 3)
??	Ariane 5 ECA	Intelsat 7C
??	Falcon 9	Radarsat C-1, -2, C-3
??	Falcon 9	OHB SARah satellite (x2)
??	CZ-5 Y3	SJ-18 02
??	Ariane 5 ECA	Hellas-Sat-4
Oct05.	Ariane 5	BepiColombo ESA and ISAS Mercury Orbiters
Oct11.	Soyuz-2	Progress MS 10
Oct18.	Atlas 5 (531) (AV073)	AEHF-4
Oct??	CZ-3C	Beidou 3 G1Q
Oct??	Soyuz-2 1B / Fregat-M	Glonass M
Oct??	Soyuz-2 1A / Fregat	Kanopus V 5, Kanopus V 6
??	Ariane 5 ECA	Intelsat 39
??	Ariane 5	Horizon 3e
Nov01.	Delta IV-M (5,4)	WGS 10
Nov08.	Antares 230	Cygnum Orb-10E
Nov15.	Soyuz-2 1A	Soyuz MS 11 (S58/59)
CDR: Олэг Дмїтриевич Кононенко (Oleg Dmitrievich Kononenko), Serena Auñón-Chancellor , David Saint-Jaques		
Nov16.	Falcon 9 FT	Dragon SpX-16



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Nov?? [Atlas 5](#) 422 (AV082) CST-100 Starliner

CDR: Douglas **Hurley**, Robert **Behnken**

Nov?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs №4 60

Nov?? [Soyuz-2](#)-1B/[Fregat](#)-M Meteor M-2-2, Ionosfera 3, Ionosfera 4

Nov?? [Soyuz-2](#)-1B/[Fregat](#)-M Kondor-FKA n.º 1

Nov?? [Proton-M](#)/[Briz-M](#) Ekspres AMU 3 / Ekspres AMU 7

?? [Epsilon](#) (4) Inovative Technology Demonstration Satellite – 1, OrigamiSat-1

Launch site: [Tanegashima](#), Japan

?? Minotaur 1

NROL 111

?? [Falcon 9](#)

Spaceflight GTO.C

?? [CZ-2D](#)

GF-7 Gaofen-7

?? [CZ-3B/E](#)

Apstar-6D

Dec20.

[Proton-M](#)

MLM

Dec?? [CZ-3B](#)/GIII

Chang'e-4 (Moon far side Aitken Basin lander/rover)

Dec?? [CZ-3B](#)/YZ-1

Beidou 3 MEO M17, Beidou 3 MEO M18

Dec?? ??

Korean Pathfinder Lunar Orbiter

Dec?? [Soyuz ST](#) B/[Fregat](#)-MT CHEOPS (Characterising ExOPlanet Satellite)

Dec?? [Soyuz ST](#) B/[Fregat](#)-M MetOp-C

Dec?? [Proton-M](#)/[Briz-M](#) Elektro L – 3

Dec?? [Proton-M](#)/[Briz-M](#) EutelSat 5 West B / MEV

Dec?? [Proton-M](#)/[Briz-M](#) Ямал-601

Dec?? [Soyuz ST](#) B/[Fregat](#)-MT OneWeb smalsat (x10)

Dec?? [Soyuz-2](#)-1B/ [Fregat](#)-M Glonass K

Dec?? [Soyuz-2](#)-1B/ [Fregat](#)-M Glonass K2

40

?? [Ariane 5](#)

Heinrich Hertz

?? Minotaur-4

FORMOSAT-7 (6 sat)

?? [Atlas 5](#)

AEHF 5

?? [Vega](#) MN35-13 B [Morocco EO Sat 1 2](#)

?? [CZ-3B](#)/YZ-1 Beidou 3 MEO M11, Beidou 3 MEO M12

?? [CZ-3B](#)/YZ-1 Beidou 3 MEO M13, Beidou 3 MEO M14

?? [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 CBERS-SAR 1

?? CZ Deep Space Solar Observatory

?? CZ CBERS-4B

?? CZ-2 CAS-2A1, CAS-2A2

?? [CZ-3B/E](#) CongoSat 1

?? ?? Small Military Meteorological Satellite (x6)

?? CZ FY-3E Fengyun-3E

?? CZ FY-4B Fengyun-4B



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?? [CZ-4B](#) [Haiyang-1C](#) HY-1C
 Launch site: [Taiyuan](#), China 20

?? CZ-?? [CAS-4A, CAS-4B](#)
 Launch site: [Taiyuan](#), China

?? CZ-4B HY-1D Haiyang-1D
 ?? CZ-4B HY-2B Haiyang-2B

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

?? CZ Orbita-1 1
 ?? ?? LJ-1 Luojia-1
 ?? CZ Huaizong-1

?? [CZ-3B](#)/YZ-1 ZX-6C Zhongxing-6C
 ?? [CZ-3A](#) FY-2H Fengyun-2H
 ?? [CZ-2D](#) GF-6 Gaofen-6
 ?? [CZ-2D](#) SaudiSAT 5B
 ?? CZ YG-32 [Yaogan Weixing](#) 32

?? [GSLV](#) MK II F12 GSAT-7A
 ?? [GSLV](#) MK II F10 GISAT

?? [PSLV](#) EnMap

?? [Simorgh](#) [Dosti](#)
 Launch site: [Semnan](#), Iran

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

?? [Unha-3](#) Kwangmyŏngsŏng-5

?? Tronador II/VEX5 TBD (suborbital)
 Launch site: Puerto Belgrano, Argentina

1 + 28
 12 + 177

2019.

?? [Falcon 9](#) GiSat-1

?? [Falcon 9](#) (SPx-DM2) Dragon v2

CDR: Eric **Boe**, Sunita **Williams**

Feb01. [Falcon 9](#) [Dragon SpX-17](#)

Feb06. [Soyuz-2](#) [Progress MS 11](#) 100

Feb?? [CZ-3C](#) Beidou 3 I1Q
 Feb?? [Atlas 5](#) [Solar Orbiter](#) (SolO) (ESA)
 Feb?? [Atlas 5](#) 551 (AV-086) AEHF-6



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Feb?? [Delta IV](#) GPS IIIA-2

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

Mar07. [Soyuz-2 1A](#) [Soyuz MS 12 \(S59/60\)](#)

CDR: Олѣг Ива́нович **Скрѣпочка**, (Oleg Ivanovich **Skripotscka**), Андрѣй Николаѣвич **Ба́бкин** (Andrei Nikolaevich **Babkin**), Shannon **Walker**

Mar?? [Ariane 5](#) ECA GEO-KOMPSAT-2B , Cheollian 2B

?? [Soyuz ST](#) B/[Fregat](#)-MT OneWeb smalsat (x32)
?? [Soyuz-2-1B/Fregat](#) Glonass K2 / 13

Apr?? [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.

Apr?? ?? GOES-T
Apr?? [CZ-3B/E](#) Nicasat 1
Apr?? [CZ-3C](#) Beidou 3 I2Q
Apr?? [Atlas 5](#) 531 [Cygnus](#) OA-11

?? CZ7 TZ 2 Tianzhou 2 (Logistic Cargo Vehicle)
?? [Falcon 9](#) Dragon v2 (USCV-1) with 2 astronauts

May?? [Atlas 5](#) 402 CST 100 Starliner (USCV-2) with 2 astronauts
May?? [Soyuz-2](#) [Progress MS](#) 12
May?? [Falcon 9](#) FT [Dragon](#) SpX-18 **80**

June?? [Atlas 5](#) 551 STP-03
June?? [Ariane 5](#) ES JWST (James Webb Space Telescope)

?? [PSLV](#) RISAT 1A
?? [CZ-3B/G2](#) TECSTAR 1
?? [Vega](#) Cosmo-SkyMed Secon Gen 1 CSG-1
?? SSLV ??

July?? [CZ-3C](#) Beidou 3 I3Q
July?? H-2B (F9) HTV8

?? [Ariane 5](#) Inmarsat-5 F5
?? [Falcon 9](#) GPS IIIA-3

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

Sep30. [Soyuz-2 1A](#) [Soyuz MS 13 \(S60/61\)](#)

CDR: Александр Александрович **Скворцов** (Aleksandr Aleksandrovich **Skvortsov**), Luca **Parmitano** (ESA), Anne **McClain** (NASA)

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?? [Soyuz-2](#) 1B /[Fregat](#)-M Resurs №5
Oct?? [Atlas 5](#) 552 Dream Chaser Cargo System SNC-1
Oct?? [Soyuz-2](#) [Progress MS](#) 13



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Oct??	Falcon 9 FT	Dragon SpX-19	
Nov14.	Soyuz-2 1B	Progress M-UM	
Nov29.	Soyuz-2 1a / Fregat	Luna 25 (Luna-Glob-1)	60
Nov??	Falcon 9	USCV-3 (US Commercial Vehicles)	
??	Soyuz-2-1B/Fregat-M	Glonass K2 / 14	
??	Proton-M/Briz-M	Blagovest 14	
??	Falcon 9	GPS IIIA-4	
??	Vega	Seosat (Ingenio)	
Dec??	CZ-3B/YZ-1	Beidou 3 MEO M21, Beidou 3 MEO M22	
Dec??	Proton-M/Briz-M	Ekspress 80, Ekspress 103	
??	Falcon H	Circumlunar Dragon V2	
??	Atlas 5 551	AFSPC-7 (X-37B OTV 6)	
??	Falcon 9	Astrium active SARah satellite	
??	Atlas 5 551	Asteroid Retrieval Spacecraft (ARS)	
??	??	EX-3	
??	Vega	Jason-CS A	
??	Vega	OpSis	
??	Vega	VNREDSat	
??	Vega	LOTUSat	
??	Ariane 5 ECA	Eutelsat Quantum	
??	Ariane 5 ECA	African Broadband Satellite	
??	Soyuz ST / Vega	MicroCarb	
??	Soyuz ST B/ Fregat -MT	Sentinel-1C	40
??	Ariane 5	ViaSat-3	
??	Ariane 5	JCSat 17	
??	Proton-M/Briz-M	SkyTerra 2	
??	Proton-M/Briz-M	Luch 5M	
??	Proton-M/Briz-M	Yenisey A1	
??	Proton-M/ DM-03	Glonass-M/ 56,57,58	
??	Soyuz-2 1B / Fregat -M	Glonass K1 / 17	
??	Proton-M/ DM-03	Glonass-M/ K18,K19,K20	
??	Proton-M/ DM-03	Glonass-M/ K21,K22,K23	
??	Proton-M/Briz-M	Ямал-501	
??	Proton-M/Briz-M	EutelSat	
??	Proton-M/Briz-M	IntelSat	
??	Soyuz-2-1B/Fregat M	Meridian 19L	
??	Soyuz-2-	Razdan 1	
??	Angara A5/ Briz-M	Kosmos	
??	Angara 1.2	Kosmos	
??	Proton-M/Briz-M	Kosmos	



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??	Proton-M/Briz-M	Blagovest 13	
??	Proton-M/Briz-M	Ямал-GK-1	
??	Proton-M/Briz-M	EgyptSat 3	20
??	Proton-M/Briz-M	Anik G2V	
??	Proton-M	PTK NP	
??	Soyuz-2-1B/Fregat M	Meridian 18L	
??	Soyuz-2-1B	Obzor R -1	
??	Soyuz-2-1B	Pion	
??	Soyuz ST	CSO 1	
??	Soyuz ST B/Fregat-MT	OneWeb smalsat (x32)	
??	Zenit 3 SL /Fregat-SB	Lybid'	
Launch site: Байконур (Baikonur) Cosmodrome, Kazakhstan			
??	CZ-5	Chang'e-5 (Sample return)	
??	CZ	FY-3F Fengyun-3F (Batch 2)	
??	CZ	FY-3 Fengyun-3 RM-2	
??	CZ-4B	HY-2D Haiyang-2D	
??	CZ	Sun Fixed-Point Observation	
??	CZ-4B	HY-2C Haiyang-2C	
??	??	Hainan-1 (1)	
??	??	Hainan-1 (2)	
??	??	Hainan-1 (3)	
??	GSLV MK II F11	GSAT-10A	
Launch site: Satish Dhawan Space Centre , Sriharikota, India			
??	PSLV XL	Aditya'	
??	PSLV	ScatSat, NovaSAR	

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2020.

Jan??	Falcon 9	Dragon SpX-20
Feb??	H-2B (F10)	HTV9
Feb??	Falcon 9 FT	Dragon SpX-21
Mar30.	Soyuz 2-1A	Soyuz MS 14 (S61/62)
Soichi Noguchi		
Mar??	Delta IV-M	DMSP-5D3 F20
Mar??	Soyuz-2-1B/Fregat-M	Glonass K1 / 22
??	CZ-5	Tian He Space Station Core Module



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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)	
??	CZ-5B	Wentian Lab module Space station module
??	CZ-2F/G	SZ-12 Shenzhou-12
May??	Atlas 5 402	USCV-4 (US Commercial Vehicles)
??	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	MTG-S1/Sentinel-4A
June??	CZ-3C	Beidou 3 G3Q
June??	Vega_C	Space Rider flight 1
July16	Ariane 62	Galileo-FOC FM23, Galileo-FOC FM24
July24.	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 2018. A Russian-built entry, descent and landing package will shepherd the rover to the red planet's surface.
July??	Atlas 5 (541)	Mars 2020 rover NASA's exit from a joint sample-collection campaign with Europe aims to send a \$700 million mission to the red planet in 2018 or 2020. The replanned Mars mission, referred to in budget documents as Mars Next Generation, will carry a price tag that falls somewhere between that of the 2013 Maven Scout mission and the 2005 Mars Reconnaissance Orbiter, which cost \$485 million, and more than \$720 million, respectively.
July??	CZ-3C	Beidou 3 G2Q
??	CZ 5	Mars probe (orbiter + lander + rover)
??	Vega-C Pleiades Neo 1, Pleiades Neo 2	
Sep30.	Soyuz 2-1A	Soyuz MS 15 (S62/63)
Sep??	CZ	CBERS-6
Sep??	Soyuz-2-1B/Fregat-M	Glionass K2 / 15
??	CZ-2F/G	SZ-13 Shenzhou-13
??	Falcon 9	GPS IIIA-5
Oct??	Vega	Proba 3
Nov??	Atlas 5 402 / Falcon 9	USCV-5 (US Commercial Vehicles)
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).
??	??	SWOT
??	??	PACE
??	??	EX-4
??	??	ACE



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??	??	HyspIRI
??	Antares	IMAP/STP-05
??	Falcon 9 FT	Dragon SpX-22
??	Antares 230	Cygnus OA-12
??	Falcon H	ViaSat 3
??	Falcon 9	KPLO (Korea Pathfinder Lunar Orbiter)
??	Proton-M	HЭM-1
??	Soyuz-2	Progress MS 14
??	Soyuz-2	Progress MS 15
??	Soyuz-2	Progress MS 16
??	Soyuz-2-1B/Fregat-M	Glonass M 55
??	Soyuz-2-1B/Fregat-M	Glonass-M/ 53
??	Soyuz-2-1B/Fregat	Glonass M/ 58
??	Soyuz-2-1B/Fregat	Glonass M / 59
??	Soyuz-2-1B/Fregat-M	Resurs PM - 1
??	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
??	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
??	??	Zond
??	??	MKA PN6 (Monika)
??	??	Картограф-ОЭ №1
??	Vega	Sentinel-2C
??	Vega	Sentinel-3C
??	??	Seosat-Ingenio-2
??	??	EPS-SG-b
??	Ariane 5	Arsat 3
??	CZ5	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)



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??	??	Hainan-1 (6)
??	??	Sanya-1 (1)
??	??	Sanya-1 (2)
??	GSLV MK III	MOM-2 Follow on Mars Mission
??	H-IIA	Hope (UAE mission to Mars)
??	H-IIA	Astro H2 (Hitomi-2), SLIM (Smart Lander for Investigating Moon)
??	H-IIA	Inmarsat-6 F1

2021.

Jan ?? Ariane 62 Galileo-FOC FM25, Galileo-FOC FM26

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

Mar30. [Soyuz-2-1A](#) [Soyuz MS](#) 16

Apr?? [Soyuz ST](#) B/[Fregat](#) M MarcoPolo-R

May?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-6 (US Commercial Vehicles)

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 18
??	CZ-2F/G	SZ-14 Shenzhou-14

July??	Vulcan/Minotaur 6/ Falcon 9 v1.1	JPSS-2
July??	Vega	Biomass

Sep30. [Soyuz-2-1A](#) [Soyuz MS](#) 17

Sep?? [Soyuz ST](#) B/[Fregat](#)-MT MetOp-SG A1/EPS-SG-a/Sentinel-5A

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

Nov?? [Atlas 5](#) 402 / [Falcon 9](#) USCV-7 (US Commercial Vehicles)

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

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

?? SLS Block I Europa Clipper

??	Falcon 9	GPS IIIA-6
??	Falcon 9	GPS IIIA-7
??	Falcon 9	GPS IIIA-8

??	Soyuz-2	Progress MS 19
??	Soyuz-2 -1B/ Fregat -M	Transformable Modul TM

?? [Soyuz-2](#) 1a / [Fregat](#) [Luna 26](#) (Luna-Resurs OA)



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??	Soyuz-2-1B/Fregat-M	Resurs PM - 2
??	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
??	Vega	Sentinel-1A 2nd Gen
??	Vega	Space Rider
??	Soyuz ST / Vega	Merlin
??	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 20](#)

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 18](#)

??	CZ7	TZ 4 Tianzhou 4 (Logistic Cargo Vehicle)
??	CZ-5B	Xuntian Lab module Space station module
??	CZ-2F/G	SZ-15 Shenzhou-15

May?? [Atlas 5 402 / Falcon 9](#) USCV-8 (US Commercial Vehicles)

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

June??	Ariane 5ECA	JUICE (JUperiter ICy moon Explorer)
June??	Ariane 5	MTG-I2

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

Aug?? H2B Phobos sample return

Sep30. [Soyuz-2-1A](#) [Soyuz MS 19](#)

Sep?? [Soyuz ST B/Fregat-MT](#) MetOp-SG B1

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



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??		Sunkar Federatsia (unmaned)	
??	Soyuz-2	Progress MS 22	
??	Soyuz-2 1b	Luna 27 (Luna-Resurs PA)	Testing an adaptive landing mode with a radio-beacon; delivering a rover
??	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
??	Ariane 5		Moon's south pole samples return mission
??	Vega		Jason-CS B
??	Ariane 5		ATHENA
??	CZ	HY-3C Haiyang-3C	

2023.

?? [Soyuz-2](#) [Progress MS 23](#)

Mar30. [Soyuz-2-1A](#) [Soyuz MS 20](#)

?? CZ7 TZ 5 Tianzhou 5 (Logistic Cargo Vehicle)
 ?? CZ-2F/G SZ-16 Shenzhou-16

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

?? [Soyuz-2](#) [Progress MS 24](#)

Sep30. [Soyuz-2-1A](#) [Soyuz MS 21](#)

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

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

?? 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



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??	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	Sentinel-2A 2nd Gen
??	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		
Mar30.	Soyuz-2-1A	Soyuz MS 22
??	CZ7	TZ 6 Tianzhou 6 (Logistic Cargo Vehicle)
May??	Atlas 5 402 / Falcon 9	USCV-12 (US Commercial Vehicles)
Sep30.	Soyuz-2-1A	Soyuz MS 23
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 26
??	Soyuz-2	Progress MS 27
??	Soyuz-2	Progress MS 28
??	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



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?? Lapan Pengorbitan-1 (RPS-01) (Indonesia)

2025

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

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

?? [Soyuz-2](#) [Progress MS](#) 29

?? [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 (*Venera D*) would be launched

?? CZ Jupiter Orbiter

?? CZ Mars Sample Return

?? CZ Chang'e-8 (Moon north pole landing)

?? [Angara](#) A5P/DM03 Bumerang (FobosGrunt 2)

2069.

?? ?? [Interstellar mission](#)