Additions and Deletions for the 10-1-19 Release

This version of the Database includes launches through September 30, 2019. There are currently 2,218 active satellites in the database. The changes to this version of the database include:

• The addition of 209 satellites

• The deletion of 53 satellites

• The addition of and corrections to some satellite data

Satellites Removed

UFO-6 (USA 114) – 1995-057A
Iridium 24 – 1998-010C
CXBN-2 – 1998-067LM
PHOENIX – 1998-067LP
Altair-1 – 1998-067LS
SHARC – 1998-067LT
DebrisSat-2 – 1998-067PR
TechEdSat-8 – 1998-067PY
CSUNSAT – 1998-067LW
Duchifat-2 – 1998-067LZ
NJUST-1 – 1998-067MB
Exalta-1 – 1998-067MP
Aoxiang-1 – 1998-067MQ
BeEagleSat – 1998-067MR
TOKI – 1998-067MU
BIRD MM -- 1998-067MW
BRAC ONNESHA – 1998-067MX
Nigeria Edusat-1 – 1998-067MY
EnduroSat-1 – 1998-067NZ
Iridium 61 – 1998-018B
Glonass 715 (Cosmos 2424) – 2006-062C
Fengyun 2E – 2008-066A
BeeSat-1 – 2009-051C
Glonass 734 (Cosmos 2458) -- 2009-070C
Beidou G3 – 2010-024A
Jugnu – 2011-058B
BeeSat-2 – 2013-015G
CUSat-1 – 2013-055B
Antelsat – 2014-033AA
QB50P1 -- 2014-033R
ParkinsonSat-1 – 2015-025D
NUDTPhonesat – 2015-049B
Galassia -- 2015-077E
Intelsat 29E – 2016-004A
Sathyabamasat – 2016-040B
Tiangong-2 – 2016-057A
Aerocube 8C – 2016-067D
Kaidun-1 – 2017-002C

BGUSat – 2017-008BD
UCLSat -- 2017-036A
Lituanicasat-2 -- 2017-036D
SUCHAI – 2017-036Z
skCube – 2017-036AA
MiRaTA – 2017-073C
MakerSat 0 -- 2017-073D
Picsat – 2018-004X
Surfsat – 2018-070B
ITASAT-1 – 2018-099AE
Audacy Zero – 2018-099BE
NMTSat – 2018-104C
ALBus – 2018-104L
OrigamiSat-1 -- 2019-003B
SpaceCube – 1998-067LY

Satellites Added

Tianqi-1 – 2018-083G
EMISat – 2019-018A
Dove 4a-1 – 2019-018B
Dove 4a-2 – 2019-018C
Dove 4a-3 –2019-018D
Dove 4a-4 – 2019-018E
Astrocast 02 – 2019-018F
Lemur-2-JohanLoran – 2019-018G
Lemur-2-Beaudacious – 2019-018H
Lemur-2-Elham – 2019-018J
Lemur-2-Victor-Andrew – 2019-018K
Dove 4a-17 – 2019-018L
Dove 4a-18 – 2019-018M
Dove 4a-19 – 2019-018N
Dove 4a-20 – 2019-018P
Dove 4a-8 – 2019-018Q
Dove 4a-7 – 2019-018R
Dove 4a-6 – 2019-018S
Dove 4a-5 – 2019-018T
Dove 4a-11 – 2019-018U
Dove 4a-10 – 2019-018V
Dove 4a-9 – 2019-018W
Dove 4a-16 – 2019-018X
Dove 4a-15 – 2019-018Y
Dove 4a-14 – 2019-018Z
Dove 4a-13 – 2019-018AA
AISTECHSAT 3 – 2019-018AB
Bluewalker 1 – 2019-018AD
Dove 4a-12 –2019-018AE
MP6 – 2019-018AF
O3b FM20 – 2019-020A
O3b FM19 – 2019-020B
O3B FM18 – 2019-020C

O3b FM17 – 2019-020D
Arabsat 6A – 2019-021A
Aerocube 10B – 2019-022C
Aerocube 10A – 2019-022D
Beidou DW 44 -- 2019-023A
Tianhui 2-01 – 2019-024A
Tianhui 2-02 – 2019-024B
SPARC-1 – 2019-026B
Harbinger – 2019-026E
Beidou DW 45 – 2019-027A
RISAT 2B – 2019-028A
Starlink-31 – 2019-029A
Starlink-22 – 2019-029B
Starlink-23 – 2019-029C
Starlink-24 – 2019-029D
Starlink-25 – 2019-029E
Starlink-26 – 2019-029F
Starlink-27 – 2019-029G
Starlink-28 – 2019-029H
Starlink-29 – 2019-029J
Starlink-30 – 2019-029K
Starlink-21 – 2019-029L
Starlink-46 – 2019-029M
Starlink-33 – 2019-029N
Starlink-34 – 2019-029P
Starlink-61 – 2019-029Q
Starlink-36 – 2019-029R
Starlink-37 – 2019-029S
Starlink-71 – 2019-029T
Starlink-39 – 2019-029U
Starlink-32 – 2019-029V
Starlink-66 – 2019-029W
Starlink-42 – 2019-029X
Starlink-43 – 2019-029Y
Starlink-40 – 2019-029Z
Starlink-45– 2019-029AB
Starlink-44 – 2019-029AC
Starlink-49 – 2019-029AD
Starlink-72 – 2019-029AE
Starlink-35 – 2019-029AF
Starlink-63 – 2019-029AG
Starlink-54 – 2019-029AH
Starlink-69 – 2019-029AJ
Starlink-55 – 2019-029AK
Starlink-57 – 2019-029AL
Starlink-58 – 2019-029AM
Starlink-59 – 2019-029AN
Starlink-51 – 2019-029AP
Starlink-62 – 2019-029AR
Starlink-64 – 2019-029AS
Starlink-65 – 2019-029AT

Starlink-41 – 2019-029AU
Starlink-67 – 2019-029AV
Starlink-68 – 2019-029AW
Starlink-38 – 2019-029AX
Starlink-70 – 2019-029AY
Starlink-56 – 2019-029BA
Starlink-73 – 2019-029BB
Starlink-50 – 2019-029BC
Starlink-75 – 2019-029BD
Starlink-76 – 2019-029BE
Starlink-79 – 2019-029BF
Starlink-48 – 2019-029BG
Starlink-78 – 2019-029BH
Starlink-77 – 2019-029BJ
Starlink-81 – 2019-029BK
Starlink-74 – 2019-029BL
Starlink-53 – 2019-029BM
Glonass 758 (Cosmos 2534) – 2019-030A
Yamal-601 – 2019-031A
Jilin-1-03A – 2019-032A
Tianqi-3 – 2019-032B
Bufeng-1A – 2019-032C
Xiaoxiang-1-04 – 2019-032D
Bufeng-1B – 2019-032E
Tianxiang-1 – 2019-032F
Tianxiang-2 – 2019-032G
RCM-1 – 2019-033A
RCM-2 – 2019-033B
RCM-3 – 2019-033C
AT&T T16 – 2019-034A
Eutelsat 7C – 2019-034B
Beidou DW46 – 2019-035A
Prox-1 -- 2019-036A
NPSat-1 – 2019-036B
OTB-1 – 2019-036C
GPIM – 2019-036D
COSMIC 2-3 – 2019-036E
DSX – 2019-036F
TEPCE – 2019-036H
Falconsat-7 – 2019-036J
E-TBEx A – 2019-036K
COSMIC 2-1 – 2019-036L
COSMIC 2-2 – 2019-036N
COSMIC 2-4 – 2019-036M
ARMADILLO – 2019-036P
ParkinsonSat-2 – 2019-036R
BRICSat-2 – 2019-036S
Oculus-ASR – 2019-036T
COSMIC 2-5 – 2019-036V
COSMIC 2-6 – 2019-036Q
E-TBEx B – 2019-036W

LEO CP9 – 2019-036X
Prometheus 2.6 – 2019-036AB
Painani-1 – 2019-037A
Prometheus 2.9 – 2019-037B
BlackSky Global 3 – 2019-037C
SpaceBEE 9 – 2019-037F
SpaceBEE 8 – 2019-037G
Prometheus 2.7 – 2019-037K
Meteor-M 2-2 – 2019-038A
ICEYE-X5 – 2019-038C
ICEYE-X4 – 2019-038D
NSLSat-1 – 2019-038E
JAISAT-1 – 2019-038F
VDNH-80 – 2019-038G
LightSat – 2019-038H
AmGU-1 – 2019-038J
Ecuador-UTE – 2019-038K
Lemur-2-LillyJo – 2019-038L
Move-IIb – 2019-038N
SONATE – 2019-038Q
Lemur-2-Wanli – 2019-038S
Lemur-2-Morag – 2019-038T
Sokrat – 2019-038U
Lemur-2-DustInTheWind – 2019-038V
Lucky-7 – 2019-038W
Lemur-2-Alex-Maddy – 2019-038X
El Camino Real – 2019-038Y
Lemur-2-EJatta – 2019-038Z
Exoconnect – 2019-038AA
Lemur-2-GregRobinson – 2019-038AB
BeeSat-9 – 2019-038AC
Lemur-2-Yndrd – 2019-038AE
Cosmos-2535 – 2019-039A
Cosmos-2536 – 2019-039D
Cosmos-2537 – 2019-039B
Cosmos-2538 – 2019-039C
Yaogan 30-5-1 – 2019-045A
Yaogan 30-5-2 – 2019-045B
Yaogan 30-5-3 – 2019-045C
Meridian 8 – 2019-046A
Blagovest-14L (Cosmos 2539) – 2019-048A
EDRS-C – 2019-049A
Intelsat-39 – 2019-049B
Amos 17 – 2019-050A
AEHF-5 (USA 292) – 2019-051A
TDO – 2019-051B
Qiancheng-01 – 2019-052A
Tianqi-2 – 2019-052B
Xingshidai-5 – 2019-052C
BRO-One – 2019-054A
Pearl White 1 – 2019-054C

Pearl White 2 – 2019-054D
BlackSky Global 4 – 2019-054E
Navstar GPS III-2 (USA 293) – 2019-056A
Geo-IK-2 No.13L (Cosmos 2540) – 2019-057A
Xiaoxiang 1-07 – 2019-058A
KX-09 – 2019-058B
Ziyuan 1-2D – 2019-059A
Jingshi 1 – 2019-059B
Zhuhai-1 OVS-03 – 2019-060A
Zhuhai-1 (OHS 5) – 2019-060C
Zhuhai-1 (OHS 6) – 2019-060D
Zhuhai-1 (OHS 7) – 2019-060E
Zhuhai-1 (OHS 8) – 2019-060F
Beidou 3M23 – 2019-061A
Beidou 3M24 – 2019-061B
Yunhai 1-2 – 2019-063A

Released from International Space Station:

NepaliSat-1 – 1998-067QE
Raavana-1 – 1998-067QF
Uguisu – 1998-067QG
SpooQy-1 – 1998-067QH
RED-EYE -- 1998-067QJ
IOD-1 GEMS – 1998-067QK
Swiatowid – 1998-067QM

Additions and Deletions for the 4-1-19 Release

This version of the Database includes launches through March 31, 2019. There are currently 2,062 active satellites in the database. The changes to this version of the database include:

• The addition of 173 satellites

• The deletion of 68 satellites

• The addition of and corrections to some satellite data

Satellites Removed

Brasilsat-B2 – 1995-016A
Milstar-DFS2 (USA 115) – 1995-060A
UFO-7 (USA 127) – 1996-042A
Iridium-5 – 1997-020D
Iridium-7 – 1997-020B
Iridium 64 -- 1998-021C
Iridium-10 – 1997-030D
Iridium-46 – 1997-043C
Iridium-22 –1997-043E
Iridium-32 – 1997-051B
Iridium-31 – 1997-051G
Iridium-35 – 1997-056B
Brasilsat-B3 – 1998-006A
NSS-806 – 1998-014A
Iridium-51 -- 1998-018A
Iridium-55 – 1998-019A
Iridium-58 – 1998-019C
Iridium-59 -- 1998-019D
Iridium-60 – 1998-019E
Iridium-70 -- 1998-032A
Iridium-74 -- 1998-032D
Apstar-9A – 1998-033A
Orbcomm FM 16 -- 1998-046E
ITF-2 -- 1998-067KU
Aoba-VELOX-III -- 1998-067KX
Lemur 2F21 – 1998-067LA
Lemur 2F19 – 1998-067LE
HavelSat – 1998-067LJ
SGSat -- 1998-067LL
XCubesat -- 1998-067LQ
LINK QB50 -- 1998-067LV
Challenger QB50 -- 1998-067MA
UNSW-ECO – 1998-067MC
LilacSat-1 -- 1998-067ME
PolyITAN-2-SAU – 1998-067MM
Intelsat-APR2 -- 1999-016A
Iridium-14A -- 1999-032A

DirecTV-1R – 1999-056A
Orbcomm FM 34 -- 1999-065G
Superbird-B2 – 2000-012A
Eutelsat-16C – 2000-019A
BermudaSat-1 – 2000-038A
Nilesat-102 – 2000-046B
EurasiaSat-1 – 2001-002A
Iridium-91 -- 2002-005A
Iridium-90 – 2002-005B
Iridium-95 – 2002-095D
Eutelsat-70D – 2002-038A
GSAT-2 – 2003-018A
Eutelsat-33A – 2003-043A
Express-AM2 – 2005-010A
Zhongxing-22A – 2006-038A
Globalstar M068 – 2007-048D
STPSat-2 (USA 217) – 2010-062A
Aerocube 4.5A – 2012-048K
Aerocube 4.5B – 2012-048L
Aerocube 5A – 2013-072D
Aerocube 5B – 2013-072E
XW-2E -- 2015-049L
XC-1 – 2015-049V
XC-2 – 2015-049S
XC-3 – 2015-049T
XC-4 – 2015-049U
Zijing-1 – 2015-049W
Jilin-1A – 2015-057A
Prometheus 2.2 – 2017-050C
Prometheus 2.4 – 2017-050D
CANYVAL-X2 -- 2018-004G

Satellites Added

ZACUBE-1 – 2013-066B
Tiangong-2 – 2016-057A
Aerocube 12A – 2018-046C
Aerocube 12B – 2018-046D
Lemur 2F81 – 2018-046E
Lemur 2F80 – 2018-046F
Lemur 2F79 – 2018-046G
Lemur 2F78 – 2018-046H
MINXSS-2 – 2018-099A
Pathfinder II – 2018-099B
STPSat-5 – 2018-099E
Polar Scout B – 2018-099G
Hawk-A – 2018-099H
Landmapper-BC4 – 2018-099K
AISTechSat-2 – 2018-099L
Dove 3s-1 – 2018-099M

Fox-1Cliff (AO 95) – 2018-099N
RANGE-A – 2018-099Q
RANGE-B – 2018-099R
Hiber-2 – 2018-099S
ExSeedSat-1 – 2018-099T
Move II – 2018-099Y
SNUSat-2 – 2018-099AA
KazSTSAT – 2018-099AB
SNUGLITE – 2018-099AC
Orbweaver-2 – 2018-099AD
ITASAT-1 – 2018-099AE
KazSciSat-1 – 2018-099AF
Dove 3s-3 – 2018-099AG
Eaglet-1 – 2018-099AJ
Capella-1 – 2018-099AK
ESEO – 2018-099AL
CSIM-FD – 2018-099AM
Hawk-B – 2018-099AN
Orbweaver 1 – 2018-099AP
THEA – 2018-099AQ
Skysat C12 – 2018-099AR
Astrocast-0.1 – 2018-099AS
Hawk-C 99 2018-099AT
IceEye-X2 – 2018-099AU
Skysat C13 – 2018-099AW
JYISat (JO 97) – 2018-099AX
Suomi-100 – 2018-099AY
Al-Farabi-2 – 2018-099AZ
KNACKSAT – 2018-099BA
Eu:CROPIS – 2018-099BB
Polar Scout A – 2018-099BC
Centauri-1 – 2018-099BD
Audacy Zero – 2018-099BE
NextSat-1 – 2018-099BF
BlackSky Global 2 – 2018-099BG
BRIO – 2018-099BH
PWSat-2 – 2018-099BJ
FalconSat-6 – 2018-099BK
SpaceBEE-7 – 2018-099BL
SpaceBEE-5 – 2018-099BM
SpaceBEE-6 – 2018-099BN
eXCITe – 2018-099BP
Seahawk-1 – 2018-099BQ
Dove 3s-2 – 2018-099BR
SeeMe – 2018-099BS
Geo-Compsat-2A -- 2018-100A
GSAT-11 -- 2018-100B
SaudiSat-5A – 2018-102A
SaudiSat-5B – 2018-102C
Ladybird-1 – 2018-102F
Ladybird-2 – 2018-102G

Ladybird-3 – 2018-102H
Ladybird-4 – 2018-102J
Ladybird-5 – 2018-102K
Ladybird-6 – 2018-102L
Ladybird-7 – 2018-102M
Aerocube-11B – 2018-104A
Shields 1 – 2018-104B
NMTSat – 2018-104C
STF-1 – 2018-104D
CeReS – 2018-104E
RSat – 2018-104F
CHOMPTT – 2018-104G
ISX – 2018-104H
DaVinci – 2018-104J
Cubesail Usat – 2018-104K
AlBus – 2018-104L
SHFT-1 – 2018-104M
Aerocube-11A – 2018-104N
GSAT-7A – 2018-105A
CSO-1 – 2018-106A
Blagovest-13L (Cosmos 2533) – 2018-107A
Hongyun-1 – 2018-108A
Navstar GPS III-1 – 2018-109A
TJS-3 – 2018-110A
TJS-3 Subsatellite – 2018-110C
Kanopus-V-IK5 – 2018-111A
Kanopus-V-IK-6 – 2018-111B
iSat – 2018-111D
UWE-4 – 2018-111E
D-Star ONE Sparrow – 2018-111F
Lemur 2F84 – 2018-111G
Lemur 2F86 – 2018-111H
Lemur 2F90 – 2018-111J
Lemur 2F83 – 2018-111K
Lemur 2F85 – 2018-111L
Lemur 2F88 – 2018-111M
Lemur 2F87 – 2018-111N
Lemur 2F89 – 2018-111P
GRUS-1 – 2018-111Q
Dove 3k3 -- 2018-111S
Dove 3k4 -- 2018-111T
Dove 3k1 -- 2018-111U
Dove 3k2 -- 2018-111V
Dove 3k6 -- 2018-111W
Dove 3k5 -- 2018-111Z
Dove 3k8 -- 2018-111AB
Dove 3k7 -- 2018-111AC
Dove 3k12 -- 2018-111AD
Dove 3k11 -- 2018-111AE
Dove 3k10 -- 2018-111AF
Dove 3k9 -- 2018-111AG

ZACUBE-2 – 2018-111AH
Lume-1 – 2018-111AJ
Yunhai-2 01 – 2018-112A
Yunhai-2 02 – 2018-112B
Yunhai-2 03 – 2018-112C
Yunhai-2 04 – 2018-112D
Yunhai-2 05 – 2018-112E
Hongyan-1 – 2018-112F
Yunhai-2 06 – 2018-112G
Zhongxing 2D -- 2019-001A
Iridium Next 180 – 2019-002A
Iridium Next 176 – 2019-002B
Iridium Next 168 – 2019-002C
Iridium Next 173 – 2019-002D
Iridium Next 169 – 2019-002E
Iridium Next 172 – 2019-002F
Iridium Next 175 – 2019-002G
Iridium Next 171 – 2019-002H
Iridium Next 170 – 2019-002J
Iridium Next 167 – 2019-002K
RAPIS-1 – 2019-003A
OrigamiSat – 2019-003B
RISESAT – 2019-003C
MicroDragon – 2019-003D
Nexus – 2019-003F
ALE-1 – 2019-003G
Aoba-VELOX IV – 2019-003J
Keyhole 8 (USA 290) – 2019-004A
Lingque 1A – 2019-005A
Jilin 1 Guanpu 1 – 2019-005B
Xiaoxiang-1 – 2019-005C
Jilin 1 Guanpu 2 – 2019-005E
Hellas-Sat 4/SGS 1 – 2019-007A
GSAT-31 – 2019-007B
EgyptSat-A -- 2019-008A
Nusantara Satu – 2019-009A
S5 – 2019-009D
OneWeb-0012 -- 2019-010A
OneWeb-0010 -- 2019-010B
OneWeb-0008 -- 2019-010C
OneWeb-0007 -- 2019-010D
OneWeb-0006 -- 2019-010E
OneWeb-0011 -- 2019-010F
Zhongxing-6C – 2019-012A
WGS 10 (USA 291) – 2019-014A
PRISMA – 2019-015A
R3D2 – 2019-016A
Tianlian 2.01 – 2019-017A

Cube RRT – 1998-067NU
Endurosat-One – 1998-067NZ

SPATIUM-I -- 1998-067PN
Delphini-1 – 1998-067PW
UNITE – 1998-067PX
TechEdSat-8 – 1998-067PY
CATSat-1 – 1998-067PZ

Additions and Deletions for the 12-1-18 Release

This version of the Database includes launches through November 30, 2018.
There are currently 1,957 active satellites in the database.
The changes to this version of the database include:
• The addition of 141satellites
• The deletion of 71 satellites
• The addition of and corrections to some satellite data

Satellites Removed

Echostar-1 – 1995-073A
Palapa C2 -- 1996-030A
Measat-2 – 1996-063B
Iridium 12 – 1997-030B
Iridium 10 – 1997-030D
Iridium 15 – 1997-034A
Iridium 18 -- 1997-034D
ABS-3 -- 1997-042A
Iridium 25 – 1997-043B
Iridium 37 – 1997-056D
Iridium 41 – 1997-069B
JCSat-1B – 1997-075A
Iridium 47 – 1997-082C
Globalstar FM4 – 1998-008B
Iridium 52 – 1998-010A
Iridium 56 – 1998-010B
Iridium 50 – 1998-010D
Iridium 53 – 1998-010E
Iridium 62 -- 1998-021A
Iridium 65 – 1998-021D
Iridium 66 – 1998-021E
Iridium 67 – 1998-021F
Iridium 68 – 1998-021G
Iridium 72 – 1998-032B
Iridium 75 – 1998-032E
Iridium 76 – 1998-048B
Iridium 81 – 1998-051B
Iridium 80 – 1998-051C
Iridium 86 – 1998-066B
Iridium 84 – 1998-066D
Iridium 83 – 1998-066E
Dove 2e-1 – 1998-067JD
Dove 2e-5 – 1998-067JN
Dove 2ep-5 – 1998-067JR
Dove 2ep-14 – 1998-067KJ
Dove 2ep-15 – 1998-067KL
Dove 2ep-17 – 1998-067KN
Dove 2ep-18 – 1998-067KM

Dove 23p-20 – 1998-067KP
Dove 2ep-19 – 1998-067KQ
Lemur-2F20 -- 1998-067LD
i-INSPIRE-2 – 1998-067ML
Tomsk-TPU-120 -- 1998-067MZ
Tanyusha 1 -- 1998-067NA
Tanyusha 2 -- 1998-067NB
TNS-0-2 Nanosputnik -- 1998-067ND
SIMPL – 1998-067NF
Iridium 20A – 1998-074A
Iridium 11A – 1998-074B
Globalstar M023 – 1999-004A
Globalstar M040 – 1999-004B
Iridium 21A – 1999-032B
Globalstar M028 – 1999-041D
Globalstar M059 – 1999-058B
Globalstar M056 – 1999-058C
Globalstar M031 – 1999-058D
Globalstar M039 – 1999-062A
Globalstar M063 – 2000-008A
Iridium 94 – 2002-005C
Iridium 98 – 2002-031B
Glonass 714 (Cosmos 2419) – 2005-050A
DubaiSat-1 – 2009-041B
Glonass 737 (Cosmos 2465) -- 2010-041B
ORBCOMM OG2 FM-104 – 2014-040E
ORBCOMM OG2 FM-119 -- 2015-081B
ORBCOMM OG2 FM-105 -- 2015-081C
e-st@r-2 – 2016-025D
Al-Farabi-1 – 2017-008BW
EagleSat-1 -- 2017-073F
CNUSail-1 – 2018-004Y
KAUSAT-5 -- 2018-004AA

Satellites Added

Diwata-1 --1998-067HT
Aoxiang-1 – 1998-067MQ
EcAmSat – 1998-067NG
Batsu-CS1 – 1998-067NR
RemoveDebris – 1998-067NT
Tempest-D – 1998-067NV
RaInCube – 1998-067NW
HaloSat – 1998-067NX
Radix – 1998-067NY
EquiSat – 1998-067PA
UiTMSAT-1 – 1998-067PD
Maya-1 – 1998-067PE

Bhutan-1 – 1998-067PF
SiriusSat-1 – 1998-067PG
SiriusSat-2 – 1998-067PH
Tanyusha No. 3 – 1998-067PJ
Tanyusha No. 4 – 1998-067PK
Dove-2 – 2013-015C
Fengyun 4A – 2016-077A
Apstar-6C – 2018-041A
Gaofen-5 – 2018-043A
Bangabandhu 1 – 2018-044A
Grace Follow-on-1 – 2018-047A
Grace Follow-on-2 – 2018-047B
Iridium Next SV 161 – 2018-047C
Iridium Next SV 152 – 2018-047D
Iridium Next SV 147 – 2018-047E
Iridium Next SV 110 – 2018-047F
Iridium Next SV 162 – 2018-047G
Gaofen-6 – 2018-048A
Luojia-1 – 2018-048B
SES-12 – 2018-049A
Fengyun-2H – 2018-050A
IGS-Radar 6 – 2018-052A
Glonass 756 (Cosmos 2527) – 2018-053A
XJS-A – 2018-054A
XJS-B – 2018-054B
PRSS-1 – 2018-056A
PakTES-1a – 2018-056B
Beidou DW 32 -- 2018-057A
Telstar 19 Vantage – 2018-059A
Galileo FOC FM21 – 2018-060A
Galileo FOC FM22 – 2018-060B
Galileo FOC FM19 – 2018-060C
Galileo FOC FM20 – 2018-060D
Iridium Next SV 160 – 2018-061A
Iridium Next SV 166 – 2018-061B
Iridium Next SV 158 – 2018-061C
Iridium Next SV 165 – 2018-061D
Iridium Next SV 155 – 2018-061E
Iridium Next SV 154 – 2018-061F
Iridium Next SV 163 – 2018-061G
Iridium Next SV 156 – 2018-061H
Iridium Next SV 164 – 2018-061J
Iridium Next SV 159 – 2018-061K
Beidou DW 33 – 2018-062A
Beidou DW 34 – 2018-062B
Gaofen-11 – 2018-063A
Merah Putih – 2018-064A
Aeolus – 2018-066A
Beidou DW-35 – 2018-067A
Beidou DW-36 – 2018-067B

Haiyang 1C – 2018-068A
Telstar 18 Vantage – 2018-069A
Icesat-2 – 2018-070A
ELFIN – 2018-070B
ELFIN-STAR – 2018-070C
DAVE – 2018-070D
Surfsat – 2018-070E
SSTL-S1-4 – 2018-071A
NovaSAR-1 – 2018-071B
Beidou DW-37 – 2018-072A
Beidou DW-38 – 2018-072B
Azerspace 2/Intelsat 38 – 2018-074A
Horizons 3e – 2018-074B
Centispace-1-S1 – 2018-075A
SAOCOM 1A – 2018-076A
Yaogan 32-01 – 2018-077A
Yaogan 32-02 – 2018-077B
Beidou DW-39 – 2018-078A
Beidou DW-40 – 2018-078B
AEHF-FV4 (USA 288) – 2018-079A
Haiyang 2B – 2018-081A
Tangguo Guan – 2018-081B
Lotos-S1 (Cosmos 2528) – 2018-082A
CFOSat – 2018-083A
check extra 4 under 2018-083
Ten-Koh – 2018-084A
GOSAT-2 – 2018-084B
KhalifaSat – 2018-084F
Diwata-2B – 2018-084H
Beidou DW-41 – 2018-085A
Glonass 757 (Cosmos 2529) – 2018-086A
MetOp-C – 2018-087A
Cicero-10 – 2018-088A
Irvine-1 – 2018-088D
Proxima-1 – 2018-088E
Lemur 2 – Zupanski – 2018-088F
Proxima-2 – 2018-088G
Lemur 2 – Chanusiak – 2018-088H
GSAT-29 – 2018-089A
Es'hail-2 – 2018-090A
Beidou DW-42 – 2018-093A
Beidou DW-43 – 2018-093B
Shiyan-6 – 2018-094A
Jiading-1 – 2018-094B
Tianzhi-1 – 2018-094C
Mohammed-VIB – 2018-095A
HySIS – 2018-096A
BlackSky Global-1 – 2018-096B
FACSAT – 2018-096C

Cicero-8 – 2018-096
Dove 3r-10 – 2018-096E
Dove 3r-11 – 2018-096G
Dove 3r-12 – 2018-096F
Dove 3r-5 – 2018-096H
Dove 3r-8 – 2018-096J
Reaktor Hello World – 2018-096K
Dove 3r-6 – 2018-096Y
Dove 3r-7 – 2018-096Z
Dove 3r-3 – 2018-096R
Dove 3r-4 – 2018-096Q
Dove 3r-15 – 2018-096T
Dove 3r-16 – 2018-096S
Dove 3r-13 – 2018-096AH
Dove 3r-14 – 2018-096AG
Dove 3r-1 – 2018-096AE
Dove 3r-2 – 2018-096AF
Dove 3r-9 – 2018-096
Innosat-2 – 2018-096V
Lemur-2-Orzulak – 2018-096
Lemur-2-Vladimir – 2018-096
Lemur-2-Kobyszcze – 2018-096
Lemur-2-Duly – 2018-096
Hiber-1 – 2018-096
3Cat-1 – 2018-096
Centauri-1 – 2018-096
Kepler-2 CASE – 2018-096
HSAT-1 – 2018-096
Rodnik (Cosmos 2530) – 2018-097A
Rodnik (Cosmos 2531) – 2018-097B
Rodnik (Cosmos 2532) – 2018-097C

Additions and Deletions for July 1, 2018 release

This version of the Database includes launches through April 30, 2018, and has been posted at http://ucsusa.org/satellites in both Excel and tab-delimited formats, with separate versions of these files containing only the official name of the satellite in the case of government and military satellites, and the most commonly used name in the case of commercial and civil satellites.
There are currently 1,886 active satellites in the database.
The changes to this version of the database include:

- The addition of 205 satellites
- The deletion of 58 satellites
- The addition of and corrections to some satellite data.

Deletions for July 1, 2018 release

Iridium-8 – 1997-020A
Iridium 13 -- 1993-030E
Iridium-23 – 1997-043D
Iridium-19 – 1997-056A
Iridium-34 – 1997-056E
Iridium-49 – 1997-082E
Iridium-3 – 1998-048A
Iridium-77 – 1998-051E
AfriStar-1 –1998-063A
Artemis – 2001-029A
Iridium-94 -- 2002-005C
Grace-1 -- 2002-012A
Grace-2 – 2002-012B
Insat-3A – 2003-013A
Insat-3C – 2002-002A
Fengyun 2D – 2006-053A
Beidou M1 – 2007-011A
Fengyun 3A – 2008-026A
Tiangong-1 – 2011-053A
Beidou 2-14 – 2012-050A
BeeSat-3 – 2013-015E
STARE-B -- 2013-064T
STSat-3 – 2013-066G
ARC-1 -- 2015-058F
LMRSTSat – 2015-058H
D-Sat – 2017-036AF
MKA-N1 – 2017-042J
MKA-N2 – 2017-042K
Corvis-BC1 – 2017—042Y
Corvis-BC2 – 2017-042Z
Dove-2EP2 – 1998-067JA
Dove 2ep-2 – 1998-067JB
Dove 2ep-4 – 1998-067JC
Dove-2E2 – 1998-067JE
Dove-2E3 – 1998-067JG
Dove-2E4 – 1998-067JH

Dove-2E6 – 1998-067JM
Dove-2E7 – 1998-067JP
Dove-2EP1 – 1998-067HZ
Dove-2EP6 – 1998-067JS
Dove 2e-8 – 1998-067JQ
Dove 2ep-7 – 1998-067JT
Dove-2EP8 – 1998-067JU
Dove-2E9 – 1998-067JV
Dove-2E10 – 1998-067JW
Dove-2E12 – 1998-067JX
Dove-2E11 – 1998-067JY
Dove-2EP9 – 1998-067JZ
Dove-2EP10 – 1998-067KA
Dove-2EP11 – 1998-067KB
Dove-2EP12 – 1998-067KC
Dove 2ep13 – 1998-067KH
Dove 2ep-16 – 1998-067KK
STARS-C – 1998-067KR
OSNSat – 1998-067KZ
Lemur 2 - Trutna – 1998-067LC
QB50-Columbia – 1998-067LK
QB50-Atlantis – 1998-067MS

Additions for July 1, 2018 Release

X-37B 0TV-5 (USA 277) – 2017-052A
Amazonas-5 – 2017-053A
Glonass-752 (Cosmos 2522) – 2017-055A
Trumpet NROL-42 (USA 278) – 2017-056A
AsiaSat-9 – 2017-057A
Yaogan-30-1-1 – 2017-058A
Yaogan-30-1-2 – 2017-058B
Yaogan-30-1-3 – 2017-058C
Intelsat-37E – 2017-059A
BSAT-4A – 2017-059B
VRSS-2 – 2017-060A
Iridium Next SV 133 – 2017-061A
Iridium Next SV 127 – 2017-061B
Iridium Next SV 122 – 2017-061C
Iridium Next SV 129 – 2017-061D
Iridium Next SV 119 – 2017-061E
Iridium Next SV 107 – 2017-061F
Iridium Next SV 132 – 2017-061G
Iridium Next SV 136 – 2017-061H
Iridium Next SV 139 – 2017-061J
Iridium Next SV 125 – 2017-061K
QZS-4 Michibiki – 2017-062A
SES-11/EchoStar 105 – 2017-063A
Sentinel 5P – 2017-064A
SDS-IV2 (USA 279) – 2017-066A

Koreasat-5A – 2017-067A
Skysat-8 – 2017-068F
Skysat-9 – 2017-068E
Skysat-10 – 2017-068D
Skysat-11 – 2017-068C
Skysat-12 – 2017-068B
Skysat-13 – 2017-068A
Dove 3m-1 – 2017-068J
Dove 3m-2 – 2017-068M
Dove 3m-3 – 2017-068K
Dove 3m-4 – 2017-068L
Beidou DW 24 – 2017-069A
Beidou DW 25 – 2017-069B
Mohammed VI-A – 2017-070A
Lemur 2F50 – 2017-071E
Lemur 2F51 – 2017-071F
Lemur 2F52 – 2017-071K
Lemur 2F53 – 2017-071L
Lemur 2F54 – 2017-071Q
Lemur 2F55 – 2017-071R
Lemur 2F56 – 2017-071S
Lemur 2F57 – 2017-071T
Fengyun-3D – 2017-072A
HEAD-1 – 2017-072B
NOAA-20 – 2017-073A
Buccaneer RMM – 2017-073B
MiRaTA – 2017-073C
MakerSat-0 – 2017-073D
RadFxSat – 2017-073E
EagleSat-1 – 2017-073F
Jilin 1-4 – 2017-074A
Jilin 1-5 – 2017-074B
Jilin 1-6 – 2017-074C
Yaogan 30-2-1 – 2017-075A
Yaogan 30-2-2 – 2017-075B
Yaogan 30-2-3 – 2017-075C
Lotos-S1 (Cosmos 2524) – 2017-076A
LKW-1 – 2017-077A
Alcomsat-1 – 2017-078A
GalileoSat-19 – 2017-079A
GalileoSat-20 – 2017-079B
GalileoSat-21 – 2017-079C
GalileoSat-22 – 2017-079D
Shikisai (GCOM-C)- 2017-082A
Tsubame (SLATS) – 2017-082B
Iridium Next SV 135 -- 2017-083A
Iridium Next SV 138 – 2017-083B
Iridium Next SV 116 – 2017-083C
Iridium Next SV 130 – 2017-083D
Iridium Next SV 151 -- 2017-083E
Iridium Next SV 134 – 2017-083F

Iridium Next SV 137 – 2017-083G
Iridium Next SV 141 – 2017-083H
Iridium Next SV 153 – 2017-083J
Iridium Next SV 131 – 2017-083K
LKW-2 -- 2017-084A
Yaogan 30-3-1 -- 2017-085A
Yaogan 30-3-2 – 2017-085B
Yaogan 30-3-3 -- 2017-085C
Superview 1-03 – 2018-002A
Superview 1-04 – 2018-002B
Beidou DW-26 – 2018-003A
Beidou DW-27 -- 2018-003B
CartoSat-2F – 2018-004A
LEO Vantage 1 – 2018-004C
ICEYE-X1 -- 2018-004D
Carbonite-2 -- 2018-004E
INS-1C -- 2018-004F
CANYVAL-X2 – 2018-004G
Landmapper-BC3 – 2018-004H
Dove 3p'-3 – 2018-004J
Dove 3p'-2 – 2018-004K
Dove 3p'-1 – 2018-004L
Dove 3p'-4 -- 2018-004M
Lemur-2-McCafferty – 2018-004N
Lemur-2-PeterWebster – 2018-004P
Lemur-2-BrownCow – 2018-0044Q
Lemur-2-DaveWilson -- 2018-004R
Astranis Demosat-2 -- 2018-004S
Microsat-TD – 2018-004T
Arkyd-6A – 2018-004V
MicroMAS-2A – 2018-004W
PicSat – 2018-004X
CNUSail-1 -- 2018-004Y
KAUSAT-5 -- 2018-004AA
Fox-1D – 2018-004AC
Step Cube Lab – 2018-004AD
SpaceBEE-4 – 2018-004AE
SpaceBEE-3 – 2018-004AF
SpaceBEE-2 – 2018-004AG
SpaceBEE-1 – 2018-004AH
CICERO-7 – 2018-004AJ
Tyvak-61C – 2018-004AK
NROL-47 FIA Radar 5 (USA 281) – 2018-005A
LKW-3 – 2018-006A
ASNARO-2 – 2018-007A
TianYi-2 -- 2018-008A
Huia'an (Zhou Enlai) – 2018-008B
KIPP – 2018-008C
TianYi-6 – 2018-008D
Jilin-1 Shipin 7 – 2018-008E
Jilin-1 Shipin 8 – 2018-008F

SBIRS GEO-4 – 2018-009A
Dove Pioneer -- 2018-010A
Lemur-2-Marshall – 2018-010C
Lemur-2-Tallhamn-ATC – 2018-010E
Weina-1A – 2018-011A
Yaogan-30-4-1 – 2018-011B
Yaogan-30-4-2 – 2018-011C
Yaogan-30-4-3 – 2018-011D
Al Yah-3 – 2018-012A
SES-14 – 2018-012B
GovSat-1 – 2018-013A
Kanopus-V3 – 2018-014A
Kanopus-V4 – 2018-014B
Lemur-2-Jin-Luen – 2018-014C
Lemur-2-UramChanSol – 2018-014D
Lemur-2-Kadi – 2018-014E
Lemur-2-TheNickMolo – 2018-014F
S-Net-1 – 2018-014G
S-Net-2 – 2018-014H
S-Net-3 – 2018-014J
S-Net-4 – 2018-014K
Fengmaniu-1 – 2018-015A
Zhangheng 1—2018-015C
GomX-4A – 2018-015F
GomX-4B – 2018-015E
ÑuSat 4 – 2018-015D
ÑuSat 5 – 2018-015K
Shaonian Xing – 2018-015H
TRICOM 1R – 2018-016A
Beidou-DW28 – 2018-018A
Beidou-DW29 – 2018-018B
Paz – 2018-020A
StarLink Demo 1 – 2018-020B
StarLink Demo 2 – 2018-020C
IGS Optical 6 – 2018-021A
GOES-17 – 2018-022A
Hispasat 30W-6 – 2018-023A
O3B-FM15 – 2018-024A
O3B-FM16 – 2018-024B
O3B-FM14 – 2018-024C
O3B-FM13 – 2018-024D
LKW-4 – 2018-025A
EMKA 1 (Kosmos 2525) -- 2018-028A
Beidou DW30 – 2018-029A
Beidou DW31 – 2018-029B
Iridium Next SV 144 – 2018-030A
Iridium Next SV 149 -- 2018-030B
Iridium Next SV 157 – 2018-030C
Iridium Next SV 140 – 2018-030D
Iridium Next SV 145 -- 2018-030E
Iridium Next SV 146 – 2018-030F

Iridium Next SV 148 – 2018-030G
Iridium Next SV 142 -- 2018-030H
Iridium Next SV 150 – 2018-030J
Iridium Next SV 143 -- 2018-030K
Gaofen-1-02 -- 2018-031A
Gaofen-1-03 – 2018-031B
Gaofen-1-04 -- 2018-031D
Superbird-8/DSN-1 -- 2018-033A
Hylas-4 – 2018-033B
Yaogan-31-1 -- 2018-034A
Yaogan-31-2 -- 2018-034B
Yaogan-31-3 – 2018-034C
IRNSS-R1I – 2018-035A
CBAS-1 (USA 283) – 2018-036A
EAGLE (USA 284) – 2018-036B
Mycroft (USA 285) – 2018-036E
Blagovest -12L (Cosmos 2526) – 2018-037A
TESS – 2018-038A
Sentinel-3B – 2018-039A
OHS-01 – 2018-040A
OVS-02 -- 2018-040B
OHS-03 -- 2018-040C
OHS-04 – 2018-040D
OHS-05 – 2018-040E
SIMPL – 1998-067NF
ASTERIA – 1998-067NH
Dellingr – 1998-067NJ

For the 9-1-17 release:

This version of the Database includes launches through August 31, 2017.
There are currently 1,738 active satellites in the database.

The changes to this version of the database include:
• The addition of 321satellites
• The deletion of 35 satellites
• The addition of and corrections to some satellite data.

Satellites Removed

Intelsat 701 -- 1993-066A
Intelsat 702 -- 1994-034A
Gonets D1-14 – 1996-009B
Apstar 1A -- 1996-039A
Meteosat-7 – 1997-049B
Iridium-30 – 1997-051F
Echostar-3 – 1997-059A
SpinSat - 1998-067FL
Tancredo-1 – 1998-067KT
Globalstar MO26 – 1999-041A
Telkom-1 – 1999-042A
Hispasat-1C – 2000-007A
Garuda-1 – 2000-011A
Echostar-8 -- 2002-039A
AMC-9 – 2003-024A
Amos 2 -- 2003-059A
Amazonas-1 – 2004-031A
Kiku-8 -- 2006-059A
Prism – 2009-002B
TISat-1 -- 2010-035E
MKFKI-1 – 2012-039E
Cubebug-1 – 2013-018D
Phonesat 2.4 – 2013-064B
Firefly – 2013-064R
NPS-SCAT – 2013-064K
PUCP-SAT -- 2013-066AC
Humsat-D – 2013-066T
Wren -- 2013-066V
Firebird-A – 2013-072B
Firebird-B – 2013-072C
Popsat-HIP – 2014-033U
QB50P2 -- 2014-033Y
Tianwang-1B -- 2015-051C
Horyu-4 -- 2016-012D
Samsat-218D – 2016-026C

Satellites Added: Launched from Ground Station

Lemur-2F14 – 2016-062D
Lemur-2F15 – 2016-062C
Lemur-2F16 – 2016-062E
Lemur-2F17 – 2016-062F
TJS-2 – 2017-001A
YY-S1 – 2017-002A
Jilin 1-3 – 2017-002B
Kaidun-1 – 2017-002C
Iridium Next SV 106 – 2017-003A
Iridium Next SV 103 – 2017-003B
Iridium Next SV 109 – 2017-003C
Iridium Next SV 102 – 2017-003D
Iridium Next SV 105 – 2017-003E
Iridium Next SV 104 – 2017-003F
Iridium Next SV 114 – 2017-003G
Iridium Next SV 108 – 2017-003H
Iridium Next SV 112 – 2017-003J
Iridium Next SV 111 – 2017-003K
SBIRS Geo-3 – 2017-004A
Kirameki-2 – 2017-005A
Hispasat 36W-1 – 2017-006A
Telkom-3S – 2017-007A
SkyBrasil-1 – 2017-007B
Cartosat-2D – 2017-008A
INS-1A – 2017-008B
Dove 3p-20 – 2017-008C
Dove 3p-8 – 2017-008D
Dove 3p-51 – 2017-008E
Dove 3p-37 – 2017-008F
INS-1B – 2017-008G
Dove 3p-19 – 2017-008H
Dove 3p-24 –2017-008J
Dove 3p-18 – 2017-008K
Dove 3p-22 – 2017-008L
Dove 3p-21 – 2017-008M
Dove 3p-28 – 2017-008N
Dove 3p-26 – 2017-008P
Dove 3p-17 – 2017-008Q
Dove 3p-27 – 2017-008R
Dove 3p-25 – 2017-008S
Dove 3p-4 – 2017-008T
Dove 3p-2 – 2017-008U
Dove 3p-1 – 2017-008V
Dove 3p-3 – 2017-008W

Dove 3p-6 – 2017-008X
Dove 3p-7 – 2017-008Y
Dove 3p-5 – 2017-008Z
Dove 3p-12 – 2017-008AA
Dove 3p-9 – 2017-008AB
Dove 3p-10 – 2017-008AC
Dove 3p-11 – 2017-008AD
Dove 3p-60 – 2017-008AE
Dove 3p-58 – 2017-008AF
Dove 3p-57 – 2017-008AG
Dove 3p-75 – 2017-008AH
Dove 3p-70 – 2017-008AJ
Dove 3p-73 – 2017-008AK
Dove 3p-88 – 2017-008AL
Dove 3p-85 – 2017-008AM
Dove 3p-79 – 2017-008AN
Dove 3p-86 – 2017-008AP
Dove 3p-36 – 2017-008AQ
Dove 3p-30 – 2017-008AR
Dove 3p-34 – 2017-008AS
Dove 3p-35 – 2017-008AT
Dove 3p-33 – 2017-008AU
Lemur 2F22 – 2017-008BB
Lemur 2F23 – 2017-008AY
Lemur 2F24 – 2017-008AV
Lemur 2F25 – 2017-008AZ
Lemur 2F26 – 2017-008AX
Lemur 2F27 – 2017-008AW
Lemur 2F28 – 2017-008BA
Lemur 2F29 – 2017-008BC
BGUSat – 2017-008BD
Dido-2 – 2017-008BE
Dove 3p-49 – 2017-008BF
Dove 3p-67 – 2017-008BG
Dove 3p-68 – 2017-008BH
Dove 3p-41 – 2017-008BJ
Dove 3p-45 – 2017-008BK
Dove 3p-48 – 2017-008BL
Dove 3p-43 – 2017-008BM
Dove 3p-42 – 2017-008BN
Dove 3p-61 – 2017-008BP
Dove 3p-40 – 2017-008BQ
Dove 3p-16 – 2017-008BR
Dove 3p-14 – 2017-008BS
Dove 3p-53 – 2017-008BT
Dove 3p-54 – 2017-008BU
PEASSS – 2017-008BV
Al-Farabi-1 – 2017-008BW

Nayif-1 – 2017-008BX
Dove 3p-23 – 2017-008BY
Dove 3p-76 – 2017-008BZ
Dove 3p-69 – 2017-008CA
Dove 3p-84 – 2017-008CB
Dove 3p-59 – 2017-008CC
Dove 3p-32 – 2017-008CD
Dove 3p-71 – 2017-008CE
Dove 3p-77 – 2017-008CF
Dove 3p-80 – 2017-008CG
Dove 3p-66 – 2017-008CH
Dove 3p-65 – 2107-008CJ
Dove 3p-50 – 2017-008CK
Dove 3p-52 – 2017-008CL
Dove 3p-46 – 2017-008CM
Dove 3p-47 – 2017-008CN
Dove 3p-44 – 2017-008CP
Dove 3p-64 – 2017-008CQ
Dove 3p-63 – 2017-008CR
Dove 3p-62 – 2017-008CS
Dove 3p-38 – 2017-008CT
Dove 3p-39 – 2017-008CU
Dove 3p-15 – 2017-008CV
Dove 3p-13 – 2017-008CW
Dove 3p-55 – 2017-008CX
Dove 3p-56 – 2017-008CY
Dove 3p-81 – 2017-008CZ
Dove 3p-87 – 2017-008DA
Dove 3p-29 – 2017-008DB
Dove 3p-82 – 2017-008DC
Dove 3p-78 – 2017-008DD
Dove 3p-74 – 2017-008DE
Dove 3p-31 – 2017-008DF
Dove 3p-83 – 2017-008DG
Dove 3p-72 – 2017-008DH
USA 274 -- 2017-011A
USA 274 -- 2017-011B
Tiankun-1 – 2017-012A
Sentinel 2B – 2017-013A
Echostar-23 – 2017-014A
IGS Radar 5 – 2017-015A
WGS-9 (USA 275) – 2017-016A
SES 10 – 2017-017A
Shijian 13 – 2017-018A
Lemur 2F30 – 2017-019B
Lemur 2F31 – 2017-019C
Lemur 2F32 – 2017-019D
Lemur 2F33 – 2017-019E

NROL-76 (USA 276) – 2017-022A
Koreasat-7 – 2017-023A
SGDC – 2017-023B
South Asia Satellite – 2017-024A
INMARSAT 5 F4 – 2017-025A
SES-15 – 2017-026A
EKS-2 (Cosmos 2518) – 2017-027A
Michibiki-2 – 2017-028A
ViaSat-2 – 2017-029A
Eutelsat-172B – 2017-029B
GSAT-19E – 2017-031A
Echostar-21 – 2017-032A
Hard X-ray Modulation Telescope – 2017-034A
Zhuhai-1-02 – 2017-034B
NUSat-3 – 2017-034C
Zhuhai-1-01 – 2017-034D
Chinasat-9A – 2017-035A
UCLSat – 2017-036A
NIUSAT-Keralshree – 2017-036B
Cartosat-2E – 2017-036C
LituanicaSAT 2 – 2017-036D
CESat-1 – 2017-036E
Lemur 2F34 -- 2017-036G
Lemur 2F35 – 2017-036H
Lemur 2F36 – 2017-036J
Lemur 2F37 – 2017-036K
Aalto-1 – 2017-036L
Ursa Maior – 2017-036M
Compass-2 – 2017-036N
Max Valier – 2017-036P
Lemur 2F38 – 2017-036T
Lemur 2F39 – 2017-036S
Lemur 2F40 – 2017-036R
Lemur 2F41 – 2017-036Q
Diamond Red – 2017-036U
Diamond Green – 2017-036W
Diamond Blue – 2017-036X
NUDTSat – 2017-036Y
Suchai – 2017-036Z
skCUBE – 2017-036AA
VZLUSat – 2017-036AB
Venta-1 – 2017-036AC
Robusta-1B – 2017-036AD
Cicero-6 – 2017-036AE
D-Sat – 2017-036AF
Tyvak-53b – 2017-036AG
Cosmos 2519 – 2017-037A
Cosmos 2519 (subsatellite) – 2017-037D
BulgariaSat-1 – 2017-038A

Iridium Next 113 – 2017-039A
Iridium Next 123 – 2017-039B
Iridium Next 120 – 2017-039C
Iridium Next 115 – 2017-039D
Iridium Next 118 – 2017-039E
Iridium Next 117 – 2017-039F
Iridium Next 126 – 2017-039G
Iridium Next 124 – 2017-039H
Iridium Next 128 – 2017-039J
Iridium Next 121 – 2017-039K
HellasSat-3/INMARSAT S EAN – 2017-040A
GSAT-17 – 2017-040B
Intelsat-35E – 2017-041A
Kanopus V-IK-2 – 2017-042A
Norsat-1 – 2017-042B
Cicero-1 – 2017-042C
Norsat-2 – 2017-042D
Technosat – 2017-042E
FLP – 2017-042G
MKA-N 1 – 2017-042J
MKA-N 2 – 2017-042K
WNISat-1R – 2017-042L
Cicero-2 – 2017-042M
Lemur-2-42 – 2017-042N
Lemur-2-44 – 2017-042Q
Lemur-2-45 – 2017-042R
Lemur-2-46 – 2017-042W
Lemur-2-47 – 2017-042P
Lemur-2-48 – 2017-042S
Lemur-2-49 – 2017-042T
Nanoace – 2017-042V
Corvus-BC-1 – 2017-042Y
Corvus-BC-2 – 2017-042X
Cicero-3 – 2017-042AA
Dove 2k-3 – 2017-042AB
Dove 2k-4 – 2017-042AC
Dove 2k-1 – 2017-042AD
Dove 2k-2 – 2017-042AE
Dove2k-47 – 2017-042AF
Dove 2k-48 – 2017-042AG
Dove 2k-45 – 2017-042AH
Dove 2k-24 – 2017-042AJ
Dove 2k-46 – 2017-042AK
Dove 2k-23 – 2017-042AL
Dove 2k-21 – 2017-042AM
Dove 2k-22 – 2017-042AN
Dove 2k-7 – 2017-042AP
Dove 2k-8 – 2017-042AQ
Dove 2k-5 – 2017-042AR

Dove 2k-40 – 2017-042AS
Dove 2k-39 – 2017-042AT
Dove 2k-37 – 2017-042AU
Dove 2k-38 – 2017-042AV
Dove 2k-31 – 2017-042AW
Dove 2k-32 – 2017-042AX
Dove 2k-29 – 2017-042AY
Dove 2k-30 – 2017-042AZ
Dove 2k-44 – 2017-042BA
Dove 2k-43 – 2017-042BB
Dove 2k-41 – 2017-042BC
Dove 2k-36 – 2017-042BD
Dove 2k-35 – 2017-042BE
Dove 2k-34 – 2017-042BF
Dove 2k-33 – 2017-042BG
Dove 2k-28 – 2017-042BH
Lemur 2-43 – 2017-042BJ
Dove 2k-27 – 2017-042BK
Dove 2k-26 – 2017-042BL
Dove 2k-25 – 2017-042BM
Dove 2k-20 – 2017-042BN
Dove 2k-19 – 2017-042BP
Dove 2k-18 – 2017-042BQ
Dove 2k-17 – 2017-042BR
Dove 2k-16 – 2017-042BS
Dove 2k-15 – 2017-042BT
Dove 2k-13 – 2017-042BU
Dove 2k-14 – 2017-042BV
Dove 2k-12 – 2017-042BW
Dove 2k-11 – 2017-042BX
Dove 2k-10 – 2017-042BY
Dove 2k-9 – 2017-042BZ
Dove 2k-6 – 2017-042CA
Optsat-3000 – 2017-044A
Venμs – 2017-044B
Blagovest-11L (Cosmos 2520) – 2017-046A
TDRS-13 – 2017-047A
Michibiki-3 – 2017-048A
FormoSat-5 – 2017-049A
ORS-5 – 2017-050A
Prometheus 2.2 – 2017-050B
Prometheus 2.4 – 2017-050C
DHFR – 2017-050D

Satellites Added: Deployed from Cygnus or International Space Station

Tancredo-1 – 1998-067KT
ITF-2 – 1998-067KU

AOBA-Velox 3 – 1998-067KX
OSNSat – 1998-067KZ
Lemur-2F18 – 1998-067LC
Lemur-2F19 – 1998-067LE
Lemur-2F20 – 1998-067LD
Lemur-2F21 – 1998-067LA
Havelsat – 1998-067LH
ColumbiaSat – 1998-067LK
SGSat – 1998-067LL
CXBN-2 – 1998-067LM
Phoenix – 1998-067LP
XCubeSat – 1998-067LQ
QBEE50-LTU-OC – 1998-067LR
Altair-1 -- 1998-067LS
SHARC -- 1998-067LT
ZA-Aerosat – 1998-067LU
LINK – 1998-067LV
CSUNSAT-1 – 1998-067LW
Spacecube – 1998-067LY
Hoopoe – 1998-067LZ
Challenger -- 1998-067MA
NJUST-1 – 1998-067MB
UNSW-ECO – 1998-067MC
Lilacsat-1 – 1998-067ME
Nsight-1 – 1998-067MF
i-Inspire-2 – 1998-067ML
PolyITAN-2-SAU – 1998-067MM
Exalta-1 – 1998-067MP
BeEagleSat – 1998-067MR
Atlantis – 1998-067MS
Toki -- 1998-067MU
Mazaalai – 1998-067MW
BRAC ONNESHA – 1998-067MX
Nigeria EduSat-1 – 1998-067MY
Tomsk-TPU-120 – 1998-067MZ
Tanyusha YuZGU-1 – 1998-067NA
Tanyusha YuZGU-2 – 1998-067NB
TNS-0-2 Nanosputnik – 1998-067ND

For the 1-1-17 release:

This version of the Database includes launches through December 31, 2016.
There are currently 1460 active satellites in the database.

The changes to this version of the database include:

- The addition of 91 satellites (including 3 returned to the database on new information
- The deletion of 50 satellites
- The addition of and corrections to some satellite data.

Satellites Removed

GOES-3 – 1978-062A
NATO-4B – 1993-076A
Iridium 39 – 1997-069D
Iridium 42 – 1997-077A
Iridium 57 – 1998-019B
Globalstar M06 – 1998-023B
Globalstar M027 – 1999-043B
Globalstar M029 – 1999-062C
EO-1 – 2000-075A
EROS-A1 – 2000-079A
Eutelsat-33B – 2002-051A
FORMOSAT-2 – 2004-018A
Suzaku – 2005-025A
Resurs-DK1 – 2006-021A
IGS-3A – 2006-037A
Glonass 725 (Cosmos 2443) – 2008-046B
Oceansat-2 – 2009-051A
Glonass 738 (Cosmos 2466) – 2010-041A
Vesselsat-1 – 2011-058C
Glonass 746 (Cosmos 2478) – 2011-071A
Amos 5 – 2011-074A
Vesselsat-2 – 2012-001B
Prometheus 4A -- 2013-064V
Prometheus 4B – 2013-064X
CSSWE – 2012-048D
2014-064AC
ZACube-1 -- 2013-066B
ORBCOMM FM-106 – 2014-040C
ORBCOMM FM-111 – 2014-040 D
Kuaizhou-2 – 2014-073A
OUFTI-1 -- 2016-025C
Dove 1e-6 – 1998-067GM
Dove 1e-7 – 1998-067

Dove 1e-10 – 1998-067GP
Dove 1e-11 – 1998-067GQ
Dove 1e-12 – 1998-067GR
Dove 1e-13 – 1998-067GS
Dove 1e-14 – 1998-067GT
S-Cube – 1998-067GY
GOMX-3 – 1998-067HA
Dove 2-b1 – 1998-067HB
Dove 2-b2 – 1998-067HC
Dove 2-b3 – 1998-067HD
Dove 2-b4 – 1998-067HE
Dove 2-b5 – 1998-067HF
Dove 2-b6 – 1998-067HG
Dove 2-b7 – 1998-067HH
Dove 2-b9 – 1998-067HK
Dove 2-b10 – 1998-067HL
Dove 2-b13 – 1998-067HM
Dove 2-b14 – 1998-067HN

Satellites Added

(Returned to database after removal last release: CanX-2, 4, and 5)
SDS IV-1 (USA 269) – 2016-047A
Tiantong-1 – 2016-048A
Gaofen-3 – 2016-049A
JCSat 16 – 2016-050A
Quantum Science Satellite – 2016-051A
GSSAP-3 – 2016-052A
GSSAP-4 – 2016-052B
Intelsat 36 – 2016-053A
Intelsat 33E – 2016-053B
Insat-3DR – 2016-054A
Ofeq-11 – 2016-056A
Perusat-1 – 2016-058A
Skysat-4 – 2016-058D
Skysat-5 – 2016-058E
Skysat-6 – 2016-058B
Skysat-7 – 2016-058C
PISAT – 2016-059B
AlSat-1B – 2016-059C
AlSat-2B – 2016-059D
BlackSky Pathfinder 1 – 2016-059E
CanX-7 – 2016-059F
AlSat-1N – 2016-059G
ScatSat-1 – 2016-059H
GSAT-18 – 2016-060A

Sky Muster 2 -- 2016-060B
Himawari-9 – 2016-064A
Shijian-17 – 2016-065A
XPNav-1 – 2016-066A
Worldview 4 – 2016-067A
Prometheus 2.1 – 2016-067B
Prometheus 2.2 – 2016-067C
Aerocube 8C – 2016-067D
Aerocube 8D – 2016-067E
CELTEE-1 – 2016-067G
RAVAN – 2016-067H
Yunhai-1 – 2016-068A
Galileo-15 – 2016-069A
Galileo-16 – 2016-069B
Galileo-17 – 2016-069C
Galileo-18 – 2016-069D
GOES-R – 2016-071A
Tianlian-1-04 – 2016-072A
Gokturk 1 – 2016-073A
Resourcesat-2A – 2016-074A
WGS-8 – 2016-075A
CYGNSS-E – 2016-078A
CYNGSS-D – 2016-078B
CYGNSS-B – 2016-078C
CYGNSS-A – 2016-078D
CYGNSS-H – 2016-078E
CYGNSS-F – 2016-078F
CYGNSS-G – 2016-078G
CYGNSS-C – 2016-078H
Echostar-19 – 2016-079A
ERG – 2016-080A
TanSat – 2016-081A
Chao fenbianlu duoguangpu – 2016-081B
Spark 1 – 2016-081C
Spark 2 – 2016-081D
Star One-D1 – 2016-082B
JCSAT-15 – 2016-082A
Superview-1-01 – 2016-083A
Superview-1-02 – 2016-083B
Dove 2e-5 – 1998-067JN
Dove 2e-6 – 1998-067JM
Dove 2e-7 – 1998-067JP
Dove 2e-8 – 1998-067JQ
Dove 2e-9 – 1998-067JV
Dove 2e-10 – 1998-067JW
Dove 2e-11 – 1998-067JY

Dove 2e-12 – 1998-067JX
Dove 2ep-5 – 1998-067JR
Dove 2ep-6 – 1998-067JS
Dove 2ep-7 – 1998-067JT
Dove 2ep-8 – 1998-067JU
Dove 2ep-9 – 1998-067JZ
Dove 2ep-10 – 1998-067KA
Dove 2ep-11 – 1998-067KB
Dove 2ep-12 – 1998-067KC
Dove 2ep-13 – 1998-067KH
Dove 2ep-14 – 1998-067KJ
Dove 2ep-15 – 1998-067KL
Dove 2ep-16 – 1998-067KK
Dove 2ep-17 – 1998-067KN
Dove 2ep-18 – 1998-067KM
Dove 2ep-19 – 1998-067KQ
Dove 2ep-20 – 1998-067KP
STARS-C Oyaki -- 1998-067KR

For the 7-1-16 release:

This version of the Database includes launches through June 30, 2016.
There are currently 1419 active satellites in the database.

The changes to this version of the database include:

- The addition of 75 satellites
- The deletion of 37 satellites
- The addition of and corrections to some satellite data.

Satellites removed

Akebono – 1989-016A
Navstar GPS II-10 (USA 66) – 1990-103A
Navstar GPS II-23 (USA 96) – 1993-068A
Superbird-C – 1997-036A
Intelsat-7 – 1998-052A
Dove 1d-2 – 1998-067FV
Dove 1e-1 – 1998-067GF
Dove 1e-2 – 1998-067GE
Dove 1e-3 – 1998-067GH
Dove 1e-4 – 1998-067GG
Dove 1e-5 – 1998-067GL
Dove 1e-8 – 1998-067GK
Dove 1e-9 – 1998-067GN

SERPENS – 1998-067GX
AAUSat-5 – 1998-067GZ
Dove 2b-8 – 1998-067HJ
Eutelsat 115 West A – 1998-070A
Ørsted – 1999-008B
Keyhole 3 (USA 144) – 1999-028A
Galaxy-27 – 1999-052A
XM-1 – 2001-018A
Keyhole 4 (USA 161) -- 2001-044A
Yaogan-2 – 2007-019A
Yaogan-3 – 2007-055A
Can-X2 – 2008-021H
STUDSat – 2010-035B
Tian-Xun-1 – 2011-066A
Yubileiny-2/RS-40 – 2012-041C
Can-X3a -- 2013-009G
ORSES – 2013-064G
$50Sat – 2013-066W
DMSP-19 – 2014-015A
Can-X4 -- 2014-034C
Can-X5 -- 2014-034D
Angels (USA 255) – 2014-043C
USS Langley – 2015-025B
BRICSat-P – 2015-025E

Satellites Added
Belintersat-1 – 2016-001A
Jason-3 – 2016-002A
IRNSS-1E – 2016-003A
Intelsat-29E – 2016-004A
Eutelsat-9B – 2016-005A
Beidou 3M-3S – 2016-006A
Navstar GPS IIF-12 (USA 266) – 2016-007A
Glonass 751 (Cosmos 2514) – 2016-008A
Topaz-4 (USA 267) – 2016-010A
Sentinel-3A – 2016-011A
ChubuSat-2 – 2016-012B
ChubuSat-3 – 2016-012C
Horyu-4 – 2016-012D
SES-9 – 2016-013A
Eutelsat 65 West-A – 2016-014A
IRNSS-1F – 2016-015A
Resurs P-3 – 2016-016A
BARS-M (Cosmos 2515) – 2016-020A
Beidou IGSO-6 – 2016-021A

Sentinel-1B – 2016-025A
MicroSCOPE – 2016-025B
OUFTI-1 – 2016-025C
e-st@r-2 – 2016-025D
AAUSat-4 – 2016-025E
Mikhailo Lomonosov – 2016-026A
AIST-2D – 2016-026B
SamSat-218D – 2016-026C
IRNSS-1G – 2016-027A
JCSat-14 – 2016-028A
Yaogan-30 – 2016-029A
Galileo-13 – 2016-030A
Galileo-14 – 2016-030B
Thaicom-8 – 2016-031A
Glonass 753 (Cosmos 2516) – 2016-032A
Ziyuan 3-2 – 2016-033A
ÑuSat-1 – 2016-033B
ÑuSat-2 – 2016-033C
GEO-IK2 (Cosmos 2517) – 2016-034A
Intelsat 31/DLA 2 – 2016-035A
Advanced Orion-7 (USA 268) – 2016-036A
Beidou – 2016-037A
ABS 2A – 2016-038A
Eutelsat 117 West-B – 2016-038B
BRISat – 2016-039A
Echostar 18 – 2016-039B
CartoSat-2C – 2016-040A
Sathyabamasat – 2016-040B
SkySat-3 – 2016-040C
GHGSat-D – 2016-040D
LAPAN A3 – 2016-040E
BIROS – 2016-040F
M3MSat – 2016-040G
Swayam – 2016-040J
Dove 2p-1 – 2016-040U
Dove 2p-2 – 2016-040L
Dove 2p-3 – 2016-040V
Dove 2p-4 – 2016-040N
Dove 2p-5 – 2016-040T
Dove 2p-6 – 2016-040H
Dove 2p-7 – 2016-040S
Dove 2p-8 – 2016-040Q
Dove 2p-9 – 2016-040M
Dove 2p-10 – 2016-040P
Dove 2p-11 – 2016-040K
Dove 2p-12 – 2016-040R

Dove 2e-1 – 1998-067JD
Dove 2e-2 – 1998-067JE
Dove 2e-3 – 1998- 067JG
Dove 2e-4 – 198-067JH
Dove 2ep-1 – 1998-067HZ
Dove 2ep-2 – 1998-067JB
Dove 2ep-3 – 1998-067JA
Dove 2ep-4 – 1998-067JC
MUOS-5 – 2016-041A
Shijian 16-02 – 2016-043A

For the 1-1-16 release:

This version of the Database includes launches through December 31, 2015.
There are currently 1381 active satellites in the database.

The changes to this version of the database include:

- The addition of 116 satellites
- The deletion of 40 satellites
- The addition of more information in the "Type of Orbit" column, to describe orbits more precisely, for example, "non-polar inclined," and "sun-synchronous."
- The addition of and corrections to some satellite data.

Satellites removed
Leasat 5 – 1990-002B
Apstar-1 – 1994-043A
Astra 1E – 1995-055A
ABS-1A – 1996-003A
AMC-5 – 1998-063B
Express-A2 – 2000-013A
SB-WASS 3-1 (USA 160) – 2001-040A
SB-WASS 3-1 (USA 160) – 2001-040B
Strela (Cosmos 2384) -- 2001-058A
Spot-5 – 2002-021A
SB-WASS 3-2 (USA 173) – 2003-054A
SB-WASS 3-3 (USA 173) – 2003-054B
MTSat-1R – 2005-006A
US-KS Oko 87 (Cosmos-2422) – 2006-030A
NFIRE – 2007-014A
C/NOFS – 2008-017A
US-KS Oko 89 (Cosmos 2446) – 2008-062A
Rodnik (Cosmos 2452) -- 2009-036B
Picard – 2010-028A
ORS-1 (USA 231) – 2011-029A
AAUSat-3 – 2013-009B
EstCube-1 – 2013-021C

DANDE – 2013-055C
Vermont Lunar – 2013-064AD
Prometheus 3A – 2013-064P
Prometheus 1B – 2013-064M
Prometheus 2A – 2013-064AE
Prometheus 2B – 2013-064L
Prometheus 3B – 2013-064Q
IPEX – 2013-072K
Egyptsat-2 – 2014-021A
Kobalt-M (Cosmos 2505) – 2015-027A
Dove 1b-06 – 1998-067FX
Dove 1b-11 – 1998-067GC
Dove 1b-12 – 1998-067GD
Dove 1b-21 – 1998-067FQ
Dove 1b-22 – 1998-067FR
Dove 1b-27 – 1998-067FN
Dove 1d-1 – 2015-067FU
GEARRS-1 – 1998-067FZ

Satellites Added
MUOS-4 – 2015-044A
Galileo FOC-5 – 2015-045A
Galileo FOC-6 – 2015-045B
TJS-1 – 2015-046A
Gaofen 9 – 2015-046A
Express AM-8 – 2015-048A
SERPENS – 1998-067GX
S-Cube – 1998-067GY
XW-2A – 2015-049E
XW-2B – 2015-049N
XW-2C – 2015-049H
XW-2D – 2015-049J
XW-2E – 2015-049L
XW-2F – 2015-049M
DCBB – 2015-049P
LilacSat-2 – 2015-049K
NUDT-Phonesat – 2015-049B
Zheda Pixing-2A – 2015-049C
Zheda Pixing 2B – 2015-049D
Tiantuo-3 – 2015-049A
Kaituo-1A – 2015-049F
Naxing-2 – 2015-049G
Xingchen 1 – 2015-049V
Xingchen 2 – 2015-049S
Xingchen 3 – 2015-049T

Xingchen 4 – 2015-049U
Zijing 1 – 2015-049W
KJSY-1 – 2015-049R
Rodnik-S (Cosmos 2507) – 2015-050A
Rodnik-S (Cosmos 2508) – 2015-050B
Rodnik-S (Cosmos 2509) – 2015-050C
Pujiang-1 – 2015-051A
TW-1A – 2015-051D
TW-1B – 2015-051C
TW-1C – 2015-051B
Astrosat – 2015-052A
LAPAN A2 – 2015-052B
exactView-9 – 2015-052C
Lemur-2 Joel – 2015-052D
Lemur-2 Peter – 2015-052E
Lemur-2 Jeroen – 2015-052F
Lemur-2 Chris – 2015-052G
Beidou 3I-2S – 2015-053A
NBN-1A – 2015-054A
Arsat-2 – 2015-054B
Dove 2b-1 – 1998-067HB
Dove 2b-2 – 1998-067HC
Dove 2b-3 – 1998-067HD
Dove 2b-4 – 1998-067HE
Dove 2b-5 – 1998-067HF
Dove 2b-6 – 1998-067HG
Dove 2b-7 – 1998-067HH
Dove 2b-8 – 1998-067HJ
Dove 2b-9 – 1998-067HK
Dove 2b-10 – 1998-067HL
Dove 2b-13 – 1998-067HM
Dove 2b-14 – 1998-067HN
Mexsat-2 – 2015-056A
AAUSat-5 – 1998-067GZ
GOMX-3 – 1998-067HA
LQSat – 2015-057A
Lingqiao-A – 2015-057B
Lingqiao-B – 2015-057C
Jilin-1 – 2015-057D
SB-WASS (USA 264) – 2015-058A
SB-WASS (USA 264) – 2015-058R
Aerocube-5C – 2015-058B
Aerocube-7A – 2015-058C
Fox-1A – 2015-058D
BisonSat – 20154-058E
ARC-1 – 2015-058F

SNaP-3 Alice – 2015-058G
LMRSTSat – 2015-058H
SNaP-3 Eddie – 2015-058J
PropCube-3 – 2015-058K
SINOD D-1 – 2015-058L
SNaP-3 Jimi – 2015-058M
PropCube-1 – 2015-058N
SINOD D-3 – 2015-058P
Apstar-9 – 2015-059A
Turksat-4B – 2015-060A
Tianhui-1C – 2015-061A
Navstar GPS IIF-3 – 2015-062A
Chinasat-2C – 2015-063A
Yaogan-28 – 2015-064A
GSAT-15 – 2015-065A
Badr 7 – 2015-065B
EKS-1 (Cosmos 2510) – 2015-066A
LaoSat-1 – 2015-067A
Telstar-12V – 2015-068A
Yaogan-29 – 2015-069A
Chinasat-1C – 2015-073A
Electro-L2 – 2015-074A
Garpun-12L (Cosmos 2513) – 2015-075A
VELOX-C1 – 2015-077A
Kent Ridge 1 – 2015-077B
Athenoxat-1 – 2015-077C
TeLEOS 1 – 2015-077D
Galassia – 2015-077E
VELOX II – 2015-077F
DAMPE – 2015-078A
Galileo 12 – 2015-079A
Galileo 11 – 2015-079B
ORBCOMM FM-114 – 2015-081A
ORBCOMM FM-119 – 2015-081B
ORBCOMM FM-105 – 2015-081C
ORBCOMM FM-110 – 2015-081D
ORBCOMM FM-118 – 2015-081E
ORBCOMM FM-112 – 2015-081F
ORBCOMM FM-113 – 2015-081G
ORBCOMM FM-115 – 2015-081H
ORBCOMM FM-108 – 2015-081J
ORBCOMM FM-117 – 2015-081K
ORBCOMM FM-116 – 2015-081L
Express AMU1 – 2015-082A
Gaofen 4 – 2015-083A

For the 9-1-15 release:
This version of the database includes satellites launched through August 31, 2015. Currently, there are 1305 actively operating satellites.

The changes to this version of the database include:

- The addition of 85 satellites
- The return to active status of 8 satellites
- The deletion of 47 satellites
- The addition of and corrections to some satellite data.

Satellites Removed
DSCS III-F6 (USA 82) – 1992-037A
Navstar SVN 26 (USA 83) – 1992-039A
Navstar SVN 39 (USA 92) – 1993-042A
Navstar SVN 35 (USA 94) – 1993-054A
DSCS III-F8 (USA 97) – 1993-074A
Navstar SVN 36 (USA 100) – 1994-016A
DMSP F13 (USA 109) – 1995-015A
Intelsat 706 – 1995-023A
Gonets D1-1 – 1996-009A
Gonets D1-2 – 1996-009B
Navstar SVN 33 (USA 117) – 1996-019A
Navstar SVN 40 (USA 126) – 1996-041A
TRMM – 1997-074A
Iridium 29 – 1997-051A
Navstar SVN 38 (USA 135) -- 1997-067A
Eutelsat 16B – 1998-013A
Eutelsat 48C – 1999-018A
Iridium 63 – 1998-021B
Eutelsat 8 West D – 2007-021A
IKONOS-2 – 1999-051A
BADR-B – 2001-056C
Cute-1 (CO 55) – 2003-031E
Unisat-3 – 2004-025H
Glonass 712 (Cosmos 2411) – 2004-053B
Cubesat XI-V (CO-58) – 2005-043F
AGILE – 2007-013A
Glonass 722 (Cosmos 2435) – 2007-065B
Glonass 724 (Cosmos 2442) – 2008-046A
Glonass 726 (Cosmos 2444) – 2008-046C
Glonass 727 (Cosmos 2447) – 2008-067A
Glonass 729 (Cosmos 2449) – 2008-067B

SAC-D – 2011-024A
EduSAT – 2011-044A
Kuaizhou-1 – 2013-053A
Unisat-5 – 2013-066F
ORS-Tech 1 – 2013-064H
ORS-Tech 2 – 2013-064S
CINEMA-2 – 2013-066J
CINEMA-3 – 2013-066L
ICube – 2013-066S
Unisat-6 – 2014-033C
NanosatC-Brl -- 2014-033Q
Dove 1b-17 – 1998-067FF
Dove 1b-2 – 1998-067FB
Dove 1b-23 – 1998-067EV
Dove 1b-24 – 1998-067EU
Dove 1b-8 – 1998-067FC

Satellites Returned to database:

Astra 1D -- 1994-070A
Optus B3 – 1994-055A
Iridium 46 – 1997-043C
Apstar 9A – 1998-033A
ChinaSat 11 – 2013-020A
ORBCOMM FM-21 – 1998-053A
Globalstar M028 – 1999-041B
Kukai – 2009-002G

Satellites Added for September 1, 2015 Release

Duchifat-1 – 2014-033M
GRIFEX – 2015-003D
Exocube – 2015-003E
IGS Radar – 2015-004A
INMARSAT 5-F2 – 2015-005A
Lotos-S (Cosmos 2503) – 2015-009A
ABS-3A – 2015-010A
Eutelsat 115 West B – 2015-010B
Dove 1b-21 – 1998-067FQ
Dove 1b-22 – 1998-067FR
Dove 1d-1 – 1998-067FU
Dove 1d-2 – 1998-067FV
Dove 1b-06 – 1998-067FX
GEARRSAT – 1998-067FZ
Dove 1b-11 – 1998-067GC
Dove 1b-12 – 1998-067GD

MMS-1 – 2015-011A
MMS-2 – 2015-011B
MMS-3 – 2015-011C
MMS-4 – 2015-011D
Express AM-7 – 2015-012A
Navstar GSP SVN 71 (USA 260) – 2015-013A
Arirang-3A – 2015-014A
IGS Optical 5 – 2015-015A
Galileo FOC-3 – 2015-017A
Galileo FOC-4 – 2015-017B
IRNSS-1D – 2015-018A
Beidou 3I-1S – 2015-019A
Gonets M-11 – 2015-020A
Gonets M-12 – 2015-020B
Gonets M-13 – 2015-020C
Cosmos 2504 – 2015-020D
Thor-7 – 2015-022A
Sicral 2/Syracuse-3C – 2015-022B
Turkmen Alem 52E – 2015-023A
X37B-OTV-4 – 2015-025A
USS Langley – 2015-025B
ParkinsonSat -1 – 2015-025D
BRICSat-P – 2015-025E
GEARRSAT-2 – 2015-025G
Aerocube-8A – 2015-025J
Aerocube-8B – 2015-025K
DirecTV-15 – 2015-026A
Sky Mexico-1 – 2015-026B
Kobalt-M (Cosmos 2505) – 2015-027A
Sentinel 2A – 2015-028A
Persona-3 (Cosmos 2506) – 2015-029A
Gaofen-8 – 2015-030A
DMC 3-1 – 2015-032A
DMC 3-2 – 2015-032B
DMC 3-3 – 2015-032C
CBNT-1 – 2015-032D
Dove 1b-27 – 1998-067FN
Dove 1b-21 -1998-067FQ
Dove 1b-22 – 1998-067FR
Dove 1b-11 – 1998-067GC
Dove 1b-12 – 1998-067GD
Dove 1b-06 – 1998-067FX
Dove 1d-1 – 2015-067FU
Dove 1d-2 – 2015-067FV
Dove 1e-2 – 1998-067GE
Dove 1e-1 – 1998-067-GF

Dove 1e-4 -- 1998-067GG
Dove 1e-3 – 1998-067GH
Dove 1e-7 – 1998-067GJ
Dove 1e-8 -- 1998-067 GK
Dove 1e-5 – 1998-067GL
Dove 1e-6 – 1998-067GM
Dove 1e-9 – 1998-067GN
Dove 1e-10 – 1998-067GP
Dove 1e-11 – 1998-067GQ
Dove 1e-12 – 1998-067GR
Dove 1e-13 – 1998-067GS
Dove 1e-14 – 1998-067GT
Navstar GPS IIF-10 (USA 262) – 2015-033A
Star One C-4 – 2015-034A
Meteosat-11 – 2015-034B
Wideband Global Satcom 7 (USA 263) – 2015-036A
Beidou 3M-1S – 2015-037A
Beidou 3M-2S – 2015-037B
Intelsat IS-34 – 2015-039A
Eutelsat 8 West B – 2015-039B
Yaogan 27 – 2015-040A
GSAT-6 – 2015-041A
INMARSAT 5-F3 – 2015-042A

For the 2-1-15 release:
This version of the database includes satellites launched through January 31, 2015. Currently, there are 1265 actively operating satellites.

The changes to this version of the database include:

- The addition of 79 satellites
- The deletion of 44 satellites
- The addition of and corrections to some satellite data.

We have also added two new columns to the database which we hope will be useful:

- *Country/Organization of UN Registry*. This indicates the country that is registered as responsible for the satellite in the United Nations Register of Space Objects. http://www.unoosa.org/oosa/en/osoindex.html As the ownership and operational control of commercial satellites continues to become more complicated and rapidly changing, this column indicates the "launching state" as indicated in the Convention on Objects Launched into Outer Space. http://www.unoosa.org/oosa/en/SpaceLaw/gares/html/gares_29_3235.html
- *Detailed Purpose*. This column gives a more specific description of the function of the satellite. For example, the column gives more information on satellites with "Earth Observation" as purpose, indicating "Optical Imaging," "Electronic

Intelligence," or "Meterology" etc. as the Detailed Purpose. This column is a work in progress and we will continue to add information in future database updates.

Satellites Removed

Intelsat 603 – 1990-021A
Optus B3 – 1994-055A
NSS-703 – 1994-064A
Saxmex-4 – 1994-065A
Astra 1D – 1994-070A
WIND – 1994-071A
Ardusat-1 – 1998-067DA
Picodragon-1 – 1998-067DB
Bonum-1 – 1998—068A
Parus-90 (Cosmos 2361) – 1998-076A
Parus-91 (Cosmos 2366) – 1999-045A
ACRIMSat – 1999-070B
SAC-C – 2000-075B
XM Rock – 2001-012A
Parus-92 (Cosmos 2378) – 2001-023A
Quickbird 2 – 2001-047A
Parus-93 (Cosmos 2389) – 2002-026A
Ziyuan 2B – 2002-049A
IGS-1A – 2003-009A
Parus-94 (Cosmos 2398) – 2003-023A
Yamal-201 – 2003-053B
PARASOL – 2004-049G
VUSat Oscar 52 – 2005-017B
Parus-97 (Cosmos 2429) – 2007-038A
Can-X6 – 2008-021B
Cute-1.7 + APD II – 2008-021C
Yaogan-5 – 2008-064A
RazakSat – 2009-037A
Parus-98 (Cosmos 2454) – 2009-039A
Meteor-M – 2009-049A
AEHF-1 (USA 214) – 2010-039A
Sich-2 – 2011-044G
e-st@r – 2012-006C
XaTcobeo – 2012-006F
Tiantuo-1 – 2012-021B
MASAT-1 – 2012-006E
X37-B OTV-1 (USA 240) – 2012-071A
Dove 2 – 2013-015C
Dove 4 – 2013-066U
Ho'oponopono-2 – 2013-064B
CAPE-2 – 2013-064AB

CUNYSat-1 – 2013-072J
ShindaiSat – 2014-009A
Kobalt M – 2014-025A

Removed three duplications.

Satellites Added
RS-47 (Cosmos 2499) – 2014-028E
Dove 1C-1 – 2014-033T
Dove 1C-2 – 2014-033V
Dove 1C-3 – 2014-033AH
Dove 1C-4 – 2014-033X
Dove 1C-5 – 2014-033AE
Dove 1C-6 – 2014-033AC
Dove 1C-7 – 2014-033S
Dove 1C-8 – 2014-033AG
Dove 1C-9 – 2014-033AB
Dove 1C-10 – 2014-033N
Dove 1C-11 – 2014-033Z
AprizeSat-10 – 2014-033K
Navstar GPS IIF-07 (USA 256) – 2014-045A
AsiaSat-8 – 2014-046A
Yaogan-20A – 2014-047A
Yaogan-20B – 2014-047B
Yaogan-20C – 2014-047C
Worldview-3 – 2014-048A
Gaofen-2 – 2014-049A
BRITE-PL2 – 2014-049B
Dove 1B-2 – 1998-067FB
Dove 1B-8 – 1998-067FC
Dove 1B-17 – 1998-067FF
Dove 1B-23 – 1998-067EV
Dove 1B-24 – 1998-067EU
Galileo-5 – 2014-050A
Galileo-6 – 2014-050B
Ling Qiao – 2014-051A
Chuangxin 1-04 – 2014-051B
AsiaSat-6 – 2014-052A
Yaogan 21 – 2014-053A
Tiantuo-2 – 2014-053B
Optus 10 – 2014-054A
Measat 3B – 2014-054B
Clio (USA 257) – 2014-055A
Luch/Olympus – 2014-058A
Shijian 11-07 – 2014-059A
Himawari 8 –2014-060A
IRNSS 1C – 2014-061A

Intelsat 30/DLA 1 – 2014-062A
ArSat 1 – 2014-062B
Yaogan-22 – 2014-063A
Express AM-6 – 2014-064A
Shijian 11-08 – 2014-066A
Navstar GPS IIF-08 (USA 258) – 2014-068A
Meridian 7 – 2014-069A
ASNARO-1 – 2014-070A
Hodoyoshi 1 – 2014-070B
ChubuSat 1 – 2014-070C
Qsat-EOS – 2014-070D
TSUBAME – 2014-070E
Yaogan-23 – 2014-071A
Yaogan-24 – 2014-072A
Kuaizhou 2 – 2014-073A
SpinSat – 1998-067FL
Glonass-702 (Cosmos 2502) – 2014-075A
GSat-16 – 2014-078A
DirecTV-14 – 2014-078B
CBERS-4 – 2014-079A
Yaogan 25A – 2014-080A
Yaogan 25B – 2014-080B
Yaogan 25C – 2014-080C
Improved Trumpet 5 (USA 259, NROL-35) – 2014-081A
Yamal-401 – 2014-082A
O3b FM10 – 2014-083A
O3b FM11 – 2014-083B
O3bFM12 – 2014-083C
O3bFM9 –2014-083D
Condor-E 2 – 2014-084A
Lotos S1 – 2014-086A
Resurs-P2 – 2014-087A
Yaogan-26 – 2014-088A
Astra 2G – 2014-089A
Fengyun 2G – 2014-090A
MUOS 3 – 2015-002A
SMAP – 2015-003A
Firebird-C – 2015-003B
Firebird-D – 2015-003C

Returned to database:
INMARSAT 3 F-3 – 1996-070A
CSSWE – 2012-048D

For the 8-1-14 release:
This version of the database includes satellites launched through July 31, 2014. Currently, there are 1235 actively operating satellites.

The changes to this version of the database include:

- The addition of 89 satellites
- The deletion of 21 satellites
- The addition of and corrections to some satellite data.

Satellites Removed
Africasat-1 – 1996-002B
Orbcomm-FM22 – 1998-053B – on-orbit failure
Orbcomm FM25 – 1998-053E – on-orbit failure
Galaxy-26 – 1999-005A
Globalstar MO25 – 1999-031A
Globalstar MO47 – 1999-031C
NOAA-16 – 2000-055A – decommissioned
SDS III-2 (USA 155) – 2000-080A
SDS III-3 (USA 162) – 2001-046A
Technology Experiment Satellite (TES) – 2001-049A
INSAT-3E – 2003-043E – decommissioned after on-orbit failure
Topsat – 2005-043B
Haiyang-1B – 2007-010A
IMS-1 – 2008-021D
US-KS Oko 90 (Cosmos 2469) – 2010-049A – on-orbit failure
US-KMO Oko 8 (Cosmos 2479) – 2012-012A – on-orbit failure
KYSat – 2013-064AA
Triton 1 – 2013-066M – on-orbit failure
DELFI-N3XT – 2013-066N – on-orbit failure
Velox P-2 – 2013-066Y – on-orbit failure
MCubed-2 – 2013-072H – on-orbit failure

Satellites Added
ABS-2 – 2014-006A
Athena-Fidus (Access on THeatres for European Nations)
Allied forces - French Italian Dual Use Satellite) – 2014-006B
Turksat 4A – 2014-007A
Navstar GPS II-F5 – 2014-008A
ShindaiSat -- 2014-009A
GPM (Global Precipitation Measurement) – 2014-009C
Express-AT 1 – 2014-010A
Express-AT 2 – 2014-010B
Amazonas 4A – 2014-011A
Astra 5B – 2014-011B
Glonass 754 – 2014-012A
Shijian 11-06 – 2014-014A

DMSP 5D-3 F19 – 2014-015A
Sentinel 1A – 2014-016A
IRNSS-1B – 2014-017A
Ofeq-10 – 2014-019A
NROL-67 (USA 250) – 2014-020A
Egyptsat 2 – 2014-021A
Luch 5V – 2014-023A
Kazsat-3 – 2014-023B
KazEOSat 1 – 2014-024A
Kobalt-M (Cosmos 2495) – 2014-025A
Navstar GPS IIF-6 (USA 251) – 2014-026A
NROL-33 (USA 252) – 2014-027A
Rodnik (Cosmos 2496) – 2014-028A
Rodnik (Cosmos 2497) –2014-028B
Rodnik (Cosmos 2498) – 2014-028C
Daichi-2 – 2014-029A
UNIFORM-1 – 2014-029B
Socrates – 2014-029C
Rising 2 -- 2014-029D
SPROUT – 2014-029E
Eutelsat-3B – 2014-030A
Glonass 755 – 2014-032A
KazEOSat 2 -- 2014-033A
Hodoyoshi-4 – 2014-033B
Unisat-6 – 2014-033C
Deimos 2 – 2014-033D
Bugsat-1 – 2014-033E
Hodoyoshi-3 – 2014-033F
Saudisat-4 – 2014-033G
Aurora – 2014-033H
Aprizesat-9 – 2014-033J
Aprizesat-10 – 2014-033K
BRITE-Toronto – 2014-033L
NanosatC-Br1 – 2014-033Q
QB50p1 – 2014-033R
Popsat-HIP – 2014-033U
QB50p2 – 2014-033Y
ANTELSat – 2014-033AA
Perseus-M 2 -- 2014-033AD
Perseus-M1 – 2014-033AF
PolyITAN-1 – 2014-033AJ
TIGRISat – 2014-033AK
Lemur-1 – 2014-033AL
Aerocube-6A – 2014-033AM
Aerocube-6B – 2014-033AN
Spot 7 – 2014-034A

AISat – 2014-034B
CanX-4 – 2014-034C
CanX-5 – 2014-034D
Velox 1 – 2014-034E
OCO-2 – 2014-035A
Gonets M18 – 2014-036A
Gonets M19 – 2014-036B
Gonets M20 – 2014-036C
Meteor M-2 – 2014-037A
Relek – 2014-037B
DX-1 – 2014-037C
SkySat 2 – 2014-037D
TechDemoSat-1 – 2014-037E
UKube 1 – 2014-037F
AISSat-2 – 2014-037G
TechDemoSat-1 – 2014-037E
O3b FM03 -- 2014-038A
O3b FM06 – 2014-038B
O3b FM07 – 2014-038C
O3b FM08 – 2014-038D
ORBCOMM OG2 FM-109 – 2014-040A
ORBCOMM OG2 FM-107 – 2014-040B
ORBCOMM OG2 FM-106 – 2014-040C
ORBCOMM OG2 FM-111 – 2014-040D
ORBCOMM OG2 FM-104 – 2014-040E
ORBCOMM OG2 FM-103 – 2014-040F
Photon M4 – 2014-041A
GSSAP -1 (USA 253) – 2014-043A
GSSAP-2 (USA 254) – 2014-043B
Angels – (USA 255) -- 2014-043C

For the 2-1-14 release:

This version of the database includes satellites launched through January 31, 2014. Currently, there are 1167 actively operating satellites.

The changes to this version of the database include:

- The addition of 94 satellites
- The deletion of 15 satellites
- The return of 3 satellites to active status
- The addition of and corrections to some satellite data.

Satellites Removed
Navstar GPS II-13 – 1993-054A
Intelsat 801 – 1997-009A

ST-1 – 1998-049A
Eutelsat 4B – 1998-057A
Globalstar M045 – 1999-019A
Fengyun 1D – 2002-024B
Molniya 1-92 – 2003-011A
BSAT-2C – 2003-028A
Molniya 3-53 – 2003-029A
Express-AM1 – 2004-043A
Glonass-728 – 2008-067C
GOCE – 2009-013A
STARE-A – 2012-048H
AeroCube-4 – 2012-048M
Turksat3USAT -- 2013-018C

Satellites Added
In November and December of 2013 more than 60 picosats and cubesats were carried as secondary payloads on launches from Wallops Island, Dombarovsky (Yasny) Cosmodrome, and Vandenberg Air Force Base. Those that have been identified and determined to be operational have been added to the database. The identification of these small satellites has proven to be difficult, and further correction may be necessary.

Yaogan-17A -- 2013-046A
Yaogan-17B – 2013-046B
Yaogan-17C – 2013-046C
Gonets M-14 – 2013-048A
Gonets M-16 – 2013-048B
Gonets M-17 – 2013-048C
Hisaki (Sprint-A) – 2013-049A
AEHF-3 (USA 246) – 2013-050A
Fengyun 3C – 2013-052A
Kuaizhou-1 – 2013-053A
Cassiope – 2013-055A
CUSat-1 – 2013-055B
DANDE – 2013-055C
Astra 2E -- 2013-056A
Shijian 16 -- 2013-057A
Sirius FM-6 -- 2013-058A
Yaogan 18 -- 2013-059A
Raduga-1M --2013-062A
Ardusat-1 – 1998-067DA
PicoDragon – 1998-067DB
STPSat 3 -- 2013-064A
Prometheus 1A – 2013-064H
Prometheus 1B – 2013-064E
Prometheus 2A – 2013-064K
Prometheus 2B – 2013-064L

Prometheus 3A – 2013-064M
Prometheus 3B – 2013-064F
Prometheus 4A – 2013-064P
Prometheus 4B – 2013-064Q
ORSES – 2013-064C
ORS Tech 1 – 2013-064D
ORS Tech 2 – 2013-064S
KySat-2 – 2013-064AA
Firefly – 2013-064R
NPS-SCAT – 2013-064AE
Phonesat 2.4 – 2013-064W
CAPE-2 – 2013-064AB
Vermont Lunar Cubesat – 2013-064AD
STARE-B – 2013-064G
Yaogan 19 -- 2013-065A
Aprizesat-7 – 2013-066A
ZACube-1 -- 2013-066B
SkySat-1 – 2013-066C
DubaiSat-2 – 2013-066D
OPTOS – 2013-066E
Unisat-5 – 2013-066F
STSat-3 – 2013-066G
WNISat-1 – 2013-066H
Aprizesat-8 – 2013-066K
FunCube (AO-73) – 2013-066AE
CINEMA-2 – 2013-066J
CINEMA-3 – 2013-066L
Triton-1 – 2013-066M
Delfi-n3Xt – 2013-066N
Dove-3 – 2013-066P
GATOSS – 2013-066Q
BRITE-PL-1 – 2013-066R
ICube – 2013-066S
HumSat-D – 2013-066T
Dove-4 – 2013-066U
Wren – 2013-066V
Eagle 2 – 2013-066W
Velox P-2 – 2013-066Y
CubeBug-2 – 2013-066AA
PUCPSat-1 – 2013-066AC
UWE-3 – 2013-066AG
SWARM A – 2013-067A
SWARM B – 2013-067B
SWARM C – 2013-067C
Shiyan-5 – 2013-068A
SES-8 – 2013-071A

FIA Radar 3 (USA 247) – 2013-072A
Firebird-A – 2013-072B
Firebird-B – 2013-072C
AeroCube 5A – 2013-072D
AeroCube 5B – 2013-072E
ALiCE – 2013-072F
SNaP-3-1 -0 2013-072G
MCubed-2 – 2013-072H
CUNYSAT-1 – 2013-072J
IPEX – 2013-072K
SMDC ONE-2.4 – 2013-072L
SMDC ONE-2.3 – 2013-072N
Tacsat-6 – 2013-072M
Inmarsat 5-F1 – 2013-073A
TKSat-1 – 2013-075A
Rodnik (Cosmos 2488) – 2013-076A
Rodnik (Cosmos 2489) – 2013-076B
Rodnik (Cosmos 2490) – 2013-076C
Ekspress AM-5 – 2013-077A
Aist-1 – 2013-078A
GSAT-14 – 2014-001A
Thaicom-6 – 2014-002A
TDRS-12 – 2013-004A

The following satellites were returned to the database. After the announcement of retirement from service, the decision was made to use them for short-term end-of-life leases:
Arabsat 7F (Nimiq 1) – 1999-027A
DirecTV-1R – 1999-056A
MBSAT – 2004-007A

For the 9-1-13 release:

This version of the database includes satellites launched through August 31, 2013. Currently, there are 1084 actively operating satellites.

The changes to this version of the database include:

- The addition of 24 satellites
- The deletion of 11 satellites
- The addition of and corrections to some satellite data.

Satellites Removed
Radarsat-1 – 1995-059A (failed on orbit 3/13)
Arabsat-2B – 1996-063A
Chinasat-5A – 1998-033A

Sinosat-1 – 1998-044A
Nimiq-1 – 1999-027A
GOES-12 (GOES-M) – 2001-031A (retired 8/13)
Jason 1 – 2001-055A (failed on orbit 7/13)
GALEX – 2003-017A (decommissioned 6/13)
CoRoT – 2006-063A (decommissioned 6/13)
Raduga-1M1 – 2007-058A (disposal orbit 6/13)
Express-MD1 – 2009-007B (failed on orbit 7/13)

Satellites Added
STRaND-1 – 2013-009E (had shut down in March, 2013 and became active again in July, 2013)
SES 6 -- 2013-026A
Persona-2 – 2013-028A
Resurs-P1 – 2013-030A
O3b FM5 – 2013-031A
O3b FM4 – 2013-031B
O3b FM2 – 2013-031C
O3b PFM – 2013-031D
Kondor – 2013-032A
Iris – 2013-033A
IRNSS-1A -- 2013-034A
Shijian 11-05 – 2013-035A
MUOS-2 – 2013-036A
Shiyan 7 – 2013-037B
Chuangxin 3 – 2013-037C
Shijian-15 – 2013-037A
Alphasat I-XL (Inmarsat IV-A F4) – 2013-038A
Insat-3D – 2013-038B
Wideband Global SATCOM 6 (USA 244) – 2013-041A
Kompsat 5 – 2013-042A
Keyhole 7 (USA 245) – 2013-043A
Eutelsat 25B – 2013-044A
GSAT-7 – 2013-044B
Amos-4 – 2013-045A

For the 6-1-13 release:
This version of the database includes satellites launched through May 31, 2013. Currently, there are 1071 actively operating satellites.

The changes to this version of the database include:

- The addition of 46 satellites
- The deletion of 19 satellites
- The addition of and corrections to some satellite data.

Satellites Removed
INMARSAT 2-F1 – 1990-093A – decommissioned (22.5 years)
Intelsat 709 – 1996-035A (decommissioned 16 years)
Gonets-D1-4 – 1997-006D – failed in orbit
Gonets-D1-5 – 1997-006E – failed in orbit
Gonets-D1-6 – 1997-006F – failed in orbit
Thor-2 – 1997-025A – decommissioned (15 years)
Cakrawatra 1—1997-071B decommissioned (15 years)
Nilesat-101 – 1998-024A – decommissioned (14 years)
Beidou-1B – 2000-082A – decommissioned
GeoLite (USA 158) – 2001-020A – end of mission
Gonets-D1-7 – 2001-058D – failed in orbit
Gonets-D1-9 – 2001-058F – failed in orbit
NOAA-17 (NOAA-M) – 2002-023A -- decommissioned (11 years)
Beidou-3 – 2003-021A – decommissioned
Compass-G2 -- 2009-018A
RAX-2 – 2011-061D – failed on orbit
CXBN – 2012-048A – failed in orbit
CSSWE – 2012-048D – failed in orbit
CP-5 – 2012-048F – failed in orbit

Satellites Added
Pléiades 1B – 2012-068A
Eutelsat-70B – 2012-069A
Yamal 402 – 2012-070A
X37-B/OTV-1 (USA 240) -- 2012-071A
On December 12, 2012 North Korea launched Kwangmyongsong-3 – 2012-072A – a 100 kg technology demonstration satellite. While it did achieve orbit, a signal has never been picked up and it is tumbling out of control. It is not believed to be operational.

Göktürk 2 -- 2012-073A
Skynet 5D – 2012-075A
MexSat 3 -- 2012-075B
Rodnik-15 (Cosmos 2482) – 2013-001A
Rodnik-17 (Cosmos 2484) – 2013-001C
IGS 8A (IGS Radar 4) – 2013-002A
IGS 8B (IGS Optical Demonstrator) -- 2013-002B
STSat-2C – 2013-003A
TDRS-K – 2013-004A
Globalstar M097 – 2013-005A
Globalstar M093 – 2013-005B
Globalstar M094 – 2013-005C
Globalstar M096 – 2013-005D
Globalstar M078 – 2013-005E
Globalstar M095 – 2013-005F
Amazonas-3 – 2013-006A

Azerspace/Africasat.1a – 2013-006B
Landsat-8 – 2013-008A
SARAL – 2013-009A
AAUSat-3 – 2013-009B
Sapphire – 2013-009C
NEOSSat – 2013-009D
TUGSat-1 – 2013-009F
CanX-3a (BRITE) – 2013-009G
SBIRS GEO 2 (USA 241) – 2013-011A
Satmex-8 – 2013-012A
Anik G1 – 2013-014A
Dove-2 – 2013-015C
AIST-2 – 2013-015D
BeeSat-3 – 2013-015E
BeeSat-2 – 2013-015G
Gaofen-1 – 2013-018A
Turksat-3USAT – 2013-018C
Cubebug-1 – 2013-018D
Glonass 747 (Cosmos 2485) – 2013-019A
Zhongxing-11 (Chinasat 11) – 2013-020A
Proba V – 2013-021A
VNREDSat 1A – 2013-021B
EstCube-1 2013-021C
Eutelsat-3D – 2013-022A
Navstar GPS IIF-4 (USA 242) – 2013-023A
Wideband Global Satcom 5 (USA 243) – 2013-024A

For the 12-1-12 release:
This version of the database includes satellites launched through November 30, 2012.

The changes to this version of the database include:

- The addition of 52 satellites
- The deletion of 22 satellites
- The update of orbital information for most satellites in LEO
- The addition of and corrections to some satellite data.

The 52 added satellites include several which have been returned to the database because of updated information or a return to active status by current or new owners.

Satellites Removed
Landsat 5 – 1984-021A
Intelsat 602 – 1989-087A
Navstar GPS II-15 – 1992-058A

Helios 1A – 1995-033A
Paksat-1 – 1996-006A
Intelsat 24/Amos 1 – 1996-030B
Iridium 4 – 1997—020E
Orbview-2 – 1997-037A
Eutelsat W75 – 1997-049A
Spot-4 – 1998-017A
Orbcomm FM24 – 1998-053D
Globalstar M038 – 1999-004D
Globalstar M026 – 1999-041A
Eurobird 4A – 2000-052A
MIMOSA – 2003-031B
Glonass 718 (Cosmos 2431) – 2007-052C
Anusat – 2009-019B
Hawksat-1 – 2009-028D
RAX (Radio Aurora Explorer, USA 218) – 2010-062B
Falconsat-5 (USA 221) – 2010-062E
PW-Sat – 2012-006G
Kobalt M (Kosmos 2480) – 2012-024A

Satellites Added
RAX-2 – 2011-061D
e-st@r – 2012-006C
Intelsat-20 – 2012-043A
Intelsat-21 – 2012-045A
Van Allen Probe A – 2012-046A
Van Allen Probe B – 2012-046B
Spot 6 – 2012-047A
SB-WASS 3-6 (USA 238) (2) – 2012-048A
SMDC-ONE 1.2 – 2012-048B
Aeneas – 2012-048C
CSSWE – 2012-048D
CXBN – 2012-048E
CP5 – 2012-048F
CINEMA – 2012-048G
RE – 2012-048H
SMDC-ONE 1.1 – 2012-048J
Aerocube 4.5A – 2012-048K
Aerocube 4.5B – 2012-048L
Aerocube 4 – 2012-048M
MetOp B – 2012-049A
Beidou 2-14 – 2012-050A
Beidou 2-15 – 2012-050B
Astra 2F – 2012-051A
GSat-10 – 2012-051B

VRSS 1 – 2012-052A
Navstar GPS IIF-03 (USA 239) – 2012-053A
Galileo IOV-2FM 3 – 2012-055A
Galileo IOV-2 FM4 – 2012-055B
Shijian 9A – 2012-056A
Shijian 9B – 2012-056B
Intelsat 23 – 2012-057A
Beidou 2-16 – 2012-059A
Luch 5B – 2012-061A
Yamal 300K – 2012-061B
Star One C3 – 2012-062A
Eutelsat 21B – 2012-062B
Meridian 6 – 2012-063A
Huan Jing 1C – 2012-064A
Fengniao 1 & 1A – 2012-064B (joined pair)
Xinyan 1 – 2012-064C
Echostar 16 – 2012-065A
Yaogan 16A – 2012-066A
Yaogan 16B – 2012-066B
Yaogan 16C – 2012-066C
Zhongxing 12 – 2012-067A

In addition to these launches, these satellites were returned to active status:
Navstar GPS II-13 – 1993-054A – returned to constellation
Inmarsat 2-F1 – 1990-093A
Intelsat 702 – 1994-034A
Intelsat 706 –1995-023A
DirecTV-1R – 1999-056A
Eutelsat 28B – 2008-065B
Chinasat 10 – 2011-026A

For August 1, 2012 release
This version of the database includes satellites launched through July 31, 2012.

The changes to this version of the database include:

- The addition of 36 satellites
- The deletion of 16 satellites
- The addition of and corrections to some satellite data.

Satellites Added for August 1, 2012 Release

FIA Radar 2 (USA 234) – 2012-014A
Yahsat 1B – 2012-016A

RISat-1 – 2012-017A
Compass M3 – 2012-018A
Compass M4 – 2012-018B
AEHF-2 (USA 235) – 2012-019A
Tianhui 1-02 – 2012-020A
Yaogan 14 – 2012-021A
Tiantuo 1 – 2012-021B
JCSat 13 – 2012-023A
Vinasat 2 – 2012-023B
Kobalt-M (Cosmos 2480) – 2012-024A
GCOM-W1 – 2012-025A
Kompsat-3 – 2012-025B
SDS-4 – 2012-025C
Horyu-2 – 2012-025D
Nimiq 6 – 2012-026A
Zhongxing 2A – 2012-028A
Yaogan-15 – 2012-029A
Intelsat 19 – 2012-030A
NuSTAR – 2012-031A
SDS III-7 (USA 236) – 2012-033A
Advanced Orion 6 (USA 237) – 2012-034A
Echostar 17 – 2012-035A
Meteosat-10 – 2012-035B
SES-5 – 2012-036A
Canopus-B – 2012-039A
BKA – 2012-039B
exactView-1 –2012-039C
TET-1 – 2012-039D
MKA-FKI-1 – 2012-039E
Tianlian 1-03 – 2012-040A
Rodnik 14 – 2012-041A
Gonets-13 – 2012-041B
MiR – 2012-041C
Gonets-15 – 2012-041D

Satellites Removed for August 1, 2012 Release

INMARSAT 2F2 – 1991-018A
INMARSAT 2F4 – 1992-021B
Brasilsat B2 – 1995-016A
Advanced Orion 1 (USA 110) – 1995-022A
SDS III-1 – 1998-005A
DirecTV-1R – 1999-056A
GOES-11 – 2000-022A
BSAT-2A – 2001-011B
ICO-F2 – 2001-026A

Nigeriasat-1 – 2003-042C
MBSat-1 – 2004-007A
Estrela do Sol 1/Telstar 14 – 2004-001A
GIOVE-A – 2005-051A
MiTEX (USA 188) – 2006-024B
GIOVE-B – 2008-020A
X37B – 2011-010A

For April 1, 2012 release
This version of the database includes satellites launched through April 1, 2012.

The changes to this version of the database include:

- The addition of 13 satellites
- The deletion of 8 satellites
- The addition of and corrections to some satellite data.

Satellites Added

Ziyuan 3 (ZY-3) – 2012-001A
Vesselsat-2 – 2012-001B
Fengyun 2F – 2012-002A
Wideband Global Satcom 4 (USA 233) – 2012-003A
MaSat 1 (Magyar Satellite/OSCAR 72) - 2012-006H
Xatcobeo – 2012-006F
PW-Sat – 2012-006G
SES-4 – 2012-007A
Beidou – 2012-008A
MUOS-1 – 2012-009A
Intelsat 22 – 2012-011A
US-KMO Oko 8 (Cosmos 2479) – 2012-012A
Apstar 7 – 2012-013A

(Note that some small satellites, including Iran's Navid satellite, that were launched during this quarter re-entered on or before April 1, and so do not appear in the database.)

Satellites Removed

TDRS-4 – 1989-021B
X-Ray Timing Explorer – 1995-074A
Envisat* -- 2002-009A
Fengyun 2C – 2004-042A
Akari – 2006-005A
Compass 1 – 2008-021E
TacSat 3 – 2009-028A

SumbandilaSat – 2009-049F

*On May 9, 2012 the European Space Agency (ESA) announced the end of mission for Envisat. The Agency lost contact with the satellite on April 8, and despite rigorous attempts to re-establish contact and the investigation of failure scenarios, was unable to reestablish contact.

For January 1, 2012 release
This version of the database includes satellites launched through December 31, 2011.

The changes to this version of the database include:

- The addition (or re-addition) of 53 satellites
- The deletion of 33 satellites
- The addition of and corrections to some satellite data.

Satellites Added

Chinasat 1A – 2011-047A
Garpun-1 (Cosmos 2473) – 2011-048A
SES-2 -- 2011-049A
Arabsat-5C -- 2011-049B
IGS-Optical 4 – 2011-050A
Atlantic Bird 7 – 2011-051A
TacSat-4 – 2011-052A
Tiangong-1 – 2011-053A
QuetzSat-1 – 2011-054A
Glonass 742 (Cosmos 2474) – 2011-055A
Intelsat 18 – 2011-056A
Eutelsat W3C – 2011-057A
Megha-Tropiques – 2011-058A
Jugnu – 2011-058B
Vesselsat-1 – 2011-058C
SRMSat – 2011-058D
Viasat-1 – 2011-059A
Galileo IOV-1 PFM – 2011-060A
Galileo IOV-1 FM2 – 2011-060B
NPP – 2011-061A
Glonass-743 (Cosmos 2476) – 2011-064A
Glonass 744 (Cosmos 2477) – 2011-064B
Glonass 745 (Cosmos 2475) – 2011-064C
Tian Xun-1 – 2011-066A
Yaogan-12 – 2011-066B
Chuangxin 3 – 2011-068A
Shiyan-4 – 2011-068B
AsiaSat-7 – 2011-069A

Glonass 746 (Cosmos 2478) – 2011-071A
Yaogan-13 – 2011-072A
Compass-G10 -- 2011-073A
Amos 5 – 2011-074A
Luch-5A – 2011-074B
IGS-7A – 2011-075A
ELISA-W23 – 2011-076A
ELISA- E12 – 2011-076B
ELISA-24 – 2011-076C
ELISA-11 – 2011-076D
SSOT – 2011-076E
Pléiades HR1 – 2011-076F
NigComSat-1R – 2011-077A
Ziyuan-1-2C – 2011-079A
Globalstar 2-13 MO84 – 2011-080A
Globalstar 2-14 MO80 – 2011-080B
Globalstar 2-15 MO82 – 2011-080C
Globalstar 2-16 MO92 – 2011-080D
Globalstar 2-17 MO90 – 2011-080E
Globalstar 2-18 MO86 – 2011-080F

Satellites Returned to Database Based on New Information
Measat-2 – 1996-063B
SCD-1 – 1993-009B
Iridium 51 – 1998-018A
Orbcomm FM-31
Orbcomm FM-32

Notes:
Measat-2 – 1996-063B [Kuala Lumpur, 18 September 2011 – MEASAT Satellite Systems Sdn. Bhd. (“MEASAT”) announced today that MEASAT-2 had been successfully brought back into operational service at 148°E.

SCD-1 – 1993-009B: Although functioning on a very limited level, this satellite is still gathering data.

Satellites Removed from Database for January 1, 2012 Release

FLTSATCOM-7 (USA 20) – 1986-096A
INMARSAT 2F1 – 1990-093A
GPS Navstar II-11 SVN-24 (USA 71) – 1991-047A
Intelsat 601 – 1991-075A
Asiasat-2 – 1995-064A
Iridium 26 – 1997-043A
IRS-1D – 1997-057A
Sirius 3 – 1998-056B

INSAT 3B – 2000-016B
Geizer 11 (Cosmos 2371) – 2000-036A
Ekran-M1 – 2001-014A
STSat-1 – 2003-042G
Naxing-1 – 2004-012B
ChinaSat-20 – 2003-052A
DEMETER – 2004-025C
Double Star-2 – 2004-029A
GSAT-3 – 2004-036A
ESSAIM-1 – 2004-049C
ESSAIM-2 – 2004-049D
ESSAIM-3 – 2004-049E
ESSAIM-4 – 2004-049F
Gonets D1M – 2005-048A
COSMIC-C – 2006-011C
MIDstar-1 – 2007-006B
IGS-4B – 2007-005B
Egyptsat-1 – 2007-012A
Koronas-Foton – 2009-003A
Sterkh-1 – 2009-039B
Sterkh-2 – 2009-049B
Tatiana-2 – 2009-049D
Ugatusat – 2009-049E
SERVIS – 2010-023A
Kobalt-M (Cosmos 2472) – 2011-028A

For September 1, 2011 release
This version of the database includes satellites launched through August 31, 2011.

The changes to this version of the database include:

- The addition of 35 satellites
- The deletion of 26 satellites
- The addition of and corrections to some satellite data.

There is unusually large number of deletions in this update. We were recently able to confirm that 19 Globalstar satellites are being moved or have been moved to disposal orbits.

Satellites Added
Meridian 4 – 2011-018A
SBIRS GEO 1 (USA 230) – 2011-019A
Telstar 14R – 2011-021A
GSAT 8 – 2011-022A
ST 2 – 2011-022B
SAC-D – 2011-024A

Chinasat 10 – 2011-026A
Kobalt-M (Cosmos 2472) – 2011-028A
ORS 1 (USA 231) – 2011-029A
Shijian 11-03 – 2011-030A
TianLian I-02 – 2011-032A
Globalstar M081 – 2011-033E
Globalstar M083 – 2011-033A
Globalstar M085 – 2011-033D
Globalstar M088 – 2011-033B
Globalstar M089 – 2011-033F
Globalstar M091 – 2011-033C
GSAT 12 – 2011-034A
SES 3 – 2011-035A
Kazsat 2 – 2011-035B
Navstar GPS IIF-2 (USA 232) – 2011-036A
Spektr-R/RadioAstron – 2011-037A
Compass IG4 – 2011-038A
Shijian 11-02 – 2011-039A
Astra 1N – 2011-041A
BSAT 3c/JCSat 110-R – 2011-041B
PakSat-1R – 2011-042A
HaiYang 2A – 2011-043A
EduSAT – 2011-044A
NigeriaSat 2 – 2011-044B
NigeriaSat-X – 2011-044C
RASAT – 2011-044D
AprizeSat-5 – 2011-044E
AprizeSat-6 – 2011-044F
Sich-2 – 2011-044G

Satellites Removed
Intelsat 705 – 1995-013A
ERS-2 – 1995-021A
Intelsat-3R – 1996-002A
GPS-30 (USA 128) – 1996-056A
Echostar 4 – 1998-028A
Globalstar M003 – 1998-003D
Globalstar M008 – 1998-023D
Globalstar M036 – 1999-004C
Globalstar M022 – 1999-012A
Globalstar M041 – 1999-012B
Globalstar M046 – 1999-012C
Globalstar M019 – 1999-019B
Globalstar M044 – 1999-019C
Globalstar M042 – 1999-019D
Globalstar M043 – 1999-041C

Globalstar M024 – 1999-043A
Globalstar M053 – 1999-043D
Globalstar M058 – 1999-049A
Globalstar M050 – 1999-049B
Globalstar M055 – 1999-049D
Globalstar M057 – 1999-058A
Globalstar M034 – 1999-062B
Globalstar M062 – 2000-008B
Globalstar M060 – 2000-008C
GPS-49 (USA 203) – 2009-014A
WISE – 2009-071A

Satellites Added and Deleted for May 1, 2011 release
This version of the database includes satellites launched through April 30, 2011.

The changes to this version of the database include:

- The addition of 12 satellites
- The deletion of 5 satellites
- The addition of and corrections to some satellite data.

Satellites Added

Rapid Pathfinder Program (USA 225) – 2011-006A
Glonass 701 (Cosmos 2471) – 2011-009A
X-37B Orbital Test Vehicle-2 (USA 226) – 2011-010A
SDS III-6 (USA 227) – 2011-011A
Compass G-8 (Beidou IGSO-3) – 2011-013A
SB-WASS 3-5 (USA 229) – 2011-014A
SB-WASS 3-5 (USA 229) – 2011-014B
Resourcesat 2 – 2011-015A
YouthSat – 2011-015B
X-Sat – 2011-015C
Intelsat New Dawn – 2011-016A
Yahsat 1A – 2011-016B

Additionally, Galaxy 15 was returned to the database after its jaunt through space.

Satellites Removed

Satcom-C3 – 1992-060B
Meteosat-6 -- 1993-073B
Nahuel 1 – 1997-002B
ALOS (Daichi) -- 2006-002A
Insat-4CR – 2007-037A

Satellites Added and Deleted for February 1, 2011 release
This version of the database includes satellites launched through January 31, 2011.

The changes to this version of the database include:

- The addition of 19 satellites
- The deletion of 18 satellites
- The addition of and corrections to some satellite data. We undertook a thorough look to make sure the NORAD numbers and satellite names still correctly corresponded, since some satellites get renamed after launch and some confusion can result during multiple launches and in constellations. A number of changes were made to the COSMOS/GLONASS satellites, the GLOBALSTAR satellites, the GONETS and STRELA series. More variations were added to the "Additional names" column in a number of cases.

Satellites Added

(December 2010 saw the launch of numerous nanosats/cubesats: Perseus 0-3, QBX1-2, Mayflower, SMDC ONE, Dragon C1. These satellites had all deorbited by the time of this release.)

Meridian 3 – 2010-058A
Fengyun 3B – 2010-059A
Skymed 4 – 2010-060A
SkyTerra 1 – 2010-061A
STPSAT 2 (USA 217) – 2010-062A
RAX (USA 218) – 2010-062B
O/OREOS (USA 219) – 2010-062C
FalconSat 5 (USA 221) – 2010-062E
FAST 1 (USA 222) – 2010-062F
USA 223 – 2010-063A
Zhongxing 20A – 2010-064A
HYLAS 1 – 2010-065A
Intelsat 17 – 2010-065B
Compass Beidou IGSO 2 – 2010-068A
KA-SAT – 2010-069A
Hispasat 1E – 2010-070A
Koreasat 6 – 2010-070B
Electro-L1 – 2011-001A
USA 224 (NRO L49) – 2011-002A

Satellites Removed

Intelsat-2 – 1994-040A
Oceansat-1 (IPS P4) – 1999-029C
Globalstar M49 – 1999-031B
QuikSCAT – 1999-034A
Globalstar M51 – 1999-037D
Globalstar M48 – 1999-0411D
MTI (Multispectral Thermal Imager) – 2000-014A
WMAP – 2001-027A
Alsat-1 – 2002-054A
FY-2C – 2004-042A
Kirari (OICETS) – 2005-031A
Orbcomm QL1 – 2008-031A
Orbcomm QL3 – 2008-031C
Orbcomm CDS – 2008-031F
Aerocube-3 – 2009-028E
Meridian-2 – 2009-029A
X-37B (OTV-1) – 2010-015A
SDS-1 – 2009-002C

Satellites Added and Deleted for November 1, 2010 release
This version of the database includes satellites launched through November 1, 2010.

The changes to this version of the database include:

- The addition of 37 satellites
- The deletion of 24 satellites
- The addition of and corrections to some satellite data, in particular correcting the association of satellite ID number with the names of some of the large constellation (ORBCOMM, Iridium, Globalstar) satellites
- The addition of a link to the What's Up? tool. This database, developed by our colleague Wang Ting, combines information from the U.S. Space Track catalog and the UCS Satellite Database and presents it visually in Google Earth. http://wangting.org/whatsup/ .

Satellites Added

Echostar 15 – 2010-034A
Cartosat 2B – 2010-035A
STUDSat – 2010-035B
AISSat 1 – 2010-035C
Alsat 2A – 2010-035D
TISat 1 – 2010-035E
Compass IGSO-1 – 2010-036A
Nilesat 201 – 2010-037A

Rascom QAF 1 R – 2010-037B
Yaogan 10 – 2010-038A
AEHF 1 (USA 214) – 2010-039A
Tianhui 1 – 2010-040A
Glonass 736 (Cosmos 2464) – 2010-041A
Glonass 737 (Cosmos 2465) – 2010-041B
Glonass 738 (Cosmos 2466) – 2010-041C
Sinosat 6A (Chinasat 6A) – 2010-042A
Strela-3 (Cosmos 2467) – 2010-043A
Strela-3 (Cosmos 2468) – 2010-043B
Gonets-M – 2010-043C
QZS 1 (Michibiki) – 2010-045A
FIA Radar 1 (USA 215) – 2010-046A
Yaogan 11 – 2010-047A
XP-1A – 2010-047B
XP-1B – 2010-047C
SBSS (USA 216) – 2010-048A
US-KS 0ko (Cosmos 2469) – 2010-049A
Shijian 6G -- 2010-050A
Shijian 6H – 2010-050B
Sirius-XM5 – 2010-053A
Globalstar MO79 – 2010-054A
Globalstar MO74 – 2010-054B
Globalstar MO76 – 2010-054C
Globalstar MO77 – 2010-054D
Globalstar MO75 – 2010-054E
Globalstar MO73 – 2010-054F
BSAT-3B – 2010-056B
Compass-G4 (Beidou G4) – 2010-057A

Satellites Removed from Database

Trumpet-1 (USA 103) – 1994-026A
Trumpet-2 (USA 112) – 1995-034A
Keyhole 1 (USA 116) – 1995-066A
Measat-2 – 1996-063B
BSAT-1A – 1997-016B
Intelsat-802 – 1997-031A
TRACE – 1998-020A
Yamal-102 – 1999-047B
Jian Bing 3A – 2000-050A
Prognoz-13 (Cosmos 2379) – 2001-037A
CBERS-2 – 2003-049A
Genesat-1 – 2006-058C
US-KS Oko-87 (Cosmos 2422) – 2006-030A
THEMIS-B – 2007-004B

THEMIS-C – 2007-004C
IGS-3B – 2007-005A
Zheda Pixing – 2007-019B
CBERS-2B – 2007-042A
Rascom QAF-1 – 2007-063A
Prognoz (Cosmos 2440) – 2008-033A
Pharmasat – 2009-028B
Ande-Castor – 2009-038F
Ande-Pollux – 2009-038E
Kobalt-M (Cosmos 2462) – 2010-014A

Satellites Added and Deleted for July 1, 2010 release
This version of the database includes satellites launched through July 1, 2010.

The changes to this version of the database include:

- The addition of 18 satellites
- The deletion of 4 satellites
- The addition of and corrections to some satellite data

Satellites Added

Cryosat-2 – 2010-013A
Kobalt-M [Cosmos 2462] – 2010-014A
X-37B OTV-1 [USA 212) – 2010-015A
SES 1 – 2010-016A
Parus-99 [Cosmos 2463] – 2010-017A
Astra 3B – 2010-021A
ComsatBw-2 – 2010-021B
Navstar GPS 62 [USA 213] – 2010-022A
SERVIS 2 – 2010-023A
Compass G-3 – 2010-024A
Arabsat 5B – 2010-025A
Shijian-12 – 2010-027A
Picard – 2010-028A
PRISMA – 2010-028B
TanDEM-X – 2010-030A
Ofeq 9 – 2010-031A
COMS-1 – 2010-032A
Arabsat 5A – 2010-032B

Satellites Removed

LES-9 – 1976-023B
Galaxy-9 -- 1996-033A

SERVIS-1 – 2003-050A
Galaxy-15 – 2005-041A

Satellites Added and Deleted for April 1, 2010 release
This version of the database includes satellites launched through April 1, 2010.

The changes to this version of the database include:

- The addition of 12 satellites
- The deletion of 10 satellites
- The addition of and corrections to some satellite data

Satellites Added

Beidou 3 – 2010-001A
Raduga 1M – 2010-002A
SDO (Solar Dynamics Observatory) – 2010-005A
Intelsat 16 – 2010-006A
Glonass 731 [Cosmos 2459] – 2010-007A
Glonass 735 [Cosmos 2461] – 2010-007B
Glonass 732 [Cosmos 2460] – 2010-007C
GOES-15 [GOES-P] – 2010-008A
Yaogan 9A – 2010-009A
Yaogan 9B – 2010-009B
Yaogan 9C – 2010-009C
Echostar 14 – 2010-010A

Satellites Removed

Thaicom-1A – 1993-078B
Intelsat-4 – 1995-040A
Eutelsat W2 – 1998-056A
Raduga 1-5 [Cosmos 2372] – 2000-049A
IceSat – 2003-002A
Raduga 1-7 [Cosmos 2406] – 2004-010A
Glonass 713 [Cosmos 2418) – 2005-050B
Yaogan-1 – 2006-015A
CAPE-1 – 2007-012P
Beidou-2 [Compass G2] – 2009-018A

Satellites Added and Deleted for January 1, 2010 release
This version of the database includes satellites launched through January 1, 2010.

The changes to this version of the database include:

- The addition of 24 satellites

- The deletion of 17 satellites
- The addition of and corrections to some satellite data

Satellites Added

Amazonas 2 – 2009-054A
COMSATBW 1 – 2009-054B
Worldview 2 – 2009-055A
DMSP 5D-3 F18 [USA 210] – 2009-057A
NSS 12 – 2009-058A
Thor 6 – 2009-058B
SMOS – 2009-059A
PROBA 2 – 2009-059B
Shijian 11-01 – 2009-061A
Lotos-S [Cosmos 2455] – 2009-063A
Intelsat 14 – 2009-064A
Eutelsat W7 – 2009-065A
IGS 5A – 2009-066A
Intelsat 15 – 2009-067A
WGS F3 [USA 211] – 2009-068A
Yaogan 7 – 2009-069A
Glonass 730 [Cosmos 2456] – 2009-070A
Glonass 733 [Cosmos 2457] – 2009-070B
Glonass 734 [Cosmos 2458] – 2009-070C
WISE – 2009-071A
Yaogan 8 – 2009-072A
Xi Wang 1 – 2009-072B
Helios 2B – 2009-073A
DirecTV 12 – 2009-075A

Satellites Removed

Superbird A1 – 1992-084A
Intelsat 704 – 1995-001A
Telecom 2C – 1995-067A
GOES-10 [GOES-K] – 1997-019A
Globalstar FM-32 – 1999-037A
Clémentine – 1999-064B
Express-A3 – 2000-031A
Glonass-701 [Cosmos 2404] – 2003-056C
STPSat-1 – 2007-006D
Orbcomm QL2 – 2008-031B
Orbcomm QL5 – 2008-031E
Orbcomm CDS 3-1 – 2008-031F
Kagayaki – 2009-002D
Kukai – 2009-002G

SpriteSAT – 2009-002F
KKS-1 – 2009-002H
UWE-2 – 2009-051B

Changes to the October 1, 2009 release of the UCS Satellite Database
This version of the database includes launches through October 1, 2009.

The changes to this version of the database include:

- The addition of 34 satellites
- The deletion of 18 satellites
- The addition of and corrections to some satellite data

Satellites Added:

TerreStar 1 – 2009-035A
Rodnik-5 [Cosmos 2451] – 2009-036A
Rodnik-6 [Cosmos 2452] – 2009-036B
Rodnik-7 [Cosmos 2453] – 2009-036C
RazakSat – 2009-037A
ANDE Pollux – 2009-038E
ANDE Castor – 2009-038F
Parus-98 [Cosmos 2454] – 2009-039A
Sterkh-1 – 2009-039B
Deimos 1 – 2009-041A
DubaiSat 1 – 2009-041B
UK-DMC-2 – 2009-041C
AprizeSat-4 -- 2009-041D
Nanosat-1 – 2009-041E
AprizeSat-5 – 2009-041F
AsiaSat 5 – 2009-042A
Navstar GPS 50 [USA 206] – 2009-043A
JCSAT-12 – 2009-044A
Optus D3 – 2009-044B
Palapa D – 2009-046A
PAN-1 [USA 207] – 2009-047A
Meteor-M – 2009-049A
Sterkh-2 – 2009-049B
Tatiana 2 – 2009-049D
UGATUSAT – 2009-049E
SumbandilaSat – 2009-049F
Nimiq 5 – 2009-050A
Oceansat-2 – 2009-051A
BeeSat – 2009-051B
UWE 2 – 2009-051C
SwissCube – 2009-051D

ITU-pSAT1 – 2009-051E
STSS Demo 1 [USA 208] – 2009-052A
STSS Demo 2 [USA 209] – 2009-052B

Satellites Removed:

Spot 2 – 1990-005A
Navstar GPS 25 [USA 79] – 1992-009A
Wavsat-1 – 1993-061E
Apstar-1 1994 -- 043A
Optus-B3 --1994-055A
Nimiq-3 [DirecTV-3] – 1995-029A
Amos-1 – 1996-030B
Apstar-1A -- 1996-039A
Echostar-5 -- 1999-050A
Wavsat-2 – 1999-021A
Bilsat-1 – 2003-042E
Glonass 795 [Cosmos 2403] – 2003-056B
XSS-11 [USA 165] – 2005-011A
Meridian-1 – 2006-061A
Beidou-1D – 2007-003A
Orbcomm QL4 -- 2008-031D
Kobalt-M [Cosmos 2450] – 2009-022A
CP-6 -- 2009-028D

Changes to the July 1, 2009 release of the UCS Satellite Database
This version of the database includes launches through July 1, 2009.

The changes to this version of the database include:

- The addition of 19 satellites
- The deletion of 8 satellites
- The addition of and corrections to some satellite data

Satellites Added:

Eutelsat W2A – 2009-016A
WGS F2 (Wideband Global Satcom 2 [USA 204]) – 2009-017A
Beidou 2 (Compass G2) – 2009-018A
RISAT 2 (Radar Imaging Satellite 2) – 2009-019A
ANUSAT (Anna University Satellite) – 2009-019B
Sicral 1B – 2009-020A
Yaogan 6 – 2009-021A
Kobalt-M (Cosmos 2450) – 2009-022A
STSS ATRR (USA 205) – 2009-023A

Protostar 2 – 2009-027A
Tacsat-3 – 2009-028A
Pharmasat – 2009-028B
Hawksat 1 – 2009-028C
CP-6 – 2009-028D
Aerocube 3 – 2009-028E
Meridian 2 – 2009-029A
Measat 3A – 2009-032A
GOES 14 – 2009-033A
Sirius FM5 – 2009-034A

Satellites Deleted:

DSCS III-F7 (USA 93) – 1993-046A
GFO (GEOSAT Follow-on) – 1998-007A
Galaxy 4R – 2000-020A
Gorizont-45 (Gorizont-33) – 2000-029A
Beidou-1A – 2000-069A
Monitor-E (2005-032A)
Eutelsat W2M – 2008-065B
TDRS-1 – 1983-026B

Changes to the April 13, 2009 release of the UCS Satellite Database
This version of the database includes launches through April 1, 2009.

The changes to this version of the database include:

- The addition of 21 satellites
- The deletion of 41 satellites
- The addition of and corrections to some satellite data

The relatively large number of satellites removed in this update does not reflect a surge in satellite failures. Instead, we had suspected many of these satellites were no longer operational, but only recently found enough sources to confirm it.

Nota bene: the Iranian satellite Omid was launched after the last update and became inactive before this update, so it never appears in the UCS Satellite Database.

Satellites Added:

NROL-26 [USA 202] – 2009-001A
Ibuki [GOSat) – 2009-002A
Prism – 2009-002B
SDS-1 – 2009-002C
Kagayaki –2009-002D
SOHLA 1 – 2009-002E

SpriteSAT – 2009-002F
Kukai – 2009-002G
KKS-1 – 2009-002H
Koronas-Foton – 2009-003A
NOAA-19 – 2009-005A
Express-AM44 – 2009-007A
Express-MD1 – 2009-007B
NSS-9 – 2009-008A
Hot Bird 10 – 2009-008B
SPIRALE-A – 2009-008C
SPIRALE-B – 2009-008D
Telstar 11N – 2009-009A
Radula 1 [Cosmos 2450] – 2009-10A
GOCE – 2009-013A
Navstar GPS 49 [USA 203] – 2009-014A

Satellites Deleted:

UoSat-2 [Oscar 11] – 1984-021B
SLDCOM-1 [USA 59] – 1990-050A
SB-WASS 2-1 [USA 60] – 1990-050B
SB-WASS 2-1 [USA 61] – 1990-050C
SB-WASS 2-1 [USA 62] – 1990-050D
LaCrosse/Onyx 2 [USA 69] – 1991-017A
Intelsat 605 – 1991-055A
Tubsat-A – 1991-050D
SLDCOM-2 [USA 72] – 1991-076A
Navstar GPS-35 [USA 94] – 1993-054A
PoSat-1 [Oscar 28] – 1993-061D
DirecTV-1 – 1993-078A
Orbcomm FM1 – 1995-017A
Orbcomm FM2 – 1995-017B
Gorizont-44 -- 1996-034A
SDS-II-3 [USA 125] – 1996-038A
Iridium 33 – 1997-051C
Iridium 28 – 1997-051E
LaCrosse/Onyx 3 [USA 133] – 1997-064A
Astra 5A – 1997-071A
Orbcomm FM3 – 1998-007B
Strela-3 [Cosmos 2352] – 1998-036A
Strela-3 [Cosmos 2353] – 1998-036B
Strela-3 [Cosmos 2354] – 1998-036C
Strela-3 [Cosmos 2355] – 1998-036D
Strela-3 [Cosmos 2356] – 1998-036E
Strela-3 [Cosmos 2357] – 1998-036F
Orbcomm FM17 – 1998-046A

Orbcomm FM26 – 1998-053F
Orbcomm FM28 – 1998-053H
WavSat-2 [UoSat-12] – 1999-021A
Orbcomm FM32 – 1999-065C
Multispectral Thermal Imager – 2000-014A
Meteor-3M-N1 – 2001-056A
Nadezhda 7 [COSPAS 10] – 2002-046A
KazSat 1 – 2006-022A
PehuenSat-1 [Oscar 63] – 2007-001D
CP-4 – 2007-012Q
CSTB-1 – 2007-012R
Persona N1 [Cosmos 2441] – 2008-037A
Kobalt-M [Cosmos 2445] – 2008-058A

Changes to the January 21, 2009 release of the UCS Satellite Database
This version of the database includes launches through January 1, 2009.

The Database page has been newly organized for easier navigation, and it has several new features, including some analysis:

- a **Satellite Quick Facts** box, giving current satellite counts, updated quarterly, and
- a **Quick Facts & Analysis** page, explaining the derivation of the **Satellite Quick Facts** and answering some more in-depth questions, updated occasionally

Also new to the Database page are:

- a **Quick Guide to Using the Database**, a how-to for several basic database tasks
- a **Featured Satellite**, detailing one of the interesting active satellites in the database, updated quarterly
- a link to the new **Space Age Trivia** page, highlighting interesting facts about space, past and present, updated quarterly

The other changes to this version of the database include:

- a reorganization of the orbital information into columns with "Class of Orbit," e.g., *LEO*, and "Type of Orbit," e.g., *Sun-Synchronous*. All GEO longitude information has been moved to the column "Longitude of GEO"
- The addition of 20 satellites
- The deletion of 14 inactive satellites
- The addition of and corrections to some satellite data
- The updating of the orbital information for the GEO satellites

Satellites Added:

THEOS (Thailand Earth Observation System) – 2008-049A

Interstellar Boundary Explorer (IBEX) – 2008-051A
Shijian 6E – 2008-053A
Shijian 6F – 2008-053B
COSMO-SkyMed 3 – 2008-054A
VeneSat-1 – 2008-055A
Shiyuan 3 – 2008-056A
Chuangxin 2 – 2008-056B
Astra 1M – 2008-057A
Kobalt M [Cosmos 2445] – 2008-058A
Yaogan-4 – 2008-061A
Cosmos 2446 – 2008-062A
Ceil-2 2008-063A
Yaogan 5 – 2008-064A
Hot Bird 9 – 2008-065A
Eutelsat W2M – 2008-065B
Fengyun 2E – 2008-066A
Glonass 727 [Cosmos 2447] -- 2008-067A
Glonass 728 [Cosmos 2448] -- 2008-067B
Glonass 729 [Cosmos 2449] -- 2008-067C

Satellites Removed:
Marisat-F2 – 1976-101A
TDRS-1 – 1983-026B
Orion/Magnum 3 [USA 67] – 1990-097B
DSP-16 [USA 72] – 1991-080B
Gorizont-40 – 1993-069A
DSP-17 [USA 107] – 1994-084A
KH-12-4 [USA 129] – 1996-072A
Chinasat-6 – 1997-021A
Thor-2 – 1997-025A
BSAT-1B – 1998-024B
UFO-9 [USA 140] – 1998-058A
Glonass 796 [Cosmos 2411] – 2004-053C
NigComSat-1 – 2007-018A
DSP-23 [USA 197] – 2007-054A

Changes to the October 6, 2008 release of the UCS Satellite Database
This version of the database includes launches through October 1, 2008.

The changes to this version of the database include:

- The addition of 22 satellites
- The deletion of 15 inactive satellites

- The addition of and corrections to some satellite data

Satellites Added:
Protostar 1 – 2008-034A
Badr 6 – 2008-034B
Echostar 11 – 2008-035A
Sar Lupe 5 – 2008-036A
Persona-N1 [Cosmos 2441] – 2008-037A
Superbird 7 – 2008-038A
AMC 21 – 2008-038B
INMARSAT 4F3 – 2008-039A
RapidEye-A – 2008-040A
RapidEye-B – 2008-040B
RapidEye-C – 2008-040C
RapidEye-D – 2008-040D
RapidEye-E – 2008-040E
HJ-1A [Huan Jing 1A] – 2008-041A
HJ-1B [Huan Jing 1B] – 2008-041B
GeoEye-1 – 2008-042A
Nimiq 4 – 2008-044A
Galaxy 19 – 2008-045A
Glonass 724 [Cosmos 2442] – 2008-046A
Glonass 725 [Cosmos 2443] – 2008-046B
Glonass 726 [Cosmos 2444] – 2008-046C
Theos – 2008-049A

Satellites Removed:
Telstar 11 – 1994-079A
Milstar DFS-2 – 1995-060A
NStar-B – 1996-007A
Echostar 2 – 1996-055A
Badr C – 1997-046A
BSat-1B – 1998-024B
Molniya 1-91 – 1998-054A
Intelsat 6B – 1998-075A
Yamal-102 – 1999-047B
Galaxy 11 – 1999-071A
Galaxy 10R – 2000-002A
Milstar DFS-5 – 2002-001A
Molniya 1-93 – 2004-005A
Superbird-6 – 2004-011A
Glonass 797 [Cosmos 2412] – 2004-053B

Changes to the July 8, 2008 release of the UCS Satellite Database
This version of the database includes launches through July 1, 2008.

The changes to this version of the database include:

- The addition of 34 satellites
- The deletion of 17 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
ICO G1 – 2008-016A
C/NOFS (Communication/Navigation Outage Forecasting System) – 2008-017A
Vinasat 1 – 2008-018A
Star One C2 – 2008-018B
TianLian 1 – 2008-019A
GIOVE-B – 2008-020A
CartoSat 2A – 2008-021A
CAN-X6 – 2008-021B
Cute 1.7 + APD II – 2008-021C
IMS-1 – 2008-021D
Compass-1 – 2008-021E
AAUSat-2 – 2008-021F
Delfi-C3 – 2008-021G
CAN-X2 – 2008-021H
SEEDS 2 – 2008-021J
Amos-3 – 2008-022A
Galaxy 18 – 2008-024A
Yubileiny – 2008-025A
Cosmos 2437 – 2008-025A
Cosmos 2438 – 2008-025B
Cosmos 2439 – 2008-025C
Fengyun 3A – 2008-026A
Zhongxing 9 – 2008-028A
GLAST – 2008-029A
Skynet 5C – 2008-030A
Turksat 3A – 2008-030B
Orbcomm QL1 – 2008-031A
Orbcomm QL2 – 2008-031B
Orbcomm QL3 – 2008-031C
Orbcomm QL4 – 2008-031D
Orbcomm QL5 – 2008-031E
Orbcomm CDS 3-1 – 2008-031F
Jason 2 – 2008-032A
Cosmos 2440 – 2008-033A

Satellites Removed:
ATS-3 – 1967-111A

SBS-6 – 1990-091A
SB-WASS 2-2 (USA 74) – 1991-076C
SB-WASS 2-2 (USA 76) – 1991-076D
SB-WASS 2-2 (USA 77) – 1991-076E
Navstar GPS 32 – 1992-079A
Navstar GPS 29 – 1992-089A
Navstar GPS 37 – 1993-032A
Polar – 1996-013A
SB-WASS 2-3 (USA 121) – 1996-029C
SB-WASS 2-3 (USA 119) – 1996-029D
SB-WASS 2-3 (USA 120) – 1996-029E
Skynet 4D – 1998-002A
Thuraya 1 – 2000-066A
CHIPSat – 2003-002B
EORSAT (Cosmos 2421) – 2006-026A
AMC-14 – 2008-011A

Changes to the April 7, 2008 release of the UCS Satellite Database
This version of the database includes launches through April 1, 2008

The changes to this version of the database include:

- The addition of 10 satellites
- The deletion of 9 inactive satellites
- The addition of a column denoting the longitude for GEO satellites
- The addition of and corrections to some satellite data

Satellites Added:
Thuraya 3 – 2008-001A
TecSAR – 2008-002A
Express AM-33 – 2008-003A
Thor 2R – 2008-006A
Kizuna (WINDS – 2008-007A
NROL-28 (USA 200) – 2008-010A
AMC 14 – 2008-011A
Navstar GPS 48 – 2008-012A
DirectTV-11 – 2008-013A
SAR-Lupe 4 – 2008-014A

Satellites Deleted:
Kompsat-1 – 1999-070A
CHAMP – 2000-039B
Glonass-789 – 2001-053B
Fedsat – 2002-056B

Glonass-792 – 2002-060B
Quakesat – 2003-031F
Glonass-798 – 2005-050C
Tacsat-2 – 2006-058A
CP-3 – 2007-012M

Changes to the January 7, 2008 release of the UCS Satellite Database
This version of the database includes launches through December 31, 2007

The changes to this version of the database include:

- The addition of 28 satellites
- The deletion of 11 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
Optus D2 (2007-044A)
Intelsat 11 (2007-044B)
WGS F1 [USA 195] (2007-046A)
Navstar GPS 55 [GPS 2R-17, USA 196] (2007-047A)
Globalstar MO67 (2007-048A)
Globalstar MO70 (2007-048B)
Globalstar MO66 (2007-048C)
Globalstar MO68 (2007-048D)
US-KS Oko 88 [Cosmos 2430] (2007-049A)
Glonass 718 [Cosmos 2431] (2007-052A)
Glonass 719 [Cosmos 2432] (2007-052B)
Glonass 720 [Cosmos 2433] (2007-052C)
SAR-Lupe 3 (2007-053A)
DSP-23 [USA 197] (2007-054A)
Yaogan 3 (2007-055A)
Star One C1 (2007-056A)
Skynet 5B (2007-056B)
Sirius 4 (2007-057A)
Raduga 1-8 [Cosmos 2434] (2007-058A)
COSMO-Skymed 2 (2007-059A)
SDS III-6 [NROL-24, Scorpius, USA 198] (2007-060A)
Radarsat-2 (2007-061A)
Navstar GPS 57 [GPS 2R-18, USA 199] (2007-062A)
RASCOM-QAF 1 (2007-063A)
Horizons 2 (2007-063B)
Glonass 721 [Cosmos 2435] (2007-065A)
Glonass 722 [Cosmos 2436] (2007-065B)
Glonass 723 [Cosmos 2437] (2007-065C)

Satellites Deleted:

NATO-4A (1991-001A)
DirecTV-2 [Nimiq 4i] (1994-047A)
FUSE (1999-035A)
Molniya 3-49 (1998-040A)
Molniya 3-50 (1999-036A)
Tselina-2 [Cosmos 2369] (2000-006A)
Molniya 3-51 (2001-030A)
Nadezhda-6 [COSPAS-9] (2000-033A)
HETE-2 (2000-061A)
Molniya 3-52 (2001-050A)
Double Star 1 [TC-1] (2003-061A)

Changes to the September 27, 2007 release of the UCS Satellite Database
This version of the database includes launches through September 25, 2007

The changes to this version of the database include:

- The addition of 12 satellites
- The deletion of 14 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
SB-WASS 3-4 [USA 194, NRO L30] (2007-027A)
SB-WASS 3-4 [USA 194, NRO L30] (2007-027C)
Cosmos-2428 (2007-029A)
SAR-Lupe 2 (2007-030A)
ChinaSat 6B (2007-031A)
DirecTV 10 (2007-032A)
Spaceway-3 (2007-036A)
BSAT-3A (2007-036B)
INSAT-4CR (2007-037A)
Parus-97 [Cosmos 2429] (2007-038A)
Worldview 1 (2007-041A)
CBERS-2B (2007-042A)

Satellites Deleted:
GOES-7 [GOES-H] (1987-022A)
NOAA-12 (1991-032A)
Gorizont-37 [Gorizont 26] (1992-043A)
GOES-9 [GOES-J] (1995-025A)
JAS-2 [Fuji-Oscar 29] (1996-046B)
HALCA (1997-005A)
IMAGE (2000-017A)
Orbview-3 (2003-030A)

Gravity Probe B (2004-014A)
HitSat (2006-041D)
NextSat (2007-006C)
Orbital Express 1A (2007-006A)
Libertad-1 (2007-012N)
Cosmos-2427 [Kobalt M] (2007-022A)

Changes to the April 9, 2007 release of the UCS Satellite Database
This version of the database includes launches through April 6, 2007

The changes to this version of the database include:

- The addition of 18 satellites
- The deletion of 16 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
LAPAN-Tubsat (2007-001A)
CartoSat 2A (2007-001B)
PehuenSat 1 (2007-001D)
THEMIS 1 (2007-004A)
THEMIS 2 (2007-004B)
THEMIS 3 (2007-004C)
THEMIS 4 (2007-004D)
THEMIS 5 (2007-004E)
IGS 3B (2007-005A)
IGS 4A (2007-005B)
ASTRO [part of Orbital Express] (2007-006A)
MIDStar 1 (2007-006B)
NextSat/CSC [part of Orbital Express] (2007-006C)
STPSat-1 (2007-006D)
FalconSat 3 (2007-006E)
CFESat (2007-006F)
INSAT-4B (2007-007A)
Skynet-5A (2007-007B)

Satellites Deleted:
Navstar GPS 15 (1990-088A)
Gorizont 36 (1992-017A)
Optus B1 (1992-054A)
Satcom-C4 (1992-057A)
DMSP F12 (1994-057A)
JCSat 3 (1995-043A)
Thaicom-3 (1997-016A)
Iridium 36 (1997-056C)
Sapphire (2001-043D)

Cosmos 2388 (2002-017A)
IGS-1B (2003-009B)
Streak [STP-R1] (2005-037A)
Cute-1.7 (2006-005C)
Space Technology 5A (2006-008A)
Space Technology 5B (2006-008B)
Space Technology 5C (2006-008C)

Changes to the January 4, 2007 release of the UCS Satellite Database
This version of the database includes launches through December 27, 2006

The changes to this version of the database include:

- The addition of 27 satellites
- The deletion of 11 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
IGS-3A (Information Gathering Satellite 3A) – 2006-037A
Zhongxing 22A – 2006-038A
Hinode (Solar B) – 2006-041A
HitSat (Oscar 59) – 2006-041B
Navstar 52 (USA 190) – 2006-042A
DirecTV-9S – 2006-043A
Optus D1 – 2006-043B
MetOp-A – 2006-044A
Shijian 6C – 2006-046A
Shijian 6D – 2006-046B
XM-4 – 2006-049A
DMSP 5D-3 F17 (USA 191) – 2006-050A
Arabsat 4B – 2006-051A
Navstar 58 (USA 192) – 2006-052A
Fengyun-2D – 2006-053A
WildBlue-1 – 2006-054A
Americom-18 – 2006-054B
Measat-3 – 2006-056A
NROL-21 (USA 193) – 2006-057A
TacSat-2 – 2006-058A
GeneSat-1 – 2006-058B
SAR-Lupe 1 – 2006-060A
Meridian 1 – 2006-061A
Glonass (Cosmos 2424) – 2006-062A
Glonass (Cosmos 2425) – 2006-062B
Glonass (Cosmos 2426) – 2006-062C
CoRoT (Convection, Rotation des Étoiles et Transits des Planètes Extrasolaires) – 2006-063A

Satellites Deleted:
Intelsat 604 – 1990-056A
UoSat-5 (Oscar 22) – 1991-050B
Hispasat 1B – 1993-048A
Amrad (Oscar 27) – 1993-061C
N Star A – 1995-044A
DirecTV-6 (Tempo 2) – 1997-011A
Techsat 1B (Oscar 32) – 1998-043D
Raduga 1-6 (Globus) – 2001-045A
Tiungsat-1 (Oscar 46) – 2000-057A
MicroLabSat – 2002-056D
Shenzhou 6 – 2005-040A

Changes to the September 21, 2006 release of the UCS Satellite Database
This version of the database includes launches through September 10, 2006

The changes to this version of the database include:

- The addition of 14 satellites
- The deletion of 7 inactive satellites
- The addition of and corrections to some satellite data

Satellites Added:
Resurs DK-1 – 2006-021A
KazSat 1 – 2006-022A
Galaxy 16 – 2006-023A
MITEX (Micro-Satellite Technology Experiment, USA 187) – 2006-024A
MITEX (Micro-Satellite Technology Experiment, USA 188) – 2006 -024B
EORSAT (Cosmos 2421) – 2006-026A
NROL-22 (USA 184) – 2006-027A
Genesis-1 – 2006-029A
Oko-87 (Cosmos 2422) – 2006-030A
Kompsat 2 – 2006-031A
Hot Bird 8 – 2006-032A
JCSat 10 – 2006-033A
Syracuse 3B – 2006-033B
KoreaSat 5 – 2006-034A

Satellites Deleted:
Astra-1B – 1991-015A
Eutelsat II-F2 – 1991-003B
Nadezhda 1 (COSPAS 4) – 1989-050a
Kobalt-M (Cosmos 2420) – 2006-017A
Galaxy 1R – 1994-013A

Esiafi-1 – 1981-018A
Raduga 1-4 – 1999-010A

Changes to the June 19, 2006 release of the UCS Satellite Database
This version of the database includes launches through June 15, 2006.

The changes to this version of the database include:

- The addition of 19 satellites
- The deletion of 14 inactive satellites
- The addition of and corrections to some satellite data

We have also added a tab-delimited text version in which the "Name" column contains only the official name of the satellite in the case of government and military satellites, and the most commonly used name in the case of commercial and civil satellites. This file is called "UCS_Satellite_Database_officialname_6-19-06.txt".

And we have added some supporting materials which can be accessed from http://ucsusa.org/satellite_database : 1) this document listing the changes to the database, including the names of the satellites added and deleted, and 2) a brief note addressing some of the common misconceptions about the database and its contents.

Satellites Added:
Space Technology 5-A (ST5-A) - 2006-008A
Space Technology 5-B (ST5-B) - 2006-008B
Space Technology 5-C (ST5-C) - 2006-008C
JCSAT 9 – 2006-010A
COSMIC-A – 2006-011A
COSMIC-B – 2006-011B
COSMIC-C – 2006-011C
COSMIC-D – 2006-011D
COSMIC-E – 2006-011E
COSMIC-F – 2006-011F
Astra 1KR – 2006-012A
EROS B-1 – 2006-014A
Remote Sensing Satellite 1 (RSS 1) - 2006-015A
CloudSat – 2006-016A
Calipso – 2006-016B
Cosmos 2420 (Kobalt-M) – 2006-017A
GOES 13 – 2006-018A
SatMex 6 – 2006-020A
Thaicom 5 – 2006-020B

Satellites Deleted:

Anik E-1 (Telesat 11) - 1991-067A
Anik E-2 (Telesat 10) - 1991-026A
DSCS III-F4 (DSCS III A-2, USA 44) – 1989-069B
DSCS III-FT (DSCS III B-14, USA 78) – 1992-006A
EORSAT (Cosmos 2405) - 2004-020A
Eutelsat-II F-3 - 1991-083A
Express AM11 – 2004-015A
Gonets D1-8 (Cosmos 2385) – 2001-058B
Gorizont-43 - 1996-005A
Inmarsat 2-F3 - 1991-084B
Newsat-1 (Palapa B2R) - 1990-034A
Spacenet-4 - 1991-028A
Telecom 2A - 1991-084A
UFO-3 (USA 104) – 1994-035A

Changes to the March 17, 2006 release of the UCS Satellite Database
This version of the database includes launches through March 11, 2006.

The new file is named "UCS_Satellite_Database_3-17-06.xls". In addition, we have posted a tab-delimited text version of the data, named "UCS_Satellite_Database_3-17-06.txt" that can be used in other database programs.

The changes to this version of the database include:

- The addition of 19 satellites
- The deletion of 15 inactive satellites
- The addition of and corrections to some satellite data
- The addition of a column giving the eccentricity of the satellite's orbit
- The addition of our definition of "active" satellites to the User Guide