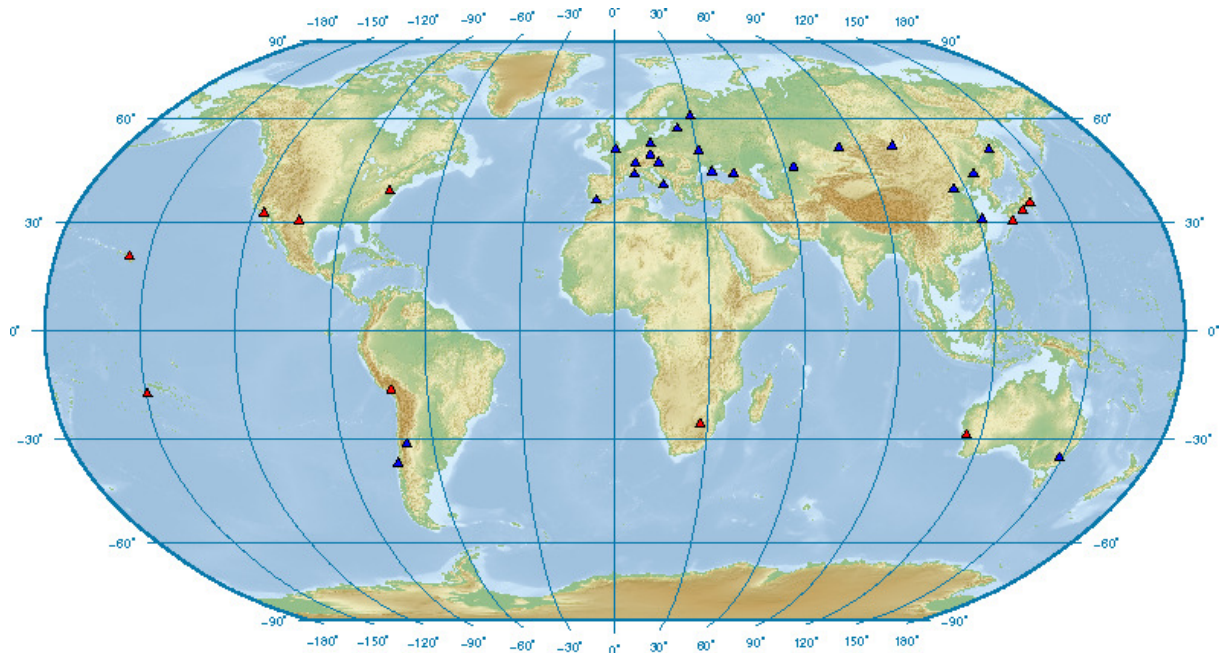


DGFI Report
No. 90

EDC Report 2012

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Christian Schwatke



SLR stations which sent data in CRD format to EDC (blue) and CDDIS (red) in 2012



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2013

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Contents

1	The EDC	1
1.1	ILRS Data Centers	1
1.2	ILRS Operation Centers	1
1.3	Data Flow within the ILRS	2
2	Common Statistics	3
2.1	Normal Points (CRD) by Station in 2012	3
2.2	Full-Rate (CRD) by Station in 2012	4
2.3	Predictions (CPF)	5
2.4	Time-Delay from Measurement to Data Center	6
3	Stations	8
3.1	Altay, Russia (1879)	9
3.2	Arequipa, Peru (7403)	12
3.3	Arkhyz, Russia (1886)	15
3.4	Badary, Russia (1890)	19
3.5	Baikonur, Kazakhstan (1887)	23
3.6	Beijing, China (7249)	26
3.7	Changchun, China (7237)	30
3.8	Concepcion, Chile (7405)	34
3.9	Golosiiv, Ukraine (1824)	37
3.10	Grasse, France (FTLRS) (7829)	40
3.11	Grasse, France (LLR) (7845)	43
3.12	Graz, Austria (7839)	47
3.13	Greenbelt, Maryland (7105)	51
3.14	Haleakala, Hawaii (7119)	55
3.15	Hartebeesthoek, South Africa (7501)	58
3.16	Herstmonceux, United Kingdom (7840)	61
3.17	Katzively, Ukraine (1893)	65
3.18	Koganei, Japan(CRL) (7308)	69
3.19	Komsomolsk-na-Amure, Russia (1868)	73
3.20	Kunming, China (7820)	76
3.21	Matera, Italy (MLRO) (7941)	79
3.22	McDonald Observatory, Texas (7080)	83
3.23	Monument Peak, California (7110)	87
3.24	Mt Stromlo, Australia (7825)	91
3.25	Potsdam, Germany (7841)	95
3.26	Riga, Latvia (1884)	99
3.27	Riyadh, Saudi Arabia (7832)	102
3.28	San Fernando, Spain (7824)	105
3.29	San Juan, Argentina (7406)	108
3.30	Shanghai, China (7821)	112
3.31	Simeiz, Ukraine (1873)	116
3.32	Simosato, Japan (7838)	120
3.33	Svetloe, Russia (1888)	123
3.34	Tahiti, French Polynesia (7124)	126
3.35	Tanegashima, Japan (7358)	129

3.36	Wetzell, Germany (WLR5) (8834)	132
3.37	Yarragadee, Australia (7090)	136
3.38	Zelenchukskya, Russia (1889)	140
3.39	Zimmerwald, Switzerland (7810)	144
4	Satellites	148
4.1	Ajisai (8606101)	149
4.2	Apollo-11 (0000100)	152
4.3	Apollo-14 (0000102)	154
4.4	Apollo-15 (0000103)	156
4.5	Beacon-C (6503201)	158
4.6	Blits (0904907)	161
4.7	Compass-G1 (1000101)	165
4.8	Compass-I3 (1101301)	168
4.9	Compass-I4 (1103801)	171
4.10	Compass-I5 (1107301)	173
4.11	Compass-M1 (0701101)	176
4.12	Compass-M3 (1201801)	179
4.13	Cryosat-2 (1001301)	182
4.14	Envisat (0200901)	185
4.15	Etalon-1 (8900103)	188
4.16	Etalon 2 (8903903)	191
4.17	Galileo-101 (1106001)	194
4.18	Galileo-102 (1106002)	197
4.19	Galileo-103 (1205501)	200
4.20	Galileo-104 (1205502)	203
4.21	Giove-A (0505101)	206
4.22	Giove-B (0802001)	209
4.23	Glonass-101 (0606203)	212
4.24	Glonass-102 (0606201)	215
4.25	Glonass-103 (0606202)	218
4.26	Glonass-105 (0705202)	221
4.27	Glonass-106 (0705201)	224
4.28	Glonass-107 (0706501)	227
4.29	Glonass-109 (0706503)	230
4.30	Glonass-110 (0804601)	233
4.31	Glonass-111 (0804602)	236
4.32	Glonass-114 (0806703)	239
4.33	Glonass-115 (0806702)	242
4.34	Glonass-116 (0907001)	245
4.35	Glonass-117 (0907002)	248
4.36	Glonass-118 (0907003)	251
4.37	Glonass-119 (1000701)	254
4.38	Glonass-120 (1000703)	257
4.39	Glonass-121 (1000702)	260
4.40	Glonass-122 (1004103)	263
4.41	Glonass-123 (1004102)	266
4.42	Glonass-124 (1004101)	269
4.43	Glonass-125 (1100901)	272
4.44	Glonass-126 (1105501)	275
4.45	Glonass-127 (1106403)	278
4.46	Glonass-128 (1106401)	281

4.47 Glonass-129 (1106402)	284
4.48 Glonass-130 (1107101)	287
4.49 Glonass-95 (0405302)	290
4.50 Goce (0901301)	292
4.51 GPS-35 (9305401)	295
4.52 GPS-36 (9401601)	298
4.53 Grace-A (0201201)	301
4.54 Grace-B (0201202)	304
4.55 HY-2A (1104301)	307
4.56 Jason-1 (0105501)	310
4.57 Jason-2 (0803201)	313
4.58 Lageos-1 (7603901)	317
4.59 Lageos-2 (9207002)	321
4.60 Lares (1200601)	324
4.61 Larets (0304206)	327
4.62 Luna-17 (0000101)	331
4.63 Luna-21 (0000104)	333
4.64 QSZ-1 (1004501)	335
4.65 RadioAstron (1103701)	338
4.66 Reflector (0105605)	340
4.67 Starlette (7501001)	342
4.68 Stella (9306102)	345
4.69 TanDEM-X (1003001)	348
4.70 TerraSAR-X (0702601)	351
4.71 Westpac (9804301)	354
4.72 ZY-3 (1200101)	356

1 The EDC

1.1 ILRS Data Centers

Since the foundation of the International Laser Ranging Service (ILRS) in 1998, two global ILRS Data Centers (DCs) were established.

- **EUROLAS Data Center (EDC)** at DGFI
- **Crustal Dynamics Data Information System (CDDIS)** at NASA

The tasks of the Data Centers are

- archiving data and products, and
- distributing data and products.

1.2 ILRS Operation Centers

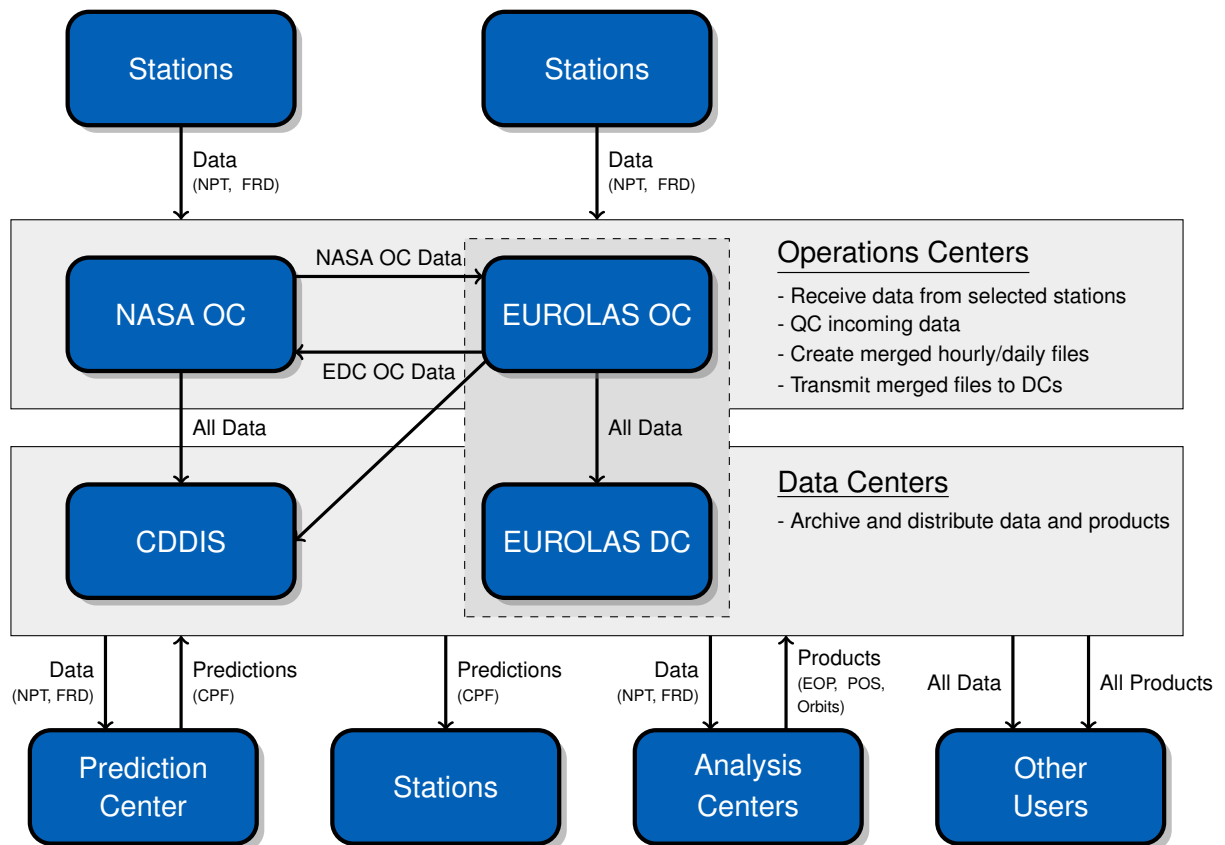
With the introduction of the Consolidated Laser Ranging Data Format (CRD) in 2009, two global ILRS Operation Centers (OCs) were established.

- **EUROLAS Data Center (EDC)** at DGFI
- **ITT**

The tasks of the Operation Centers are

- collecting data from the stations,
- checking the format of incoming data.
- exchanging hourly/daily data with the other OC,
- transmit data to the DC.

1.3 Data Flow within the ILRS



2 Common Statistics

2.1 Normal Points (CRD) by Station in 2012

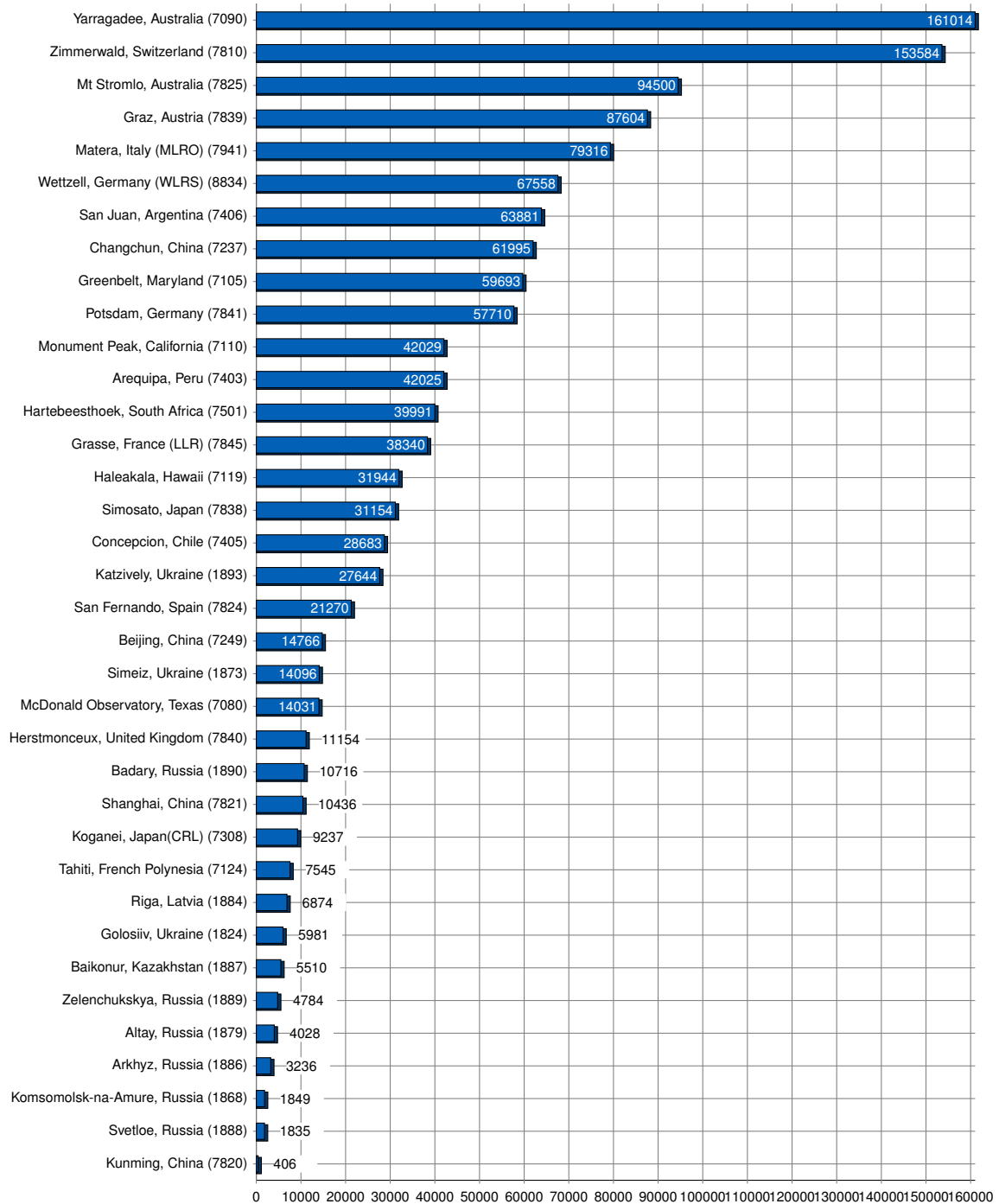


Figure 2.1: Number of Normal Points (CRD) by Station

2.2 Full-Rate (CRD) by Station in 2012

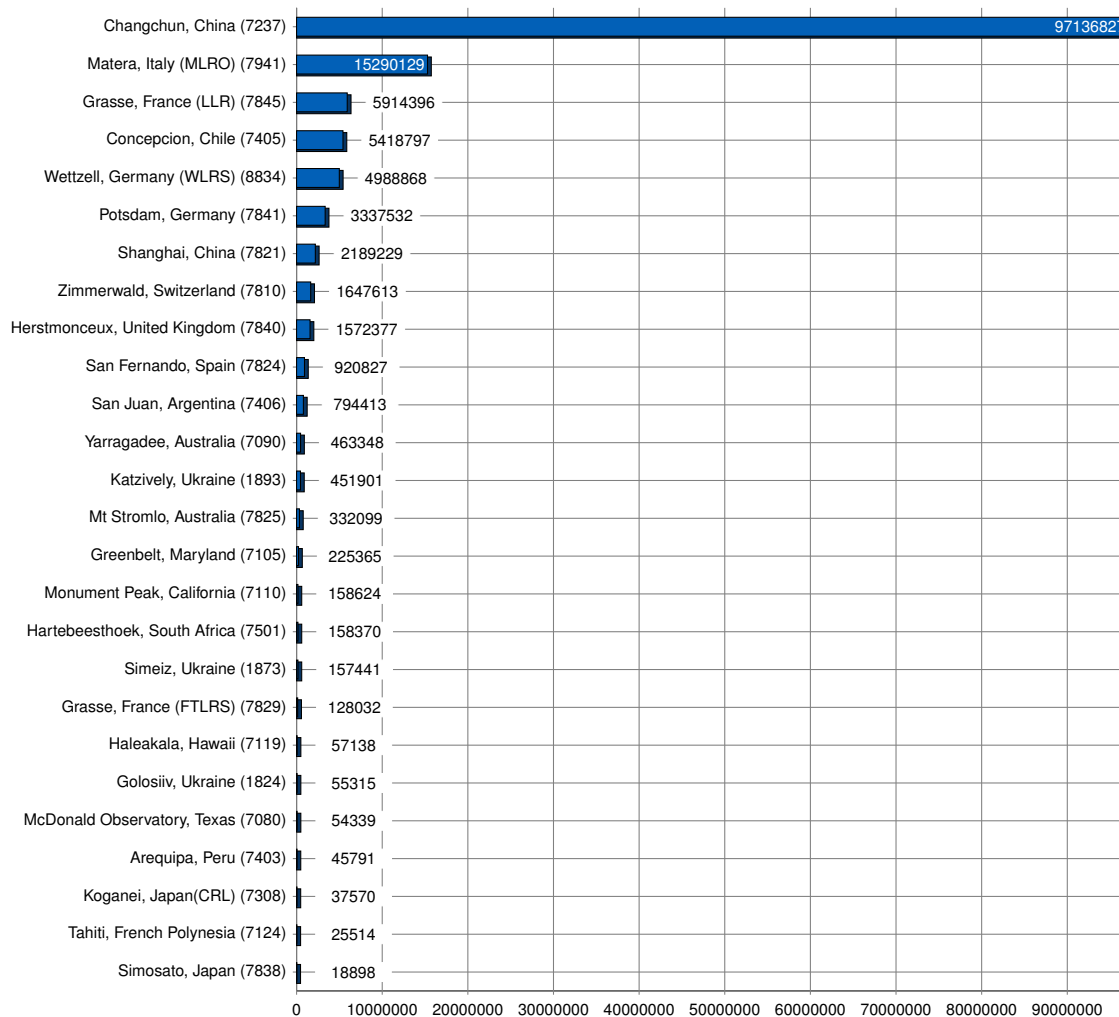


Figure 2.2: Number of Full-Rate Data by Station

2.3 Predictions (CPF)

The Figure 2.3 shows the number of predictions (CPF) which were send by the different prediction providers to the data centers.

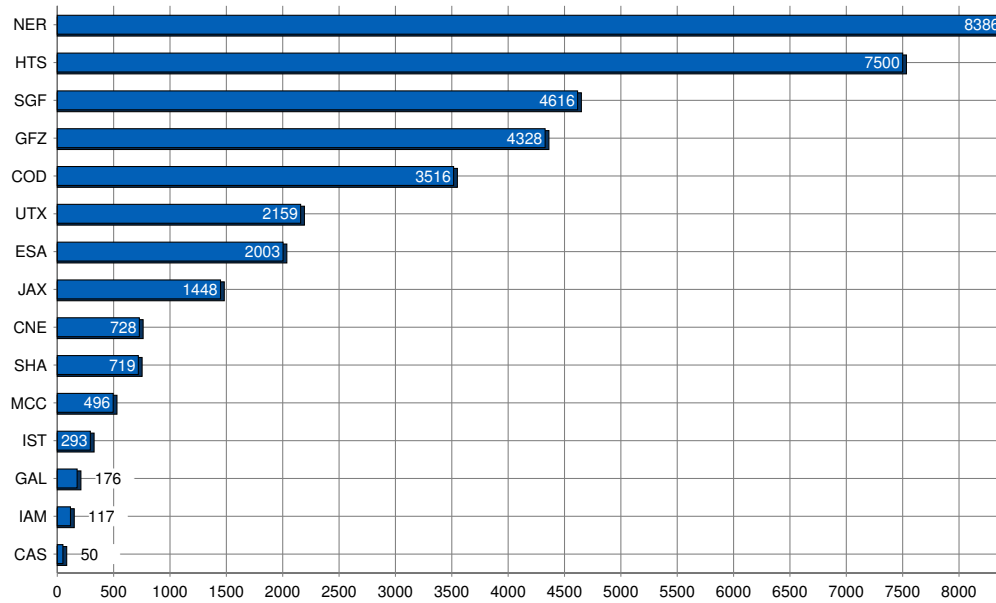


Figure 2.3: CPFs vs. Prediction Provider

2.4 Time-Delay from Measurement to Data Center

The statistics in this section show the time-delay between the start date of the SLR measurement and the arrival on FTP at the EDC. For the estimation of the time-delay the following criteria was used.

- only SLR data of 2012
- each data type was investigated individually (e.g. NPT, FRD)
- only 'valid' data sets
- only data sets with version '00' (no resubmitted data sets were considered)

The following two figures show the time-delay of the transmission of NPT (Figure: 2.4) and FRD (Figure: 2.5) data.

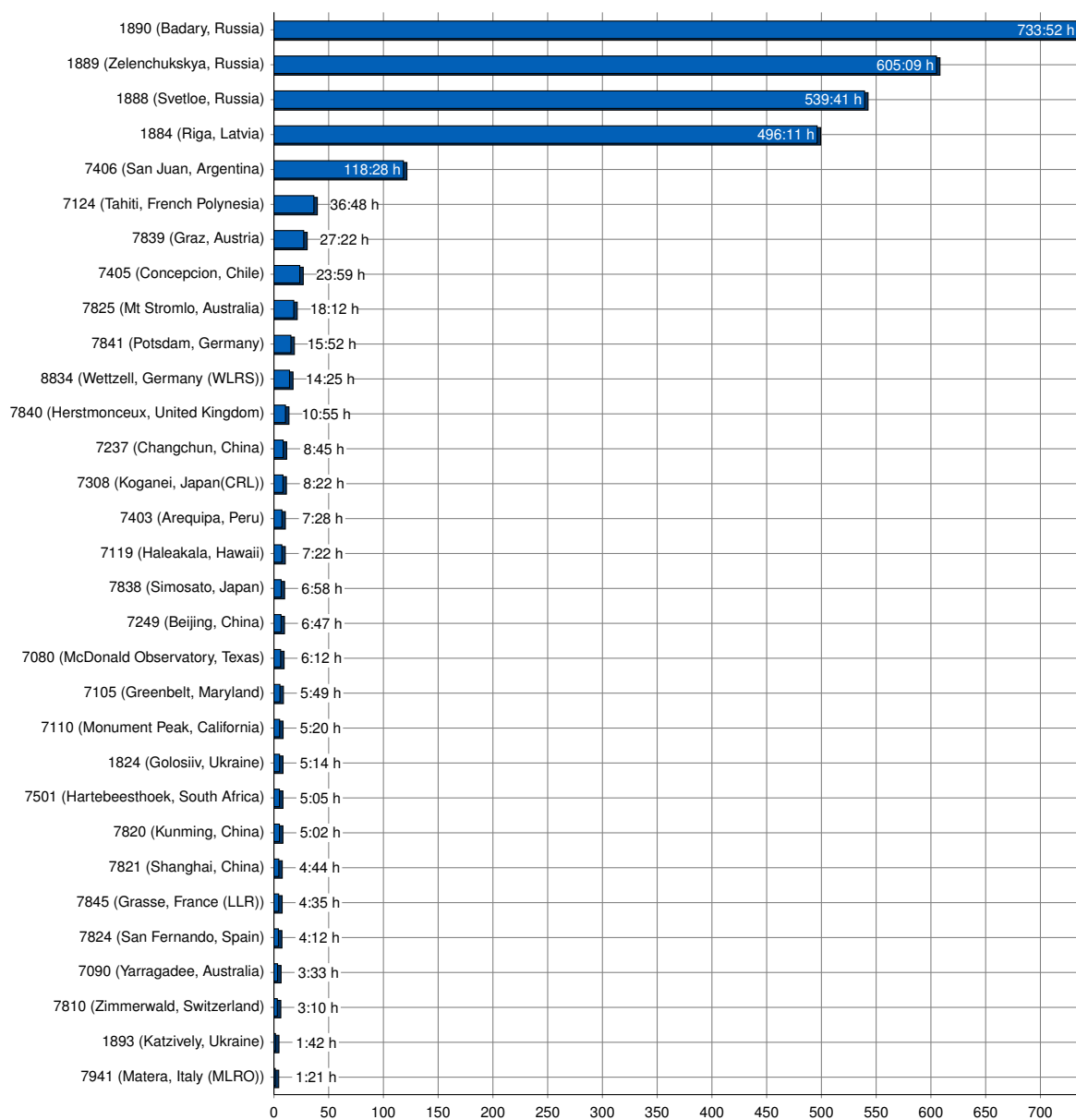


Figure 2.4: Time-delay of NPT data transfer for each station

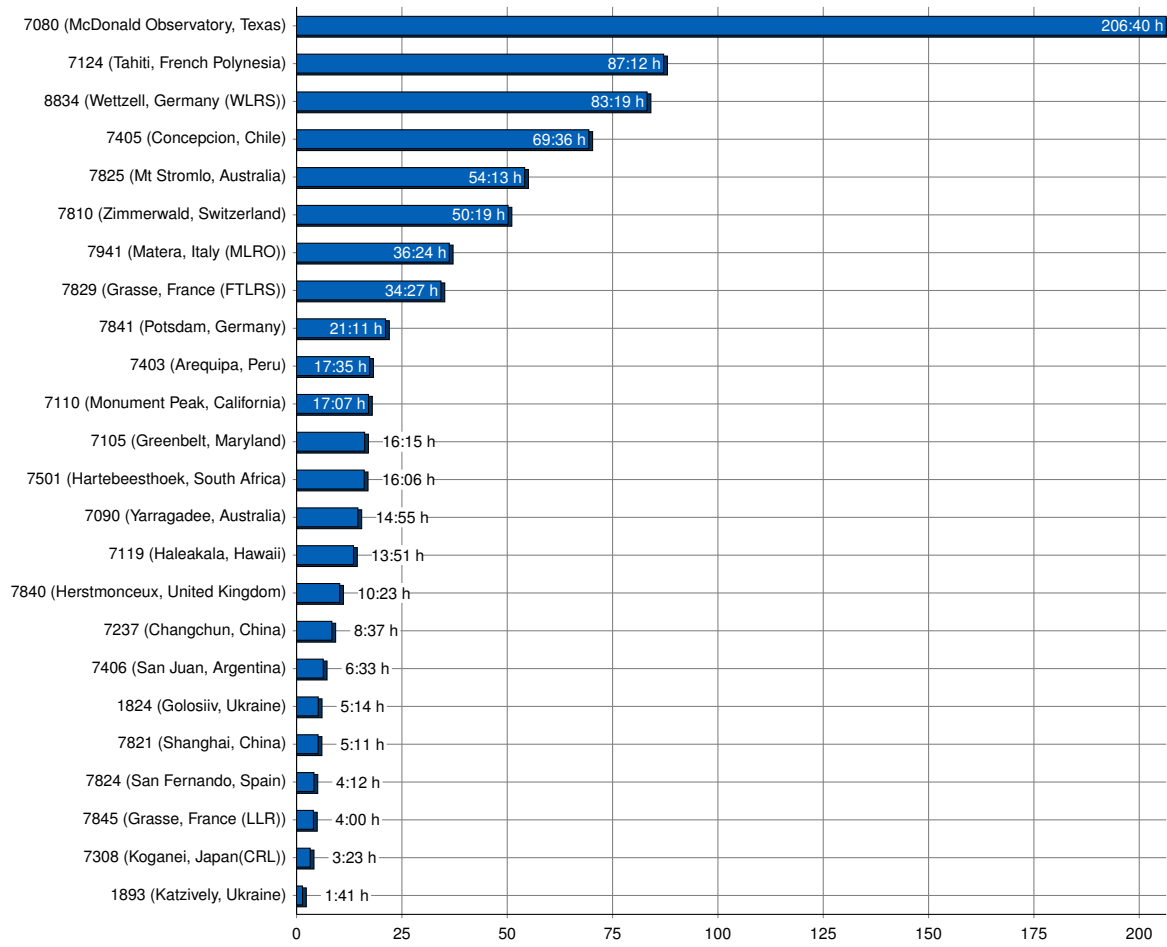


Figure 2.5: Time-delay of FRD data transfer for each station

3 Stations

In this chapter, detailed statistics of every SLR station in 2012 will be shown.

These statistics include

- station parameters,
- status of station,
- daily number of NPT, FRD, NP, FR observations,
- monthly number of NPT, FRD, NP, FR observations,
- yearly number of NPT, FRD, NP, FR observations, and

The 39 SLR stations tracked 71 targets in this year.

The following 4 new SLR stations extended the SLR network in 2012:

- Badary, Russia (1890)
- Daedeok, Korea (7359)
- Svetloe, Russia (1888)
- Zelenchukskya, Russia (1889)

3.1 Altay, Russia (1879)

3.1.1 Common Information

Site:	Altay, Russia
Code:	ALTL
Station ID:	1879
Datacenter:	EDC
SOD (DOMES):	18799401 (—)

3.1.2 Status of Station in 2012

SOD	Period	Status
18799401	2012-01-01 - 2012-03-21	Quarantine
18799401	2012-03-21 - 2012-12-31	Validated

3.1.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	607 ¹ / 155 ²	0 / 0	0 / 0	0 / 0
February	502 / 137	0 / 0	0 / 0	0 / 0
March	185 / 49	0 / 0	34 / 6	0 / 0
April	62 / 17	0 / 0	85 / 19	0 / 0
May	352 / 73	0 / 0	328 / 66	0 / 0
June	267 / 62	0 / 0	0 / 0	0 / 0
July	521 / 109	0 / 0	0 / 0	0 / 0
August	646 / 119	0 / 0	0 / 0	0 / 0
September	561 / 113	0 / 0	0 / 0	0 / 0
October	373 / 93	0 / 0	0 / 0	0 / 0
November	159 / 28	0 / 0	0 / 0	0 / 0
December	482 / 92	0 / 0	0 / 0	0 / 0
Year	4717 / 1047	0 / 0	447 / 91	0 / 0

¹ Number of observations; ² Number of files/passes

3.1.4 Statistics of Normal Points (CRD) in 2012

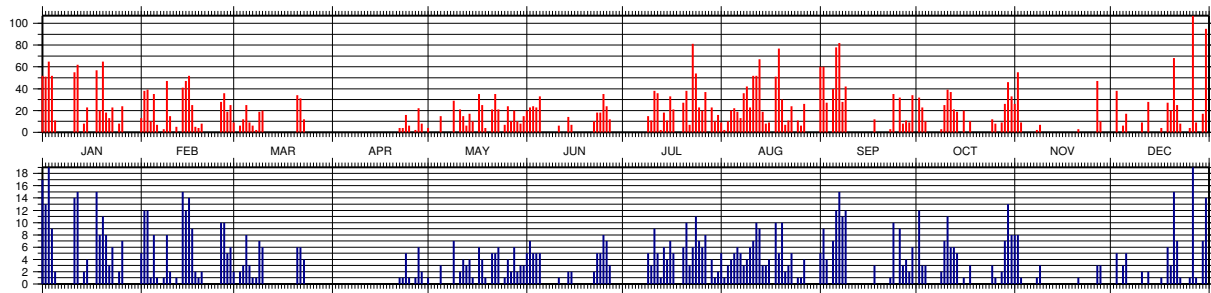


Figure 3.1: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.1.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.1.6 Statistics of Normal Points (CSTG) in 2012

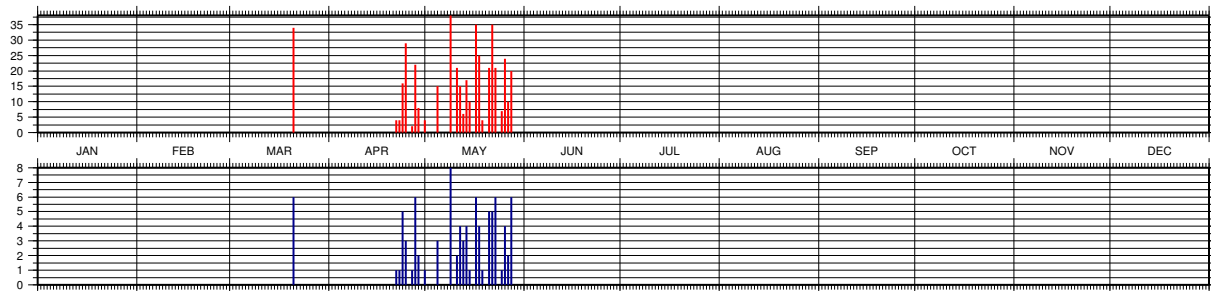


Figure 3.2: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.1.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.1.8 Satellites Tracked by Altay, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	65 ¹ / 5 ²	0 / 0	0 / 0	0 / 0
Blits (0904907)	456 / 76	0 / 0	71 / 10	0 / 0
Cryosat-2 (1001301)	50 / 3	0 / 0	0 / 0	0 / 0
Etalon 2 (8903903)	56 / 19	0 / 0	9 / 3	0 / 0
Etalon-1 (8900103)	79 / 27	0 / 0	2 / 1	0 / 0
GPS-36 (9401601)	12 / 5	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	6 / 2	0 / 0	0 / 0	0 / 0
Galileo-102 (1106002)	5 / 2	0 / 0	0 / 0	0 / 0
Giove-B (0802001)	5 / 2	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	196 / 80	0 / 0	11 / 4	0 / 0
Glonass-109 (0706503)	204 / 81	0 / 0	16 / 6	0 / 0
Glonass-110 (0804601)	167 / 72	0 / 0	14 / 4	0 / 0
Glonass-114 (0806703)	3 / 1	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	228 / 70	0 / 0	24 / 6	0 / 0
Glonass-116 (0907001)	4 / 2	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	265 / 109	0 / 0	46 / 18	0 / 0
Glonass-120 (1000703)	151 / 72	0 / 0	12 / 6	0 / 0
Glonass-122 (1004103)	4 / 2	0 / 0	0 / 0	0 / 0
Glonass-123 (1004102)	1 / 1	0 / 0	0 / 0	0 / 0
Glonass-124 (1004101)	5 / 2	0 / 0	0 / 0	0 / 0
Glonass-125 (1100901)	69 / 34	0 / 0	0 / 0	0 / 0
Glonass-126 (1105501)	2 / 1	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	3 / 1	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	15 / 7	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	138 / 46	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	243 / 12	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	89 / 4	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	40 / 4	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	165 / 8	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	189 / 9	0 / 0	0 / 0	0 / 0
Lageos-1 (7603901)	568 / 102	0 / 0	116 / 19	0 / 0
Lageos-2 (9207002)	582 / 105	0 / 0	22 / 4	0 / 0
Lares (1200601)	251 / 23	0 / 0	94 / 8	0 / 0
Larets (0304206)	391 / 57	0 / 0	10 / 2	0 / 0
Starlette (7501001)	10 / 1	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.2 Arequipa, Peru (7403)

3.2.1 Common Information

Site:	Arequipa, Peru
Code:	AREL
Station ID:	7403
Datacenter:	CDDIS
SOD (DOMES):	74031306 (42202M003)

3.2.2 Status of Station in 2012

SOD	Period	Status
74031306	2012-01-01 - 2012-04-11	Quarantine (released)
74031306	2012-04-11 - 2012-12-31	Validated

3.2.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	1477 / 134	0 / 0
February	0 / 0	0 / 0	516 / 58	0 / 0
March	0 / 0	0 / 0	1774 / 178	0 / 0
April	0 / 0	0 / 0	1303 / 130	0 / 0
May	6273 / 544	11684 / 41	3028 / 266	0 / 0
June	7218 / 592	15275 / 49	0 / 0	0 / 0
July	7302 / 578	15074 / 42	0 / 0	0 / 0
August	7028 / 570	10949 / 45	0 / 0	0 / 0
September	5525 / 471	9119 / 36	0 / 0	0 / 0
October	5244 / 458	7099 / 32	0 / 0	0 / 0
November	3289 / 303	5755 / 26	0 / 0	0 / 0
December	245 / 33	100 / 1	0 / 0	0 / 0
Year	42124 / 3549	75055 / 272	8098 / 766	0 / 0

¹ Number of observations; ² Number of files/passes

3.2.4 Statistics of Normal Points (CRD) in 2012

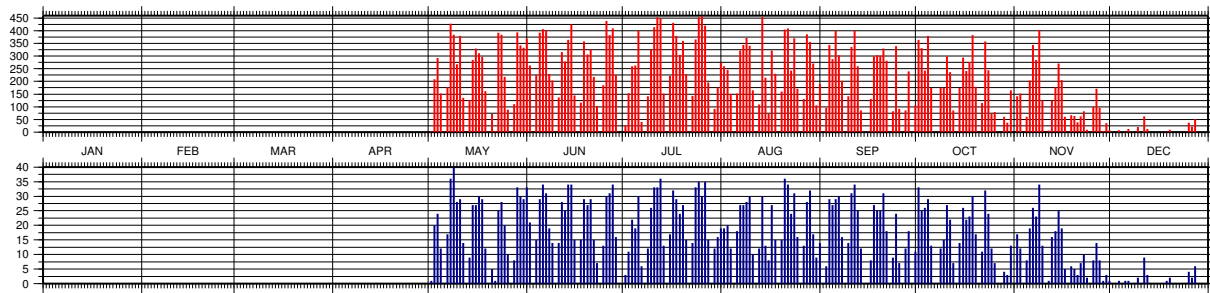


Figure 3.3: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.2.5 Statistics of Full-Rate (CRD) in 2012

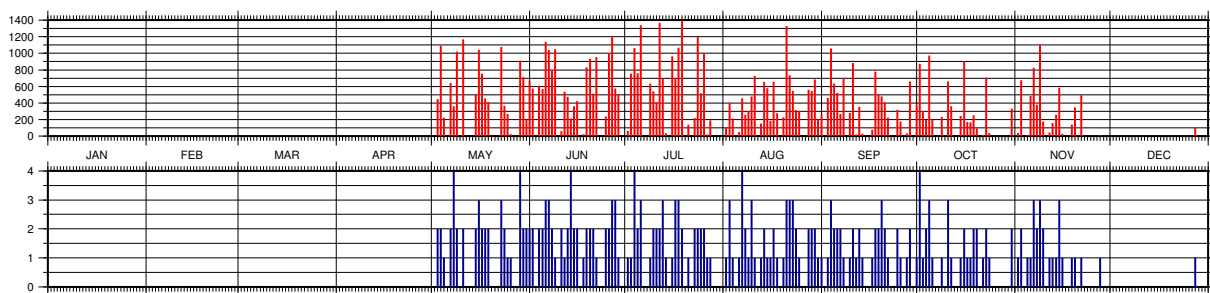


Figure 3.4: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.2.6 Statistics of Normal Points (CSTG) in 2012

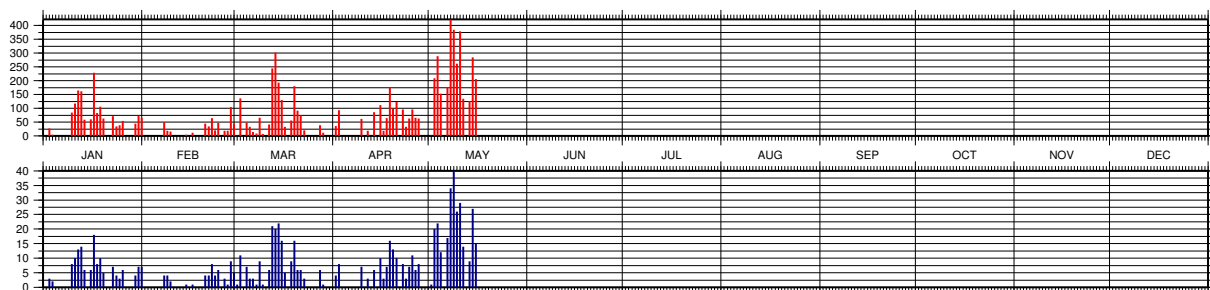


Figure 3.5: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.2.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.2.8 Satellites Tracked by Arequipa, Peru in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	7451 ¹ / 475 ²	0 / 0	1633 / 118	0 / 0
Beacon-C (6503201)	4377 / 300	0 / 0	758 / 64	0 / 0
Blits (0904907)	190 / 57	0 / 0	22 / 8	0 / 0
Cryosat-2 (1001301)	2396 / 202	0 / 0	416 / 43	0 / 0
Envisat (0200901)	122 / 22	0 / 0	444 / 43	0 / 0
Goce (0901301)	176 / 24	0 / 0	40 / 8	0 / 0
Grace-A (0201201)	1193 / 79	0 / 0	204 / 17	0 / 0
Grace-B (0201202)	694 / 57	0 / 0	224 / 16	0 / 0
HY-2A (1104301)	1507 / 187	0 / 0	214 / 26	0 / 0
Jason-1 (0105501)	3933 / 245	0 / 0	605 / 37	0 / 0
Jason-2 (0803201)	5029 / 275	75055 / 272	875 / 63	0 / 0
Lageos-1 (7603901)	1860 / 253	0 / 0	317 / 52	0 / 0
Lageos-2 (9207002)	1246 / 199	0 / 0	283 / 54	0 / 0
Lares (1200601)	2324 / 250	0 / 0	397 / 41	0 / 0
Larets (0304206)	865 / 146	0 / 0	125 / 22	0 / 0
Starlette (7501001)	3344 / 337	0 / 0	645 / 79	0 / 0
Stella (9306102)	2159 / 250	0 / 0	387 / 53	0 / 0
TanDEM-X (1003001)	1304 / 75	0 / 0	167 / 5	0 / 0
TerraSAR-X (0702601)	1929 / 113	0 / 0	342 / 17	0 / 0
ZY-3 (1200101)	25 / 3	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.3 Arkhyz, Russia (1886)

3.3.1 Common Information

Site:	Arkhyz, Russia
Code:	ARKL
Station ID:	1886
Datacenter:	EDC
SOD (DOMES):	18869601 (—)

3.3.2 Status of Station in 2012

SOD	Period	Status
18869601	2012-01-01 - 2012-03-21	Quarantine
18869601	2012-03-21 - 2012-12-31	Validated

3.3.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	77 ¹ / 15 ²	0 / 0	0 / 0	0 / 0
February	383 / 96	0 / 0	0 / 0	0 / 0
March	23 / 4	0 / 0	0 / 0	0 / 0
April	114 / 18	0 / 0	112 / 17	0 / 0
May	273 / 46	0 / 0	268 / 45	0 / 0
June	6 / 2	0 / 0	0 / 0	0 / 0
July	92 / 21	0 / 0	0 / 0	0 / 0
August	302 / 32	0 / 0	0 / 0	0 / 0
September	224 / 44	0 / 0	0 / 0	0 / 0
October	488 / 91	0 / 0	0 / 0	0 / 0
November	869 / 190	0 / 0	0 / 0	0 / 0
December	422 / 119	0 / 0	0 / 0	0 / 0
Year	3273 / 678	0 / 0	380 / 62	0 / 0

¹ Number of observations; ² Number of files/passes

3.3.4 Statistics of Normal Points (CRD) in 2012

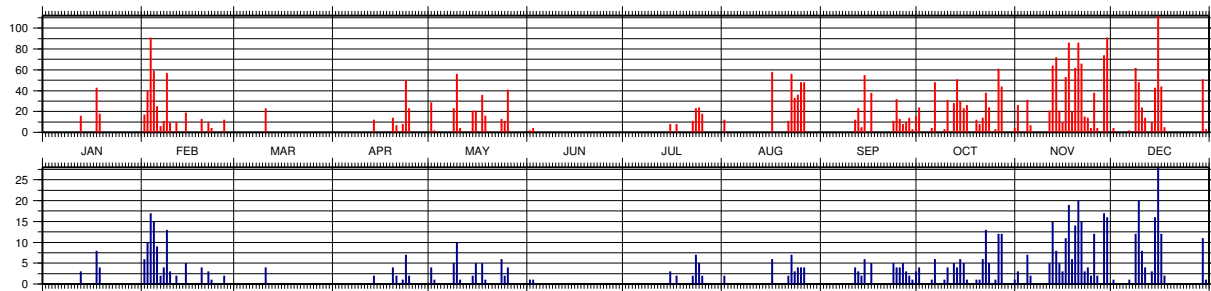


Figure 3.6: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.3.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.3.6 Statistics of Normal Points (CSTG) in 2012

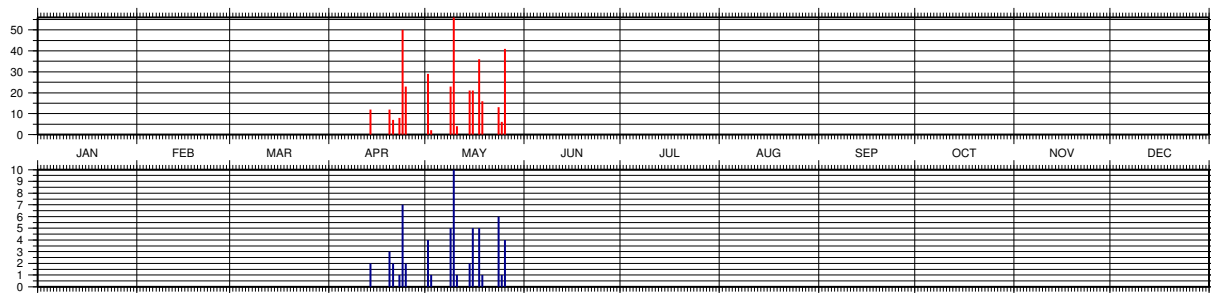


Figure 3.7: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.3.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.3.8 Satellites Tracked by Arkhyz, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	630 ¹ / 88 ²	0 / 0	163 / 24	0 / 0
Beacon-C (6503201)	222 / 27	0 / 0	43 / 4	0 / 0
Blits (0904907)	17 / 7	0 / 0	3 / 1	0 / 0
Etalon 2 (8903903)	9 / 4	0 / 0	4 / 1	0 / 0
Etalon-1 (8900103)	33 / 12	0 / 0	0 / 0	0 / 0
GPS-36 (9401601)	2 / 1	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	3 / 1	0 / 0	0 / 0	0 / 0
Giove-B (0802001)	9 / 3	0 / 0	5 / 2	0 / 0
Glionass-101 (0606203)	4 / 2	0 / 0	0 / 0	0 / 0
Glionass-102 (0606201)	96 / 35	0 / 0	2 / 1	0 / 0
Glionass-103 (0606202)	15 / 6	0 / 0	0 / 0	0 / 0
Glionass-105 (0705202)	14 / 6	0 / 0	0 / 0	0 / 0
Glionass-106 (0705201)	13 / 6	0 / 0	0 / 0	0 / 0
Glionass-107 (0706501)	4 / 2	0 / 0	0 / 0	0 / 0
Glionass-109 (0706503)	130 / 44	0 / 0	2 / 1	0 / 0
Glionass-110 (0804601)	64 / 19	0 / 0	3 / 1	0 / 0
Glionass-111 (0804602)	3 / 1	0 / 0	0 / 0	0 / 0
Glionass-115 (0806702)	36 / 12	0 / 0	5 / 1	0 / 0
Glionass-116 (0907001)	3 / 1	0 / 0	0 / 0	0 / 0
Glionass-117 (0907002)	7 / 3	0 / 0	0 / 0	0 / 0
Glionass-118 (0907003)	94 / 33	0 / 0	6 / 2	0 / 0
Glionass-119 (1000701)	5 / 2	0 / 0	0 / 0	0 / 0
Glionass-120 (1000703)	15 / 4	0 / 0	0 / 0	0 / 0
Glionass-121 (1000702)	4 / 1	0 / 0	0 / 0	0 / 0
Glionass-122 (1004103)	9 / 3	0 / 0	0 / 0	0 / 0
Glionass-123 (1004102)	6 / 2	0 / 0	0 / 0	0 / 0
Glionass-124 (1004101)	21 / 6	0 / 0	0 / 0	0 / 0
Glionass-125 (1100901)	2 / 1	0 / 0	0 / 0	0 / 0
Glionass-126 (1105501)	6 / 2	0 / 0	0 / 0	0 / 0
Glionass-127 (1106403)	8 / 3	0 / 0	0 / 0	0 / 0
Glionass-128 (1106401)	5 / 2	0 / 0	0 / 0	0 / 0
Glionass-129 (1106402)	49 / 17	0 / 0	0 / 0	0 / 0
Glionass-130 (1107101)	48 / 19	0 / 0	0 / 0	0 / 0
Glionass-95 (0405302)	7 / 2	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	17 / 1	0 / 0	17 / 1	0 / 0
Grace-B (0201202)	12 / 2	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
HY-2A (1104301)	12 ¹ / 4 ²	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	293 / 30	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	424 / 40	0 / 0	33 / 4	0 / 0
Lageos-1 (7603901)	306 / 75	0 / 0	69 / 11	0 / 0
Lageos-2 (9207002)	263 / 57	0 / 0	0 / 0	0 / 0
Lares (1200601)	49 / 3	0 / 0	0 / 0	0 / 0
Larets (0304206)	89 / 31	0 / 0	0 / 0	0 / 0
Starlette (7501001)	178 / 47	0 / 0	9 / 4	0 / 0
Stella (9306102)	37 / 11	0 / 0	16 / 4	0 / 0

¹ Number of observations; ² Number of files/passes

3.4 Badary, Russia (1890)

3.4.1 Common Information

Site:	Badary, Russia
Code:	BADL
Station ID:	1890
Datacenter:	EDC
SOD (DOMES):	18900901 (12338S004)

3.4.2 Status of Station in 2012

SOD	Period	Status
18900901	2012-01-01 - 2012-12-17	Quarantine (released)
18900901	2012-12-17 - 2012-12-31	Validated

3.4.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	733 ¹ / 75 ²	0 / 0	0 / 0	0 / 0
February	74 / 8	0 / 0	0 / 0	0 / 0
March	3818 / 332	0 / 0	10 / 2	0 / 0
April	4220 / 258	0 / 0	0 / 0	0 / 0
May	2785 / 192	0 / 0	0 / 0	0 / 0
June	594 / 63	0 / 0	0 / 0	0 / 0
July	934 / 58	0 / 0	0 / 0	0 / 0
August	2218 / 146	0 / 0	0 / 0	0 / 0
September	1365 / 116	0 / 0	0 / 0	0 / 0
October	532 / 52	0 / 0	0 / 0	0 / 0
November	478 / 44	0 / 0	47 / 5	0 / 0
December	25 / 2	0 / 0	0 / 0	0 / 0
Year	17776 / 1346	0 / 0	57 / 7	0 / 0

¹ Number of observations; ² Number of files/passes

3.4.4 Statistics of Normal Points (CRD) in 2012

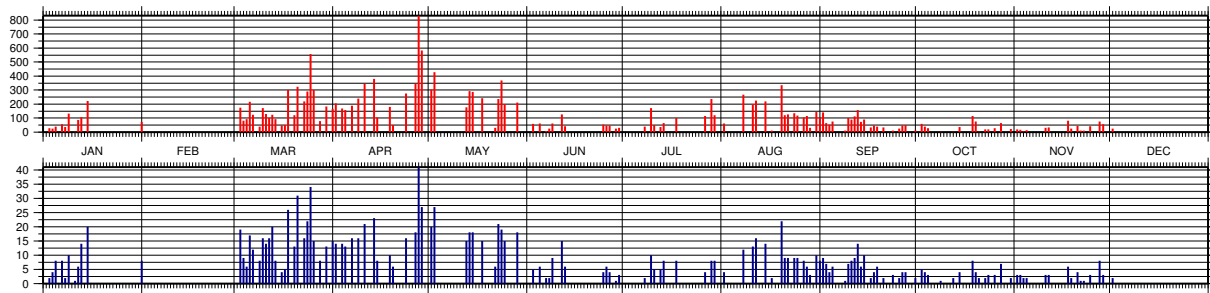


Figure 3.8: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.4.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.4.6 Statistics of Normal Points (CSTG) in 2012

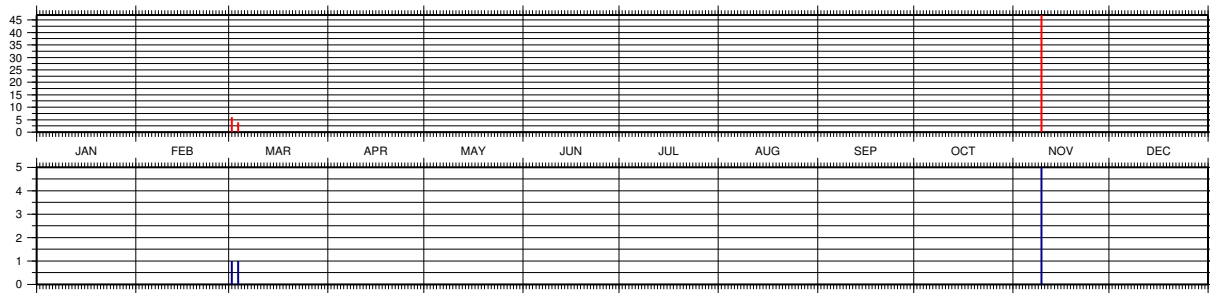


Figure 3.9: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.4.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.4.8 Satellites Tracked by Badary, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	2394 ¹ / 138 ²	0 / 0	0 / 0	0 / 0
Beacon-C (6503201)	324 / 21	0 / 0	0 / 0	0 / 0
Blits (0904907)	327 / 57	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	6 / 2	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	542 / 47	0 / 0	0 / 0	0 / 0
Envisat (0200901)	717 / 70	0 / 0	0 / 0	0 / 0
Etalon 2 (8903903)	6 / 2	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	11 / 2	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	12 / 2	0 / 0	0 / 0	0 / 0
Galileo-102 (1106002)	9 / 2	0 / 0	0 / 0	0 / 0
Glonass-101 (0606203)	21 / 4	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	6 / 2	0 / 0	0 / 0	0 / 0
Glonass-103 (0606202)	11 / 2	0 / 0	0 / 0	0 / 0
Glonass-106 (0705201)	8 / 3	0 / 0	0 / 0	0 / 0
Glonass-107 (0706501)	10 / 2	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	25 / 4	0 / 0	0 / 0	0 / 0
Glonass-110 (0804601)	19 / 6	0 / 0	0 / 0	0 / 0
Glonass-111 (0804602)	7 / 5	0 / 0	0 / 0	0 / 0
Glonass-114 (0806703)	31 / 6	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	11 / 2	0 / 0	0 / 0	0 / 0
Glonass-116 (0907001)	21 / 4	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	6 / 2	0 / 0	4 / 1	0 / 0
Glonass-119 (1000701)	2 / 2	0 / 0	0 / 0	0 / 0
Glonass-121 (1000702)	24 / 6	0 / 0	0 / 0	0 / 0
Glonass-122 (1004103)	26 / 5	0 / 0	0 / 0	0 / 0
Glonass-123 (1004102)	42 / 9	0 / 0	0 / 0	0 / 0
Glonass-124 (1004101)	19 / 4	0 / 0	0 / 0	0 / 0
Glonass-126 (1105501)	35 / 6	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	18 / 4	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	116 / 10	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	16 / 3	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	191 / 6	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	181 / 9	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	113 / 11	0 / 0	10 / 1	0 / 0
Jason-1 (0105501)	2190 / 108	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	4466 / 192	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Lageos-1 (7603901)	1489 ¹ / 150 ²	0 / 0	17 / 3	0 / 0
Lageos-2 (9207002)	779 / 84	0 / 0	0 / 0	0 / 0
Lares (1200601)	1828 / 159	0 / 0	0 / 0	0 / 0
Larets (0304206)	234 / 33	0 / 0	11 / 1	0 / 0
Starlette (7501001)	1035 / 97	0 / 0	15 / 1	0 / 0
Stella (9306102)	448 / 63	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.5 Baikonur, Kazakhstan (1887)

3.5.1 Common Information

Site:	Baikonur, Kazakhstan
Code:	BAIL
Station ID:	1887
Datacenter:	EDC
SOD (DOMES):	18879701 (—)

3.5.2 Status of Station in 2012

SOD	Period	Status
18879701	2012-01-01 - 2012-03-21	Quarantine
18879701	2012-03-21 - 2012-12-31	Validated

3.5.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	28 ¹ / 6 ²	0 / 0	0 / 0	0 / 0
February	225 / 44	0 / 0	0 / 0	0 / 0
March	70 / 12	0 / 0	51 / 9	0 / 0
April	285 / 38	0 / 0	274 / 37	0 / 0
May	533 / 74	0 / 0	469 / 69	0 / 0
June	309 / 37	0 / 0	0 / 0	0 / 0
July	525 / 106	0 / 0	0 / 0	0 / 0
August	1354 / 272	0 / 0	0 / 0	0 / 0
September	1456 / 307	0 / 0	0 / 0	0 / 0
October	741 / 210	0 / 0	0 / 0	0 / 0
November	346 / 83	0 / 0	0 / 0	0 / 0
December	137 / 30	0 / 0	0 / 0	0 / 0
Year	6009 / 1219	0 / 0	794 / 115	0 / 0

¹ Number of observations; ² Number of files/passes

3.5.4 Statistics of Normal Points (CRD) in 2012

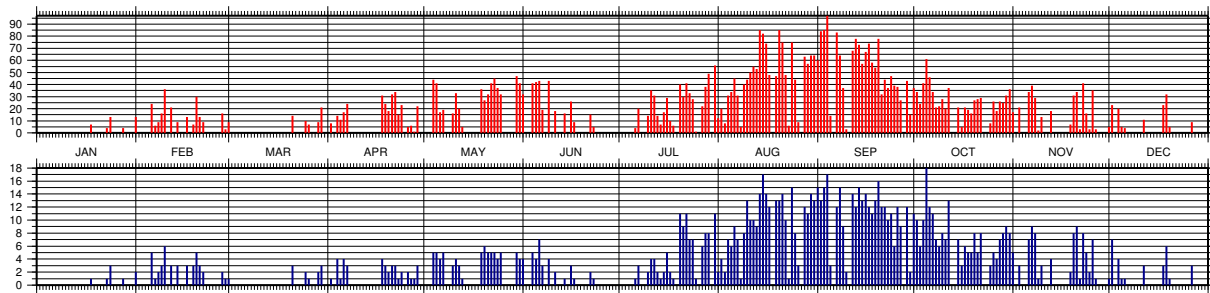


Figure 3.10: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.5.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.5.6 Statistics of Normal Points (CSTG) in 2012

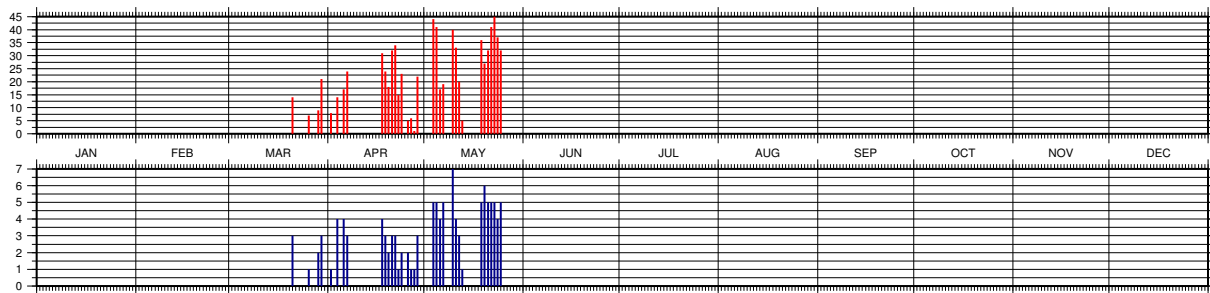


Figure 3.11: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.5.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.5.8 Satellites Tracked by Baikonur, Kazakhstan in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Blits (0904907)	364 ¹ / 74 ²	0 / 0	97 / 21	0 / 0
Etalon 2 (8903903)	100 / 36	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	103 / 37	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	213 / 71	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	193 / 58	0 / 0	0 / 0	0 / 0
Glonass-110 (0804601)	164 / 53	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	193 / 65	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	277 / 87	0 / 0	0 / 0	0 / 0
Glonass-122 (1004103)	6 / 2	0 / 0	0 / 0	0 / 0
Glonass-124 (1004101)	2 / 1	0 / 0	0 / 0	0 / 0
Glonass-125 (1100901)	47 / 18	0 / 0	0 / 0	0 / 0
Glonass-127 (1106403)	72 / 26	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	30 / 9	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	111 / 42	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	16 / 2	0 / 0	0 / 0	0 / 0
Lageos-1 (7603901)	811 / 118	0 / 0	376 / 48	0 / 0
Lageos-2 (9207002)	1628 / 333	0 / 0	28 / 6	0 / 0
Lares (1200601)	782 / 69	0 / 0	166 / 22	0 / 0
Larets (0304206)	302 / 51	0 / 0	20 / 5	0 / 0
Starlette (7501001)	595 / 67	0 / 0	107 / 13	0 / 0

¹ Number of observations; ² Number of files/passes

3.6 Beijing, China (7249)

3.6.1 Common Information

Site:	Beijing, China
Code:	BEIL
Station ID:	7249
Datacenter:	EDC
SOD (DOMES):	72496102 (21601S004)

3.6.2 Status of Station in 2012

SOD	Period	Status
72496102	2012-01-01 - 2012-03-07	Quarantine
72496102	2012-03-07 - 2012-12-31	Validated

3.6.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	3142 ¹ / 284 ²	0 / 0	3168 / 286	0 / 0
February	0 / 0	0 / 0	0 / 0	0 / 0
March	2250 / 368	0 / 0	2250 / 194	0 / 0
April	1450 / 270	0 / 0	1343 / 136	0 / 0
May	1426 / 237	0 / 0	1233 / 108	0 / 0
June	657 / 85	0 / 0	160 / 18	0 / 0
July	1071 / 85	0 / 0	0 / 0	0 / 0
August	0 / 0	0 / 0	0 / 0	0 / 0
September	1264 / 96	0 / 0	0 / 0	0 / 0
October	2765 / 200	0 / 0	0 / 0	0 / 0
November	1688 / 140	0 / 0	0 / 0	0 / 0
December	1033 / 81	0 / 0	0 / 0	0 / 0
Year	16746 / 1846	0 / 0	8154 / 742	0 / 0

¹ Number of observations; ² Number of files/passes

3.6.4 Statistics of Normal Points (CRD) in 2012

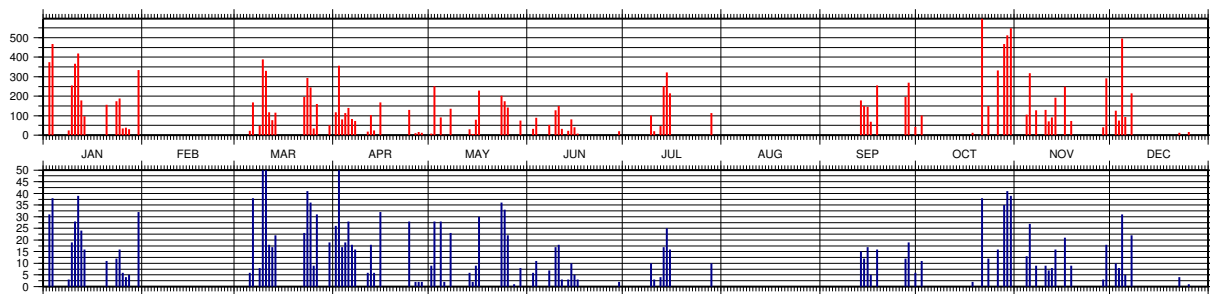


Figure 3.12: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.6.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.6.6 Statistics of Normal Points (CSTG) in 2012

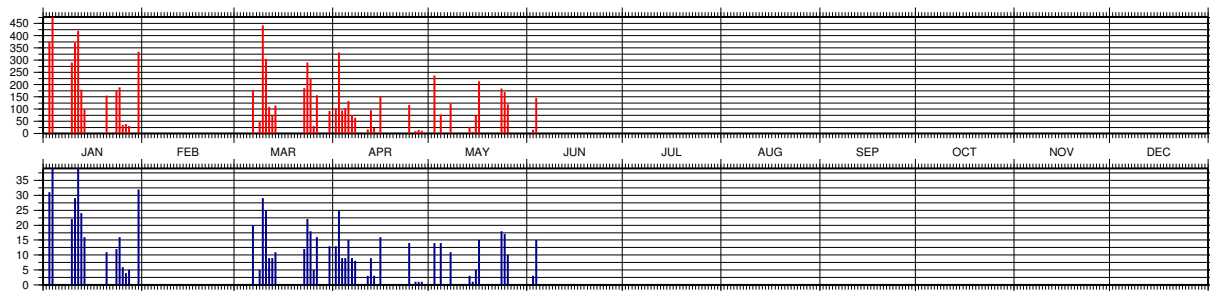


Figure 3.13: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.6.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.6.8 Satellites Tracked by Beijing, China in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1952 ¹ / 175 ²	0 / 0	847 / 59	0 / 0
Beacon-C (6503201)	1863 / 138	0 / 0	789 / 43	0 / 0
Blits (0904907)	215 / 64	0 / 0	118 / 28	0 / 0
Compass-G1 (1000101)	19 / 4	0 / 0	9 / 1	0 / 0
Compass-I3 (1101301)	66 / 12	0 / 0	13 / 1	0 / 0
Compass-I5 (1107301)	95 / 10	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	24 / 8	0 / 0	22 / 6	0 / 0
Compass-M3 (1201801)	8 / 2	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	698 / 58	0 / 0	160 / 12	0 / 0
Envisat (0200901)	403 / 55	0 / 0	389 / 32	0 / 0
Etalon 2 (8903903)	18 / 5	0 / 0	6 / 1	0 / 0
Etalon-1 (8900103)	34 / 8	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	36 / 10	0 / 0	31 / 5	0 / 0
Galileo-102 (1106002)	29 / 10	0 / 0	31 / 6	0 / 0
Glonass-102 (0606201)	129 / 33	0 / 0	56 / 12	0 / 0
Glonass-109 (0706503)	179 / 31	0 / 0	76 / 13	0 / 0
Glonass-110 (0804601)	157 / 35	0 / 0	90 / 15	0 / 0
Glonass-115 (0806702)	59 / 16	0 / 0	25 / 6	0 / 0
Glonass-118 (0907003)	122 / 20	0 / 0	33 / 6	0 / 0
Glonass-120 (1000703)	151 / 34	0 / 0	95 / 16	0 / 0
Glonass-125 (1100901)	10 / 2	0 / 0	10 / 2	0 / 0
Glonass-130 (1107101)	42 / 10	0 / 0	0 / 0	0 / 0
Goce (0901301)	65 / 5	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	562 / 41	0 / 0	260 / 17	0 / 0
Grace-B (0201202)	501 / 41	0 / 0	255 / 17	0 / 0
HY-2A (1104301)	232 / 35	0 / 0	69 / 12	0 / 0
Jason-1 (0105501)	1431 / 94	0 / 0	672 / 39	0 / 0
Jason-2 (0803201)	1871 / 127	0 / 0	971 / 53	0 / 0
Lageos-1 (7603901)	901 / 146	0 / 0	650 / 76	0 / 0
Lageos-2 (9207002)	592 / 78	0 / 0	274 / 35	0 / 0
Lares (1200601)	904 / 112	0 / 0	432 / 39	0 / 0
Larets (0304206)	334 / 58	0 / 0	152 / 25	0 / 0
QSZ-1 (1004501)	11 / 3	0 / 0	8 / 1	0 / 0
Starlette (7501001)	1959 / 244	0 / 0	1150 / 113	0 / 0
Stella (9306102)	675 / 96	0 / 0	314 / 39	0 / 0
TanDEM-X (1003001)	215 / 13	0 / 0	65 / 6	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
TerraSAR-X (0702601)	161 ¹ / 11 ²	0 / 0	82 / 6	0 / 0
ZY-3 (1200101)	23 / 2	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.7 Changchun, China (7237)

3.7.1 Common Information

Site:	Changchun, China
Code:	CHAL
Station ID:	7237
Datacenter:	EDC
SOD (DOMES):	72371901 (21611S001)

3.7.2 Status of Station in 2012

SOD	Period	Status
72371901	2012-01-01 - 2012-12-31	Validated

3.7.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	7138 ¹ / 993 ²	8159270 / 981	7148 / 995	5839072 / 700
February	8436 / 1175	11852638 / 1092	8843 / 1222	10574507 / 1072
March	4735 / 680	6286897 / 698	5353 / 748	5692385 / 631
April	3378 / 458	3333908 / 456	3166 / 434	2695764 / 403
May	3557 / 521	5399032 / 520	3582 / 528	4113304 / 446
June	1064 / 178	1502875 / 172	1066 / 178	1174813 / 138
July	3374 / 483	5292973 / 482	3030 / 433	4025229 / 376
August	5259 / 917	10845798 / 912	950 / 150	1352011 / 119
September	3944 / 648	7061955 / 639	0 / 0	0 / 0
October	7024 / 1235	13499637 / 1208	0 / 0	0 / 0
November	6623 / 1021	12532531 / 1012	0 / 0	0 / 0
December	7854 / 1301	11392499 / 1258	0 / 0	0 / 0
Year	62386 / 9610	97160013 / 9430	33138 / 4688	35467085 / 3885

¹ Number of observations; ² Number of files/passes

3.7.4 Statistics of Normal Points (CRD) in 2012

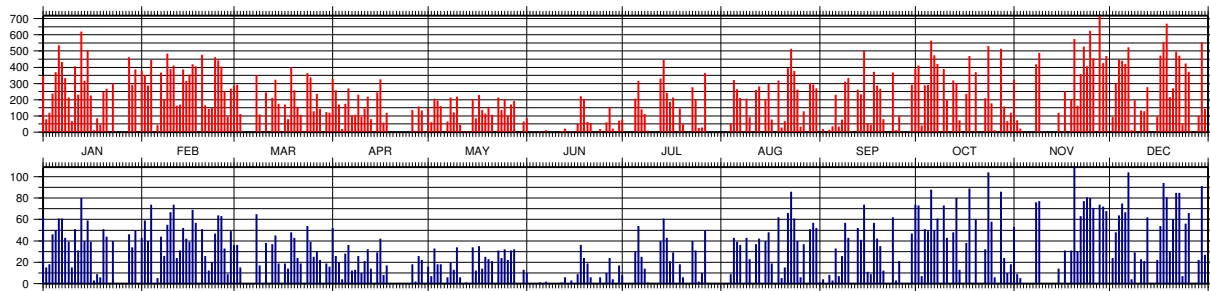


Figure 3.14: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.7.5 Statistics of Full-Rate (CRD) in 2012

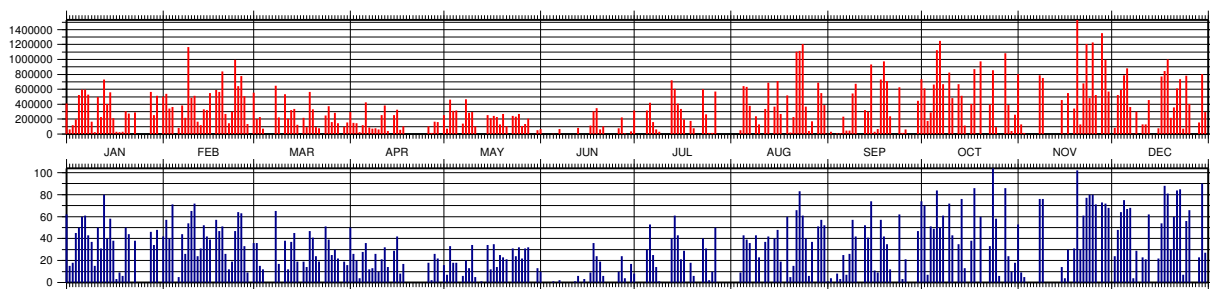


Figure 3.15: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.7.6 Statistics of Normal Points (CSTG) in 2012

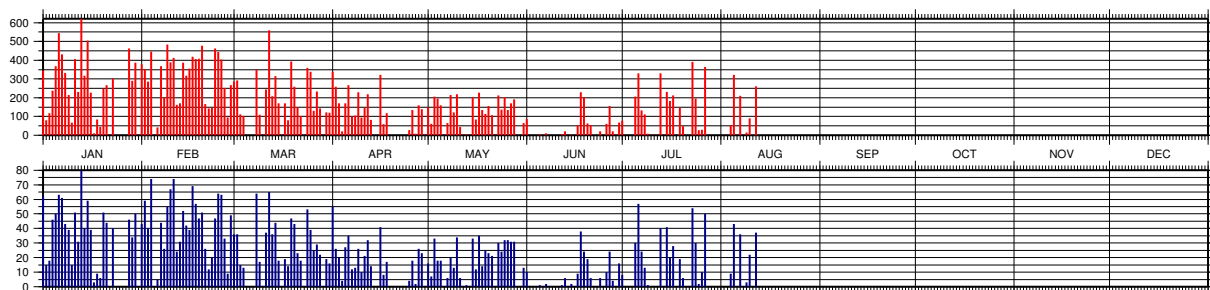


Figure 3.16: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.7.7 Statistics of Full-Rate (MERIT-II) in 2012

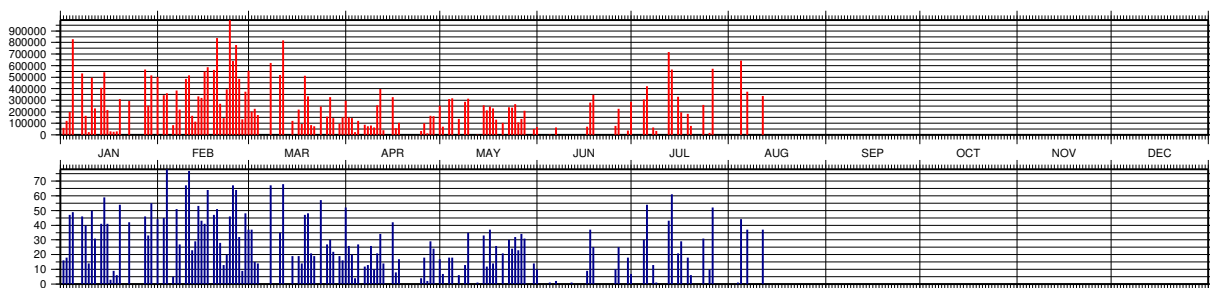


Figure 3.17: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.7.8 Satellites Tracked by Changchun, China in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	5550 ¹ / 680 ²	20414712 / 679	3296 / 382	7850576 / 310
Beacon-C (6503201)	5725 / 498	11284987 / 496	3270 / 271	5176015 / 229
Blits (0904907)	1122 / 236	749834 / 234	557 / 116	265393 / 93
Compass-G1 (1000101)	491 / 70	203347 / 70	139 / 17	32439 / 16
Compass-I3 (1101301)	236 / 56	106590 / 56	145 / 25	48376 / 24
Compass-I5 (1107301)	341 / 51	212621 / 49	8 / 1	2030 / 1
Compass-M1 (0701101)	103 / 27	19379 / 25	121 / 30	17082 / 28
Compass-M3 (1201801)	121 / 37	113534 / 36	17 / 4	20456 / 3
Cryosat-2 (1001301)	2488 / 287	4183518 / 282	1118 / 123	1240885 / 105
Envisat (0200901)	1167 / 141	1538834 / 140	1210 / 136	1278504 / 108
Etalon 2 (8903903)	186 / 69	82599 / 66	122 / 38	36115 / 30
Etalon-1 (8900103)	193 / 71	86299 / 68	60 / 20	18723 / 14
GPS-35 (9305401)	109 / 28	9973 / 25	37 / 10	2507 / 10
GPS-36 (9401601)	154 / 30	23704 / 27	48 / 9	3057 / 8
Galileo-101 (1106001)	125 / 44	84904 / 36	102 / 34	58822 / 28
Galileo-102 (1106002)	197 / 67	123768 / 56	131 / 33	69571 / 32
Galileo-103 (1205501)	32 / 12	31420 / 12	0 / 0	0 / 0
Galileo-104 (1205502)	45 / 10	80929 / 10	0 / 0	0 / 0
Giove-A (0505101)	49 / 14	11972 / 14	39 / 10	4018 / 9
Giove-B (0802001)	29 / 9	5963 / 10	32 / 10	5433 / 11
Glonass-101 (0606203)	401 / 116	187081 / 115	250 / 53	58300 / 54
Glonass-102 (0606201)	383 / 116	159870 / 112	220 / 52	37857 / 51
Glonass-103 (0606202)	447 / 115	172789 / 114	266 / 55	57303 / 51
Glonass-105 (0705202)	355 / 96	119594 / 94	250 / 55	51899 / 46
Glonass-106 (0705201)	339 / 96	129374 / 94	128 / 26	0 / 0
Glonass-107 (0706501)	429 / 124	205156 / 122	220 / 51	60648 / 49
Glonass-109 (0706503)	431 / 121	214726 / 120	262 / 55	61112 / 51
Glonass-110 (0804601)	382 / 100	118639 / 99	244 / 53	53140 / 52
Glonass-111 (0804602)	329 / 94	104822 / 92	222 / 55	47943 / 48
Glonass-114 (0806703)	318 / 106	161736 / 105	146 / 42	32098 / 36
Glonass-115 (0806702)	175 / 66	172010 / 65	128 / 45	84754 / 40
Glonass-116 (0907001)	336 / 109	149600 / 107	157 / 45	33713 / 38
Glonass-117 (0907002)	307 / 92	147534 / 93	113 / 31	17993 / 27
Glonass-118 (0907003)	357 / 110	150993 / 108	166 / 47	36767 / 38
Glonass-119 (1000701)	293 / 84	105610 / 82	213 / 53	54934 / 51
Glonass-120 (1000703)	384 / 108	117498 / 106	265 / 64	68928 / 63

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-121 (1000702)	369 ¹ / 109 ²	133037 / 107	258 / 64	61131 / 63
Glonass-122 (1004103)	352 / 116	346727 / 112	192 / 55	74961 / 48
Glonass-123 (1004102)	351 / 124	259666 / 122	188 / 57	65571 / 49
Glonass-124 (1004101)	359 / 127	264800 / 123	194 / 60	73061 / 53
Glonass-125 (1100901)	72 / 20	12905 / 20	77 / 21	13456 / 20
Glonass-126 (1105501)	224 / 100	393019 / 98	87 / 35	60360 / 26
Glonass-127 (1106403)	47 / 21	38705 / 20	0 / 0	0 / 0
Glonass-128 (1106401)	255 / 105	289497 / 102	99 / 37	60375 / 36
Glonass-129 (1106402)	245 / 95	305158 / 90	81 / 31	53292 / 28
Glonass-130 (1107101)	342 / 137	283102 / 136	210 / 73	96785 / 62
Glonass-95 (0405302)	61 / 24	100387 / 24	0 / 0	0 / 0
Goce (0901301)	677 / 70	534873 / 68	323 / 32	213677 / 26
Grace-A (0201201)	2570 / 209	1805519 / 204	1427 / 113	668996 / 91
Grace-B (0201202)	2037 / 219	1238248 / 216	1095 / 118	478658 / 96
HY-2A (1104301)	1335 / 232	2606101 / 228	784 / 120	1330601 / 94
Jason-1 (0105501)	4450 / 407	4164683 / 406	1610 / 145	872950 / 113
Jason-2 (0803201)	6652 / 541	5984052 / 531	3661 / 276	2131261 / 215
Lageos-1 (7603901)	1798 / 338	3721945 / 336	1133 / 214	1195408 / 171
Lageos-2 (9207002)	1620 / 294	3274530 / 291	828 / 153	827784 / 122
Lares (1200601)	2909 / 433	4991338 / 422	1128 / 148	1251195 / 123
Larets (0304206)	1666 / 368	4197730 / 358	894 / 193	1425819 / 155
QSZ-1 (1004501)	300 / 95	57679 / 91	120 / 33	15400 / 31
Starlette (7501001)	3469 / 583	11817887 / 572	1838 / 293	4262687 / 229
Stella (9306102)	1699 / 334	5653955 / 329	886 / 163	2199607 / 123
TanDEM-X (1003001)	2069 / 194	1265816 / 186	1122 / 91	523925 / 73
TerraSAR-X (0702601)	2145 / 199	1322809 / 193	1093 / 95	483949 / 74
ZY-3 (1200101)	184 / 26	309926 / 26	108 / 17	138785 / 10

¹ Number of observations; ² Number of files/passes

3.8 Concepcion, Chile (7405)

3.8.1 Common Information

Site:	Concepcion, Chile
Code:	CONL
Station ID:	7405
Datacenter:	EDC
SOD (DOMES):	74057904 (41719M001)

3.8.2 Status of Station in 2012

SOD	Period	Status
74057904	2012-01-01 - 2012-12-31	Validated

3.8.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	1029 ¹ / 111 ²	256129 / 111	1029 / 111	218646 / 87
February	4124 / 429	826097 / 428	4124 / 429	825610 / 431
March	6609 / 694	1139799 / 691	6624 / 696	912607 / 554
April	4104 / 465	647983 / 464	4116 / 467	307463 / 236
May	743 / 84	172627 / 84	743 / 84	158271 / 77
June	778 / 94	143272 / 95	707 / 84	55318 / 35
July	4048 / 376	811070 / 370	128 / 13	0 / 0
August	1027 / 96	244845 / 96	0 / 0	0 / 0
September	1861 / 178	449490 / 177	0 / 0	0 / 0
October	1744 / 183	263655 / 185	0 / 0	0 / 0
November	1683 / 186	323534 / 191	0 / 0	0 / 0
December	933 / 111	140296 / 111	0 / 0	0 / 0
Year	28683 / 3007	5418797 / 3003	17471 / 1884	2477915 / 1420

¹ Number of observations; ² Number of files/passes

3.8.4 Statistics of Normal Points (CRD) in 2012

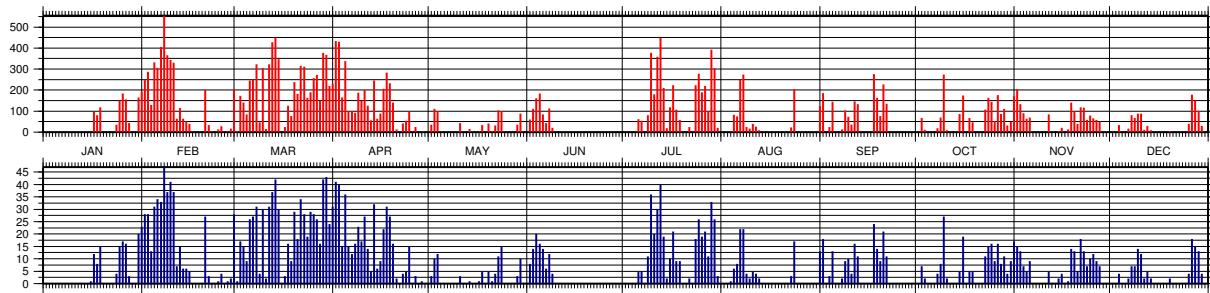


Figure 3.18: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.8.5 Statistics of Full-Rate (CRD) in 2012

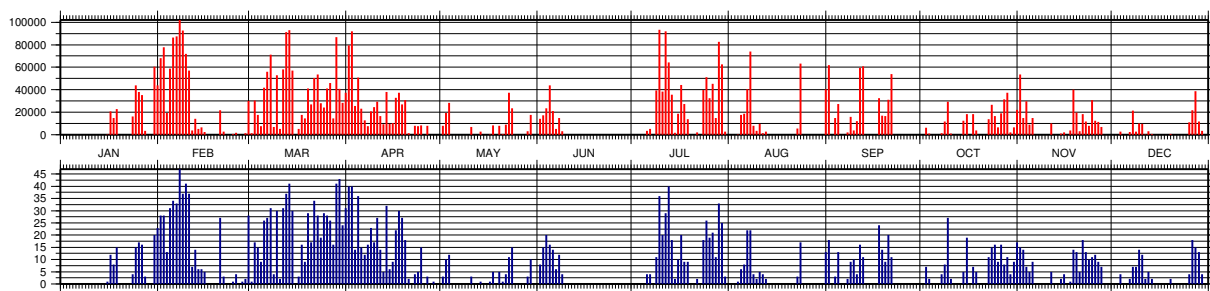


Figure 3.19: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.8.6 Statistics of Normal Points (CSTG) in 2012

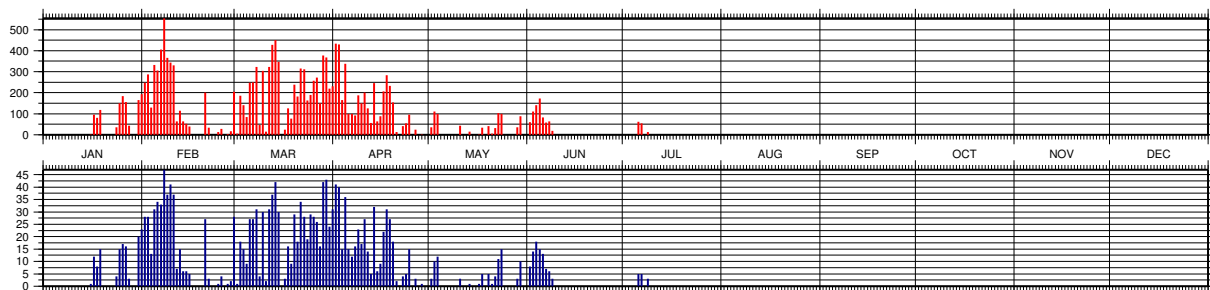


Figure 3.20: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.8.7 Statistics of Full-Rate (MERIT-II) in 2012

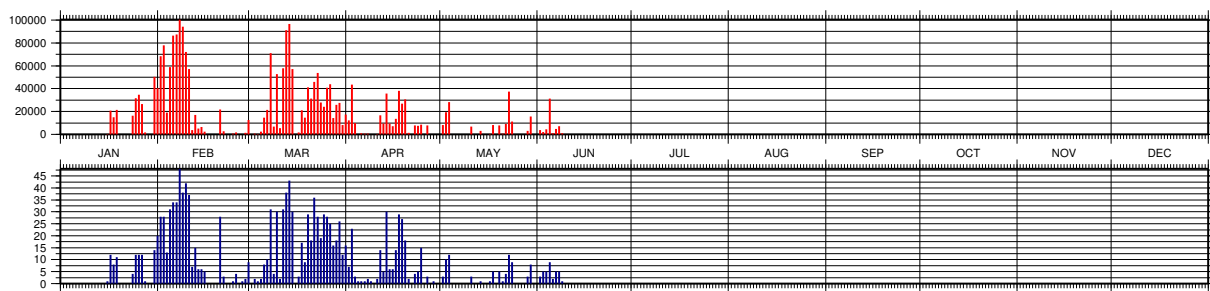


Figure 3.21: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.8.8 Satellites Tracked by Concepcion, Chile in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	5587 ¹ / 442 ²	893414 / 442	3046 / 240	360930 / 192
Beacon-C (6503201)	189 / 26	13748 / 26	124 / 16	7670 / 14
Blits (0904907)	26 / 9	795 / 9	9 / 4	76 / 1
Compass-M1 (0701101)	34 / 6	9460 / 6	34 / 6	8034 / 5
Cryosat-2 (1001301)	581 / 73	28711 / 74	328 / 40	13495 / 32
Envisat (0200901)	487 / 56	31662 / 56	489 / 57	19744 / 34
Etalon 2 (8903903)	280 / 48	97767 / 49	225 / 39	45537 / 32
Etalon-1 (8900103)	261 / 47	127088 / 47	229 / 41	70459 / 34
Galileo-101 (1106001)	140 / 25	37015 / 25	105 / 18	19973 / 13
Galileo-102 (1106002)	138 / 21	30111 / 21	123 / 18	14800 / 15
Giove-A (0505101)	22 / 6	4368 / 6	22 / 6	4368 / 6
Giove-B (0802001)	46 / 7	18470 / 7	29 / 5	3570 / 2
Glonass-102 (0606201)	177 / 28	96742 / 27	113 / 19	29361 / 15
Glonass-109 (0706503)	311 / 51	150417 / 51	235 / 40	70403 / 31
Glonass-110 (0804601)	273 / 44	96902 / 43	207 / 34	48601 / 28
Glonass-115 (0806702)	228 / 35	113187 / 35	182 / 29	47351 / 19
Glonass-118 (0907003)	216 / 31	112473 / 31	172 / 24	57131 / 20
Glonass-120 (1000703)	125 / 20	43914 / 20	125 / 20	20810 / 10
Grace-A (0201201)	395 / 39	14518 / 39	213 / 19	7250 / 16
Grace-B (0201202)	466 / 47	17486 / 47	256 / 24	6627 / 16
Jason-1 (0105501)	1386 / 114	83692 / 113	711 / 63	28067 / 45
Jason-2 (0803201)	3068 / 202	190901 / 201	1898 / 117	83540 / 79
Lageos-1 (7603901)	3941 / 400	1350386 / 399	2258 / 238	618824 / 185
Lageos-2 (9207002)	3432 / 317	1114794 / 314	2195 / 202	542524 / 147
Lares (1200601)	545 / 143	129700 / 143	429 / 112	71404 / 70
Larets (0304206)	392 / 77	36753 / 77	275 / 55	18204 / 39
Starlette (7501001)	3615 / 405	412477 / 406	2140 / 234	188629 / 183
Stella (9306102)	1041 / 172	118147 / 172	570 / 97	50017 / 83
TanDEM-X (1003001)	541 / 51	17923 / 51	283 / 30	7970 / 26
TerraSAR-X (0702601)	740 / 65	25776 / 66	446 / 37	12546 / 28

¹ Number of observations; ² Number of files/passes

3.9 Golosiiv, Ukraine (1824)

3.9.1 Common Information

Site:	Golosiiv, Ukraine
Code:	GLSL
Station ID:	1824
Datacenter:	EDC
SOD (DOMES):	18248101 (12356S001)

3.9.2 Status of Station in 2012

SOD	Period	Status
18248101	2012-01-01 - 2012-12-31	Validated

3.9.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	361 ¹ / 61 ²	6706 / 60	757 / 121	0 / 0
February	595 / 108	5721 / 108	521 / 97	0 / 0
March	571 / 94	7904 / 94	563 / 92	0 / 0
April	617 / 88	4290 / 88	616 / 88	0 / 0
May	870 / 128	7352 / 126	872 / 127	0 / 0
June	394 / 65	2408 / 65	394 / 65	0 / 0
July	654 / 99	3331 / 99	341 / 50	0 / 0
August	78 / 15	277 / 15	0 / 0	0 / 0
September	235 / 38	1489 / 38	206 / 33	0 / 0
October	489 / 72	6961 / 71	124 / 18	0 / 0
November	389 / 67	3971 / 67	176 / 26	0 / 0
December	730 / 116	6845 / 117	334 / 54	0 / 0
Year	5983 / 951	57255 / 948	4904 / 771	0 / 0

¹ Number of observations; ² Number of files/passes

3.9.4 Statistics of Normal Points (CRD) in 2012

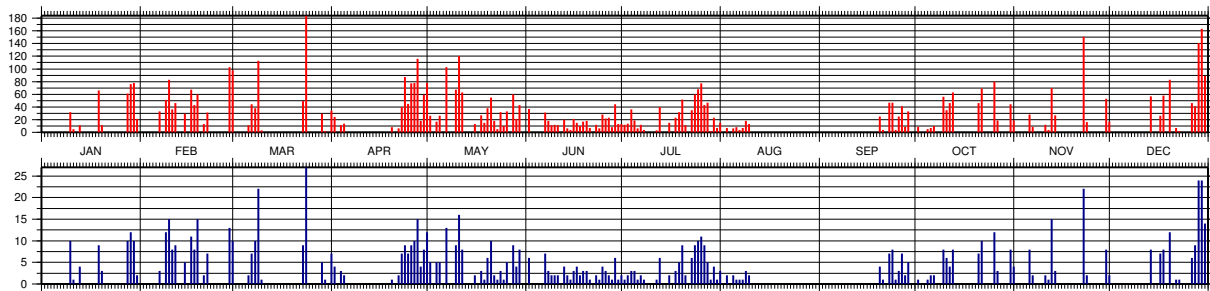


Figure 3.22: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.9.5 Statistics of Full-Rate (CRD) in 2012

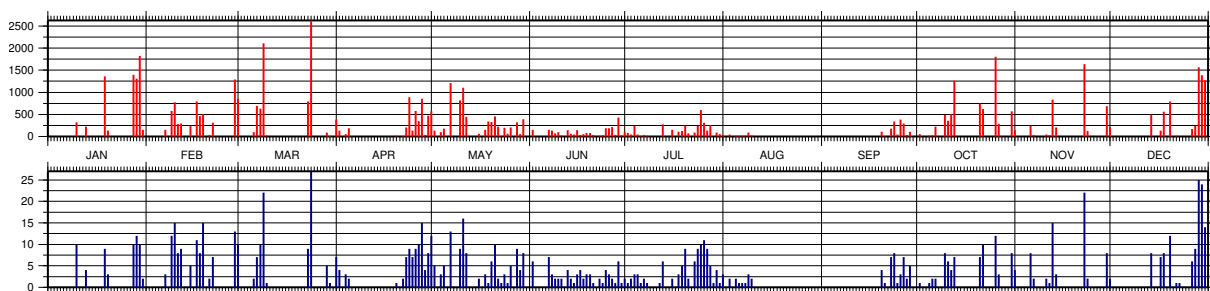


Figure 3.23: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.9.6 Statistics of Normal Points (CSTG) in 2012

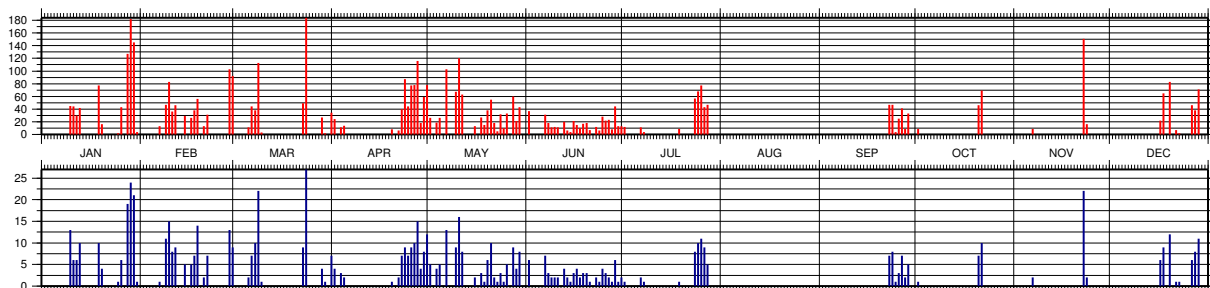


Figure 3.24: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.9.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.9.8 Satellites Tracked by Golosiiv, Ukraine in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1032 ¹ / 143 ²	17118 / 142	762 / 101	0 / 0
Beacon-C (6503201)	494 / 63	4666 / 63	365 / 45	0 / 0
Blits (0904907)	27 / 9	120 / 9	19 / 6	0 / 0
Compass-M1 (0701101)	4 / 2	11 / 2	4 / 2	0 / 0
Compass-M3 (1201801)	4 / 1	37 / 1	0 / 0	0 / 0
Cryosat-2 (1001301)	228 / 41	1242 / 41	170 / 32	0 / 0
Envisat (0200901)	128 / 26	978 / 26	128 / 26	0 / 0
Etalon 2 (8903903)	2 / 1	6 / 1	2 / 1	0 / 0
Galileo-101 (1106001)	11 / 5	75 / 5	11 / 5	0 / 0
Galileo-102 (1106002)	6 / 2	27 / 2	6 / 2	0 / 0
Galileo-104 (1205502)	2 / 1	15 / 1	0 / 0	0 / 0
Giove-A (0505101)	1 / 1	5 / 1	1 / 1	0 / 0
Glonass-102 (0606201)	15 / 5	69 / 5	10 / 3	0 / 0
Glonass-109 (0706503)	24 / 9	105 / 9	17 / 6	0 / 0
Glonass-110 (0804601)	16 / 6	77 / 6	14 / 5	0 / 0
Glonass-115 (0806702)	0 / 0	0 / 0	7 / 2	0 / 0
Glonass-117 (0907002)	5 / 2	10 / 1	0 / 0	0 / 0
Glonass-118 (0907003)	4 / 2	32 / 2	2 / 1	0 / 0
Glonass-120 (1000703)	2 / 1	4 / 1	2 / 1	0 / 0
Glonass-125 (1100901)	2 / 1	4 / 1	2 / 1	0 / 0
Glonass-130 (1107101)	11 / 4	64 / 4	9 / 3	0 / 0
Grace-A (0201201)	188 / 26	1034 / 26	167 / 24	0 / 0
Grace-B (0201202)	214 / 31	916 / 31	223 / 32	0 / 0
HY-2A (1104301)	87 / 13	1011 / 13	40 / 6	0 / 0
Jason-1 (0105501)	447 / 61	2298 / 61	393 / 50	0 / 0
Jason-2 (0803201)	869 / 111	4549 / 111	746 / 88	0 / 0
Lageos-1 (7603901)	286 / 69	3479 / 69	250 / 61	0 / 0
Lageos-2 (9207002)	190 / 43	2311 / 44	144 / 37	0 / 0
Lares (1200601)	649 / 80	4588 / 79	482 / 58	0 / 0
Larets (0304206)	179 / 32	2232 / 31	128 / 22	0 / 0
Starlette (7501001)	361 / 69	5456 / 69	371 / 71	0 / 0
Stella (9306102)	370 / 78	4104 / 78	298 / 62	0 / 0
TanDEM-X (1003001)	32 / 3	189 / 3	59 / 7	0 / 0
TerraSAR-X (0702601)	93 / 10	423 / 10	72 / 10	0 / 0

¹ Number of observations; ² Number of files/passes

3.10 Grasse, France (FTLRS) (7829)

3.10.1 Common Information

Site:	Grasse, France (FTLRS)
Code:	GRAF
Station ID:	7829
Datacenter:	EDC
SOD (DOMES):	78296906 (10002S017)

3.10.2 Status of Station in 2012

SOD	Period	Status
78296906	0000-00-00 - 2013-05-10	Validated
78296906	2013-05-10 - 2100-01-01	Quarantine

3.10.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0
February	0 / 0	6973 / 1	0 / 0	0 / 0
March	0 / 0	13995 / 2	0 / 0	0 / 0
April	0 / 0	106511 / 13	0 / 0	0 / 0
May	0 / 0	0 / 0	0 / 0	0 / 0
June	0 / 0	0 / 0	0 / 0	0 / 0
July	0 / 0	0 / 0	0 / 0	0 / 0
August	0 / 0	0 / 0	0 / 0	0 / 0
September	0 / 0	0 / 0	0 / 0	0 / 0
October	0 / 0	0 / 0	0 / 0	0 / 0
November	0 / 0	0 / 0	0 / 0	0 / 0
December	0 / 0	258940 / 33	0 / 0	0 / 0
Year	0 / 0	386419 / 49	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.10.4 Statistics of Normal Points (CRD) in 2012

No data available in 2012

3.10.5 Statistics of Full-Rate (CRD) in 2012

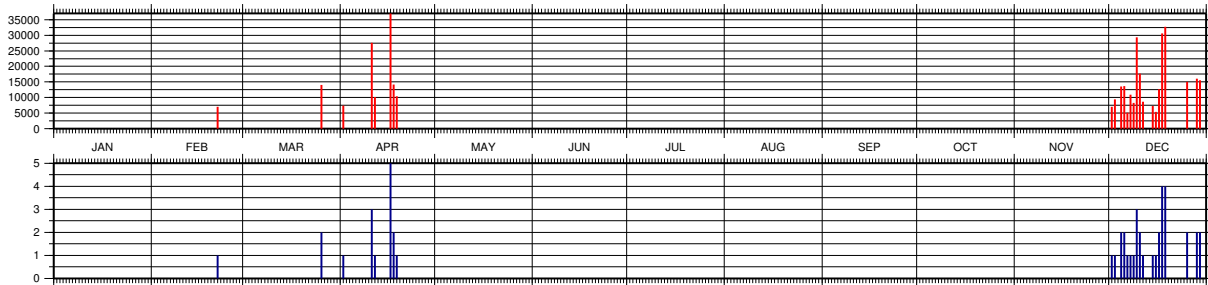


Figure 3.25: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.10.6 Statistics of Normal Points (CSTG) in 2012

No data available in 2012

3.10.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.10.8 Satellites Tracked by Grasse, France (FTLRS) in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Jason-2 (0803201)	0 ¹ / 0 ²	386419 / 49	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.11 Grasse, France (LLR) (7845)

3.11.1 Common Information

Site:	Grasse, France (LLR)
Code:	GRSM
Station ID:	7845
Datacenter:	EDC
SOD (DOMES):	78457801 (10002S002)

3.11.2 Status of Station in 2012

SOD	Period	Status
78457801	2012-01-01 - 2012-12-31	Validated

3.11.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	182 ¹ / 9 ²	14789 / 9	169 / 7	0 / 0
February	3048 / 241	476092 / 242	3073 / 266	0 / 0
March	3838 / 272	630986 / 271	3880 / 325	0 / 0
April	2462 / 164	378152 / 163	2475 / 177	0 / 0
May	2087 / 135	347686 / 134	2092 / 142	0 / 0
June	4221 / 279	662241 / 280	3840 / 272	0 / 0
July	3165 / 182	451248 / 182	1 / 1	0 / 0
August	6000 / 329	823294 / 328	34 / 34	0 / 0
September	3660 / 233	627410 / 234	108 / 108	0 / 0
October	1499 / 93	206616 / 86	37 / 37	0 / 0
November	2139 / 111	350667 / 111	35 / 35	0 / 0
December	6039 / 292	945215 / 291	40 / 40	0 / 0
Year	38340 / 2340	5914396 / 2331	15784 / 1444	0 / 0

¹ Number of observations; ² Number of files/passes

3.11.4 Statistics of Normal Points (CRD) in 2012

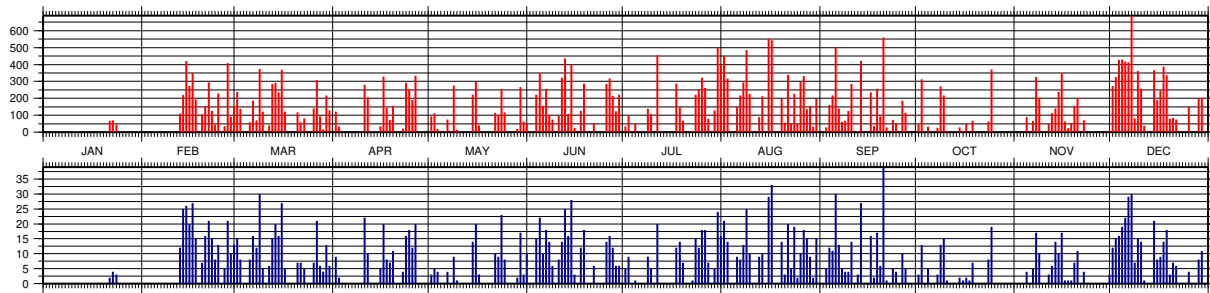


Figure 3.26: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.11.5 Statistics of Full-Rate (CRD) in 2012

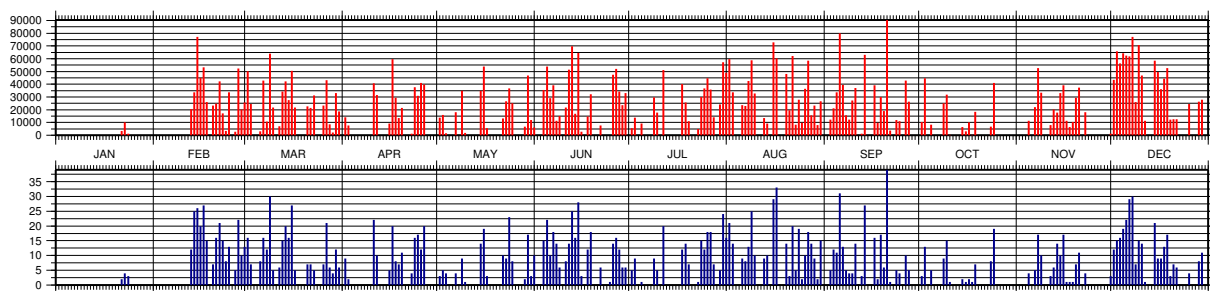


Figure 3.27: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.11.6 Statistics of Normal Points (CSTG) in 2012

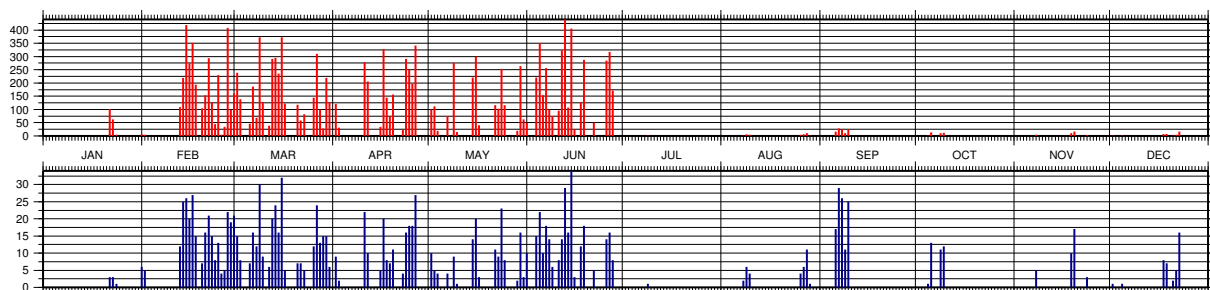


Figure 3.28: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.11.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.11.8 Satellites Tracked by Grasse, France (LLR) in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	104 ¹ / 8 ²	3749 / 8	89 / 7	0 / 0
Apollo-11 (0000100)	0 / 0	0 / 0	55 / 55	0 / 0
Apollo-14 (0000102)	0 / 0	0 / 0	48 / 48	0 / 0
Apollo-15 (0000103)	0 / 0	0 / 0	254 / 254	0 / 0
Blits (0904907)	242 / 27	7536 / 27	57 / 7	0 / 0
Compass-I3 (1101301)	15 / 3	759 / 3	0 / 0	0 / 0
Compass-I5 (1107301)	94 / 25	15154 / 25	0 / 0	0 / 0
Compass-M1 (0701101)	53 / 15	10736 / 15	54 / 16	0 / 0
Compass-M3 (1201801)	81 / 23	15117 / 23	0 / 0	0 / 0
Cryosat-2 (1001301)	1304 / 67	43789 / 66	497 / 24	0 / 0
Envisat (0200901)	158 / 10	4671 / 10	158 / 10	0 / 0
Etalon 2 (8903903)	266 / 76	38144 / 75	108 / 31	0 / 0
Etalon-1 (8900103)	244 / 71	39340 / 71	76 / 23	0 / 0
GPS-36 (9401601)	183 / 58	23575 / 59	123 / 38	0 / 0
Galileo-101 (1106001)	418 / 110	73860 / 109	277 / 71	0 / 0
Galileo-102 (1106002)	505 / 132	82054 / 131	326 / 81	0 / 0
Galileo-103 (1205501)	44 / 13	8531 / 13	0 / 0	0 / 0
Galileo-104 (1205502)	59 / 18	10322 / 17	0 / 0	0 / 0
Giove-A (0505101)	82 / 24	11583 / 24	74 / 21	0 / 0
Giove-B (0802001)	32 / 10	3717 / 10	32 / 10	0 / 0
Glonass-102 (0606201)	119 / 38	17795 / 37	61 / 17	0 / 0
Glonass-109 (0706503)	184 / 59	25899 / 59	97 / 30	0 / 0
Glonass-110 (0804601)	143 / 43	17974 / 43	80 / 22	0 / 0
Glonass-115 (0806702)	165 / 48	30239 / 48	85 / 26	0 / 0
Glonass-118 (0907003)	131 / 44	18525 / 44	61 / 20	0 / 0
Glonass-125 (1100901)	23 / 7	3486 / 7	23 / 7	0 / 0
Glonass-127 (1106403)	18 / 6	3410 / 6	0 / 0	0 / 0
Glonass-129 (1106402)	42 / 14	8641 / 15	0 / 0	0 / 0
Glonass-130 (1107101)	128 / 38	26426 / 38	33 / 9	0 / 0
Goce (0901301)	5 / 1	15 / 1	0 / 0	0 / 0
Grace-A (0201201)	213 / 6	3346 / 6	89 / 2	0 / 0
Grace-B (0201202)	115 / 5	1141 / 5	17 / 1	0 / 0
HY-2A (1104301)	349 / 33	13923 / 33	222 / 22	0 / 0
Jason-1 (0105501)	4280 / 153	126456 / 153	962 / 48	0 / 0
Jason-2 (0803201)	20945 / 522	4601388 / 519	7992 / 221	0 / 0
Lageos-1 (7603901)	2765 / 263	248792 / 263	1450 / 138	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Lageos-2 (9207002)	2477 ¹ / 214 ²	270012 / 212	1149 / 102	0 / 0
Lares (1200601)	1413 / 91	60969 / 91	785 / 49	0 / 0
Larets (0304206)	100 / 13	5273 / 13	21 / 4	0 / 0
Luna-21 (0000104)	0 / 0	0 / 0	7 / 7	0 / 0
RadioAstron (1103701)	181 / 10	12360 / 10	101 / 3	0 / 0
Starlette (7501001)	348 / 27	18521 / 27	154 / 13	0 / 0
Stella (9306102)	99 / 8	3850 / 8	41 / 3	0 / 0
TanDEM-X (1003001)	85 / 3	1352 / 3	16 / 1	0 / 0
TerraSAR-X (0702601)	128 / 4	1966 / 4	110 / 3	0 / 0

¹ Number of observations; ² Number of files/passes

3.12 Graz, Austria (7839)

3.12.1 Common Information

Site:	Graz, Austria
Code:	GRZL
Station ID:	7839
Datacenter:	EDC
SOD (DOMES):	78393402 (11001S002)

3.12.2 Status of Station in 2012

SOD	Period	Status
78393402	2012-01-01 - 2012-12-31	Validated

3.12.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	11212 ¹ / 904 ²	0 / 0	11221 / 906	0 / 0
February	5484 / 526	0 / 0	5485 / 527	0 / 0
March	11361 / 1028	0 / 0	11551 / 1036	0 / 0
April	6984 / 623	0 / 0	6740 / 604	0 / 0
May	6282 / 521	0 / 0	6288 / 523	0 / 0
June	5602 / 500	0 / 0	304 / 26	0 / 0
July	4969 / 409	0 / 0	0 / 0	0 / 0
August	9456 / 756	0 / 0	0 / 0	0 / 0
September	7058 / 620	0 / 0	0 / 0	0 / 0
October	9752 / 788	0 / 0	0 / 0	0 / 0
November	2813 / 284	0 / 0	0 / 0	0 / 0
December	6631 / 495	0 / 0	0 / 0	0 / 0
Year	87604 / 7454	0 / 0	41589 / 3622	0 / 0

¹ Number of observations; ² Number of files/passes

3.12.4 Statistics of Normal Points (CRD) in 2012

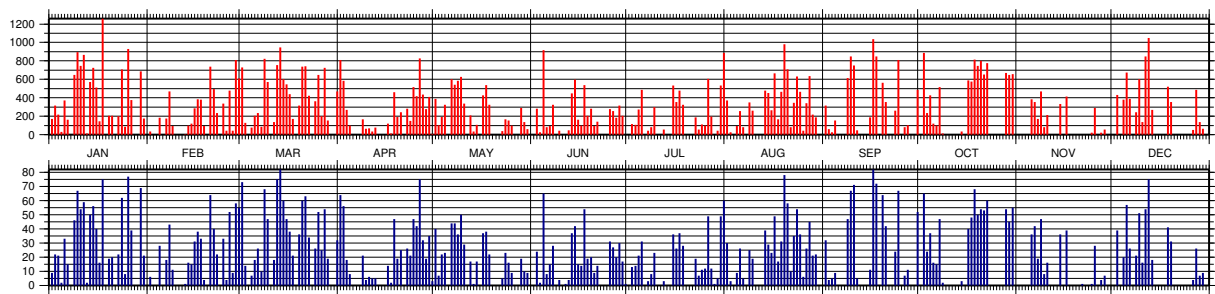


Figure 3.29: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.12.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.12.6 Statistics of Normal Points (CSTG) in 2012

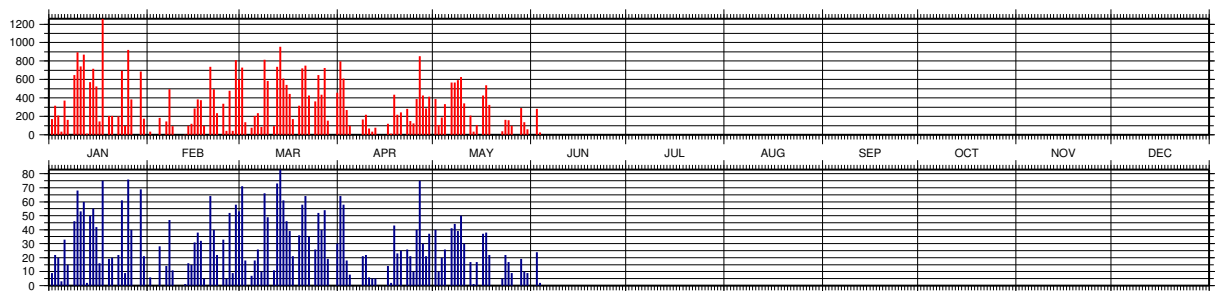


Figure 3.30: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.12.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.12.8 Satellites Tracked by Graz, Austria in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	8486 ¹ / 456 ²	0 / 0	4778 / 220	0 / 0
Beacon-C (6503201)	6464 / 301	0 / 0	3257 / 153	0 / 0
Blits (0904907)	1444 / 209	0 / 0	751 / 110	0 / 0
Compass-I3 (1101301)	16 / 4	0 / 0	0 / 0	0 / 0
Compass-I5 (1107301)	48 / 6	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	125 / 20	0 / 0	117 / 17	0 / 0
Compass-M3 (1201801)	95 / 21	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	4789 / 258	0 / 0	1811 / 103	0 / 0
Envisat (0200901)	2713 / 178	0 / 0	2607 / 164	0 / 0
Etalon 2 (8903903)	327 / 67	0 / 0	176 / 34	0 / 0
Etalon-1 (8900103)	433 / 73	0 / 0	144 / 30	0 / 0
GPS-36 (9401601)	160 / 41	0 / 0	77 / 20	0 / 0
Galileo-101 (1106001)	346 / 68	0 / 0	216 / 39	0 / 0
Galileo-102 (1106002)	490 / 78	0 / 0	221 / 37	0 / 0
Galileo-103 (1205501)	38 / 6	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	25 / 4	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	71 / 12	0 / 0	56 / 9	0 / 0
Giove-B (0802001)	130 / 21	0 / 0	121 / 20	0 / 0
Glonass-101 (0606203)	542 / 90	0 / 0	232 / 42	0 / 0
Glonass-102 (0606201)	537 / 91	0 / 0	248 / 44	0 / 0
Glonass-103 (0606202)	513 / 81	0 / 0	284 / 44	0 / 0
Glonass-105 (0705202)	453 / 87	0 / 0	237 / 44	0 / 0
Glonass-106 (0705201)	521 / 104	0 / 0	257 / 48	0 / 0
Glonass-107 (0706501)	476 / 81	0 / 0	190 / 37	0 / 0
Glonass-109 (0706503)	459 / 85	0 / 0	219 / 42	0 / 0
Glonass-110 (0804601)	493 / 96	0 / 0	245 / 51	0 / 0
Glonass-111 (0804602)	355 / 77	0 / 0	178 / 36	0 / 0
Glonass-114 (0806703)	535 / 91	0 / 0	215 / 43	0 / 0
Glonass-115 (0806702)	378 / 79	0 / 0	295 / 60	0 / 0
Glonass-116 (0907001)	429 / 77	0 / 0	162 / 36	0 / 0
Glonass-117 (0907002)	460 / 84	0 / 0	177 / 40	0 / 0
Glonass-118 (0907003)	520 / 97	0 / 0	226 / 52	0 / 0
Glonass-119 (1000701)	321 / 75	0 / 0	143 / 34	0 / 0
Glonass-120 (1000703)	334 / 77	0 / 0	161 / 37	0 / 0
Glonass-121 (1000702)	425 / 88	0 / 0	174 / 39	0 / 0
Glonass-122 (1004103)	718 / 118	0 / 0	372 / 66	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-123 (1004102)	664 ¹ / 114 ²	0 / 0	309 / 55	0 / 0
Glonass-124 (1004101)	709 / 118	0 / 0	336 / 60	0 / 0
Glonass-125 (1100901)	111 / 21	0 / 0	111 / 21	0 / 0
Glonass-126 (1105501)	666 / 112	0 / 0	363 / 62	0 / 0
Glonass-127 (1106403)	56 / 7	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	675 / 119	0 / 0	350 / 63	0 / 0
Glonass-129 (1106402)	573 / 105	0 / 0	303 / 56	0 / 0
Glonass-130 (1107101)	595 / 113	0 / 0	266 / 49	0 / 0
Goce (0901301)	609 / 34	0 / 0	105 / 7	0 / 0
Grace-A (0201201)	1781 / 127	0 / 0	903 / 68	0 / 0
Grace-B (0201202)	1821 / 148	0 / 0	936 / 76	0 / 0
HY-2A (1104301)	1536 / 148	0 / 0	775 / 71	0 / 0
Jason-1 (0105501)	7126 / 310	0 / 0	2066 / 95	0 / 0
Jason-2 (0803201)	11020 / 458	0 / 0	4954 / 209	0 / 0
Lageos-1 (7603901)	3169 / 417	0 / 0	1519 / 206	0 / 0
Lageos-2 (9207002)	2182 / 276	0 / 0	1164 / 135	0 / 0
Lares (1200601)	8340 / 444	0 / 0	3186 / 158	0 / 0
Larets (0304206)	1018 / 122	0 / 0	550 / 66	0 / 0
Reflector (0105605)	4 / 1	0 / 0	0 / 0	0 / 0
Starlette (7501001)	4511 / 366	0 / 0	2126 / 164	0 / 0
Stella (9306102)	3079 / 313	0 / 0	1404 / 152	0 / 0
TanDEM-X (1003001)	1278 / 83	0 / 0	772 / 49	0 / 0
TerraSAR-X (0702601)	1291 / 86	0 / 0	744 / 49	0 / 0
ZY-3 (1200101)	121 / 11	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.13 Greenbelt, Maryland (7105)

3.13.1 Common Information

Site:	Greenbelt, Maryland
Code:	GODL
Station ID:	7105
Datacenter:	CDDIS
SOD (DOMES):	71051206 (40451M105)

3.13.2 Status of Station in 2012

SOD	Period	Status
71051206	2012-01-01 - 2012-12-31	Quarantine

3.13.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	10600 / 733	0 / 0
February	0 / 0	0 / 0	9930 / 775	0 / 0
March	0 / 0	0 / 0	13276 / 966	0 / 0
April	0 / 0	0 / 0	12725 / 969	0 / 0
May	8075 / 592	43724 / 48	3410 / 248	0 / 0
June	12259 / 922	51475 / 51	0 / 0	0 / 0
July	5991 / 460	20250 / 30	0 / 0	0 / 0
August	7818 / 565	35601 / 38	0 / 0	0 / 0
September	8525 / 569	41183 / 38	0 / 0	0 / 0
October	4205 / 293	27067 / 22	0 / 0	0 / 0
November	6799 / 442	51912 / 25	0 / 0	0 / 0
December	6626 / 418	47076 / 31	0 / 0	0 / 0
Year	60298 / 4261	318288 / 283	49941 / 3691	0 / 0

¹ Number of observations; ² Number of files/passes

3.13.4 Statistics of Normal Points (CRD) in 2012

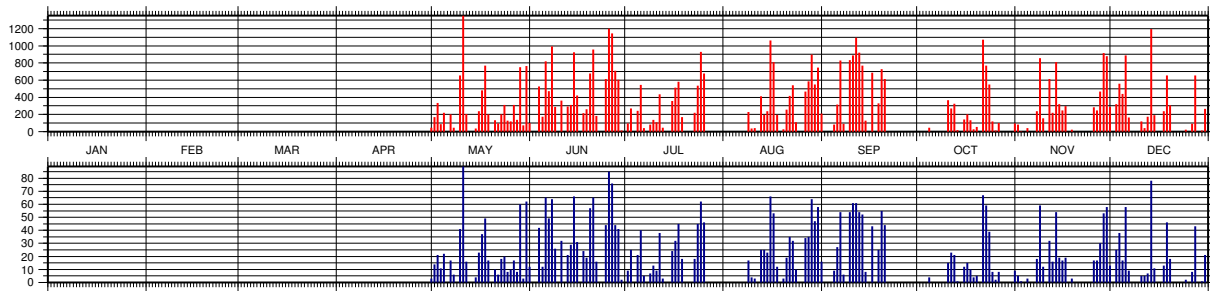


Figure 3.31: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.13.5 Statistics of Full-Rate (CRD) in 2012

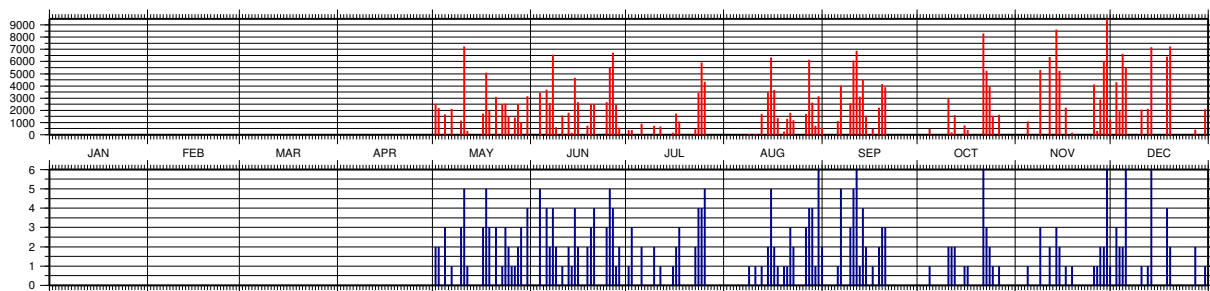


Figure 3.32: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.13.6 Statistics of Normal Points (CSTG) in 2012

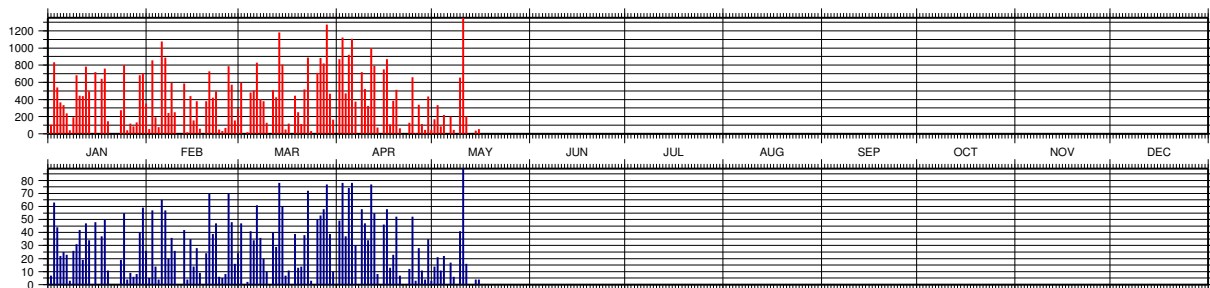


Figure 3.33: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.13.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.13.8 Satellites Tracked by Greenbelt, Maryland in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	5571 ¹ / 360 ²	0 / 0	4448 / 283	0 / 0
Beacon-C (6503201)	7158 / 292	0 / 0	5420 / 220	0 / 0
Blits (0904907)	876 / 116	0 / 0	745 / 106	0 / 0
Compass-M1 (0701101)	19 / 5	0 / 0	177 / 57	0 / 0
Compass-M3 (1201801)	98 / 25	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	2804 / 152	0 / 0	2565 / 152	0 / 0
Envisat (0200901)	201 / 23	0 / 0	1878 / 122	0 / 0
Etalon 2 (8903903)	181 / 42	0 / 0	284 / 82	0 / 0
Etalon-1 (8900103)	305 / 82	0 / 0	153 / 46	0 / 0
GPS-36 (9401601)	4 / 2	0 / 0	60 / 17	0 / 0
Galileo-101 (1106001)	55 / 17	0 / 0	109 / 40	0 / 0
Galileo-102 (1106002)	106 / 30	0 / 0	150 / 45	0 / 0
Galileo-103 (1205501)	12 / 2	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	6 / 1	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	9 / 2	0 / 0	54 / 17	0 / 0
Giove-B (0802001)	0 / 0	0 / 0	63 / 17	0 / 0
Glonass-102 (0606201)	143 / 40	0 / 0	221 / 69	0 / 0
Glonass-109 (0706503)	213 / 47	0 / 0	169 / 52	0 / 0
Glonass-110 (0804601)	91 / 27	0 / 0	173 / 59	0 / 0
Glonass-115 (0806702)	300 / 74	0 / 0	163 / 51	0 / 0
Glonass-118 (0907003)	60 / 18	0 / 0	70 / 26	0 / 0
Glonass-125 (1100901)	0 / 0	0 / 0	129 / 41	0 / 0
Glonass-127 (1106403)	10 / 3	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	104 / 23	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	277 / 72	0 / 0	196 / 65	0 / 0
Goce (0901301)	1140 / 62	0 / 0	1488 / 67	0 / 0
Grace-A (0201201)	2113 / 114	0 / 0	1861 / 86	0 / 0
Grace-B (0201202)	2356 / 122	0 / 0	1636 / 91	0 / 0
HY-2A (1104301)	1883 / 179	0 / 0	1505 / 136	0 / 0
Jason-1 (0105501)	6418 / 269	0 / 0	3343 / 140	0 / 0
Jason-2 (0803201)	7138 / 283	318288 / 283	6267 / 240	0 / 0
Lageos-1 (7603901)	2065 / 249	0 / 0	1789 / 238	0 / 0
Lageos-2 (9207002)	2088 / 248	0 / 0	1606 / 198	0 / 0
Lares (1200601)	3268 / 241	0 / 0	2133 / 142	0 / 0
Larets (0304206)	1463 / 174	0 / 0	1075 / 121	0 / 0
Starlette (7501001)	4492 / 367	0 / 0	3562 / 280	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Stella (9306102)	1817 ¹ / 196 ²	0 / 0	1578 / 158	0 / 0
TanDEM-X (1003001)	2555 / 150	0 / 0	2300 / 111	0 / 0
TerraSAR-X (0702601)	2777 / 142	0 / 0	2571 / 116	0 / 0
ZY-3 (1200101)	122 / 10	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.14 Haleakala, Hawaii (7119)

3.14.1 Common Information

Site:	Haleakala, Hawaii
Code:	HA4T
Station ID:	7119
Datacenter:	CDDIS
SOD (DOMES):	71191402 (40445M004)

3.14.2 Status of Station in 2012

SOD	Period	Status
71191402	0000-00-00 - 2013-04-19	Validated
71191402	2013-04-19 - 2100-01-01	Quarantine

3.14.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	5107 / 314	0 / 0
February	0 / 0	0 / 0	2614 / 186	0 / 0
March	0 / 0	0 / 0	3528 / 240	0 / 0
April	0 / 0	0 / 0	4134 / 309	0 / 0
May	3402 / 241	8966 / 17	1814 / 139	0 / 0
June	3768 / 261	9810 / 16	0 / 0	0 / 0
July	4273 / 275	9146 / 19	0 / 0	0 / 0
August	5000 / 327	12340 / 20	0 / 0	0 / 0
September	4831 / 309	13976 / 28	0 / 0	0 / 0
October	5527 / 365	10281 / 22	0 / 0	0 / 0
November	2909 / 209	8391 / 13	0 / 0	0 / 0
December	2298 / 157	4961 / 11	0 / 0	0 / 0
Year	32008 / 2144	77871 / 146	17197 / 1188	0 / 0

¹ Number of observations; ² Number of files/passes

3.14.4 Statistics of Normal Points (CRD) in 2012

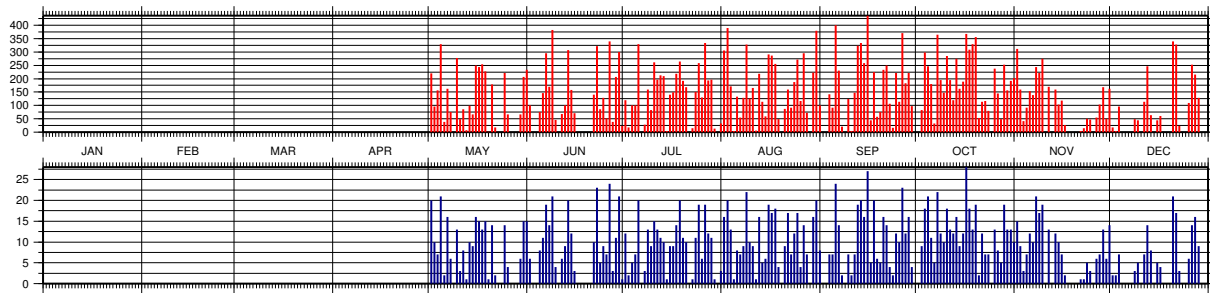


Figure 3.34: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.14.5 Statistics of Full-Rate (CRD) in 2012

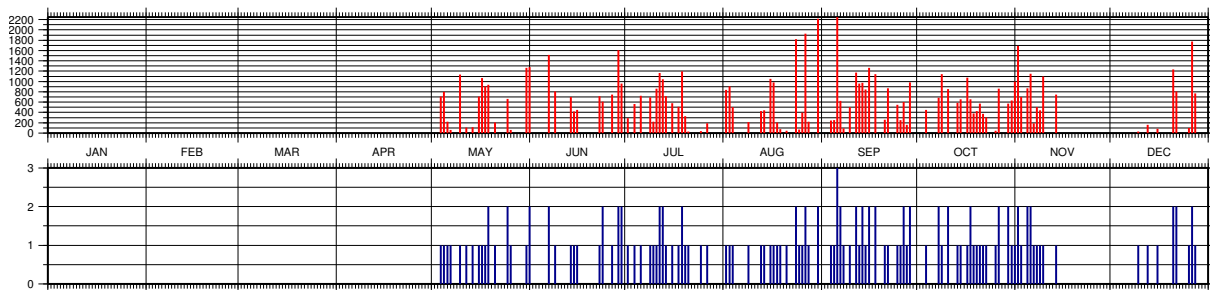


Figure 3.35: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.14.6 Statistics of Normal Points (CSTG) in 2012

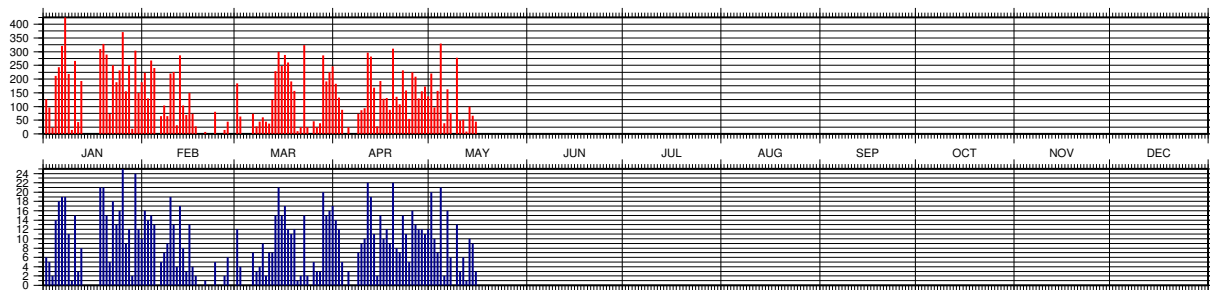


Figure 3.36: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.14.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.14.8 Satellites Tracked by Haleakala, Hawaii in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	2866 ¹ / 178 ²	0 / 0	1424 / 93	0 / 0
Beacon-C (6503201)	4699 / 198	0 / 0	2556 / 112	0 / 0
Blits (0904907)	399 / 76	0 / 0	200 / 40	0 / 0
Cryosat-2 (1001301)	1722 / 109	0 / 0	729 / 59	0 / 0
Envisat (0200901)	141 / 16	0 / 0	1065 / 70	0 / 0
Goce (0901301)	17 / 4	0 / 0	5 / 2	0 / 0
Grace-A (0201201)	488 / 26	0 / 0	259 / 14	0 / 0
Grace-B (0201202)	793 / 45	0 / 0	402 / 20	0 / 0
HY-2A (1104301)	847 / 85	0 / 0	409 / 44	0 / 0
Jason-1 (0105501)	4023 / 151	0 / 0	1487 / 62	0 / 0
Jason-2 (0803201)	3979 / 147	77871 / 146	2343 / 92	0 / 0
Lageos-1 (7603901)	2191 / 246	0 / 0	1236 / 123	0 / 0
Lageos-2 (9207002)	2658 / 285	0 / 0	1574 / 165	0 / 0
Lares (1200601)	2764 / 192	0 / 0	745 / 53	0 / 0
Larets (0304206)	544 / 66	0 / 0	303 / 37	0 / 0
Starlette (7501001)	1789 / 152	0 / 0	1273 / 111	0 / 0
Stella (9306102)	1132 / 119	0 / 0	638 / 64	0 / 0
TanDEM-X (1003001)	608 / 29	0 / 0	261 / 14	0 / 0
TerraSAR-X (0702601)	323 / 18	0 / 0	288 / 13	0 / 0
ZY-3 (1200101)	25 / 2	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.15 Hartebeesthoek, South Africa (7501)

3.15.1 Common Information

Site:	Hartebeesthoek, South Africa
Code:	HARL
Station ID:	7501
Datacenter:	CDDIS
SOD (DOMES):	75011501 (30302M003)

3.15.2 Status of Station in 2012

SOD	Period	Status
75011501	2012-01-01 - 2012-12-31	Quarantine

3.15.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	983 / 83	0 / 0
February	0 / 0	0 / 0	0 / 0	0 / 0
March	0 / 0	0 / 0	4464 / 371	0 / 0
April	0 / 0	0 / 0	6238 / 527	0 / 0
May	7354 / 674	50371 / 44	2903 / 252	0 / 0
June	5584 / 518	37200 / 38	0 / 0	0 / 0
July	8709 / 782	48318 / 44	0 / 0	0 / 0
August	3863 / 352	20958 / 21	0 / 0	0 / 0
September	5075 / 421	35295 / 30	0 / 0	0 / 0
October	4552 / 433	27118 / 26	0 / 0	0 / 0
November	3946 / 363	22107 / 26	0 / 0	0 / 0
December	999 / 88	8507 / 6	0 / 0	0 / 0
Year	40082 / 3631	249874 / 235	14588 / 1233	0 / 0

¹ Number of observations; ² Number of files/passes

3.15.4 Statistics of Normal Points (CRD) in 2012

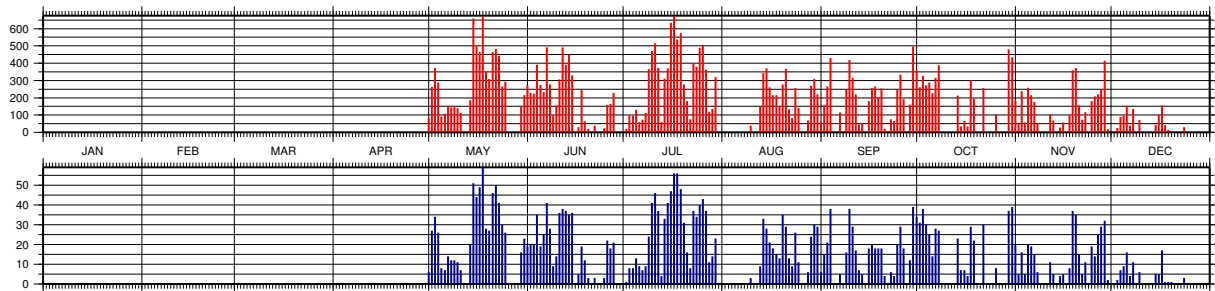


Figure 3.37: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.15.5 Statistics of Full-Rate (CRD) in 2012

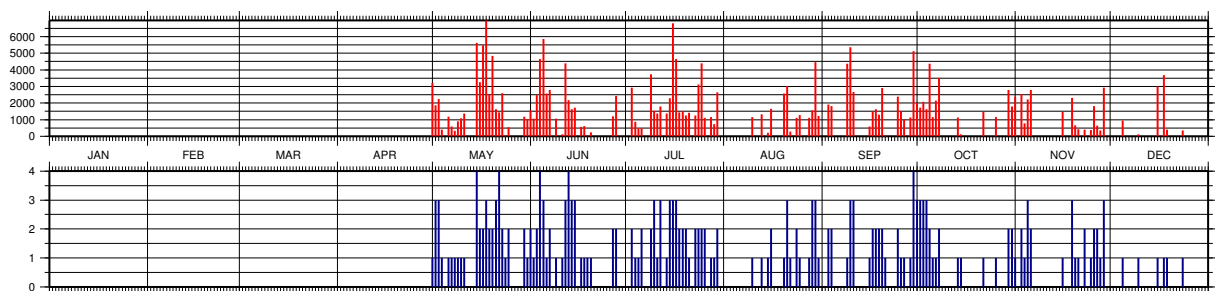


Figure 3.38: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.15.6 Statistics of Normal Points (CSTG) in 2012

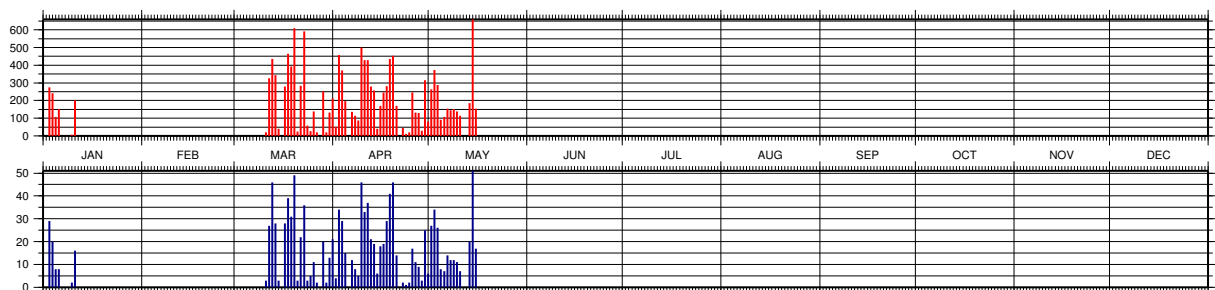


Figure 3.39: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.15.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.15.8 Satellites Tracked by Hartebeesthoek, South Africa in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	5229 ¹ / 394 ²	0 / 0	1797 / 123	0 / 0
Beacon-C (6503201)	529 / 69	0 / 0	307 / 31	0 / 0
Blits (0904907)	618 / 101	0 / 0	211 / 28	0 / 0
Compass-M1 (0701101)	116 / 32	0 / 0	73 / 18	0 / 0
Compass-M3 (1201801)	8 / 2	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	2210 / 160	0 / 0	879 / 55	0 / 0
Envisat (0200901)	330 / 35	0 / 0	651 / 43	0 / 0
Etalon 2 (8903903)	419 / 103	0 / 0	72 / 26	0 / 0
Etalon-1 (8900103)	222 / 63	0 / 0	198 / 47	0 / 0
GPS-36 (9401601)	36 / 10	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	28 / 7	0 / 0	3 / 1	0 / 0
Galileo-102 (1106002)	40 / 9	0 / 0	0 / 0	0 / 0
Galileo-103 (1205501)	7 / 2	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	7 / 1	0 / 0	7 / 2	0 / 0
Giove-B (0802001)	75 / 14	0 / 0	73 / 17	0 / 0
Glonass-102 (0606201)	390 / 94	0 / 0	50 / 12	0 / 0
Glonass-109 (0706503)	189 / 46	0 / 0	38 / 13	0 / 0
Glonass-110 (0804601)	229 / 57	0 / 0	45 / 16	0 / 0
Glonass-115 (0806702)	259 / 63	0 / 0	244 / 56	0 / 0
Glonass-118 (0907003)	123 / 40	0 / 0	41 / 15	0 / 0
Glonass-130 (1107101)	154 / 40	0 / 0	12 / 2	0 / 0
Goce (0901301)	347 / 24	0 / 0	238 / 11	0 / 0
Grace-A (0201201)	1147 / 71	0 / 0	496 / 30	0 / 0
Grace-B (0201202)	1071 / 59	0 / 0	436 / 23	0 / 0
HY-2A (1104301)	658 / 80	0 / 0	222 / 23	0 / 0
Jason-1 (0105501)	4249 / 207	0 / 0	889 / 42	0 / 0
Jason-2 (0803201)	5225 / 235	249874 / 235	2094 / 89	0 / 0
Lageos-1 (7603901)	3263 / 342	0 / 0	1029 / 97	0 / 0
Lageos-2 (9207002)	2584 / 342	0 / 0	1372 / 138	0 / 0
Lares (1200601)	1246 / 123	0 / 0	385 / 29	0 / 0
Larets (0304206)	1017 / 143	0 / 0	360 / 48	0 / 0
Starlette (7501001)	2814 / 275	0 / 0	917 / 90	0 / 0
Stella (9306102)	1313 / 152	0 / 0	456 / 54	0 / 0
TanDEM-X (1003001)	2017 / 124	0 / 0	587 / 30	0 / 0
TerraSAR-X (0702601)	1855 / 104	0 / 0	406 / 24	0 / 0
ZY-3 (1200101)	58 / 8	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.16 Herstmonceux, United Kingdom (7840)

3.16.1 Common Information

Site:	Herstmonceux, United Kingdom
Code:	HERL
Station ID:	7840
Datacenter:	EDC
SOD (DOMES):	78403501 (13212S001)

3.16.2 Status of Station in 2012

SOD	Period	Status
78403501	2012-01-01 - 2012-12-31	Validated

3.16.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	1371 ¹ / 234 ²	0 / 0	7725 / 760	0 / 0
February	1196 / 216	0 / 0	4682 / 517	0 / 0
March	1184 / 240	95985 / 240	6768 / 706	0 / 0
April	807 / 144	158502 / 319	4791 / 488	0 / 0
May	769 / 127	875495 / 210	4403 / 429	0 / 0
June	411 / 72	74641 / 72	0 / 0	0 / 0
July	824 / 140	59314 / 140	0 / 0	0 / 0
August	847 / 145	66188 / 145	0 / 0	0 / 0
September	1339 / 214	76386 / 214	0 / 0	0 / 0
October	594 / 92	28489 / 92	0 / 0	0 / 0
November	1015 / 188	70174 / 188	0 / 0	0 / 0
December	797 / 143	67203 / 143	0 / 0	0 / 0
Year	11154 / 1955	1572377 / 1763	28369 / 2900	0 / 0

¹ Number of observations; ² Number of files/passes

3.16.4 Statistics of Normal Points (CRD) in 2012

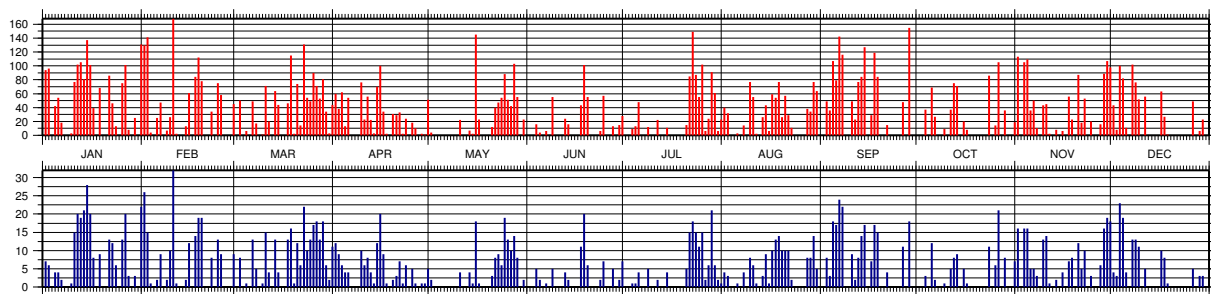


Figure 3.40: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.16.5 Statistics of Full-Rate (CRD) in 2012

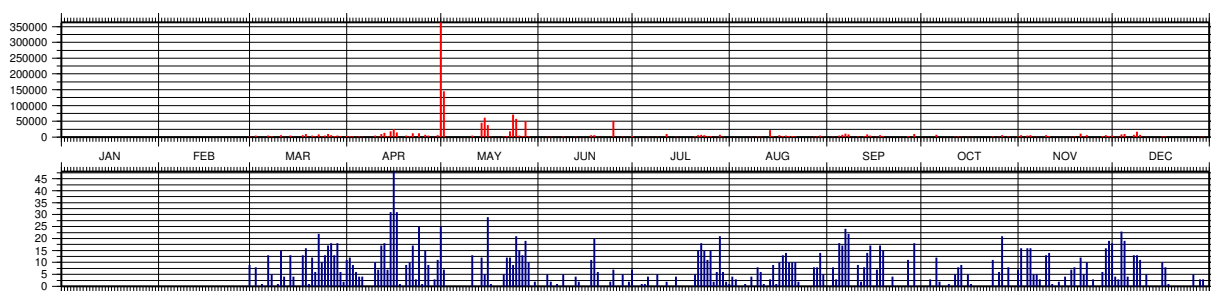


Figure 3.41: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.16.6 Statistics of Normal Points (CSTG) in 2012

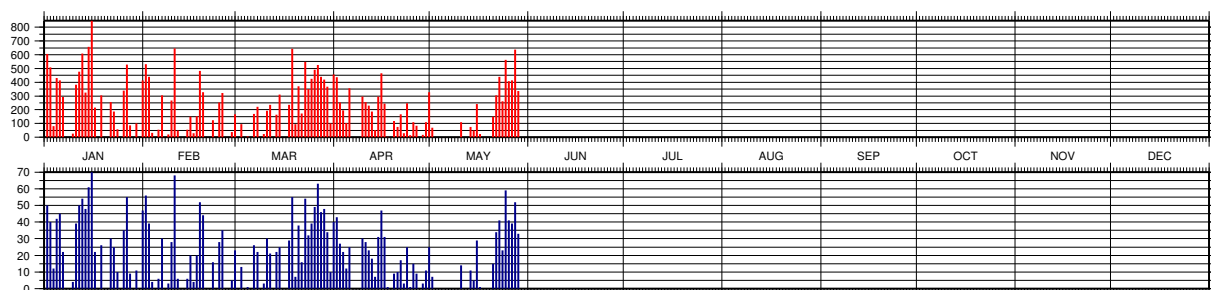


Figure 3.42: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.16.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.16.8 Satellites Tracked by Herstmonceux, United Kingdom in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	40 ¹ / 2 ²	130541 / 16	2224 / 162	0 / 0
Beacon-C (6503201)	0 / 0	99083 / 5	947 / 69	0 / 0
Blits (0904907)	1464 / 207	45088 / 160	787 / 107	0 / 0
Compass-M1 (0701101)	0 / 0	1330 / 4	107 / 30	0 / 0
Cryosat-2 (1001301)	2799 / 197	135429 / 151	1246 / 86	0 / 0
Envisat (0200901)	0 / 0	28298 / 10	1600 / 115	0 / 0
Etalon 2 (8903903)	0 / 0	1059 / 4	153 / 39	0 / 0
Etalon-1 (8900103)	0 / 0	173 / 1	72 / 23	0 / 0
GPS-36 (9401601)	0 / 0	161 / 3	37 / 14	0 / 0
Galileo-101 (1106001)	0 / 0	3597 / 6	166 / 40	0 / 0
Galileo-102 (1106002)	0 / 0	2185 / 7	153 / 42	0 / 0
Giove-A (0505101)	0 / 0	911 / 3	62 / 20	0 / 0
Giove-B (0802001)	0 / 0	997 / 3	30 / 10	0 / 0
Glonass-101 (0606203)	147 / 47	10978 / 32	99 / 30	0 / 0
Glonass-102 (0606201)	140 / 47	12019 / 34	89 / 31	0 / 0
Glonass-103 (0606202)	190 / 63	19318 / 49	109 / 34	0 / 0
Glonass-105 (0705202)	152 / 53	10955 / 42	102 / 32	0 / 0
Glonass-106 (0705201)	153 / 52	13848 / 41	112 / 37	0 / 0
Glonass-107 (0706501)	149 / 47	10929 / 30	102 / 30	0 / 0
Glonass-109 (0706503)	161 / 47	16020 / 34	103 / 29	0 / 0
Glonass-110 (0804601)	131 / 48	10383 / 38	94 / 32	0 / 0
Glonass-111 (0804602)	124 / 42	10918 / 30	83 / 26	0 / 0
Glonass-114 (0806703)	136 / 46	8028 / 33	63 / 20	0 / 0
Glonass-115 (0806702)	142 / 44	20570 / 33	76 / 25	0 / 0
Glonass-116 (0907001)	159 / 49	11957 / 36	64 / 20	0 / 0
Glonass-117 (0907002)	131 / 46	11672 / 38	44 / 14	0 / 0
Glonass-118 (0907003)	118 / 42	8038 / 36	43 / 15	0 / 0
Glonass-119 (1000701)	130 / 46	12283 / 33	74 / 29	0 / 0
Glonass-120 (1000703)	156 / 50	11767 / 38	84 / 28	0 / 0
Glonass-121 (1000702)	166 / 55	13446 / 44	92 / 30	0 / 0
Glonass-122 (1004103)	224 / 72	28679 / 57	124 / 41	0 / 0
Glonass-123 (1004102)	180 / 56	17063 / 39	114 / 34	0 / 0
Glonass-124 (1004101)	196 / 65	27994 / 51	116 / 37	0 / 0
Glonass-125 (1100901)	91 / 28	10817 / 15	83 / 24	0 / 0
Glonass-126 (1105501)	170 / 61	24530 / 46	80 / 29	0 / 0
Glonass-127 (1106403)	41 / 12	5573 / 12	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-128 (1106401)	202 ¹ / 69 ²	33423 / 52	117 / 38	0 / 0
Glonass-129 (1106402)	181 / 59	29764 / 44	63 / 24	0 / 0
Glonass-130 (1107101)	219 / 69	28403 / 56	115 / 35	0 / 0
Glonass-95 (0405302)	52 / 16	5215 / 16	0 / 0	0 / 0
Goce (0901301)	4 / 1	797 / 5	245 / 25	0 / 0
Grace-A (0201201)	9 / 1	26734 / 7	664 / 53	0 / 0
Grace-B (0201202)	14 / 1	15882 / 10	822 / 62	0 / 0
HY-2A (1104301)	0 / 0	21191 / 11	634 / 81	0 / 0
Jason-1 (0105501)	0 / 0	1080 / 3	2262 / 109	0 / 0
Jason-2 (0803201)	17 / 1	128385 / 28	4543 / 192	0 / 0
Lageos-1 (7603901)	20 / 2	106788 / 36	2277 / 228	0 / 0
Lageos-2 (9207002)	0 / 0	17949 / 15	1704 / 152	0 / 0
Lares (1200601)	30 / 2	298430 / 54	1657 / 123	0 / 0
Larets (0304206)	7 / 1	11501 / 12	582 / 80	0 / 0
Starlette (7501001)	0 / 0	27211 / 20	1403 / 142	0 / 0
Stella (9306102)	0 / 0	1908 / 6	680 / 89	0 / 0
TanDEM-X (1003001)	1264 / 99	19607 / 82	495 / 39	0 / 0
TerraSAR-X (0702601)	1445 / 110	21472 / 92	572 / 44	0 / 0

¹ Number of observations; ² Number of files/passes

3.17 Katzively, Ukraine (1893)

3.17.1 Common Information

Site:	Katzively, Ukraine
Code:	KTZL
Station ID:	1893
Datacenter:	EDC
SOD (DOMES):	18931801 (12337S006)

3.17.2 Status of Station in 2012

SOD	Period	Status
18931801	2012-01-01 - 2012-12-31	Validated

3.17.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	963 ¹ / 113 ²	14520 / 113	1001 / 115	13504 / 109
February	2031 / 175	21726 / 175	2031 / 175	1838 / 14
March	1503 / 169	13491 / 169	1503 / 169	1099 / 16
April	1734 / 148	31386 / 148	1734 / 148	4300 / 24
May	2266 / 179	41797 / 179	2029 / 156	2556 / 16
June	2608 / 249	37654 / 249	0 / 0	2155 / 12
July	4230 / 316	70114 / 316	0 / 0	8049 / 43
August	5642 / 454	116351 / 454	0 / 0	11748 / 53
September	3429 / 286	64521 / 286	0 / 0	5455 / 26
October	1775 / 196	24665 / 193	0 / 0	1745 / 16
November	956 / 118	10126 / 118	0 / 0	0 / 0
December	513 / 65	5550 / 65	0 / 0	0 / 0
Year	27650 / 2468	451901 / 2465	8298 / 763	52449 / 329

¹ Number of observations; ² Number of files/passes

3.17.4 Statistics of Normal Points (CRD) in 2012

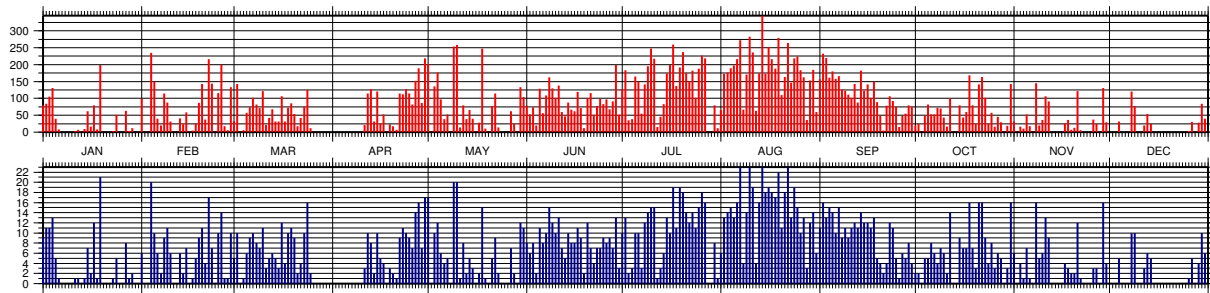


Figure 3.43: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.17.5 Statistics of Full-Rate (CRD) in 2012

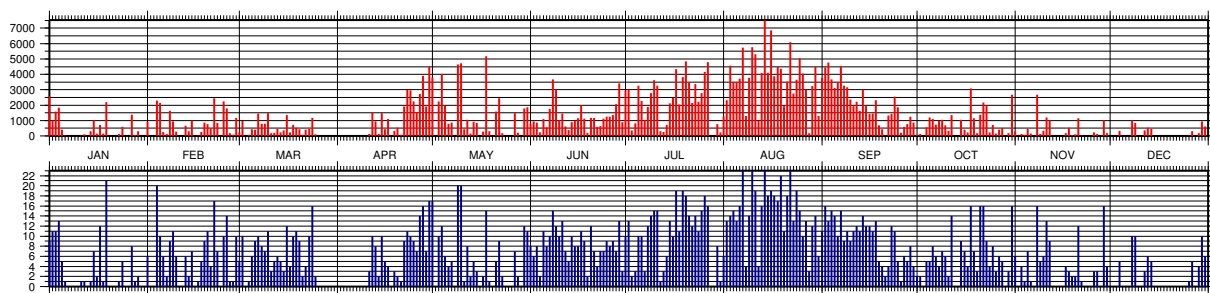


Figure 3.44: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.17.6 Statistics of Normal Points (CSTG) in 2012

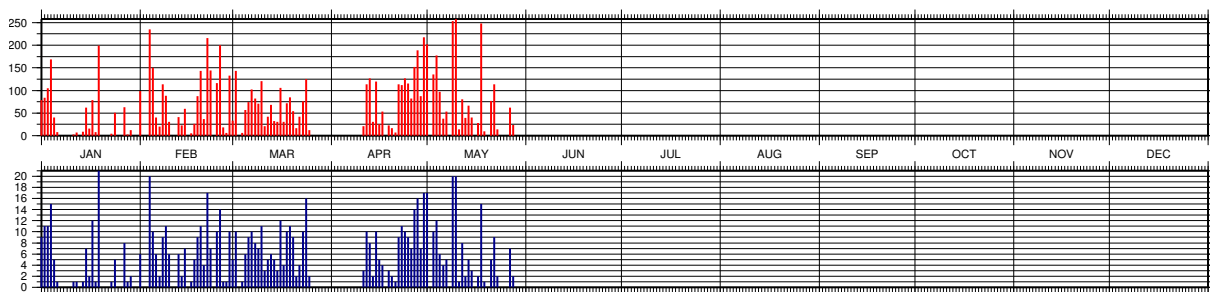


Figure 3.45: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.17.7 Statistics of Full-Rate (MERIT-II) in 2012

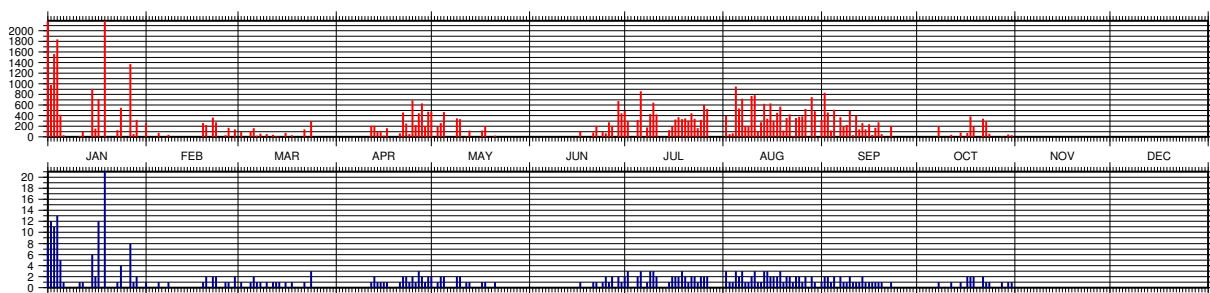


Figure 3.46: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.17.8 Satellites Tracked by Katzively, Ukraine in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	3566 ¹ / 303 ²	102400 / 302	1408 / 115	2467 / 11
Beacon-C (6503201)	2648 / 155	43306 / 155	718 / 44	231 / 1
Blits (0904907)	286 / 53	1846 / 53	75 / 13	0 / 0
Compass-I5 (1107301)	50 / 7	240 / 7	0 / 0	0 / 0
Compass-M1 (0701101)	104 / 14	975 / 14	104 / 14	285 / 3
Compass-M3 (1201801)	41 / 6	464 / 6	0 / 0	0 / 0
Cryosat-2 (1001301)	1032 / 99	10667 / 99	154 / 17	0 / 0
Envisat (0200901)	337 / 34	2780 / 34	197 / 19	0 / 0
Etalon 2 (8903903)	137 / 20	1522 / 20	61 / 9	254 / 4
Etalon-1 (8900103)	116 / 17	1348 / 17	7 / 1	57 / 1
GPS-36 (9401601)	57 / 7	321 / 7	15 / 2	0 / 0
Galileo-101 (1106001)	84 / 11	938 / 11	31 / 4	333 / 3
Galileo-102 (1106002)	100 / 12	1571 / 12	41 / 5	172 / 1
Galileo-103 (1205501)	9 / 1	81 / 1	0 / 0	0 / 0
Galileo-104 (1205502)	6 / 1	21 / 1	0 / 0	0 / 0
Giove-A (0505101)	15 / 2	98 / 2	15 / 2	98 / 2
Giove-B (0802001)	19 / 3	166 / 3	12 / 2	0 / 0
Glionass-102 (0606201)	148 / 21	1453 / 21	92 / 13	247 / 2
Glionass-109 (0706503)	195 / 29	2319 / 29	110 / 16	548 / 5
Glionass-110 (0804601)	206 / 30	2774 / 30	105 / 15	137 / 2
Glionass-115 (0806702)	240 / 36	8014 / 36	49 / 7	904 / 3
Glionass-118 (0907003)	194 / 32	1940 / 32	12 / 2	0 / 0
Glionass-120 (1000703)	59 / 10	458 / 10	42 / 7	141 / 3
Glionass-122 (1004103)	59 / 8	818 / 8	0 / 0	0 / 0
Glionass-123 (1004102)	33 / 4	459 / 4	0 / 0	0 / 0
Glionass-124 (1004101)	51 / 8	804 / 8	0 / 0	0 / 0
Glionass-125 (1100901)	38 / 6	300 / 6	38 / 6	240 / 4
Glionass-127 (1106403)	27 / 4	709 / 4	0 / 0	0 / 0
Glionass-129 (1106402)	21 / 3	654 / 3	0 / 0	0 / 0
Glionass-130 (1107101)	279 / 45	10369 / 45	86 / 13	0 / 0
Glionass-95 (0405302)	24 / 3	141 / 3	0 / 0	0 / 0
Goce (0901301)	205 / 14	1418 / 14	38 / 3	0 / 0
Grace-A (0201201)	582 / 32	2823 / 32	214 / 11	0 / 0
Grace-B (0201202)	581 / 34	3190 / 34	170 / 11	0 / 0
HY-2A (1104301)	347 / 48	3922 / 48	142 / 19	742 / 9
Jason-1 (0105501)	3555 / 201	32342 / 201	578 / 39	488 / 5

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Jason-2 (0803201)	4312 ¹ / 232 ²	39820 / 231	1340 / 75	39201 / 224
Lageos-1 (7603901)	850 / 112	18393 / 111	610 / 77	1655 / 11
Lageos-2 (9207002)	1192 / 149	43030 / 149	206 / 29	2838 / 11
Lares (1200601)	2031 / 200	31825 / 200	621 / 62	0 / 0
Larets (0304206)	376 / 60	4909 / 60	113 / 18	165 / 3
Starlette (7501001)	1782 / 200	42543 / 200	318 / 41	739 / 7
Stella (9306102)	929 / 134	24034 / 134	147 / 21	0 / 0
TanDEM-X (1003001)	312 / 25	1120 / 25	244 / 17	248 / 7
TerraSAR-X (0702601)	287 / 27	955 / 27	185 / 14	259 / 7
ZY-3 (1200101)	128 / 16	1621 / 16	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.18 Koganei, Japan(CRL) (7308)

3.18.1 Common Information

Site:	Koganei, Japan(CRL)
Code:	KOGC
Station ID:	7308
Datacenter:	CDDIS
SOD (DOMES):	73085001 (21704S002)

3.18.2 Status of Station in 2012

SOD	Period	Status
73085001	2012-01-01 - 2012-12-31	Validated

3.18.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	1517 ¹ / 165 ²	2870 / 6	1517 / 165	0 / 0
February	1504 / 184	4305 / 6	1504 / 184	0 / 0
March	938 / 104	7701 / 6	934 / 103	0 / 0
April	177 / 21	1600 / 1	177 / 21	0 / 0
May	493 / 45	1456 / 3	465 / 41	0 / 0
June	253 / 29	534 / 1	0 / 0	0 / 0
July	267 / 25	1208 / 3	0 / 0	0 / 0
August	1463 / 153	6196 / 11	0 / 0	0 / 0
September	580 / 60	1097 / 4	0 / 0	0 / 0
October	530 / 61	1584 / 4	0 / 0	0 / 0
November	677 / 71	2279 / 3	0 / 0	0 / 0
December	838 / 77	6740 / 7	0 / 0	0 / 0
Year	9237 / 995	37570 / 55	4597 / 514	0 / 0

¹ Number of observations; ² Number of files/passes

3.18.4 Statistics of Normal Points (CRD) in 2012

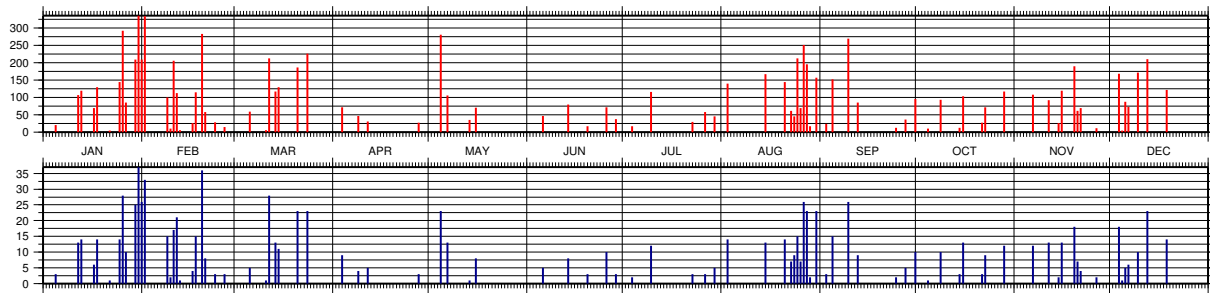


Figure 3.47: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.18.5 Statistics of Full-Rate (CRD) in 2012

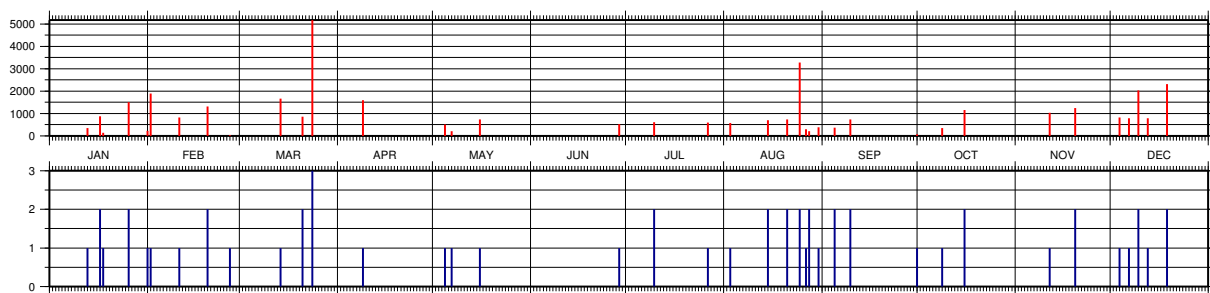


Figure 3.48: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.18.6 Statistics of Normal Points (CSTG) in 2012

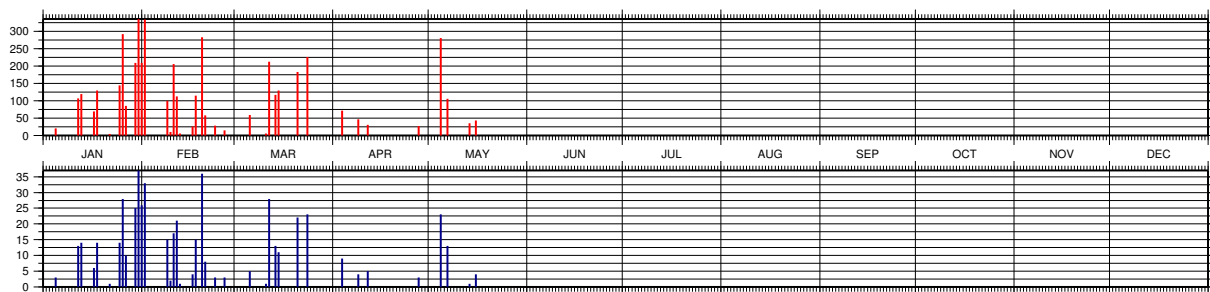


Figure 3.49: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.18.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.18.8 Satellites Tracked by Koganei, Japan(CRL) in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1348 ¹ / 100 ²	0 / 0	545 / 45	0 / 0
Beacon-C (6503201)	1029 / 64	0 / 0	491 / 28	0 / 0
Blits (0904907)	17 / 3	0 / 0	4 / 1	0 / 0
Compass-G1 (1000101)	14 / 3	0 / 0	0 / 0	0 / 0
Compass-I3 (1101301)	15 / 3	0 / 0	0 / 0	0 / 0
Compass-I5 (1107301)	5 / 1	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	49 / 9	0 / 0	49 / 9	0 / 0
Compass-M3 (1201801)	6 / 1	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	275 / 22	0 / 0	109 / 8	0 / 0
Envisat (0200901)	47 / 4	0 / 0	47 / 4	0 / 0
Etalon 2 (8903903)	66 / 12	0 / 0	32 / 6	0 / 0
Etalon-1 (8900103)	121 / 23	0 / 0	30 / 6	0 / 0
GPS-36 (9401601)	83 / 12	0 / 0	72 / 11	0 / 0
Galileo-101 (1106001)	105 / 18	0 / 0	69 / 11	0 / 0
Galileo-102 (1106002)	95 / 18	0 / 0	68 / 13	0 / 0
Giove-A (0505101)	40 / 8	0 / 0	35 / 7	0 / 0
Giove-B (0802001)	23 / 4	0 / 0	17 / 3	0 / 0
Glonass-102 (0606201)	148 / 27	0 / 0	92 / 17	0 / 0
Glonass-109 (0706503)	175 / 31	0 / 0	108 / 19	0 / 0
Glonass-110 (0804601)	107 / 19	0 / 0	65 / 11	0 / 0
Glonass-115 (0806702)	131 / 24	0 / 0	80 / 15	0 / 0
Glonass-118 (0907003)	159 / 29	0 / 0	77 / 13	0 / 0
Glonass-127 (1106403)	5 / 1	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	6 / 1	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	80 / 15	0 / 0	22 / 4	0 / 0
Goce (0901301)	11 / 2	0 / 0	6 / 1	0 / 0
Grace-A (0201201)	111 / 7	0 / 0	105 / 6	0 / 0
Grace-B (0201202)	42 / 4	0 / 0	34 / 3	0 / 0
HY-2A (1104301)	191 / 25	0 / 0	88 / 10	0 / 0
Jason-1 (0105501)	396 / 26	0 / 0	87 / 6	0 / 0
Jason-2 (0803201)	1035 / 56	37570 / 55	416 / 23	0 / 0
Lageos-1 (7603901)	575 / 79	0 / 0	387 / 52	0 / 0
Lageos-2 (9207002)	679 / 90	0 / 0	288 / 38	0 / 0
Lares (1200601)	351 / 33	0 / 0	130 / 11	0 / 0
Larets (0304206)	65 / 9	0 / 0	65 / 9	0 / 0
QSZ-1 (1004501)	671 / 109	0 / 0	473 / 74	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Starlette (7501001)	602 ¹ / 73 ²	0 / 0	280 / 33	0 / 0
Stella (9306102)	108 / 16	0 / 0	62 / 9	0 / 0
TanDEM-X (1003001)	187 / 10	0 / 0	126 / 6	0 / 0
TerraSAR-X (0702601)	64 / 4	0 / 0	38 / 2	0 / 0

¹ Number of observations; ² Number of files/passes

3.19 Komsomolsk-na-Amure, Russia (1868)

3.19.1 Common Information

Site:	Komsomolsk-na-Amure, Russia
Code:	KOML
Station ID:	1868
Datacenter:	EDC
SOD (DOMES):	18685901 (12341S001)

3.19.2 Status of Station in 2012

SOD	Period	Status
18685901	2012-01-01 - 2012-03-21	Quarantine
18685901	2012-03-21 - 2012-12-31	Validated

3.19.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	421 ¹ / 119 ²	0 / 0	0 / 0	0 / 0
February	430 / 132	0 / 0	0 / 0	0 / 0
March	229 / 69	0 / 0	73 / 18	0 / 0
April	100 / 32	0 / 0	93 / 29	0 / 0
May	85 / 23	0 / 0	96 / 21	0 / 0
June	55 / 15	0 / 0	0 / 0	0 / 0
July	0 / 0	0 / 0	0 / 0	0 / 0
August	0 / 0	0 / 0	0 / 0	0 / 0
September	8 / 2	0 / 0	0 / 0	0 / 0
October	195 / 71	0 / 0	0 / 0	0 / 0
November	91 / 34	0 / 0	0 / 0	0 / 0
December	244 / 106	0 / 0	0 / 0	0 / 0
Year	1858 / 603	0 / 0	262 / 68	0 / 0

¹ Number of observations; ² Number of files/passes

3.19.4 Statistics of Normal Points (CRD) in 2012

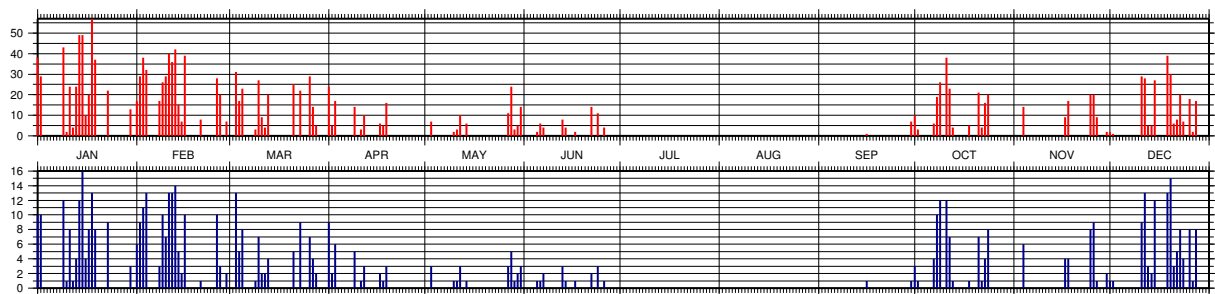


Figure 3.50: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.19.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.19.6 Statistics of Normal Points (CSTG) in 2012

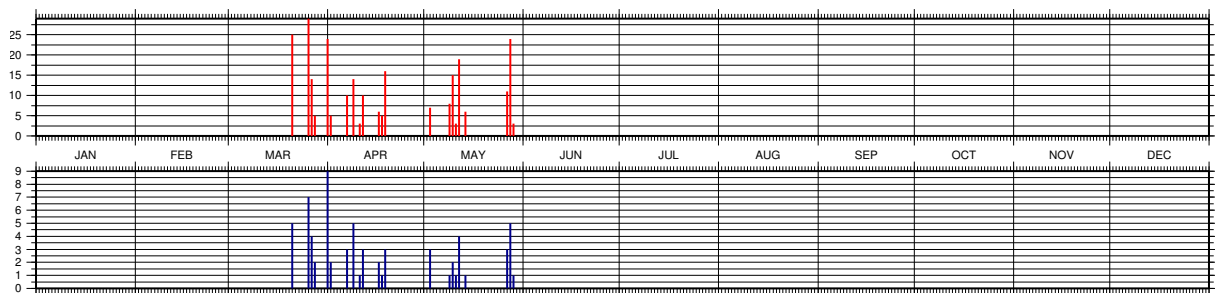


Figure 3.51: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.19.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.19.8 Satellites Tracked by Komsomolsk-na-Amure, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	6 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Blits (0904907)	40 / 7	0 / 0	27 / 3	0 / 0
Etalon 2 (8903903)	8 / 2	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	13 / 6	0 / 0	0 / 0	0 / 0
GPS-36 (9401601)	9 / 3	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	3 / 1	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	161 / 71	0 / 0	17 / 5	0 / 0
Glonass-106 (0705201)	4 / 2	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	167 / 75	0 / 0	21 / 9	0 / 0
Glonass-110 (0804601)	144 / 63	0 / 0	28 / 11	0 / 0
Glonass-115 (0806702)	88 / 35	0 / 0	24 / 10	0 / 0
Glonass-118 (0907003)	80 / 41	0 / 0	2 / 1	0 / 0
Glonass-120 (1000703)	118 / 53	0 / 0	19 / 9	0 / 0
Glonass-125 (1100901)	44 / 23	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	37 / 19	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	51 / 25	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	3 / 1	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	19 / 3	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	3 / 1	0 / 0	0 / 0	0 / 0
Lageos-1 (7603901)	438 / 83	0 / 0	67 / 14	0 / 0
Lageos-2 (9207002)	274 / 61	0 / 0	12 / 2	0 / 0
Lares (1200601)	48 / 6	0 / 0	45 / 4	0 / 0
Larets (0304206)	100 / 21	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.20 Kunming, China (7820)

3.20.1 Common Information

Site:	Kunming, China
Code:	KUNL
Station ID:	7820
Datacenter:	EDC
SOD (DOMES):	78208201 (21609S002)

3.20.2 Status of Station in 2012

SOD	Period	Status
78208201	2012-01-01 - 2012-12-31	Quarantine

3.20.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0
February	0 / 0	0 / 0	0 / 0	0 / 0
March	0 / 0	0 / 0	0 / 0	0 / 0
April	0 / 0	0 / 0	0 / 0	0 / 0
May	0 / 0	0 / 0	0 / 0	0 / 0
June	0 / 0	0 / 0	0 / 0	0 / 0
July	0 / 0	0 / 0	0 / 0	0 / 0
August	0 / 0	0 / 0	0 / 0	0 / 0
September	0 / 0	0 / 0	0 / 0	0 / 0
October	0 / 0	0 / 0	0 / 0	0 / 0
November	0 / 0	0 / 0	0 / 0	0 / 0
December	406 / 33	0 / 0	0 / 0	0 / 0
Year	406 / 33	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.20.4 Statistics of Normal Points (CRD) in 2012

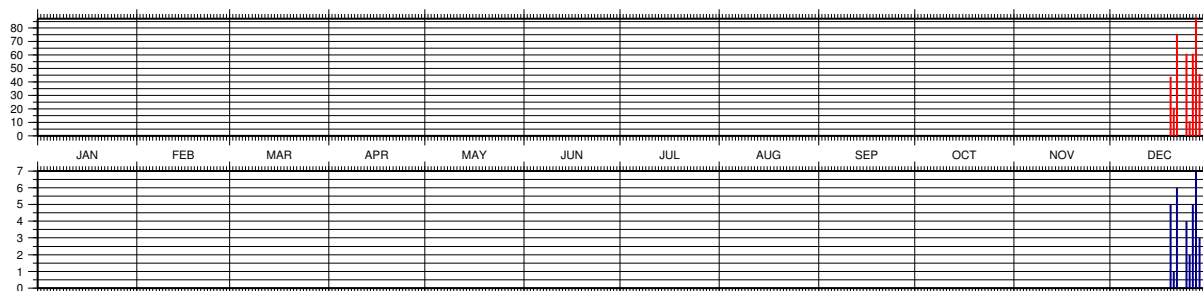


Figure 3.52: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.20.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.20.6 Statistics of Normal Points (CSTG) in 2012

No data available in 2012

3.20.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.20.8 Satellites Tracked by Kunming, China in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beacon-C (6503201)	64 ¹ / 4 ²	0 / 0	0 / 0	0 / 0
Blits (0904907)	26 / 1	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	31 / 3	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	46 / 2	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	49 / 5	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	36 / 3	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	31 / 2	0 / 0	0 / 0	0 / 0
Lares (1200601)	37 / 5	0 / 0	0 / 0	0 / 0
Larets (0304206)	24 / 5	0 / 0	0 / 0	0 / 0
TanDEM-X (1003001)	41 / 2	0 / 0	0 / 0	0 / 0
TerraSAR-X (0702601)	21 / 1	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.21 Matera, Italy (MLRO) (7941)

3.21.1 Common Information

Site:	Matera, Italy (MLRO)
Code:	MATM
Station ID:	7941
Datacenter:	EDC
SOD (DOMES):	79417701 (12734S008)

3.21.2 Status of Station in 2012

SOD	Period	Status
79417701	2012-01-01 - 2012-12-31	Validated

3.21.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	7409 ¹ / 830 ²	1084269 / 796	7433 / 832	1020496 / 665
February	3067 / 316	382890 / 292	3123 / 323	401879 / 258
March	7972 / 902	1164882 / 856	7972 / 902	1041614 / 690
April	4868 / 544	805324 / 544	4885 / 546	658243 / 421
May	3796 / 467	745683 / 466	3646 / 449	538900 / 327
June	10656 / 1325	2518567 / 1331	0 / 0	183847 / 77
July	9699 / 1076	2129420 / 1076	0 / 0	0 / 0
August	13298 / 1419	2920588 / 1449	0 / 0	177210 / 66
September	5381 / 626	847192 / 640	0 / 0	0 / 0
October	6813 / 762	1365675 / 771	0 / 0	156563 / 76
November	4490 / 512	943411 / 513	0 / 0	0 / 0
December	1867 / 214	382228 / 214	0 / 0	0 / 0
Year	79316 / 8993	15290129 / 8948	27059 / 3052	4178752 / 2580

¹ Number of observations; ² Number of files/passes

3.21.4 Statistics of Normal Points (CRD) in 2012

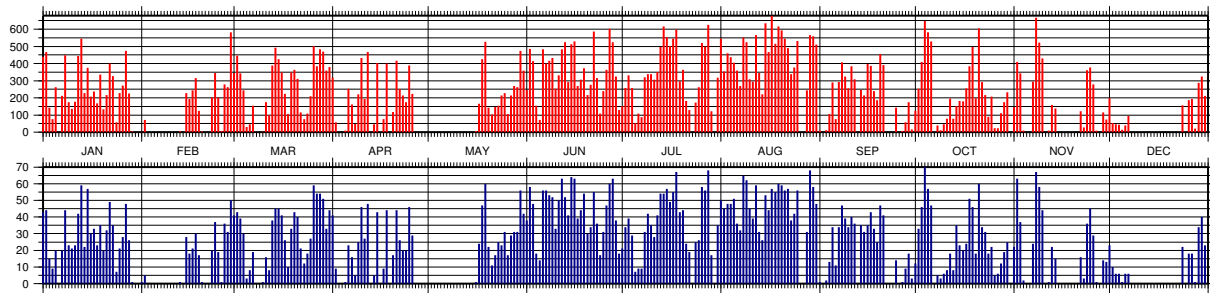


Figure 3.53: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.21.5 Statistics of Full-Rate (CRD) in 2012

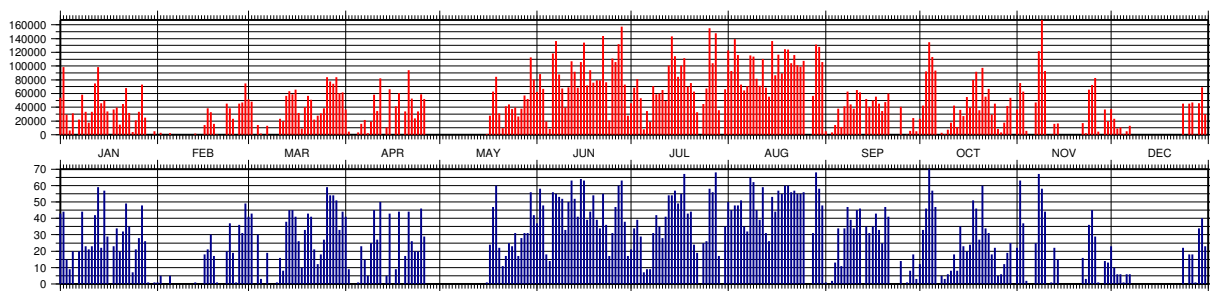


Figure 3.54: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.21.6 Statistics of Normal Points (CSTG) in 2012

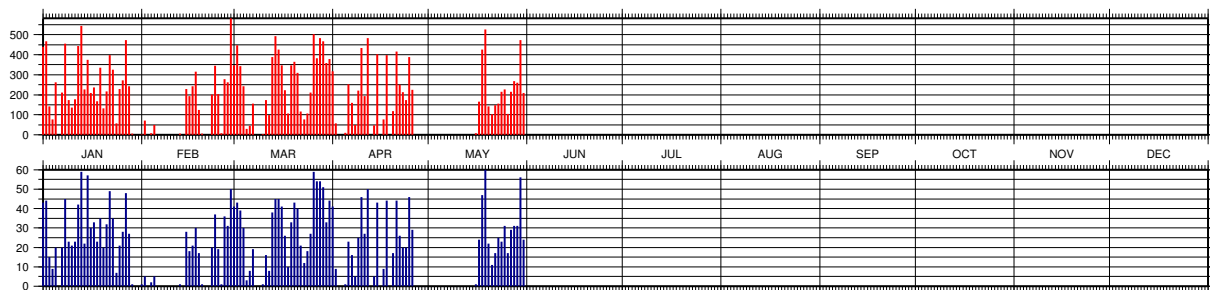


Figure 3.55: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.21.7 Statistics of Full-Rate (MERIT-II) in 2012

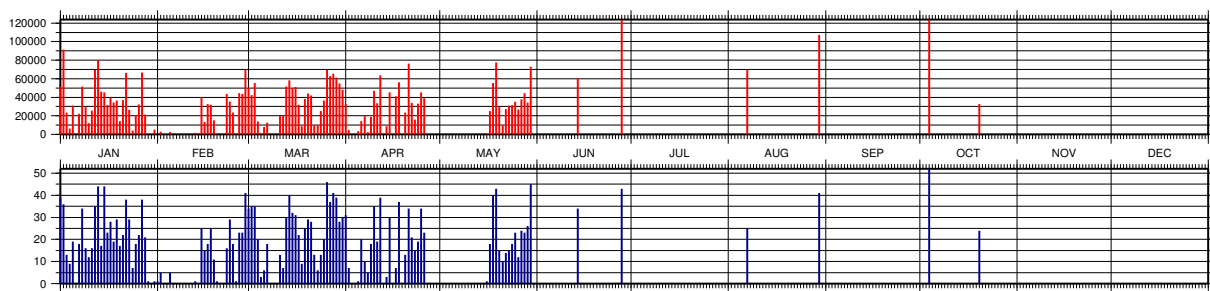


Figure 3.56: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.21.8 Satellites Tracked by Matera, Italy (MLRO) in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	7580 ¹ / 633 ²	987684 / 627	2817 / 222	362321 / 233
Apollo-11 (0000100)	3 / 3	41 / 3	0 / 0	0 / 0
Apollo-14 (0000102)	2 / 2	8 / 2	0 / 0	0 / 0
Apollo-15 (0000103)	28 / 28	632 / 28	1 / 1	0 / 0
Beacon-C (6503201)	6694 / 428	443882 / 433	2413 / 148	158183 / 164
Blits (0904907)	456 / 101	13888 / 99	126 / 30	2945 / 33
Compass-I5 (1107301)	364 / 97	151978 / 101	0 / 0	1963 / 1
Compass-M1 (0701101)	365 / 97	192875 / 97	280 / 77	144626 / 58
Compass-M3 (1201801)	228 / 65	98029 / 67	0 / 0	9271 / 7
Cryosat-2 (1001301)	2665 / 234	133045 / 234	959 / 87	45529 / 89
Envisat (0200901)	1185 / 108	61685 / 106	1019 / 86	56561 / 89
Etalon 2 (8903903)	1084 / 290	416535 / 289	420 / 109	155587 / 88
Etalon-1 (8900103)	1399 / 356	548959 / 349	255 / 69	86682 / 55
GPS-36 (9401601)	335 / 100	41923 / 99	131 / 38	17162 / 33
Galileo-101 (1106001)	631 / 174	373286 / 172	268 / 74	121222 / 57
Galileo-102 (1106002)	658 / 191	311422 / 188	365 / 99	174650 / 76
Galileo-103 (1205501)	23 / 7	9682 / 7	0 / 0	0 / 0
Galileo-104 (1205502)	60 / 20	29403 / 20	0 / 0	0 / 0
Giove-A (0505101)	108 / 31	39236 / 31	87 / 24	30469 / 15
Giove-B (0802001)	136 / 41	25365 / 42	70 / 21	9770 / 19
Glonass-102 (0606201)	387 / 105	110779 / 105	176 / 48	0 / 0
Glonass-109 (0706503)	732 / 189	331060 / 190	190 / 56	0 / 0
Glonass-110 (0804601)	412 / 119	172268 / 119	159 / 47	0 / 0
Glonass-115 (0806702)	1132 / 279	829163 / 282	305 / 77	0 / 0
Glonass-118 (0907003)	297 / 91	110121 / 92	65 / 23	0 / 0
Glonass-125 (1100901)	98 / 33	15899 / 27	98 / 33	0 / 0
Glonass-127 (1106403)	134 / 30	83887 / 30	0 / 0	0 / 0
Glonass-129 (1106402)	178 / 45	119487 / 45	0 / 0	0 / 0
Glonass-130 (1107101)	1264 / 310	985726 / 310	384 / 98	0 / 0
Goce (0901301)	68 / 12	1488 / 11	18 / 4	425 / 4
Grace-A (0201201)	811 / 67	14588 / 65	310 / 25	5520 / 25
Grace-B (0201202)	622 / 48	12105 / 48	161 / 11	3528 / 12
HY-2A (1104301)	2221 / 290	185157 / 288	673 / 91	52962 / 100
Jason-1 (0105501)	7222 / 389	333110 / 387	1816 / 109	83286 / 118
Jason-2 (0803201)	8491 / 465	400233 / 463	2973 / 153	145833 / 168
Lageos-1 (7603901)	7742 / 948	3340794 / 935	2597 / 330	1184677 / 286

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Lageos-2 (9207002)	6968 ¹ / 831 ²	2888633 / 829	2167 / 266	782032 / 212
Lares (1200601)	4914 / 429	427210 / 430	1359 / 112	129878 / 126
Larets (0304206)	1335 / 227	105438 / 226	499 / 77	41783 / 82
Starlette (7501001)	6694 / 697	704665 / 689	2614 / 268	285943 / 282
Stella (9306102)	1931 / 243	205063 / 241	735 / 91	75401 / 97
TanDEM-X (1003001)	1011 / 82	20816 / 83	339 / 32	6913 / 33
TerraSAR-X (0702601)	634 / 55	11803 / 55	210 / 16	3630 / 18
ZY-3 (1200101)	14 / 3	1078 / 4	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.22 McDonald Observatory, Texas (7080)

3.22.1 Common Information

Site:	McDonald Observatory, Texas
Code:	MDOL
Station ID:	7080
Datacenter:	CDDIS
SOD (DOMES):	70802419 (40442M006)

3.22.2 Status of Station in 2012

SOD	Period	Status
70802419	2012-01-01 - 2012-12-31	Validated

3.22.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	1876 ¹ / 227 ²	7137 / 13	1879 / 228	0 / 0
February	1338 / 164	2448 / 10	1333 / 163	0 / 0
March	1403 / 170	9575 / 13	1392 / 171	0 / 0
April	960 / 118	4768 / 11	961 / 119	0 / 0
May	996 / 111	3645 / 6	302 / 33	0 / 0
June	406 / 62	547 / 4	0 / 0	0 / 0
July	721 / 80	2929 / 9	0 / 0	0 / 0
August	999 / 136	3978 / 11	0 / 0	0 / 0
September	626 / 87	1781 / 9	0 / 0	0 / 0
October	1171 / 144	4230 / 7	0 / 0	0 / 0
November	1911 / 218	7214 / 16	0 / 0	0 / 0
December	1625 / 201	6087 / 13	0 / 0	0 / 0
Year	14032 / 1718	54339 / 122	5867 / 714	0 / 0

¹ Number of observations; ² Number of files/passes

3.22.4 Statistics of Normal Points (CRD) in 2012

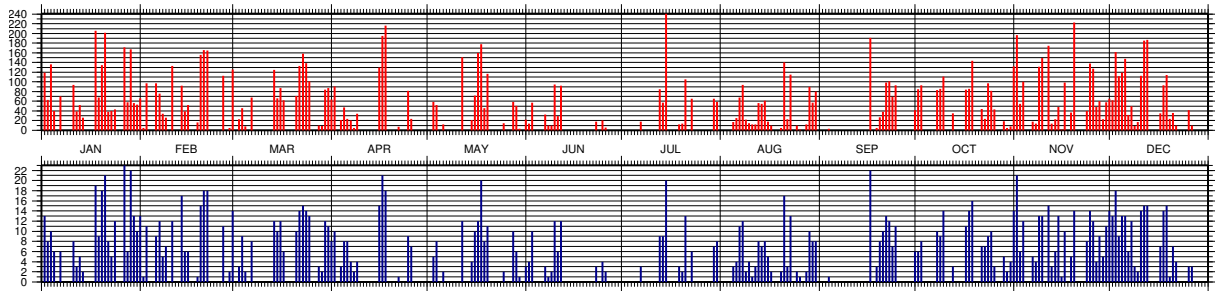


Figure 3.57: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.22.5 Statistics of Full-Rate (CRD) in 2012

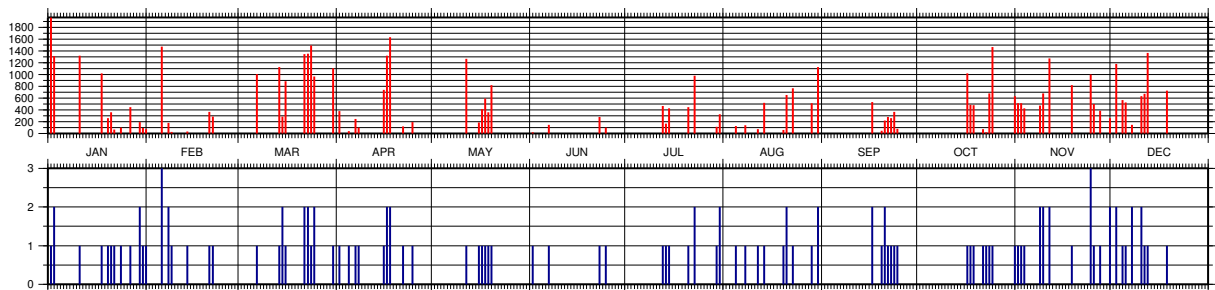


Figure 3.58: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.22.6 Statistics of Normal Points (CSTG) in 2012

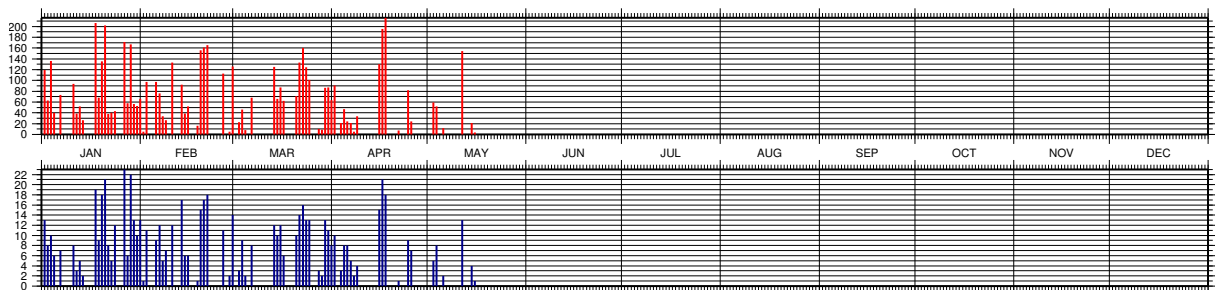


Figure 3.59: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.22.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.22.8 Satellites Tracked by McDonald Observatory, Texas in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1685 ¹ / 168 ²	0 / 0	490 / 52	0 / 0
Apollo-15 (0000103)	27 / 16	0 / 0	16 / 9	0 / 0
Beacon-C (6503201)	2905 / 199	0 / 0	1058 / 64	0 / 0
Blits (0904907)	2 / 1	0 / 0	11 / 5	0 / 0
Compass-M1 (0701101)	47 / 12	0 / 0	47 / 12	0 / 0
Compass-M3 (1201801)	3 / 1	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	346 / 50	0 / 0	118 / 21	0 / 0
Envisat (0200901)	199 / 27	0 / 0	191 / 26	0 / 0
Etalon 2 (8903903)	81 / 22	0 / 0	59 / 16	0 / 0
Etalon-1 (8900103)	94 / 26	0 / 0	24 / 7	0 / 0
GPS-36 (9401601)	2 / 1	0 / 0	2 / 1	0 / 0
Galileo-101 (1106001)	98 / 25	0 / 0	69 / 17	0 / 0
Galileo-102 (1106002)	123 / 26	0 / 0	78 / 15	0 / 0
Galileo-103 (1205501)	13 / 4	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	11 / 3	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	29 / 8	0 / 0	26 / 7	0 / 0
Giove-B (0802001)	10 / 3	0 / 0	7 / 2	0 / 0
Glonass-102 (0606201)	19 / 5	0 / 0	11 / 3	0 / 0
Glonass-109 (0706503)	96 / 26	0 / 0	30 / 7	0 / 0
Glonass-110 (0804601)	64 / 17	0 / 0	21 / 6	0 / 0
Glonass-115 (0806702)	38 / 9	0 / 0	34 / 8	0 / 0
Glonass-118 (0907003)	66 / 17	0 / 0	9 / 2	0 / 0
Glonass-125 (1100901)	9 / 2	0 / 0	9 / 2	0 / 0
Glonass-127 (1106403)	11 / 3	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	63 / 16	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	84 / 20	0 / 0	40 / 9	0 / 0
Grace-A (0201201)	17 / 2	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	11 / 2	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	103 / 30	0 / 0	58 / 14	0 / 0
Jason-1 (0105501)	930 / 77	0 / 0	314 / 22	0 / 0
Jason-2 (0803201)	1534 / 124	54339 / 122	745 / 50	0 / 0
Lageos-1 (7603901)	1394 / 192	0 / 0	742 / 102	0 / 0
Lageos-2 (9207002)	1695 / 230	0 / 0	784 / 98	0 / 0
Lares (1200601)	646 / 83	0 / 0	218 / 26	0 / 0
Larets (0304206)	170 / 42	0 / 0	78 / 18	0 / 0
Starlette (7501001)	913 / 134	0 / 0	401 / 59	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Stella (9306102)	482 ¹ / 91 ²	0 / 0	172 / 32	0 / 0
TerraSAR-X (0702601)	12 / 4	0 / 0	5 / 2	0 / 0

¹ Number of observations; ² Number of files/passes

3.23 Monument Peak, California (7110)

3.23.1 Common Information

Site:	Monument Peak, California
Code:	MONL
Station ID:	7110
Datacenter:	CDDIS
SOD (DOMES):	71100412 (40497M001)

3.23.2 Status of Station in 2012

SOD	Period	Status
71100412	2012-01-01 - 2012-03-21	Validated
71100412	2012-03-21 - 2012-04-11	Quarantine (released)
71100412	2012-04-11 - 2012-12-31	Validated

3.23.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	7444 / 589	0 / 0
February	0 / 0	0 / 0	3383 / 312	0 / 0
March	0 / 0	0 / 0	6481 / 441	0 / 0
April	0 / 0	0 / 0	5304 / 406	0 / 0
May	8967 / 722	71644 / 40	4783 / 407	0 / 0
June	6340 / 466	45321 / 23	0 / 0	0 / 0
July	6025 / 492	38813 / 24	0 / 0	0 / 0
August	3335 / 307	7061 / 8	0 / 0	0 / 0
September	5479 / 486	51577 / 43	0 / 0	0 / 0
October	4618 / 386	30426 / 27	0 / 0	0 / 0
November	4949 / 435	28782 / 21	0 / 0	0 / 0
December	2323 / 188	6202 / 5	0 / 0	0 / 0
Year	42036 / 3482	279826 / 191	27395 / 2155	0 / 0

¹ Number of observations; ² Number of files/passes

3.23.4 Statistics of Normal Points (CRD) in 2012

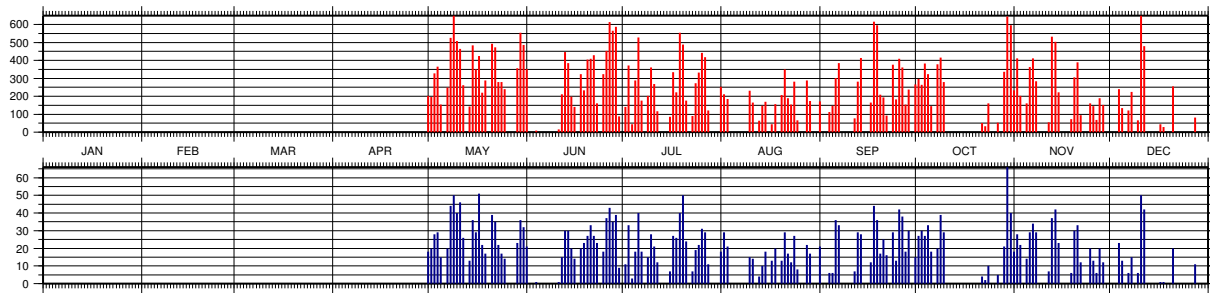


Figure 3.60: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.23.5 Statistics of Full-Rate (CRD) in 2012

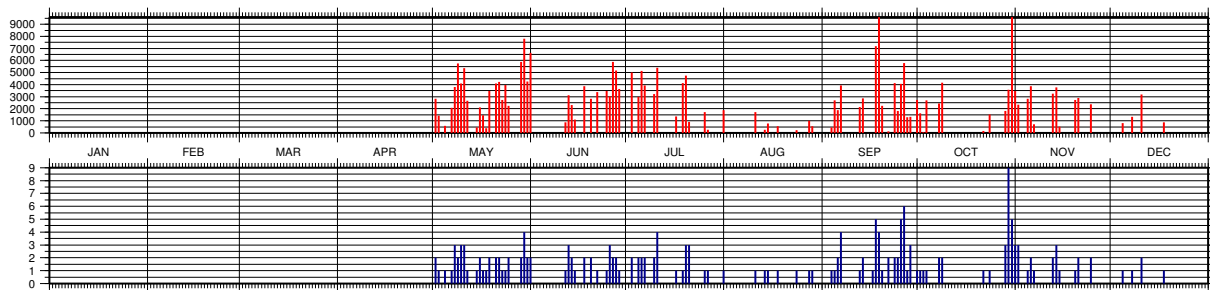


Figure 3.61: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.23.6 Statistics of Normal Points (CSTG) in 2012

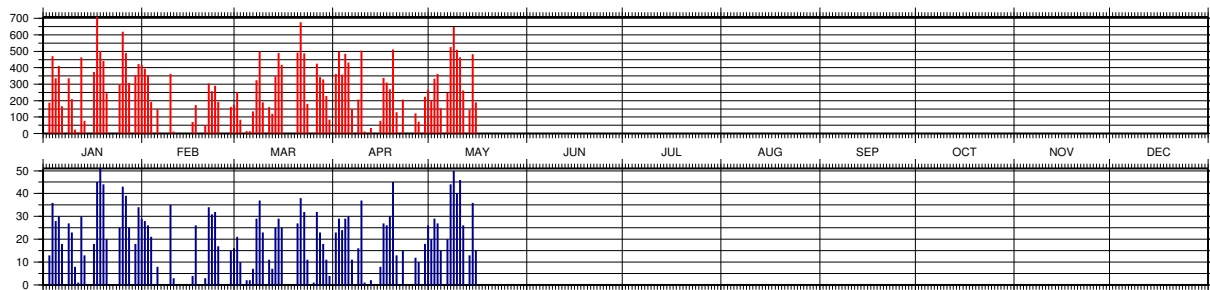


Figure 3.62: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.23.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.23.8 Satellites Tracked by Monument Peak, California in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	4401 ¹ / 281 ²	0 / 0	2784 / 158	0 / 0
Beacon-C (6503201)	4818 / 190	0 / 0	3633 / 135	0 / 0
Blits (0904907)	962 / 115	0 / 0	656 / 74	0 / 0
Compass-M1 (0701101)	46 / 14	0 / 0	98 / 29	0 / 0
Compass-M3 (1201801)	46 / 21	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	1655 / 97	0 / 0	1408 / 80	0 / 0
Envisat (0200901)	126 / 15	0 / 0	1230 / 72	0 / 0
Etalon 2 (8903903)	104 / 45	0 / 0	171 / 41	0 / 0
Etalon-1 (8900103)	108 / 46	0 / 0	93 / 32	0 / 0
GPS-36 (9401601)	40 / 14	0 / 0	6 / 2	0 / 0
Galileo-101 (1106001)	115 / 47	0 / 0	194 / 63	0 / 0
Galileo-102 (1106002)	126 / 52	0 / 0	164 / 55	0 / 0
Galileo-103 (1205501)	18 / 7	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	10 / 5	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	30 / 10	0 / 0	35 / 10	0 / 0
Giove-B (0802001)	24 / 12	0 / 0	30 / 11	0 / 0
Glonass-102 (0606201)	76 / 30	0 / 0	77 / 30	0 / 0
Glonass-109 (0706503)	130 / 45	0 / 0	54 / 18	0 / 0
Glonass-110 (0804601)	102 / 37	0 / 0	66 / 23	0 / 0
Glonass-115 (0806702)	88 / 33	0 / 0	221 / 61	0 / 0
Glonass-118 (0907003)	93 / 40	0 / 0	57 / 21	0 / 0
Glonass-125 (1100901)	0 / 0	0 / 0	66 / 23	0 / 0
Glonass-127 (1106403)	37 / 14	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	87 / 26	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	186 / 70	0 / 0	102 / 33	0 / 0
Goce (0901301)	1121 / 58	0 / 0	527 / 27	0 / 0
Grace-A (0201201)	1317 / 117	0 / 0	669 / 56	0 / 0
Grace-B (0201202)	1339 / 116	0 / 0	551 / 52	0 / 0
HY-2A (1104301)	1665 / 142	0 / 0	802 / 78	0 / 0
Jason-1 (0105501)	4335 / 176	0 / 0	1991 / 68	0 / 0
Jason-2 (0803201)	4405 / 191	279826 / 191	3220 / 110	0 / 0
Lageos-1 (7603901)	2239 / 292	0 / 0	1413 / 164	0 / 0
Lageos-2 (9207002)	1844 / 236	0 / 0	1800 / 184	0 / 0
Lares (1200601)	2183 / 144	0 / 0	889 / 59	0 / 0
Larets (0304206)	914 / 109	0 / 0	487 / 56	0 / 0
Starlette (7501001)	2375 / 209	0 / 0	1551 / 133	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Stella (9306102)	848 ¹ / 85 ²	0 / 0	592 / 57	0 / 0
TanDEM-X (1003001)	1660 / 143	0 / 0	840 / 61	0 / 0
TerraSAR-X (0702601)	2340 / 196	0 / 0	918 / 79	0 / 0
ZY-3 (1200101)	23 / 2	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.24 Mt Stromlo, Australia (7825)

3.24.1 Common Information

Site:	Mt Stromlo, Australia
Code:	STL3
Station ID:	7825
Datacenter:	EDC
SOD (DOMES):	78259001 (50119S003)

3.24.2 Status of Station in 2012

SOD	Period	Status
78259001	2012-01-01 - 2012-12-31	Validated

3.24.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	3531 ¹ / 373 ²	35872 / 93	3531 / 373	0 / 0
February	5360 / 537	0 / 0	5399 / 544	1157 / 7
March	4313 / 402	7797 / 19	4322 / 402	353 / 1
April	8167 / 689	43122 / 34	8183 / 689	0 / 0
May	12488 / 1012	38969 / 37	12456 / 1006	0 / 0
June	8522 / 746	30159 / 36	8522 / 746	0 / 0
July	10992 / 932	53289 / 53	10990 / 931	0 / 0
August	11588 / 1016	46215 / 66	11591 / 1016	0 / 0
September	9921 / 826	23648 / 30	9907 / 825	0 / 0
October	11504 / 954	27792 / 29	11500 / 953	0 / 0
November	4062 / 380	20912 / 20	4062 / 380	855 / 2
December	4886 / 456	4324 / 9	4863 / 452	0 / 0
Year	95334 / 8323	332099 / 426	95326 / 8317	2365 / 10

¹ Number of observations; ² Number of files/passes

3.24.4 Statistics of Normal Points (CRD) in 2012

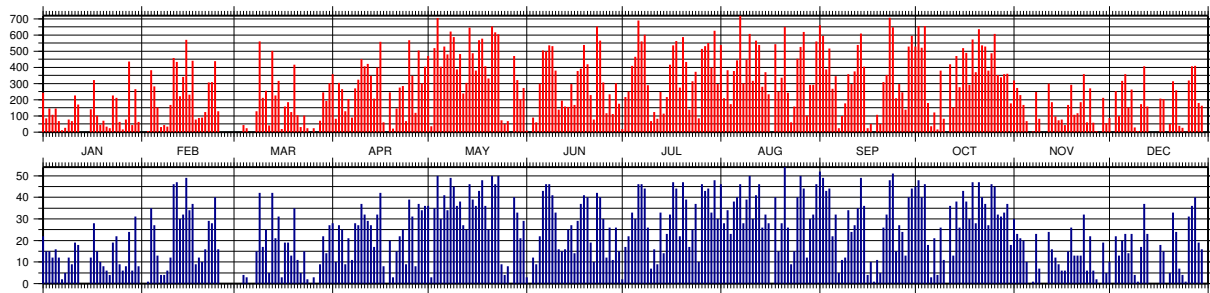


Figure 3.63: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.24.5 Statistics of Full-Rate (CRD) in 2012

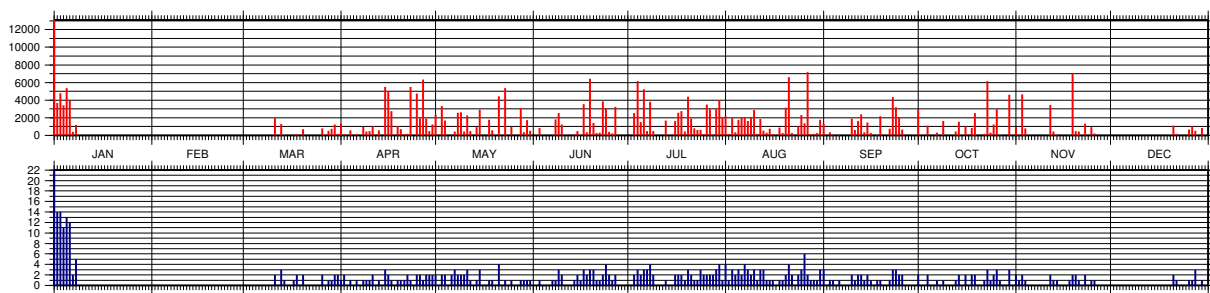


Figure 3.64: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.24.6 Statistics of Normal Points (CSTG) in 2012

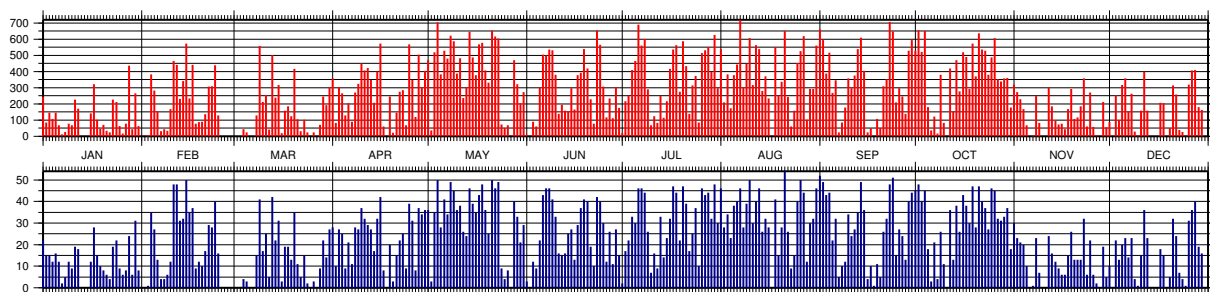


Figure 3.65: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.24.7 Statistics of Full-Rate (MERIT-II) in 2012

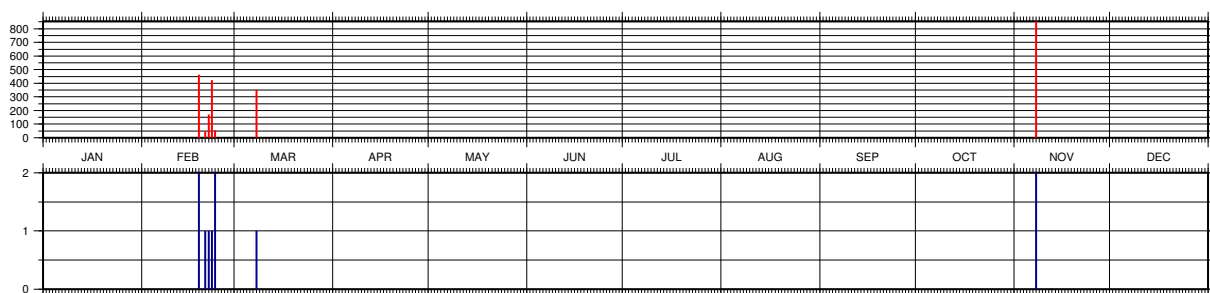


Figure 3.66: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.24.8 Satellites Tracked by Mt Stromlo, Australia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	16566 ¹ / 1210 ²	12800 / 22	16588 / 1212	0 / 0
Blits (0904907)	959 / 195	0 / 0	959 / 195	0 / 0
Compass-G1 (1000101)	42 / 9	635 / 4	42 / 9	0 / 0
Compass-I3 (1101301)	78 / 12	0 / 0	78 / 12	0 / 0
Compass-I5 (1107301)	1 / 1	51 / 1	1 / 1	0 / 0
Compass-M1 (0701101)	175 / 26	0 / 0	151 / 23	0 / 0
Compass-M3 (1201801)	89 / 20	0 / 0	75 / 18	0 / 0
Cryosat-2 (1001301)	3549 / 258	48 / 1	3561 / 259	0 / 0
Envisat (0200901)	1618 / 142	1559 / 5	1618 / 142	0 / 0
Etalon 2 (8903903)	83 / 27	0 / 0	81 / 26	0 / 0
Etalon-1 (8900103)	127 / 35	0 / 0	124 / 34	0 / 0
GPS-36 (9401601)	66 / 13	0 / 0	66 / 13	0 / 0
Galileo-101 (1106001)	316 / 71	0 / 0	304 / 69	0 / 0
Galileo-102 (1106002)	334 / 73	0 / 0	334 / 73	0 / 0
Galileo-103 (1205501)	17 / 3	0 / 0	17 / 3	0 / 0
Galileo-104 (1205502)	35 / 5	0 / 0	35 / 5	0 / 0
Giove-A (0505101)	2 / 1	0 / 0	2 / 1	0 / 0
Giove-B (0802001)	6 / 3	0 / 0	6 / 3	0 / 0
Glonass-101 (0606203)	1 / 1	0 / 0	1 / 1	0 / 0
Glonass-102 (0606201)	112 / 35	0 / 0	112 / 35	0 / 0
Glonass-109 (0706503)	89 / 31	0 / 0	89 / 31	0 / 0
Glonass-110 (0804601)	95 / 20	0 / 0	95 / 20	0 / 0
Glonass-115 (0806702)	530 / 101	0 / 0	513 / 99	0 / 0
Glonass-118 (0907003)	86 / 21	0 / 0	86 / 21	0 / 0
Glonass-123 (1004102)	3 / 1	0 / 0	3 / 1	0 / 0
Glonass-125 (1100901)	9 / 3	0 / 0	9 / 3	0 / 0
Glonass-126 (1105501)	4 / 1	0 / 0	4 / 1	0 / 0
Glonass-127 (1106403)	110 / 10	0 / 0	110 / 10	0 / 0
Glonass-128 (1106401)	13 / 3	0 / 0	13 / 3	0 / 0
Glonass-129 (1106402)	18 / 5	0 / 0	18 / 5	0 / 0
Glonass-130 (1107101)	479 / 93	0 / 0	476 / 91	0 / 0
Goce (0901301)	770 / 68	0 / 0	770 / 68	0 / 0
Grace-A (0201201)	3472 / 240	733 / 5	3472 / 240	0 / 0
Grace-B (0201202)	3814 / 229	511 / 3	3814 / 229	0 / 0
HY-2A (1104301)	3832 / 408	1356 / 4	3832 / 408	0 / 0
Jason-1 (0105501)	7037 / 390	112 / 1	7037 / 390	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Jason-2 (0803201)	10013 ¹ / 501 ²	438 / 3	10013 / 501	0 / 0
Lageos-1 (7603901)	4910 / 636	692 / 3	4917 / 637	0 / 0
Lageos-2 (9207002)	4810 / 535	0 / 0	4810 / 535	0 / 0
Lares (1200601)	3600 / 353	295541 / 328	3619 / 354	2365 / 10
Larets (0304206)	2608 / 353	2390 / 6	2608 / 353	0 / 0
QSZ-1 (1004501)	180 / 49	0 / 0	182 / 50	0 / 0
Starlette (7501001)	10338 / 1049	6217 / 17	10340 / 1050	0 / 0
Stella (9306102)	4585 / 545	5189 / 9	4585 / 545	0 / 0
TanDEM-X (1003001)	5029 / 281	962 / 6	5032 / 281	0 / 0
TerraSAR-X (0702601)	4690 / 251	2865 / 8	4690 / 251	0 / 0
ZY-3 (1200101)	34 / 6	0 / 0	34 / 6	0 / 0

¹ Number of observations; ² Number of files/passes

3.25 Potsdam, Germany (7841)

3.25.1 Common Information

Site:	Potsdam, Germany
Code:	POT3
Station ID:	7841
Datacenter:	EDC
SOD (DOMES):	78418701 (14106S011)

3.25.2 Status of Station in 2012

SOD	Period	Status
78418701	2012-01-01 - 2012-12-31	Validated

3.25.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	4867 ¹ / 318 ²	0 / 0	4865 / 318	0 / 0
February	5537 / 349	400496 / 11	5524 / 349	0 / 0
March	5912 / 406	405359 / 40	5937 / 408	0 / 0
April	3730 / 256	202830 / 32	3725 / 256	0 / 0
May	4720 / 341	482814 / 37	4594 / 339	0 / 0
June	2805 / 214	120513 / 14	47 / 4	0 / 0
July	3885 / 261	147855 / 20	0 / 0	0 / 0
August	7351 / 484	472571 / 46	0 / 0	0 / 0
September	5402 / 366	442932 / 38	0 / 0	0 / 0
October	8395 / 538	422888 / 36	0 / 0	0 / 0
November	2036 / 111	99914 / 7	0 / 0	0 / 0
December	3118 / 186	139360 / 17	0 / 0	0 / 0
Year	57758 / 3830	3337532 / 298	24692 / 1674	0 / 0

¹ Number of observations; ² Number of files/passes

3.25.4 Statistics of Normal Points (CRD) in 2012

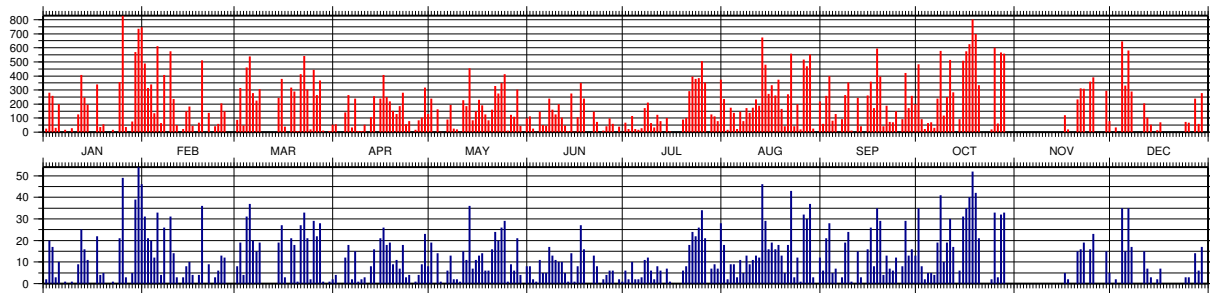


Figure 3.67: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.25.5 Statistics of Full-Rate (CRD) in 2012

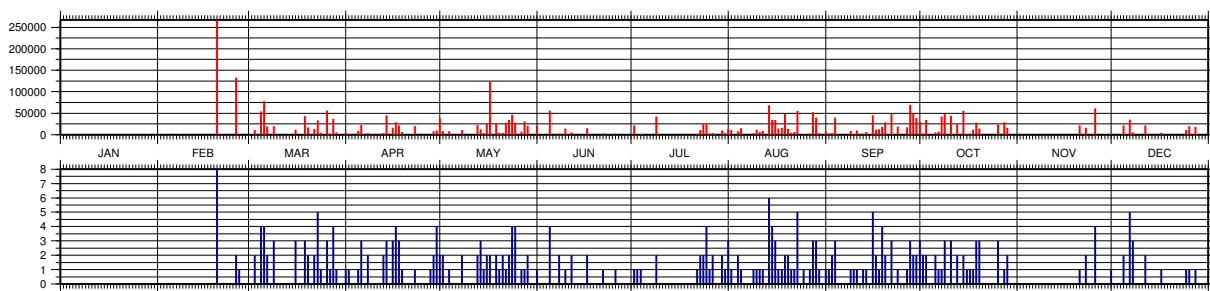


Figure 3.68: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.25.6 Statistics of Normal Points (CSTG) in 2012

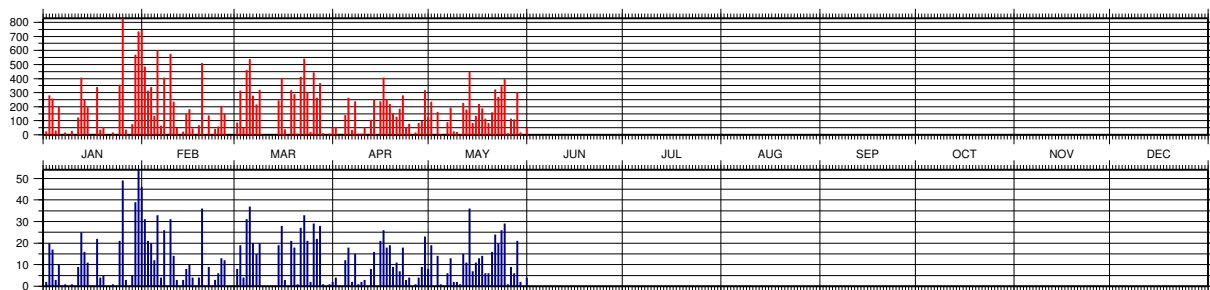


Figure 3.69: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.25.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.25.8 Satellites Tracked by Potsdam, Germany in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	4629 ¹ / 292 ²	0 / 0	2122 / 133	0 / 0
Beacon-C (6503201)	2502 / 130	0 / 0	1177 / 63	0 / 0
Blits (0904907)	703 / 103	38788 / 28	310 / 46	0 / 0
Compass-M3 (1201801)	9 / 1	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	2320 / 148	0 / 0	1003 / 64	0 / 0
Envisat (0200901)	1589 / 102	0 / 0	1525 / 95	0 / 0
Etalon 2 (8903903)	29 / 4	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	86 / 9	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	120 / 13	0 / 0	69 / 7	0 / 0
Galileo-102 (1106002)	180 / 20	0 / 0	100 / 11	0 / 0
Galileo-104 (1205502)	9 / 2	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	51 / 8	0 / 0	37 / 6	0 / 0
Glonass-109 (0706503)	54 / 6	0 / 0	34 / 3	0 / 0
Glonass-110 (0804601)	13 / 2	0 / 0	13 / 2	0 / 0
Glonass-114 (0806703)	27 / 2	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	153 / 22	0 / 0	92 / 12	0 / 0
Glonass-116 (0907001)	47 / 6	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	27 / 2	0 / 0	0 / 0	0 / 0
Glonass-120 (1000703)	13 / 2	0 / 0	13 / 2	0 / 0
Glonass-122 (1004103)	155 / 22	0 / 0	80 / 11	0 / 0
Glonass-123 (1004102)	180 / 24	0 / 0	75 / 10	0 / 0
Glonass-124 (1004101)	233 / 26	0 / 0	137 / 15	0 / 0
Glonass-126 (1105501)	307 / 35	0 / 0	82 / 10	0 / 0
Glonass-127 (1106403)	73 / 7	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	347 / 40	0 / 0	67 / 8	0 / 0
Glonass-129 (1106402)	198 / 28	0 / 0	60 / 10	0 / 0
Glonass-130 (1107101)	272 / 32	0 / 0	100 / 13	0 / 0
Goce (0901301)	776 / 46	0 / 0	390 / 23	0 / 0
Grace-A (0201201)	2319 / 118	0 / 0	795 / 43	0 / 0
Grace-B (0201202)	2134 / 117	0 / 0	887 / 49	0 / 0
HY-2A (1104301)	1291 / 134	0 / 0	657 / 69	0 / 0
Jason-1 (0105501)	6431 / 273	0 / 0	1499 / 69	0 / 0
Jason-2 (0803201)	9054 / 363	0 / 0	3607 / 147	0 / 0
Lageos-1 (7603901)	2589 / 269	12997 / 1	1424 / 140	0 / 0
Lageos-2 (9207002)	1988 / 180	0 / 0	631 / 58	0 / 0
Lares (1200601)	4559 / 328	3285747 / 269	1904 / 136	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Larets (0304206)	1315 ¹ / 168 ²	0 / 0	607 / 77	0 / 0
Starlette (7501001)	3298 / 273	0 / 0	1418 / 117	0 / 0
Stella (9306102)	2085 / 216	0 / 0	938 / 98	0 / 0
TanDEM-X (1003001)	2419 / 116	0 / 0	1262 / 60	0 / 0
TerraSAR-X (0702601)	3143 / 138	0 / 0	1577 / 67	0 / 0
ZY-3 (1200101)	31 / 3	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.26 Riga, Latvia (1884)

3.26.1 Common Information

Site:	Riga, Latvia
Code:	RIGL
Station ID:	1884
Datacenter:	EDC
SOD (DOMES):	18844401 (12302S002)

3.26.2 Status of Station in 2012

SOD	Period	Status
18844401	2012-01-01 - 2012-07-07	Validated
18844401	2012-07-07 - 2012-09-11	Quarantine (released)
18844401	2012-09-11 - 2012-12-31	Validated

3.26.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	471 ¹ / 33 ²	0 / 0	471 / 33	0 / 0
February	1078 / 85	0 / 0	1080 / 87	0 / 0
March	756 / 66	0 / 0	756 / 66	0 / 0
April	974 / 60	0 / 0	977 / 61	0 / 0
May	1230 / 86	0 / 0	1249 / 88	0 / 0
June	88 / 12	0 / 0	88 / 12	0 / 0
July	1230 / 69	0 / 0	199 / 12	0 / 0
August	908 / 55	0 / 0	0 / 0	0 / 0
September	34 / 4	0 / 0	0 / 0	0 / 0
October	296 / 33	0 / 0	0 / 0	0 / 0
November	189 / 19	0 / 0	0 / 0	0 / 0
December	49 / 4	0 / 0	0 / 0	0 / 0
Year	7303 / 526	0 / 0	4820 / 359	0 / 0

¹ Number of observations; ² Number of files/passes

3.26.4 Statistics of Normal Points (CRD) in 2012

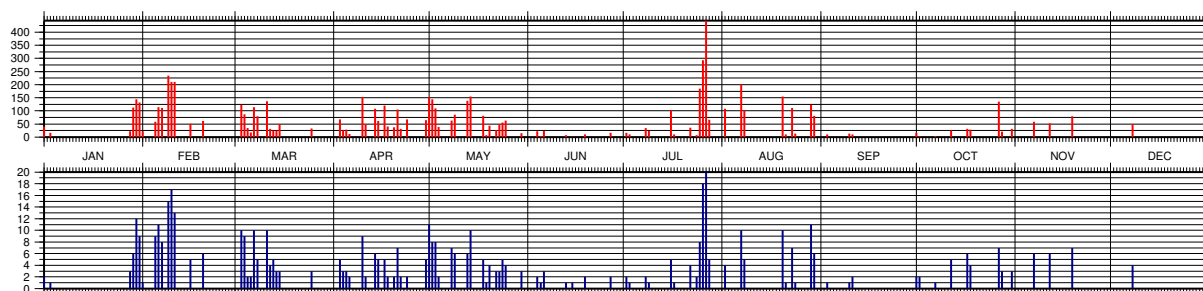


Figure 3.70: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.26.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.26.6 Statistics of Normal Points (CSTG) in 2012

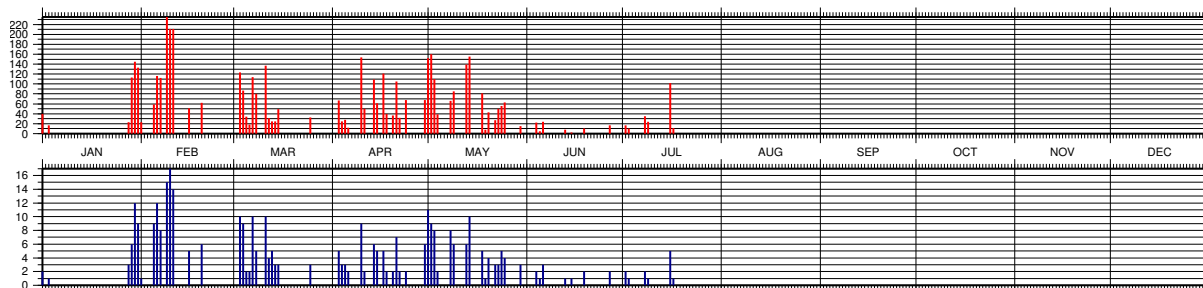


Figure 3.71: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.26.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.26.8 Satellites Tracked by Riga, Latvia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1451 ¹ / 79 ²	0 / 0	923 / 49	0 / 0
Blits (0904907)	26 / 7	0 / 0	26 / 7	0 / 0
Cryosat-2 (1001301)	633 / 60	0 / 0	298 / 27	0 / 0
Envisat (0200901)	399 / 34	0 / 0	415 / 35	0 / 0
Goce (0901301)	157 / 9	0 / 0	157 / 9	0 / 0
Grace-A (0201201)	408 / 33	0 / 0	409 / 34	0 / 0
Grace-B (0201202)	559 / 42	0 / 0	555 / 42	0 / 0
HY-2A (1104301)	269 / 27	0 / 0	158 / 15	0 / 0
Jason-1 (0105501)	611 / 32	0 / 0	147 / 9	0 / 0
Jason-2 (0803201)	1546 / 63	0 / 0	870 / 37	0 / 0
Lageos-1 (7603901)	139 / 20	0 / 0	139 / 20	0 / 0
Lageos-2 (9207002)	81 / 13	0 / 0	59 / 8	0 / 0
Larets (0304206)	176 / 25	0 / 0	161 / 20	0 / 0
Starlette (7501001)	210 / 23	0 / 0	96 / 11	0 / 0
Stella (9306102)	280 / 33	0 / 0	161 / 20	0 / 0
TanDEM-X (1003001)	187 / 14	0 / 0	125 / 9	0 / 0
TerraSAR-X (0702601)	171 / 12	0 / 0	121 / 7	0 / 0

¹ Number of observations; ² Number of files/passes

3.27 Riyadh, Saudi Arabia (7832)

3.27.1 Common Information

Site:	Riyadh, Saudi Arabia
Code:	RIYL
Station ID:	7832
Datacenter:	EDC
SOD (DOMES):	78325501 (20101S001)

3.27.2 Status of Station in 2012

SOD	Period	Status
78325501	2012-01-01 - 2012-12-31	Quarantine

3.27.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0
February	0 / 0	0 / 0	0 / 0	0 / 0
March	0 / 0	0 / 0	66 / 9	1860 / 9
April	0 / 0	0 / 0	2 / 1	0 / 0
May	0 / 0	0 / 0	0 / 0	0 / 0
June	0 / 0	0 / 0	7 / 2	0 / 0
July	0 / 0	0 / 0	8 / 2	0 / 0
August	0 / 0	0 / 0	13 / 2	0 / 0
September	0 / 0	0 / 0	0 / 0	0 / 0
October	0 / 0	0 / 0	0 / 0	0 / 0
November	0 / 0	0 / 0	0 / 0	0 / 0
December	0 / 0	0 / 0	0 / 0	0 / 0
Year	0 / 0	0 / 0	96 / 16	1860 / 9

¹ Number of observations; ² Number of files/passes

3.27.4 Statistics of Normal Points (CRD) in 2012

No data available in 2012

3.27.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.27.6 Statistics of Normal Points (CSTG) in 2012

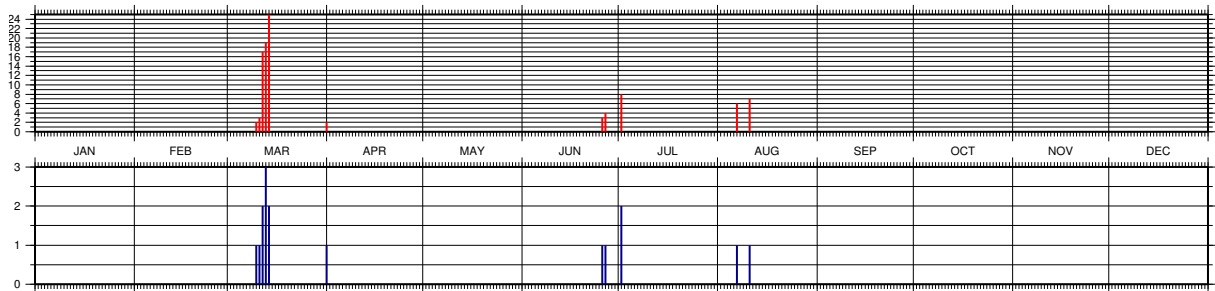


Figure 3.72: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.27.7 Statistics of Full-Rate (MERIT-II) in 2012

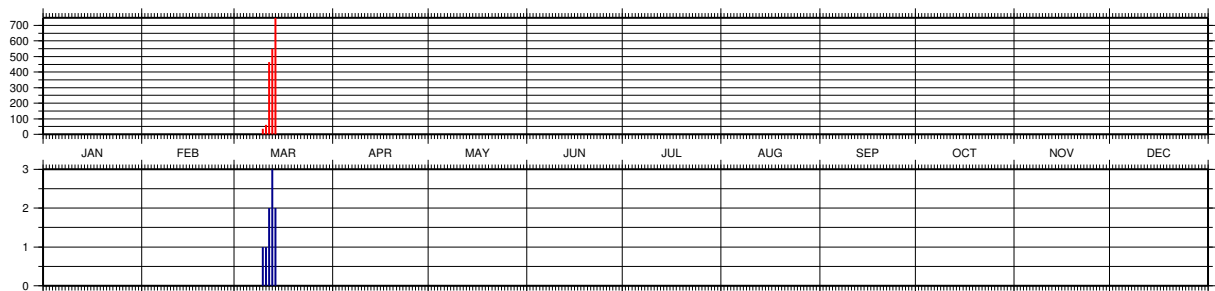


Figure 3.73: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.27.8 Satellites Tracked by Riyadh, Saudi Arabia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	0 ¹ / 0 ²	0 / 0	25 / 4	631 / 3
Beacon-C (6503201)	0 / 0	0 / 0	52 / 6	1073 / 3
Envisat (0200901)	0 / 0	0 / 0	5 / 2	72 / 1
Lageos-1 (7603901)	0 / 0	0 / 0	7 / 1	0 / 0
Larets (0304206)	0 / 0	0 / 0	2 / 1	35 / 1
Starlette (7501001)	0 / 0	0 / 0	5 / 2	49 / 1

¹ Number of observations; ² Number of files/passes

3.28 San Fernando, Spain (7824)

3.28.1 Common Information

Site:	San Fernando, Spain
Code:	SFEL
Station ID:	7824
Datacenter:	EDC
SOD (DOMES):	78244502 (13402S007)

3.28.2 Status of Station in 2012

SOD	Period	Status
78244502	2012-01-01 - 2012-12-31	Validated

3.28.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	2645 / 254	61461 / 200
February	0 / 0	1221 / 2	4208 / 393	125042 / 345
March	0 / 0	566 / 2	1789 / 195	49560 / 190
April	0 / 0	0 / 0	1598 / 144	62215 / 139
May	956 / 93	46931 / 78	3682 / 291	152428 / 269
June	2743 / 262	112339 / 262	0 / 0	0 / 0
July	3441 / 239	159040 / 238	0 / 0	0 / 0
August	3285 / 306	144005 / 304	0 / 0	0 / 0
September	2260 / 194	76877 / 194	0 / 0	0 / 0
October	2972 / 276	118785 / 276	0 / 0	0 / 0
November	2106 / 167	102148 / 166	0 / 0	0 / 0
December	3507 / 264	158915 / 264	0 / 0	0 / 0
Year	21270 / 1801	920827 / 1786	13922 / 1277	450706 / 1143

¹ Number of observations; ² Number of files/passes

3.28.4 Statistics of Normal Points (CRD) in 2012

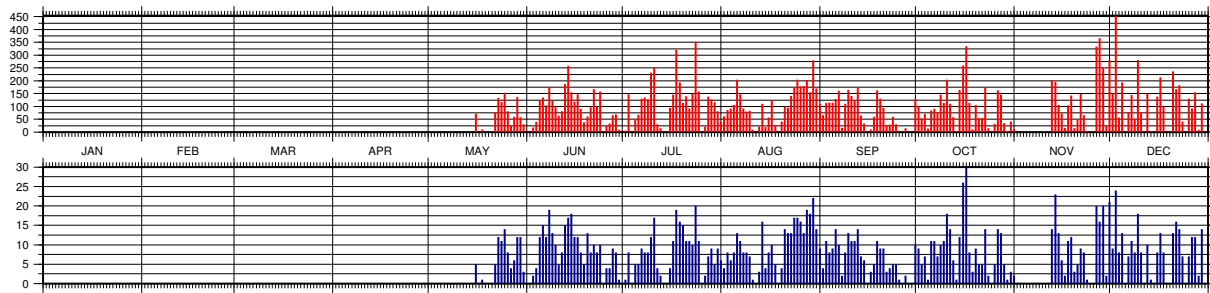


Figure 3.74: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.28.5 Statistics of Full-Rate (CRD) in 2012

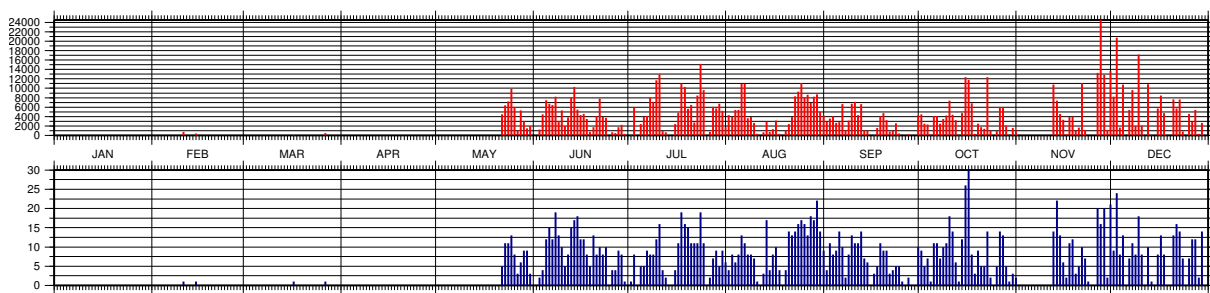


Figure 3.75: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.28.6 Statistics of Normal Points (CSTG) in 2012

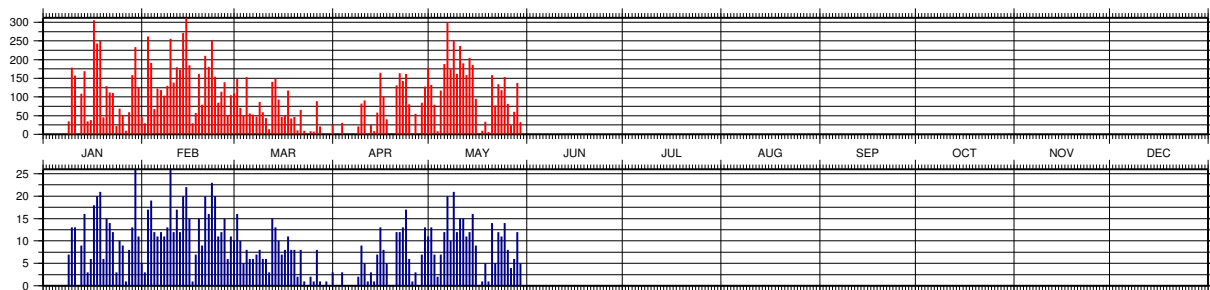


Figure 3.76: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.28.7 Statistics of Full-Rate (MERIT-II) in 2012

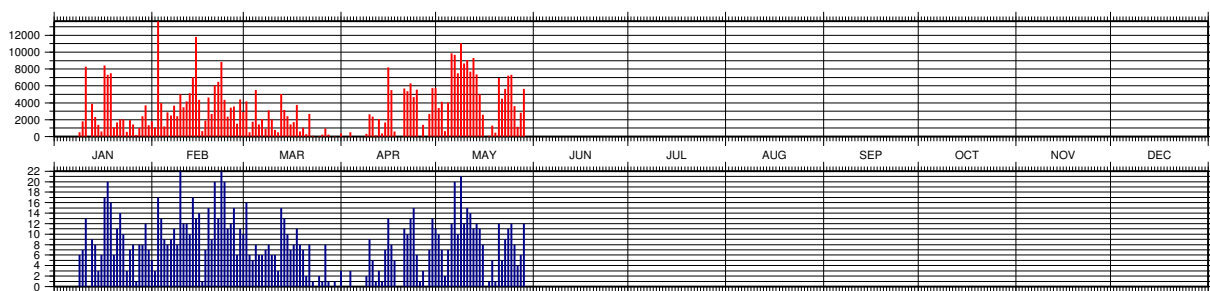


Figure 3.77: Number of Full-Rate Data (MERIT-II) (red) and files/passes (blue) for every day in 2012

3.28.8 Satellites Tracked by San Fernando, Spain in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	4070 ¹ / 331 ²	347609 / 327	4164 / 315	236259 / 310
Beacon-C (6503201)	3730 / 226	184922 / 226	2527 / 182	76983 / 180
Blits (0904907)	9 / 4	137 / 4	6 / 3	28 / 2
Cryosat-2 (1001301)	1370 / 116	38493 / 114	717 / 63	10091 / 42
Envisat (0200901)	276 / 25	9674 / 23	635 / 68	10960 / 46
Glonass-102 (0606201)	0 / 0	0 / 0	7 / 2	34 / 2
Glonass-110 (0804601)	2 / 1	27 / 1	0 / 0	0 / 0
Glonass-115 (0806702)	3 / 2	53 / 2	1 / 1	20 / 1
Glonass-130 (1107101)	6 / 2	162 / 2	0 / 0	0 / 0
Goce (0901301)	33 / 6	509 / 6	192 / 18	1068 / 12
Grace-A (0201201)	770 / 55	12773 / 54	306 / 29	2239 / 20
Grace-B (0201202)	506 / 43	8407 / 42	160 / 19	1057 / 13
HY-2A (1104301)	561 / 59	29994 / 59	381 / 45	10615 / 42
Jason-1 (0105501)	2323 / 149	46841 / 147	692 / 51	11165 / 44
Jason-2 (0803201)	2751 / 165	61460 / 164	1670 / 105	27003 / 95
Lageos-1 (7603901)	100 / 23	3874 / 23	203 / 51	6834 / 43
Lageos-2 (9207002)	264 / 61	12853 / 59	115 / 27	2760 / 23
Lares (1200601)	499 / 86	13924 / 86	144 / 23	4062 / 22
Larets (0304206)	200 / 43	11133 / 43	126 / 34	3031 / 27
Starlette (7501001)	1553 / 209	70684 / 207	769 / 121	21523 / 105
Stella (9306102)	718 / 104	38394 / 105	433 / 67	16421 / 65
TanDEM-X (1003001)	791 / 49	15177 / 50	410 / 32	4864 / 29
TerraSAR-X (0702601)	701 / 37	12967 / 37	264 / 21	3689 / 20
ZY-3 (1200101)	34 / 5	760 / 5	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.29 San Juan, Argentina (7406)

3.29.1 Common Information

Site:	San Juan, Argentina
Code:	SJUL
Station ID:	7406
Datacenter:	EDC
SOD (DOMES):	74068801 (—)

3.29.2 Status of Station in 2012

SOD	Period	Status
74068801	2012-01-01 - 2012-12-31	Validated

3.29.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	3752 ¹ / 318 ²	0 / 0	3752 / 318	0 / 0
February	3007 / 290	4515 / 28	3949 / 402	0 / 0
March	5198 / 517	76051 / 516	5840 / 573	0 / 0
April	4443 / 487	57845 / 487	4557 / 499	0 / 0
May	7007 / 658	126950 / 658	7382 / 691	0 / 0
June	10043 / 794	183576 / 807	10289 / 811	0 / 0
July	8145 / 663	119303 / 661	8541 / 698	0 / 0
August	6733 / 580	82828 / 575	6755 / 586	0 / 0
September	4980 / 408	54116 / 410	5017 / 411	0 / 0
October	2913 / 330	12715 / 326	2930 / 334	0 / 0
November	3133 / 342	35152 / 329	3013 / 331	0 / 0
December	4527 / 478	41362 / 480	4364 / 459	0 / 0
Year	63881 / 5865	794413 / 5277	66389 / 6113	0 / 0

¹ Number of observations; ² Number of files/passes

3.29.4 Statistics of Normal Points (CRD) in 2012

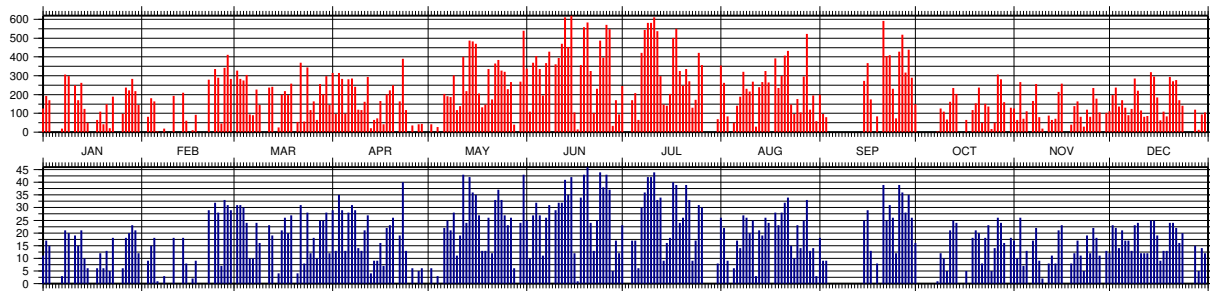


Figure 3.78: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.29.5 Statistics of Full-Rate (CRD) in 2012

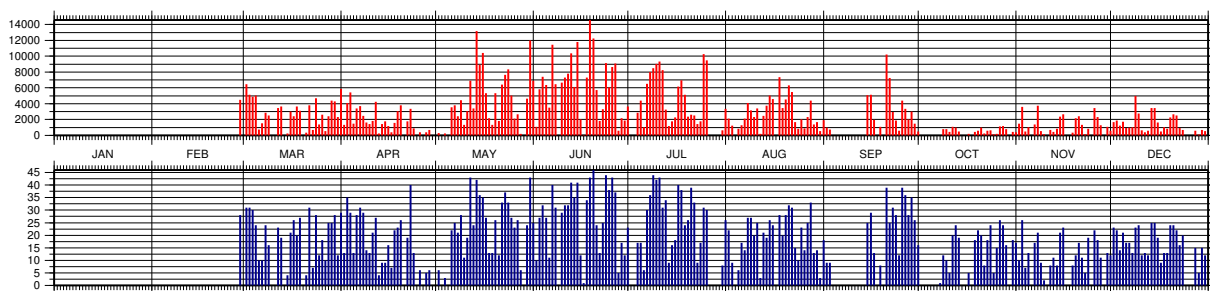


Figure 3.79: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.29.6 Statistics of Normal Points (CSTG) in 2012

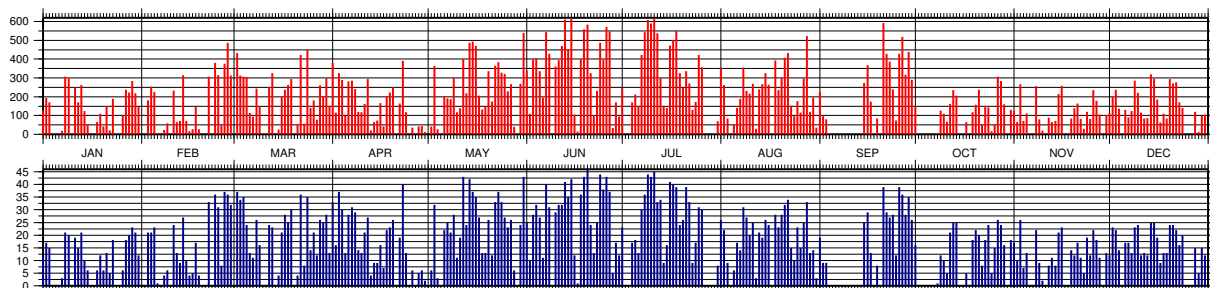


Figure 3.80: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.29.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.29.8 Satellites Tracked by San Juan, Argentina in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	6717 ¹ / 528 ²	85246 / 470	6814 / 537	0 / 0
Beacon-C (6503201)	606 / 35	0 / 0	649 / 39	0 / 0
Blits (0904907)	468 / 67	2393 / 46	489 / 70	0 / 0
Compass-G1 (1000101)	0 / 0	0 / 0	22 / 3	0 / 0
Compass-M1 (0701101)	293 / 53	5437 / 45	312 / 56	0 / 0
Compass-M3 (1201801)	216 / 43	4625 / 42	230 / 45	0 / 0
Envisat (0200901)	1244 / 104	10164 / 72	1357 / 113	0 / 0
Etalon 2 (8903903)	630 / 128	4221 / 106	658 / 134	0 / 0
Etalon-1 (8900103)	633 / 129	5175 / 104	657 / 134	0 / 0
GPS-35 (9305401)	236 / 45	934 / 41	231 / 44	0 / 0
GPS-36 (9401601)	350 / 64	1357 / 47	351 / 64	0 / 0
Galileo-101 (1106001)	370 / 71	9431 / 67	403 / 77	0 / 0
Galileo-102 (1106002)	517 / 104	9858 / 97	547 / 110	0 / 0
Giove-A (0505101)	119 / 23	866 / 19	102 / 21	0 / 0
Giove-B (0802001)	190 / 36	1437 / 33	196 / 37	0 / 0
Glonass-102 (0606201)	622 / 123	11399 / 120	655 / 129	0 / 0
Glonass-109 (0706503)	733 / 145	11655 / 138	794 / 154	0 / 0
Glonass-110 (0804601)	624 / 124	7023 / 119	702 / 138	0 / 0
Glonass-115 (0806702)	613 / 119	12808 / 102	695 / 133	0 / 0
Glonass-118 (0907003)	568 / 114	7662 / 110	636 / 126	0 / 0
Glonass-125 (1100901)	29 / 5	136 / 2	54 / 9	0 / 0
Glonass-129 (1106402)	174 / 36	2071 / 37	166 / 35	0 / 0
Glonass-130 (1107101)	750 / 148	15356 / 143	763 / 151	0 / 0
Goce (0901301)	982 / 56	4162 / 56	1028 / 59	0 / 0
Grace-A (0201201)	2500 / 138	10680 / 126	2593 / 141	0 / 0
Grace-B (0201202)	2324 / 132	8478 / 120	2356 / 134	0 / 0
HY-2A (1104301)	2559 / 272	44720 / 261	2687 / 285	0 / 0
Jason-1 (0105501)	6122 / 317	46848 / 270	6255 / 327	0 / 0
Jason-2 (0803201)	6609 / 350	52997 / 297	6935 / 367	0 / 0
Lageos-1 (7603901)	5009 / 548	121436 / 519	5162 / 567	0 / 0
Lageos-2 (9207002)	3525 / 380	83129 / 368	3630 / 391	0 / 0
Lares (1200601)	3055 / 258	46294 / 248	3214 / 268	0 / 0
Larets (0304206)	644 / 87	14073 / 86	652 / 89	0 / 0
Starlette (7501001)	4872 / 462	79898 / 399	5075 / 485	0 / 0
Stella (9306102)	2710 / 292	44624 / 245	2770 / 298	0 / 0
TanDEM-X (1003001)	2998 / 158	13530 / 155	3098 / 164	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
TerraSAR-X (0702601)	3187 ¹ / 164 ²	13632 / 161	3368 / 172	0 / 0
ZY-3 (1200101)	83 / 7	658 / 6	83 / 7	0 / 0

¹ Number of observations; ² Number of files/passes

3.30 Shanghai, China (7821)

3.30.1 Common Information

Site:	Shanghai, China
Code:	SHA2
Station ID:	7821
Datacenter:	EDC
SOD (DOMES):	78212801 (21605S010)

3.30.2 Status of Station in 2012

SOD	Period	Status
78212801	2012-01-01 - 2012-12-31	Validated

3.30.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	613 ¹ / 82 ²	0 / 0	709 / 100	0 / 0
February	788 / 93	0 / 0	788 / 93	0 / 0
March	594 / 104	56806 / 6	593 / 103	0 / 0
April	671 / 92	68538 / 6	679 / 93	0 / 0
May	1166 / 161	367253 / 19	1202 / 167	0 / 0
June	131 / 27	7812 / 1	131 / 27	0 / 0
July	1649 / 290	1237699 / 38	83 / 13	0 / 0
August	1415 / 244	191113 / 17	0 / 0	0 / 0
September	1057 / 177	146356 / 8	0 / 0	0 / 0
October	922 / 188	101323 / 11	0 / 0	0 / 0
November	872 / 144	6122 / 2	0 / 0	0 / 0
December	565 / 77	6207 / 1	0 / 0	0 / 0
Year	10443 / 1679	2189229 / 109	4185 / 596	0 / 0

¹ Number of observations; ² Number of files/passes

3.30.4 Statistics of Normal Points (CRD) in 2012

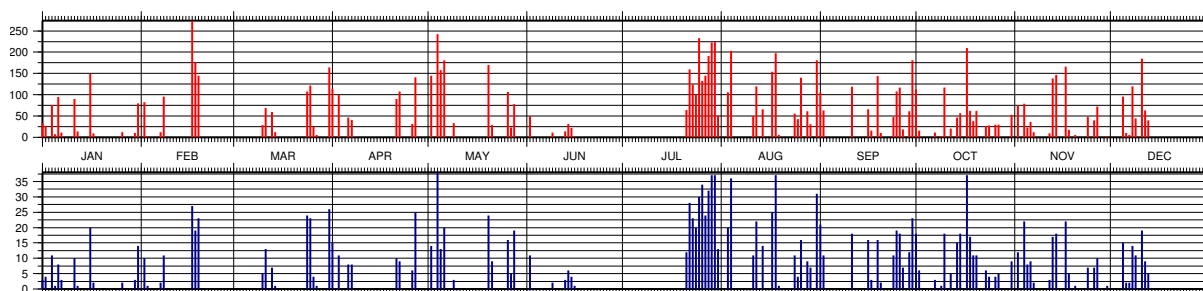


Figure 3.81: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.30.5 Statistics of Full-Rate (CRD) in 2012

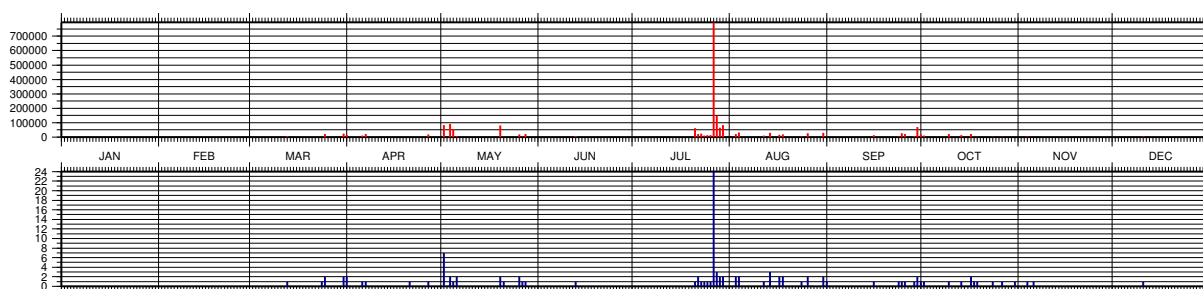


Figure 3.82: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.30.6 Statistics of Normal Points (CSTG) in 2012

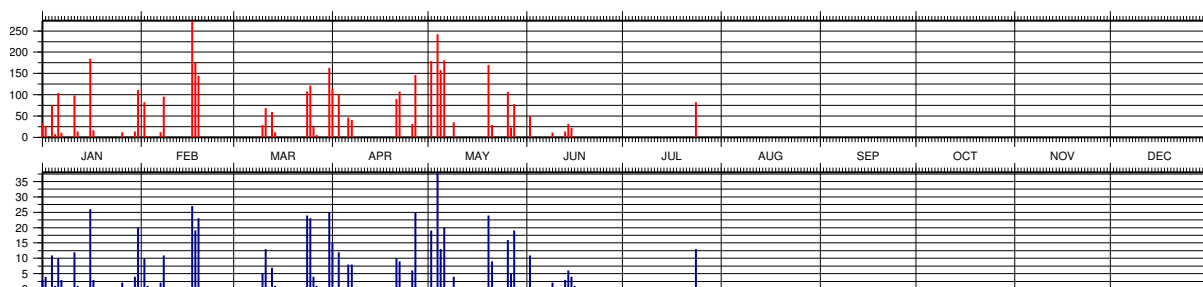


Figure 3.83: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.30.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.30.8 Satellites Tracked by Shanghai, China in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1426 ¹ / 186 ²	412907 / 5	495 / 65	0 / 0
Beacon-C (6503201)	1605 / 143	55421 / 2	703 / 52	0 / 0
Blits (0904907)	154 / 41	0 / 0	56 / 15	0 / 0
Compass-G1 (1000101)	74 / 11	9292 / 4	8 / 1	0 / 0
Compass-I3 (1101301)	73 / 15	4988 / 2	33 / 6	0 / 0
Compass-I4 (1103801)	7 / 2	0 / 0	0 / 0	0 / 0
Compass-I5 (1107301)	39 / 8	3058 / 1	0 / 0	0 / 0
Compass-M1 (0701101)	58 / 12	0 / 0	58 / 12	0 / 0
Compass-M3 (1201801)	15 / 6	0 / 0	4 / 1	0 / 0
Cryosat-2 (1001301)	229 / 29	0 / 0	63 / 8	0 / 0
Envisat (0200901)	133 / 20	999 / 1	122 / 16	0 / 0
Etalon 2 (8903903)	65 / 16	0 / 0	32 / 7	0 / 0
Etalon-1 (8900103)	59 / 18	0 / 0	4 / 1	0 / 0
Galileo-101 (1106001)	20 / 6	0 / 0	4 / 2	0 / 0
Galileo-102 (1106002)	14 / 4	0 / 0	0 / 0	0 / 0
Giove-B (0802001)	1 / 1	0 / 0	0 / 0	0 / 0
Glonass-101 (0606203)	72 / 17	0 / 0	16 / 4	0 / 0
Glonass-102 (0606201)	95 / 22	0 / 0	38 / 8	0 / 0
Glonass-103 (0606202)	60 / 17	0 / 0	11 / 3	0 / 0
Glonass-105 (0705202)	58 / 19	0 / 0	24 / 7	0 / 0
Glonass-106 (0705201)	63 / 16	0 / 0	24 / 5	0 / 0
Glonass-107 (0706501)	71 / 18	0 / 0	32 / 8	0 / 0
Glonass-109 (0706503)	68 / 21	1599 / 1	15 / 6	0 / 0
Glonass-110 (0804601)	69 / 19	0 / 0	34 / 8	0 / 0
Glonass-111 (0804602)	39 / 12	0 / 0	8 / 3	0 / 0
Glonass-114 (0806703)	74 / 20	0 / 0	25 / 7	0 / 0
Glonass-115 (0806702)	66 / 20	5648 / 2	18 / 6	0 / 0
Glonass-116 (0907001)	89 / 21	907 / 1	26 / 6	0 / 0
Glonass-117 (0907002)	34 / 11	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	69 / 20	0 / 0	14 / 4	0 / 0
Glonass-119 (1000701)	58 / 17	0 / 0	34 / 9	0 / 0
Glonass-120 (1000703)	39 / 12	272 / 1	19 / 6	0 / 0
Glonass-121 (1000702)	81 / 20	1663 / 1	32 / 8	0 / 0
Glonass-122 (1004103)	80 / 21	0 / 0	19 / 5	0 / 0
Glonass-123 (1004102)	76 / 21	2700 / 1	24 / 7	0 / 0
Glonass-124 (1004101)	70 / 21	0 / 0	25 / 6	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-125 (1100901)	4 ¹ / 1 ²	0 / 0	4 / 1	0 / 0
Glonass-126 (1105501)	101 / 30	0 / 0	20 / 5	0 / 0
Glonass-127 (1106403)	8 / 3	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	77 / 24	0 / 0	23 / 6	0 / 0
Glonass-129 (1106402)	82 / 24	0 / 0	11 / 3	0 / 0
Glonass-130 (1107101)	63 / 20	0 / 0	31 / 10	0 / 0
Goce (0901301)	2 / 1	0 / 0	2 / 1	0 / 0
Grace-A (0201201)	502 / 39	0 / 0	228 / 17	0 / 0
Grace-B (0201202)	323 / 40	0 / 0	136 / 16	0 / 0
HY-2A (1104301)	113 / 21	0 / 0	36 / 5	0 / 0
Jason-1 (0105501)	531 / 53	0 / 0	202 / 14	0 / 0
Jason-2 (0803201)	693 / 64	20830 / 1	284 / 24	0 / 0
Lageos-1 (7603901)	210 / 48	2706 / 1	158 / 34	0 / 0
Lageos-2 (9207002)	355 / 78	26725 / 1	116 / 22	0 / 0
Lares (1200601)	492 / 76	1277828 / 74	212 / 29	0 / 0
Larets (0304206)	147 / 33	0 / 0	70 / 13	0 / 0
QSZ-1 (1004501)	74 / 16	2556 / 1	12 / 2	0 / 0
Starlette (7501001)	649 / 120	232398 / 2	288 / 48	0 / 0
Stella (9306102)	475 / 81	72466 / 3	227 / 36	0 / 0
TanDEM-X (1003001)	83 / 8	0 / 0	45 / 4	0 / 0
TerraSAR-X (0702601)	106 / 8	0 / 0	53 / 3	0 / 0
ZY-3 (1200101)	50 / 8	54266 / 4	7 / 1	0 / 0

¹ Number of observations; ² Number of files/passes

3.31 Simeiz, Ukraine (1873)

3.31.1 Common Information

Site:	Simeiz, Ukraine
Code:	SIML
Station ID:	1873
Datacenter:	EDC
SOD (DOMES):	18734901 (12337S003)

3.31.2 Status of Station in 2012

SOD	Period	Status
18734901	2012-01-01 - 2012-12-31	Validated

3.31.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	70 ¹ / 8 ²	639 / 9	79 / 9	0 / 0
February	193 / 22	1239 / 23	198 / 23	0 / 0
March	606 / 78	6059 / 78	606 / 78	0 / 0
April	868 / 77	9399 / 77	854 / 76	0 / 0
May	922 / 90	10941 / 90	907 / 89	0 / 0
June	1946 / 202	23021 / 203	1951 / 203	0 / 0
July	2208 / 194	15682 / 194	2202 / 194	0 / 0
August	3164 / 296	42281 / 294	3173 / 296	0 / 0
September	1775 / 161	23737 / 161	1385 / 121	0 / 0
October	908 / 91	8929 / 91	22 / 2	0 / 0
November	878 / 66	9940 / 66	0 / 0	0 / 0
December	558 / 48	5574 / 48	0 / 0	0 / 0
Year	14096 / 1333	157441 / 1334	11377 / 1091	0 / 0

¹ Number of observations; ² Number of files/passes

3.31.4 Statistics of Normal Points (CRD) in 2012

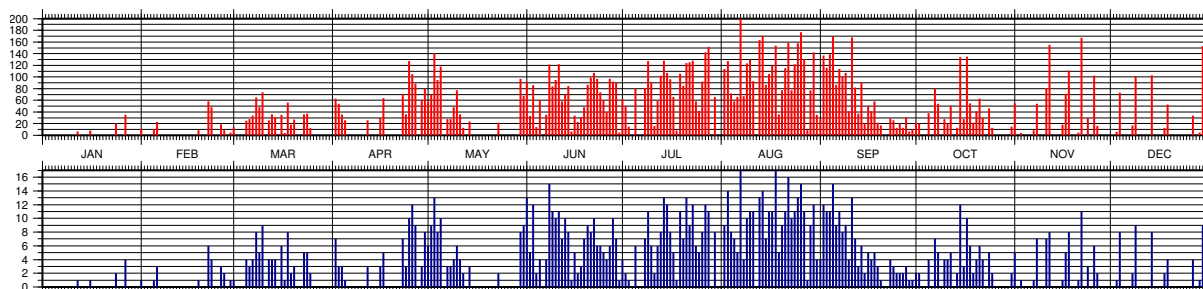


Figure 3.84: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.31.5 Statistics of Full-Rate (CRD) in 2012

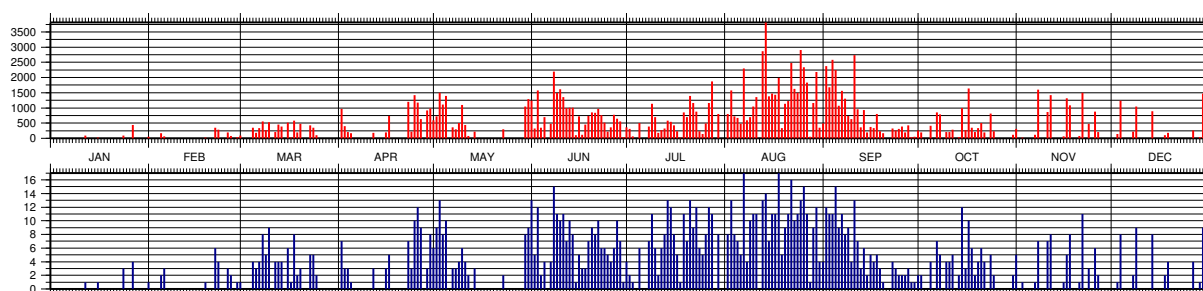


Figure 3.85: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.31.6 Statistics of Normal Points (CSTG) in 2012

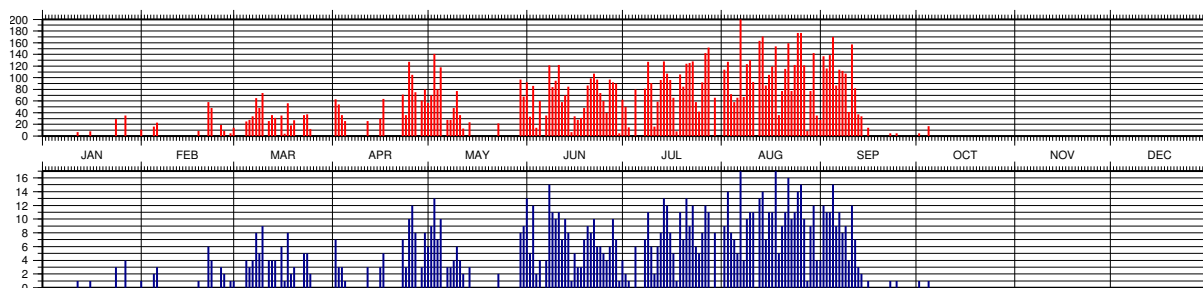


Figure 3.86: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.31.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.31.8 Satellites Tracked by Simeiz, Ukraine in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1541 ¹ / 162 ²	28242 / 162	1319 / 139	0 / 0
Beacon-C (6503201)	1141 / 80	10760 / 80	901 / 63	0 / 0
Blits (0904907)	102 / 18	734 / 18	102 / 18	0 / 0
Compass-I5 (1107301)	21 / 2	52 / 2	26 / 1	0 / 0
Cryosat-2 (1001301)	680 / 64	4101 / 64	524 / 54	0 / 0
Envisat (0200901)	151 / 21	770 / 21	151 / 21	0 / 0
Etalon 2 (8903903)	7 / 1	74 / 1	7 / 1	0 / 0
Etalon-1 (8900103)	8 / 1	77 / 1	8 / 1	0 / 0
Galileo-101 (1106001)	6 / 1	199 / 1	6 / 1	0 / 0
Galileo-102 (1106002)	23 / 3	404 / 3	23 / 3	0 / 0
Glonass-101 (0606203)	7 / 1	27 / 1	7 / 1	0 / 0
Glonass-102 (0606201)	4 / 1	33 / 1	4 / 1	0 / 0
Glonass-103 (0606202)	15 / 2	207 / 2	0 / 0	0 / 0
Glonass-105 (0705202)	26 / 4	305 / 4	19 / 3	0 / 0
Glonass-106 (0705201)	26 / 4	244 / 4	26 / 4	0 / 0
Glonass-107 (0706501)	15 / 3	278 / 3	5 / 1	0 / 0
Glonass-109 (0706503)	7 / 1	129 / 1	0 / 0	0 / 0
Glonass-110 (0804601)	33 / 5	316 / 5	27 / 4	0 / 0
Glonass-111 (0804602)	5 / 1	66 / 1	5 / 1	0 / 0
Glonass-114 (0806703)	16 / 3	267 / 3	16 / 3	0 / 0
Glonass-115 (0806702)	29 / 5	727 / 5	29 / 5	0 / 0
Glonass-116 (0907001)	23 / 4	354 / 4	18 / 3	0 / 0
Glonass-117 (0907002)	19 / 3	336 / 3	19 / 3	0 / 0
Glonass-118 (0907003)	14 / 3	242 / 3	14 / 3	0 / 0
Glonass-119 (1000701)	17 / 3	69 / 3	17 / 3	0 / 0
Glonass-120 (1000703)	8 / 1	81 / 1	8 / 1	0 / 0
Glonass-121 (1000702)	29 / 5	216 / 5	29 / 5	0 / 0
Glonass-122 (1004103)	13 / 2	274 / 2	6 / 1	0 / 0
Glonass-123 (1004102)	10 / 2	153 / 2	0 / 0	0 / 0
Glonass-124 (1004101)	36 / 6	1099 / 6	15 / 3	0 / 0
Glonass-126 (1105501)	29 / 5	664 / 5	22 / 4	0 / 0
Glonass-128 (1106401)	4 / 1	211 / 1	4 / 1	0 / 0
Glonass-129 (1106402)	19 / 3	348 / 3	11 / 2	0 / 0
Glonass-130 (1107101)	19 / 4	530 / 4	14 / 3	0 / 0
Grace-A (0201201)	78 / 6	258 / 6	47 / 4	0 / 0
Grace-B (0201202)	263 / 12	892 / 12	248 / 11	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
HY-2A (1104301)	363 ¹ / 14 ²	962 / 14	0 / 0	0 / 0
Jason-1 (0105501)	2049 / 121	12452 / 120	1738 / 102	0 / 0
Jason-2 (0803201)	2446 / 155	14625 / 155	2128 / 136	0 / 0
Lageos-1 (7603901)	625 / 86	12243 / 86	506 / 69	0 / 0
Lageos-2 (9207002)	1115 / 158	19247 / 160	861 / 125	0 / 0
Lares (1200601)	1317 / 138	15033 / 138	1018 / 102	0 / 0
Larets (0304206)	128 / 20	1789 / 20	11 / 2	0 / 0
Starlette (7501001)	960 / 114	19791 / 114	878 / 103	0 / 0
Stella (9306102)	497 / 72	7016 / 72	497 / 72	0 / 0
TanDEM-X (1003001)	62 / 3	152 / 3	0 / 0	0 / 0
TerraSAR-X (0702601)	21 / 1	85 / 1	0 / 0	0 / 0
ZY-3 (1200101)	69 / 8	307 / 8	63 / 8	0 / 0

¹ Number of observations; ² Number of files/passes

3.32 Simosato, Japan (7838)

3.32.1 Common Information

Site:	Simosato, Japan
Code:	SISL
Station ID:	7838
Datacenter:	CDDIS
SOD (DOMES):	78383603 (21726S001)

3.32.2 Status of Station in 2012

SOD	Period	Status
78383603	2012-01-01 - 2012-12-31	Validated

3.32.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	5048 ¹ / 241 ²	0 / 0	5048 / 241	0 / 0
February	2305 / 126	0 / 0	2305 / 126	0 / 0
March	1523 / 85	0 / 0	1523 / 85	0 / 0
April	1696 / 106	0 / 0	1696 / 106	0 / 0
May	1425 / 86	1592 / 4	622 / 36	0 / 0
June	311 / 25	0 / 0	0 / 0	0 / 0
July	1307 / 78	1024 / 4	0 / 0	0 / 0
August	2249 / 138	1984 / 9	0 / 0	0 / 0
September	2122 / 138	1135 / 7	0 / 0	0 / 0
October	3852 / 236	2319 / 7	0 / 0	0 / 0
November	4908 / 263	6195 / 17	0 / 0	0 / 0
December	4408 / 239	4649 / 81	0 / 0	0 / 0
Year	31154 / 1761	18898 / 129	11194 / 594	0 / 0

¹ Number of observations; ² Number of files/passes

3.32.4 Statistics of Normal Points (CRD) in 2012

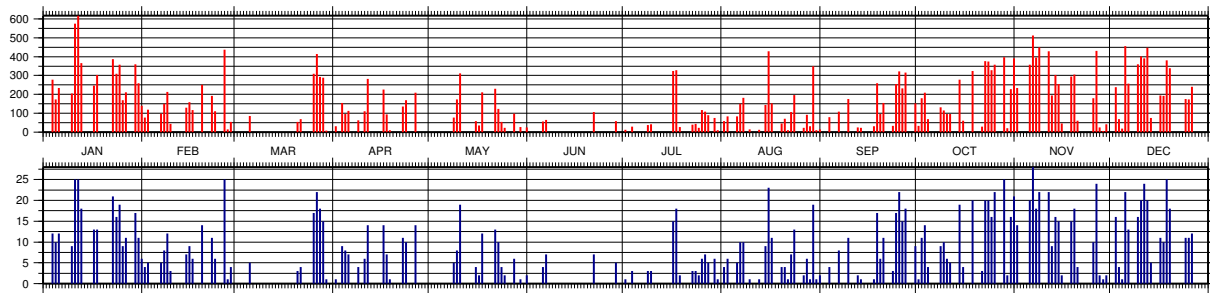


Figure 3.87: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.32.5 Statistics of Full-Rate (CRD) in 2012

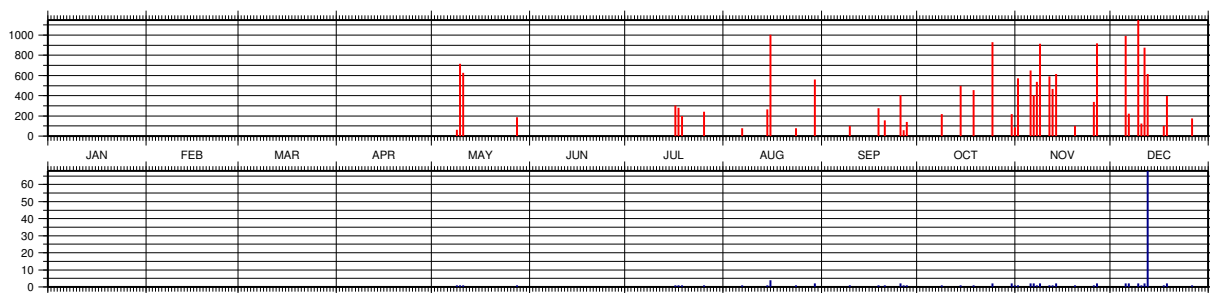


Figure 3.88: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.32.6 Statistics of Normal Points (CSTG) in 2012

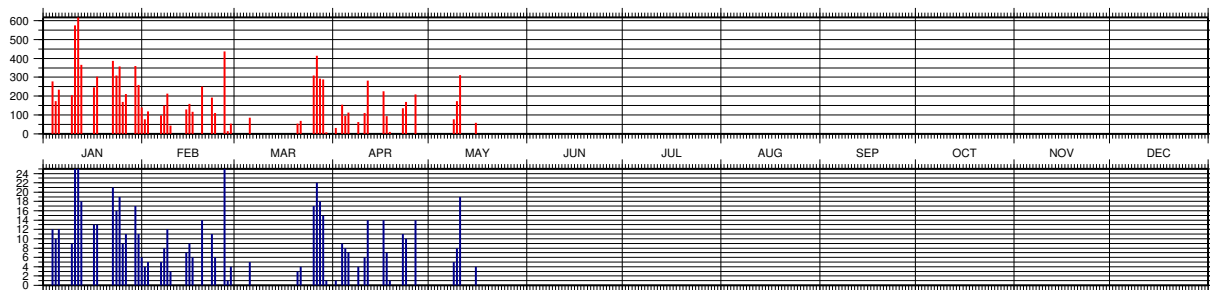


Figure 3.89: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.32.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.32.8 Satellites Tracked by Simosato, Japan in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	6407 ¹ / 318 ²	0 / 0	2091 / 100	0 / 0
Beacon-C (6503201)	3173 / 118	0 / 0	1054 / 38	0 / 0
Blits (0904907)	54 / 6	0 / 0	0 / 0	0 / 0
Compass-M3 (1201801)	37 / 5	0 / 0	0 / 0	0 / 0
Envisat (0200901)	540 / 32	0 / 0	529 / 31	0 / 0
Etalon 2 (8903903)	85 / 11	0 / 0	72 / 9	0 / 0
Etalon-1 (8900103)	111 / 15	0 / 0	26 / 3	0 / 0
GPS-36 (9401601)	13 / 2	0 / 0	6 / 1	0 / 0
Glonass-102 (0606201)	114 / 16	0 / 0	36 / 5	0 / 0
Glonass-109 (0706503)	88 / 12	0 / 0	31 / 4	0 / 0
Glonass-110 (0804601)	91 / 12	0 / 0	47 / 6	0 / 0
Glonass-115 (0806702)	114 / 14	0 / 0	87 / 10	0 / 0
Glonass-118 (0907003)	106 / 15	0 / 0	24 / 3	0 / 0
Glonass-125 (1100901)	7 / 1	0 / 0	7 / 1	0 / 0
Glonass-127 (1106403)	14 / 2	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	68 / 10	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	101 / 14	0 / 0	8 / 1	0 / 0
Grace-A (0201201)	434 / 16	0 / 0	173 / 5	0 / 0
Grace-B (0201202)	498 / 20	0 / 0	172 / 6	0 / 0
HY-2A (1104301)	398 / 34	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	2058 / 82	0 / 0	750 / 29	0 / 0
Jason-2 (0803201)	2661 / 97	18898 / 129	1074 / 37	0 / 0
Lageos-1 (7603901)	4383 / 268	0 / 0	1737 / 102	0 / 0
Lageos-2 (9207002)	3880 / 207	0 / 0	1462 / 72	0 / 0
Lares (1200601)	1281 / 88	0 / 0	266 / 15	0 / 0
Larets (0304206)	449 / 44	0 / 0	124 / 12	0 / 0
Starlette (7501001)	2937 / 203	0 / 0	1026 / 68	0 / 0
Stella (9306102)	1052 / 99	0 / 0	392 / 36	0 / 0

¹ Number of observations; ² Number of files/passes

3.33 Svetloe, Russia (1888)

3.33.1 Common Information

Site:	Svetloe, Russia
Code:	SVEL
Station ID:	1888
Datacenter:	EDC
SOD (DOMES):	18889801 (12350S002)

3.33.2 Status of Station in 2012

SOD	Period	Status
18889801	2012-01-01 - 2012-12-17	Quarantine (released)
18889801	2012-12-17 - 2012-12-31	Validated

3.33.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0
February	495 / 82	0 / 0	0 / 0	0 / 0
March	374 / 58	0 / 0	3 / 1	0 / 0
April	769 / 82	0 / 0	0 / 0	0 / 0
May	1447 / 216	0 / 0	0 / 0	0 / 0
June	31 / 8	0 / 0	0 / 0	0 / 0
July	116 / 19	0 / 0	0 / 0	0 / 0
August	327 / 48	0 / 0	0 / 0	0 / 0
September	67 / 7	0 / 0	0 / 0	0 / 0
October	45 / 7	0 / 0	0 / 0	0 / 0
November	5 / 1	0 / 0	0 / 0	0 / 0
December	0 / 0	0 / 0	0 / 0	0 / 0
Year	3676 / 528	0 / 0	3 / 1	0 / 0

¹ Number of observations; ² Number of files/passes

3.33.4 Statistics of Normal Points (CRD) in 2012

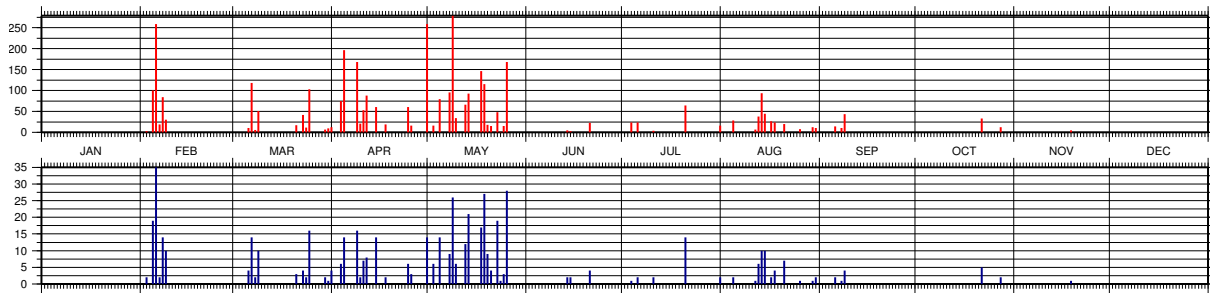


Figure 3.90: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.33.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.33.6 Statistics of Normal Points (CSTG) in 2012

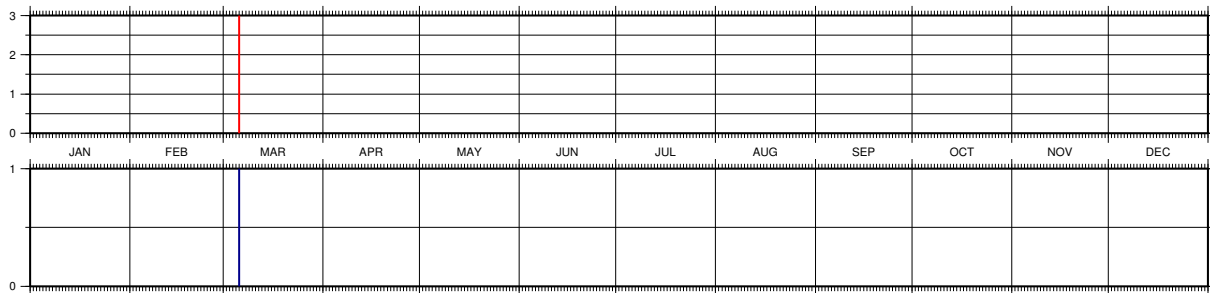


Figure 3.91: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.33.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.33.8 Satellites Tracked by Svetloe, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	420 ¹ / 55 ²	0 / 0	0 / 0	0 / 0
Blits (0904907)	11 / 5	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	7 / 2	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	7 / 1	0 / 0	0 / 0	0 / 0
Envisat (0200901)	172 / 18	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	14 / 9	0 / 0	0 / 0	0 / 0
Galileo-102 (1106002)	35 / 10	0 / 0	0 / 0	0 / 0
Glonass-101 (0606203)	12 / 4	0 / 0	0 / 0	0 / 0
Glonass-107 (0706501)	4 / 2	0 / 0	0 / 0	0 / 0
Glonass-110 (0804601)	11 / 5	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	9 / 6	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	7 / 3	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	6 / 1	0 / 0	0 / 0	0 / 0
Grace-A (0201201)	121 / 12	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	136 / 14	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	11 / 3	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	286 / 30	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	752 / 49	0 / 0	0 / 0	0 / 0
Lageos-1 (7603901)	616 / 137	0 / 0	3 / 1	0 / 0
Lageos-2 (9207002)	185 / 41	0 / 0	0 / 0	0 / 0
Lares (1200601)	572 / 73	0 / 0	0 / 0	0 / 0
Larets (0304206)	68 / 12	0 / 0	0 / 0	0 / 0
Starlette (7501001)	20 / 4	0 / 0	0 / 0	0 / 0
Stella (9306102)	155 / 30	0 / 0	0 / 0	0 / 0
TanDEM-X (1003001)	39 / 2	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.34 Tahiti, French Polynesia (7124)

3.34.1 Common Information

Site:	Tahiti, French Polynesia
Code:	THTL
Station ID:	7124
Datacenter:	CDDIS
SOD (DOMES):	71240802 (92201M007)

3.34.2 Status of Station in 2012

SOD	Period	Status
71240802	2012-01-01 - 2012-05-14	Validated
71240802	2012-05-14 - 2012-06-15	Quarantine (released)
71240802	2012-06-15 - 2012-12-31	Validated

3.34.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	983 / 61	0 / 0
February	0 / 0	0 / 0	743 / 52	0 / 0
March	0 / 0	0 / 0	1192 / 85	0 / 0
April	0 / 0	0 / 0	915 / 67	0 / 0
May	1141 / 80	8335 / 11	647 / 40	0 / 0
June	1187 / 126	5467 / 8	0 / 0	0 / 0
July	1793 / 173	7007 / 9	0 / 0	0 / 0
August	629 / 49	3010 / 5	0 / 0	0 / 0
September	883 / 64	4953 / 8	0 / 0	0 / 0
October	819 / 61	3876 / 6	0 / 0	0 / 0
November	1093 / 115	2486 / 2	0 / 0	0 / 0
December	0 / 0	0 / 0	0 / 0	0 / 0
Year	7545 / 668	35134 / 49	4480 / 305	0 / 0

¹ Number of observations; ² Number of files/passes

3.34.4 Statistics of Normal Points (CRD) in 2012

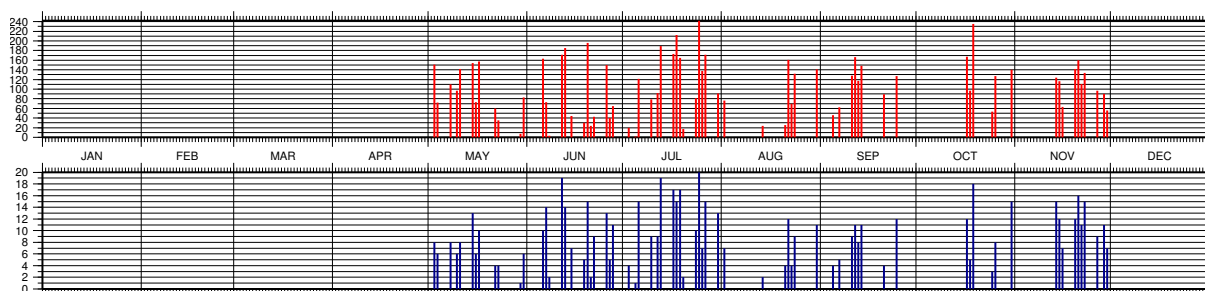


Figure 3.92: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.34.5 Statistics of Full-Rate (CRD) in 2012

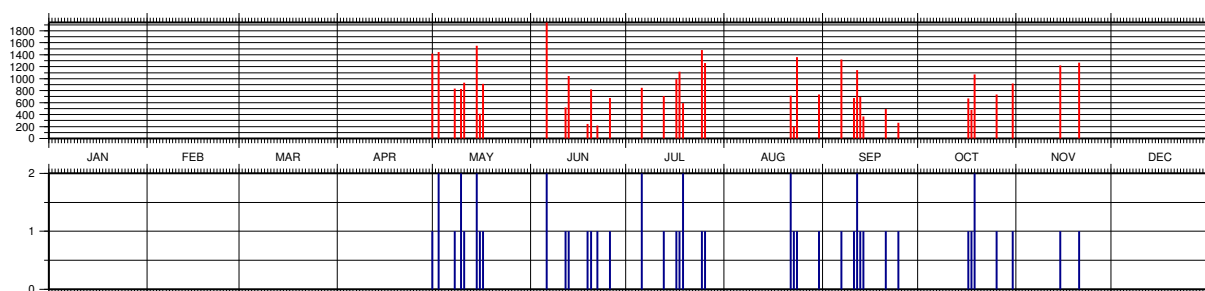


Figure 3.93: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.34.6 Statistics of Normal Points (CSTG) in 2012

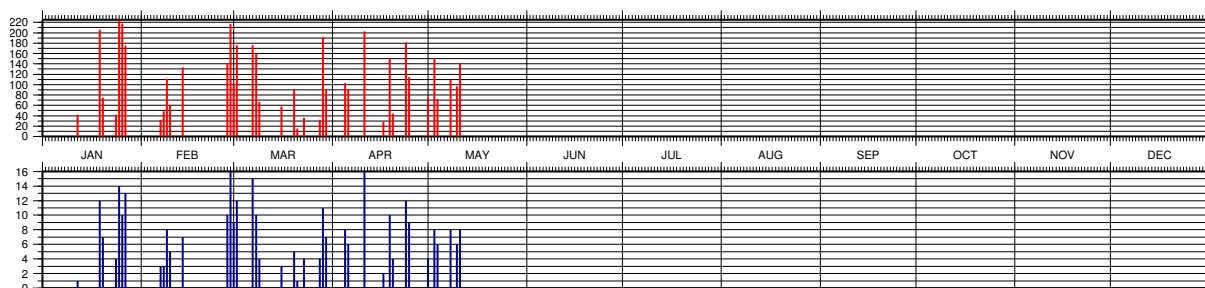


Figure 3.94: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.34.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.34.8 Satellites Tracked by Tahiti, French Polynesia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1030 ¹ / 57 ²	0 / 0	488 / 28	0 / 0
Beacon-C (6503201)	170 / 17	0 / 0	183 / 14	0 / 0
Blits (0904907)	136 / 29	0 / 0	89 / 18	0 / 0
Compass-M1 (0701101)	52 / 15	0 / 0	0 / 0	0 / 0
Compass-M3 (1201801)	17 / 5	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	418 / 31	0 / 0	156 / 9	0 / 0
Envisat (0200901)	26 / 3	0 / 0	311 / 21	0 / 0
Etalon 2 (8903903)	107 / 24	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	136 / 34	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	29 / 8	0 / 0	0 / 0	0 / 0
Galileo-102 (1106002)	19 / 5	0 / 0	0 / 0	0 / 0
Galileo-103 (1205501)	15 / 3	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	9 / 3	0 / 0	0 / 0	0 / 0
Giove-B (0802001)	5 / 1	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	66 / 17	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	28 / 8	0 / 0	0 / 0	0 / 0
Glonass-110 (0804601)	20 / 7	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	36 / 9	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	39 / 11	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	8 / 2	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	111 / 29	0 / 0	0 / 0	0 / 0
Goce (0901301)	0 / 0	0 / 0	18 / 1	0 / 0
Grace-A (0201201)	247 / 10	0 / 0	86 / 4	0 / 0
Grace-B (0201202)	104 / 5	0 / 0	170 / 8	0 / 0
Jason-1 (0105501)	977 / 40	0 / 0	470 / 18	0 / 0
Jason-2 (0803201)	1264 / 48	35134 / 49	798 / 30	0 / 0
Lageos-1 (7603901)	615 / 67	0 / 0	405 / 42	0 / 0
Lageos-2 (9207002)	535 / 56	0 / 0	469 / 43	0 / 0
Lares (1200601)	325 / 23	0 / 0	176 / 11	0 / 0
Larets (0304206)	25 / 5	0 / 0	22 / 5	0 / 0
Starlette (7501001)	485 / 43	0 / 0	362 / 27	0 / 0
Stella (9306102)	435 / 49	0 / 0	277 / 26	0 / 0
TanDEM-X (1003001)	7 / 1	0 / 0	0 / 0	0 / 0
TerraSAR-X (0702601)	44 / 2	0 / 0	0 / 0	0 / 0
ZY-3 (1200101)	5 / 1	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.35 Tanegashima, Japan (7358)

3.35.1 Common Information

Site:	Tanegashima, Japan
Code:	GMSL
Station ID:	7358
Datacenter:	CDDIS
SOD (DOMES):	73588901 (21749S001)

3.35.2 Status of Station in 2012

SOD	Period	Status
73588901	2012-01-01 - 2012-08-16	Validated
73588901	2012-08-16 - 2012-12-31	Quarantine

3.35.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0
February	0 / 0	0 / 0	181 / 22	0 / 0
March	0 / 0	0 / 0	558 / 64	0 / 0
April	0 / 0	0 / 0	433 / 56	0 / 0
May	0 / 0	0 / 0	97 / 11	0 / 0
June	0 / 0	0 / 0	0 / 0	0 / 0
July	0 / 0	0 / 0	0 / 0	0 / 0
August	0 / 0	0 / 0	0 / 0	0 / 0
September	0 / 0	0 / 0	0 / 0	0 / 0
October	0 / 0	0 / 0	0 / 0	0 / 0
November	0 / 0	0 / 0	0 / 0	0 / 0
December	0 / 0	0 / 0	0 / 0	0 / 0
Year	0 / 0	0 / 0	1269 / 153	0 / 0

¹ Number of observations; ² Number of files/passes

3.35.4 Statistics of Normal Points (CRD) in 2012

No data available in 2012

3.35.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.35.6 Statistics of Normal Points (CSTG) in 2012

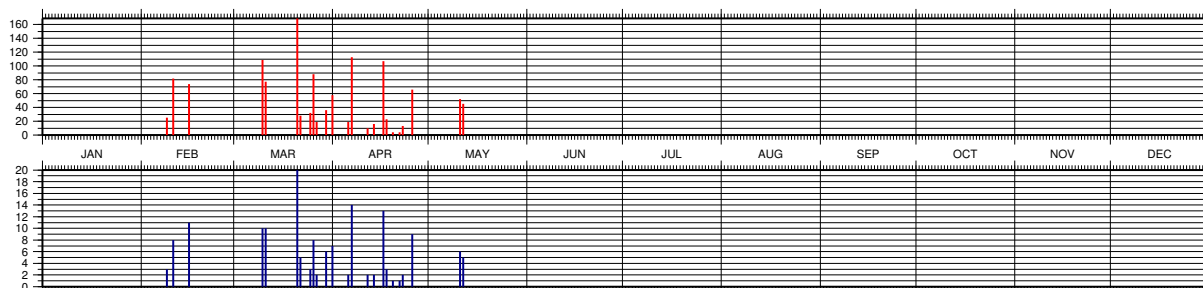


Figure 3.95: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.35.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.35.8 Satellites Tracked by Tanegashima, Japan in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	0 ¹ / 0 ²	0 / 0	210 / 23	0 / 0
Beacon-C (6503201)	0 / 0	0 / 0	228 / 19	0 / 0
Blits (0904907)	0 / 0	0 / 0	11 / 3	0 / 0
Cryosat-2 (1001301)	0 / 0	0 / 0	85 / 9	0 / 0
Envisat (0200901)	0 / 0	0 / 0	113 / 14	0 / 0
Etalon 2 (8903903)	0 / 0	0 / 0	13 / 3	0 / 0
Galileo-101 (1106001)	0 / 0	0 / 0	3 / 1	0 / 0
Glonass-102 (0606201)	0 / 0	0 / 0	3 / 1	0 / 0
Glonass-109 (0706503)	0 / 0	0 / 0	7 / 2	0 / 0
Goce (0901301)	0 / 0	0 / 0	13 / 1	0 / 0
Jason-1 (0105501)	0 / 0	0 / 0	23 / 3	0 / 0
Jason-2 (0803201)	0 / 0	0 / 0	148 / 12	0 / 0
Lageos-1 (7603901)	0 / 0	0 / 0	26 / 6	0 / 0
Lageos-2 (9207002)	0 / 0	0 / 0	17 / 3	0 / 0
Lares (1200601)	0 / 0	0 / 0	51 / 6	0 / 0
Larets (0304206)	0 / 0	0 / 0	56 / 11	0 / 0
QSZ-1 (1004501)	0 / 0	0 / 0	29 / 6	0 / 0
Starlette (7501001)	0 / 0	0 / 0	146 / 21	0 / 0
TanDEM-X (1003001)	0 / 0	0 / 0	87 / 9	0 / 0

¹ Number of observations; ² Number of files/passes

3.36 Wetzell, Germany (WLRS) (8834)

3.36.1 Common Information

Site:	Wetzell, Germany (WLRS)
Code:	WETL
Station ID:	8834
Datacenter:	EDC
SOD (DOMES):	88341001 (14201S018)

3.36.2 Status of Station in 2012

SOD	Period	Status
88341001	2012-01-01 - 2012-12-31	Validated

3.36.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	2580 ¹ / 272 ²	230452 / 283	2580 / 272	0 / 0
February	4170 / 407	305412 / 410	4168 / 406	0 / 0
March	6545 / 722	592677 / 730	6495 / 719	0 / 0
April	5733 / 658	645150 / 698	5733 / 658	0 / 0
May	11473 / 1273	1490140 / 1360	11312 / 1257	0 / 0
June	4497 / 603	540171 / 649	4489 / 601	0 / 0
July	6383 / 739	735072 / 745	6383 / 739	0 / 0
August	8484 / 973	292584 / 274	1899 / 232	0 / 0
September	7411 / 887	66969 / 77	0 / 0	0 / 0
October	6143 / 754	75857 / 69	0 / 0	0 / 0
November	1929 / 274	9399 / 18	0 / 0	0 / 0
December	2211 / 282	4985 / 9	0 / 0	0 / 0
Year	67559 / 7844	4988868 / 5322	43059 / 4884	0 / 0

¹ Number of observations; ² Number of files/passes

3.36.4 Statistics of Normal Points (CRD) in 2012

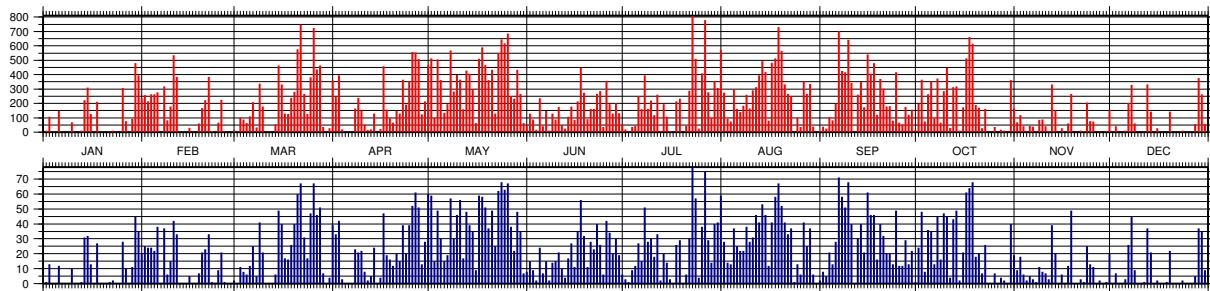


Figure 3.96: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.36.5 Statistics of Full-Rate (CRD) in 2012

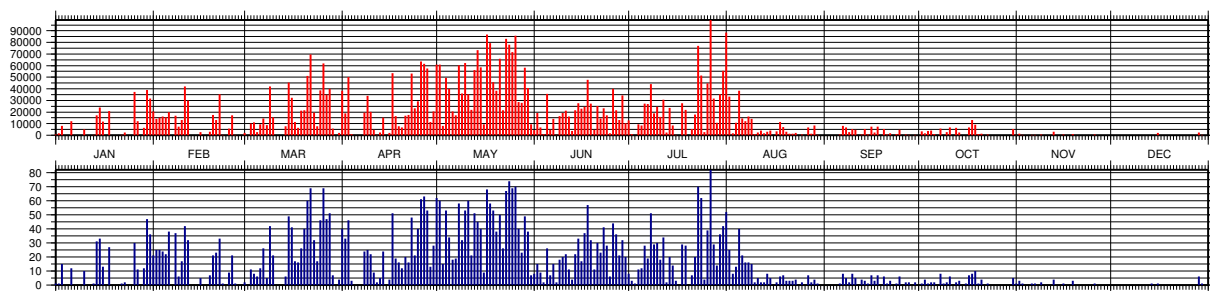


Figure 3.97: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.36.6 Statistics of Normal Points (CSTG) in 2012

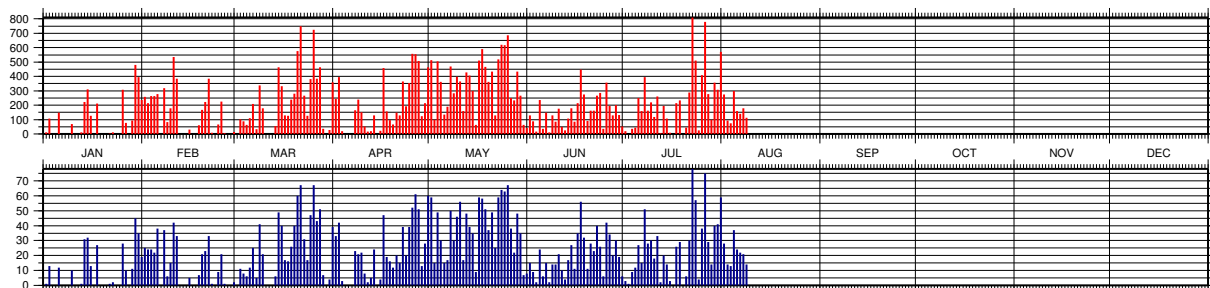


Figure 3.98: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.36.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.36.8 Satellites Tracked by Wettzell, Germany (WLRS) in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Aces (9806701)	2 ¹ / 1 ²	1606 / 2	0 / 0	0 / 0
Ajisai (8606101)	8517 / 687	737041 / 426	5344 / 430	0 / 0
Beacon-C (6503201)	6164 / 433	254050 / 267	3808 / 267	0 / 0
Blits (0904907)	504 / 114	14218 / 84	381 / 86	0 / 0
Compass-I3 (1101301)	47 / 12	14728 / 11	0 / 0	0 / 0
Compass-I5 (1107301)	151 / 32	39179 / 35	28 / 3	0 / 0
Compass-M1 (0701101)	159 / 39	48689 / 44	159 / 39	0 / 0
Compass-M3 (1201801)	166 / 42	83221 / 59	3 / 1	0 / 0
Cryosat-2 (1001301)	3287 / 336	126676 / 211	2060 / 216	0 / 0
Envisat (0200901)	948 / 89	69151 / 88	948 / 89	0 / 0
Etalon 2 (8903903)	631 / 138	116569 / 98	360 / 76	0 / 0
Etalon-1 (8900103)	698 / 146	135913 / 89	342 / 70	0 / 0
GPS-36 (9401601)	474 / 92	62857 / 77	303 / 59	0 / 0
Galileo-101 (1106001)	686 / 139	154961 / 114	383 / 80	0 / 0
Galileo-102 (1106002)	611 / 138	166869 / 116	376 / 80	0 / 0
Galileo-103 (1205501)	28 / 7	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	25 / 6	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	81 / 17	15570 / 21	81 / 17	0 / 0
Giove-B (0802001)	151 / 32	46512 / 44	151 / 32	0 / 0
Glonass-101 (0606203)	4 / 1	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	397 / 118	47803 / 79	211 / 67	0 / 0
Glonass-103 (0606202)	13 / 4	0 / 0	0 / 0	0 / 0
Glonass-105 (0705202)	7 / 2	0 / 0	0 / 0	0 / 0
Glonass-106 (0705201)	7 / 3	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	419 / 98	38417 / 49	146 / 43	0 / 0
Glonass-110 (0804601)	523 / 124	99237 / 88	291 / 69	0 / 0
Glonass-111 (0804602)	3 / 1	0 / 0	0 / 0	0 / 0
Glonass-114 (0806703)	13 / 4	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	512 / 124	178827 / 112	367 / 93	0 / 0
Glonass-116 (0907001)	9 / 3	0 / 0	0 / 0	0 / 0
Glonass-117 (0907002)	10 / 3	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	509 / 125	114588 / 81	303 / 70	0 / 0
Glonass-119 (1000701)	5 / 2	0 / 0	0 / 0	0 / 0
Glonass-120 (1000703)	7 / 3	0 / 0	0 / 0	0 / 0
Glonass-121 (1000702)	15 / 6	0 / 0	0 / 0	0 / 0
Glonass-122 (1004103)	13 / 5	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-123 (1004102)	13 ¹ / 5 ²	0 / 0	0 / 0	0 / 0
Glonass-124 (1004101)	12 / 4	0 / 0	0 / 0	0 / 0
Glonass-125 (1100901)	29 / 7	4471 / 7	29 / 7	0 / 0
Glonass-126 (1105501)	9 / 3	0 / 0	0 / 0	0 / 0
Glonass-127 (1106403)	122 / 20	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	26 / 8	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	68 / 13	0 / 0	0 / 0	0 / 0
Glonass-130 (1107101)	497 / 137	182724 / 89	279 / 72	0 / 0
Goce (0901301)	291 / 41	5423 / 26	187 / 26	0 / 0
Grace-A (0201201)	1358 / 127	27679 / 87	922 / 87	0 / 0
Grace-B (0201202)	1873 / 169	39005 / 115	1309 / 115	0 / 0
HY-2A (1104301)	2217 / 312	131559 / 196	1416 / 198	0 / 0
Jason-1 (0105501)	3619 / 304	97205 / 202	2276 / 206	0 / 0
Jason-2 (0803201)	6410 / 481	291921 / 476	4569 / 336	0 / 0
Lageos-1 (7603901)	3851 / 571	384811 / 337	2138 / 345	0 / 0
Lageos-2 (9207002)	2403 / 362	146943 / 202	1330 / 206	0 / 0
Lares (1200601)	4593 / 493	230112 / 319	3051 / 327	0 / 0
Larets (0304206)	1614 / 275	101642 / 190	1122 / 190	0 / 0
Starlette (7501001)	5142 / 575	424916 / 366	3345 / 367	0 / 0
Stella (9306102)	3079 / 423	253272 / 264	1963 / 268	0 / 0
TanDEM-X (1003001)	1970 / 167	42051 / 107	1276 / 104	0 / 0
TerraSAR-X (0702601)	2511 / 211	57065 / 141	1779 / 140	0 / 0
ZY-3 (1200101)	56 / 10	1387 / 3	23 / 3	0 / 0

¹ Number of observations; ² Number of files/passes

3.37 Yarragadee, Australia (7090)

3.37.1 Common Information

Site:	Yarragadee, Australia
Code:	YARL
Station ID:	7090
Datacenter:	CDDIS
SOD (DOMES):	70900513 (50107M001)

3.37.2 Status of Station in 2012

SOD	Period	Status
70900513	2012-01-01 - 2012-12-31	Validated

3.37.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	0 ¹ / 0 ²	0 / 0	20408 / 2069	0 / 0
February	0 / 0	0 / 0	18889 / 2032	0 / 0
March	0 / 0	0 / 0	24868 / 2751	0 / 0
April	0 / 0	0 / 0	16628 / 1993	0 / 0
May	24884 / 2757	152485 / 99	10913 / 1196	0 / 0
June	12988 / 1485	68568 / 65	0 / 0	0 / 0
July	23024 / 2538	126669 / 96	0 / 0	0 / 0
August	18977 / 2099	93805 / 92	0 / 0	0 / 0
September	19862 / 2356	98061 / 91	0 / 0	0 / 0
October	24861 / 2689	93250 / 100	0 / 0	0 / 0
November	20207 / 2242	81471 / 107	0 / 0	0 / 0
December	16231 / 1789	51951 / 75	0 / 0	0 / 0
Year	161034 / 17955	766260 / 725	91706 / 10041	0 / 0

¹ Number of observations; ² Number of files/passes

3.37.4 Statistics of Normal Points (CRD) in 2012

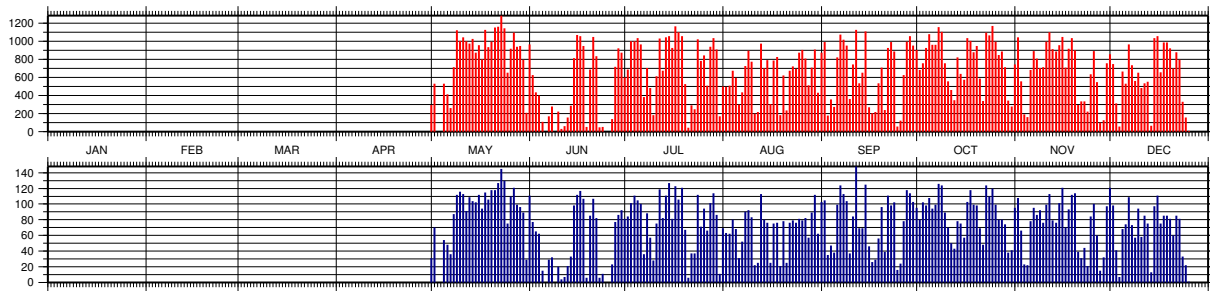


Figure 3.99: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.37.5 Statistics of Full-Rate (CRD) in 2012

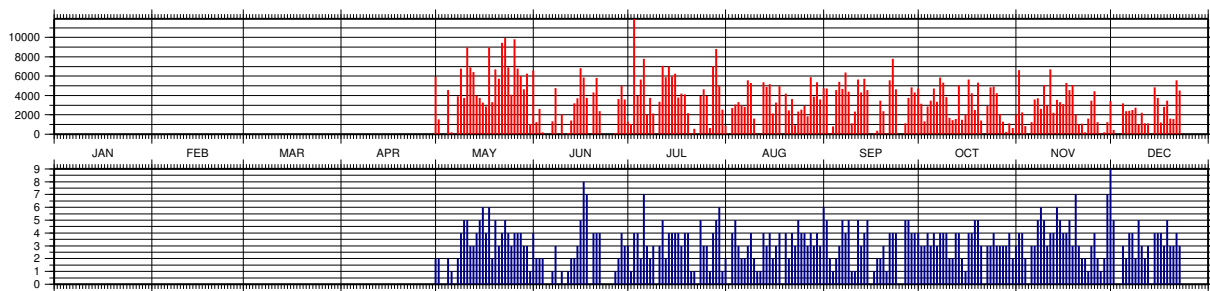


Figure 3.100: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.37.6 Statistics of Normal Points (CSTG) in 2012

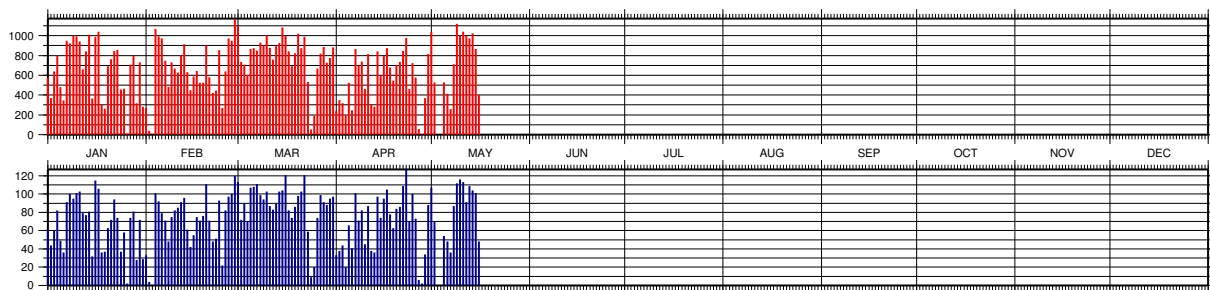


Figure 3.101: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.37.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.37.8 Satellites Tracked by Yarragadee, Australia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	16884 ¹ / 1146 ²	0 / 0	10958 / 710	0 / 0
Beacon-C (6503201)	214 / 25	0 / 0	155 / 15	0 / 0
Blits (0904907)	2524 / 356	0 / 0	1119 / 184	0 / 0
Compass-G1 (1000101)	211 / 61	0 / 0	25 / 9	0 / 0
Compass-I3 (1101301)	657 / 156	0 / 0	42 / 12	0 / 0
Compass-I5 (1107301)	344 / 84	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	251 / 73	0 / 0	384 / 122	0 / 0
Compass-M3 (1201801)	205 / 59	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	6365 / 409	0 / 0	4154 / 269	0 / 0
Envisat (0200901)	494 / 56	0 / 0	4146 / 261	0 / 0
Etalon 2 (8903903)	1155 / 323	0 / 0	477 / 128	0 / 0
Etalon-1 (8900103)	1150 / 313	0 / 0	742 / 209	0 / 0
GPS-35 (9305401)	16 / 4	0 / 0	0 / 0	0 / 0
GPS-36 (9401601)	144 / 44	0 / 0	67 / 23	0 / 0
Galileo-101 (1106001)	1236 / 359	0 / 0	758 / 209	0 / 0
Galileo-102 (1106002)	1173 / 327	0 / 0	720 / 204	0 / 0
Galileo-103 (1205501)	264 / 68	0 / 0	0 / 0	0 / 0
Galileo-104 (1205502)	234 / 64	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	40 / 13	0 / 0	69 / 21	0 / 0
Giove-B (0802001)	39 / 12	0 / 0	62 / 20	0 / 0
Glonass-101 (0606203)	285 / 85	0 / 0	143 / 44	0 / 0
Glonass-102 (0606201)	504 / 159	0 / 0	224 / 72	0 / 0
Glonass-103 (0606202)	250 / 81	0 / 0	95 / 26	0 / 0
Glonass-105 (0705202)	209 / 70	0 / 0	111 / 36	0 / 0
Glonass-106 (0705201)	190 / 63	0 / 0	135 / 41	0 / 0
Glonass-107 (0706501)	221 / 66	0 / 0	138 / 46	0 / 0
Glonass-109 (0706503)	425 / 130	0 / 0	301 / 82	0 / 0
Glonass-110 (0804601)	511 / 166	0 / 0	230 / 71	0 / 0
Glonass-111 (0804602)	166 / 55	0 / 0	62 / 18	0 / 0
Glonass-114 (0806703)	184 / 61	0 / 0	194 / 61	0 / 0
Glonass-115 (0806702)	922 / 259	0 / 0	770 / 212	0 / 0
Glonass-116 (0907001)	202 / 64	0 / 0	140 / 41	0 / 0
Glonass-117 (0907002)	66 / 23	0 / 0	89 / 28	0 / 0
Glonass-118 (0907003)	315 / 100	0 / 0	336 / 100	0 / 0
Glonass-119 (1000701)	155 / 50	0 / 0	112 / 35	0 / 0
Glonass-120 (1000703)	250 / 78	0 / 0	78 / 26	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-121 (1000702)	229 ¹ / 72 ²	0 / 0	67 / 25	0 / 0
Glonass-122 (1004103)	1076 / 298	0 / 0	364 / 104	0 / 0
Glonass-123 (1004102)	1182 / 332	0 / 0	545 / 161	0 / 0
Glonass-124 (1004101)	994 / 276	0 / 0	381 / 112	0 / 0
Glonass-125 (1100901)	0 / 0	0 / 0	29 / 8	0 / 0
Glonass-126 (1105501)	1100 / 291	0 / 0	688 / 187	0 / 0
Glonass-127 (1106403)	146 / 44	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	1135 / 303	0 / 0	572 / 156	0 / 0
Glonass-129 (1106402)	1097 / 309	0 / 0	488 / 134	0 / 0
Glonass-130 (1107101)	1187 / 362	0 / 0	682 / 182	0 / 0
Goce (0901301)	2871 / 157	0 / 0	1755 / 100	0 / 0
Grace-A (0201201)	5614 / 759	0 / 0	3443 / 472	0 / 0
Grace-B (0201202)	5294 / 741	0 / 0	3270 / 480	0 / 0
HY-2A (1104301)	5740 / 543	0 / 0	3407 / 330	0 / 0
Jason-1 (0105501)	16713 / 691	0 / 0	5800 / 249	0 / 0
Jason-2 (0803201)	18070 / 724	766260 / 725	10860 / 430	0 / 0
Lageos-1 (7603901)	8494 / 1042	0 / 0	4111 / 501	0 / 0
Lageos-2 (9207002)	8530 / 997	0 / 0	4712 / 519	0 / 0
Lares (1200601)	9705 / 665	0 / 0	3949 / 282	0 / 0
Larets (0304206)	3383 / 423	0 / 0	2144 / 263	0 / 0
QSZ-1 (1004501)	162 / 55	0 / 0	143 / 46	0 / 0
Starlette (7501001)	9987 / 892	0 / 0	5969 / 530	0 / 0
Stella (9306102)	5036 / 513	0 / 0	3020 / 301	0 / 0
TanDEM-X (1003001)	6820 / 930	0 / 0	3880 / 543	0 / 0
TerraSAR-X (0702601)	7761 / 1057	0 / 0	4366 / 588	0 / 0
Westpac (9804301)	0 / 0	0 / 0	25 / 3	0 / 0
ZY-3 (1200101)	253 / 17	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.38 Zelenchukskya, Russia (1889)

3.38.1 Common Information

Site:	Zelenchukskya, Russia
Code:	ZELL
Station ID:	1889
Datacenter:	EDC
SOD (DOMES):	18899901 (12351S002)

3.38.2 Status of Station in 2012

SOD	Period	Status
18899901	2012-01-01 - 2012-12-17	Quarantine (released)
18899901	2012-12-17 - 2012-12-31	Validated

3.38.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	323 ¹ / 53 ²	0 / 0	0 / 0	0 / 0
February	488 / 70	0 / 0	0 / 0	0 / 0
March	649 / 113	0 / 0	0 / 0	0 / 0
April	1434 / 206	0 / 0	0 / 0	0 / 0
May	1077 / 119	0 / 0	0 / 0	0 / 0
June	689 / 133	0 / 0	0 / 0	0 / 0
July	913 / 102	0 / 0	0 / 0	0 / 0
August	443 / 76	0 / 0	0 / 0	0 / 0
September	286 / 46	0 / 0	0 / 0	0 / 0
October	303 / 51	0 / 0	0 / 0	0 / 0
November	614 / 105	0 / 0	0 / 0	0 / 0
December	186 / 30	0 / 0	0 / 0	0 / 0
Year	7405 / 1104	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.38.4 Statistics of Normal Points (CRD) in 2012

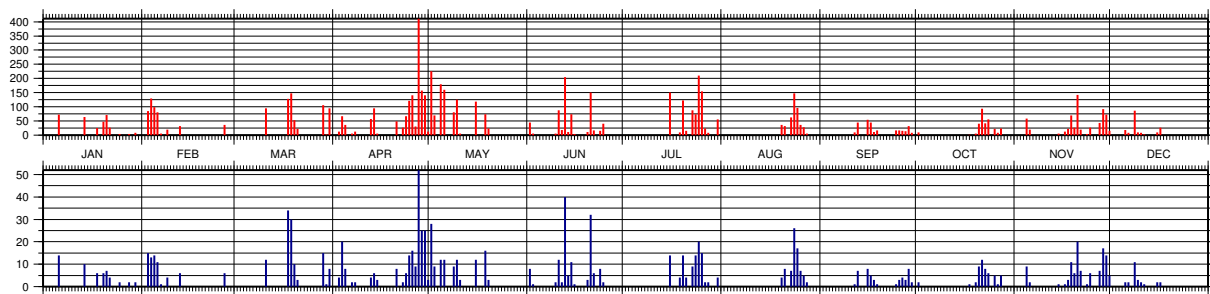


Figure 3.102: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.38.5 Statistics of Full-Rate (CRD) in 2012

No data available in 2012

3.38.6 Statistics of Normal Points (CSTG) in 2012

No data available in 2012

3.38.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.38.8 Satellites Tracked by Zelenchukskya, Russia in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	1403 ¹ / 97 ²	0 / 0	0 / 0	0 / 0
Beacon-C (6503201)	226 / 20	0 / 0	0 / 0	0 / 0
Blits (0904907)	39 / 7	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	52 / 12	0 / 0	0 / 0	0 / 0
Cryosat-2 (1001301)	43 / 4	0 / 0	0 / 0	0 / 0
Envisat (0200901)	29 / 4	0 / 0	0 / 0	0 / 0
Etalon 2 (8903903)	97 / 25	0 / 0	0 / 0	0 / 0
Etalon-1 (8900103)	46 / 15	0 / 0	0 / 0	0 / 0
Galileo-101 (1106001)	33 / 10	0 / 0	0 / 0	0 / 0
Galileo-102 (1106002)	43 / 11	0 / 0	0 / 0	0 / 0
Giove-A (0505101)	9 / 2	0 / 0	0 / 0	0 / 0
Giove-B (0802001)	12 / 5	0 / 0	0 / 0	0 / 0
Glonass-101 (0606203)	46 / 12	0 / 0	0 / 0	0 / 0
Glonass-102 (0606201)	70 / 17	0 / 0	0 / 0	0 / 0
Glonass-103 (0606202)	85 / 17	0 / 0	0 / 0	0 / 0
Glonass-105 (0705202)	65 / 19	0 / 0	0 / 0	0 / 0
Glonass-106 (0705201)	53 / 17	0 / 0	0 / 0	0 / 0
Glonass-107 (0706501)	78 / 19	0 / 0	0 / 0	0 / 0
Glonass-109 (0706503)	92 / 22	0 / 0	0 / 0	0 / 0
Glonass-110 (0804601)	85 / 23	0 / 0	0 / 0	0 / 0
Glonass-111 (0804602)	51 / 18	0 / 0	0 / 0	0 / 0
Glonass-114 (0806703)	68 / 17	0 / 0	0 / 0	0 / 0
Glonass-115 (0806702)	77 / 23	0 / 0	0 / 0	0 / 0
Glonass-116 (0907001)	65 / 17	0 / 0	0 / 0	0 / 0
Glonass-117 (0907002)	35 / 11	0 / 0	0 / 0	0 / 0
Glonass-118 (0907003)	86 / 28	0 / 0	0 / 0	0 / 0
Glonass-119 (1000701)	67 / 20	0 / 0	0 / 0	0 / 0
Glonass-120 (1000703)	84 / 23	0 / 0	0 / 0	0 / 0
Glonass-121 (1000702)	53 / 18	0 / 0	0 / 0	0 / 0
Glonass-122 (1004103)	58 / 17	0 / 0	0 / 0	0 / 0
Glonass-123 (1004102)	62 / 20	0 / 0	0 / 0	0 / 0
Glonass-124 (1004101)	53 / 16	0 / 0	0 / 0	0 / 0
Glonass-125 (1100901)	14 / 4	0 / 0	0 / 0	0 / 0
Glonass-126 (1105501)	102 / 32	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	107 / 36	0 / 0	0 / 0	0 / 0
Glonass-129 (1106402)	136 / 41	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-130 (1107101)	91 ¹ / 28 ²	0 / 0	0 / 0	0 / 0
Grace-B (0201202)	40 / 3	0 / 0	0 / 0	0 / 0
HY-2A (1104301)	39 / 4	0 / 0	0 / 0	0 / 0
Jason-1 (0105501)	506 / 26	0 / 0	0 / 0	0 / 0
Jason-2 (0803201)	570 / 33	0 / 0	0 / 0	0 / 0
Lageos-1 (7603901)	626 / 104	0 / 0	0 / 0	0 / 0
Lageos-2 (9207002)	754 / 88	0 / 0	0 / 0	0 / 0
Lares (1200601)	364 / 31	0 / 0	0 / 0	0 / 0
Larets (0304206)	101 / 21	0 / 0	0 / 0	0 / 0
Starlette (7501001)	423 / 44	0 / 0	0 / 0	0 / 0
Stella (9306102)	167 / 23	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

3.39 Zimmerwald, Switzerland (7810)

3.39.1 Common Information

Site:	Zimmerwald, Switzerland
Code:	ZIML
Station ID:	7810
Datacenter:	EDC
SOD (DOMES):	78106801 (14001S007)

3.39.2 Status of Station in 2012

SOD	Period	Status
78106801	2012-01-01 - 2012-12-14	Validated
78106801	2012-12-14 - 2012-12-21	Quarantine (released)
78106801	2012-12-21 - 2012-12-31	Validated

3.39.3 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
January	11714 ¹ / 892 ²	43239 / 16	11714 / 892	0 / 0
February	11180 / 910	85535 / 25	11180 / 910	0 / 0
March	26678 / 1951	223775 / 55	26694 / 1952	0 / 0
April	9232 / 807	104378 / 34	9232 / 807	0 / 0
May	16334 / 1426	126303 / 52	16364 / 1429	0 / 0
June	12022 / 1101	91678 / 43	2253 / 195	0 / 0
July	17750 / 1582	121878 / 44	0 / 0	0 / 0
August	22610 / 1799	226523 / 71	0 / 0	0 / 0
September	14623 / 1243	376568 / 143	0 / 0	0 / 0
October	11025 / 934	235918 / 92	0 / 0	0 / 0
November	0 / 0	0 / 0	0 / 0	0 / 0
December	416 / 35	11818 / 4	0 / 0	0 / 0
Year	153584 / 12680	1647613 / 579	77437 / 6185	0 / 0

¹ Number of observations; ² Number of files/passes

3.39.4 Statistics of Normal Points (CRD) in 2012

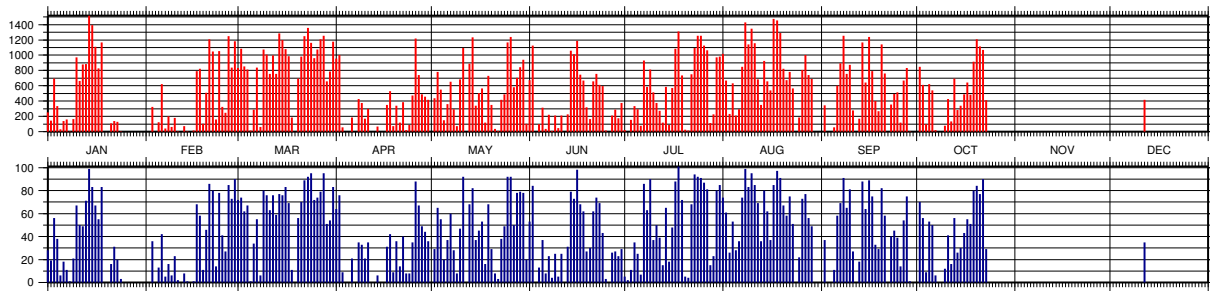


Figure 3.103: Number of Normal Points (CRD) (red) and files/passes (blue) for every day in 2012

3.39.5 Statistics of Full-Rate (CRD) in 2012

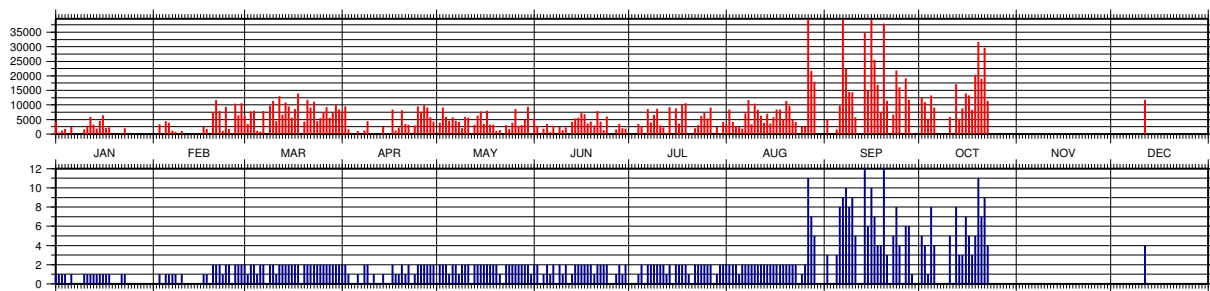


Figure 3.104: Number of Full-Rate Data (CRD) (red) and files/passes (blue) for every day in 2012

3.39.6 Statistics of Normal Points (CSTG) in 2012

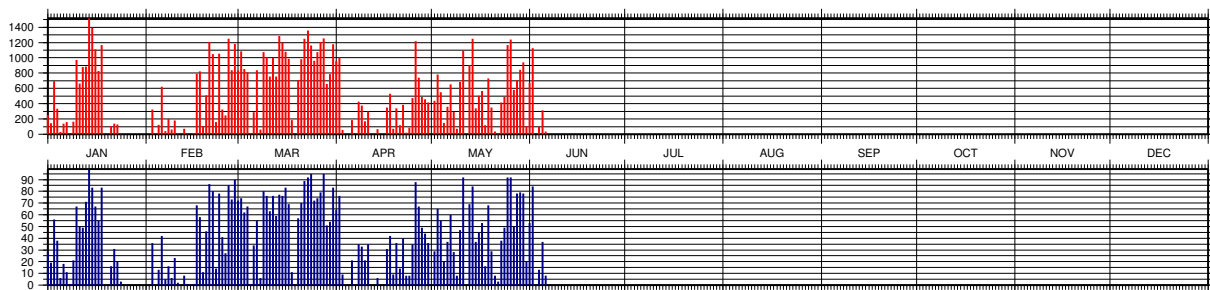


Figure 3.105: Number of Normal Points (CSTG) (red) and files/passes (blue) for every day in 2012

3.39.7 Statistics of Full-Rate (MERIT-II) in 2012

No data available in 2012

3.39.8 Satellites Tracked by Zimmerwald, Switzerland in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Ajisai (8606101)	9077 ¹ / 685 ²	0 / 0	5017 / 345	0 / 0
Beacon-C (6503201)	10095 / 511	0 / 0	4772 / 239	0 / 0
Blits (0904907)	3271 / 399	0 / 0	1688 / 203	0 / 0
Compass-I5 (1107301)	56 / 7	0 / 0	0 / 0	0 / 0
Compass-M1 (0701101)	392 / 67	0 / 0	360 / 55	0 / 0
Compass-M3 (1201801)	163 / 30	41935 / 20	0 / 0	0 / 0
Cryosat-2 (1001301)	6741 / 378	0 / 0	3164 / 181	0 / 0
Envisat (0200901)	2130 / 158	0 / 0	2083 / 151	0 / 0
Etalon 2 (8903903)	1735 / 199	0 / 0	1002 / 106	0 / 0
Etalon-1 (8900103)	1498 / 195	0 / 0	795 / 100	0 / 0
GPS-35 (9305401)	531 / 107	0 / 0	369 / 59	0 / 0
GPS-36 (9401601)	358 / 85	0 / 0	114 / 25	0 / 0
Galileo-101 (1106001)	1489 / 152	0 / 0	974 / 83	0 / 0
Galileo-102 (1106002)	1852 / 162	0 / 0	1154 / 84	0 / 0
Giove-A (0505101)	811 / 68	0 / 0	767 / 62	0 / 0
Giove-B (0802001)	789 / 77	0 / 0	609 / 57	0 / 0
Glonass-101 (0606203)	401 / 128	0 / 0	199 / 63	0 / 0
Glonass-102 (0606201)	359 / 117	0 / 0	187 / 59	0 / 0
Glonass-103 (0606202)	569 / 150	0 / 0	217 / 70	0 / 0
Glonass-105 (0705202)	286 / 118	0 / 0	137 / 56	0 / 0
Glonass-106 (0705201)	363 / 139	0 / 0	185 / 66	0 / 0
Glonass-107 (0706501)	433 / 129	0 / 0	169 / 52	0 / 0
Glonass-109 (0706503)	432 / 139	0 / 0	189 / 65	0 / 0
Glonass-110 (0804601)	420 / 141	0 / 0	217 / 72	0 / 0
Glonass-111 (0804602)	197 / 91	0 / 0	95 / 48	0 / 0
Glonass-114 (0806703)	659 / 146	0 / 0	321 / 70	0 / 0
Glonass-115 (0806702)	527 / 147	0 / 0	260 / 78	0 / 0
Glonass-116 (0907001)	596 / 161	0 / 0	257 / 76	0 / 0
Glonass-117 (0907002)	322 / 113	0 / 0	141 / 50	0 / 0
Glonass-118 (0907003)	353 / 121	0 / 0	191 / 63	0 / 0
Glonass-119 (1000701)	208 / 93	0 / 0	88 / 44	0 / 0
Glonass-120 (1000703)	280 / 112	0 / 0	96 / 45	0 / 0
Glonass-121 (1000702)	361 / 128	0 / 0	163 / 58	0 / 0
Glonass-122 (1004103)	583 / 156	0 / 0	220 / 74	0 / 0
Glonass-123 (1004102)	496 / 152	0 / 0	231 / 72	0 / 0
Glonass-124 (1004101)	521 / 163	0 / 0	240 / 76	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Glonass-126 (1105501)	291 ¹ / 96 ²	0 / 0	68 / 21	0 / 0
Glonass-127 (1106403)	70 / 14	0 / 0	0 / 0	0 / 0
Glonass-128 (1106401)	650 / 159	0 / 0	328 / 72	0 / 0
Glonass-129 (1106402)	527 / 148	0 / 0	203 / 66	0 / 0
Glonass-130 (1107101)	529 / 172	0 / 0	278 / 88	0 / 0
Glonass-95 (0405302)	2 / 1	0 / 0	0 / 0	0 / 0
Goce (0901301)	2279 / 120	0 / 0	1159 / 58	0 / 0
Grace-A (0201201)	4066 / 219	0 / 0	1995 / 107	0 / 0
Grace-B (0201202)	4026 / 219	0 / 0	2031 / 111	0 / 0
HY-2A (1104301)	3369 / 318	0 / 0	1592 / 153	0 / 0
Jason-1 (0105501)	13112 / 546	0 / 0	4052 / 179	0 / 0
Jason-2 (0803201)	21698 / 810	867199 / 308	12136 / 418	0 / 0
Lageos-1 (7603901)	10150 / 715	0 / 0	4748 / 345	0 / 0
Lageos-2 (9207002)	7359 / 554	0 / 0	3660 / 268	0 / 0
Lares (1200601)	8358 / 577	738479 / 251	4362 / 266	0 / 0
Larets (0304206)	3540 / 376	0 / 0	1748 / 181	0 / 0
Starlette (7501001)	7543 / 679	0 / 0	3886 / 332	0 / 0
Stella (9306102)	4726 / 429	0 / 0	2385 / 216	0 / 0
TanDEM-X (1003001)	6233 / 293	0 / 0	3238 / 148	0 / 0
TerraSAR-X (0702601)	5702 / 311	0 / 0	2897 / 149	0 / 0

¹ Number of observations; ² Number of files/passes

4 Satellites

In this chapter, detailed statistics of every tracked target in 2012 will be shown.

These statistics include

- mission parameters,
- daily number of NPT, FRD, NP, FR observations,
- daily number of predictions (CPF),
- monthly number of NPT, FRD, NP, FR observations,
- monthly number of predictions (CPF),
- yearly number of NPT, FRD, NP, FR observations, and
- yearly number of predictions (CPF).

The SLR stations tracked 71 targets in this year.

The following 9 satellites were launched in 2012 and tracked by the SLR stations:

- Compass-G1
- Compass-I3
- Compass-I4
- Compass-I5
- Compass-M3
- Galileo-103
- Galileo-104
- Glonass-127
- Lares
- ZY-3

4.1 Ajisai (8606101)

4.1.1 Common Information

Official name:	ajisai
COSPAR ID:	8606101
SIC Code:	1500
NORAD ID:	16908
Launch Date:	1986-08-12

4.1.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	6165 ¹ / 482 ²	1528242 / 204	12111 / 873	1202434 / 174	93 ²
February	8009 / 649	3707907 / 305	13638 / 1023	3234078 / 303	86
March	9094 / 659	1448379 / 286	16189 / 1114	1165585 / 196	68
April	8311 / 629	832902 / 323	13654 / 996	520030 / 136	91
May	19427 / 1362	2592936 / 399	15190 / 1072	1802639 / 193	92
June	12765 / 929	301555 / 289	3786 / 292	51257 / 13	92
July	16229 / 1168	1556568 / 398	3875 / 314	485059 / 22	94
August	17369 / 1346	3278248 / 468	3029 / 256	339896 / 16	93
September	12474 / 936	830669 / 194	2583 / 170	0 / 0	93
October	14985 / 1133	3245849 / 324	2148 / 162	12206 / 6	93
November	11965 / 918	3438095 / 230	1052 / 89	0 / 0	90
December	8888 / 652	1412113 / 208	1854 / 133	0 / 0	92
Year	145681 / 10863	24173463 / 3628	89109 / 6494	8813184 / 1059	1077

¹ Number of observations; ² Number of files/passes

4.1.3 Daily number of Predictions (CPF) in 2012

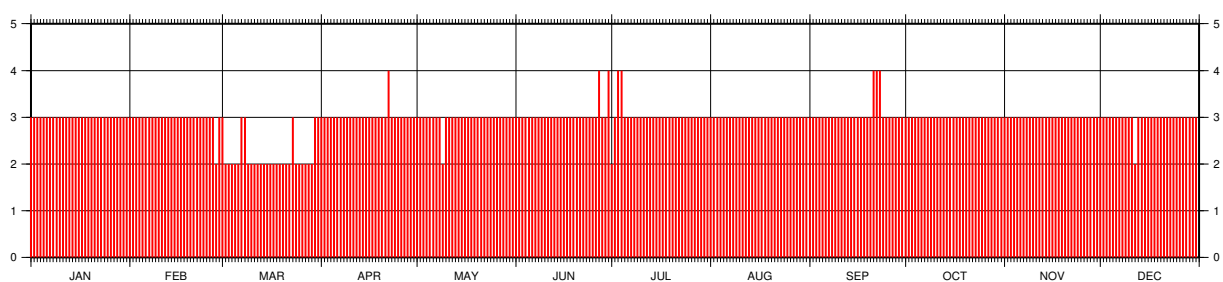


Figure 4.1: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.1.4 Daily number of Normal Points (CRD) in 2012

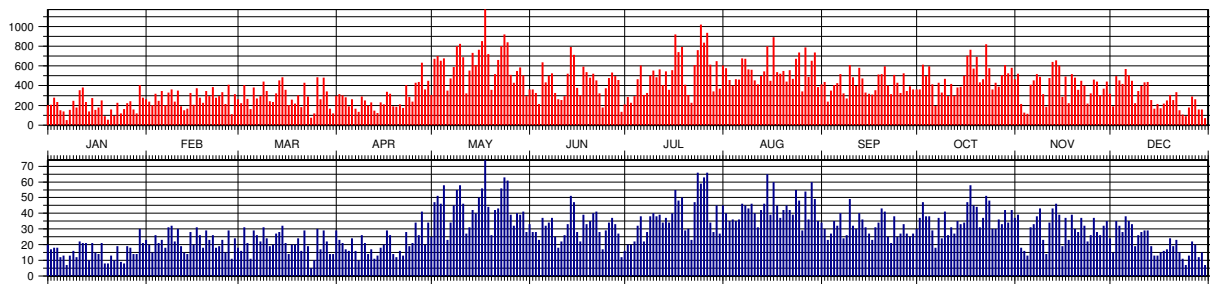


Figure 4.2: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.1.5 Daily number of Full-Rate data (CRD) in 2012

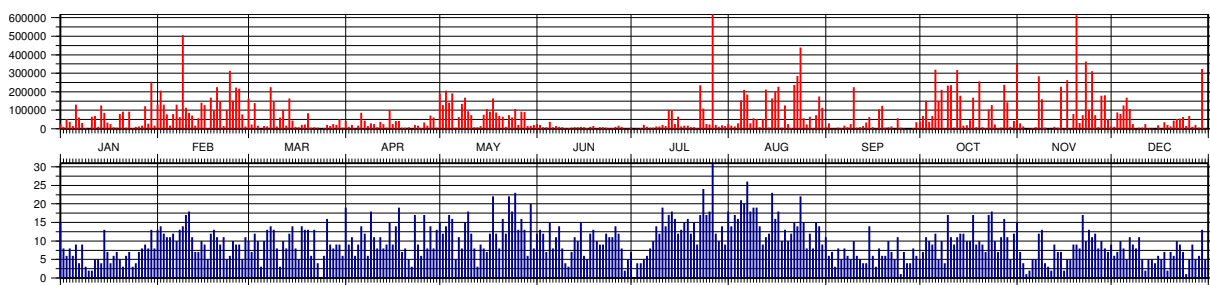


Figure 4.3: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.1.6 Daily number of Normal Points (CSTG) in 2012

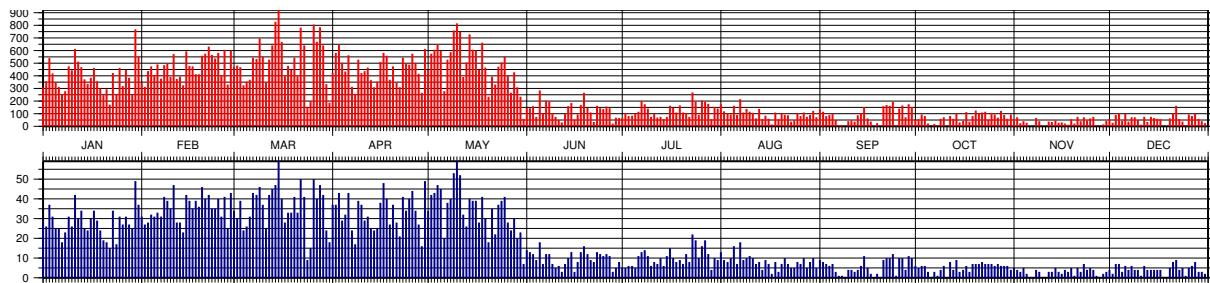


Figure 4.4: Daily number of Normal Points (CSTG) in 2012

4.1.7 Daily number of Full-Rate data (MERIT-II) in 2012

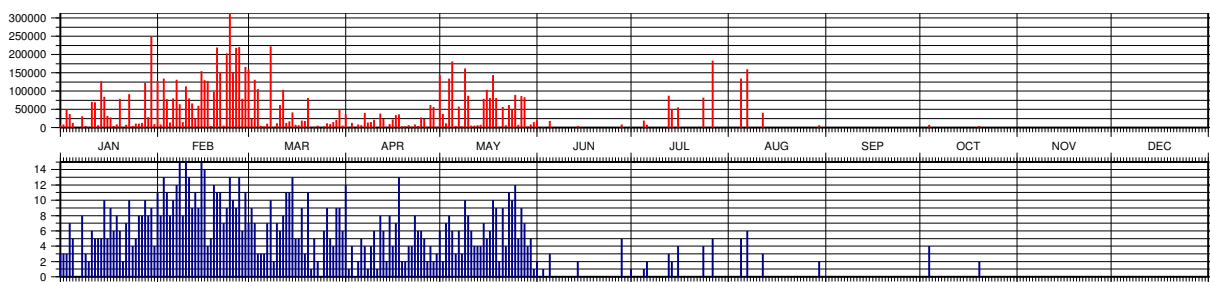


Figure 4.5: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.1.8 Stations tracked Ajsai in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	65 ¹ / 5 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	7451 / 475	0 / 0	1633 / 118	0 / 0
Arkhyz, Russia (18869601)	630 / 88	0 / 0	163 / 24	0 / 0
Badary, Russia (18900901)	2394 / 138	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	1897 / 171	0 / 0	792 / 55	0 / 0
Changchun, China (72371901)	5550 / 680	20414712 / 679	3296 / 382	7850576 / 310
Concepcion, Chile (74057904)	5587 / 442	845642 / 425	3046 / 240	360930 / 192
Golosiv, Ukraine (18248101)	1032 / 143	17118 / 142	762 / 101	0 / 0
Grasse, France (LLR) (78457801)	104 / 8	3749 / 8	89 / 7	0 / 0
Graz, Austria (78393402)	8486 / 456	0 / 0	4778 / 220	0 / 0
Greenbelt, Maryland (71050725)	5571 / 360	0 / 0	4448 / 283	0 / 0
Haleakala, Hawaii (71191402)	2866 / 178	0 / 0	1424 / 93	0 / 0
Hartebeesthoek, South Africa (75010602)	5229 / 394	0 / 0	1797 / 123	0 / 0
Herstmonceux, United Kingdom (78403501)	40 / 2	130541 / 16	2224 / 162	0 / 0
Katzively, Ukraine (18931801)	3566 / 303	102400 / 302	1408 / 115	2467 / 11
Koganei, Japan(CRL) (73085001)	1348 / 100	0 / 0	545 / 45	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	6 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	7580 / 633	987684 / 627	2817 / 222	362321 / 233
McDonald Observatory, Texas (70802419)	1685 / 168	0 / 0	490 / 52	0 / 0
Monument Peak, California (71100412)	4401 / 281	0 / 0	2784 / 158	0 / 0
Mt Stromlo, Australia (78259001)	16566 / 1210	12800 / 22	16588 / 1212	0 / 0
Potsdam, Germany (78418701)	4629 / 292	0 / 0	2122 / 133	0 / 0
Riga, Latvia (18844401)	1451 / 79	0 / 0	923 / 49	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	25 / 4	631 / 3
San Fernando, Spain (78244502)	4070 / 331	347609 / 327	4164 / 315	236259 / 310
San Juan, Argentina (74068801)	6717 / 528	85246 / 470	6814 / 537	0 / 0
Shanghai, China (78212801)	1426 / 186	412907 / 5	495 / 65	0 / 0
Simeiz, Ukraine (18734901)	1541 / 162	28242 / 162	1319 / 139	0 / 0
Simosato, Japan (78383603)	6407 / 318	0 / 0	2091 / 100	0 / 0
Svetloe, Russia (18889801)	420 / 55	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	1030 / 57	0 / 0	488 / 28	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	210 / 23	0 / 0
Wetzell, Germany (WLRS) (88341001)	8517 / 687	737041 / 426	5344 / 430	0 / 0
Yarragadee, Australia (70900513)	16884 / 1146	0 / 0	10958 / 710	0 / 0
Zelenchukskya, Russia (18899901)	1403 / 97	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	9077 / 685	0 / 0	5017 / 345	0 / 0

¹ Number of observations; ² Number of files/passes

4.2 Apollo-11 (0000100)

4.2.1 Common Information

Official name:	apollo11
COSPAR ID:	0000100
SIC Code:	0100
NORAD ID:	—
Launch Date:	1969-07-21

4.2.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	30 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	28
March	0 / 0	0 / 0	5 / 5	0 / 0	31
April	0 / 0	0 / 0	3 / 3	0 / 0	30
May	0 / 0	0 / 0	0 / 0	0 / 0	31
June	0 / 0	0 / 0	0 / 0	0 / 0	30
July	0 / 0	0 / 0	0 / 0	0 / 0	29
August	1 / 1	7 / 1	4 / 4	0 / 0	31
September	0 / 0	0 / 0	23 / 23	0 / 0	28
October	2 / 2	34 / 2	8 / 8	0 / 0	30
November	0 / 0	0 / 0	6 / 6	0 / 0	30
December	0 / 0	0 / 0	6 / 6	0 / 0	31
Year	3 / 3	41 / 3	55 / 55	0 / 0	359

¹ Number of observations; ² Number of files/passes

4.2.3 Daily number of Predictions (CPF) in 2012

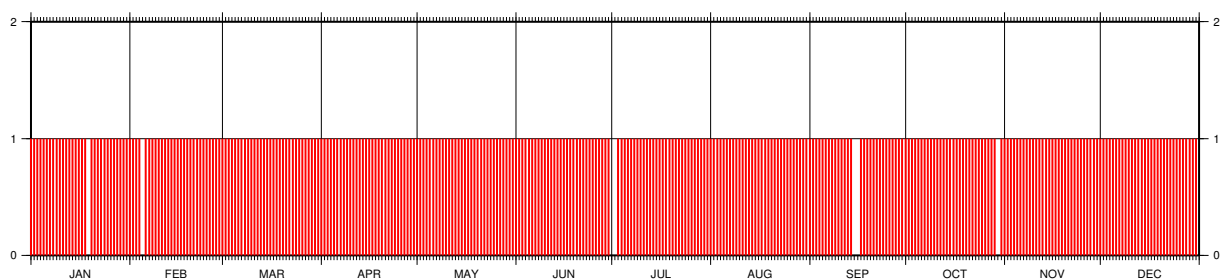


Figure 4.6: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.2.4 Daily number of Normal Points (CRD) in 2012

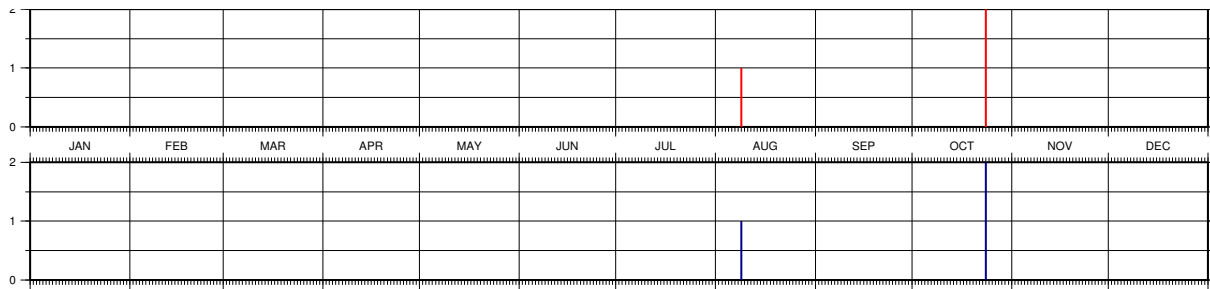


Figure 4.7: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.2.5 Daily number of Full-Rate data (CRD) in 2012

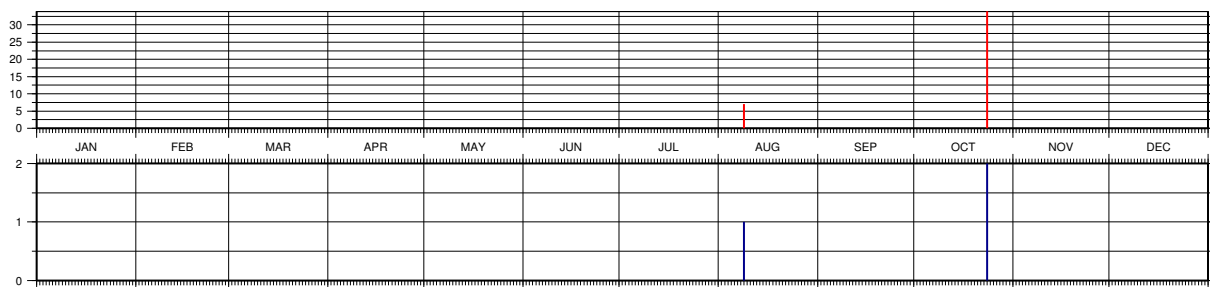


Figure 4.8: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.2.6 Daily number of Normal Points (CSTG) in 2012

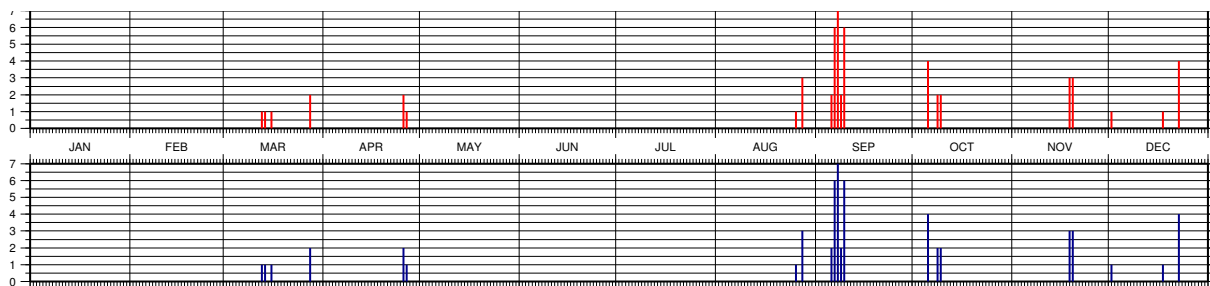


Figure 4.9: Daily number of Normal Points (CSTG) in 2012

4.2.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.2.8 Stations tracked Apollo-11 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Grasse, France (LLR) (78457801)	0 ¹ / 0 ²	0 / 0	55 / 55	0 / 0
Matera, Italy (MLRO) (79417701)	3 / 3	41 / 3	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.3 Apollo-14 (0000102)

4.3.1 Common Information

Official name:	apollo14
COSPAR ID:	0000102
SIC Code:	0102
NORAD ID:	—
Launch Date:	1971-02-05

4.3.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	30 ²
February	0 / 0	0 / 0	2 / 2	0 / 0	29
March	0 / 0	0 / 0	4 / 4	0 / 0	31
April	0 / 0	0 / 0	0 / 0	0 / 0	30
May	0 / 0	0 / 0	0 / 0	0 / 0	31
June	0 / 0	0 / 0	0 / 0	0 / 0	30
July	0 / 0	0 / 0	0 / 0	0 / 0	29
August	0 / 0	0 / 0	7 / 7	0 / 0	31
September	0 / 0	0 / 0	20 / 20	0 / 0	28
October	1 / 1	5 / 1	2 / 2	0 / 0	30
November	1 / 1	3 / 1	5 / 5	0 / 0	30
December	0 / 0	0 / 0	8 / 8	0 / 0	31
Year	2 / 2	8 / 2	48 / 48	0 / 0	360

¹ Number of observations; ² Number of files/passes

4.3.3 Daily number of Predictions (CPF) in 2012

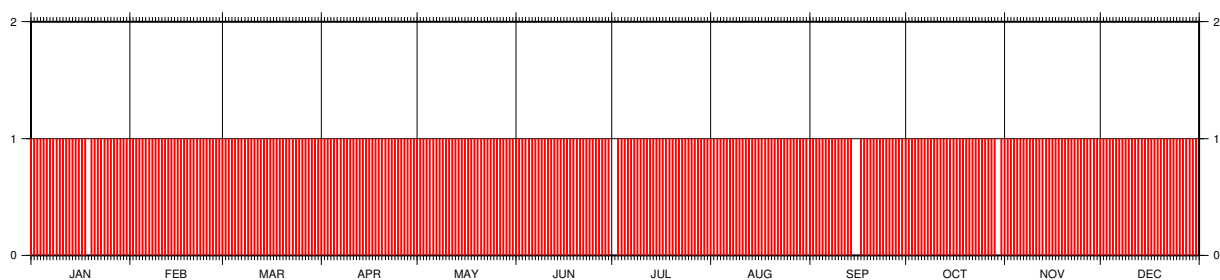


Figure 4.10: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.3.4 Daily number of Normal Points (CRD) in 2012

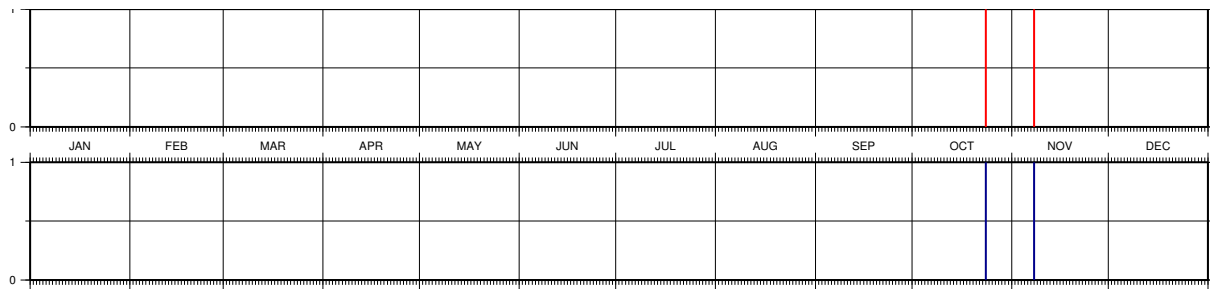


Figure 4.11: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.3.5 Daily number of Full-Rate data (CRD) in 2012

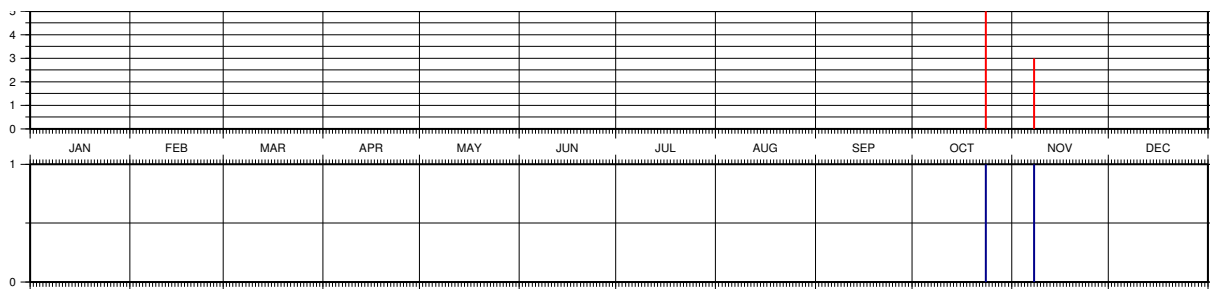


Figure 4.12: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.3.6 Daily number of Normal Points (CSTG) in 2012

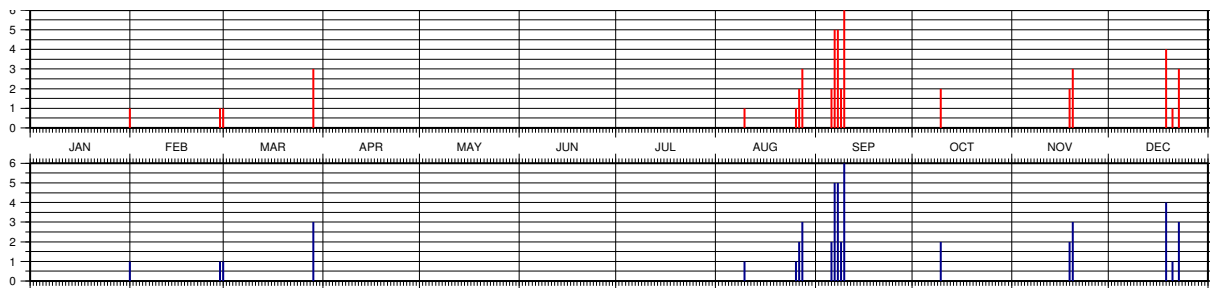


Figure 4.13: Daily number of Normal Points (CSTG) in 2012

4.3.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.3.8 Stations tracked Apollo-14 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Grasse, France (LLR) (78457801)	0 ¹ / 0 ²	0 / 0	48 / 48	0 / 0
Matera, Italy (MLRO) (79417701)	2 / 2	8 / 2	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.4 Apollo-15 (0000103)

4.4.1 Common Information

Official name:	apollo15
COSPAR ID:	0000103
SIC Code:	0103
NORAD ID:	—
Launch Date:	1971-07-31

4.4.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	12 ¹ / 7 ²	0 / 0	12 / 7	0 / 0	30 ²
February	2 / 1	0 / 0	25 / 24	0 / 0	29
March	1 / 1	17 / 1	46 / 46	0 / 0	31
April	2 / 1	0 / 0	12 / 11	0 / 0	30
May	0 / 0	0 / 0	7 / 7	0 / 0	31
June	1 / 1	21 / 1	10 / 10	0 / 0	30
July	3 / 3	75 / 3	1 / 1	0 / 0	29
August	10 / 9	157 / 8	23 / 23	0 / 0	31
September	4 / 3	26 / 1	58 / 58	0 / 0	28
October	10 / 10	285 / 10	27 / 27	0 / 0	30
November	6 / 5	51 / 4	24 / 24	0 / 0	30
December	4 / 3	0 / 0	26 / 26	0 / 0	31
Year	55 / 44	632 / 28	271 / 264	0 / 0	360

¹ Number of observations; ² Number of files/passes

4.4.3 Daily number of Predictions (CPF) in 2012

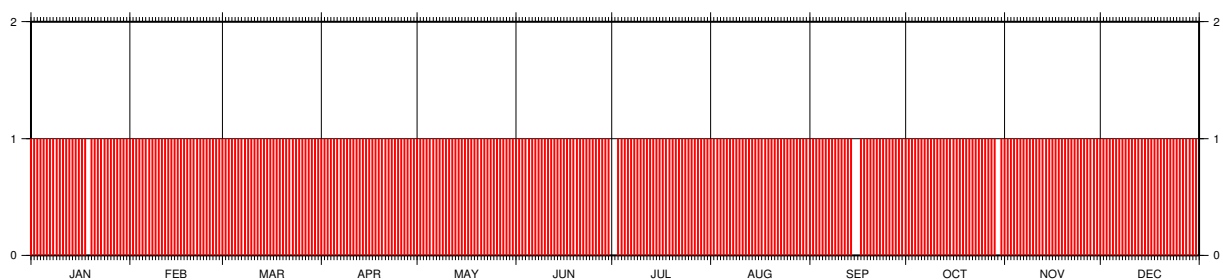


Figure 4.14: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.4.4 Daily number of Normal Points (CRD) in 2012

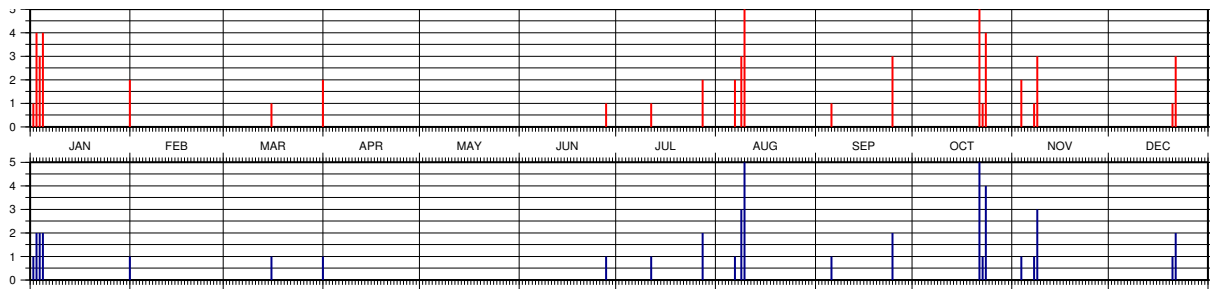


Figure 4.15: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.4.5 Daily number of Full-Rate data (CRD) in 2012

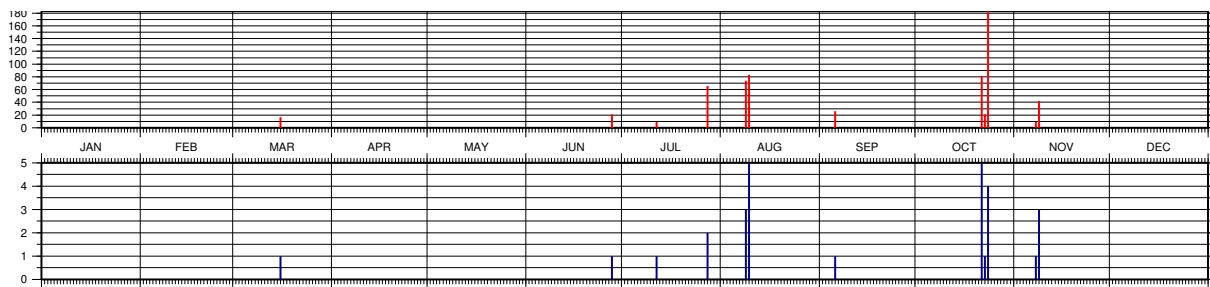


Figure 4.16: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.4.6 Daily number of Normal Points (CSTG) in 2012

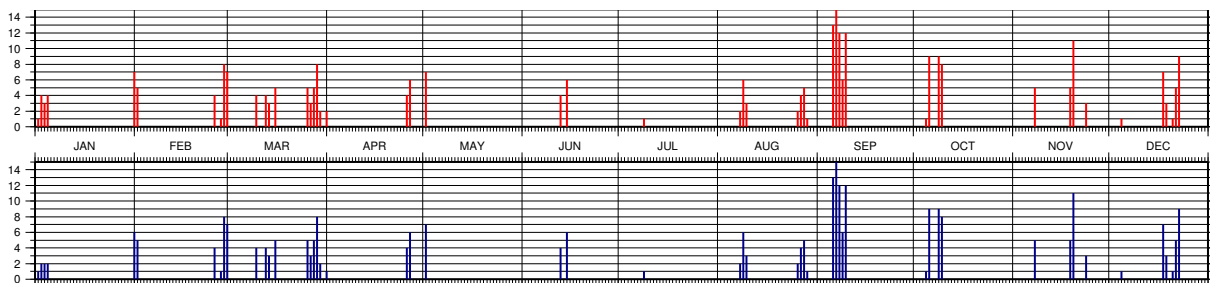


Figure 4.17: Daily number of Normal Points (CSTG) in 2012

4.4.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.4.8 Stations tracked Apollo-15 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Grasse, France (LLR) (78457801)	0 ¹ / 0 ²	0 / 0	254 / 254	0 / 0
Matera, Italy (MLRO) (79417701)	28 / 28	632 / 28	1 / 1	0 / 0
McDonald Observatory, Texas (70802419)	27 / 16	0 / 0	16 / 9	0 / 0

¹ Number of observations; ² Number of files/passes

4.5 Beacon-C (6503201)

4.5.1 Common Information

Official name:	beaconc
COSPAR ID:	6503201
SIC Code:	0317
NORAD ID:	1328
Launch Date:	1965-04-29

4.5.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	4749 ¹ / 254 ²	706961 / 87	9088 / 449	477159 / 82	62 ²
February	4787 / 303	2210442 / 167	7121 / 448	1948081 / 163	58
March	4867 / 302	795021 / 127	9184 / 508	676194 / 98	36
April	4211 / 273	628336 / 151	7496 / 421	474962 / 103	62
May	8179 / 496	1178509 / 146	6940 / 423	669944 / 86	61
June	7015 / 418	269720 / 153	751 / 56	169864 / 11	62
July	9036 / 528	1397316 / 241	1314 / 102	985924 / 34	60
August	8927 / 516	482699 / 134	245 / 19	9926 / 7	62
September	9772 / 557	1427750 / 200	193 / 16	0 / 0	63
October	8204 / 459	941593 / 126	26 / 2	8101 / 7	62
November	4651 / 310	1237406 / 124	0 / 0	0 / 0	54
December	5430 / 295	1119072 / 97	0 / 0	0 / 0	62
Year	79828 / 4711	12394825 / 1753	42358 / 2444	5420155 / 591	704

¹ Number of observations; ² Number of files/passes

4.5.3 Daily number of Predictions (CPF) in 2012

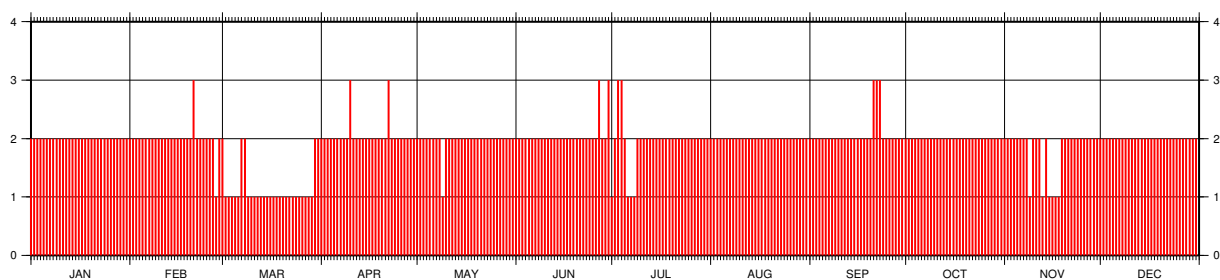


Figure 4.18: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.5.4 Daily number of Normal Points (CRD) in 2012

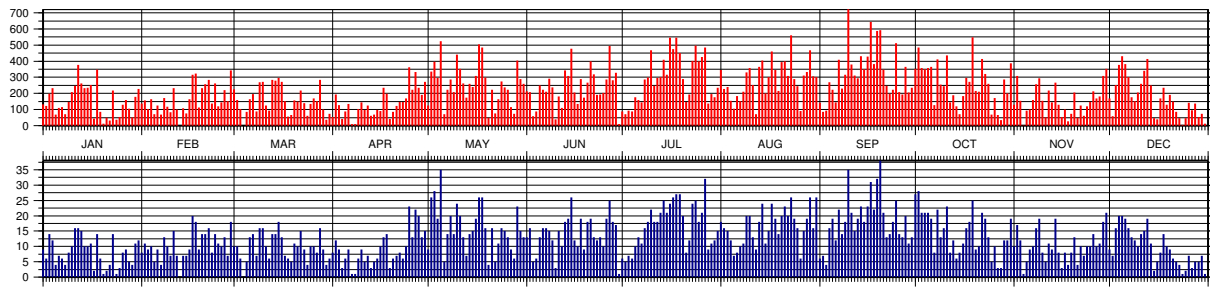


Figure 4.19: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.5.5 Daily number of Full-Rate data (CRD) in 2012

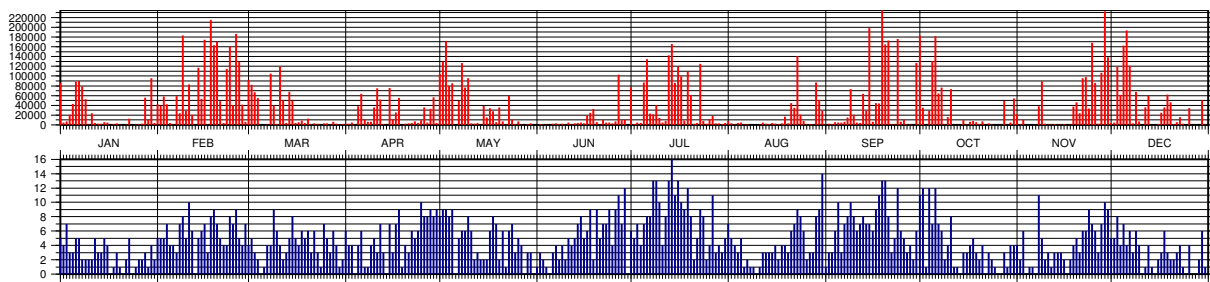


Figure 4.20: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.5.6 Daily number of Normal Points (CSTG) in 2012

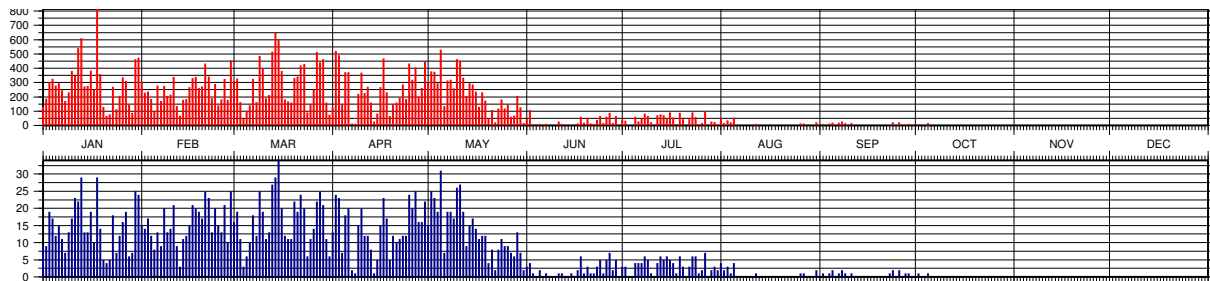


Figure 4.21: Daily number of Normal Points (CSTG) in 2012

4.5.7 Daily number of Full-Rate data (MERIT-II) in 2012

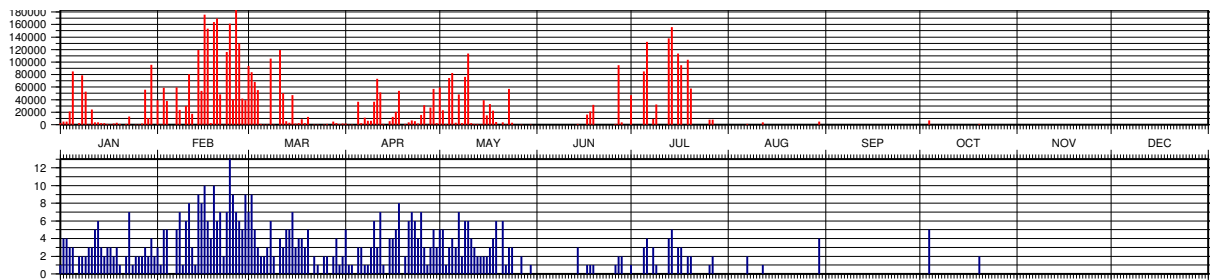


Figure 4.22: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.5.8 Stations tracked Beacon-C in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	4377 ¹ / 300 ²	0 / 0	758 / 64	0 / 0
Arkhyz, Russia (18869601)	222 / 27	0 / 0	43 / 4	0 / 0
Badary, Russia (18900901)	324 / 21	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	1736 / 131	0 / 0	662 / 36	0 / 0
Changchun, China (72371901)	5725 / 498	11284987 / 496	3270 / 271	5176015 / 229
Concepcion, Chile (74057904)	189 / 26	13748 / 26	124 / 16	7670 / 14
Golosiv, Ukraine (18248101)	494 / 63	4666 / 63	365 / 45	0 / 0
Graz, Austria (78393402)	6464 / 301	0 / 0	3257 / 153	0 / 0
Greenbelt, Maryland (71050725)	7158 / 292	0 / 0	5420 / 220	0 / 0
Haleakala, Hawaii (71191402)	4699 / 198	0 / 0	2556 / 112	0 / 0
Hartebeesthoek, South Africa (75010602)	529 / 69	0 / 0	307 / 31	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	99083 / 5	947 / 69	0 / 0
Katzively, Ukraine (18931801)	2648 / 155	43306 / 155	718 / 44	231 / 1
Koganei, Japan(CRL) (73085001)	1029 / 64	0 / 0	491 / 28	0 / 0
Kunming, China (78208201)	64 / 4	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	6694 / 428	443882 / 433	2413 / 148	158183 / 164
McDonald Observatory, Texas (70802419)	2905 / 199	0 / 0	1058 / 64	0 / 0
Monument Peak, California (71100412)	4818 / 190	0 / 0	3633 / 135	0 / 0
Potsdam, Germany (78418701)	2502 / 130	0 / 0	1177 / 63	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	52 / 6	1073 / 3
San Fernando, Spain (78244502)	3730 / 226	184922 / 226	2527 / 182	76983 / 180
San Juan, Argentina (74068801)	606 / 35	0 / 0	649 / 39	0 / 0
Shanghai, China (78212801)	1605 / 143	55421 / 2	703 / 52	0 / 0
Simeiz, Ukraine (18734901)	1141 / 80	10760 / 80	901 / 63	0 / 0
Simosato, Japan (78383603)	3173 / 118	0 / 0	1054 / 38	0 / 0
Tahiti, French Polynesia (71240802)	170 / 17	0 / 0	183 / 14	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	228 / 19	0 / 0
Wetzell, Germany (WLRS) (88341001)	6164 / 433	254050 / 267	3808 / 267	0 / 0
Yarragadee, Australia (70900513)	214 / 25	0 / 0	155 / 15	0 / 0
Zelenchukskya, Russia (18899901)	226 / 20	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	10095 / 511	0 / 0	4772 / 239	0 / 0

¹ Number of observations; ² Number of files/passes

4.6 Blits (0904907)

4.6.1 Common Information

Official name:	blits
COSPAR ID:	0904907
SIC Code:	5558
NORAD ID:	35871
Launch Date:	2009-09-17

4.6.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	1133 ¹ / 178 ²	32227 / 35	1808 / 275	21310 / 24	50 ²
February	984 / 158	40090 / 37	1497 / 234	25873 / 23	48
March	1431 / 212	46068 / 77	2099 / 307	31021 / 23	23
April	1024 / 185	38410 / 69	1658 / 269	29552 / 20	51
May	2052 / 337	74378 / 76	1505 / 253	53899 / 17	51
June	1512 / 236	33601 / 54	251 / 47	16324 / 6	49
July	2041 / 317	105835 / 76	218 / 50	85844 / 11	53
August	2159 / 344	60399 / 89	184 / 37	4539 / 4	53
September	2199 / 346	106240 / 86	182 / 31	0 / 0	54
October	1773 / 299	169601 / 59	150 / 27	80 / 1	54
November	1110 / 176	83159 / 54	57 / 12	0 / 0	50
December	1118 / 169	85369 / 59	173 / 24	0 / 0	51
Year	18536 / 2957	875377 / 771	9782 / 1566	268442 / 129	587

¹ Number of observations; ² Number of files/passes

4.6.3 Daily number of Predictions (CPF) in 2012

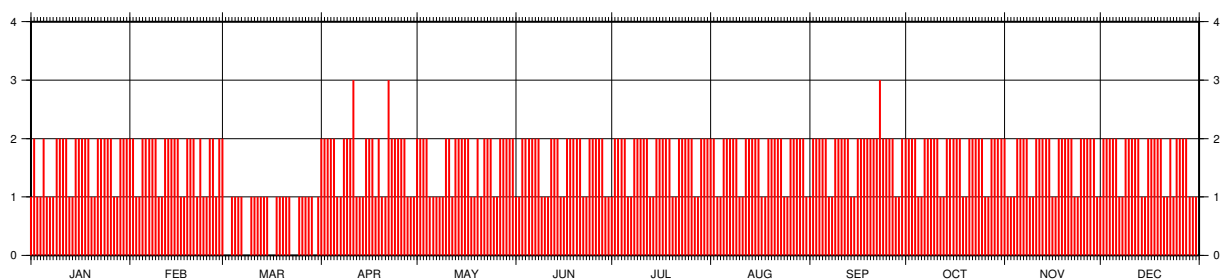


Figure 4.23: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.6.4 Daily number of Normal Points (CRD) in 2012

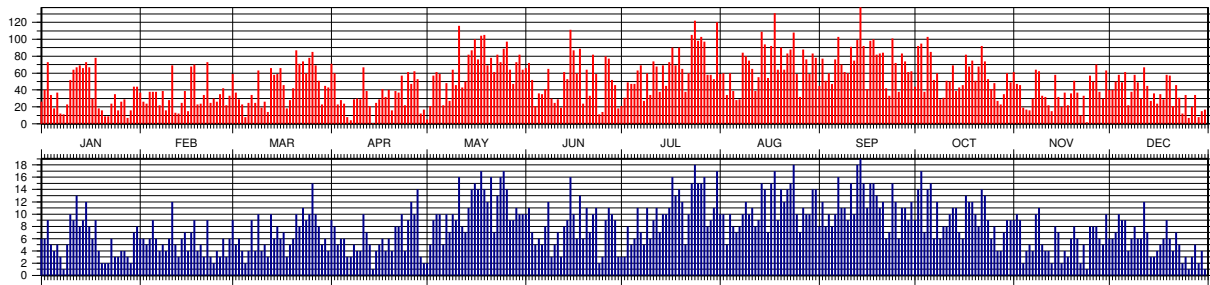


Figure 4.24: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.6.5 Daily number of Full-Rate data (CRD) in 2012

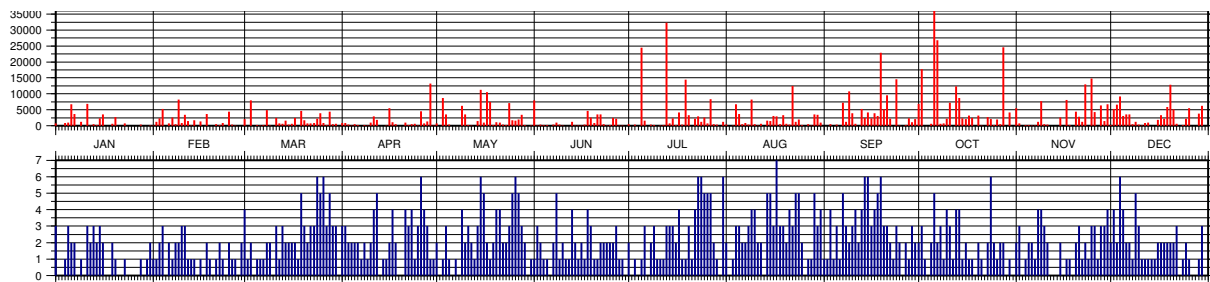


Figure 4.25: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.6.6 Daily number of Normal Points (CSTG) in 2012

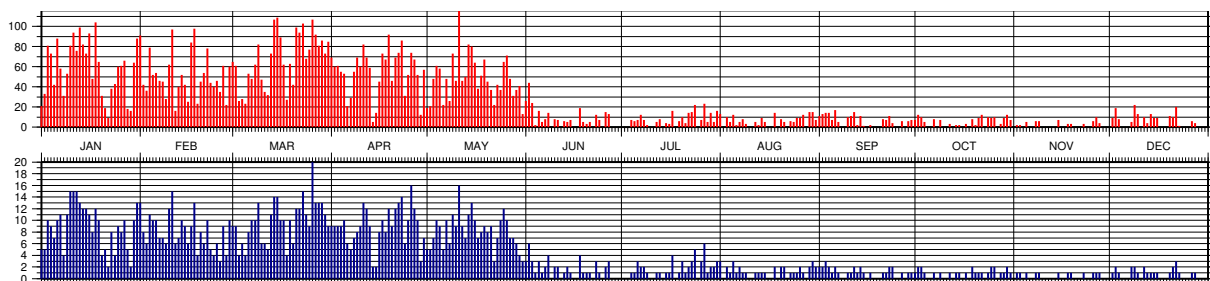


Figure 4.26: Daily number of Normal Points (CSTG) in 2012

4.6.7 Daily number of Full-Rate data (MERIT-II) in 2012

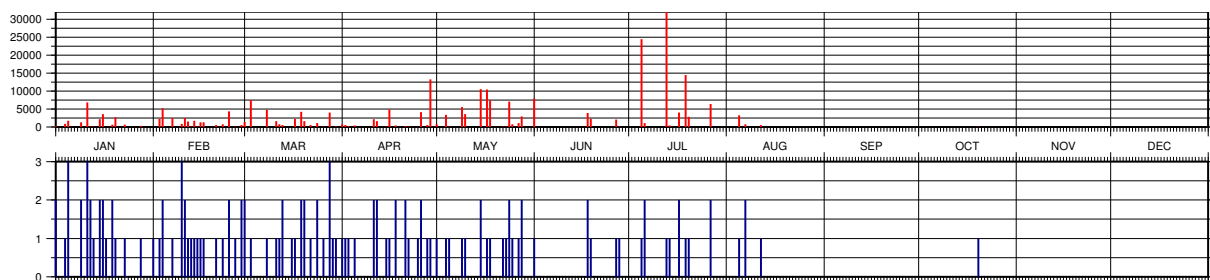


Figure 4.27: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.6.8 Stations tracked Blits in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	456 ¹ / 76 ²	0 / 0	71 / 10	0 / 0
Arequipa, Peru (74031306)	190 / 57	0 / 0	22 / 8	0 / 0
Arkhyz, Russia (18869601)	17 / 7	0 / 0	3 / 1	0 / 0
Badary, Russia (18900901)	327 / 57	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	364 / 74	0 / 0	97 / 21	0 / 0
Beijing, China (72496102)	185 / 59	0 / 0	88 / 23	0 / 0
Changchun, China (72371901)	1122 / 236	749834 / 234	557 / 116	265393 / 93
Concepcion, Chile (74057904)	26 / 9	795 / 9	9 / 4	76 / 1
Golosiiv, Ukraine (18248101)	27 / 9	120 / 9	19 / 6	0 / 0
Grasse, France (LLR) (78457801)	242 / 27	7536 / 27	57 / 7	0 / 0
Graz, Austria (78393402)	1444 / 209	0 / 0	751 / 110	0 / 0
Greenbelt, Maryland (71050725)	876 / 116	0 / 0	745 / 106	0 / 0
Haleakala, Hawaii (71191402)	399 / 76	0 / 0	200 / 40	0 / 0
Hartebeesthoek, South Africa (75010602)	618 / 101	0 / 0	211 / 28	0 / 0
Herstmonceux, United Kingdom (78403501)	1464 / 207	45088 / 160	787 / 107	0 / 0
Katzively, Ukraine (18931801)	286 / 53	1846 / 53	75 / 13	0 / 0
Koganei, Japan(CRL) (73085001)	17 / 3	0 / 0	4 / 1	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	40 / 7	0 / 0	27 / 3	0 / 0
Kunming, China (78208201)	26 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	456 / 101	13888 / 99	126 / 30	2945 / 33
McDonald Observatory, Texas (70802419)	2 / 1	0 / 0	11 / 5	0 / 0
Monument Peak, California (71100412)	962 / 115	0 / 0	656 / 74	0 / 0
Mt Stromlo, Australia (78259001)	959 / 195	0 / 0	959 / 195	0 / 0
Potsdam, Germany (78418701)	703 / 103	38788 / 28	310 / 46	0 / 0
Riga, Latvia (18844401)	26 / 7	0 / 0	26 / 7	0 / 0
San Fernando, Spain (78244502)	9 / 4	137 / 4	6 / 3	28 / 2
San Juan, Argentina (74068801)	468 / 67	2393 / 46	489 / 70	0 / 0
Shanghai, China (78212801)	154 / 41	0 / 0	56 / 15	0 / 0
Simeiz, Ukraine (18734901)	102 / 18	734 / 18	102 / 18	0 / 0
Simosato, Japan (78383603)	54 / 6	0 / 0	0 / 0	0 / 0
Svetloe, Russia (18889801)	11 / 5	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	136 / 29	0 / 0	89 / 18	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	11 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	504 / 114	14218 / 84	381 / 86	0 / 0
Yarragadee, Australia (70900513)	2524 / 356	0 / 0	1119 / 184	0 / 0
Zelenchukskya, Russia (18899901)	39 / 7	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Zimmerwald, Switzerland (78106801)	3271 ¹ / 399 ²	0 / 0	1688 / 203	0 / 0

¹ Number of observations; ² Number of files/passes

4.7 Compass-G1 (1000101)

4.7.1 Common Information

Official name:	compassg1
COSPAR ID:	1000101
SIC Code:	2002
NORAD ID:	36287
Launch Date:	2010-01-17

4.7.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	8 / 2	831 / 1	10 / 2	831 / 1	3
May	69 / 20	81 / 1	63 / 14	81 / 1	10
June	41 / 11	843 / 3	23 / 5	1019 / 2	10
July	205 / 32	47533 / 9	113 / 11	29339 / 9	12
August	169 / 35	35064 / 23	28 / 6	1169 / 3	13
September	74 / 16	10199 / 10	8 / 2	0 / 0	10
October	153 / 17	67060 / 13	0 / 0	0 / 0	10
November	75 / 17	25400 / 12	0 / 0	0 / 0	10
December	57 / 8	26263 / 6	0 / 0	0 / 0	10
Year	851 / 158	213274 / 78	245 / 40	32439 / 16	88

¹ Number of observations; ² Number of files/passes

4.7.3 Daily number of Predictions (CPF) in 2012

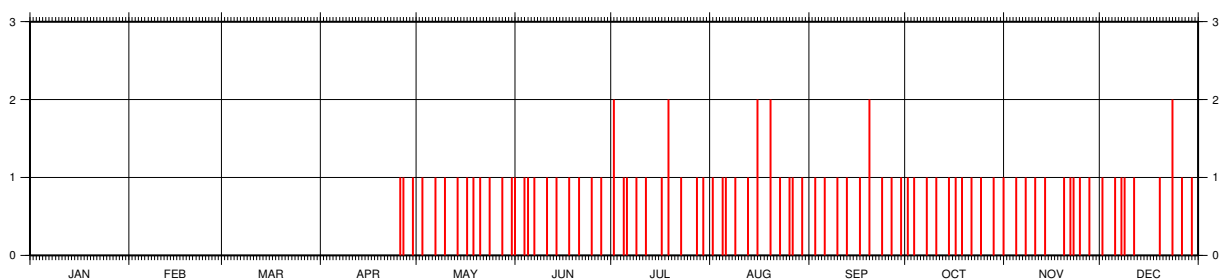


Figure 4.28: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.7.4 Daily number of Normal Points (CRD) in 2012

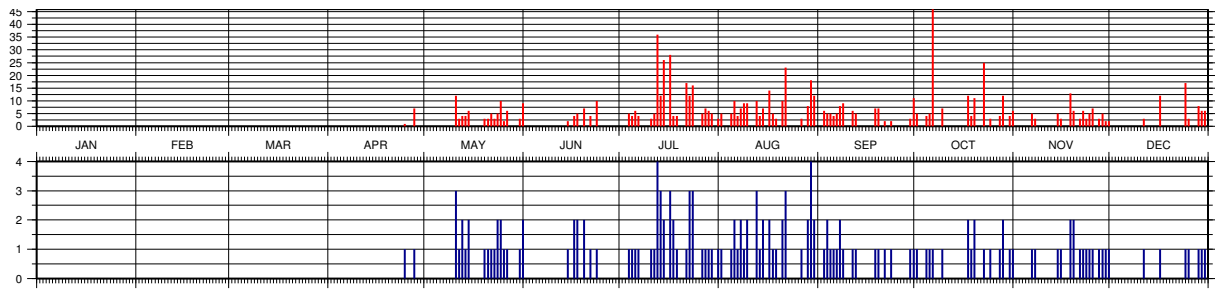


Figure 4.29: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.7.5 Daily number of Full-Rate data (CRD) in 2012

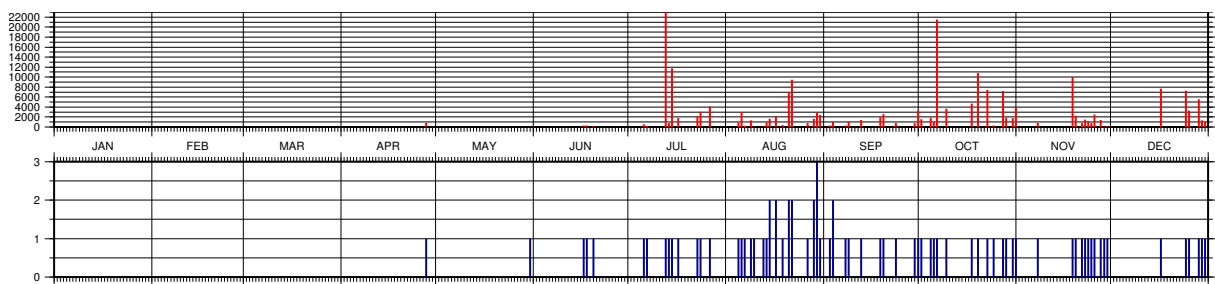


Figure 4.30: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.7.6 Daily number of Normal Points (CSTG) in 2012

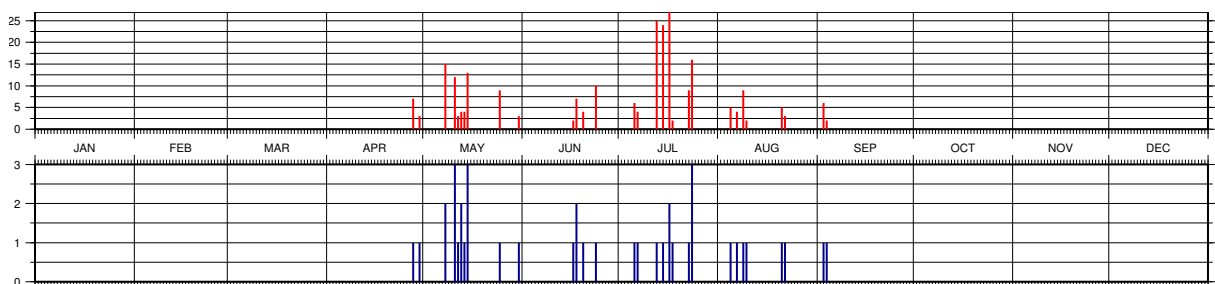


Figure 4.31: Daily number of Normal Points (CSTG) in 2012

4.7.7 Daily number of Full-Rate data (MERIT-II) in 2012

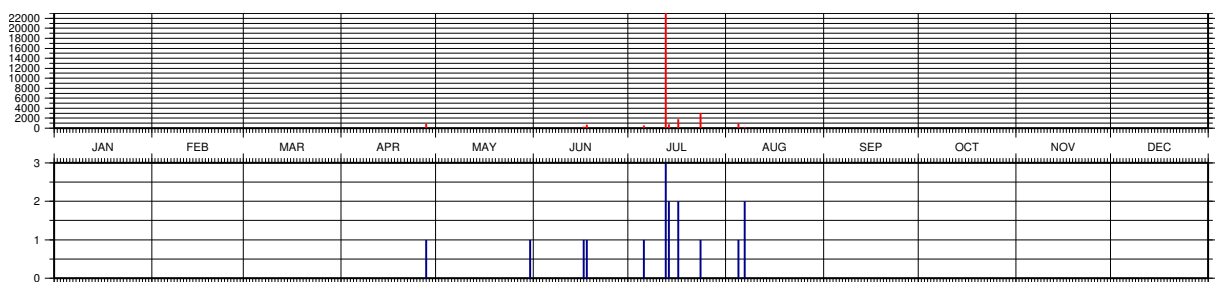


Figure 4.32: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.7.8 Stations tracked Compass-G1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beijing, China (72496102)	19 ¹ / 4 ²	0 / 0	9 / 1	0 / 0
Changchun, China (72371901)	491 / 70	203347 / 70	139 / 17	32439 / 16
Koganei, Japan(CRL) (73085001)	14 / 3	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	42 / 9	635 / 4	42 / 9	0 / 0
San Juan, Argentina (74068801)	0 / 0	0 / 0	22 / 3	0 / 0
Shanghai, China (78212801)	74 / 11	9292 / 4	8 / 1	0 / 0
Yarragadee, Australia (70900513)	211 / 61	0 / 0	25 / 9	0 / 0

¹ Number of observations; ² Number of files/passes

4.8 Compass-I3 (1101301)

4.8.1 Common Information

Official name:	compassi3
COSPAR ID:	1101301
SIC Code:	2003
NORAD ID:	37384
Launch Date:	2011-04-10

4.8.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	16 / 3	1720 / 1	19 / 3	1720 / 2	3
May	213 / 40	10309 / 7	151 / 27	8144 / 7	9
June	157 / 33	5378 / 6	76 / 12	5304 / 4	10
July	198 / 48	42142 / 9	52 / 10	28737 / 7	13
August	186 / 40	24655 / 15	13 / 4	4471 / 4	12
September	105 / 29	6311 / 7	0 / 0	0 / 0	10
October	123 / 30	16079 / 7	0 / 0	0 / 0	9
November	114 / 26	7907 / 7	0 / 0	0 / 0	10
December	91 / 24	12564 / 13	0 / 0	0 / 0	9
Year	1203 / 273	127065 / 72	311 / 56	48376 / 24	85

¹ Number of observations; ² Number of files/passes

4.8.3 Daily number of Predictions (CPF) in 2012

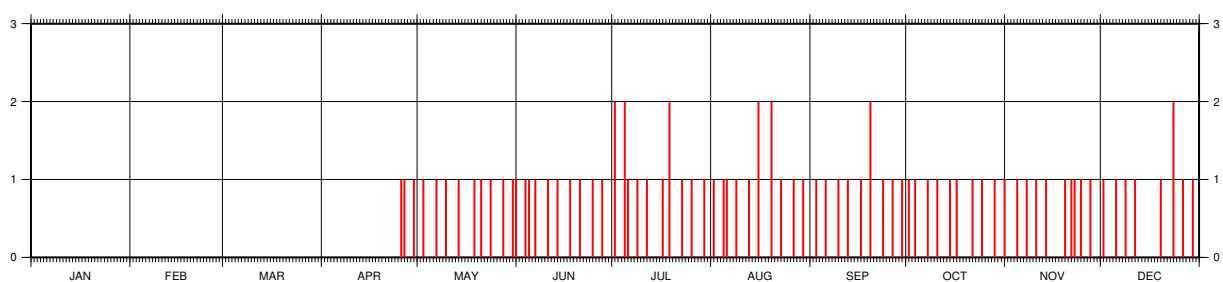


Figure 4.33: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.8.4 Daily number of Normal Points (CRD) in 2012

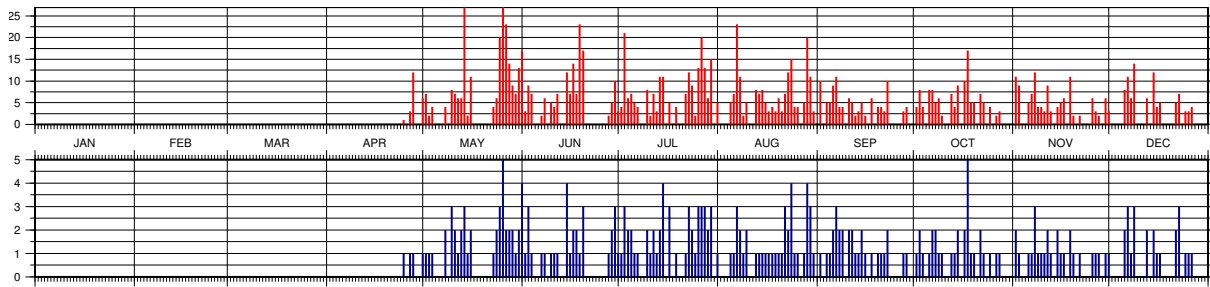


Figure 4.34: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.8.5 Daily number of Full-Rate data (CRD) in 2012

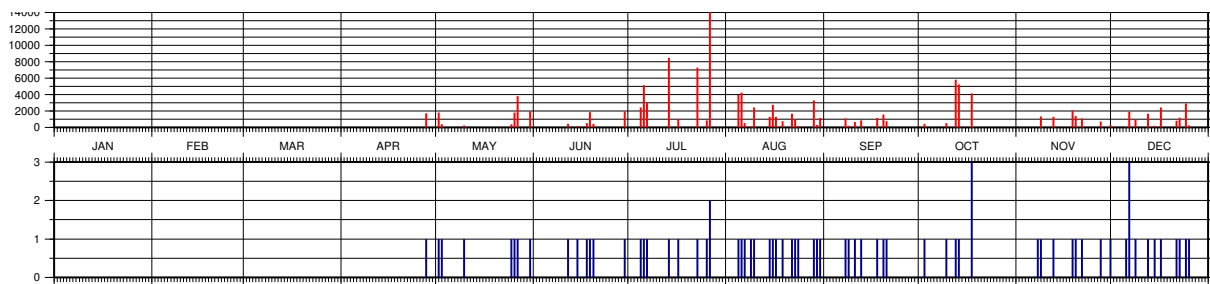


Figure 4.35: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.8.6 Daily number of Normal Points (CSTG) in 2012

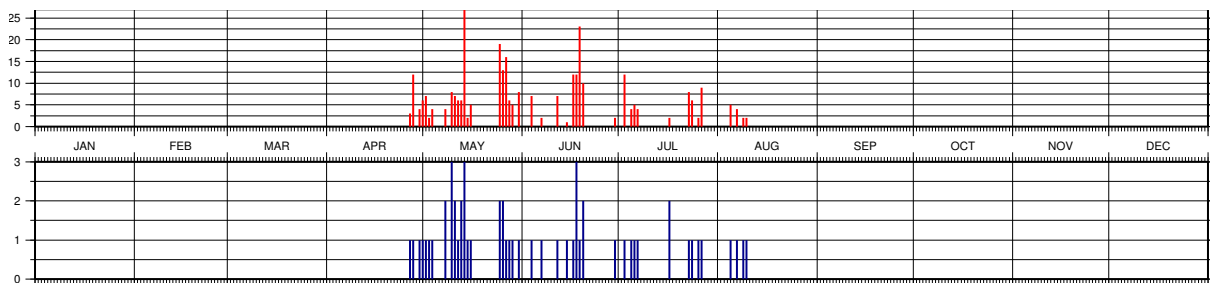


Figure 4.36: Daily number of Normal Points (CSTG) in 2012

4.8.7 Daily number of Full-Rate data (MERIT-II) in 2012

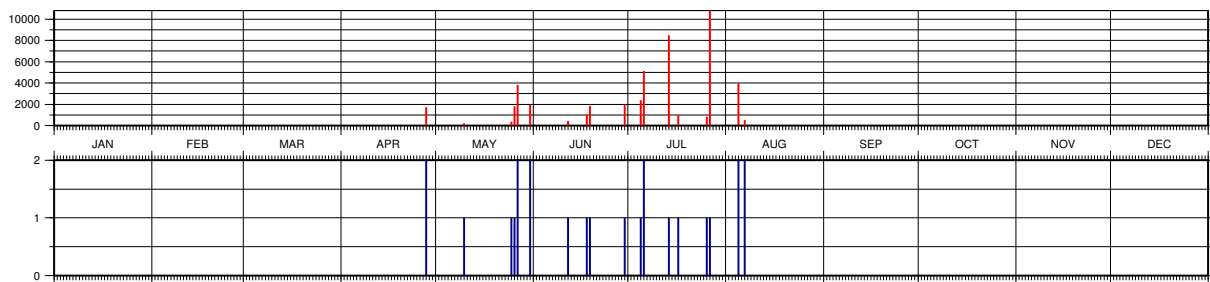


Figure 4.37: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.8.8 Stations tracked Compass-I3 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beijing, China (72496102)	66 ¹ / 12 ²	0 / 0	13 / 1	0 / 0
Changchun, China (72371901)	236 / 56	106590 / 56	145 / 25	48376 / 24
Grasse, France (LLR) (78457801)	15 / 3	759 / 3	0 / 0	0 / 0
Graz, Austria (78393402)	16 / 4	0 / 0	0 / 0	0 / 0
Koganei, Japan(CRL) (73085001)	15 / 3	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	78 / 12	0 / 0	78 / 12	0 / 0
Shanghai, China (78212801)	73 / 15	4988 / 2	33 / 6	0 / 0
Wetzell, Germany (WLRS) (88341001)	47 / 12	14728 / 11	0 / 0	0 / 0
Yarragadee, Australia (70900513)	657 / 156	0 / 0	42 / 12	0 / 0

¹ Number of observations; ² Number of files/passes

4.9 Compass-I4 (1103801)

4.9.1 Common Information

Official name:	compassi4
COSPAR ID:	1103801
SIC Code:	2009
NORAD ID:	37763
Launch Date:	—

4.9.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	7 / 2	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	7 / 2	0 / 0	0 / 0	0 / 0	0

¹ Number of observations; ² Number of files/passes

4.9.3 Daily number of Predictions (CPF) in 2012

No data available in 2012!

4.9.4 Daily number of Normal Points (CRD) in 2012

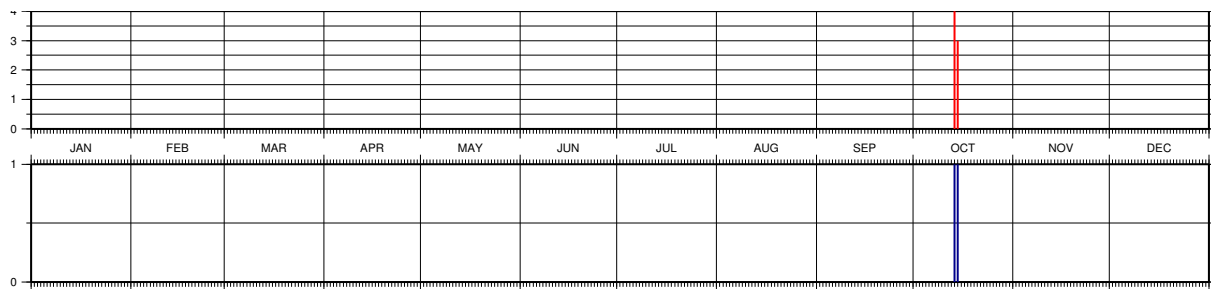


Figure 4.38: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.9.5 Daily number of Full-Rate data (CRD) in 2012

No data available in 2012!

4.9.6 Daily number of Normal Points (CSTG) in 2012

No data available in 2012!

4.9.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.9.8 Stations tracked Compass-I4 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Shanghai, China (78212801)	7 ¹ / 2 ²	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.10 Compass-I5 (1107301)

4.10.1 Common Information

Official name:	compassi5
COSPAR ID:	1107301
SIC Code:	2005
NORAD ID:	37948
Launch Date:	2011-12-01

4.10.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	1
July	259 / 65	60431 / 33	36 / 4	2030 / 1	12
August	289 / 66	109122 / 48	1 / 1	0 / 0	13
September	298 / 63	42558 / 42	26 / 1	0 / 0	11
October	505 / 78	169240 / 62	0 / 0	1963 / 1	9
November	170 / 39	21758 / 23	0 / 0	0 / 0	10
December	88 / 20	19224 / 13	0 / 0	0 / 0	8
Year	1609 / 331	422333 / 221	63 / 6	3993 / 2	64

¹ Number of observations; ² Number of files/passes

4.10.3 Daily number of Predictions (CPF) in 2012

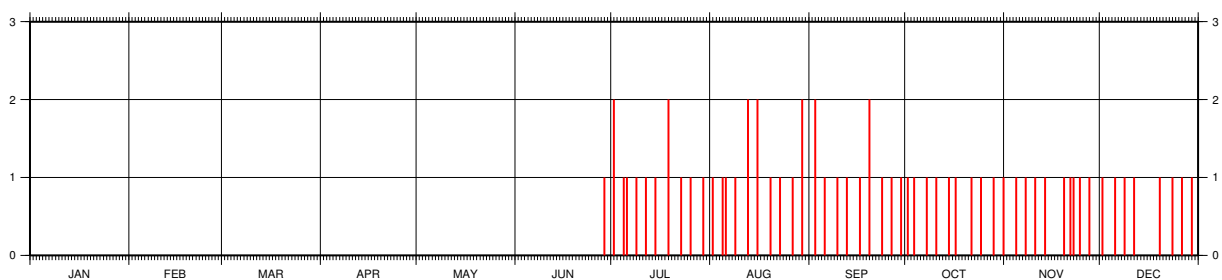


Figure 4.39: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.10.4 Daily number of Normal Points (CRD) in 2012

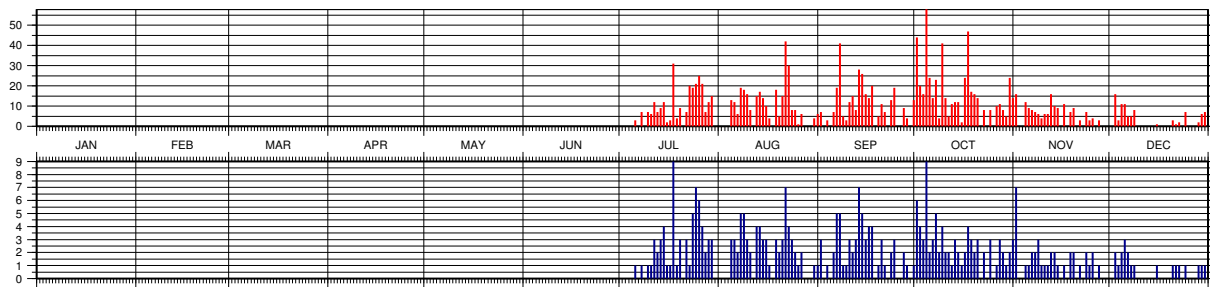


Figure 4.40: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.10.5 Daily number of Full-Rate data (CRD) in 2012

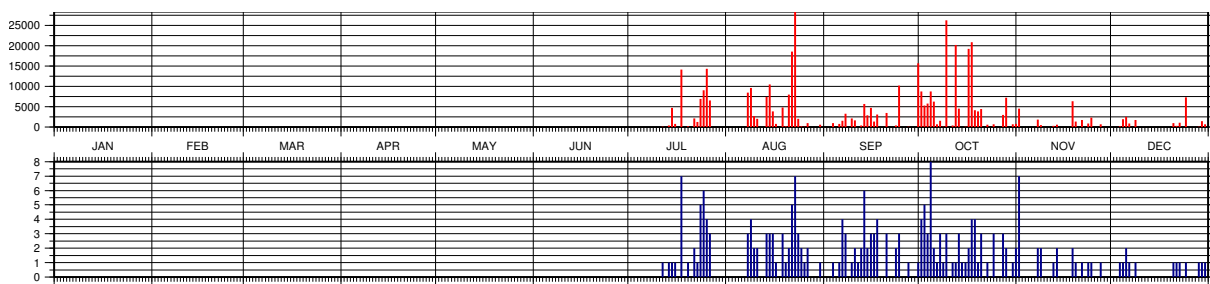


Figure 4.41: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.10.6 Daily number of Normal Points (CSTG) in 2012

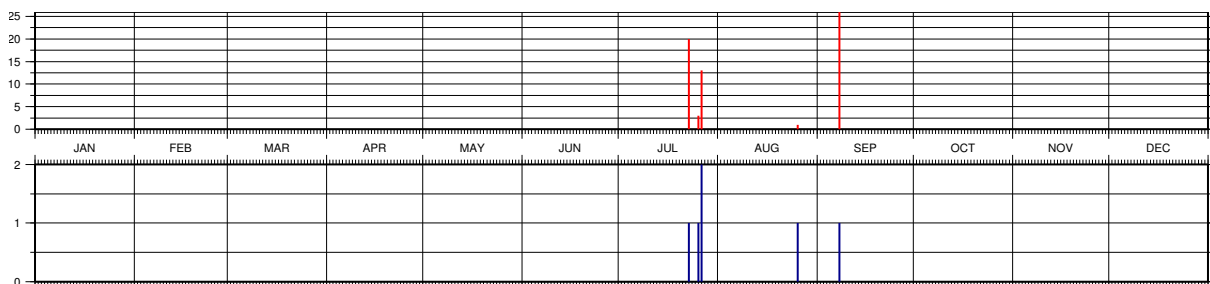


Figure 4.42: Daily number of Normal Points (CSTG) in 2012

4.10.7 Daily number of Full-Rate data (MERIT-II) in 2012

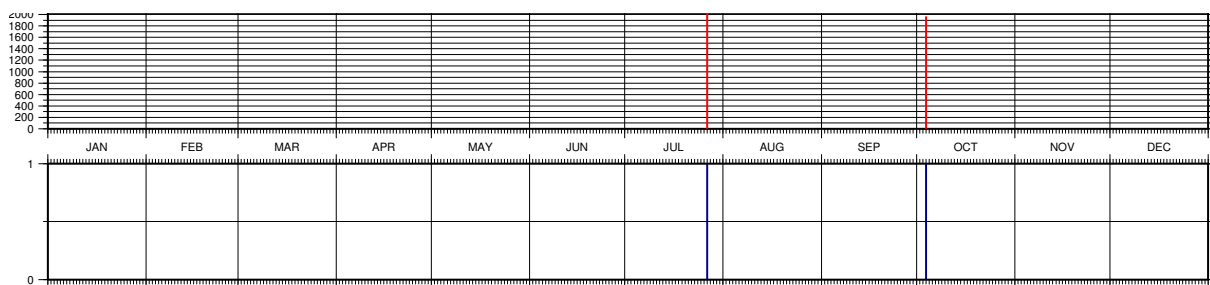


Figure 4.43: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.10.8 Stations tracked Compass-I5 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beijing, China (72496102)	95 ¹ / 10 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	341 / 51	212621 / 49	8 / 1	2030 / 1
Grasse, France (LLR) (78457801)	94 / 25	15154 / 25	0 / 0	0 / 0
Graz, Austria (78393402)	48 / 6	0 / 0	0 / 0	0 / 0
Katzively, Ukraine (18931801)	50 / 7	240 / 7	0 / 0	0 / 0
Koganei, Japan(CRL) (73085001)	5 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	364 / 97	151978 / 101	0 / 0	1963 / 1
Mt Stromlo, Australia (78259001)	1 / 1	51 / 1	1 / 1	0 / 0
Shanghai, China (78212801)	39 / 8	3058 / 1	0 / 0	0 / 0
Simeiz, Ukraine (18734901)	21 / 2	52 / 2	26 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	151 / 32	39179 / 35	28 / 3	0 / 0
Yarragadee, Australia (70900513)	344 / 84	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	56 / 7	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.11 Compass-M1 (0701101)

4.11.1 Common Information

Official name:	compassm1
COSPAR ID:	0701101
SIC Code:	2001
NORAD ID:	31115
Launch Date:	—

4.11.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	384 ¹ / 78 ²	26478 / 41	562 / 130	20508 / 30	36 ²
February	425 / 87	36753 / 45	598 / 144	30303 / 28	29
March	277 / 61	19154 / 36	377 / 90	14722 / 12	22
April	294 / 54	95716 / 45	512 / 118	84607 / 16	60
May	722 / 170	57625 / 45	526 / 118	19887 / 8	61
June	432 / 112	53166 / 40	136 / 30	0 / 0	62
July	0 / 0	0 / 0	0 / 0	0 / 0	10
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	2534 / 562	288892 / 252	2711 / 630	170027 / 94	280

¹ Number of observations; ² Number of files/passes

4.11.3 Daily number of Predictions (CPF) in 2012

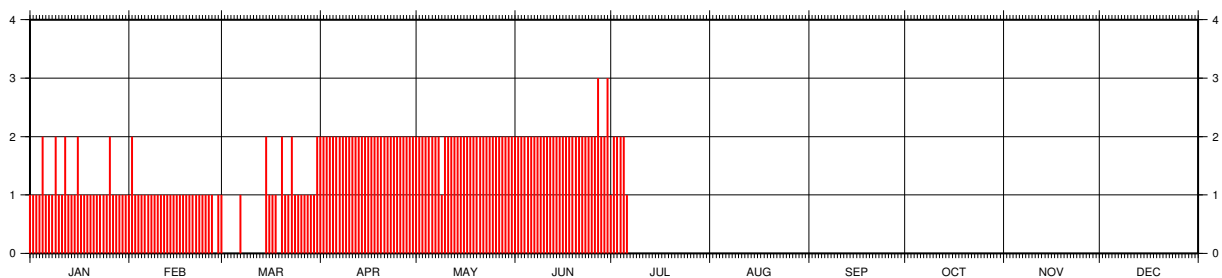


Figure 4.44: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.11.4 Daily number of Normal Points (CRD) in 2012

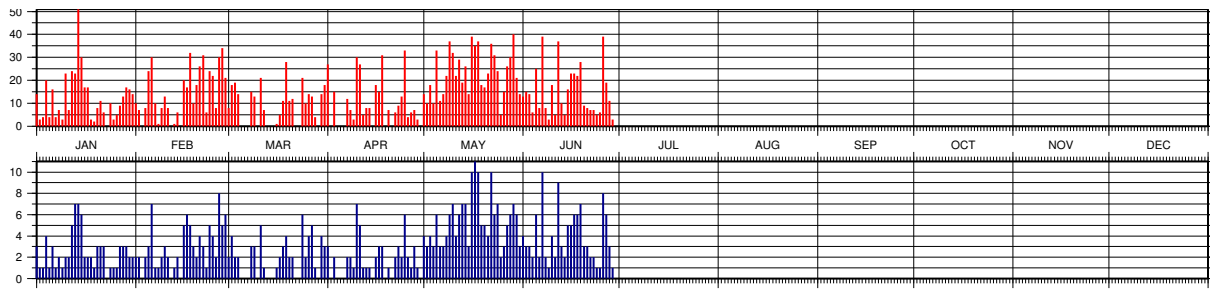


Figure 4.45: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.11.5 Daily number of Full-Rate data (CRD) in 2012

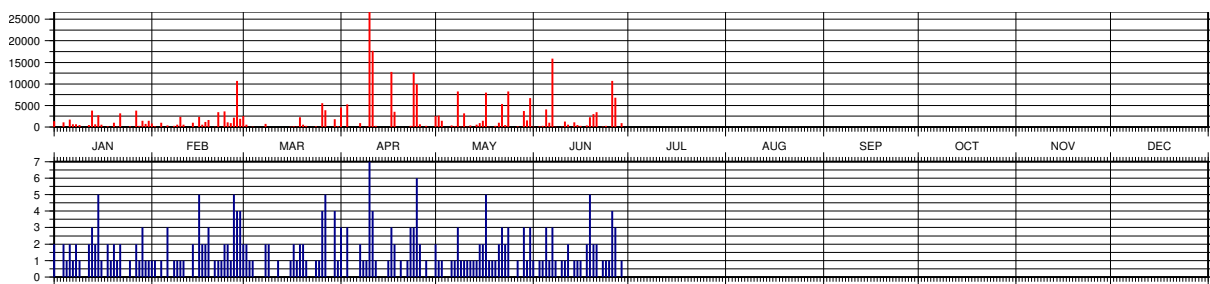


Figure 4.46: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.11.6 Daily number of Normal Points (CSTG) in 2012

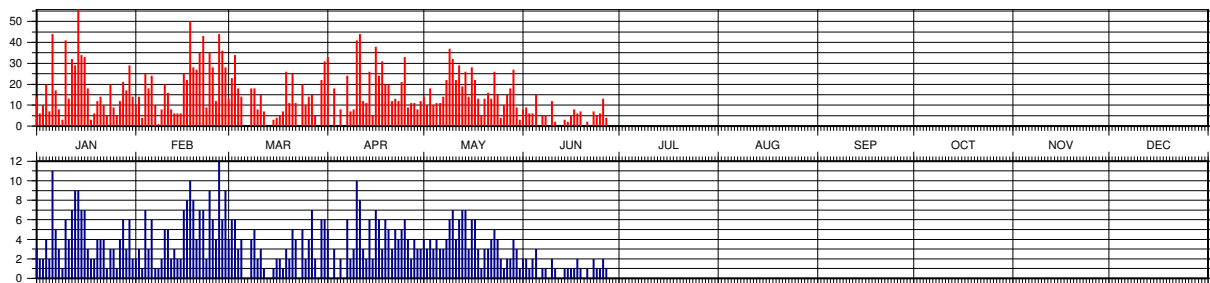


Figure 4.47: Daily number of Normal Points (CSTG) in 2012

4.11.7 Daily number of Full-Rate data (MERIT-II) in 2012

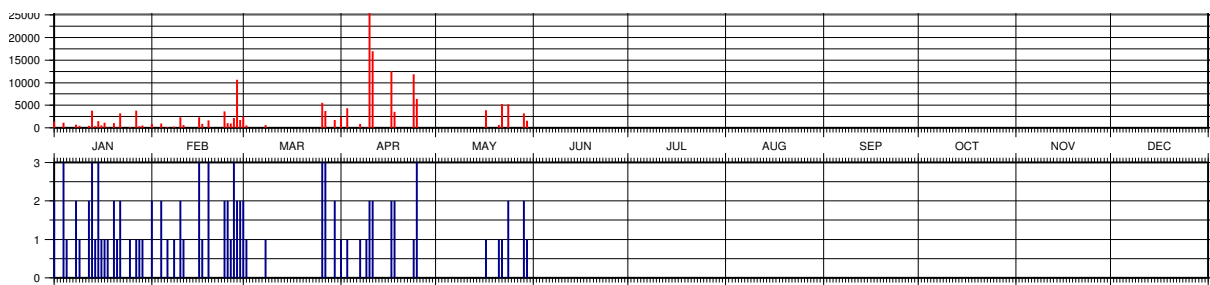


Figure 4.48: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.11.8 Stations tracked Compass-M1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Badary, Russia (18900901)	6 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	13 / 5	0 / 0	11 / 3	0 / 0
Changchun, China (72371901)	103 / 27	19379 / 25	121 / 30	17082 / 28
Concepcion, Chile (74057904)	34 / 6	9460 / 6	34 / 6	8034 / 5
Golosiiv, Ukraine (18248101)	4 / 2	11 / 2	4 / 2	0 / 0
Grasse, France (LLR) (78457801)	53 / 15	10736 / 15	54 / 16	0 / 0
Graz, Austria (78393402)	125 / 20	0 / 0	117 / 17	0 / 0
Greenbelt, Maryland (71050725)	19 / 5	0 / 0	177 / 57	0 / 0
Hartebeesthoek, South Africa (75010602)	116 / 32	0 / 0	73 / 18	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	1330 / 4	107 / 30	0 / 0
Katzively, Ukraine (18931801)	104 / 14	975 / 14	104 / 14	285 / 3
Koganei, Japan(CRL) (73085001)	49 / 9	0 / 0	49 / 9	0 / 0
Matera, Italy (MLRO) (79417701)	365 / 97	192875 / 97	280 / 77	144626 / 58
McDonald Observatory, Texas (70802419)	47 / 12	0 / 0	47 / 12	0 / 0
Monument Peak, California (71100412)	46 / 14	0 / 0	98 / 29	0 / 0
Mt Stromlo, Australia (78259001)	175 / 26	0 / 0	151 / 23	0 / 0
San Juan, Argentina (74068801)	293 / 53	5437 / 45	312 / 56	0 / 0
Shanghai, China (78212801)	58 / 12	0 / 0	58 / 12	0 / 0
Svetloe, Russia (18889801)	7 / 2	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	52 / 15	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	159 / 39	48689 / 44	159 / 39	0 / 0
Yarragadee, Australia (70900513)	251 / 73	0 / 0	384 / 122	0 / 0
Zelenchukskya, Russia (18899901)	52 / 12	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	392 / 67	0 / 0	360 / 55	0 / 0

¹ Number of observations; ² Number of files/passes

4.12 Compass-M3 (1201801)

4.12.1 Common Information

Official name:	compassm3
COSPAR ID:	1201801
SIC Code:	2004
NORAD ID:	38250
Launch Date:	2012-04-29

4.12.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	202 / 53	79000 / 23	80 / 15	20456 / 3	9
August	395 / 81	57608 / 52	65 / 13	4494 / 2	25
September	355 / 92	83548 / 58	39 / 10	0 / 0	24
October	371 / 102	87241 / 72	65 / 15	4777 / 5	30
November	168 / 43	27954 / 28	41 / 8	0 / 0	17
December	165 / 45	21611 / 21	39 / 8	0 / 0	9
Year	1656 / 416	356962 / 254	329 / 69	29727 / 10	114

¹ Number of observations; ² Number of files/passes

4.12.3 Daily number of Predictions (CPF) in 2012

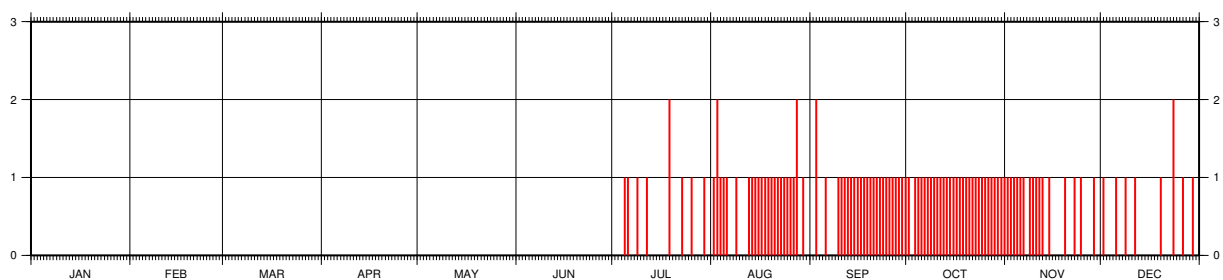


Figure 4.49: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.12.4 Daily number of Normal Points (CRD) in 2012

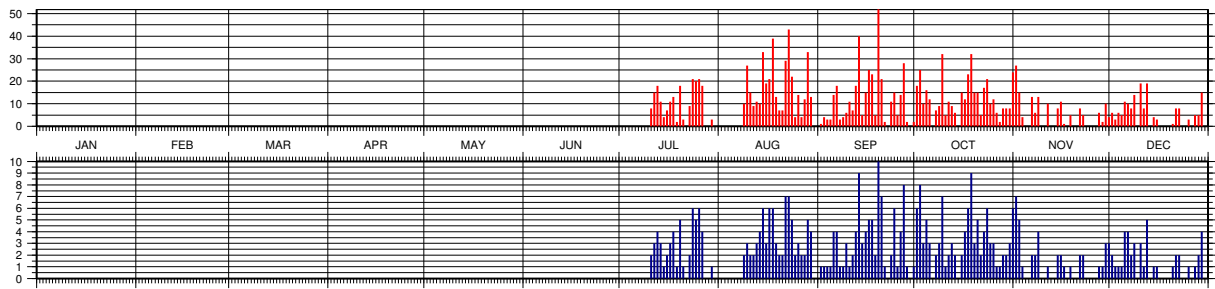


Figure 4.50: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.12.5 Daily number of Full-Rate data (CRD) in 2012

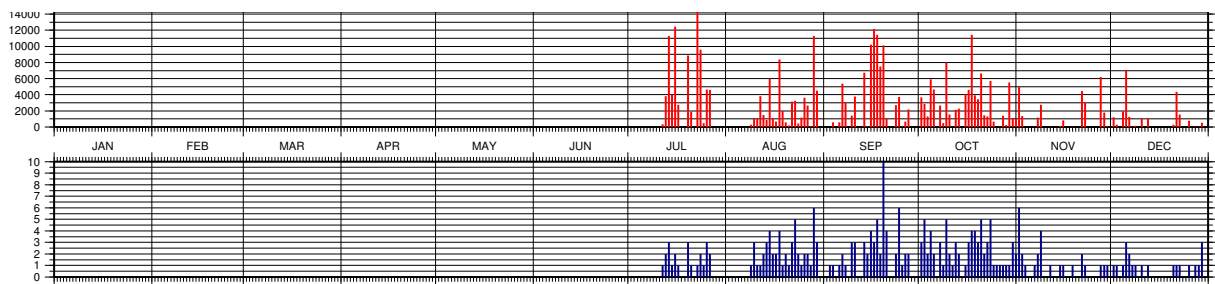


Figure 4.51: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.12.6 Daily number of Normal Points (CSTG) in 2012

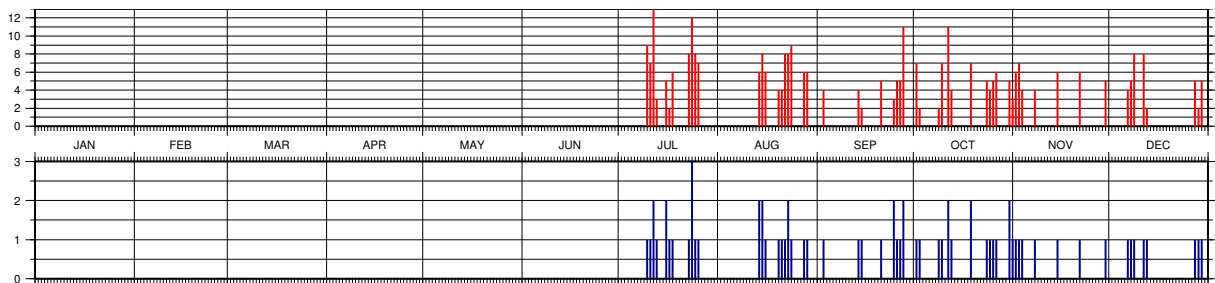


Figure 4.52: Daily number of Normal Points (CSTG) in 2012

4.12.7 Daily number of Full-Rate data (MERIT-II) in 2012

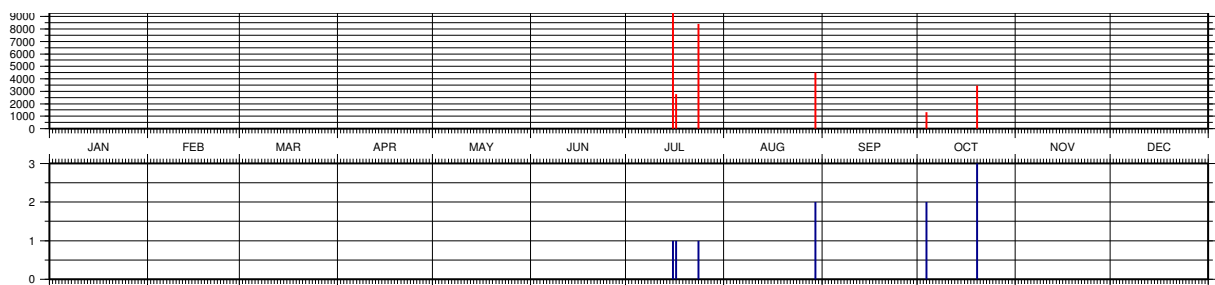


Figure 4.53: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.12.8 Stations tracked Compass-M3 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beijing, China (72496102)	8 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	121 / 37	113534 / 36	17 / 4	20456 / 3
Golosiiv, Ukraine (18248101)	4 / 1	37 / 1	0 / 0	0 / 0
Grasse, France (LLR) (78457801)	81 / 23	15117 / 23	0 / 0	0 / 0
Graz, Austria (78393402)	95 / 21	0 / 0	0 / 0	0 / 0
Greenbelt, Maryland (71050725)	98 / 25	0 / 0	0 / 0	0 / 0
Hartebeesthoek, South Africa (75010602)	8 / 2	0 / 0	0 / 0	0 / 0
Katziyely, Ukraine (18931801)	41 / 6	464 / 6	0 / 0	0 / 0
Koganei, Japan(CRL) (73085001)	6 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	228 / 65	98029 / 67	0 / 0	9271 / 7
McDonald Observatory, Texas (70802419)	3 / 1	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	46 / 21	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	89 / 20	0 / 0	75 / 18	0 / 0
Potsdam, Germany (78418701)	9 / 1	0 / 0	0 / 0	0 / 0
San Juan, Argentina (74068801)	216 / 43	4625 / 42	230 / 45	0 / 0
Shanghai, China (78212801)	15 / 6	0 / 0	4 / 1	0 / 0
Simosato, Japan (78383603)	37 / 5	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	17 / 5	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	166 / 42	83221 / 59	3 / 1	0 / 0
Yarragadee, Australia (70900513)	205 / 59	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	163 / 30	41935 / 20	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.13 Cryosat-2 (1001301)

4.13.1 Common Information

Official name:	cryosat2
COSPAR ID:	1001301
SIC Code:	8006
NORAD ID:	36508
Launch Date:	2010-04-08

4.13.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	2733 ¹ / 204 ²	201121 / 68	5110 / 366	173948 / 52	62 ²
February	2618 / 199	449361 / 94	4720 / 342	398660 / 66	57
March	3804 / 280	283525 / 131	6659 / 462	197215 / 66	35
April	1682 / 144	51492 / 76	3833 / 293	29366 / 27	62
May	4920 / 343	109938 / 89	3562 / 252	28464 / 24	62
June	5178 / 375	241561 / 146	858 / 72	152679 / 12	61
July	7208 / 533	401241 / 174	1355 / 128	252510 / 15	62
August	6907 / 523	583563 / 150	860 / 73	75484 / 5	64
September	6630 / 433	509228 / 103	700 / 49	0 / 0	64
October	5306 / 406	614410 / 94	163 / 15	1674 / 1	63
November	3688 / 289	543588 / 99	311 / 23	0 / 0	62
December	3552 / 261	716691 / 113	321 / 26	0 / 0	64
Year	54226 / 3990	4705719 / 1337	28452 / 2101	1310000 / 268	718

¹ Number of observations; ² Number of files/passes

4.13.3 Daily number of Predictions (CPF) in 2012

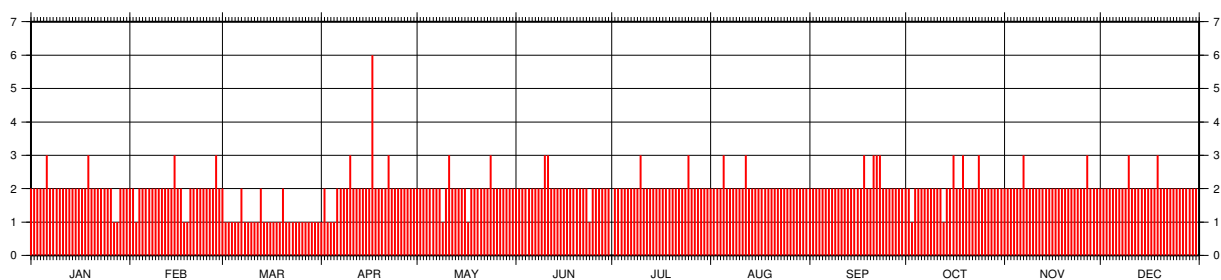


Figure 4.54: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.13.4 Daily number of Normal Points (CRD) in 2012

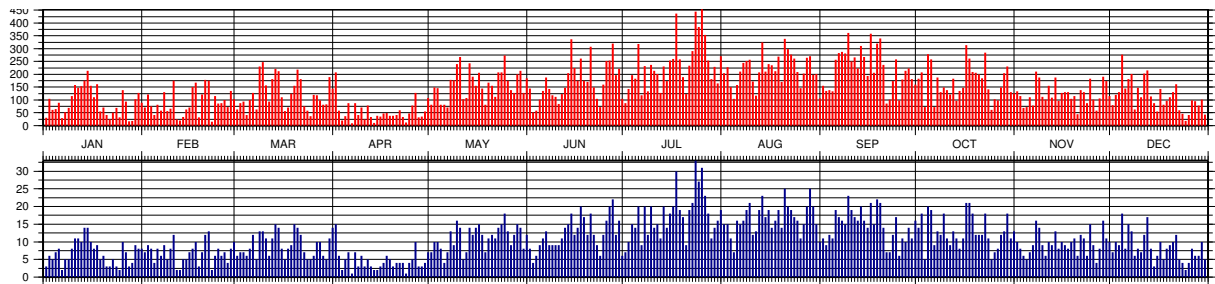


Figure 4.55: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.13.5 Daily number of Full-Rate data (CRD) in 2012

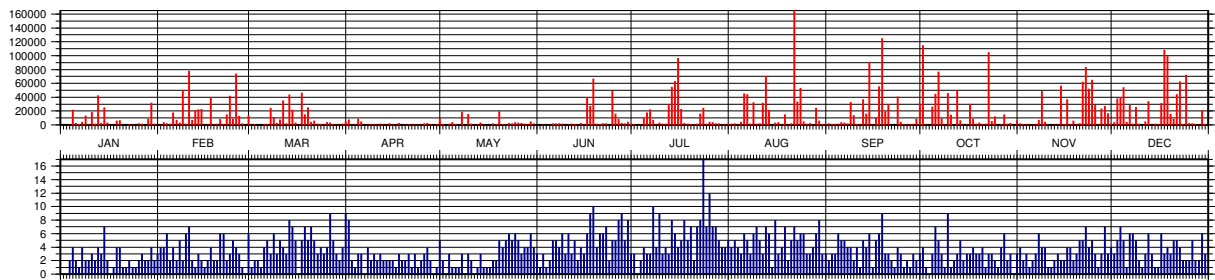


Figure 4.56: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.13.6 Daily number of Normal Points (CSTG) in 2012

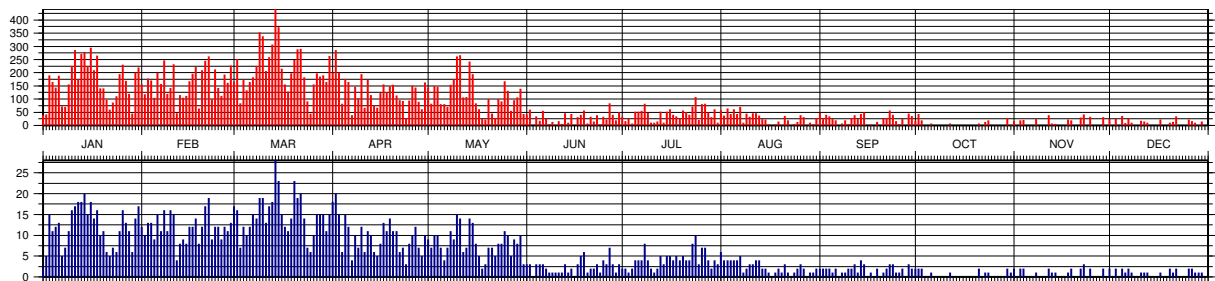


Figure 4.57: Daily number of Normal Points (CSTG) in 2012

4.13.7 Daily number of Full-Rate data (MERIT-II) in 2012

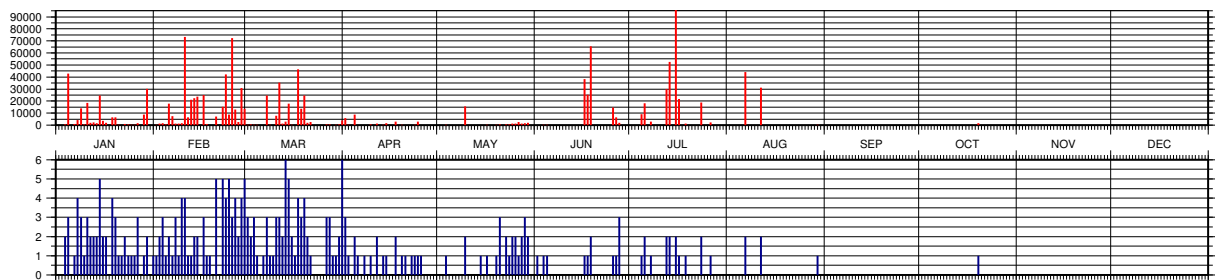


Figure 4.58: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.13.8 Stations tracked Cryosat-2 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	50 ¹ / 3 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	2396 / 202	0 / 0	416 / 43	0 / 0
Badary, Russia (18900901)	542 / 47	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	698 / 58	0 / 0	160 / 12	0 / 0
Changchun, China (72371901)	2488 / 287	4183518 / 282	1118 / 123	1240885 / 105
Concepcion, Chile (74057904)	581 / 73	28711 / 74	328 / 40	13495 / 32
Golosiv, Ukraine (18248101)	228 / 41	1242 / 41	170 / 32	0 / 0
Grasse, France (LLR) (78457801)	1304 / 67	43789 / 66	497 / 24	0 / 0
Graz, Austria (78393402)	4789 / 258	0 / 0	1811 / 103	0 / 0
Greenbelt, Maryland (71050725)	2804 / 152	0 / 0	2565 / 152	0 / 0
Haleakala, Hawaii (71191402)	1722 / 109	0 / 0	729 / 59	0 / 0
Hartebeesthoek, South Africa (75010602)	2210 / 160	0 / 0	879 / 55	0 / 0
Herstmonceux, United Kingdom (78403501)	2799 / 197	135429 / 151	1246 / 86	0 / 0
Katzively, Ukraine (18931801)	1032 / 99	10667 / 99	154 / 17	0 / 0
Koganei, Japan(CRL) (73085001)	275 / 22	0 / 0	109 / 8	0 / 0
Matera, Italy (MLRO) (79417701)	2665 / 234	133045 / 234	959 / 87	45529 / 89
McDonald Observatory, Texas (70802419)	346 / 50	0 / 0	118 / 21	0 / 0
Monument Peak, California (71100412)	1655 / 97	0 / 0	1408 / 80	0 / 0
Mt Stromlo, Australia (78259001)	3549 / 258	48 / 1	3561 / 259	0 / 0
Potsdam, Germany (78418701)	2320 / 148	0 / 0	1003 / 64	0 / 0
Riga, Latvia (18844401)	633 / 60	0 / 0	298 / 27	0 / 0
San Fernando, Spain (78244502)	1370 / 116	38493 / 114	717 / 63	10091 / 42
Shanghai, China (78212801)	229 / 29	0 / 0	63 / 8	0 / 0
Simeiz, Ukraine (18734901)	680 / 64	4101 / 64	524 / 54	0 / 0
Svetloe, Russia (18889801)	7 / 1	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	418 / 31	0 / 0	156 / 9	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	85 / 9	0 / 0
Wetzell, Germany (WLRS) (88341001)	3287 / 336	126676 / 211	2060 / 216	0 / 0
Yarragadee, Australia (70900513)	6365 / 409	0 / 0	4154 / 269	0 / 0
Zelenchukskya, Russia (18899901)	43 / 4	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	6741 / 378	0 / 0	3164 / 181	0 / 0

¹ Number of observations; ² Number of files/passes

4.14 Envisat (0200901)

4.14.1 Common Information

Official name:	envisat
COSPAR ID:	0200901
SIC Code:	6179
NORAD ID:	27386
Launch Date:	—

4.14.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	3492 ¹ / 254 ²	362034 / 83	6845 / 466	240613 / 59	93 ²
February	2790 / 229	487553 / 75	5650 / 411	413795 / 60	87
March	4900 / 381	494785 / 137	8089 / 565	414623 / 70	66
April	2122 / 192	225270 / 93	3633 / 320	203185 / 44	79
May	2730 / 269	110598 / 73	2359 / 228	57143 / 35	69
June	1908 / 228	64812 / 97	598 / 72	35190 / 6	63
July	61 / 16	2548 / 11	43 / 10	1292 / 4	26
August	85 / 24	12755 / 17	24 / 7	0 / 0	31
September	48 / 12	849 / 5	18 / 4	0 / 0	20
October	13 / 3	0 / 0	0 / 0	0 / 0	0
November	49 / 16	21 / 1	2 / 1	0 / 0	0
December	12 / 4	0 / 0	0 / 0	0 / 0	0
Year	18210 / 1628	1761225 / 592	27261 / 2084	1365841 / 278	534

¹ Number of observations; ² Number of files/passes

4.14.3 Daily number of Predictions (CPF) in 2012

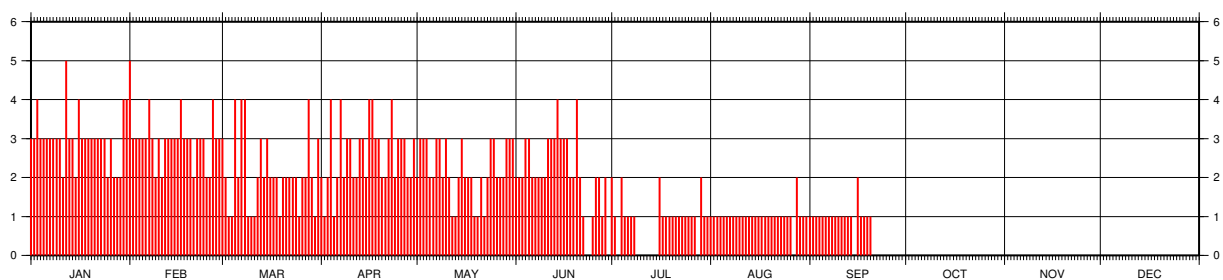


Figure 4.59: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.14.4 Daily number of Normal Points (CRD) in 2012

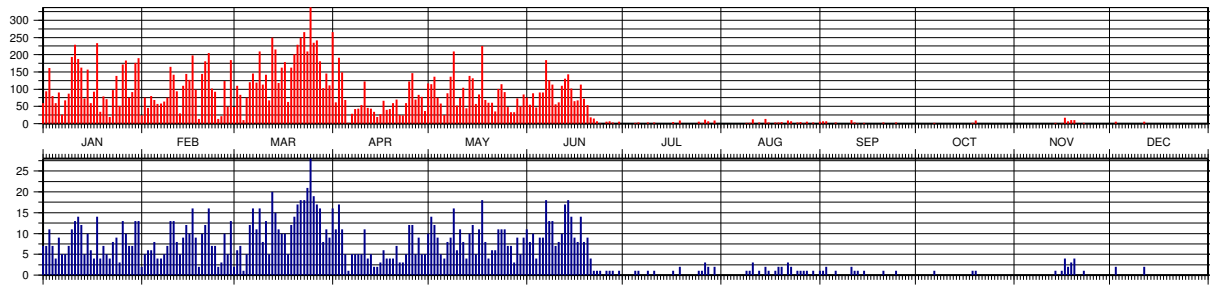


Figure 4.60: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.14.5 Daily number of Full-Rate data (CRD) in 2012

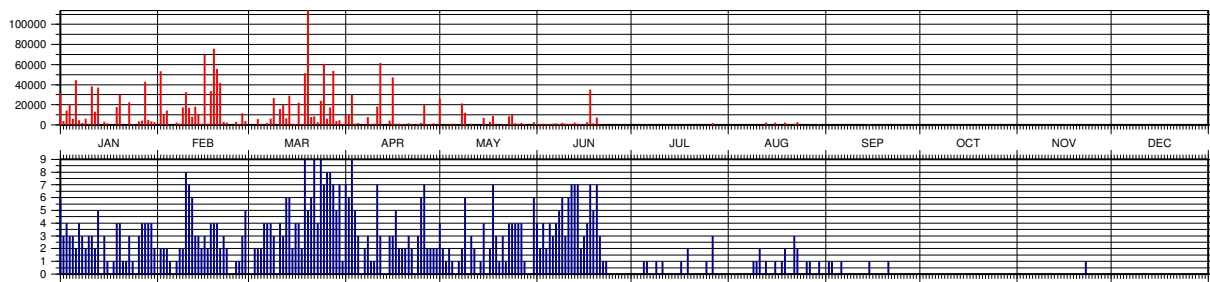


Figure 4.61: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.14.6 Daily number of Normal Points (CSTG) in 2012

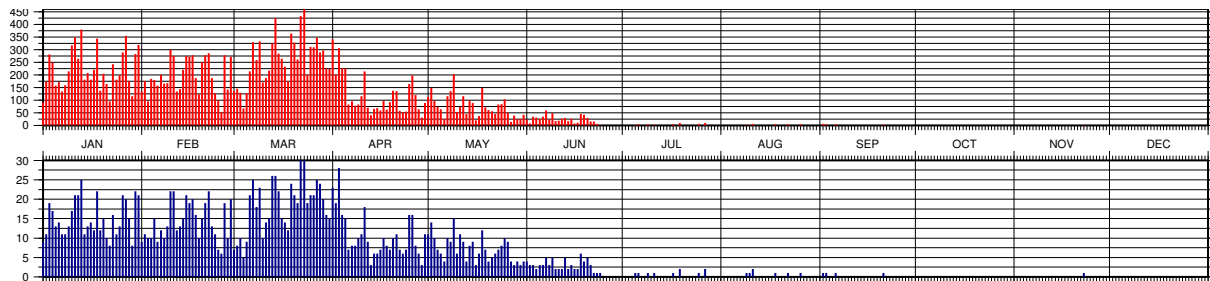


Figure 4.62: Daily number of Normal Points (CSTG) in 2012

4.14.7 Daily number of Full-Rate data (MERIT-II) in 2012

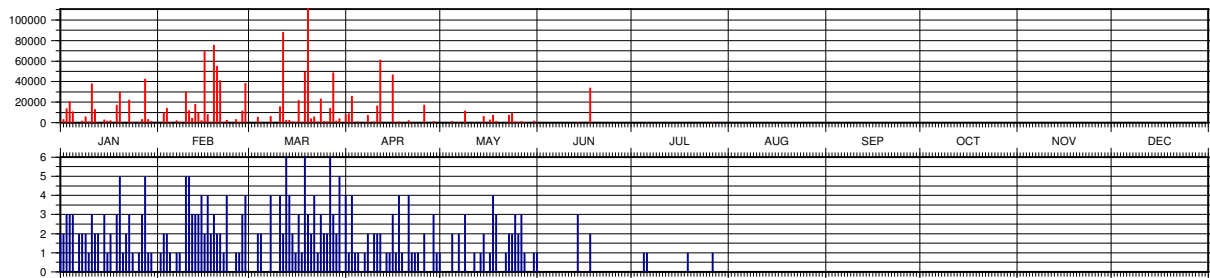


Figure 4.63: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.14.8 Stations tracked Envisat in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	122 ¹ / 22 ²	0 / 0	444 / 43	0 / 0
Badary, Russia (18900901)	717 / 70	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	323 / 49	0 / 0	292 / 26	0 / 0
Changchun, China (72371901)	1167 / 141	1538834 / 140	1210 / 136	1278504 / 108
Concepcion, Chile (74057904)	487 / 56	31662 / 56	489 / 57	19744 / 34
Golosiiv, Ukraine (18248101)	128 / 26	978 / 26	128 / 26	0 / 0
Grasse, France (LLR) (78457801)	158 / 10	4671 / 10	158 / 10	0 / 0
Graz, Austria (78393402)	2713 / 178	0 / 0	2607 / 164	0 / 0
Greenbelt, Maryland (71050725)	201 / 23	0 / 0	1878 / 122	0 / 0
Haleakala, Hawaii (71191402)	141 / 16	0 / 0	1065 / 70	0 / 0
Hartebeesthoek, South Africa (75010602)	330 / 35	0 / 0	651 / 43	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	28298 / 10	1600 / 115	0 / 0
Katzively, Ukraine (18931801)	337 / 34	2780 / 34	197 / 19	0 / 0
Koganei, Japan(CRL) (73085001)	47 / 4	0 / 0	47 / 4	0 / 0
Matera, Italy (MLRO) (79417701)	1185 / 108	61685 / 106	1019 / 86	56561 / 89
McDonald Observatory, Texas (70802419)	199 / 27	0 / 0	191 / 26	0 / 0
Monument Peak, California (71100412)	126 / 15	0 / 0	1230 / 72	0 / 0
Mt Stromlo, Australia (78259001)	1618 / 142	1559 / 5	1618 / 142	0 / 0
Potsdam, Germany (78418701)	1589 / 102	0 / 0	1525 / 95	0 / 0
Riga, Latvia (18844401)	399 / 34	0 / 0	415 / 35	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	5 / 2	72 / 1
San Fernando, Spain (78244502)	276 / 25	9674 / 23	635 / 68	10960 / 46
San Juan, Argentina (74068801)	1244 / 104	10164 / 72	1357 / 113	0 / 0
Shanghai, China (78212801)	133 / 20	999 / 1	122 / 16	0 / 0
Simeiz, Ukraine (18734901)	151 / 21	770 / 21	151 / 21	0 / 0
Simosato, Japan (78383603)	540 / 32	0 / 0	529 / 31	0 / 0
Svetloe, Russia (18889801)	172 / 18	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	26 / 3	0 / 0	311 / 21	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	113 / 14	0 / 0
Wetzell, Germany (WLRS) (88341001)	948 / 89	69151 / 88	948 / 89	0 / 0
Yarragadee, Australia (70900513)	494 / 56	0 / 0	4146 / 261	0 / 0
Zelenchukskya, Russia (18899901)	29 / 4	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	2130 / 158	0 / 0	2083 / 151	0 / 0

¹ Number of observations; ² Number of files/passes

4.15 Etalon-1 (8900103)

4.15.1 Common Information

Official name:	etalon1
COSPAR ID:	8900103
SIC Code:	0525
NORAD ID:	19751
Launch Date:	1989-01-10

4.15.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	486 ¹ / 89 ²	13365 / 23	708 / 156	11868 / 16	62 ²
February	384 / 70	43619 / 24	607 / 132	42404 / 22	57
March	556 / 99	38556 / 56	902 / 198	26063 / 20	37
April	320 / 69	34056 / 48	635 / 150	13415 / 16	61
May	898 / 204	85877 / 84	664 / 142	33933 / 15	61
June	872 / 203	208421 / 105	185 / 40	23288 / 2	62
July	801 / 194	193394 / 98	121 / 28	13784 / 4	64
August	1027 / 252	150976 / 104	88 / 22	7696 / 4	62
September	920 / 216	29537 / 51	22 / 6	0 / 0	63
October	1132 / 243	68000 / 62	22 / 7	3470 / 5	66
November	464 / 122	34217 / 36	36 / 7	0 / 0	59
December	461 / 116	44354 / 56	51 / 10	0 / 0	61
Year	8321 / 1877	944372 / 747	4041 / 898	175921 / 104	715

¹ Number of observations; ² Number of files/passes

4.15.3 Daily number of Predictions (CPF) in 2012

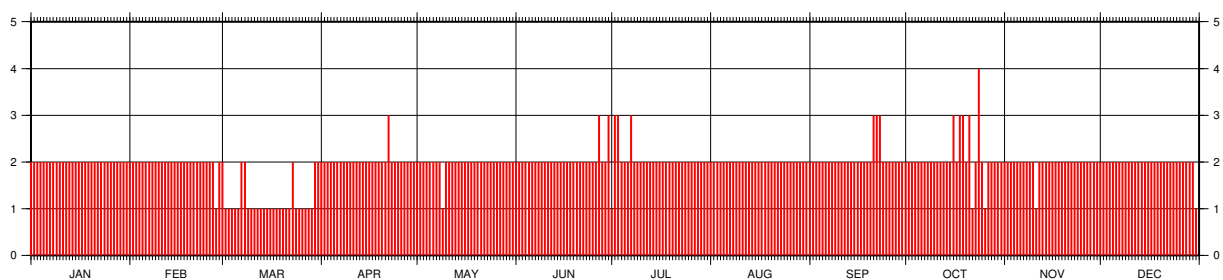


Figure 4.64: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.15.4 Daily number of Normal Points (CRD) in 2012

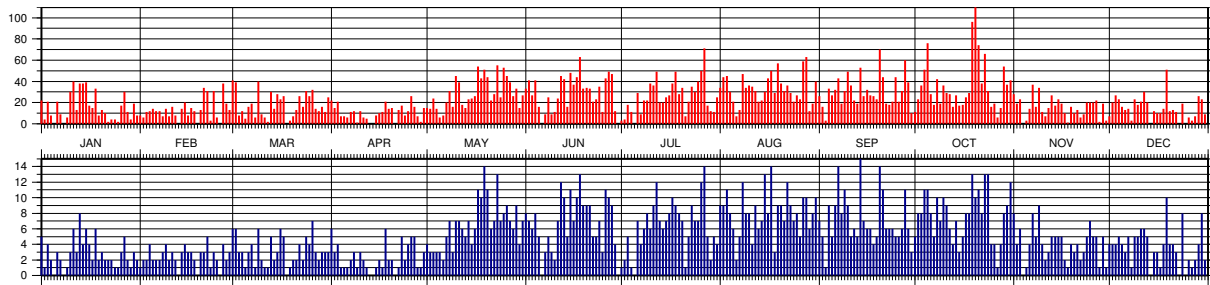


Figure 4.65: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.15.5 Daily number of Full-Rate data (CRD) in 2012

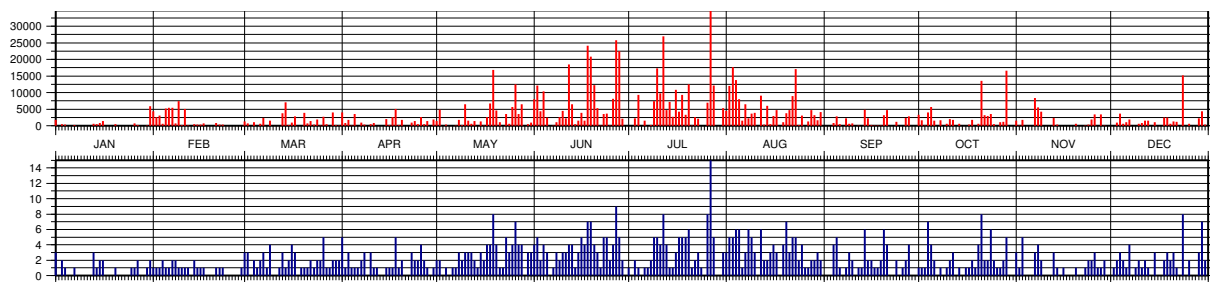


Figure 4.66: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.15.6 Daily number of Normal Points (CSTG) in 2012

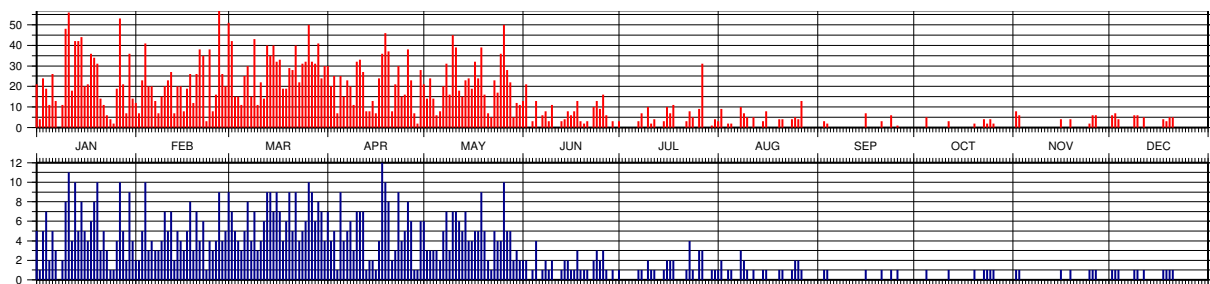


Figure 4.67: Daily number of Normal Points (CSTG) in 2012

4.15.7 Daily number of Full-Rate data (MERIT-II) in 2012

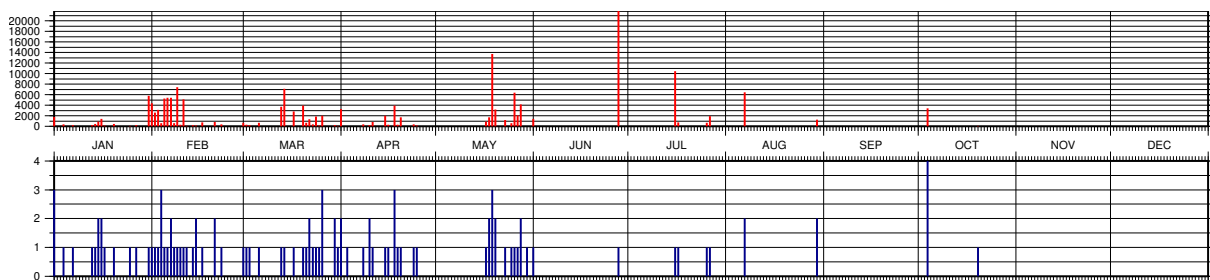


Figure 4.68: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.15.8 Stations tracked Etalon-1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	79 ¹ / 27 ²	0 / 0	2 / 1	0 / 0
Arkhyz, Russia (18869601)	33 / 12	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	11 / 2	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	103 / 37	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	34 / 8	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	193 / 71	86299 / 68	60 / 20	18723 / 14
Concepcion, Chile (74057904)	261 / 47	127088 / 47	229 / 41	70459 / 34
Grasse, France (LLR) (78457801)	244 / 71	39340 / 71	76 / 23	0 / 0
Graz, Austria (78393402)	433 / 73	0 / 0	144 / 30	0 / 0
Greenbelt, Maryland (71050725)	305 / 82	0 / 0	153 / 46	0 / 0
Hartebeesthoek, South Africa (75010602)	222 / 63	0 / 0	198 / 47	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	173 / 1	72 / 23	0 / 0
Katzively, Ukraine (18931801)	116 / 17	1348 / 17	7 / 1	57 / 1
Koganei, Japan(CRL) (73085001)	121 / 23	0 / 0	30 / 6	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	13 / 6	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	1399 / 356	548959 / 349	255 / 69	86682 / 55
McDonald Observatory, Texas (70802419)	94 / 26	0 / 0	24 / 7	0 / 0
Monument Peak, California (71100412)	108 / 46	0 / 0	93 / 32	0 / 0
Mt Stromlo, Australia (78259001)	127 / 35	0 / 0	124 / 34	0 / 0
Potsdam, Germany (78418701)	86 / 9	0 / 0	0 / 0	0 / 0
San Juan, Argentina (74068801)	633 / 129	5175 / 104	657 / 134	0 / 0
Shanghai, China (78212801)	59 / 18	0 / 0	4 / 1	0 / 0
Simeiz, Ukraine (18734901)	8 / 1	77 / 1	8 / 1	0 / 0
Simosato, Japan (78383603)	111 / 15	0 / 0	26 / 3	0 / 0
Tahiti, French Polynesia (71240802)	136 / 34	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	698 / 146	135913 / 89	342 / 70	0 / 0
Yarragadee, Australia (70900513)	1150 / 313	0 / 0	742 / 209	0 / 0
Zelenchukskya, Russia (18899901)	46 / 15	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	1498 / 195	0 / 0	795 / 100	0 / 0

¹ Number of observations; ² Number of files/passes

4.16 Etalon 2 (8903903)

4.16.1 Common Information

Official name:	etalon2
COSPAR ID:	8903903
SIC Code:	4146
NORAD ID:	20026
Launch Date:	1989-05-31

4.16.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	447 ¹ / 81 ²	19286 / 29	675 / 140	17117 / 23	62 ²
February	497 / 89	29203 / 43	652 / 126	24656 / 24	57
March	854 / 154	90762 / 98	1240 / 251	72823 / 53	37
April	487 / 89	69118 / 58	735 / 162	35680 / 19	61
May	878 / 195	85820 / 83	699 / 148	33757 / 22	61
June	881 / 197	194069 / 112	206 / 45	28169 / 7	62
July	719 / 173	93612 / 61	93 / 25	8666 / 2	63
August	839 / 195	62856 / 65	93 / 22	16488 / 3	62
September	743 / 182	37257 / 40	54 / 11	0 / 0	64
October	817 / 201	8317 / 35	44 / 12	137 / 1	60
November	449 / 115	50851 / 53	58 / 13	0 / 0	59
December	343 / 88	17345 / 32	57 / 11	0 / 0	61
Year	7954 / 1759	758496 / 709	4606 / 966	237493 / 154	709

¹ Number of observations; ² Number of files/passes

4.16.3 Daily number of Predictions (CPF) in 2012

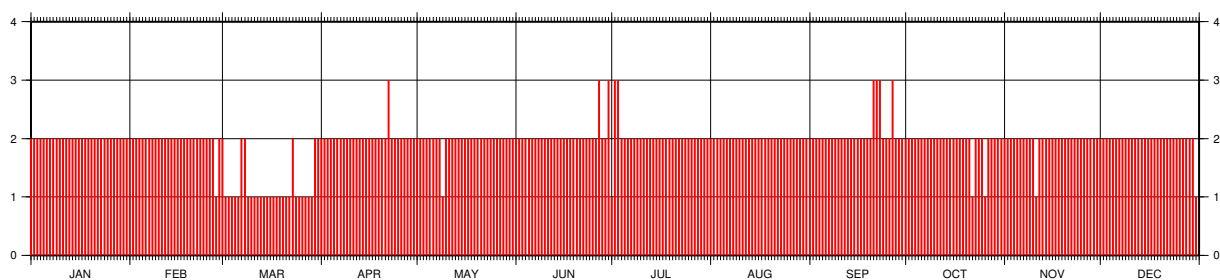


Figure 4.69: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.16.4 Daily number of Normal Points (CRD) in 2012

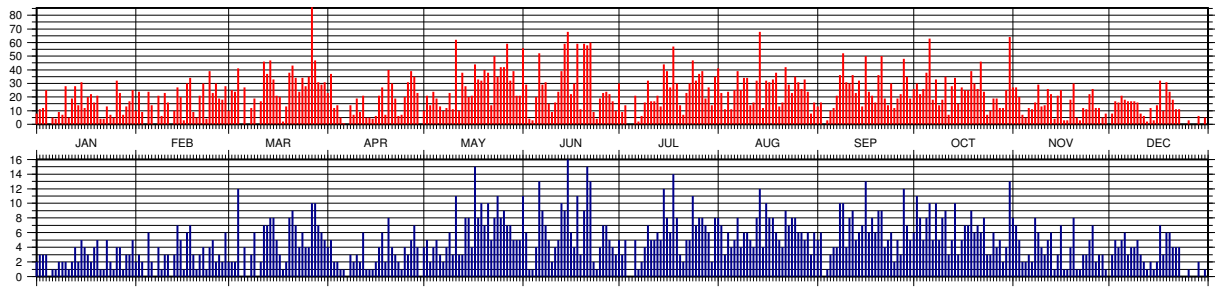


Figure 4.70: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.16.5 Daily number of Full-Rate data (CRD) in 2012

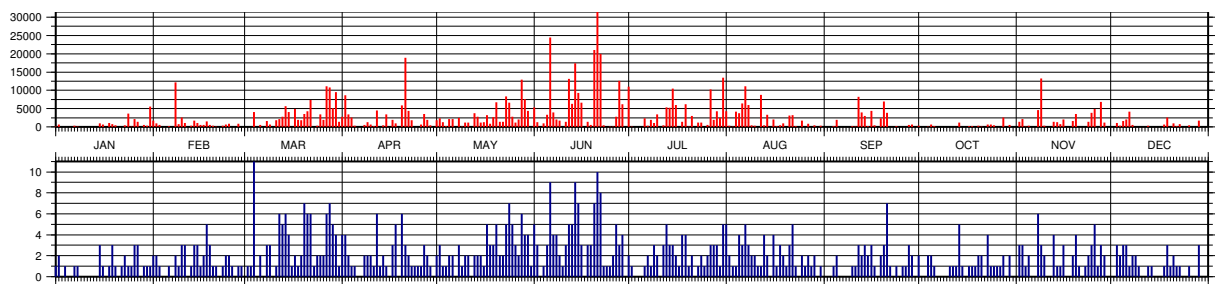


Figure 4.71: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.16.6 Daily number of Normal Points (CSTG) in 2012

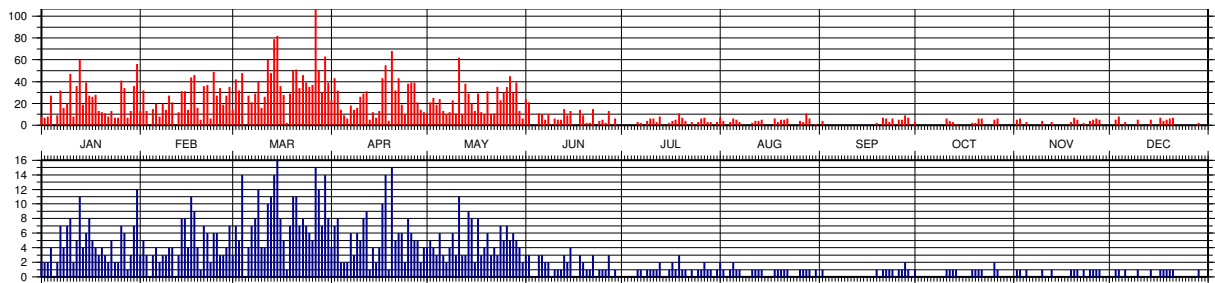


Figure 4.72: Daily number of Normal Points (CSTG) in 2012

4.16.7 Daily number of Full-Rate data (MERIT-II) in 2012

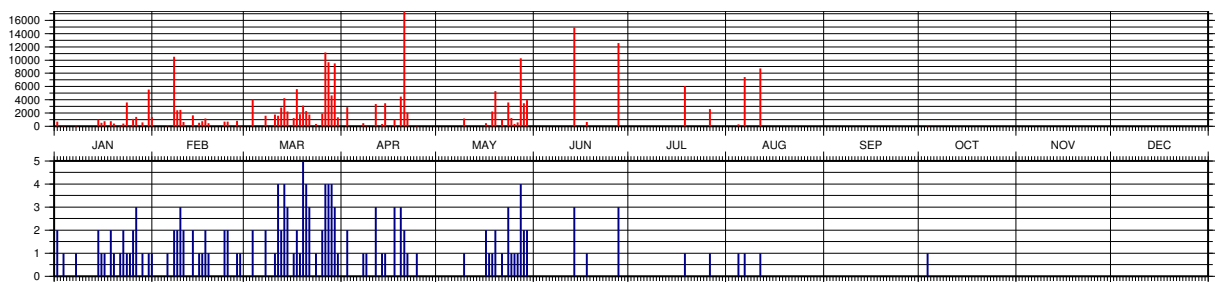


Figure 4.73: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.16.8 Stations tracked Etalon 2 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	56 ¹ / 19 ²	0 / 0	9 / 3	0 / 0
Arkhyz, Russia (18869601)	9 / 4	0 / 0	4 / 1	0 / 0
Badary, Russia (18900901)	6 / 2	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	100 / 36	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	18 / 5	0 / 0	6 / 1	0 / 0
Changchun, China (72371901)	186 / 69	82599 / 66	122 / 38	36115 / 30
Concepcion, Chile (74057904)	280 / 48	97767 / 49	225 / 39	45537 / 32
Golosiv, Ukraine (18248101)	2 / 1	6 / 1	2 / 1	0 / 0
Grasse, France (LLR) (78457801)	266 / 76	38144 / 75	108 / 31	0 / 0
Graz, Austria (78393402)	327 / 67	0 / 0	176 / 34	0 / 0
Greenbelt, Maryland (71050725)	181 / 42	0 / 0	284 / 82	0 / 0
Hartebeesthoek, South Africa (75010602)	419 / 103	0 / 0	72 / 26	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	1059 / 4	153 / 39	0 / 0
Katzively, Ukraine (18931801)	137 / 20	1522 / 20	61 / 9	254 / 4
Koganei, Japan(CRL) (73085001)	66 / 12	0 / 0	32 / 6	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	8 / 2	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	1084 / 290	416535 / 289	420 / 109	155587 / 88
McDonald Observatory, Texas (70802419)	81 / 22	0 / 0	59 / 16	0 / 0
Monument Peak, California (71100412)	104 / 45	0 / 0	171 / 41	0 / 0
Mt Stromlo, Australia (78259001)	83 / 27	0 / 0	81 / 26	0 / 0
Potsdam, Germany (78418701)	29 / 4	0 / 0	0 / 0	0 / 0
San Juan, Argentina (74068801)	630 / 128	4221 / 106	658 / 134	0 / 0
Shanghai, China (78212801)	65 / 16	0 / 0	32 / 7	0 / 0
Simeiz, Ukraine (18734901)	7 / 1	74 / 1	7 / 1	0 / 0
Simosato, Japan (78383603)	85 / 11	0 / 0	72 / 9	0 / 0
Tahiti, French Polynesia (71240802)	107 / 24	0 / 0	0 / 0	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	13 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	631 / 138	116569 / 98	360 / 76	0 / 0
Yarragadee, Australia (70900513)	1155 / 323	0 / 0	477 / 128	0 / 0
Zelenchukskya, Russia (18899901)	97 / 25	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	1735 / 199	0 / 0	1002 / 106	0 / 0

¹ Number of observations; ² Number of files/passes

4.17 Galileo-101 (1106001)

4.17.1 Common Information

Official name:	galileo101
COSPAR ID:	1106001
SIC Code:	7101
NORAD ID:	37846
Launch Date:	2011-10-21

4.17.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	387 ¹ / 69 ²	39274 / 33	619 / 139	42313 / 25	29 ²
February	387 / 70	32427 / 40	632 / 144	19100 / 16	30
March	874 / 132	77884 / 76	1233 / 230	45031 / 25	35
April	513 / 101	73872 / 69	755 / 164	32229 / 17	37
May	903 / 217	104506 / 81	714 / 151	33545 / 15	39
June	613 / 145	94903 / 66	183 / 41	2782 / 1	38
July	729 / 164	120081 / 63	156 / 32	19029 / 1	41
August	642 / 143	93073 / 47	94 / 18	0 / 0	37
September	619 / 130	26871 / 25	89 / 16	0 / 0	33
October	464 / 122	39850 / 22	24 / 5	6321 / 1	9
November	156 / 44	13569 / 7	0 / 0	0 / 0	6
December	242 / 67	21956 / 17	56 / 11	0 / 0	29
Year	6529 / 1404	738266 / 546	4555 / 951	200350 / 101	363

¹ Number of observations; ² Number of files/passes

4.17.3 Daily number of Predictions (CPF) in 2012

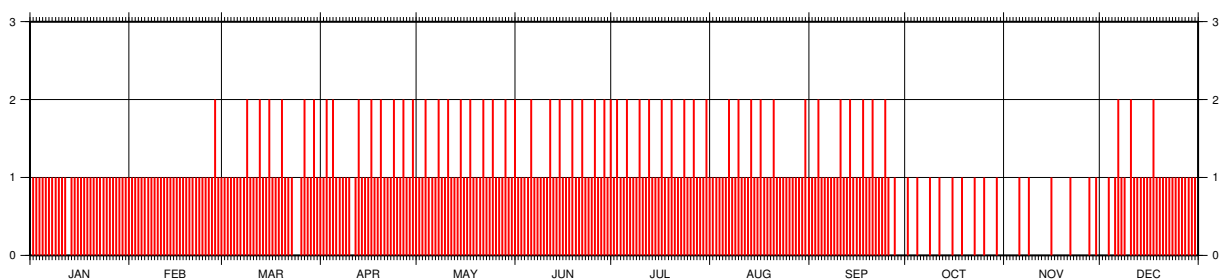


Figure 4.74: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.17.4 Daily number of Normal Points (CRD) in 2012

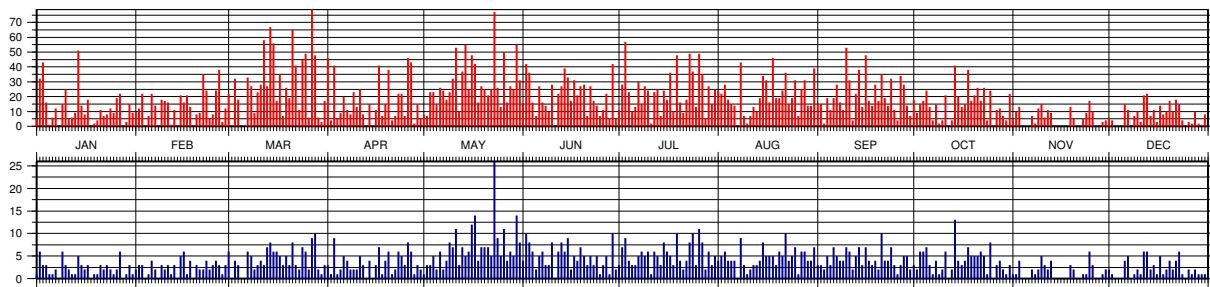


Figure 4.75: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.17.5 Daily number of Full-Rate data (CRD) in 2012

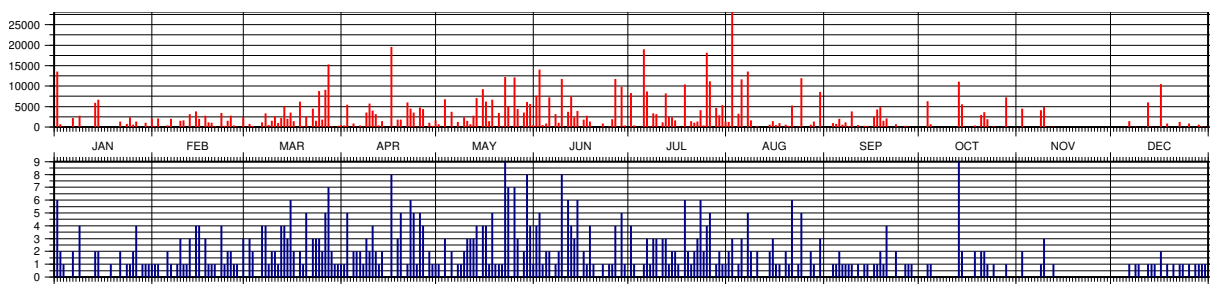


Figure 4.76: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.17.6 Daily number of Normal Points (CSTG) in 2012

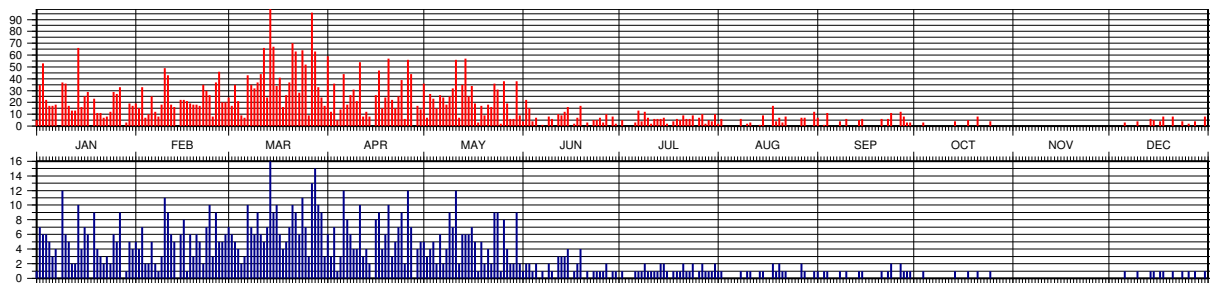


Figure 4.77: Daily number of Normal Points (CSTG) in 2012

4.17.7 Daily number of Full-Rate data (MERIT-II) in 2012

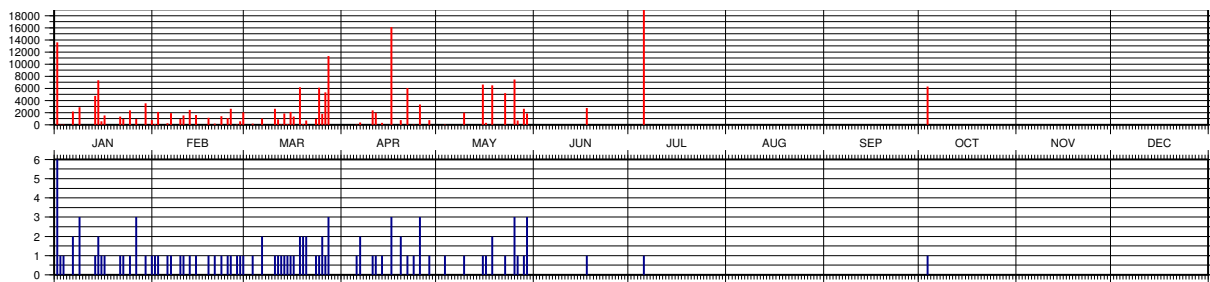


Figure 4.78: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.17.8 Stations tracked Galileo-101 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	6 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	12 / 2	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	36 / 10	0 / 0	31 / 5	0 / 0
Changchun, China (72371901)	125 / 44	84904 / 36	102 / 34	58822 / 28
Concepcion, Chile (74057904)	140 / 25	37015 / 25	105 / 18	19973 / 13
Golosiv, Ukraine (18248101)	11 / 5	75 / 5	11 / 5	0 / 0
Grasse, France (LLR) (78457801)	418 / 110	73860 / 109	277 / 71	0 / 0
Graz, Austria (78393402)	346 / 68	0 / 0	216 / 39	0 / 0
Greenbelt, Maryland (71050725)	55 / 17	0 / 0	109 / 40	0 / 0
Hartebeesthoek, South Africa (75010602)	28 / 7	0 / 0	3 / 1	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	3597 / 6	166 / 40	0 / 0
Katzively, Ukraine (18931801)	84 / 11	938 / 11	31 / 4	333 / 3
Koganei, Japan(CRL) (73085001)	105 / 18	0 / 0	69 / 11	0 / 0
Matera, Italy (MLRO) (79417701)	631 / 174	373286 / 172	268 / 74	121222 / 57
McDonald Observatory, Texas (70802419)	98 / 25	0 / 0	69 / 17	0 / 0
Monument Peak, California (71100412)	115 / 47	0 / 0	194 / 63	0 / 0
Mt Stromlo, Australia (78259001)	316 / 71	0 / 0	304 / 69	0 / 0
Potsdam, Germany (78418701)	120 / 13	0 / 0	69 / 7	0 / 0
San Juan, Argentina (74068801)	370 / 71	9431 / 67	403 / 77	0 / 0
Shanghai, China (78212801)	20 / 6	0 / 0	4 / 2	0 / 0
Simeiz, Ukraine (18734901)	6 / 1	199 / 1	6 / 1	0 / 0
Svetloe, Russia (18889801)	14 / 9	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	29 / 8	0 / 0	0 / 0	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	3 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	686 / 139	154961 / 114	383 / 80	0 / 0
Yarragadee, Australia (70900513)	1236 / 359	0 / 0	758 / 209	0 / 0
Zelenchukskya, Russia (18899901)	33 / 10	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	1489 / 152	0 / 0	974 / 83	0 / 0

¹ Number of observations; ² Number of files/passes

4.18 Galileo-102 (1106002)

4.18.1 Common Information

Official name:	galileo102
COSPAR ID:	1106002
SIC Code:	7102
NORAD ID:	37847
Launch Date:	2011-10-21

4.18.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	431 ¹ / 84 ²	43278 / 44	687 / 161	45044 / 28	30 ²
February	484 / 84	46228 / 52	699 / 145	34047 / 20	27
March	1184 / 163	88448 / 92	1498 / 249	64379 / 47	35
April	566 / 90	65901 / 69	798 / 158	16647 / 7	37
May	868 / 201	114034 / 73	660 / 141	45988 / 14	39
June	589 / 128	65831 / 57	205 / 44	4759 / 3	38
July	700 / 166	103875 / 62	167 / 37	37300 / 2	41
August	619 / 134	54423 / 54	109 / 22	1574 / 1	37
September	607 / 137	25573 / 25	72 / 16	0 / 0	37
October	776 / 171	69249 / 50	103 / 20	9455 / 2	40
November	324 / 80	32152 / 26	61 / 11	0 / 0	36
December	280 / 71	19277 / 29	52 / 12	0 / 0	34
Year	7428 / 1509	728269 / 633	5111 / 1016	259193 / 124	431

¹ Number of observations; ² Number of files/passes

4.18.3 Daily number of Predictions (CPF) in 2012

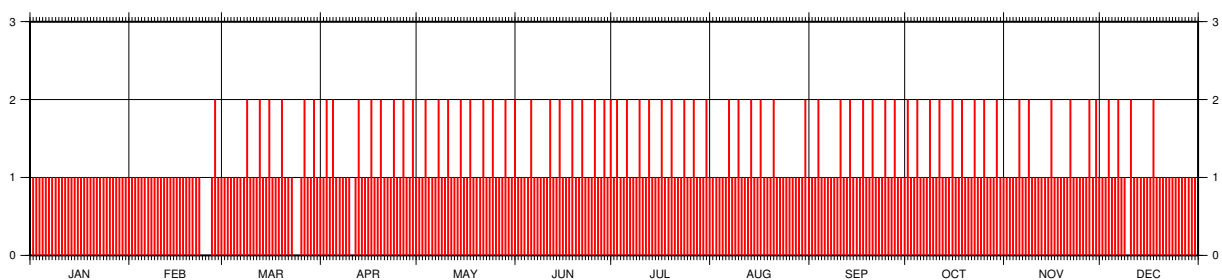


Figure 4.79: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.18.4 Daily number of Normal Points (CRD) in 2012

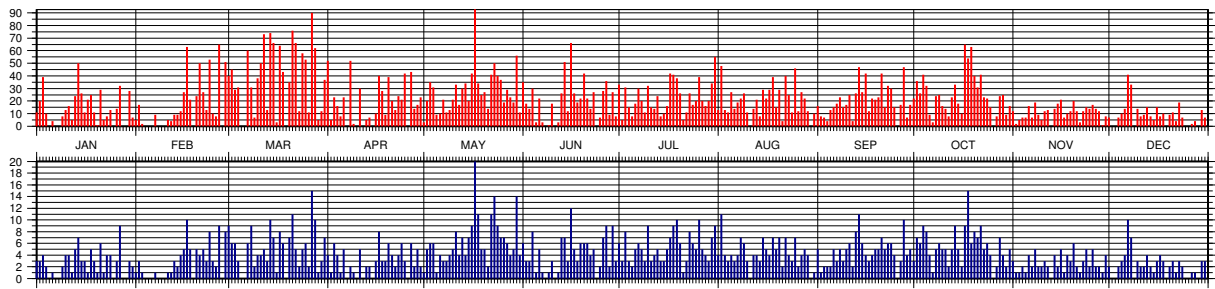


Figure 4.80: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.18.5 Daily number of Full-Rate data (CRD) in 2012

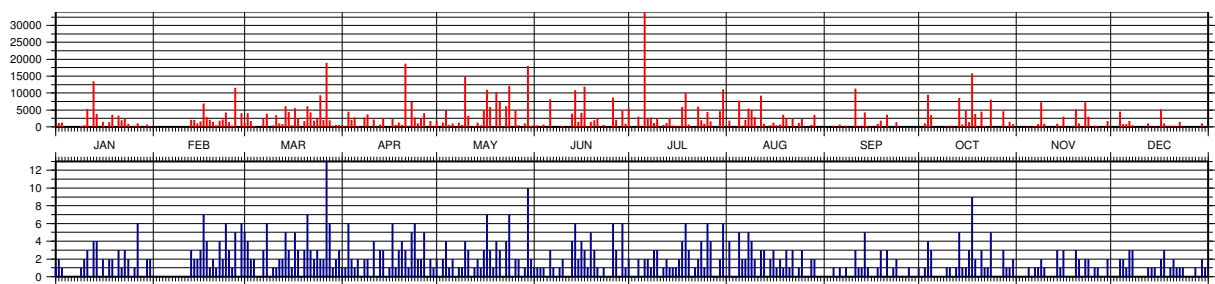


Figure 4.81: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.18.6 Daily number of Normal Points (CSTG) in 2012

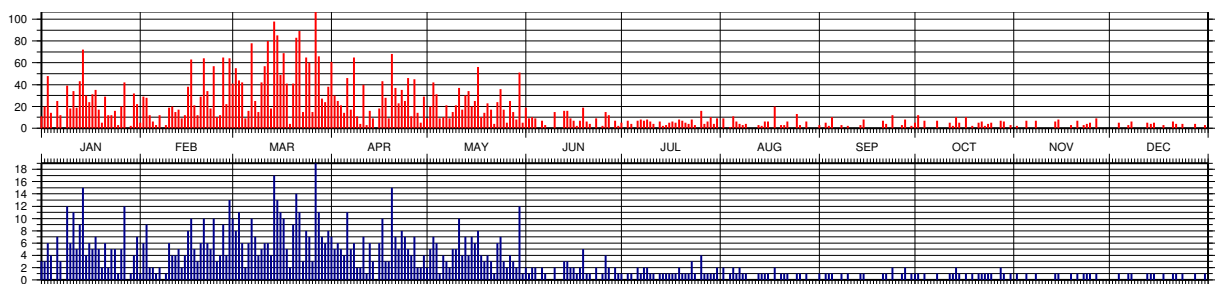


Figure 4.82: Daily number of Normal Points (CSTG) in 2012

4.18.7 Daily number of Full-Rate data (MERIT-II) in 2012

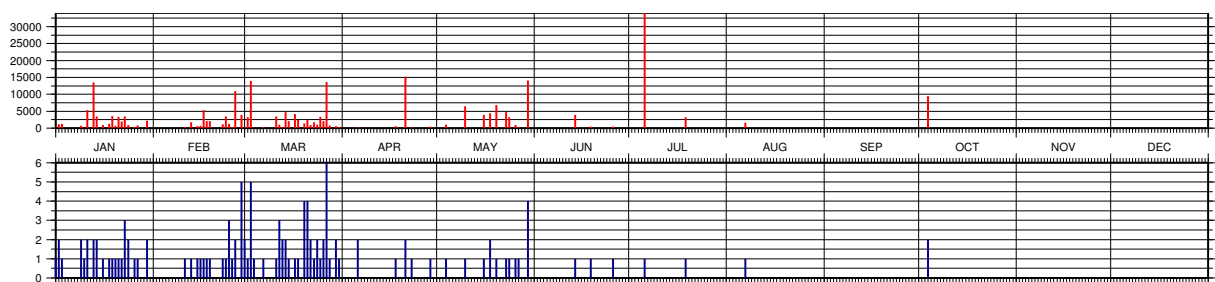


Figure 4.83: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.18.8 Stations tracked Galileo-102 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	5 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	9 / 2	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	29 / 10	0 / 0	31 / 6	0 / 0
Changchun, China (72371901)	197 / 67	123768 / 56	131 / 33	69571 / 32
Concepcion, Chile (74057904)	138 / 21	30111 / 21	123 / 18	14800 / 15
Golosiv, Ukraine (18248101)	6 / 2	27 / 2	6 / 2	0 / 0
Grasse, France (LLR) (78457801)	505 / 132	82054 / 131	326 / 81	0 / 0
Graz, Austria (78393402)	490 / 78	0 / 0	221 / 37	0 / 0
Greenbelt, Maryland (71050725)	106 / 30	0 / 0	150 / 45	0 / 0
Hartebeesthoek, South Africa (75010602)	40 / 9	0 / 0	0 / 0	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	2185 / 7	153 / 42	0 / 0
Katzively, Ukraine (18931801)	100 / 12	1571 / 12	41 / 5	172 / 1
Koganei, Japan(CRL) (73085001)	95 / 18	0 / 0	68 / 13	0 / 0
Matera, Italy (MLRO) (79417701)	658 / 191	311422 / 188	365 / 99	174650 / 76
McDonald Observatory, Texas (70802419)	123 / 26	0 / 0	78 / 15	0 / 0
Monument Peak, California (71100412)	126 / 52	0 / 0	164 / 55	0 / 0
Mt Stromlo, Australia (78259001)	334 / 73	0 / 0	334 / 73	0 / 0
Potsdam, Germany (78418701)	180 / 20	0 / 0	100 / 11	0 / 0
San Juan, Argentina (74068801)	517 / 104	9858 / 97	547 / 110	0 / 0
Shanghai, China (78212801)	14 / 4	0 / 0	0 / 0	0 / 0
Simeiz, Ukraine (18734901)	23 / 3	404 / 3	23 / 3	0 / 0
Svetloe, Russia (18889801)	35 / 10	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	19 / 5	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	611 / 138	166869 / 116	376 / 80	0 / 0
Yarragadee, Australia (70900513)	1173 / 327	0 / 0	720 / 204	0 / 0
Zelenchukskya, Russia (18899901)	43 / 11	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	1852 / 162	0 / 0	1154 / 84	0 / 0

¹ Number of observations; ² Number of files/passes

4.19 Galileo-103 (1205501)

4.19.1 Common Information

Official name:	galileo103
COSPAR ID:	1205501
SIC Code:	7103
NORAD ID:	38857
Launch Date:	2012-10-12

4.19.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	2
November	185 / 48	9101 / 6	0 / 0	0 / 0	19
December	335 / 87	40613 / 27	17 / 3	0 / 0	34
Year	520 / 135	49714 / 33	17 / 3	0 / 0	55

¹ Number of observations; ² Number of files/passes

4.19.3 Daily number of Predictions (CPF) in 2012

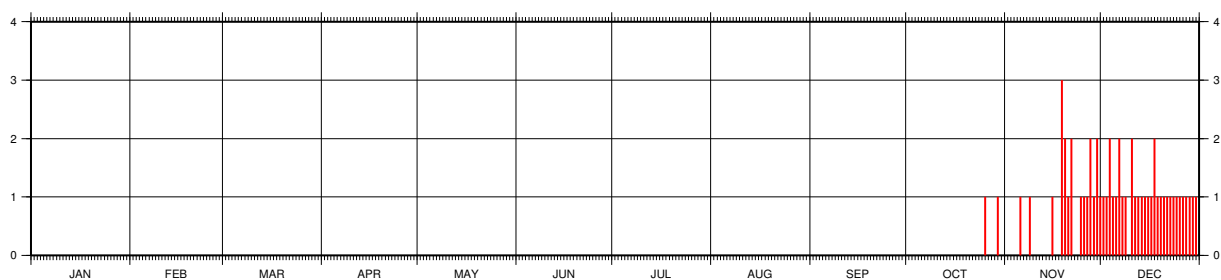


Figure 4.84: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.19.4 Daily number of Normal Points (CRD) in 2012

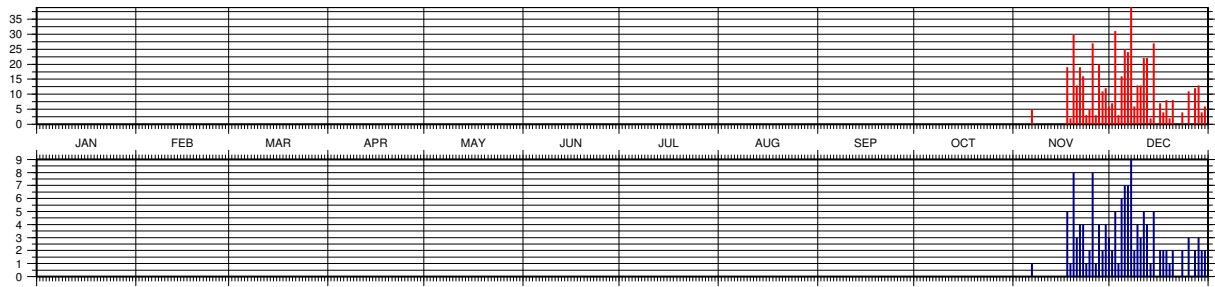


Figure 4.85: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.19.5 Daily number of Full-Rate data (CRD) in 2012

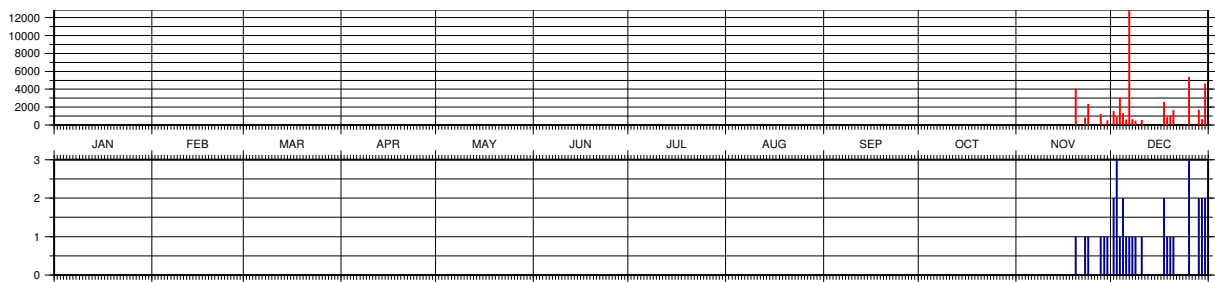


Figure 4.86: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.19.6 Daily number of Normal Points (CSTG) in 2012

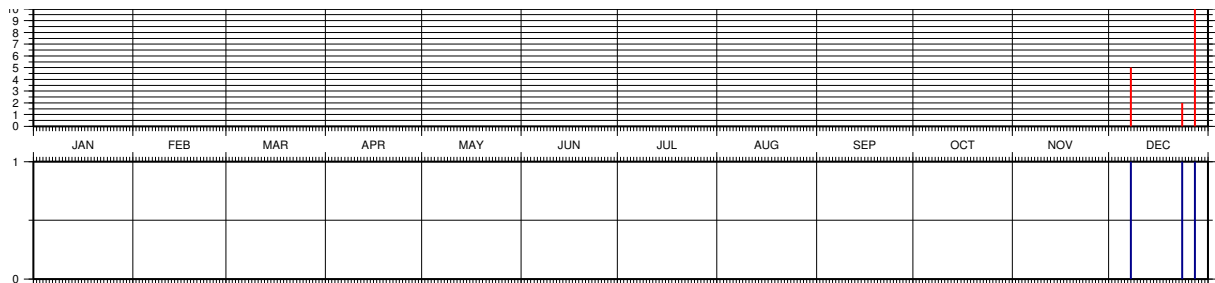


Figure 4.87: Daily number of Normal Points (CSTG) in 2012

4.19.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.19.8 Stations tracked Galileo-103 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Changchun, China (72371901)	32 ¹ / 12 ²	31420 / 12	0 / 0	0 / 0
Grasse, France (LLR) (78457801)	44 / 13	8531 / 13	0 / 0	0 / 0
Graz, Austria (78393402)	38 / 6	0 / 0	0 / 0	0 / 0
Greenbelt, Maryland (71050725)	12 / 2	0 / 0	0 / 0	0 / 0
Hartebeesthoek, South Africa (75010602)	7 / 2	0 / 0	0 / 0	0 / 0
Katziwely, Ukraine (18931801)	9 / 1	81 / 1	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	23 / 7	9682 / 7	0 / 0	0 / 0
McDonald Observatory, Texas (70802419)	13 / 4	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	18 / 7	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	17 / 3	0 / 0	17 / 3	0 / 0
Tahiti, French Polynesia (71240802)	15 / 3	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	28 / 7	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	264 / 68	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.20 Galileo-104 (1205502)

4.20.1 Common Information

Official name:	galileo104
COSPAR ID:	1205502
SIC Code:	7104
NORAD ID:	38858
Launch Date:	2012-10-12

4.20.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	2
November	119 / 31	76491 / 10	0 / 0	0 / 0	13
December	417 / 112	44199 / 39	35 / 5	0 / 0	34
Year	536 / 143	120690 / 49	35 / 5	0 / 0	49

¹ Number of observations; ² Number of files/passes

4.20.3 Daily number of Predictions (CPF) in 2012

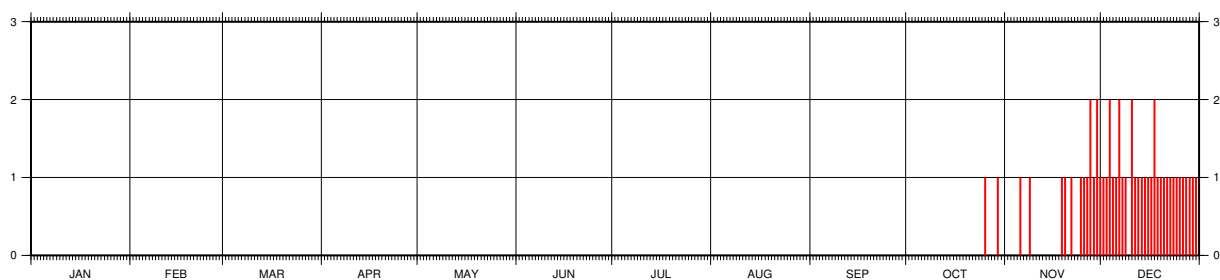


Figure 4.88: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.20.4 Daily number of Normal Points (CRD) in 2012

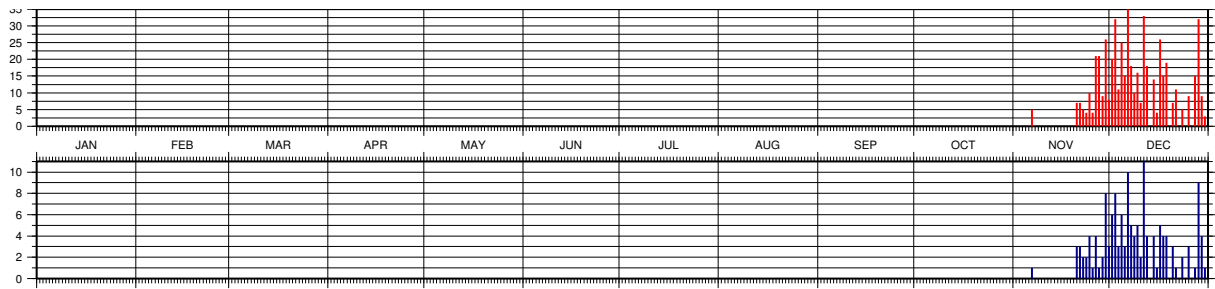


Figure 4.89: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.20.5 Daily number of Full-Rate data (CRD) in 2012

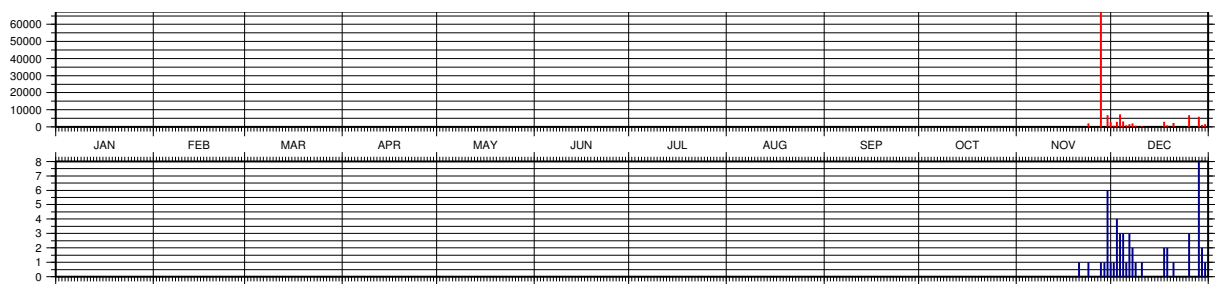


Figure 4.90: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.20.6 Daily number of Normal Points (CSTG) in 2012

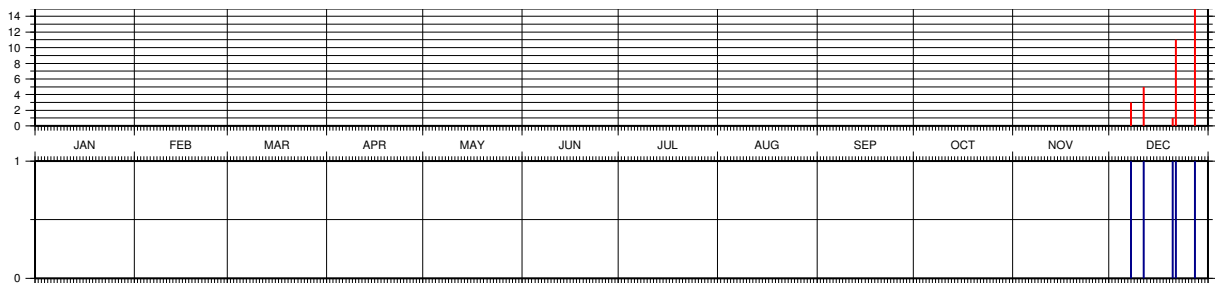


Figure 4.91: Daily number of Normal Points (CSTG) in 2012

4.20.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.20.8 Stations tracked Galileo-104 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Changchun, China (72371901)	45 ¹ / 10 ²	80929 / 10	0 / 0	0 / 0
Golosiiv, Ukraine (18248101)	2 / 1	15 / 1	0 / 0	0 / 0
Grasse, France (LLR) (78457801)	59 / 18	10322 / 17	0 / 0	0 / 0
Graz, Austria (78393402)	25 / 4	0 / 0	0 / 0	0 / 0
Greenbelt, Maryland (71050725)	6 / 1	0 / 0	0 / 0	0 / 0
Katzively, Ukraine (18931801)	6 / 1	21 / 1	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	60 / 20	29403 / 20	0 / 0	0 / 0
McDonald Observatory, Texas (70802419)	11 / 3	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	10 / 5	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	35 / 5	0 / 0	35 / 5	0 / 0
Potsdam, Germany (78418701)	9 / 2	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	9 / 3	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	25 / 6	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	234 / 64	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.21 Giove-A (0505101)

4.21.1 Common Information

Official name:	giovea
COSPAR ID:	0505101
SIC Code:	7001
NORAD ID:	28922
Launch Date:	2005-12-26

4.21.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	224 ¹ / 32 ²	4673 / 10	281 / 49	4062 / 5	62 ²
February	109 / 22	2614 / 9	135 / 30	755 / 3	51
March	554 / 60	24127 / 25	609 / 77	19789 / 9	33
April	132 / 26	13490 / 20	169 / 38	10224 / 4	52
May	333 / 58	14353 / 29	293 / 50	4123 / 11	57
June	119 / 29	15564 / 19	41 / 12	0 / 0	45
July	0 / 0	0 / 0	0 / 0	0 / 0	9
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	2 / 1	0 / 0	0 / 0	0 / 0	7
December	58 / 17	9788 / 9	6 / 2	0 / 0	9
Year	1531 / 245	84609 / 121	1534 / 258	38953 / 32	325

¹ Number of observations; ² Number of files/passes

4.21.3 Daily number of Predictions (CPF) in 2012

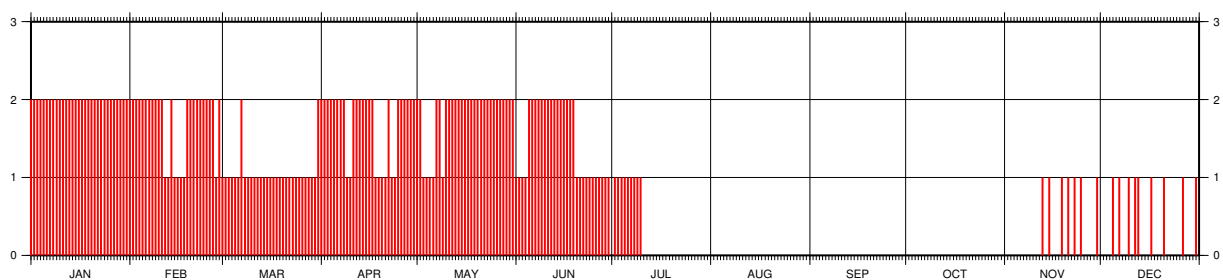


Figure 4.92: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.21.4 Daily number of Normal Points (CRD) in 2012

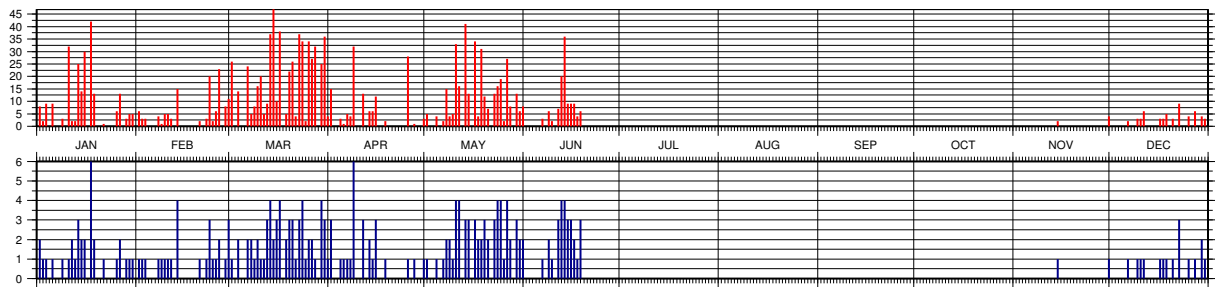


Figure 4.93: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.21.5 Daily number of Full-Rate data (CRD) in 2012

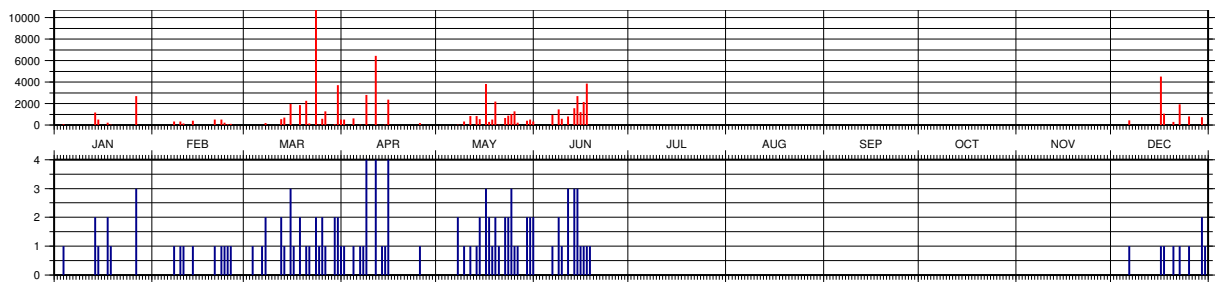


Figure 4.94: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.21.6 Daily number of Normal Points (CSTG) in 2012

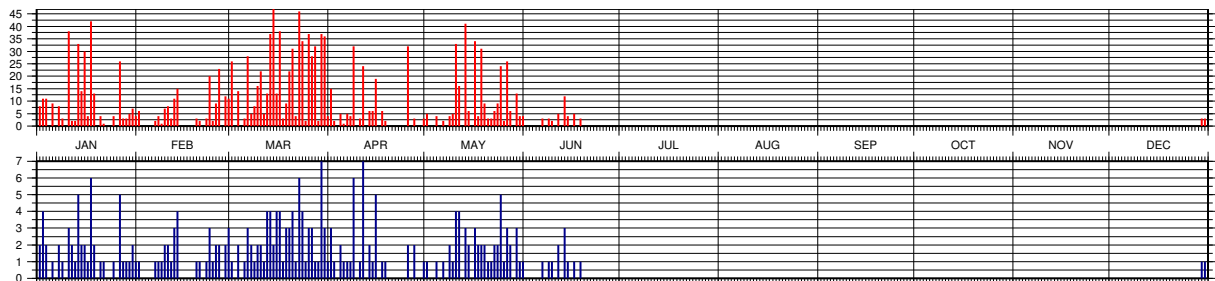


Figure 4.95: Daily number of Normal Points (CSTG) in 2012

4.21.7 Daily number of Full-Rate data (MERIT-II) in 2012

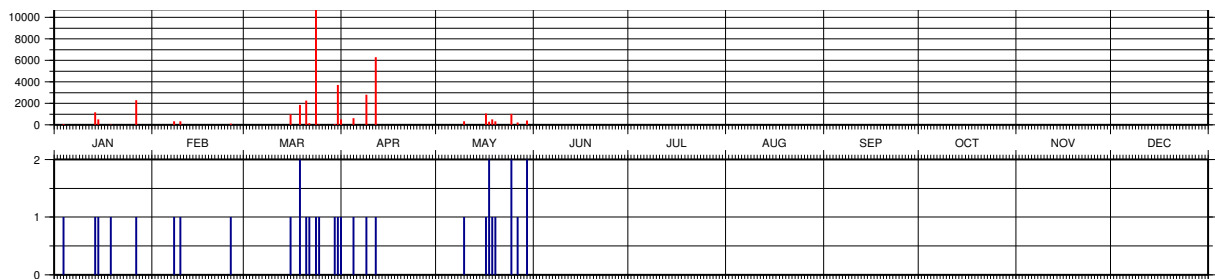


Figure 4.96: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.21.8 Stations tracked Giove-A in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	3 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	49 / 14	11972 / 14	39 / 10	4018 / 9
Concepcion, Chile (74057904)	22 / 6	4368 / 6	22 / 6	4368 / 6
Golosiv, Ukraine (18248101)	1 / 1	5 / 1	1 / 1	0 / 0
Grasse, France (LLR) (78457801)	82 / 24	11583 / 24	74 / 21	0 / 0
Graz, Austria (78393402)	71 / 12	0 / 0	56 / 9	0 / 0
Greenbelt, Maryland (71050725)	9 / 2	0 / 0	54 / 17	0 / 0
Hartebeesthoek, South Africa (75010602)	7 / 1	0 / 0	7 / 2	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	911 / 3	62 / 20	0 / 0
Katzively, Ukraine (18931801)	15 / 2	98 / 2	15 / 2	98 / 2
Koganei, Japan(CRL) (73085001)	40 / 8	0 / 0	35 / 7	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	3 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	108 / 31	39236 / 31	87 / 24	30469 / 15
McDonald Observatory, Texas (70802419)	29 / 8	0 / 0	26 / 7	0 / 0
Monument Peak, California (71100412)	30 / 10	0 / 0	35 / 10	0 / 0
Mt Stromlo, Australia (78259001)	2 / 1	0 / 0	2 / 1	0 / 0
San Juan, Argentina (74068801)	119 / 23	866 / 19	102 / 21	0 / 0
Wetzell, Germany (WLRS) (88341001)	81 / 17	15570 / 21	81 / 17	0 / 0
Yarragadee, Australia (70900513)	40 / 13	0 / 0	69 / 21	0 / 0
Zelenchukskya, Russia (18899901)	9 / 2	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	811 / 68	0 / 0	767 / 62	0 / 0

¹ Number of observations; ² Number of files/passes

4.22 Giove-B (0802001)

4.22.1 Common Information

Official name:	gioveb
COSPAR ID:	0802001
SIC Code:	7002
NORAD ID:	32781
Launch Date:	—

4.22.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	283 ¹ / 35 ²	3562 / 7	314 / 45	2288 / 6	62 ²
February	17 / 4	1915 / 2	25 / 6	1915 / 3	34
March	422 / 43	4352 / 18	541 / 75	4087 / 7	28
April	241 / 49	21154 / 33	313 / 70	5661 / 6	53
May	240 / 57	25772 / 36	224 / 52	1675 / 6	57
June	184 / 42	16552 / 28	60 / 16	0 / 0	45
July	344 / 66	29320 / 28	68 / 15	3147 / 4	52
August	0 / 0	0 / 0	0 / 0	0 / 0	8
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	1731 / 296	102627 / 152	1545 / 279	18773 / 32	339

¹ Number of observations; ² Number of files/passes

4.22.3 Daily number of Predictions (CPF) in 2012

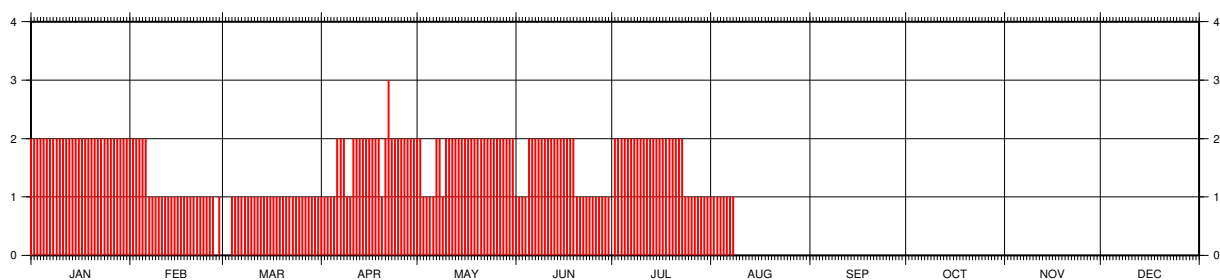


Figure 4.97: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.22.4 Daily number of Normal Points (CRD) in 2012

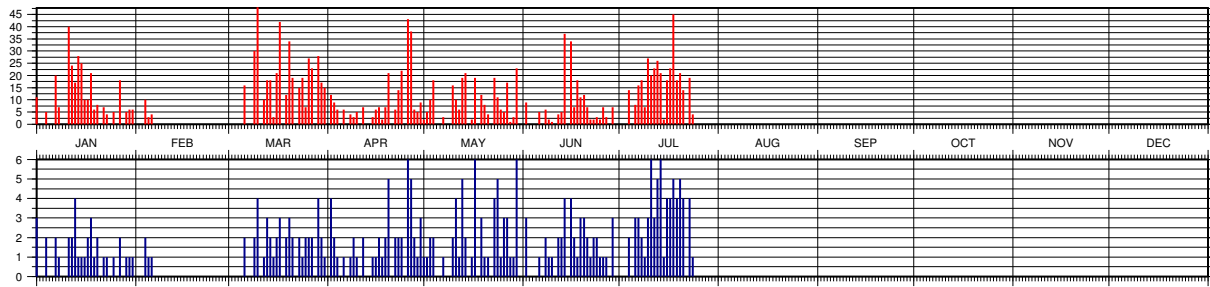


Figure 4.98: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.22.5 Daily number of Full-Rate data (CRD) in 2012

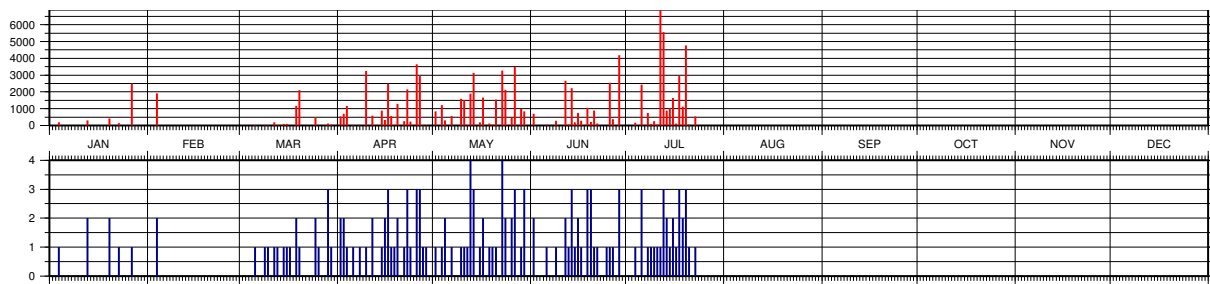


Figure 4.99: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.22.6 Daily number of Normal Points (CSTG) in 2012

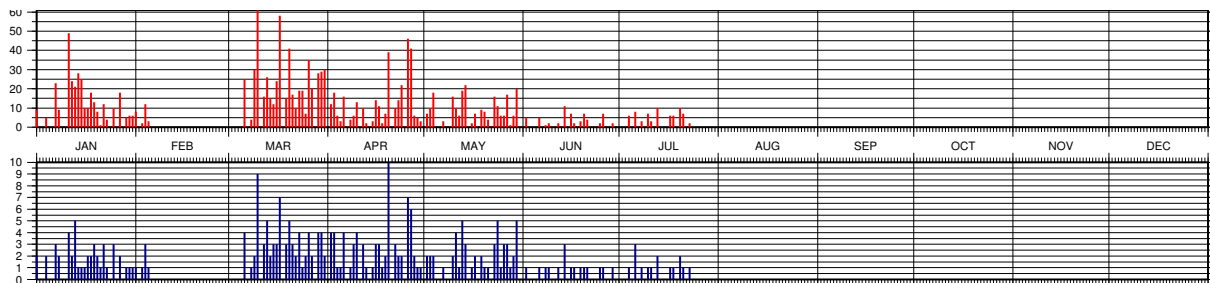


Figure 4.100: Daily number of Normal Points (CSTG) in 2012

4.22.7 Daily number of Full-Rate data (MERIT-II) in 2012

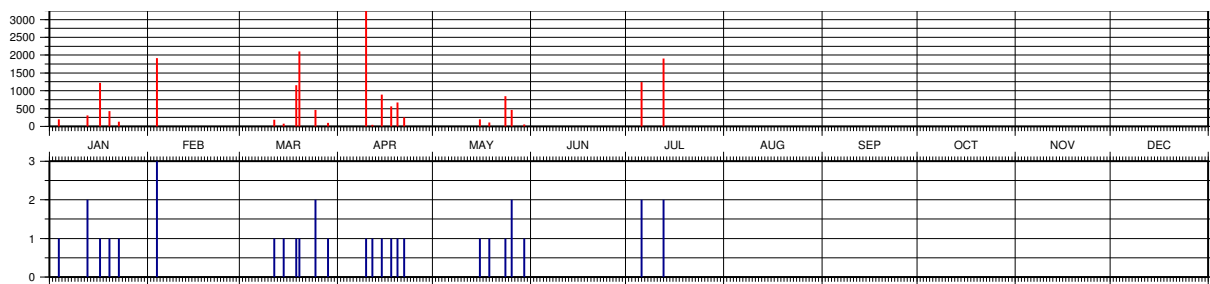


Figure 4.101: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.22.8 Stations tracked Giove-B in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	5 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	9 / 3	0 / 0	5 / 2	0 / 0
Changchun, China (72371901)	29 / 9	5963 / 10	32 / 10	5433 / 11
Concepcion, Chile (74057904)	46 / 7	18470 / 7	29 / 5	3570 / 2
Grasse, France (LLR) (78457801)	32 / 10	3717 / 10	32 / 10	0 / 0
Graz, Austria (78393402)	130 / 21	0 / 0	121 / 20	0 / 0
Greenbelt, Maryland (71050725)	0 / 0	0 / 0	63 / 17	0 / 0
Hartebeesthoek, South Africa (75010602)	75 / 14	0 / 0	73 / 17	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	997 / 3	30 / 10	0 / 0
Katziwely, Ukraine (18931801)	19 / 3	166 / 3	12 / 2	0 / 0
Koganei, Japan(CRL) (73085001)	23 / 4	0 / 0	17 / 3	0 / 0
Matera, Italy (MLRO) (79417701)	136 / 41	25365 / 42	70 / 21	9770 / 19
McDonald Observatory, Texas (70802419)	10 / 3	0 / 0	7 / 2	0 / 0
Monument Peak, California (71100412)	24 / 12	0 / 0	30 / 11	0 / 0
Mt Stromlo, Australia (78259001)	6 / 3	0 / 0	6 / 3	0 / 0
San Juan, Argentina (74068801)	190 / 36	1437 / 33	196 / 37	0 / 0
Shanghai, China (78212801)	1 / 1	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	5 / 1	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	151 / 32	46512 / 44	151 / 32	0 / 0
Yarragadee, Australia (70900513)	39 / 12	0 / 0	62 / 20	0 / 0
Zelenchukyska, Russia (18899901)	12 / 5	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	789 / 77	0 / 0	609 / 57	0 / 0

¹ Number of observations; ² Number of files/passes

4.23 Glonass-101 (0606203)

4.23.1 Common Information

Official name:	glonass101
COSPAR ID:	0606203
SIC Code:	9101
NORAD ID:	29672
Launch Date:	2005-12-25

4.23.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	193 ¹ / 40 ²	18141 / 15	218 / 47	14003 / 13	26 ²
February	199 / 45	23935 / 17	206 / 48	23407 / 22	29
March	213 / 50	16765 / 18	282 / 66	15456 / 10	30
April	116 / 34	5870 / 11	131 / 44	4598 / 7	30
May	126 / 40	813 / 3	92 / 28	480 / 1	29
June	78 / 25	0 / 0	11 / 3	0 / 0	30
July	167 / 49	3564 / 2	6 / 1	356 / 1	29
August	180 / 48	6209 / 8	1 / 1	0 / 0	31
September	171 / 40	12390 / 8	0 / 0	0 / 0	30
October	236 / 56	34292 / 19	0 / 0	0 / 0	26
November	132 / 41	30883 / 21	0 / 0	0 / 0	29
December	132 / 40	45224 / 26	0 / 0	0 / 0	31
Year	1943 / 508	198086 / 148	947 / 238	58300 / 54	350

¹ Number of observations; ² Number of files/passes

4.23.3 Daily number of Predictions (CPF) in 2012

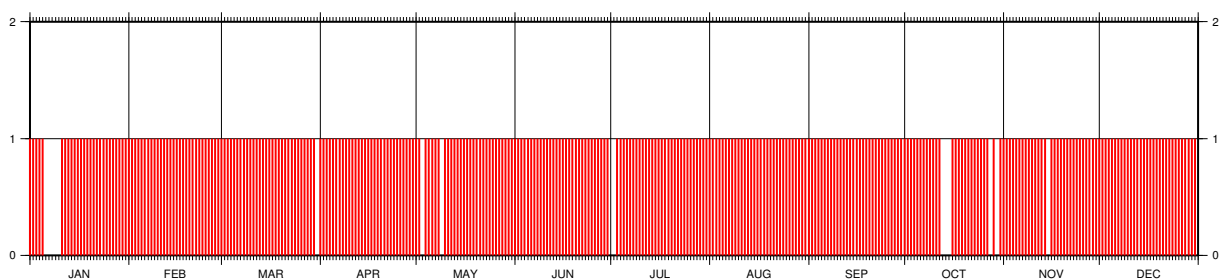


Figure 4.102: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.23.4 Daily number of Normal Points (CRD) in 2012

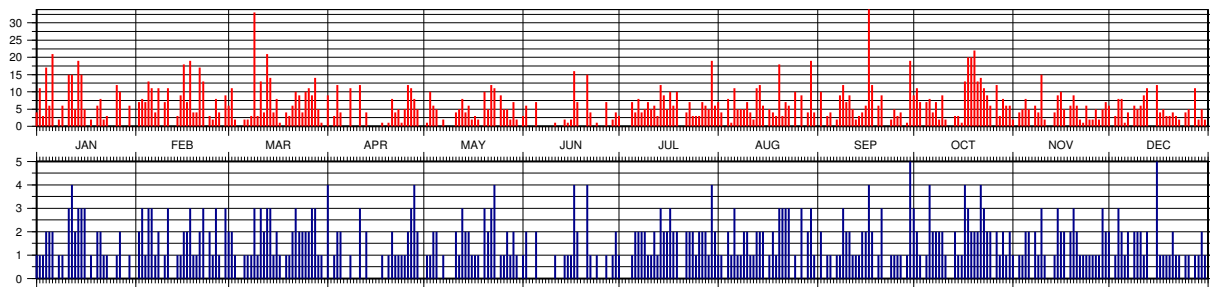


Figure 4.103: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.23.5 Daily number of Full-Rate data (CRD) in 2012

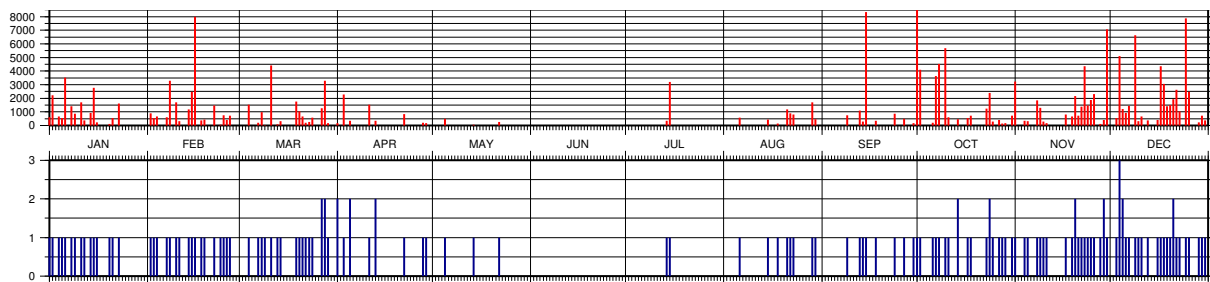


Figure 4.104: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.23.6 Daily number of Normal Points (CSTG) in 2012

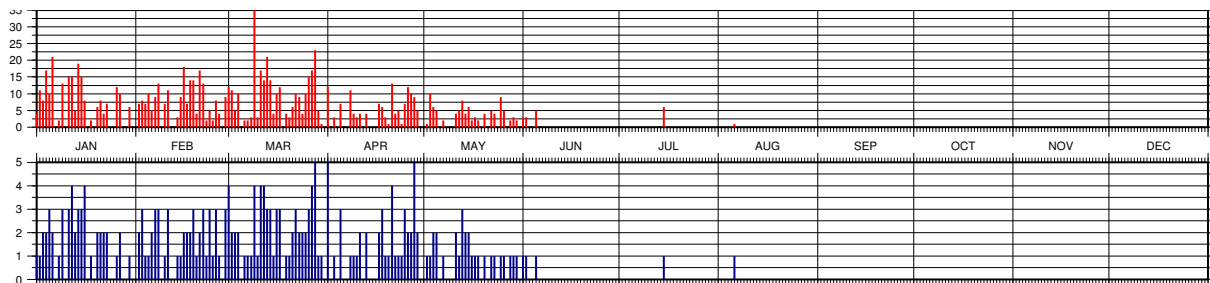


Figure 4.105: Daily number of Normal Points (CSTG) in 2012

4.23.7 Daily number of Full-Rate data (MERIT-II) in 2012

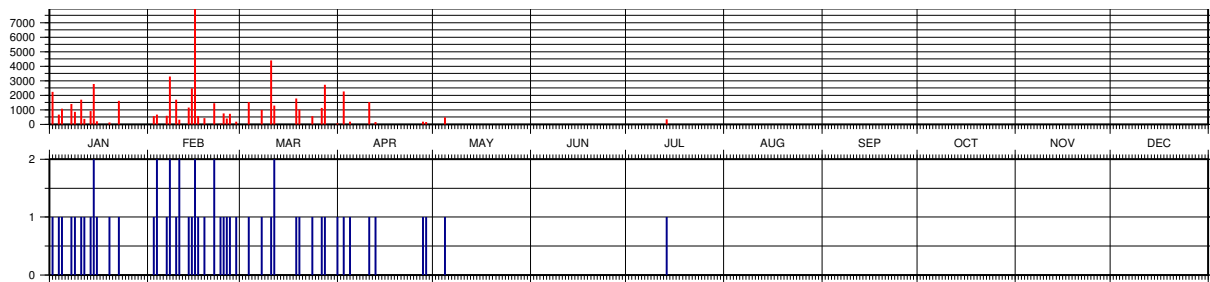


Figure 4.106: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.23.8 Stations tracked Glonass-101 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	4 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	21 / 4	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	401 / 116	187081 / 115	250 / 53	58300 / 54
Graz, Austria (78393402)	542 / 90	0 / 0	232 / 42	0 / 0
Herstmonceux, United Kingdom (78403501)	147 / 47	10978 / 32	99 / 30	0 / 0
Mt Stromlo, Australia (78259001)	1 / 1	0 / 0	1 / 1	0 / 0
Shanghai, China (78212801)	72 / 17	0 / 0	16 / 4	0 / 0
Simeiz, Ukraine (18734901)	7 / 1	27 / 1	7 / 1	0 / 0
Svetloe, Russia (18889801)	12 / 4	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	4 / 1	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	285 / 85	0 / 0	143 / 44	0 / 0
Zelenchukyska, Russia (18899901)	46 / 12	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	401 / 128	0 / 0	199 / 63	0 / 0

¹ Number of observations; ² Number of files/passes

4.24 Glonass-102 (0606201)

4.24.1 Common Information

Official name:	glonass102
COSPAR ID:	0606201
SIC Code:	9102
NORAD ID:	29670
Launch Date:	2006-12-25

4.24.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	513 ¹ / 120 ²	67484 / 50	539 / 128	15561 / 17	88 ²
February	472 / 124	48457 / 41	477 / 116	39439 / 30	86
March	557 / 138	35344 / 65	714 / 178	7376 / 13	64
April	286 / 71	22403 / 37	394 / 104	3663 / 5	89
May	466 / 137	18748 / 50	332 / 97	808 / 4	90
June	353 / 100	16190 / 49	172 / 40	0 / 0	90
July	536 / 140	48718 / 50	155 / 38	652 / 1	90
August	574 / 150	59504 / 53	110 / 25	0 / 0	93
September	586 / 161	15960 / 28	72 / 17	0 / 0	90
October	718 / 194	39799 / 34	45 / 11	0 / 0	86
November	458 / 131	37099 / 37	26 / 5	0 / 0	88
December	358 / 106	48256 / 47	24 / 6	0 / 0	90
Year	5877 / 1572	457962 / 541	3060 / 765	67499 / 70	1044

¹ Number of observations; ² Number of files/passes

4.24.3 Daily number of Predictions (CPF) in 2012

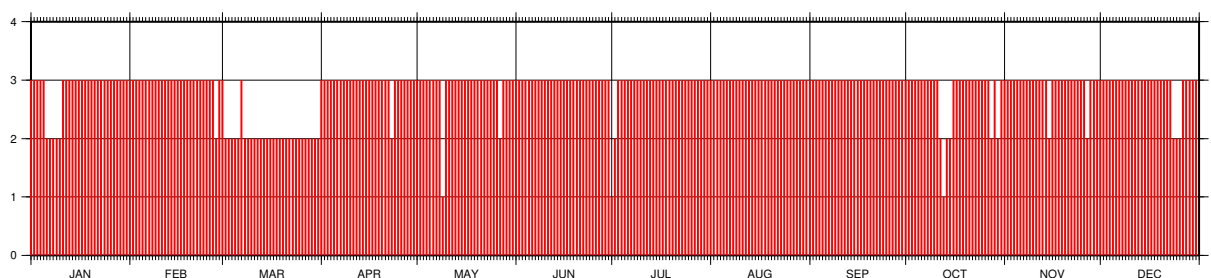


Figure 4.107: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.24.4 Daily number of Normal Points (CRD) in 2012

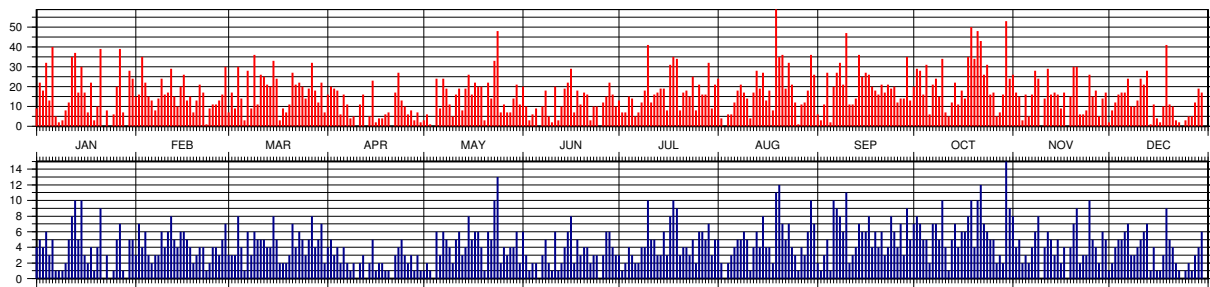


Figure 4.108: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.24.5 Daily number of Full-Rate data (CRD) in 2012

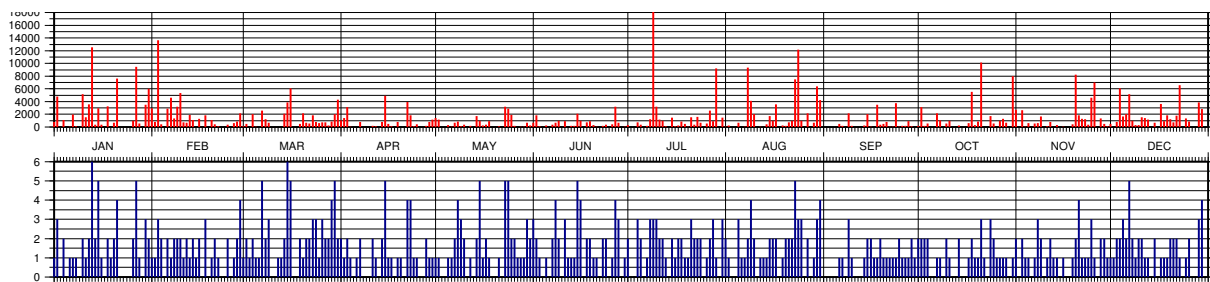


Figure 4.109: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.24.6 Daily number of Normal Points (CSTG) in 2012

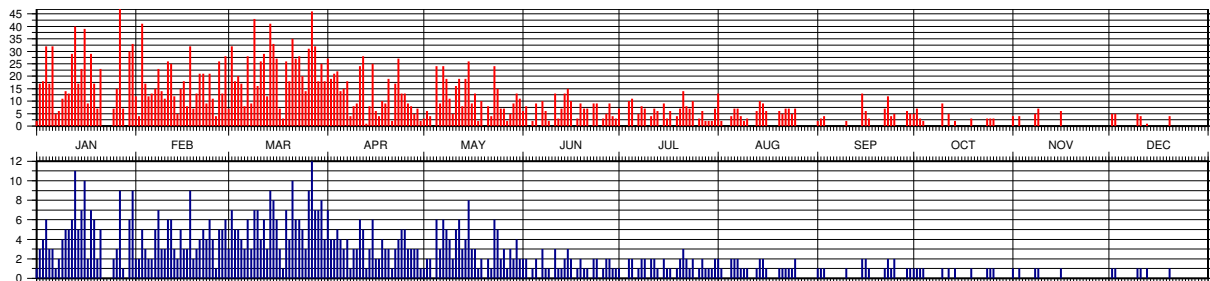


Figure 4.110: Daily number of Normal Points (CSTG) in 2012

4.24.7 Daily number of Full-Rate data (MERIT-II) in 2012

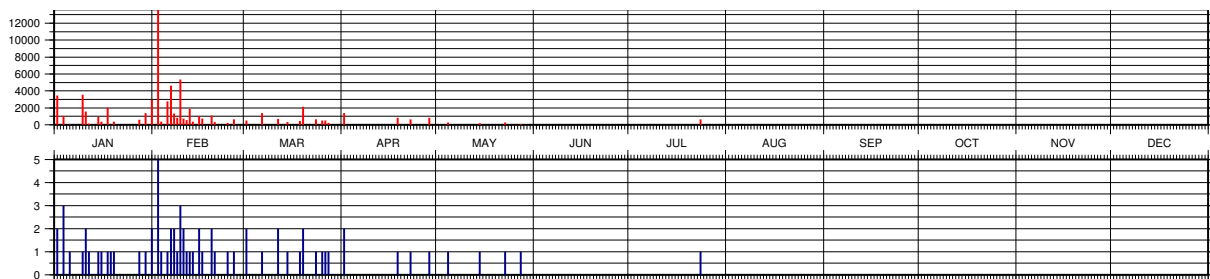


Figure 4.111: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.24.8 Stations tracked Glonass-102 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	196 ¹ / 80 ²	0 / 0	11 / 4	0 / 0
Arkhyz, Russia (18869601)	96 / 35	0 / 0	2 / 1	0 / 0
Badary, Russia (18900901)	6 / 2	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	213 / 71	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	117 / 31	0 / 0	44 / 10	0 / 0
Changchun, China (72371901)	383 / 116	159870 / 112	220 / 52	37857 / 51
Concepcion, Chile (74057904)	177 / 28	96742 / 27	113 / 19	29361 / 15
Golosiv, Ukraine (18248101)	15 / 5	69 / 5	10 / 3	0 / 0
Grasse, France (LLR) (78457801)	119 / 38	17795 / 37	61 / 17	0 / 0
Graz, Austria (78393402)	537 / 91	0 / 0	248 / 44	0 / 0
Greenbelt, Maryland (71050725)	143 / 40	0 / 0	221 / 69	0 / 0
Hartebeesthoek, South Africa (75010602)	390 / 94	0 / 0	50 / 12	0 / 0
Herstmonceux, United Kingdom (78403501)	140 / 47	12019 / 34	89 / 31	0 / 0
Katzively, Ukraine (18931801)	148 / 21	1453 / 21	92 / 13	247 / 2
Koganei, Japan(CRL) (73085001)	148 / 27	0 / 0	92 / 17	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	161 / 71	0 / 0	17 / 5	0 / 0
Matera, Italy (MLRO) (79417701)	387 / 105	110779 / 105	176 / 48	0 / 0
McDonald Observatory, Texas (70802419)	19 / 5	0 / 0	11 / 3	0 / 0
Monument Peak, California (71100412)	76 / 30	0 / 0	77 / 30	0 / 0
Mt Stromlo, Australia (78259001)	112 / 35	0 / 0	112 / 35	0 / 0
Potsdam, Germany (78418701)	51 / 8	0 / 0	37 / 6	0 / 0
San Fernando, Spain (78244502)	0 / 0	0 / 0	7 / 2	34 / 2
San Juan, Argentina (74068801)	622 / 123	11399 / 120	655 / 129	0 / 0
Shanghai, China (78212801)	95 / 22	0 / 0	38 / 8	0 / 0
Simeiz, Ukraine (18734901)	4 / 1	33 / 1	4 / 1	0 / 0
Simosato, Japan (78383603)	114 / 16	0 / 0	36 / 5	0 / 0
Tahiti, French Polynesia (71240802)	66 / 17	0 / 0	0 / 0	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	3 / 1	0 / 0
Wettzell, Germany (WLRS) (88341001)	397 / 118	47803 / 79	211 / 67	0 / 0
Yarragadee, Australia (70900513)	504 / 159	0 / 0	224 / 72	0 / 0
Zelenchukskya, Russia (18899901)	70 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	359 / 117	0 / 0	187 / 59	0 / 0

¹ Number of observations; ² Number of files/passes

4.25 Glonass-103 (0606202)

4.25.1 Common Information

Official name:	glonass103
COSPAR ID:	0606202
SIC Code:	9103
NORAD ID:	29671
Launch Date:	2006-12-25

4.25.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	221 ¹ / 40 ²	19292 / 17	230 / 43	16412 / 14	26 ²
February	174 / 40	21346 / 15	192 / 45	21415 / 19	29
March	333 / 74	13994 / 18	330 / 74	9181 / 8	30
April	121 / 32	8547 / 12	113 / 31	1512 / 3	30
May	128 / 40	9395 / 10	106 / 34	8783 / 7	30
June	89 / 33	0 / 0	11 / 5	0 / 0	29
July	205 / 58	770 / 3	0 / 0	0 / 0	29
August	209 / 54	2555 / 10	0 / 0	0 / 0	31
September	200 / 51	13816 / 13	0 / 0	0 / 0	30
October	207 / 37	36223 / 16	0 / 0	0 / 0	26
November	127 / 37	43189 / 27	0 / 0	0 / 0	29
December	154 / 42	23187 / 24	0 / 0	0 / 0	31
Year	2168 / 538	192314 / 165	982 / 232	57303 / 51	350

¹ Number of observations; ² Number of files/passes

4.25.3 Daily number of Predictions (CPF) in 2012

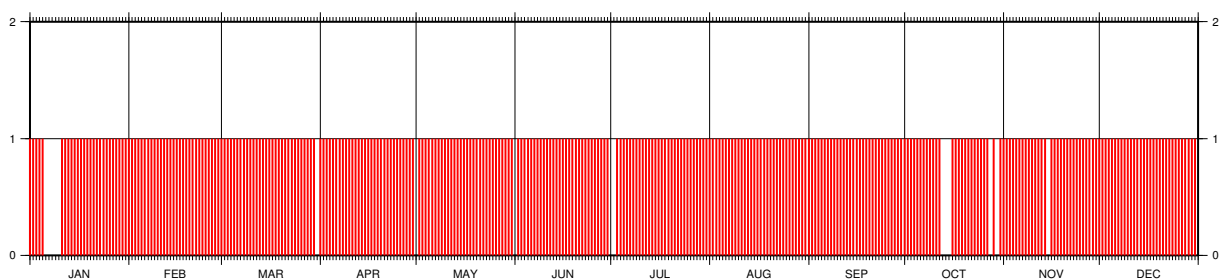


Figure 4.112: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.25.4 Daily number of Normal Points (CRD) in 2012

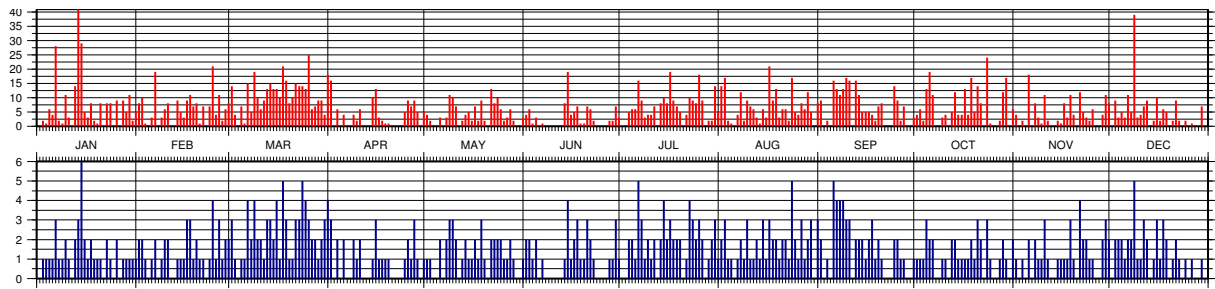


Figure 4.113: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.25.5 Daily number of Full-Rate data (CRD) in 2012

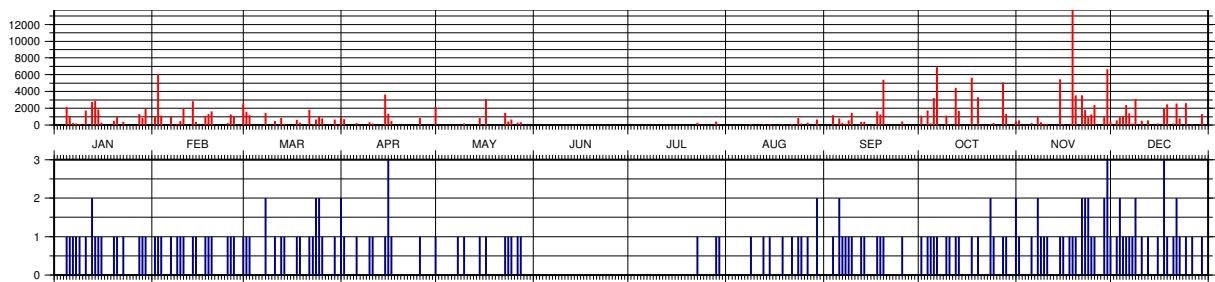


Figure 4.114: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.25.6 Daily number of Normal Points (CSTG) in 2012

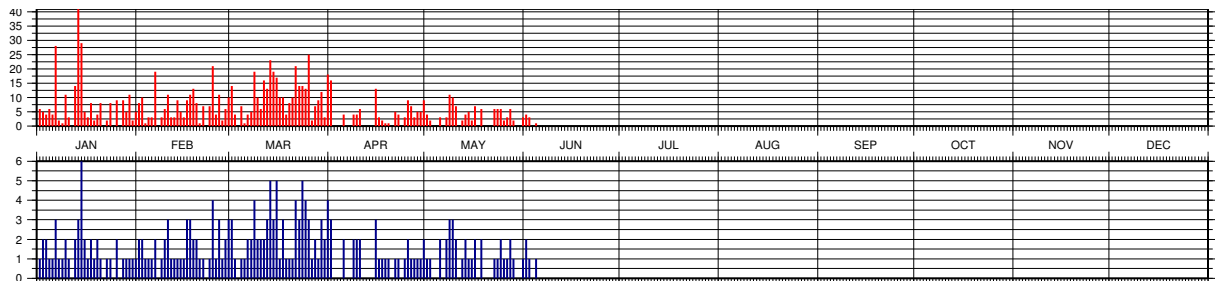


Figure 4.115: Daily number of Normal Points (CSTG) in 2012

4.25.7 Daily number of Full-Rate data (MERIT-II) in 2012

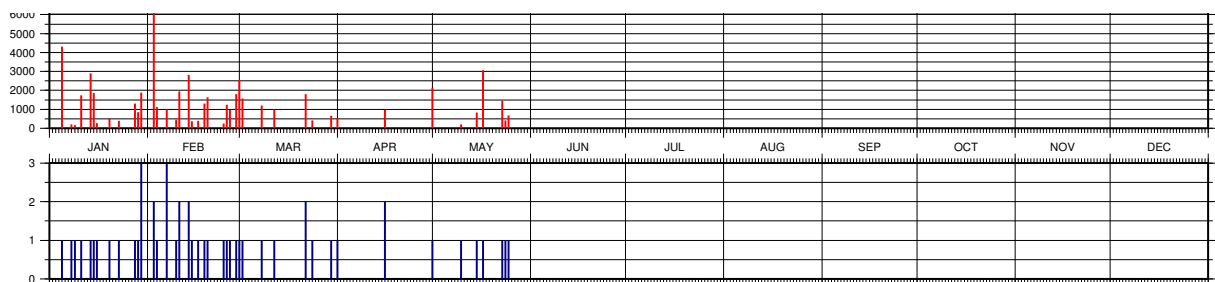


Figure 4.116: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.25.8 Stations tracked Glonass-103 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	15 ¹ / 6 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	11 / 2	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	447 / 115	172789 / 114	266 / 55	57303 / 51
Graz, Austria (78393402)	513 / 81	0 / 0	284 / 44	0 / 0
Herstmonceux, United Kingdom (78403501)	190 / 63	19318 / 49	109 / 34	0 / 0
Shanghai, China (78212801)	60 / 17	0 / 0	11 / 3	0 / 0
Simeiz, Ukraine (18734901)	15 / 2	207 / 2	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	13 / 4	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	250 / 81	0 / 0	95 / 26	0 / 0
Zelenchukskya, Russia (18899901)	85 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	569 / 150	0 / 0	217 / 70	0 / 0

¹ Number of observations; ² Number of files/passes

4.26 Glonass-105 (0705202)

4.26.1 Common Information

Official name:	glonass105
COSPAR ID:	0705202
SIC Code:	9105
NORAD ID:	32276
Launch Date:	2007-10-26

4.26.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	145 ¹ / 29 ²	5029 / 6	167 / 36	3896 / 3	26 ²
February	158 / 33	14157 / 15	197 / 44	14431 / 15	29
March	229 / 57	15687 / 18	243 / 63	10280 / 8	30
April	136 / 44	6015 / 14	122 / 40	1857 / 4	30
May	118 / 42	9287 / 13	106 / 39	8199 / 9	30
June	121 / 33	3206 / 5	15 / 3	1645 / 1	30
July	171 / 61	13853 / 9	28 / 7	11591 / 6	28
August	158 / 50	8861 / 13	2 / 1	0 / 0	31
September	120 / 43	8366 / 12	0 / 0	0 / 0	30
October	156 / 40	13091 / 12	0 / 0	0 / 0	26
November	37 / 15	7604 / 8	0 / 0	0 / 0	28
December	76 / 27	25698 / 15	0 / 0	0 / 0	31
Year	1625 / 474	130854 / 140	880 / 233	51899 / 46	349

¹ Number of observations; ² Number of files/passes

4.26.3 Daily number of Predictions (CPF) in 2012

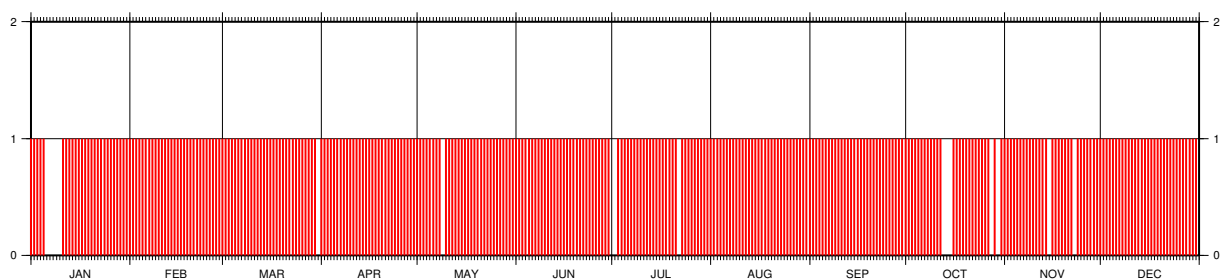


Figure 4.117: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.26.4 Daily number of Normal Points (CRD) in 2012

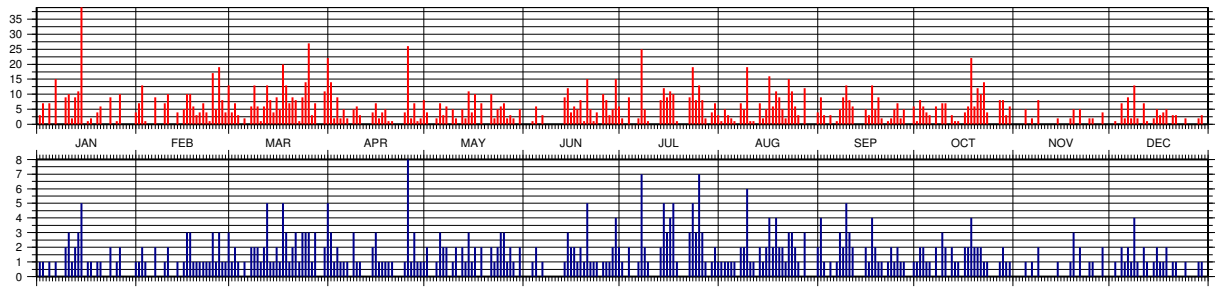


Figure 4.118: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.26.5 Daily number of Full-Rate data (CRD) in 2012

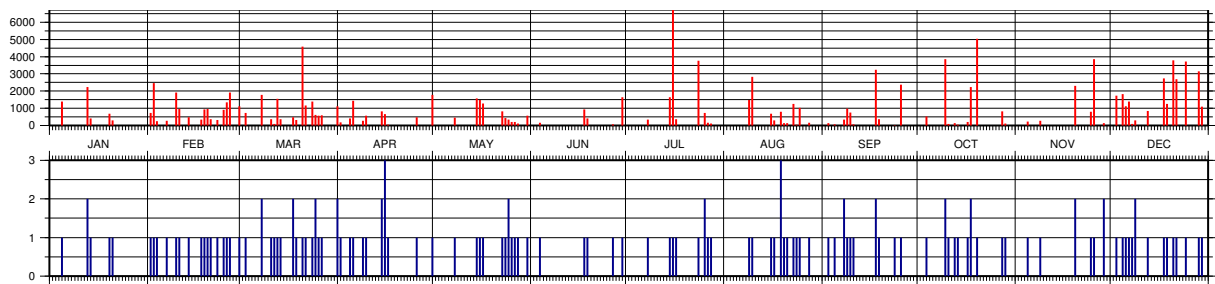


Figure 4.119: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.26.6 Daily number of Normal Points (CSTG) in 2012

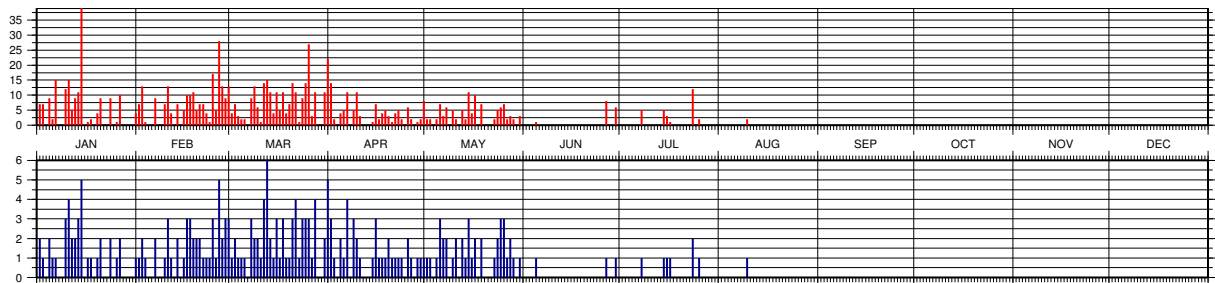


Figure 4.120: Daily number of Normal Points (CSTG) in 2012

4.26.7 Daily number of Full-Rate data (MERIT-II) in 2012

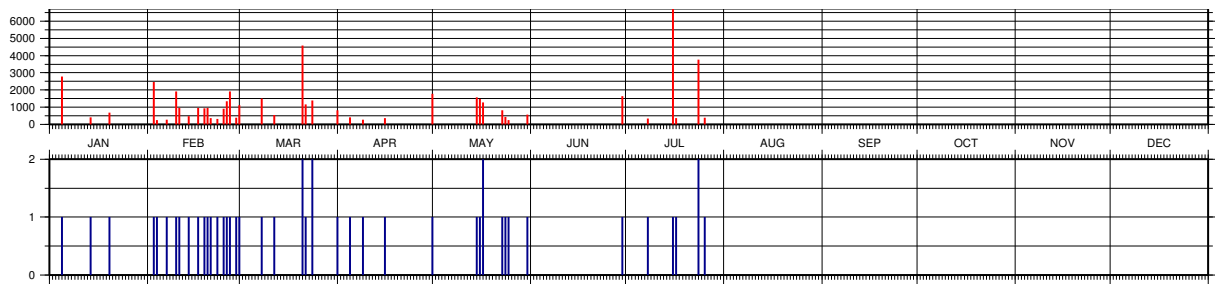


Figure 4.121: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.26.8 Stations tracked Glonass-105 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	14 ¹ / 6 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	355 / 96	119594 / 94	250 / 55	51899 / 46
Graz, Austria (78393402)	453 / 87	0 / 0	237 / 44	0 / 0
Herstmonceux, United Kingdom (78403501)	152 / 53	10955 / 42	102 / 32	0 / 0
Shanghai, China (78212801)	58 / 19	0 / 0	24 / 7	0 / 0
Simeiz, Ukraine (18734901)	26 / 4	305 / 4	19 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	7 / 2	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	209 / 70	0 / 0	111 / 36	0 / 0
Zelenchukskya, Russia (18899901)	65 / 19	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	286 / 118	0 / 0	137 / 56	0 / 0

¹ Number of observations; ² Number of files/passes

4.27 Glonass-106 (0705201)

4.27.1 Common Information

Official name:	glonass106
COSPAR ID:	0705201
SIC Code:	9106
NORAD ID:	32275
Launch Date:	2007-10-26

4.27.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	152 ¹ / 35 ²	5366 / 7	186 / 45	0 / 0	26 ²
February	176 / 40	12962 / 16	223 / 53	0 / 0	29
March	237 / 60	15595 / 21	216 / 59	0 / 0	30
April	118 / 30	3587 / 11	103 / 26	0 / 0	30
May	167 / 57	3204 / 8	118 / 40	0 / 0	30
June	98 / 34	5146 / 7	21 / 4	0 / 0	30
July	146 / 47	27773 / 10	0 / 0	0 / 0	25
August	179 / 61	10457 / 13	0 / 0	0 / 0	31
September	131 / 51	4530 / 9	0 / 0	0 / 0	30
October	183 / 44	5289 / 14	0 / 0	0 / 0	26
November	80 / 22	11841 / 11	0 / 0	0 / 0	29
December	73 / 24	37716 / 12	0 / 0	0 / 0	31
Year	1740 / 505	143466 / 139	867 / 227	0 / 0	347

¹ Number of observations; ² Number of files/passes

4.27.3 Daily number of Predictions (CPF) in 2012

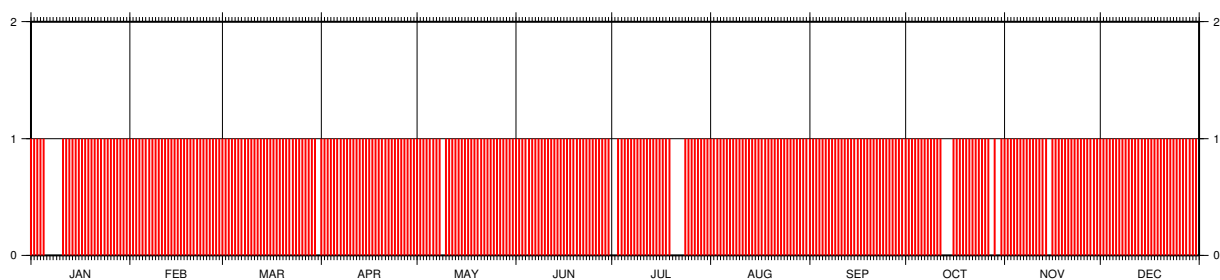


Figure 4.122: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.27.4 Daily number of Normal Points (CRD) in 2012

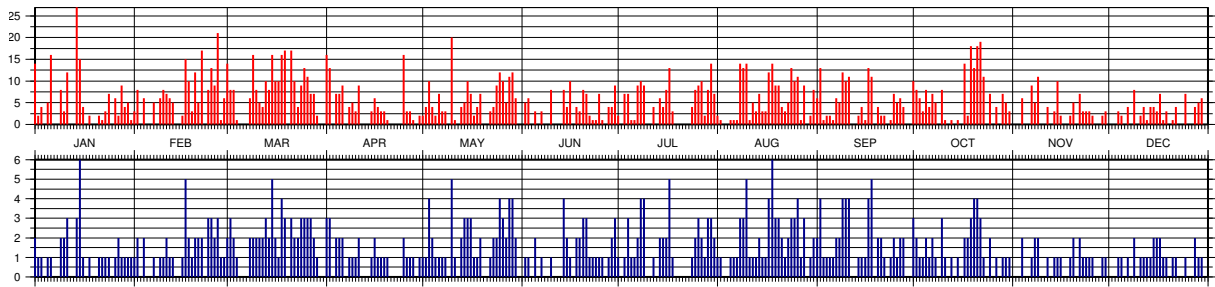


Figure 4.123: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.27.5 Daily number of Full-Rate data (CRD) in 2012

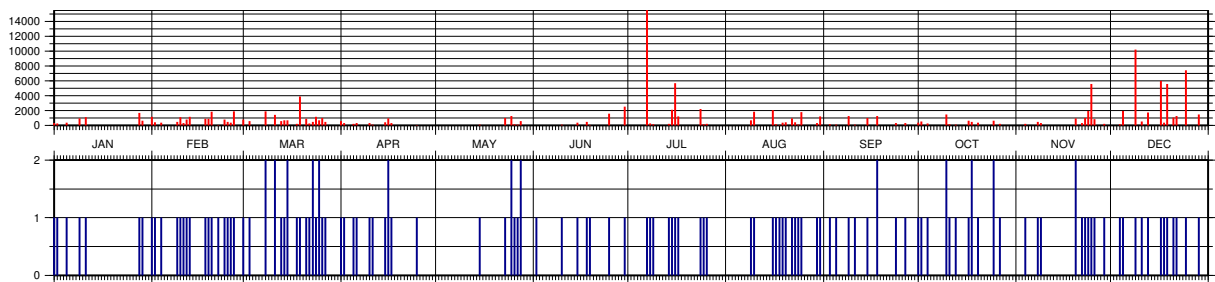


Figure 4.124: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.27.6 Daily number of Normal Points (CSTG) in 2012

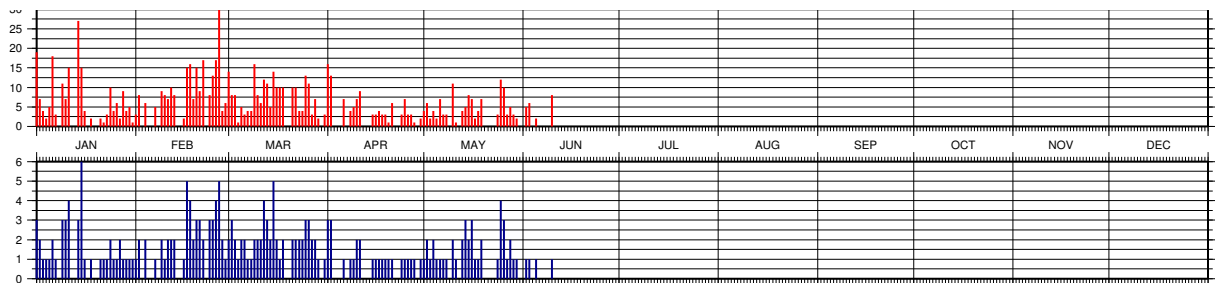


Figure 4.125: Daily number of Normal Points (CSTG) in 2012

4.27.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.27.8 Stations tracked Glonass-106 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	13 ¹ / 6 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	8 / 3	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	339 / 96	129374 / 94	128 / 26	0 / 0
Graz, Austria (78393402)	521 / 104	0 / 0	257 / 48	0 / 0
Herstmonceux, United Kingdom (78403501)	153 / 52	13848 / 41	112 / 37	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	4 / 2	0 / 0	0 / 0	0 / 0
Shanghai, China (78212801)	63 / 16	0 / 0	24 / 5	0 / 0
Simeiz, Ukraine (18734901)	26 / 4	244 / 4	26 / 4	0 / 0
Wetzell, Germany (WLRS) (88341001)	7 / 3	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	190 / 63	0 / 0	135 / 41	0 / 0
Zelenchukskya, Russia (18899901)	53 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	363 / 139	0 / 0	185 / 66	0 / 0

¹ Number of observations; ² Number of files/passes

4.28 Glonass-107 (0706501)

4.28.1 Common Information

Official name:	glonass107
COSPAR ID:	0706501
SIC Code:	9107
NORAD ID:	32393
Launch Date:	2007-12-25

4.28.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	184 ¹ / 43 ²	26918 / 17	201 / 51	26418 / 15	26 ²
February	201 / 42	17523 / 17	209 / 47	16438 / 16	29
March	215 / 48	9070 / 15	257 / 63	5521 / 8	30
April	86 / 29	7512 / 9	118 / 39	5746 / 6	30
May	94 / 34	553 / 3	61 / 22	380 / 2	30
June	54 / 17	0 / 0	3 / 1	0 / 0	30
July	172 / 53	4369 / 2	3 / 1	4108 / 1	29
August	216 / 52	13681 / 9	4 / 1	2037 / 1	31
September	201 / 46	15216 / 12	0 / 0	0 / 0	30
October	207 / 50	34737 / 19	0 / 0	0 / 0	25
November	100 / 33	28437 / 19	0 / 0	0 / 0	28
December	160 / 46	58347 / 33	0 / 0	0 / 0	31
Year	1890 / 493	216363 / 155	856 / 225	60648 / 49	349

¹ Number of observations; ² Number of files/passes

4.28.3 Daily number of Predictions (CPF) in 2012

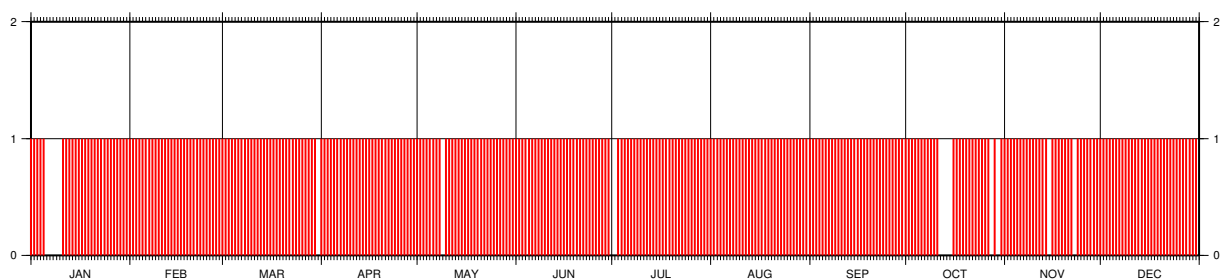


Figure 4.126: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.28.4 Daily number of Normal Points (CRD) in 2012

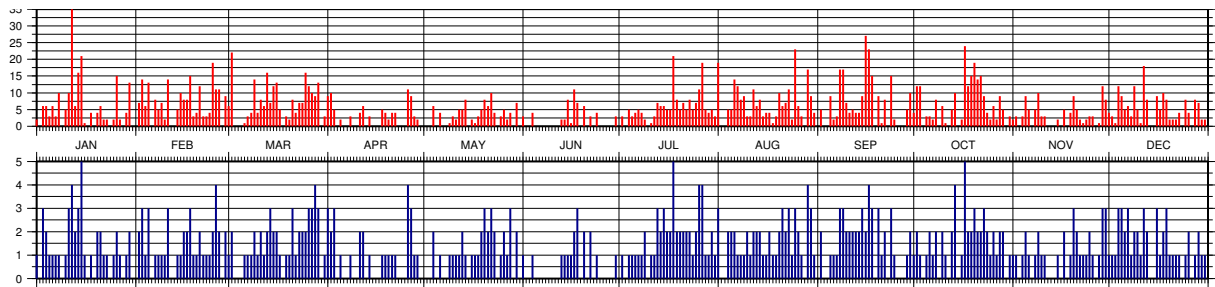


Figure 4.127: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.28.5 Daily number of Full-Rate data (CRD) in 2012

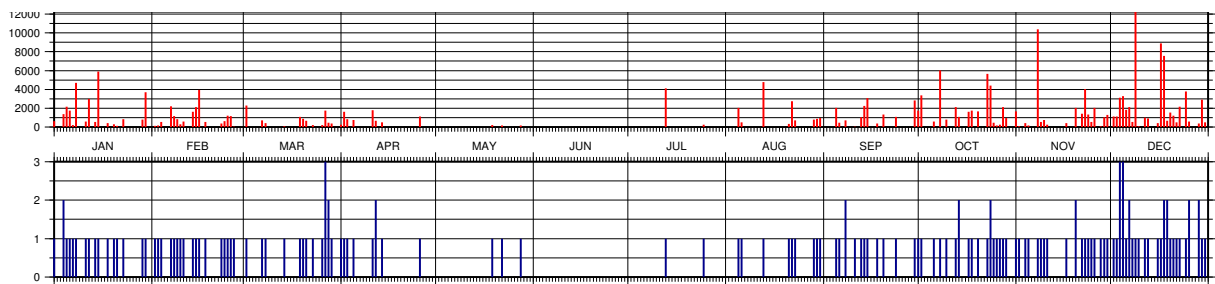


Figure 4.128: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.28.6 Daily number of Normal Points (CSTG) in 2012

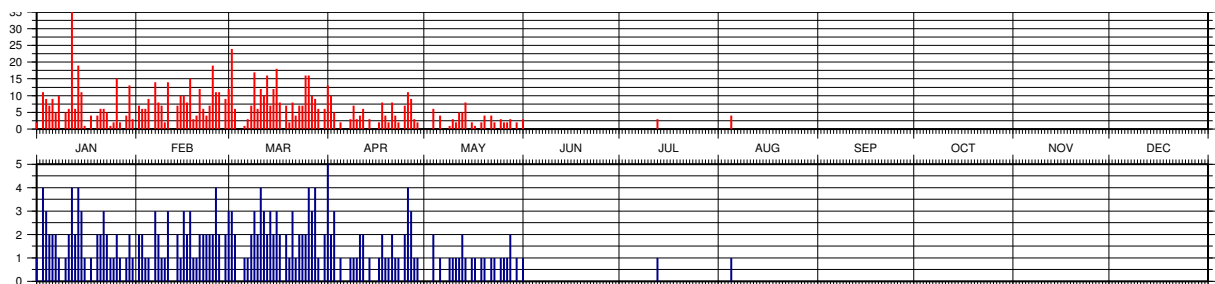


Figure 4.129: Daily number of Normal Points (CSTG) in 2012

4.28.7 Daily number of Full-Rate data (MERIT-II) in 2012

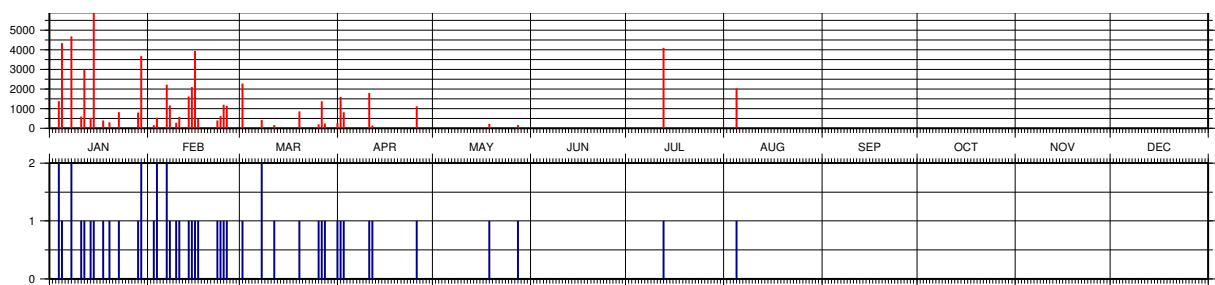


Figure 4.130: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.28.8 Stations tracked Glonass-107 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	4 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	10 / 2	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	429 / 124	205156 / 122	220 / 51	60648 / 49
Graz, Austria (78393402)	476 / 81	0 / 0	190 / 37	0 / 0
Herstmonceux, United Kingdom (78403501)	149 / 47	10929 / 30	102 / 30	0 / 0
Shanghai, China (78212801)	71 / 18	0 / 0	32 / 8	0 / 0
Simeiz, Ukraine (18734901)	15 / 3	278 / 3	5 / 1	0 / 0
Svetloe, Russia (18889801)	4 / 2	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	221 / 66	0 / 0	138 / 46	0 / 0
Zelenchukskya, Russia (18899901)	78 / 19	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	433 / 129	0 / 0	169 / 52	0 / 0

¹ Number of observations; ² Number of files/passes

4.29 Glonass-109 (0706503)

4.29.1 Common Information

Official name:	glonass109
COSPAR ID:	0706503
SIC Code:	9109
NORAD ID:	32395
Launch Date:	2007-12-25

4.29.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	558 ¹ / 133 ²	73773 / 47	520 / 116	27198 / 20	88 ²
February	557 / 140	45393 / 42	509 / 119	40245 / 31	86
March	683 / 172	92549 / 91	872 / 210	23914 / 15	64
April	408 / 97	61156 / 61	514 / 130	32626 / 13	89
May	471 / 131	22273 / 47	360 / 98	5493 / 5	91
June	415 / 104	29193 / 59	213 / 45	0 / 0	89
July	552 / 138	53516 / 53	130 / 26	1682 / 2	90
August	617 / 160	48047 / 69	106 / 26	905 / 1	93
September	644 / 149	77155 / 52	32 / 7	0 / 0	90
October	650 / 176	46562 / 48	42 / 11	0 / 0	87
November	649 / 172	143832 / 62	29 / 7	0 / 0	88
December	429 / 119	98897 / 50	26 / 7	0 / 0	90
Year	6633 / 1691	792346 / 681	3353 / 802	132063 / 87	1045

¹ Number of observations; ² Number of files/passes

4.29.3 Daily number of Predictions (CPF) in 2012

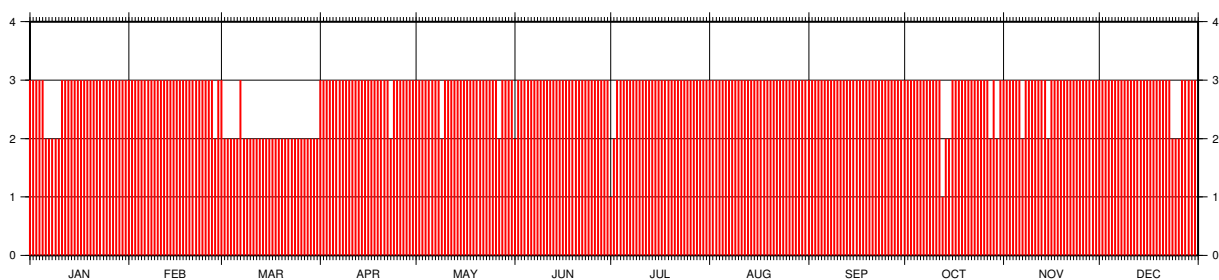


Figure 4.131: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.29.4 Daily number of Normal Points (CRD) in 2012

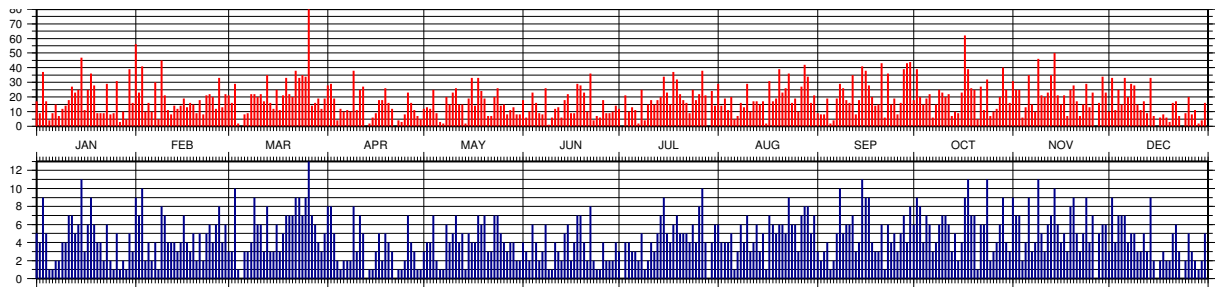


Figure 4.132: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.29.5 Daily number of Full-Rate data (CRD) in 2012

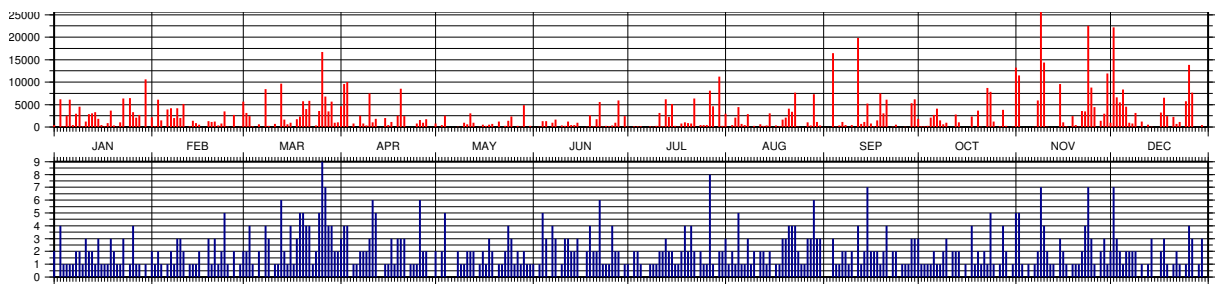


Figure 4.133: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.29.6 Daily number of Normal Points (CSTG) in 2012

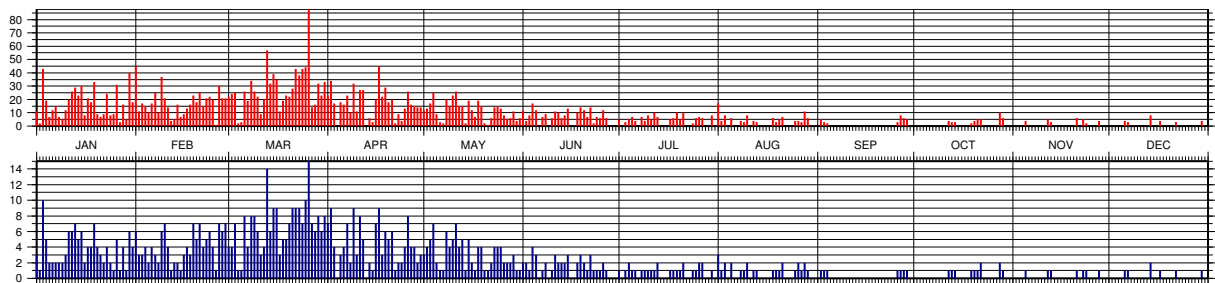


Figure 4.134: Daily number of Normal Points (CSTG) in 2012

4.29.7 Daily number of Full-Rate data (MERIT-II) in 2012

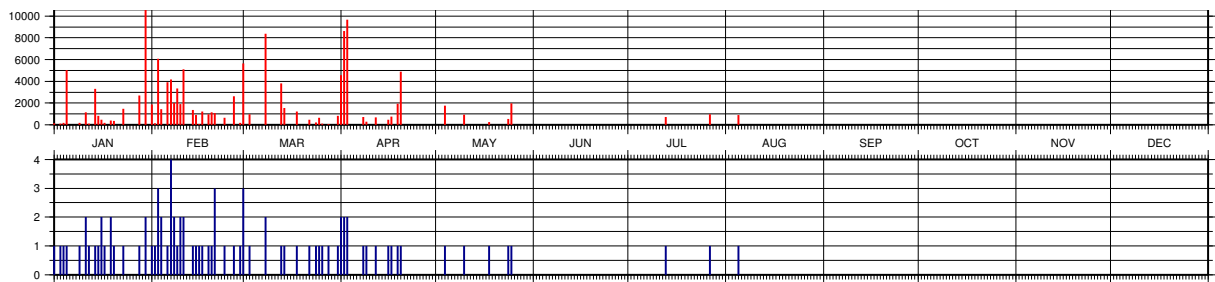


Figure 4.135: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.29.8 Stations tracked Glonass-109 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	204 ¹ / 81 ²	0 / 0	16 / 6	0 / 0
Arkhyz, Russia (18869601)	130 / 44	0 / 0	2 / 1	0 / 0
Badary, Russia (18900901)	25 / 4	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	193 / 58	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	166 / 29	0 / 0	58 / 10	0 / 0
Changchun, China (72371901)	431 / 121	214726 / 120	262 / 55	61112 / 51
Concepcion, Chile (74057904)	311 / 51	150417 / 51	235 / 40	70403 / 31
Golosiv, Ukraine (18248101)	24 / 9	105 / 9	17 / 6	0 / 0
Grasse, France (LLR) (78457801)	184 / 59	25899 / 59	97 / 30	0 / 0
Graz, Austria (78393402)	459 / 85	0 / 0	219 / 42	0 / 0
Greenbelt, Maryland (71050725)	213 / 47	0 / 0	169 / 52	0 / 0
Hartebeesthoek, South Africa (75010602)	189 / 46	0 / 0	38 / 13	0 / 0
Herstmonceux, United Kingdom (78403501)	161 / 47	16020 / 34	103 / 29	0 / 0
Katzively, Ukraine (18931801)	195 / 29	2319 / 29	110 / 16	548 / 5
Koganei, Japan(CRL) (73085001)	175 / 31	0 / 0	108 / 19	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	167 / 75	0 / 0	21 / 9	0 / 0
Matera, Italy (MLRO) (79417701)	732 / 189	331060 / 190	190 / 56	0 / 0
McDonald Observatory, Texas (70802419)	96 / 26	0 / 0	30 / 7	0 / 0
Monument Peak, California (71100412)	130 / 45	0 / 0	54 / 18	0 / 0
Mt Stromlo, Australia (78259001)	89 / 31	0 / 0	89 / 31	0 / 0
Potsdam, Germany (78418701)	54 / 6	0 / 0	34 / 3	0 / 0
San Juan, Argentina (74068801)	733 / 145	11655 / 138	794 / 154	0 / 0
Shanghai, China (78212801)	68 / 21	1599 / 1	15 / 6	0 / 0
Simeiz, Ukraine (18734901)	7 / 1	129 / 1	0 / 0	0 / 0
Simosato, Japan (78383603)	88 / 12	0 / 0	31 / 4	0 / 0
Tahiti, French Polynesia (71240802)	28 / 8	0 / 0	0 / 0	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	7 / 2	0 / 0
Wetzell, Germany (WLRS) (88341001)	419 / 98	38417 / 49	146 / 43	0 / 0
Yarragadee, Australia (70900513)	425 / 130	0 / 0	301 / 82	0 / 0
Zelenchukskya, Russia (18899901)	92 / 22	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	432 / 139	0 / 0	189 / 65	0 / 0

¹ Number of observations; ² Number of files/passes

4.30 Glonass-110 (0804601)

4.30.1 Common Information

Official name:	glonass110
COSPAR ID:	0804601
SIC Code:	9110
NORAD ID:	33378
Launch Date:	2008-09-25

4.30.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	338 ¹ / 89 ²	16546 / 23	392 / 102	5525 / 9	88 ²
February	437 / 119	58604 / 41	446 / 105	49276 / 23	86
March	721 / 172	63928 / 87	832 / 200	20256 / 27	64
April	394 / 96	45419 / 56	491 / 131	9524 / 9	89
May	650 / 158	61833 / 71	532 / 123	3976 / 5	89
June	557 / 149	104350 / 85	205 / 44	2787 / 3	90
July	517 / 138	68139 / 50	119 / 28	10534 / 6	88
August	499 / 141	25268 / 42	77 / 17	0 / 0	88
September	506 / 150	14385 / 31	51 / 12	0 / 0	90
October	553 / 143	17426 / 32	37 / 9	0 / 0	87
November	377 / 101	18106 / 36	51 / 10	0 / 0	89
December	312 / 84	31616 / 37	76 / 14	0 / 0	90
Year	5861 / 1540	525620 / 591	3309 / 795	101878 / 82	1038

¹ Number of observations; ² Number of files/passes

4.30.3 Daily number of Predictions (CPF) in 2012

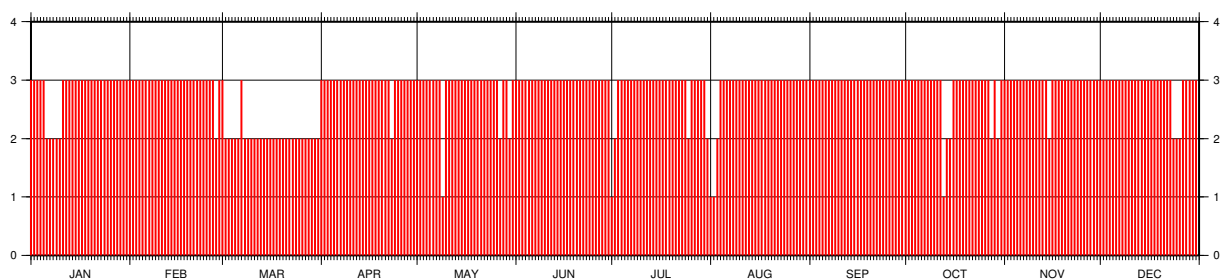


Figure 4.136: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.30.4 Daily number of Normal Points (CRD) in 2012

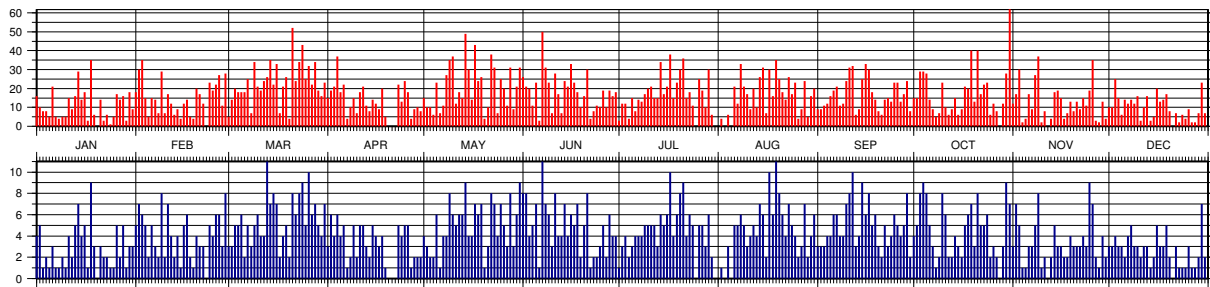


Figure 4.137: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.30.5 Daily number of Full-Rate data (CRD) in 2012

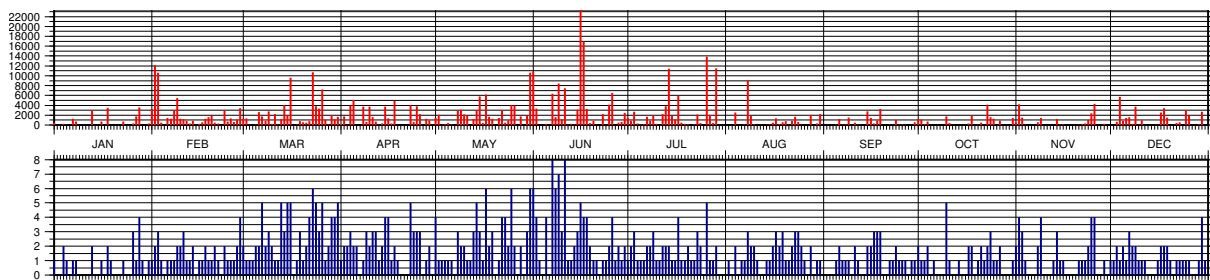


Figure 4.138: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.30.6 Daily number of Normal Points (CSTG) in 2012

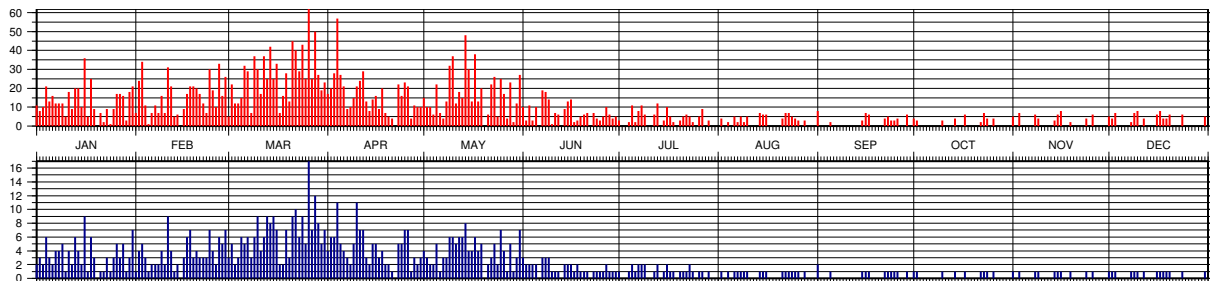


Figure 4.139: Daily number of Normal Points (CSTG) in 2012

4.30.7 Daily number of Full-Rate data (MERIT-II) in 2012

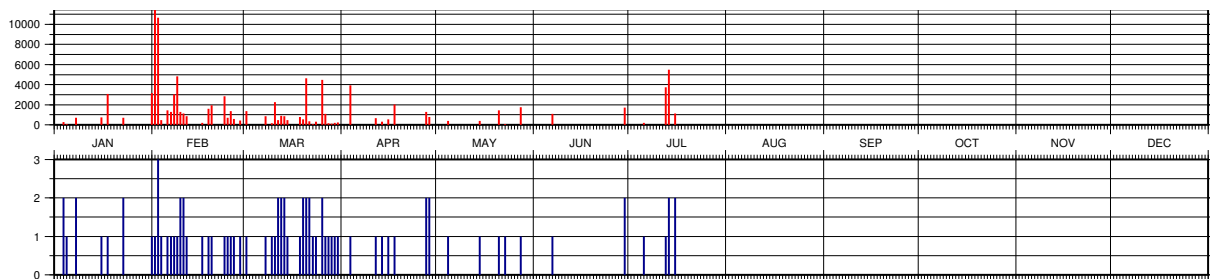


Figure 4.140: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.30.8 Stations tracked Glonass-110 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	167 ¹ / 72 ²	0 / 0	14 / 4	0 / 0
Arkhyz, Russia (18869601)	64 / 19	0 / 0	3 / 1	0 / 0
Badary, Russia (18900901)	19 / 6	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	164 / 53	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	144 / 33	0 / 0	77 / 13	0 / 0
Changchun, China (72371901)	382 / 100	118639 / 99	244 / 53	53140 / 52
Concepcion, Chile (74057904)	273 / 44	96902 / 43	207 / 34	48601 / 28
Golosiv, Ukraine (18248101)	16 / 6	77 / 6	14 / 5	0 / 0
Grasse, France (LLR) (78457801)	143 / 43	17974 / 43	80 / 22	0 / 0
Graz, Austria (78393402)	493 / 96	0 / 0	245 / 51	0 / 0
Greenbelt, Maryland (71050725)	91 / 27	0 / 0	173 / 59	0 / 0
Hartebeesthoek, South Africa (75010602)	229 / 57	0 / 0	45 / 16	0 / 0
Herstmonceux, United Kingdom (78403501)	131 / 48	10383 / 38	94 / 32	0 / 0
Katzively, Ukraine (18931801)	206 / 30	2774 / 30	105 / 15	137 / 2
Koganei, Japan(CRL) (73085001)	107 / 19	0 / 0	65 / 11	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	144 / 63	0 / 0	28 / 11	0 / 0
Matera, Italy (MLRO) (79417701)	412 / 119	172268 / 119	159 / 47	0 / 0
McDonald Observatory, Texas (70802419)	64 / 17	0 / 0	21 / 6	0 / 0
Monument Peak, California (71100412)	102 / 37	0 / 0	66 / 23	0 / 0
Mt Stromlo, Australia (78259001)	95 / 20	0 / 0	95 / 20	0 / 0
Potsdam, Germany (78418701)	13 / 2	0 / 0	13 / 2	0 / 0
San Fernando, Spain (78244502)	2 / 1	27 / 1	0 / 0	0 / 0
San Juan, Argentina (74068801)	624 / 124	7023 / 119	702 / 138	0 / 0
Shanghai, China (78212801)	69 / 19	0 / 0	34 / 8	0 / 0
Simeiz, Ukraine (18734901)	33 / 5	316 / 5	27 / 4	0 / 0
Simosato, Japan (78383603)	91 / 12	0 / 0	47 / 6	0 / 0
Svetloe, Russia (18889801)	11 / 5	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	20 / 7	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	523 / 124	99237 / 88	291 / 69	0 / 0
Yarragadee, Australia (70900513)	511 / 166	0 / 0	230 / 71	0 / 0
Zelenchukskya, Russia (18899901)	85 / 23	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	420 / 141	0 / 0	217 / 72	0 / 0

¹ Number of observations; ² Number of files/passes

4.31 Glonass-111 (0804602)

4.31.1 Common Information

Official name:	glonass111
COSPAR ID:	0804602
SIC Code:	9111
NORAD ID:	33379
Launch Date:	2008-09-25

4.31.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	130 ¹ / 33 ²	8641 / 11	144 / 37	8643 / 9	26 ²
February	115 / 33	7965 / 12	140 / 41	8623 / 13	29
March	193 / 54	16140 / 19	199 / 53	10863 / 10	30
April	97 / 33	7817 / 10	76 / 25	5359 / 6	30
May	59 / 23	5576 / 7	55 / 21	4547 / 4	31
June	83 / 28	4393 / 5	19 / 5	3079 / 2	30
July	138 / 49	7787 / 7	20 / 5	6829 / 4	29
August	128 / 38	2406 / 5	0 / 0	0 / 0	29
September	103 / 34	5740 / 12	0 / 0	0 / 0	30
October	111 / 35	12444 / 13	0 / 0	0 / 0	26
November	43 / 11	8643 / 6	0 / 0	0 / 0	29
December	79 / 26	28254 / 16	0 / 0	0 / 0	31
Year	1279 / 397	115806 / 123	653 / 187	47943 / 48	350

¹ Number of observations; ² Number of files/passes

4.31.3 Daily number of Predictions (CPF) in 2012

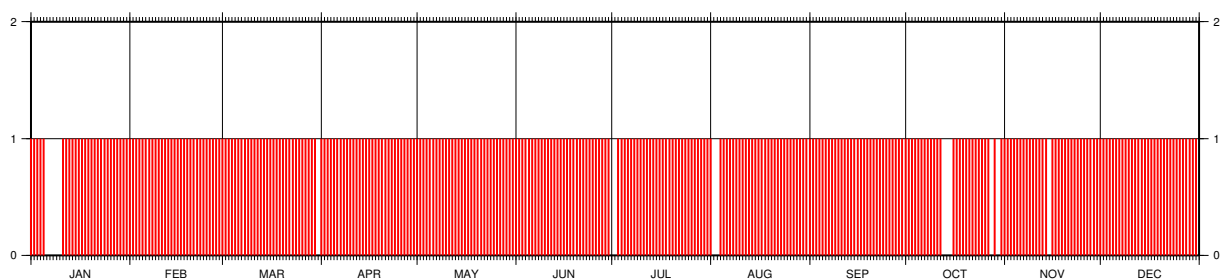


Figure 4.141: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.31.4 Daily number of Normal Points (CRD) in 2012

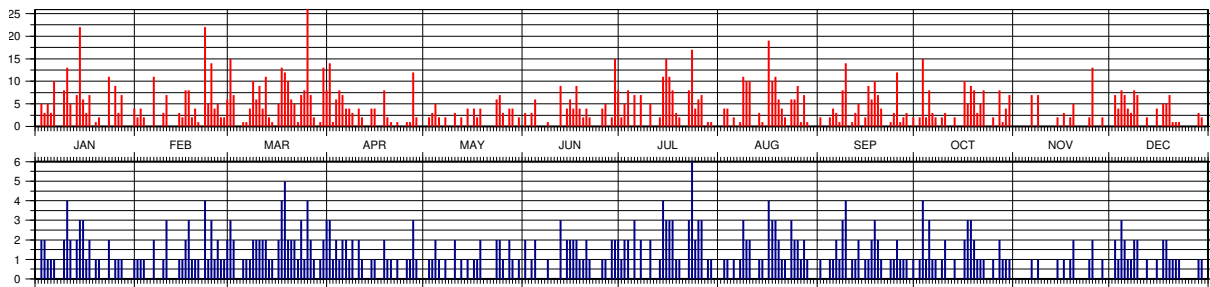


Figure 4.142: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.31.5 Daily number of Full-Rate data (CRD) in 2012

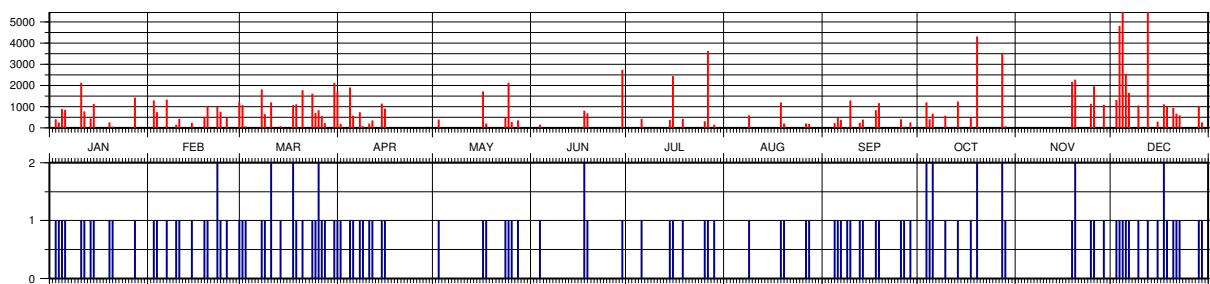


Figure 4.143: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.31.6 Daily number of Normal Points (CSTG) in 2012

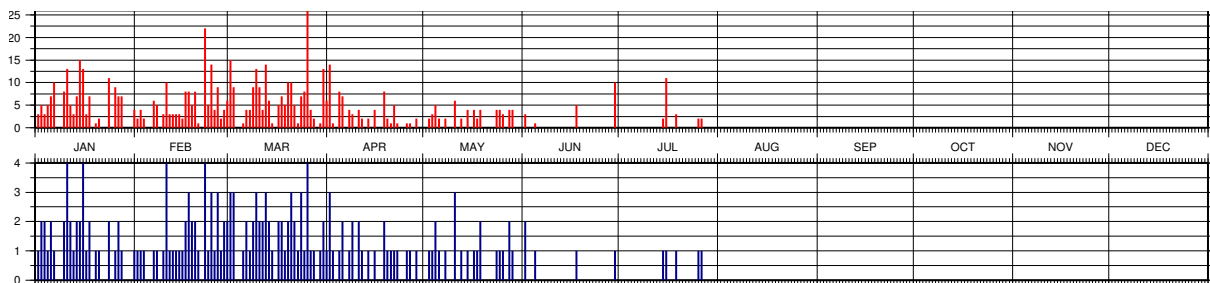


Figure 4.144: Daily number of Normal Points (CSTG) in 2012

4.31.7 Daily number of Full-Rate data (MERIT-II) in 2012

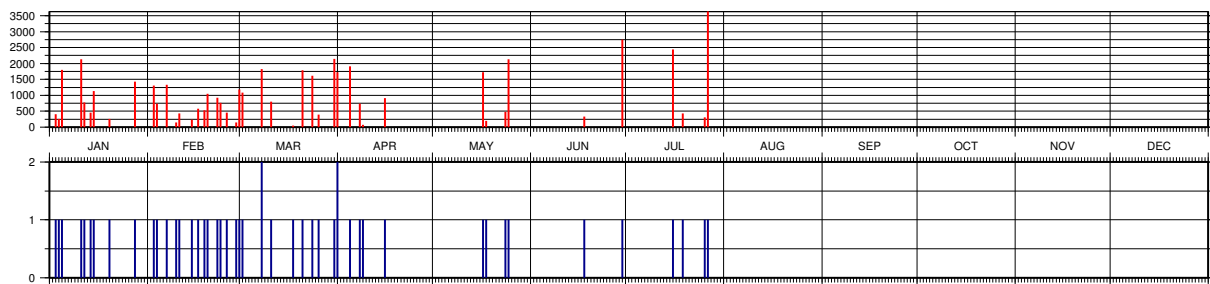


Figure 4.145: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.31.8 Stations tracked Glonass-111 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	3 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	7 / 5	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	329 / 94	104822 / 92	222 / 55	47943 / 48
Graz, Austria (78393402)	355 / 77	0 / 0	178 / 36	0 / 0
Herstmonceux, United Kingdom (78403501)	124 / 42	10918 / 30	83 / 26	0 / 0
Shanghai, China (78212801)	39 / 12	0 / 0	8 / 3	0 / 0
Simeiz, Ukraine (18734901)	5 / 1	66 / 1	5 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	3 / 1	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	166 / 55	0 / 0	62 / 18	0 / 0
Zelenchukskya, Russia (18899901)	51 / 18	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	197 / 91	0 / 0	95 / 48	0 / 0

¹ Number of observations; ² Number of files/passes

4.32 Glonass-114 (0806703)

4.32.1 Common Information

Official name:	glonass114
COSPAR ID:	0806703
SIC Code:	9114
NORAD ID:	33468
Launch Date:	2008-12-25

4.32.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	152 ¹ / 36 ²	8659 / 6	209 / 53	7745 / 6	26 ²
February	159 / 36	5167 / 9	198 / 50	4821 / 9	29
March	188 / 38	3327 / 4	274 / 62	1334 / 3	31
April	85 / 22	512 / 2	113 / 30	336 / 1	30
May	162 / 42	5354 / 9	134 / 33	3443 / 5	31
June	113 / 27	5832 / 7	33 / 8	5134 / 3	29
July	218 / 64	13358 / 16	16 / 8	8798 / 7	29
August	219 / 51	6379 / 13	3 / 2	487 / 2	31
September	232 / 50	19712 / 16	0 / 0	0 / 0	30
October	250 / 59	49622 / 23	0 / 0	0 / 0	26
November	130 / 36	22769 / 16	0 / 0	0 / 0	29
December	156 / 42	29340 / 20	0 / 0	0 / 0	31
Year	2064 / 503	170031 / 141	980 / 246	32098 / 36	352

¹ Number of observations; ² Number of files/passes

4.32.3 Daily number of Predictions (CPF) in 2012

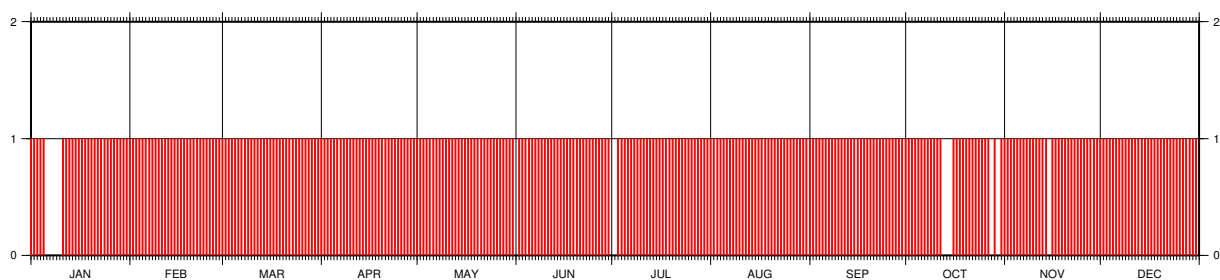


Figure 4.146: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.32.4 Daily number of Normal Points (CRD) in 2012

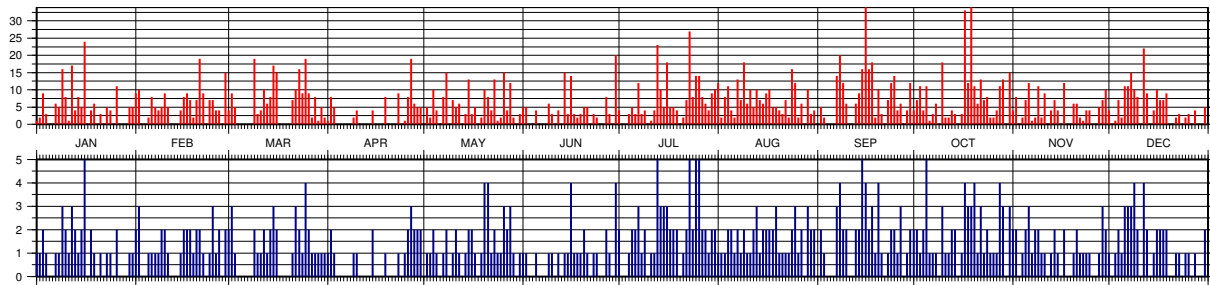


Figure 4.147: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.32.5 Daily number of Full-Rate data (CRD) in 2012

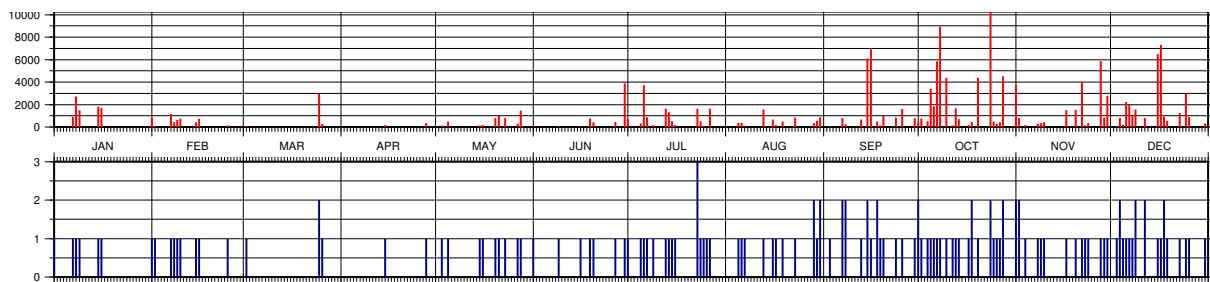


Figure 4.148: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.32.6 Daily number of Normal Points (CSTG) in 2012

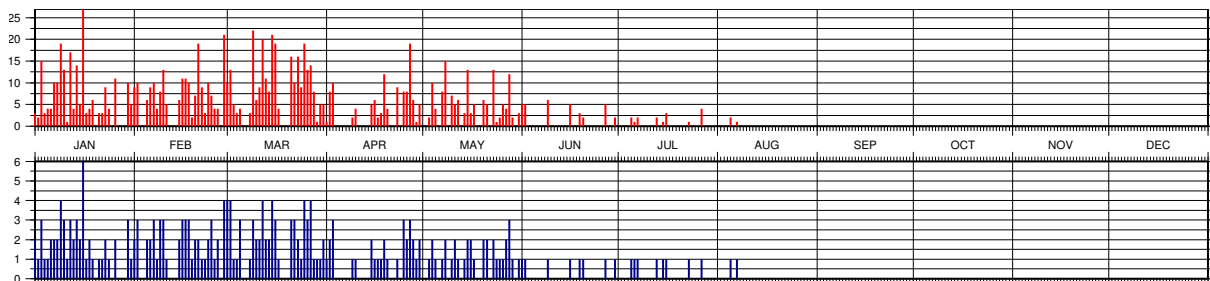


Figure 4.149: Daily number of Normal Points (CSTG) in 2012

4.32.7 Daily number of Full-Rate data (MERIT-II) in 2012

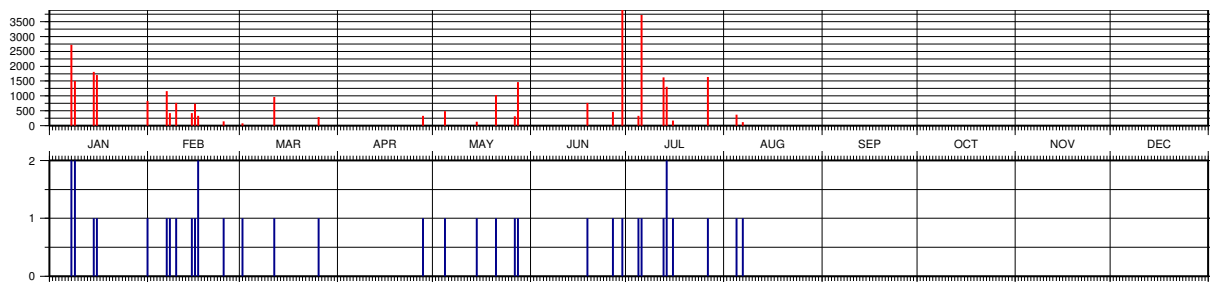


Figure 4.150: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.32.8 Stations tracked Glonass-114 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	3 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	31 / 6	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	318 / 106	161736 / 105	146 / 42	32098 / 36
Graz, Austria (78393402)	535 / 91	0 / 0	215 / 43	0 / 0
Herstmonceux, United Kingdom (78403501)	136 / 46	8028 / 33	63 / 20	0 / 0
Potsdam, Germany (78418701)	27 / 2	0 / 0	0 / 0	0 / 0
Shanghai, China (78212801)	74 / 20	0 / 0	25 / 7	0 / 0
Simeiz, Ukraine (18734901)	16 / 3	267 / 3	16 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	13 / 4	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	184 / 61	0 / 0	194 / 61	0 / 0
Zelenchukskya, Russia (18899901)	68 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	659 / 146	0 / 0	321 / 70	0 / 0

¹ Number of observations; ² Number of files/passes

4.33 Glonass-115 (0806702)

4.33.1 Common Information

Official name:	glonass115
COSPAR ID:	0806702
SIC Code:	9115
NORAD ID:	33467
Launch Date:	—

4.33.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	546 ¹ / 142 ²	57370 / 45	707 / 188	17573 / 10	88 ²
February	412 / 98	26522 / 32	654 / 155	13423 / 10	86
March	615 / 129	55808 / 68	1014 / 234	21173 / 9	64
April	459 / 106	53993 / 61	835 / 202	17734 / 9	89
May	968 / 242	126506 / 79	742 / 171	15622 / 11	90
June	1031 / 253	273507 / 119	318 / 73	17850 / 7	89
July	1191 / 296	352050 / 124	230 / 54	19887 / 6	90
August	1251 / 308	325019 / 126	195 / 40	9767 / 1	93
September	1005 / 265	99908 / 66	84 / 17	0 / 0	55
October	4 / 2	563 / 2	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	7482 / 1841	1371246 / 722	4779 / 1134	133029 / 63	744

¹ Number of observations; ² Number of files/passes

4.33.3 Daily number of Predictions (CPF) in 2012

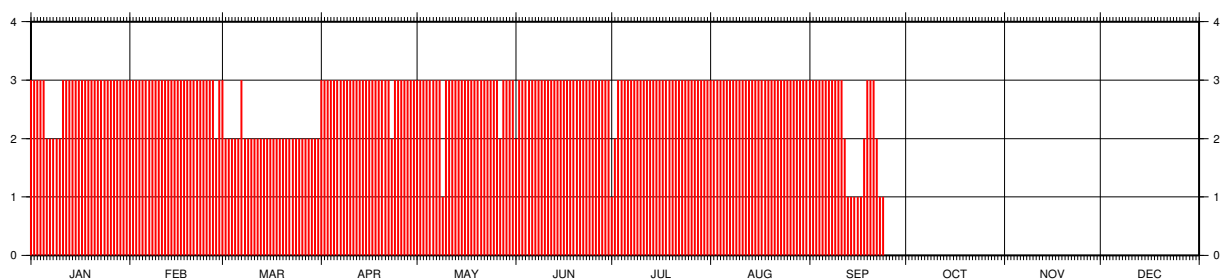


Figure 4.151: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.33.4 Daily number of Normal Points (CRD) in 2012

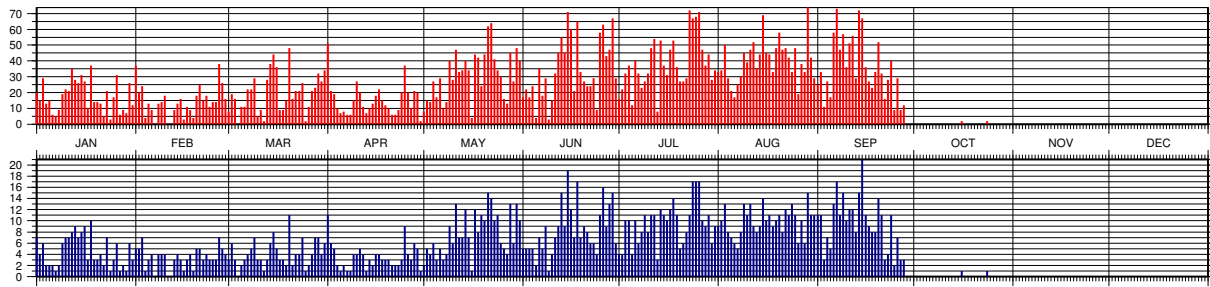


Figure 4.152: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.33.5 Daily number of Full-Rate data (CRD) in 2012

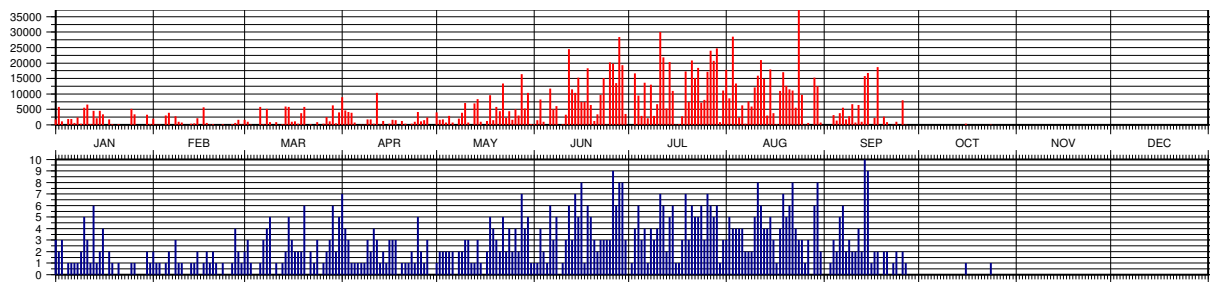


Figure 4.153: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.33.6 Daily number of Normal Points (CSTG) in 2012

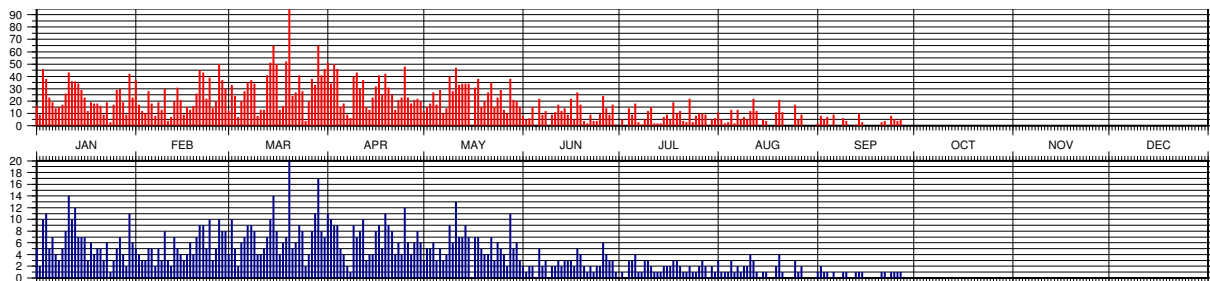


Figure 4.154: Daily number of Normal Points (CSTG) in 2012

4.33.7 Daily number of Full-Rate data (MERIT-II) in 2012

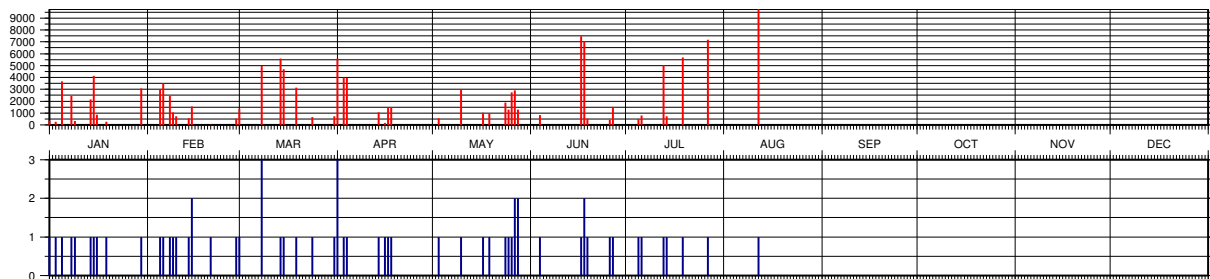


Figure 4.155: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.33.8 Stations tracked Glonass-115 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	228 ¹ / 70 ²	0 / 0	24 / 6	0 / 0
Arkhyz, Russia (18869601)	36 / 12	0 / 0	5 / 1	0 / 0
Badary, Russia (18900901)	11 / 2	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	193 / 65	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	59 / 16	0 / 0	25 / 6	0 / 0
Changchun, China (72371901)	175 / 66	172010 / 65	128 / 45	84754 / 40
Concepcion, Chile (74057904)	228 / 35	113187 / 35	182 / 29	47351 / 19
Golosiv, Ukraine (18248101)	0 / 0	0 / 0	7 / 2	0 / 0
Grasse, France (LLR) (78457801)	165 / 48	30239 / 48	85 / 26	0 / 0
Graz, Austria (78393402)	378 / 79	0 / 0	295 / 60	0 / 0
Greenbelt, Maryland (71050725)	300 / 74	0 / 0	163 / 51	0 / 0
Hartebeesthoek, South Africa (75010602)	259 / 63	0 / 0	244 / 56	0 / 0
Herstmonceux, United Kingdom (78403501)	142 / 44	20570 / 33	76 / 25	0 / 0
Katzively, Ukraine (18931801)	240 / 36	8014 / 36	49 / 7	904 / 3
Koganei, Japan(CRL) (73085001)	131 / 24	0 / 0	80 / 15	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	88 / 35	0 / 0	24 / 10	0 / 0
Matera, Italy (MLRO) (79417701)	1132 / 279	829163 / 282	305 / 77	0 / 0
McDonald Observatory, Texas (70802419)	38 / 9	0 / 0	34 / 8	0 / 0
Monument Peak, California (71100412)	88 / 33	0 / 0	221 / 61	0 / 0
Mt Stromlo, Australia (78259001)	530 / 101	0 / 0	513 / 99	0 / 0
Potsdam, Germany (78418701)	153 / 22	0 / 0	92 / 12	0 / 0
San Fernando, Spain (78244502)	3 / 2	53 / 2	1 / 1	20 / 1
San Juan, Argentina (74068801)	613 / 119	12808 / 102	695 / 133	0 / 0
Shanghai, China (78212801)	66 / 20	5648 / 2	18 / 6	0 / 0
Simeiz, Ukraine (18734901)	29 / 5	727 / 5	29 / 5	0 / 0
Simosato, Japan (78383603)	114 / 14	0 / 0	87 / 10	0 / 0
Svetloe, Russia (18889801)	9 / 6	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	36 / 9	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	512 / 124	178827 / 112	367 / 93	0 / 0
Yarragadee, Australia (70900513)	922 / 259	0 / 0	770 / 212	0 / 0
Zelenchukskya, Russia (18899901)	77 / 23	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	527 / 147	0 / 0	260 / 78	0 / 0

¹ Number of observations; ² Number of files/passes

4.34 Glonass-116 (0907001)

4.34.1 Common Information

Official name:	glonass116
COSPAR ID:	0907001
SIC Code:	9116
NORAD ID:	36111
Launch Date:	2009-12-14

4.34.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	140 ¹ / 37 ²	4683 / 8	197 / 51	3415 / 5	26 ²
February	127 / 38	2525 / 4	156 / 45	2309 / 5	29
March	160 / 38	5327 / 6	189 / 49	3873 / 6	31
April	65 / 16	1350 / 3	85 / 23	1350 / 3	30
May	160 / 49	8408 / 13	135 / 39	7182 / 6	30
June	119 / 32	7252 / 9	40 / 12	5623 / 4	29
July	181 / 57	11815 / 14	10 / 6	8568 / 6	29
August	207 / 53	7813 / 16	12 / 2	1393 / 3	31
September	284 / 60	23475 / 19	0 / 0	0 / 0	30
October	250 / 61	31813 / 19	0 / 0	0 / 0	24
November	149 / 41	22008 / 20	0 / 0	0 / 0	29
December	141 / 36	36349 / 17	0 / 0	0 / 0	31
Year	1983 / 518	162818 / 148	824 / 227	33713 / 38	349

¹ Number of observations; ² Number of files/passes

4.34.3 Daily number of Predictions (CPF) in 2012

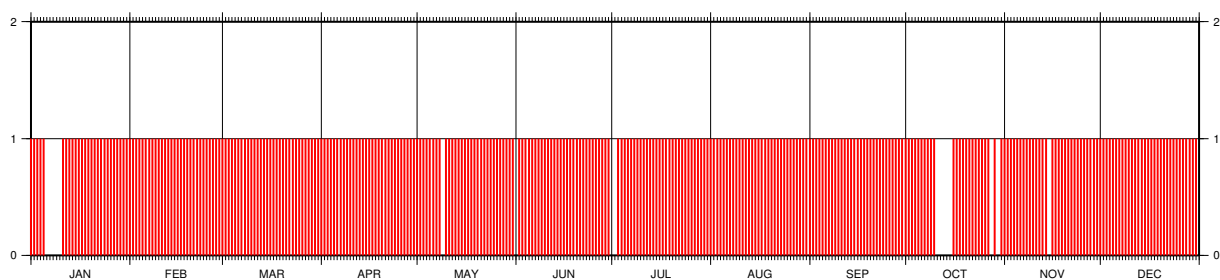


Figure 4.156: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.34.4 Daily number of Normal Points (CRD) in 2012

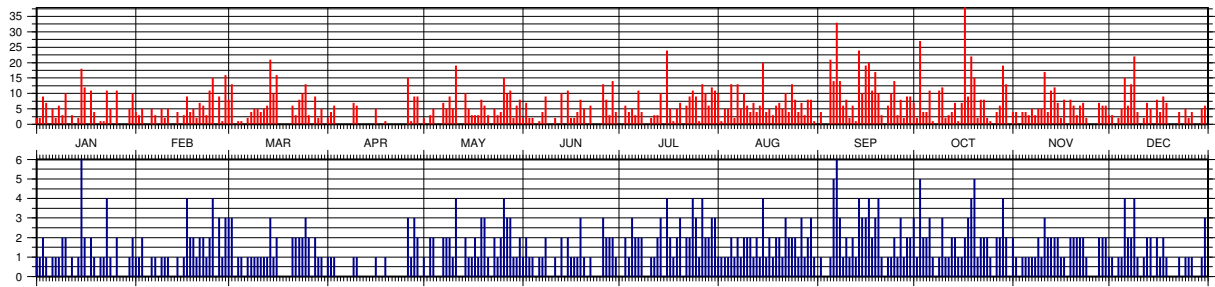


Figure 4.157: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.34.5 Daily number of Full-Rate data (CRD) in 2012

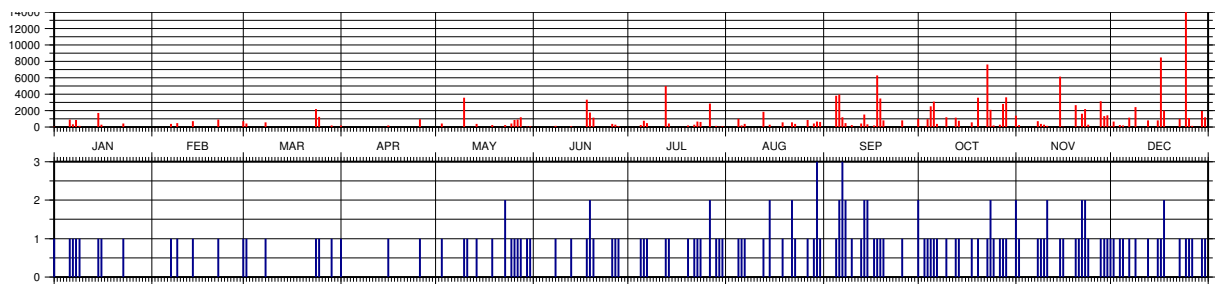


Figure 4.158: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.34.6 Daily number of Normal Points (CSTG) in 2012

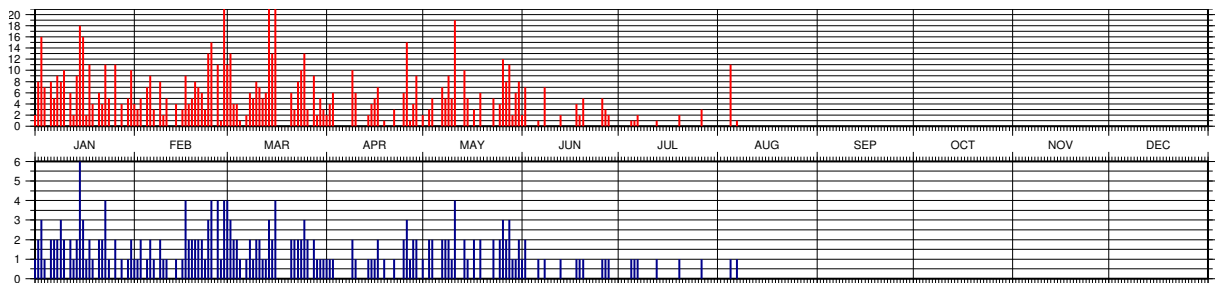


Figure 4.159: Daily number of Normal Points (CSTG) in 2012

4.34.7 Daily number of Full-Rate data (MERIT-II) in 2012

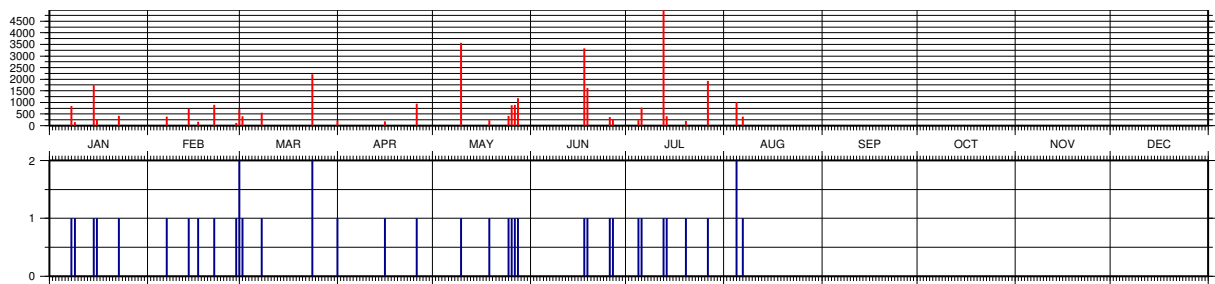


Figure 4.160: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.34.8 Stations tracked Glonass-116 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	4 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	3 / 1	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	21 / 4	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	336 / 109	149600 / 107	157 / 45	33713 / 38
Graz, Austria (78393402)	429 / 77	0 / 0	162 / 36	0 / 0
Herstmonceux, United Kingdom (78403501)	159 / 49	11957 / 36	64 / 20	0 / 0
Potsdam, Germany (78418701)	47 / 6	0 / 0	0 / 0	0 / 0
Shanghai, China (78212801)	89 / 21	907 / 1	26 / 6	0 / 0
Simeiz, Ukraine (18734901)	23 / 4	354 / 4	18 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	9 / 3	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	202 / 64	0 / 0	140 / 41	0 / 0
Zelenchukyska, Russia (18899901)	65 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	596 / 161	0 / 0	257 / 76	0 / 0

¹ Number of observations; ² Number of files/passes

4.35 Glonass-117 (0907002)

4.35.1 Common Information

Official name:	glonass117
COSPAR ID:	0907002
SIC Code:	9117
NORAD ID:	36112
Launch Date:	2009-12-14

4.35.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	162 ¹ / 36 ²	6424 / 8	186 / 43	4522 / 6	26 ²
February	38 / 15	1961 / 6	66 / 24	1961 / 6	29
March	146 / 39	1689 / 5	171 / 47	1372 / 1	30
April	38 / 13	1937 / 3	61 / 19	145 / 1	30
May	65 / 26	4508 / 6	57 / 22	4013 / 4	31
June	78 / 26	4632 / 8	19 / 4	2252 / 2	29
July	118 / 42	4906 / 11	20 / 6	3354 / 6	29
August	148 / 43	5901 / 15	3 / 1	374 / 1	31
September	120 / 38	6773 / 14	0 / 0	0 / 0	30
October	252 / 52	53612 / 20	0 / 0	0 / 0	26
November	109 / 30	41344 / 18	0 / 0	0 / 0	28
December	122 / 31	25865 / 21	0 / 0	0 / 0	31
Year	1396 / 391	159552 / 135	583 / 166	17993 / 27	350

¹ Number of observations; ² Number of files/passes

4.35.3 Daily number of Predictions (CPF) in 2012

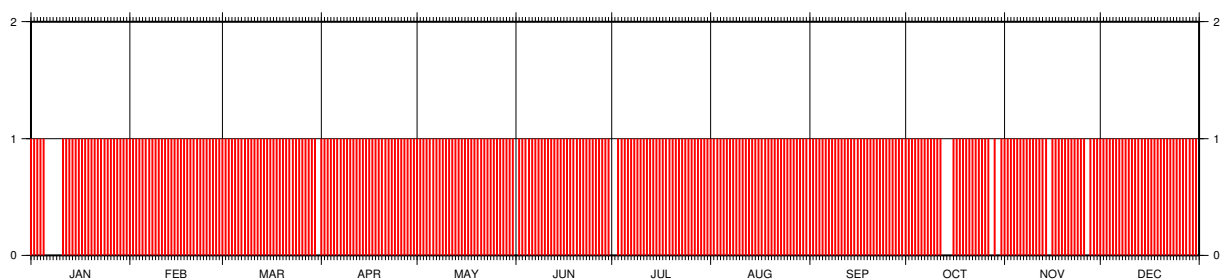


Figure 4.161: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.35.4 Daily number of Normal Points (CRD) in 2012

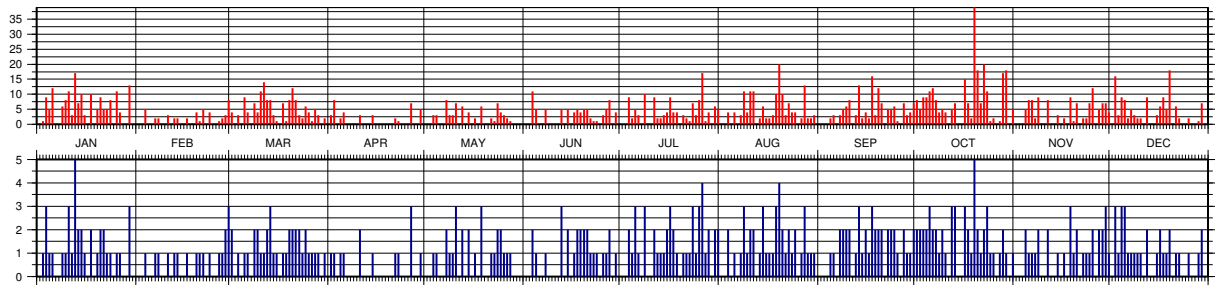


Figure 4.162: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.35.5 Daily number of Full-Rate data (CRD) in 2012

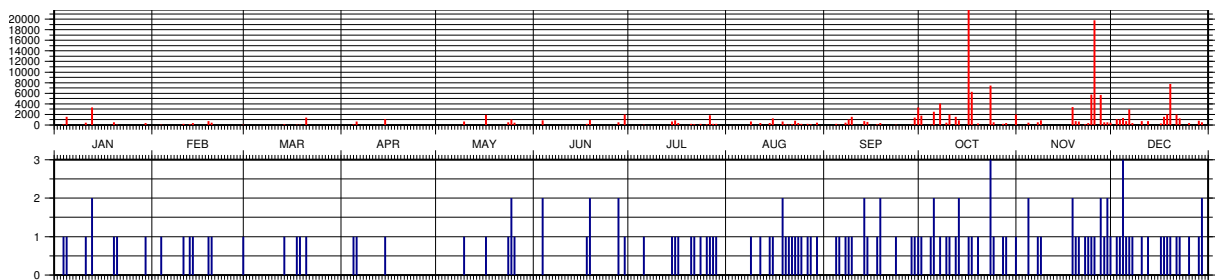


Figure 4.163: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.35.6 Daily number of Normal Points (CSTG) in 2012

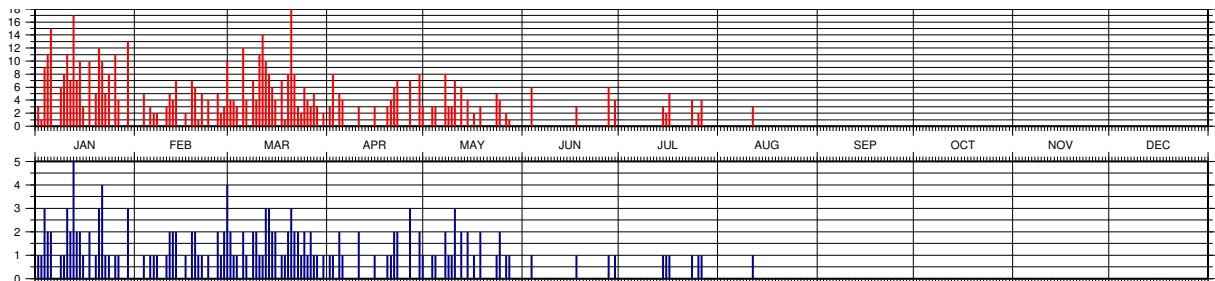


Figure 4.164: Daily number of Normal Points (CSTG) in 2012

4.35.7 Daily number of Full-Rate data (MERIT-II) in 2012

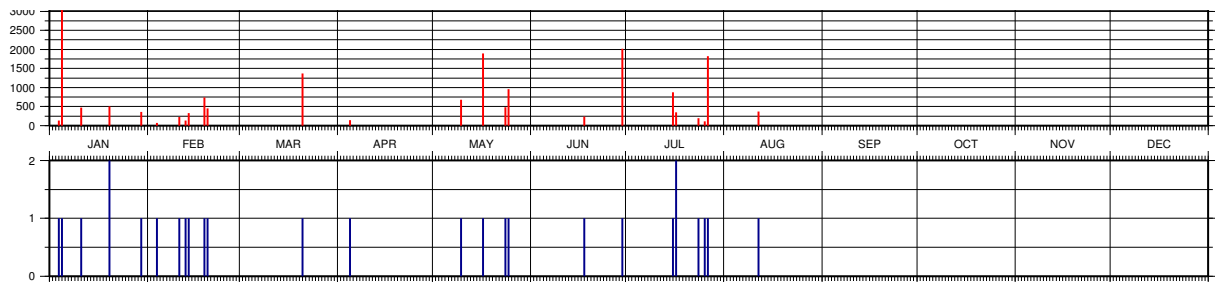


Figure 4.165: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.35.8 Stations tracked Glonass-117 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	7 ¹ / 3 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	307 / 92	147534 / 93	113 / 31	17993 / 27
Golosiiv, Ukraine (18248101)	5 / 2	10 / 1	0 / 0	0 / 0
Graz, Austria (78393402)	460 / 84	0 / 0	177 / 40	0 / 0
Herstmonceux, United Kingdom (78403501)	131 / 46	11672 / 38	44 / 14	0 / 0
Shanghai, China (78212801)	34 / 11	0 / 0	0 / 0	0 / 0
Simeiz, Ukraine (18734901)	19 / 3	336 / 3	19 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	10 / 3	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	66 / 23	0 / 0	89 / 28	0 / 0
Zelenchukskya, Russia (18899901)	35 / 11	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	322 / 113	0 / 0	141 / 50	0 / 0

¹ Number of observations; ² Number of files/passes

4.36 Glonass-118 (0907003)

4.36.1 Common Information

Official name:	glonass118
COSPAR ID:	0907003
SIC Code:	9118
NORAD ID:	36113
Launch Date:	2009-12-14

4.36.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	338 ¹ / 87 ²	9073 / 20	414 / 104	4760 / 9	88 ²
February	249 / 59	35753 / 28	339 / 83	32637 / 17	86
March	400 / 89	35486 / 43	604 / 149	20464 / 11	64
April	237 / 59	18491 / 37	346 / 92	5730 / 5	89
May	561 / 161	71363 / 60	438 / 119	9659 / 9	91
June	444 / 114	71734 / 66	169 / 37	2670 / 1	89
July	497 / 141	105744 / 63	154 / 37	17835 / 5	90
August	550 / 161	29443 / 60	59 / 17	143 / 1	93
September	546 / 154	30027 / 37	17 / 5	0 / 0	90
October	748 / 203	46173 / 39	49 / 12	0 / 0	86
November	436 / 119	34766 / 36	56 / 13	0 / 0	89
December	355 / 101	36561 / 50	51 / 11	0 / 0	90
Year	5361 / 1448	524614 / 539	2696 / 679	93898 / 58	1045

¹ Number of observations; ² Number of files/passes

4.36.3 Daily number of Predictions (CPF) in 2012

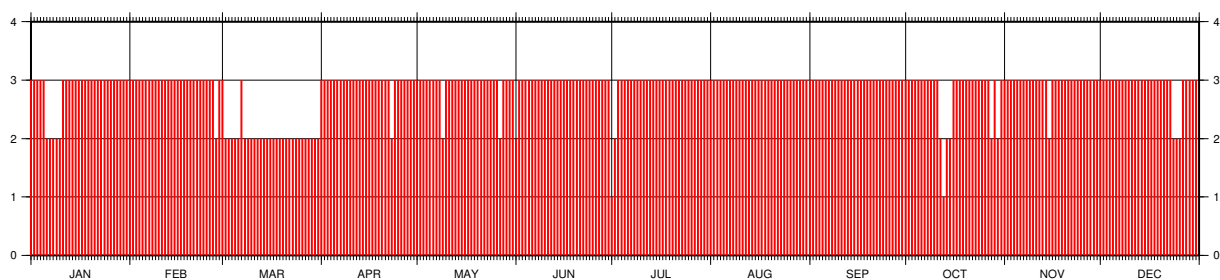


Figure 4.166: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.36.4 Daily number of Normal Points (CRD) in 2012

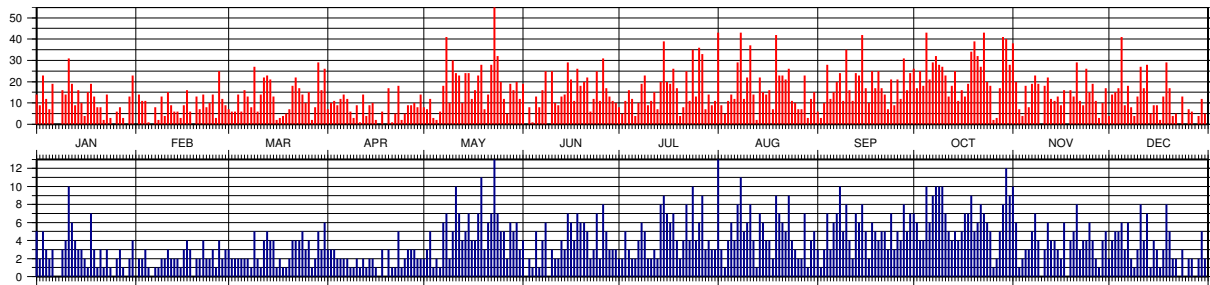


Figure 4.167: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.36.5 Daily number of Full-Rate data (CRD) in 2012

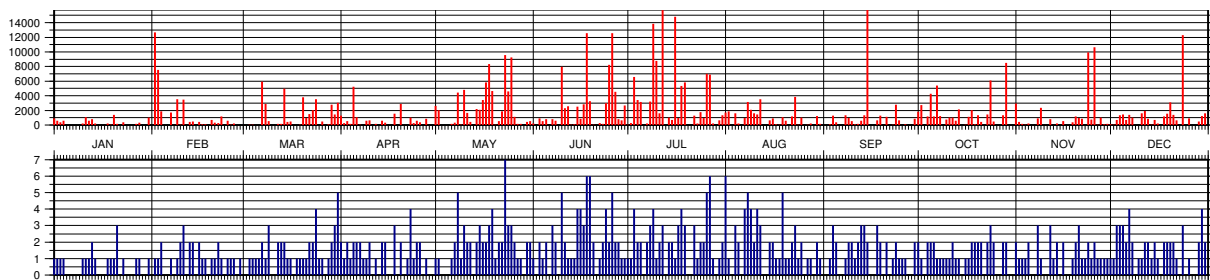


Figure 4.168: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.36.6 Daily number of Normal Points (CSTG) in 2012

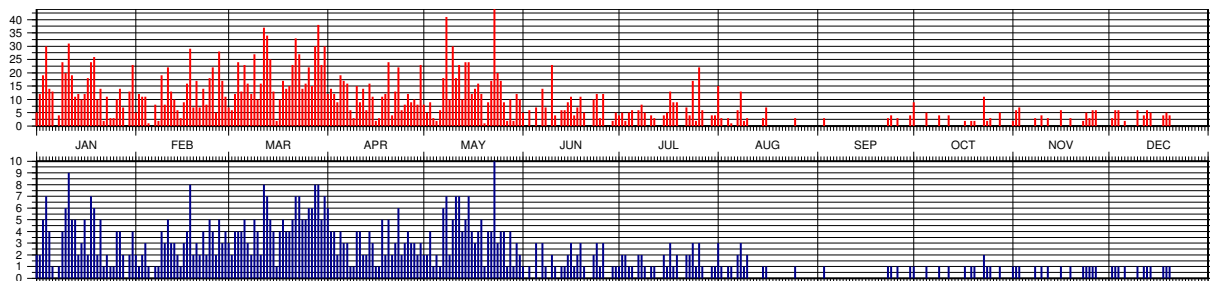


Figure 4.169: Daily number of Normal Points (CSTG) in 2012

4.36.7 Daily number of Full-Rate data (MERIT-II) in 2012

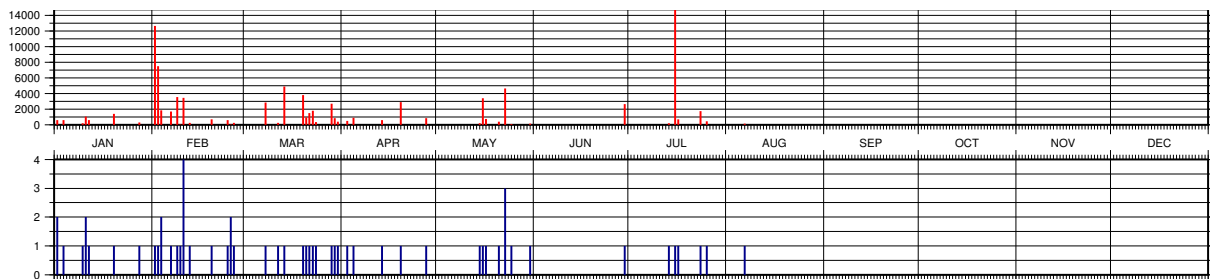


Figure 4.170: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.36.8 Stations tracked Glonass-118 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	265 ¹ / 109 ²	0 / 0	46 / 18	0 / 0
Arkhyz, Russia (18869601)	94 / 33	0 / 0	6 / 2	0 / 0
Badary, Russia (18900901)	6 / 2	0 / 0	4 / 1	0 / 0
Baikonur, Kazakhstan (18879701)	277 / 87	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	106 / 17	0 / 0	8 / 2	0 / 0
Changchun, China (72371901)	357 / 110	150993 / 108	166 / 47	36767 / 38
Concepcion, Chile (74057904)	216 / 31	112473 / 31	172 / 24	57131 / 20
Golosiv, Ukraine (18248101)	4 / 2	32 / 2	2 / 1	0 / 0
Grasse, France (LLR) (78457801)	131 / 44	18525 / 44	61 / 20	0 / 0
Graz, Austria (78393402)	520 / 97	0 / 0	226 / 52	0 / 0
Greenbelt, Maryland (71050725)	60 / 18	0 / 0	70 / 26	0 / 0
Hartebeesthoek, South Africa (75010602)	123 / 40	0 / 0	41 / 15	0 / 0
Herstmonceux, United Kingdom (78403501)	118 / 42	8038 / 36	43 / 15	0 / 0
Katzively, Ukraine (18931801)	194 / 32	1940 / 32	12 / 2	0 / 0
Koganei, Japan(CRL) (73085001)	159 / 29	0 / 0	77 / 13	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	80 / 41	0 / 0	2 / 1	0 / 0
Matera, Italy (MLRO) (79417701)	297 / 91	110121 / 92	65 / 23	0 / 0
McDonald Observatory, Texas (70802419)	66 / 17	0 / 0	9 / 2	0 / 0
Monument Peak, California (71100412)	93 / 40	0 / 0	57 / 21	0 / 0
Mt Stromlo, Australia (78259001)	86 / 21	0 / 0	86 / 21	0 / 0
Potsdam, Germany (78418701)	27 / 2	0 / 0	0 / 0	0 / 0
San Juan, Argentina (74068801)	568 / 114	7662 / 110	636 / 126	0 / 0
Shanghai, China (78212801)	69 / 20	0 / 0	14 / 4	0 / 0
Simeiz, Ukraine (18734901)	14 / 3	242 / 3	14 / 3	0 / 0
Simosato, Japan (78383603)	106 / 15	0 / 0	24 / 3	0 / 0
Svetloe, Russia (18889801)	7 / 3	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	39 / 11	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	509 / 125	114588 / 81	303 / 70	0 / 0
Yarragadee, Australia (70900513)	315 / 100	0 / 0	336 / 100	0 / 0
Zelenchukskya, Russia (18899901)	86 / 28	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	353 / 121	0 / 0	191 / 63	0 / 0

¹ Number of observations; ² Number of files/passes

4.37 Glonass-119 (1000701)

4.37.1 Common Information

Official name:	glonass119
COSPAR ID:	1000701
SIC Code:	9119
NORAD ID:	36400
Launch Date:	2010-03-02

4.37.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	102 ¹ / 30 ²	6784 / 10	121 / 38	7312 / 9	26 ²
February	108 / 29	8185 / 10	142 / 39	8420 / 10	29
March	200 / 53	12754 / 21	202 / 58	10161 / 11	30
April	98 / 35	4636 / 9	90 / 30	4042 / 6	30
May	93 / 31	9151 / 9	97 / 32	8138 / 8	30
June	72 / 27	1848 / 6	11 / 3	636 / 1	30
July	135 / 47	17988 / 9	10 / 5	15843 / 5	29
August	98 / 30	5273 / 7	8 / 2	382 / 1	31
September	103 / 36	7857 / 11	0 / 0	0 / 0	30
October	124 / 36	7570 / 9	0 / 0	0 / 0	26
November	64 / 18	4820 / 5	0 / 0	0 / 0	29
December	64 / 22	31096 / 12	0 / 0	0 / 0	31
Year	1261 / 394	117962 / 118	681 / 207	54934 / 51	351

¹ Number of observations; ² Number of files/passes

4.37.3 Daily number of Predictions (CPF) in 2012

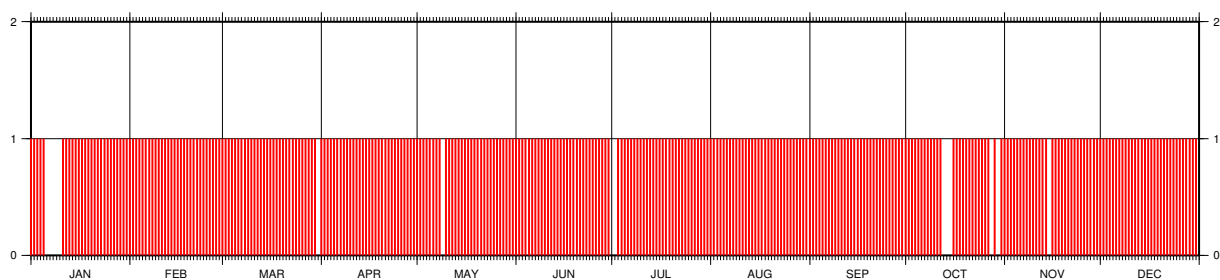


Figure 4.171: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.37.4 Daily number of Normal Points (CRD) in 2012

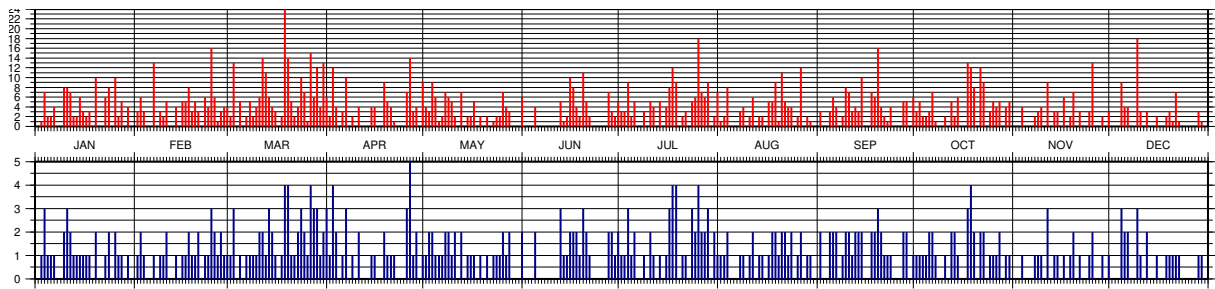


Figure 4.172: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.37.5 Daily number of Full-Rate data (CRD) in 2012

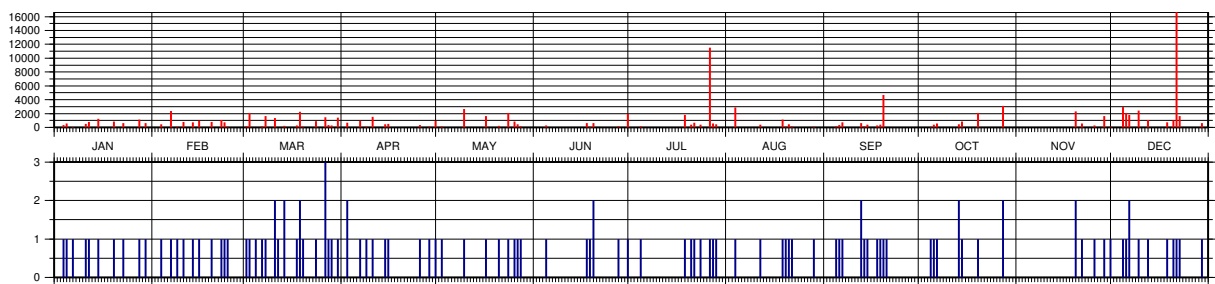


Figure 4.173: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.37.6 Daily number of Normal Points (CSTG) in 2012

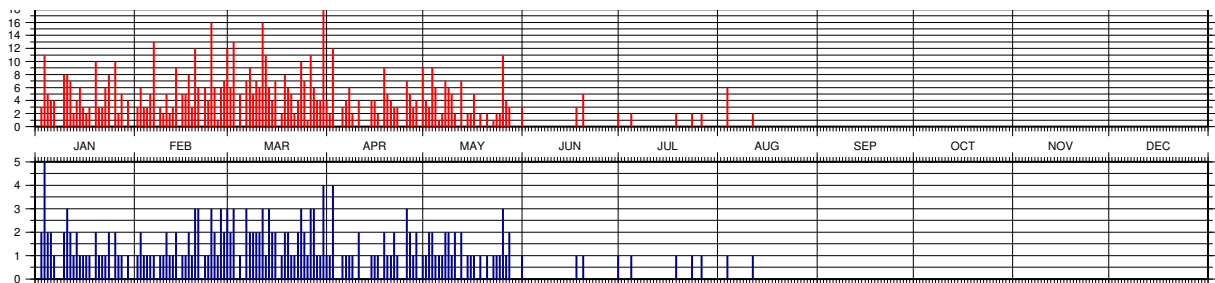


Figure 4.174: Daily number of Normal Points (CSTG) in 2012

4.37.7 Daily number of Full-Rate data (MERIT-II) in 2012

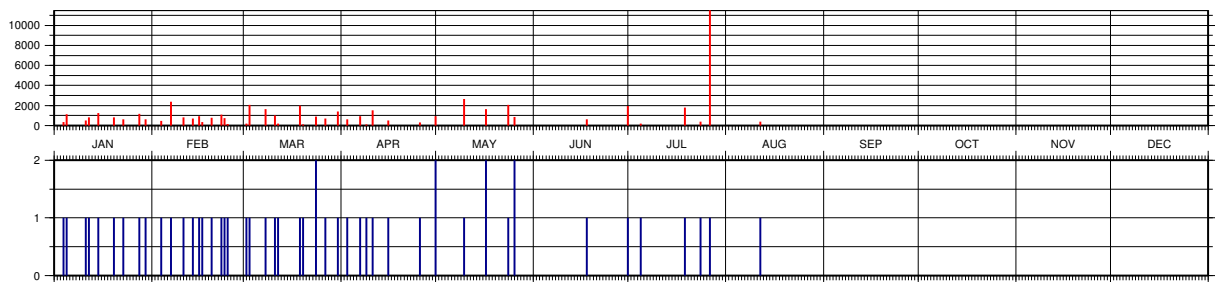


Figure 4.175: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.37.8 Stations tracked Glonass-119 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	5 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	2 / 2	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	293 / 84	105610 / 82	213 / 53	54934 / 51
Graz, Austria (78393402)	321 / 75	0 / 0	143 / 34	0 / 0
Herstmonceux, United Kingdom (78403501)	130 / 46	12283 / 33	74 / 29	0 / 0
Shanghai, China (78212801)	58 / 17	0 / 0	34 / 9	0 / 0
Simeiz, Ukraine (18734901)	17 / 3	69 / 3	17 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	5 / 2	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	155 / 50	0 / 0	112 / 35	0 / 0
Zelenchukskya, Russia (18899901)	67 / 20	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	208 / 93	0 / 0	88 / 44	0 / 0

¹ Number of observations; ² Number of files/passes

4.38 Glonass-120 (1000703)

4.38.1 Common Information

Official name:	glonass120
COSPAR ID:	1000703
SIC Code:	9120
NORAD ID:	36402
Launch Date:	2010-03-02

4.38.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	237 ¹ / 65 ²	20593 / 20	219 / 49	20686 / 16	57 ²
February	247 / 67	20552 / 19	194 / 45	21684 / 19	58
March	278 / 83	22255 / 26	254 / 69	13339 / 14	42
April	204 / 54	22880 / 17	185 / 50	7347 / 8	30
May	124 / 43	3470 / 11	108 / 39	2906 / 6	30
June	169 / 46	13426 / 9	45 / 10	9410 / 6	30
July	218 / 70	12474 / 13	13 / 5	10332 / 6	29
August	154 / 56	12062 / 13	1 / 1	4175 / 1	31
September	180 / 56	9989 / 12	0 / 0	0 / 0	30
October	205 / 58	14306 / 14	0 / 0	0 / 0	25
November	76 / 26	9439 / 11	0 / 0	0 / 0	29
December	84 / 36	12548 / 12	0 / 0	0 / 0	31
Year	2176 / 660	173994 / 177	1019 / 268	89879 / 76	422

¹ Number of observations; ² Number of files/passes

4.38.3 Daily number of Predictions (CPF) in 2012

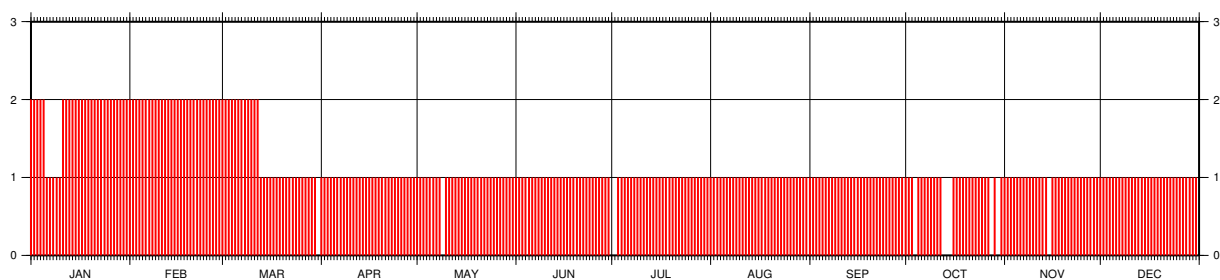


Figure 4.176: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.38.4 Daily number of Normal Points (CRD) in 2012

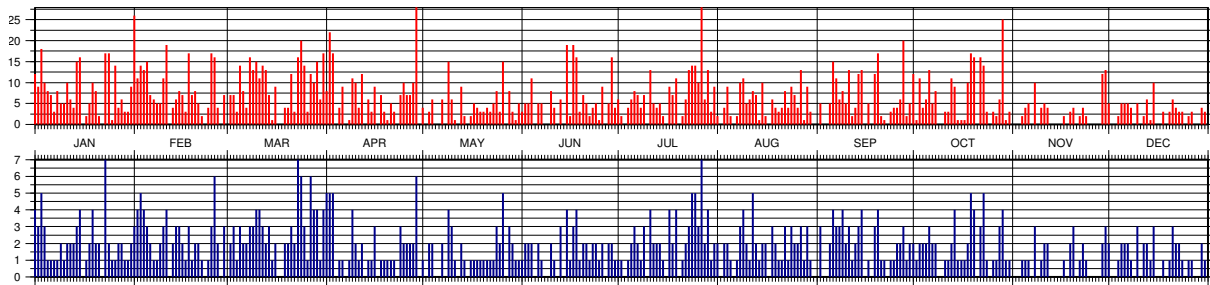


Figure 4.177: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.38.5 Daily number of Full-Rate data (CRD) in 2012

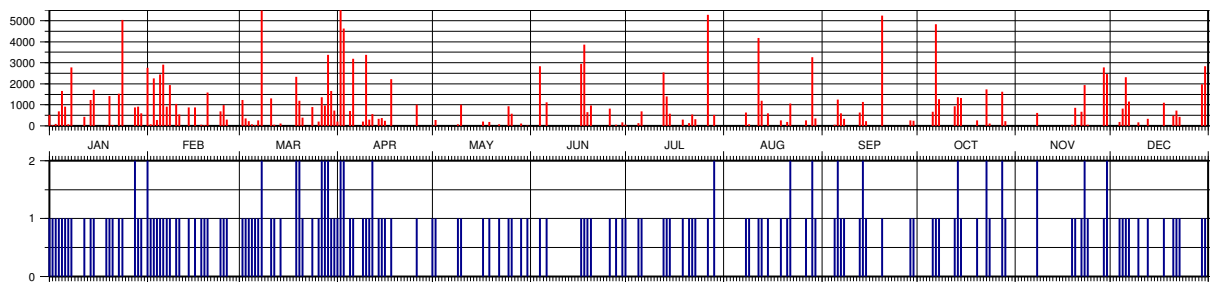


Figure 4.178: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.38.6 Daily number of Normal Points (CSTG) in 2012

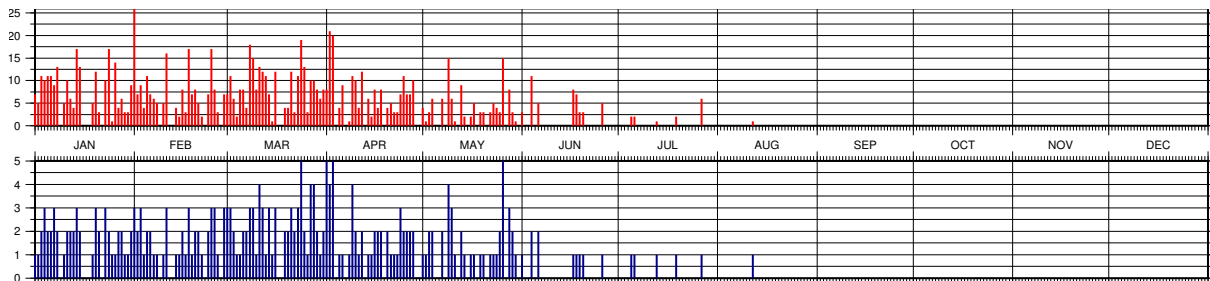


Figure 4.179: Daily number of Normal Points (CSTG) in 2012

4.38.7 Daily number of Full-Rate data (MERIT-II) in 2012

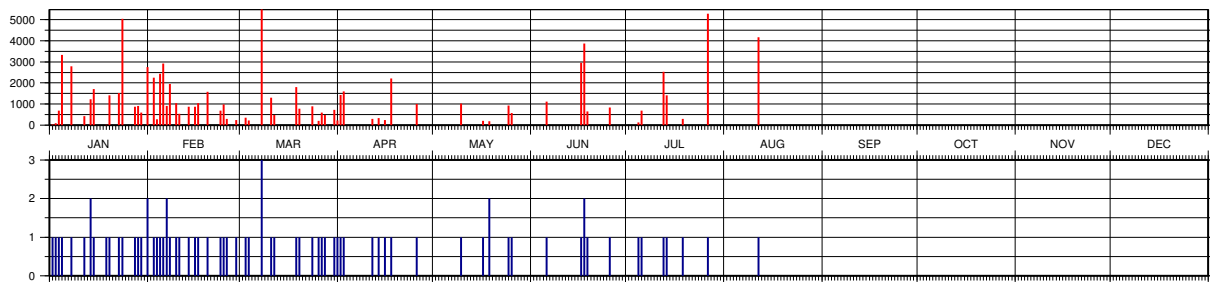


Figure 4.180: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.38.8 Stations tracked Glonass-120 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	151 ¹ / 72 ²	0 / 0	12 / 6	0 / 0
Arkhyz, Russia (18869601)	15 / 4	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	151 / 34	0 / 0	95 / 16	0 / 0
Changchun, China (72371901)	384 / 108	117498 / 106	265 / 64	68928 / 63
Concepcion, Chile (74057904)	125 / 20	43914 / 20	125 / 20	20810 / 10
Golosiiv, Ukraine (18248101)	2 / 1	4 / 1	2 / 1	0 / 0
Graz, Austria (78393402)	334 / 77	0 / 0	161 / 37	0 / 0
Herstmonceux, United Kingdom (78403501)	156 / 50	11767 / 38	84 / 28	0 / 0
Katzively, Ukraine (18931801)	59 / 10	458 / 10	42 / 7	141 / 3
Komsomolsk-na-Amure, Russia (18685901)	118 / 53	0 / 0	19 / 9	0 / 0
Potsdam, Germany (78418701)	13 / 2	0 / 0	13 / 2	0 / 0
Shanghai, China (78212801)	39 / 12	272 / 1	19 / 6	0 / 0
Simeiz, Ukraine (18734901)	8 / 1	81 / 1	8 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	7 / 3	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	250 / 78	0 / 0	78 / 26	0 / 0
Zelenchukskya, Russia (18899901)	84 / 23	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	280 / 112	0 / 0	96 / 45	0 / 0

¹ Number of observations; ² Number of files/passes

4.39 Glonass-121 (1000702)

4.39.1 Common Information

Official name:	glonass121
COSPAR ID:	1000702
SIC Code:	9121
NORAD ID:	36401
Launch Date:	2010-03-02

4.39.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	134 ¹ / 34 ²	7144 / 10	148 / 39	4646 / 6	26 ²
February	131 / 34	18311 / 14	152 / 41	17712 / 17	29
March	217 / 61	25112 / 23	219 / 61	20851 / 15	30
April	111 / 33	5410 / 11	112 / 34	3562 / 6	30
May	154 / 45	8795 / 11	130 / 37	6839 / 6	30
June	118 / 26	3170 / 6	39 / 9	2229 / 5	30
July	197 / 62	11823 / 16	12 / 6	4908 / 6	29
August	164 / 52	6949 / 15	3 / 2	384 / 2	31
September	154 / 48	7084 / 11	0 / 0	0 / 0	30
October	181 / 49	15669 / 13	0 / 0	0 / 0	26
November	94 / 30	7013 / 12	0 / 0	0 / 0	28
December	101 / 34	31882 / 15	0 / 0	0 / 0	31
Year	1756 / 508	148362 / 157	815 / 229	61131 / 63	350

¹ Number of observations; ² Number of files/passes

4.39.3 Daily number of Predictions (CPF) in 2012

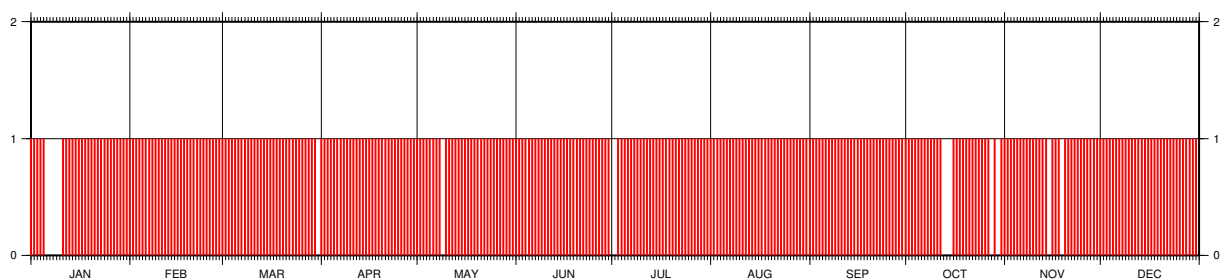


Figure 4.181: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.39.4 Daily number of Normal Points (CRD) in 2012

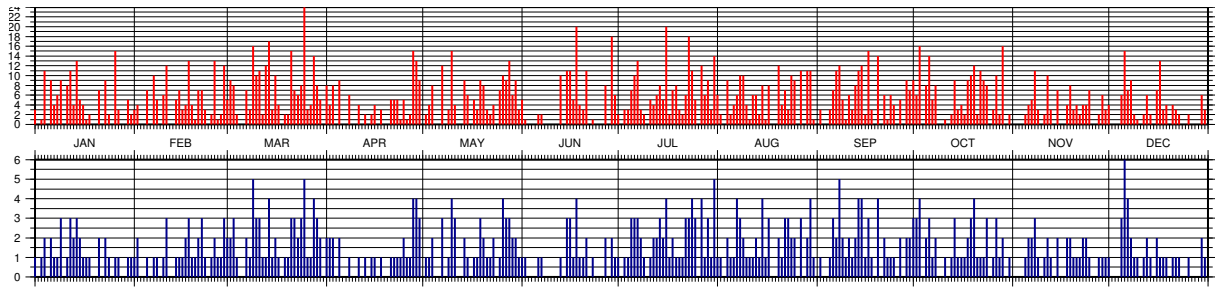


Figure 4.182: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.39.5 Daily number of Full-Rate data (CRD) in 2012

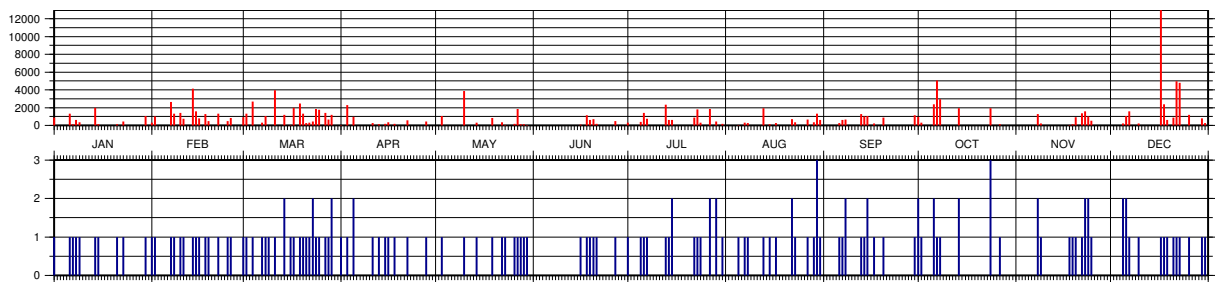


Figure 4.183: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.39.6 Daily number of Normal Points (CSTG) in 2012

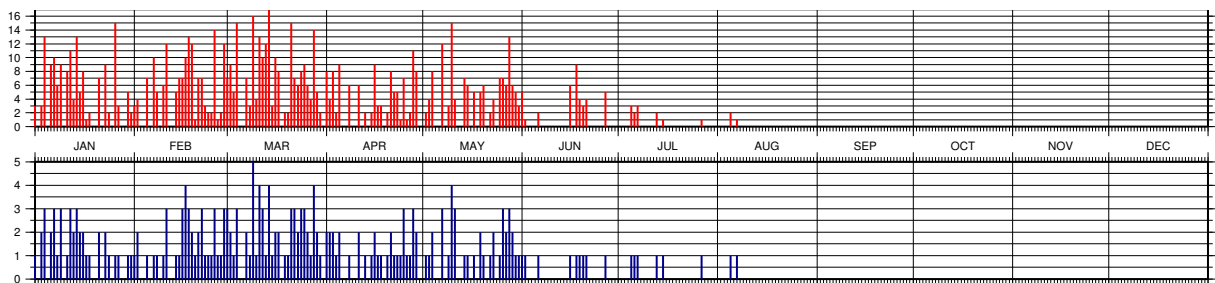


Figure 4.184: Daily number of Normal Points (CSTG) in 2012

4.39.7 Daily number of Full-Rate data (MERIT-II) in 2012

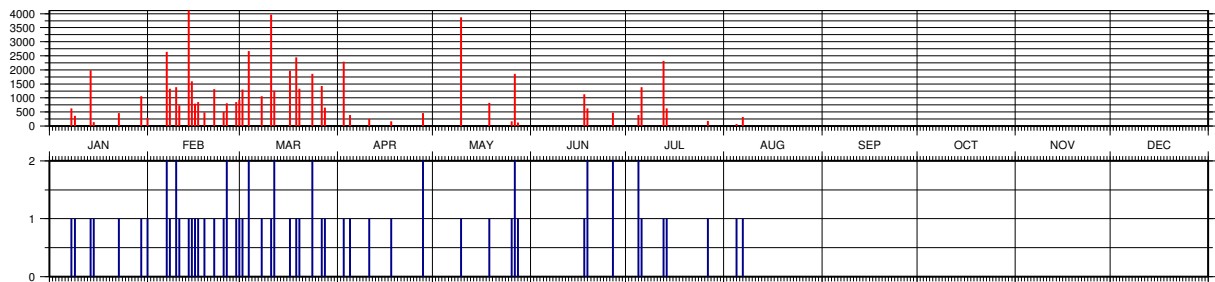


Figure 4.185: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.39.8 Stations tracked Glonass-121 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	4 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	24 / 6	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	369 / 109	133037 / 107	258 / 64	61131 / 63
Graz, Austria (78393402)	425 / 88	0 / 0	174 / 39	0 / 0
Herstmonceux, United Kingdom (78403501)	166 / 55	13446 / 44	92 / 30	0 / 0
Shanghai, China (78212801)	81 / 20	1663 / 1	32 / 8	0 / 0
Simeiz, Ukraine (18734901)	29 / 5	216 / 5	29 / 5	0 / 0
Wetzell, Germany (WLRS) (88341001)	15 / 6	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	229 / 72	0 / 0	67 / 25	0 / 0
Zelenchukskya, Russia (18899901)	53 / 18	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	361 / 128	0 / 0	163 / 58	0 / 0

¹ Number of observations; ² Number of files/passes

4.40 Glonass-122 (1004103)

4.40.1 Common Information

Official name:	glonass122
COSPAR ID:	1004103
SIC Code:	9122
NORAD ID:	37139
Launch Date:	2010-03-02

4.40.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	241 ¹ / 50 ²	30769 / 17	322 / 71	27578 / 12	26 ²
February	177 / 44	30411 / 18	221 / 57	24232 / 17	29
March	318 / 77	13862 / 19	378 / 95	7464 / 10	30
April	155 / 40	8796 / 13	243 / 68	3673 / 4	30
May	318 / 91	13074 / 10	194 / 59	11135 / 3	31
June	185 / 54	1475 / 4	15 / 5	588 / 1	29
July	281 / 74	936 / 3	2 / 1	291 / 1	29
August	389 / 80	11204 / 10	2 / 1	0 / 0	31
September	346 / 90	75798 / 18	0 / 0	0 / 0	30
October	428 / 91	59616 / 18	0 / 0	0 / 0	26
November	317 / 87	60399 / 22	0 / 0	0 / 0	29
December	221 / 69	70158 / 27	0 / 0	0 / 0	31
Year	3376 / 847	376498 / 179	1377 / 357	74961 / 48	351

¹ Number of observations; ² Number of files/passes

4.40.3 Daily number of Predictions (CPF) in 2012

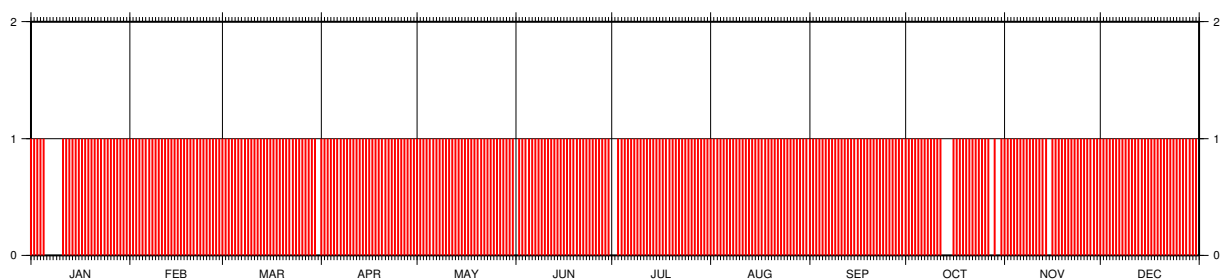


Figure 4.186: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.40.4 Daily number of Normal Points (CRD) in 2012

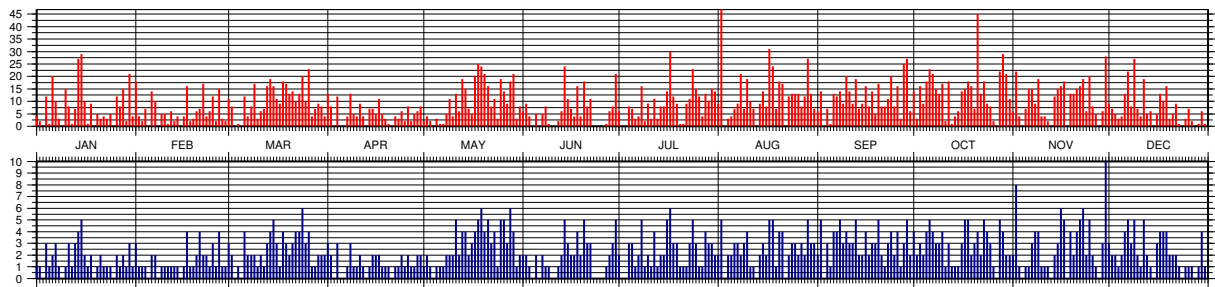


Figure 4.187: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.40.5 Daily number of Full-Rate data (CRD) in 2012

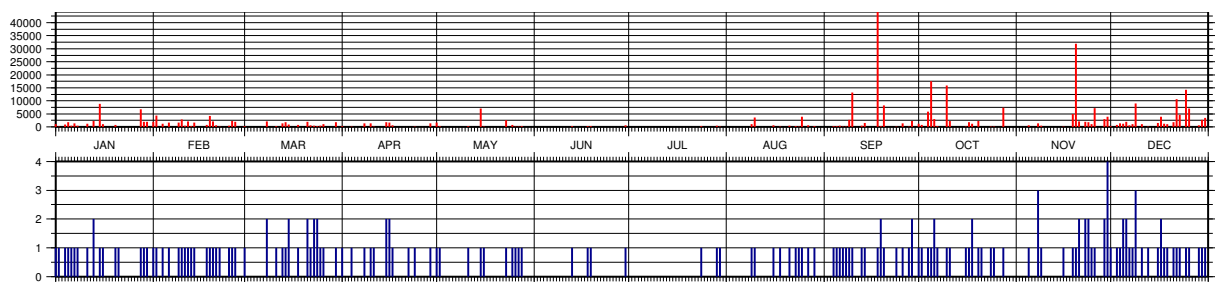


Figure 4.188: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.40.6 Daily number of Normal Points (CSTG) in 2012

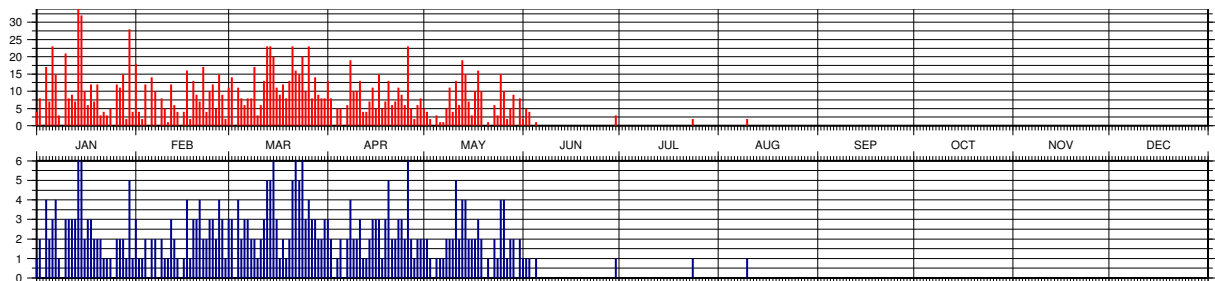


Figure 4.189: Daily number of Normal Points (CSTG) in 2012

4.40.7 Daily number of Full-Rate data (MERIT-II) in 2012

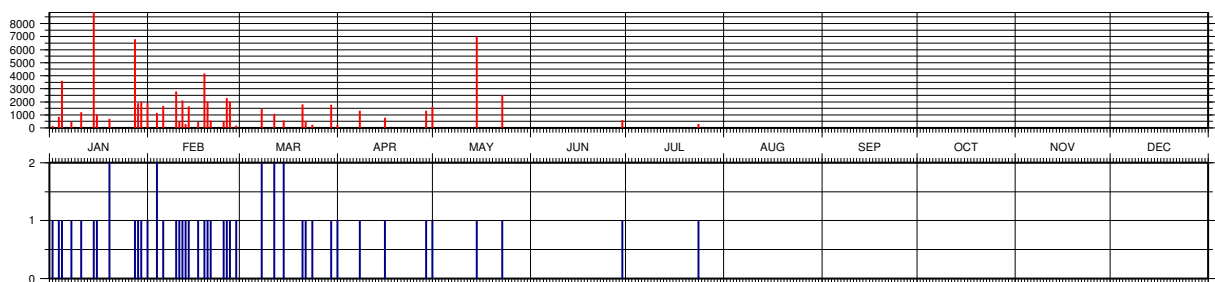


Figure 4.190: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.40.8 Stations tracked Glonass-122 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	4 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	9 / 3	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	26 / 5	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	6 / 2	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	352 / 116	346727 / 112	192 / 55	74961 / 48
Graz, Austria (78393402)	718 / 118	0 / 0	372 / 66	0 / 0
Herstmonceux, United Kingdom (78403501)	224 / 72	28679 / 57	124 / 41	0 / 0
Katzively, Ukraine (18931801)	59 / 8	818 / 8	0 / 0	0 / 0
Potsdam, Germany (78418701)	155 / 22	0 / 0	80 / 11	0 / 0
Shanghai, China (78212801)	80 / 21	0 / 0	19 / 5	0 / 0
Simeiz, Ukraine (18734901)	13 / 2	274 / 2	6 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	13 / 5	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	1076 / 298	0 / 0	364 / 104	0 / 0
Zelenchukskya, Russia (18899901)	58 / 17	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	583 / 156	0 / 0	220 / 74	0 / 0

¹ Number of observations; ² Number of files/passes

4.41 Glonass-123 (1004102)

4.41.1 Common Information

Official name:	glonass123
COSPAR ID:	1004102
SIC Code:	9123
NORAD ID:	37138
Launch Date:	2010-03-02

4.41.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	233 ¹ / 52 ²	30042 / 16	376 / 90	25424 / 13	26 ²
February	184 / 42	17222 / 14	305 / 82	14105 / 12	29
March	282 / 68	13968 / 18	358 / 95	9825 / 9	29
April	137 / 41	7565 / 10	207 / 64	5645 / 6	30
May	322 / 89	8117 / 8	226 / 59	5248 / 5	29
June	179 / 47	0 / 0	7 / 3	0 / 0	29
July	302 / 89	6568 / 7	2 / 1	2220 / 2	29
August	347 / 94	23397 / 11	5 / 2	3104 / 2	31
September	349 / 87	31989 / 13	3 / 1	0 / 0	30
October	364 / 102	58073 / 25	0 / 0	0 / 0	26
November	330 / 84	24725 / 19	0 / 0	0 / 0	29
December	270 / 72	58375 / 27	0 / 0	0 / 0	31
Year	3299 / 867	280041 / 168	1489 / 397	65571 / 49	348

¹ Number of observations; ² Number of files/passes

4.41.3 Daily number of Predictions (CPF) in 2012

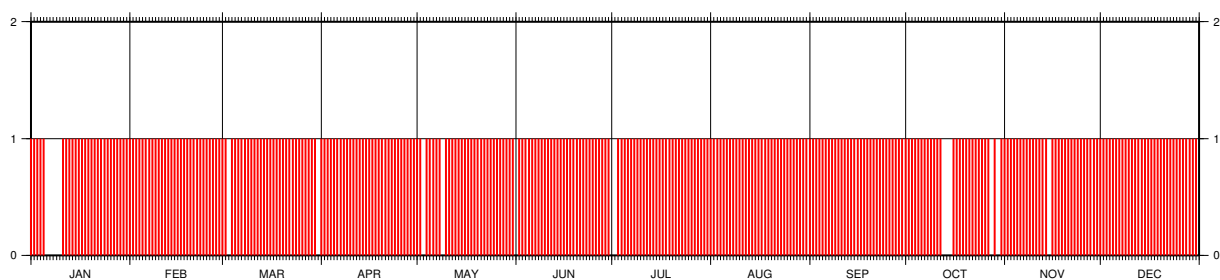


Figure 4.191: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.41.4 Daily number of Normal Points (CRD) in 2012

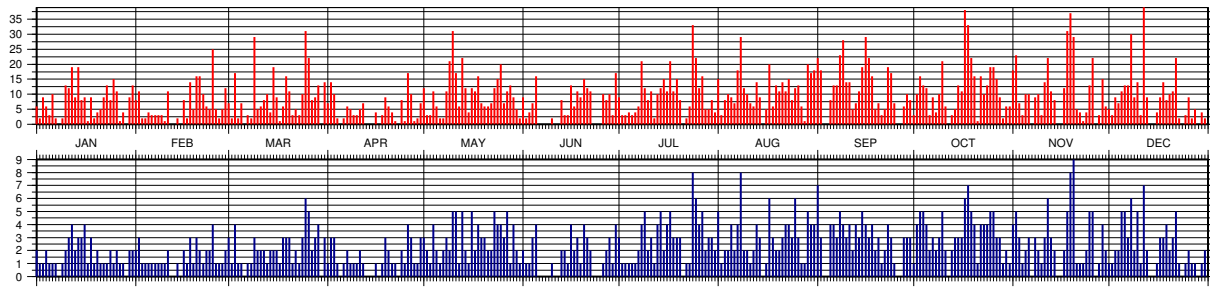


Figure 4.192: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.41.5 Daily number of Full-Rate data (CRD) in 2012

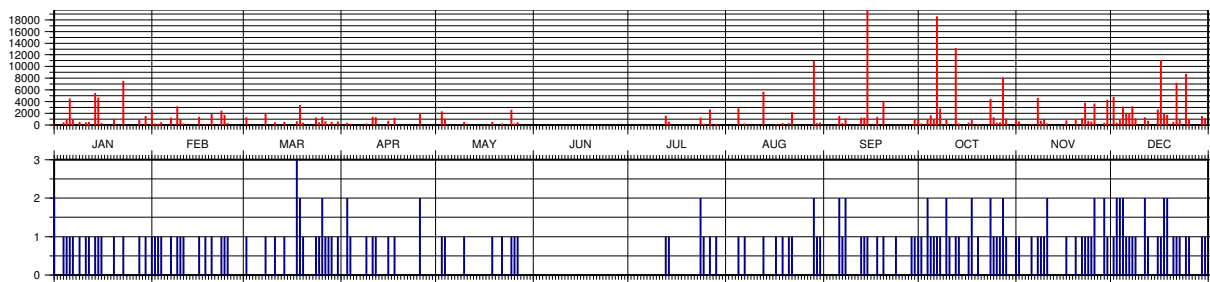


Figure 4.193: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.41.6 Daily number of Normal Points (CSTG) in 2012

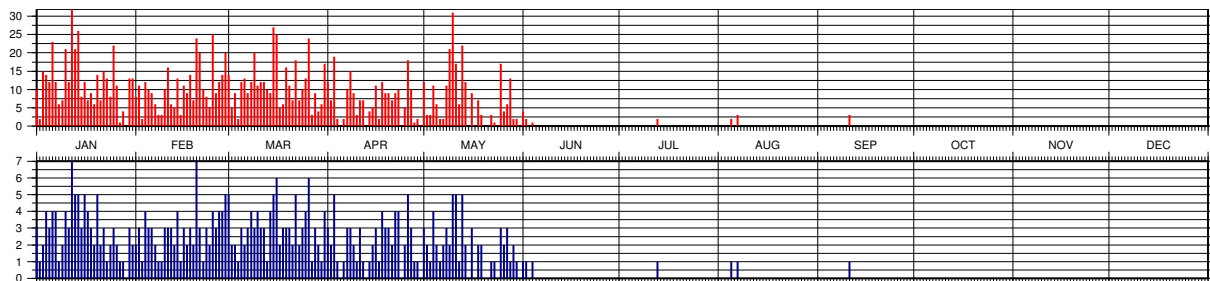


Figure 4.194: Daily number of Normal Points (CSTG) in 2012

4.41.7 Daily number of Full-Rate data (MERIT-II) in 2012

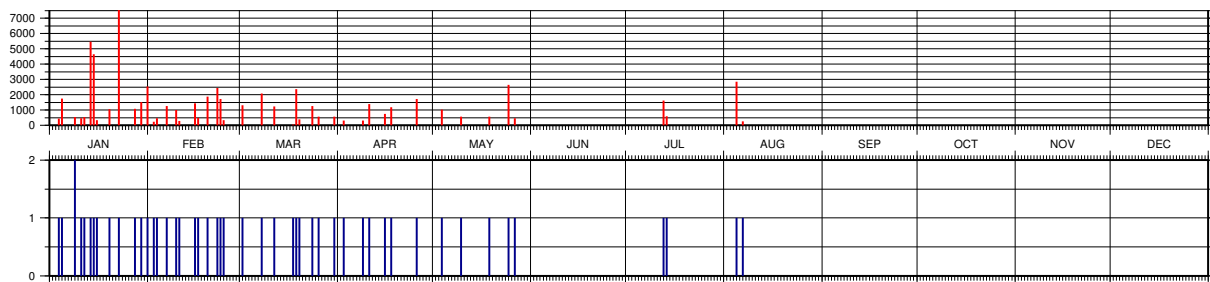


Figure 4.195: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.41.8 Stations tracked Glonass-123 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	1 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	6 / 2	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	42 / 9	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	351 / 124	259666 / 122	188 / 57	65571 / 49
Graz, Austria (78393402)	664 / 114	0 / 0	309 / 55	0 / 0
Herstmonceux, United Kingdom (78403501)	180 / 56	17063 / 39	114 / 34	0 / 0
Katzively, Ukraine (18931801)	33 / 4	459 / 4	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	3 / 1	0 / 0	3 / 1	0 / 0
Potsdam, Germany (78418701)	180 / 24	0 / 0	75 / 10	0 / 0
Shanghai, China (78212801)	76 / 21	2700 / 1	24 / 7	0 / 0
Simeiz, Ukraine (18734901)	10 / 2	153 / 2	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	13 / 5	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	1182 / 332	0 / 0	545 / 161	0 / 0
Zelenchukskya, Russia (18899901)	62 / 20	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	496 / 152	0 / 0	231 / 72	0 / 0

¹ Number of observations; ² Number of files/passes

4.42 Glonass-124 (1004101)

4.42.1 Common Information

Official name:	glonass124
COSPAR ID:	1004101
SIC Code:	9124
NORAD ID:	37137
Launch Date:	2010-03-02

4.42.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	244 ¹ / 54 ²	30101 / 22	304 / 74	22737 / 17	25 ²
February	217 / 51	42446 / 21	318 / 81	28378 / 20	29
March	347 / 79	23517 / 20	397 / 93	16075 / 10	30
April	157 / 37	9039 / 13	229 / 60	3437 / 3	30
May	270 / 87	2705 / 5	177 / 55	1609 / 2	30
June	174 / 51	755 / 2	17 / 5	0 / 0	30
July	249 / 68	1601 / 4	2 / 1	825 / 1	29
August	306 / 86	9077 / 12	0 / 0	0 / 0	31
September	310 / 85	23299 / 16	0 / 0	0 / 0	30
October	434 / 95	45867 / 22	0 / 0	0 / 0	26
November	275 / 70	61278 / 23	0 / 0	0 / 0	29
December	298 / 80	45012 / 28	0 / 0	0 / 0	31
Year	3281 / 843	294697 / 188	1444 / 369	73061 / 53	350

¹ Number of observations; ² Number of files/passes

4.42.3 Daily number of Predictions (CPF) in 2012

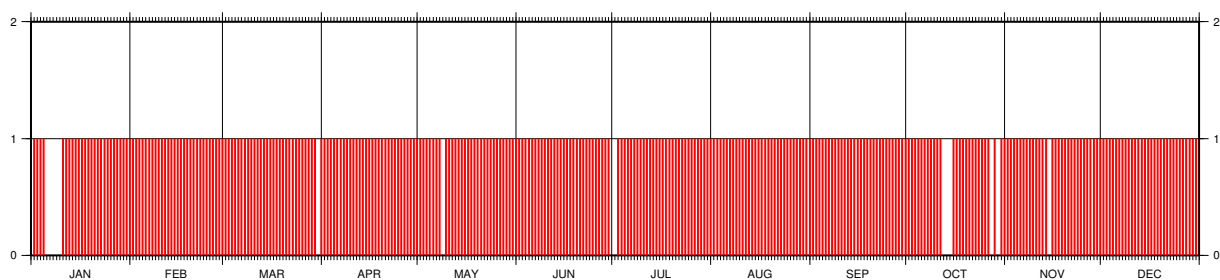


Figure 4.196: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.42.4 Daily number of Normal Points (CRD) in 2012

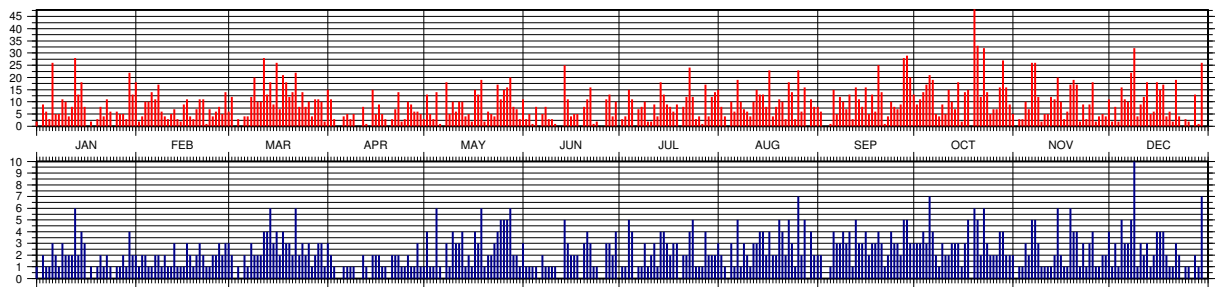


Figure 4.197: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.42.5 Daily number of Full-Rate data (CRD) in 2012

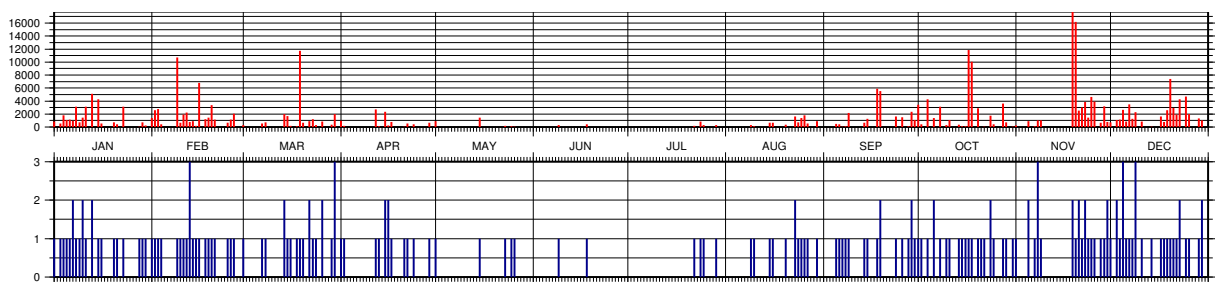


Figure 4.198: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.42.6 Daily number of Normal Points (CSTG) in 2012

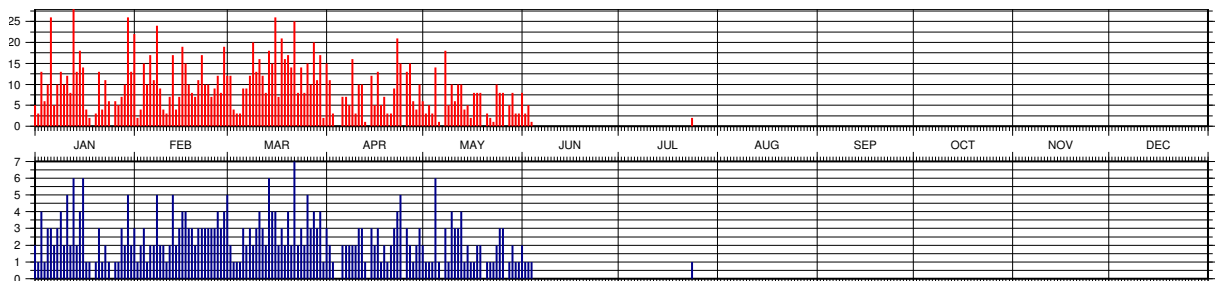


Figure 4.199: Daily number of Normal Points (CSTG) in 2012

4.42.7 Daily number of Full-Rate data (MERIT-II) in 2012

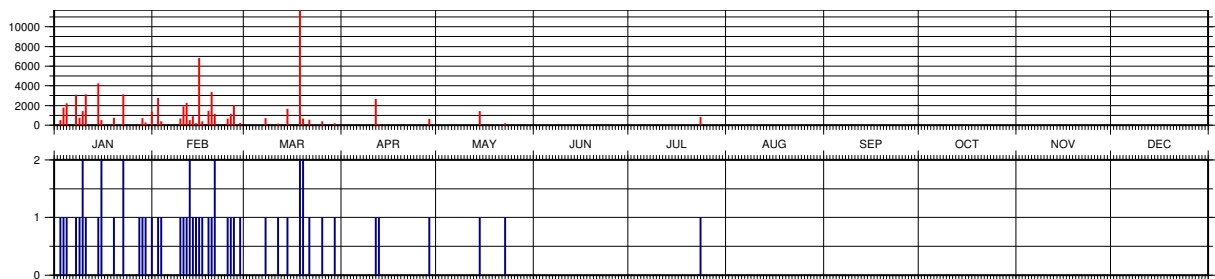


Figure 4.200: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.42.8 Stations tracked Glonass-124 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	5 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	21 / 6	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	19 / 4	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	2 / 1	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	359 / 127	264800 / 123	194 / 60	73061 / 53
Graz, Austria (78393402)	709 / 118	0 / 0	336 / 60	0 / 0
Herstmonceux, United Kingdom (78403501)	196 / 65	27994 / 51	116 / 37	0 / 0
Katzively, Ukraine (18931801)	51 / 8	804 / 8	0 / 0	0 / 0
Potsdam, Germany (78418701)	233 / 26	0 / 0	137 / 15	0 / 0
Shanghai, China (78212801)	70 / 21	0 / 0	25 / 6	0 / 0
Simeiz, Ukraine (18734901)	36 / 6	1099 / 6	15 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	12 / 4	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	994 / 276	0 / 0	381 / 112	0 / 0
Zelenchukskya, Russia (18899901)	53 / 16	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	521 / 163	0 / 0	240 / 76	0 / 0

¹ Number of observations; ² Number of files/passes

4.43 Glonass-125 (1100901)

4.43.1 Common Information

Official name:	glonass125
COSPAR ID:	1100901
SIC Code:	9125
NORAD ID:	37372
Launch Date:	2011-02-26

4.43.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	243 ¹ / 65 ²	15253 / 34	292 / 80	4150 / 12	31 ²
February	243 / 75	11647 / 24	338 / 89	6880 / 10	28
March	118 / 33	17601 / 19	138 / 38	2666 / 2	2
April	10 / 3	1225 / 3	10 / 3	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	6 / 2	1416 / 2	0 / 0	0 / 0	0
July	2 / 1	49 / 1	0 / 0	0 / 0	0
August	4 / 2	827 / 2	0 / 0	0 / 0	0
September	62 / 26	0 / 0	0 / 0	0 / 0	0
October	14 / 6	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	6 / 4	0 / 0	0 / 0	0 / 0	0
Year	708 / 217	48018 / 85	778 / 210	13696 / 24	61

¹ Number of observations; ² Number of files/passes

4.43.3 Daily number of Predictions (CPF) in 2012

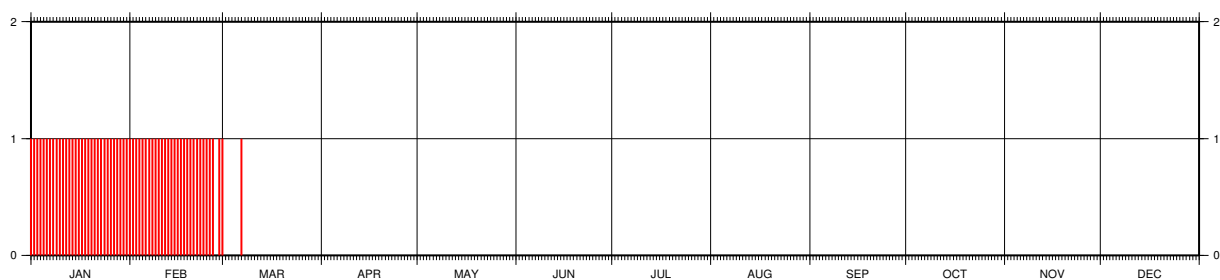


Figure 4.201: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.43.4 Daily number of Normal Points (CRD) in 2012

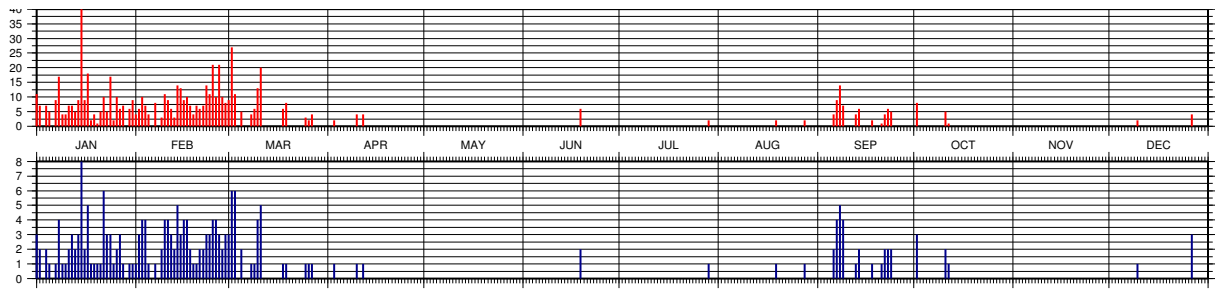


Figure 4.202: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.43.5 Daily number of Full-Rate data (CRD) in 2012

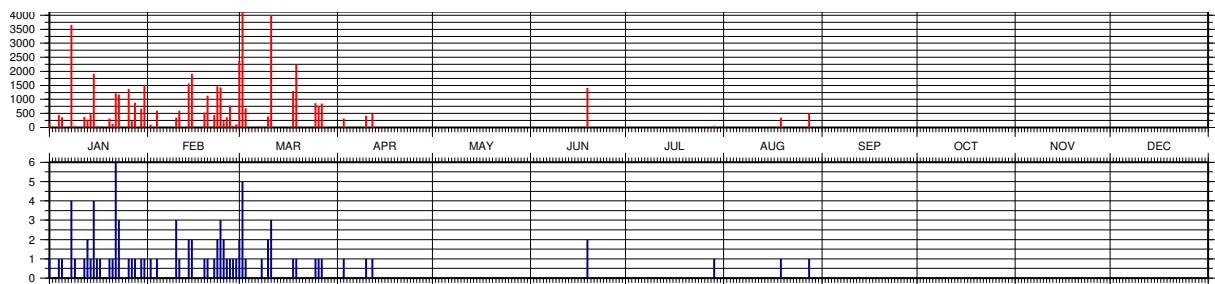


Figure 4.203: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.43.6 Daily number of Normal Points (CSTG) in 2012

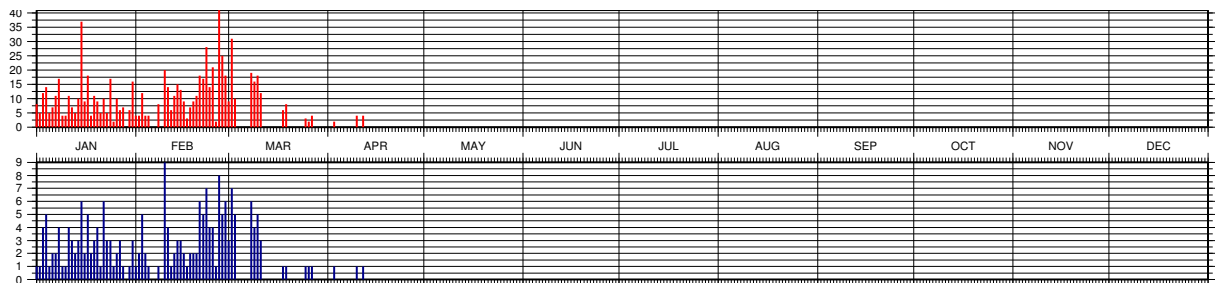


Figure 4.204: Daily number of Normal Points (CSTG) in 2012

4.43.7 Daily number of Full-Rate data (MERIT-II) in 2012

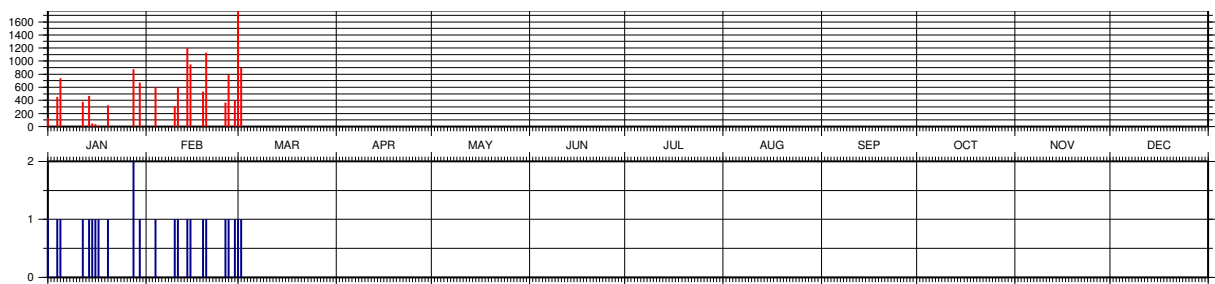


Figure 4.205: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.43.8 Stations tracked Glonass-125 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	69 ¹ / 34 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	2 / 1	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	47 / 18	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	4 / 1	0 / 0	4 / 1	0 / 0
Changchun, China (72371901)	72 / 20	12905 / 20	77 / 21	13456 / 20
Golosiiv, Ukraine (18248101)	2 / 1	4 / 1	2 / 1	0 / 0
Grasse, France (LLR) (78457801)	23 / 7	3486 / 7	23 / 7	0 / 0
Graz, Austria (78393402)	111 / 21	0 / 0	111 / 21	0 / 0
Greenbelt, Maryland (71050725)	0 / 0	0 / 0	129 / 41	0 / 0
Herstmonceux, United Kingdom (78403501)	91 / 28	10817 / 15	83 / 24	0 / 0
Katzively, Ukraine (18931801)	38 / 6	300 / 6	38 / 6	240 / 4
Komsomolsk-na-Amure, Russia (18685901)	44 / 23	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	98 / 33	15899 / 27	98 / 33	0 / 0
McDonald Observatory, Texas (70802419)	9 / 2	0 / 0	9 / 2	0 / 0
Monument Peak, California (71100412)	0 / 0	0 / 0	66 / 23	0 / 0
Mt Stromlo, Australia (78259001)	9 / 3	0 / 0	9 / 3	0 / 0
San Juan, Argentina (74068801)	29 / 5	136 / 2	54 / 9	0 / 0
Shanghai, China (78212801)	4 / 1	0 / 0	4 / 1	0 / 0
Simosato, Japan (78383603)	7 / 1	0 / 0	7 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	29 / 7	4471 / 7	29 / 7	0 / 0
Yarragadee, Australia (70900513)	0 / 0	0 / 0	29 / 8	0 / 0
Zelenchukskya, Russia (18899901)	14 / 4	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.44 Glonass-126 (1105501)

4.44.1 Common Information

Official name:	glonass126
COSPAR ID:	1105501
SIC Code:	9126
NORAD ID:	37829
Launch Date:	2011-10-02

4.44.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	178 ¹ / 33 ²	0 / 0	333 / 72	0 / 0	26 ²
February	103 / 25	5780 / 4	239 / 66	6905 / 5	29
March	144 / 27	23156 / 12	340 / 77	22311 / 7	31
April	117 / 23	2013 / 6	257 / 65	1045 / 2	30
May	299 / 87	17694 / 10	201 / 56	13958 / 5	31
June	204 / 49	5277 / 6	14 / 5	2420 / 1	29
July	321 / 95	19473 / 11	13 / 8	12821 / 5	29
August	302 / 91	45118 / 21	8 / 3	900 / 1	31
September	445 / 105	63143 / 16	9 / 2	0 / 0	30
October	542 / 120	91332 / 23	0 / 0	0 / 0	25
November	181 / 58	21476 / 20	0 / 0	0 / 0	29
December	210 / 62	123751 / 20	0 / 0	0 / 0	31
Year	3046 / 775	418213 / 149	1414 / 354	60360 / 26	351

¹ Number of observations; ² Number of files/passes

4.44.3 Daily number of Predictions (CPF) in 2012

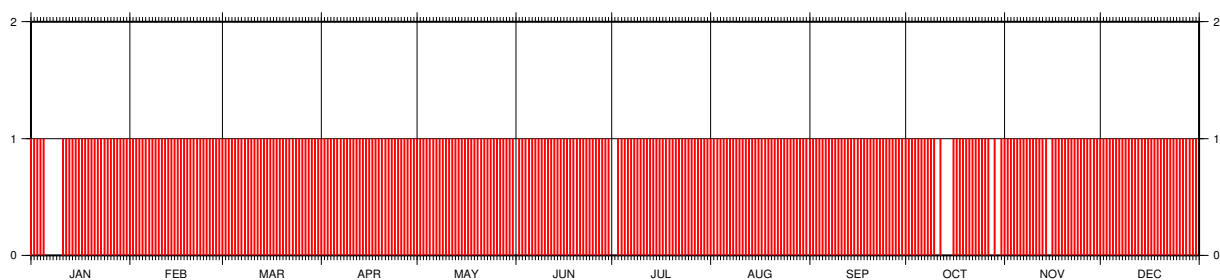


Figure 4.206: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.44.4 Daily number of Normal Points (CRD) in 2012

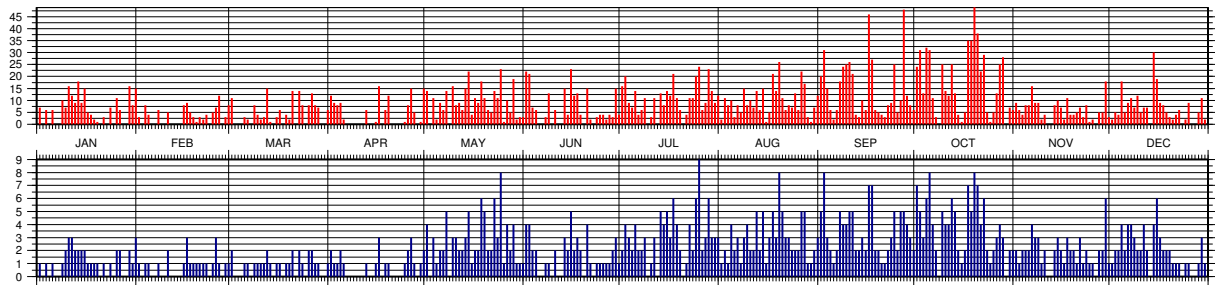


Figure 4.207: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.44.5 Daily number of Full-Rate data (CRD) in 2012

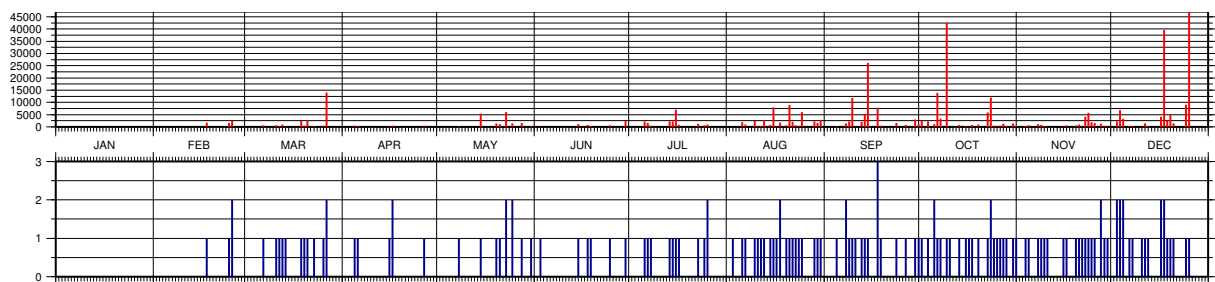


Figure 4.208: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.44.6 Daily number of Normal Points (CSTG) in 2012

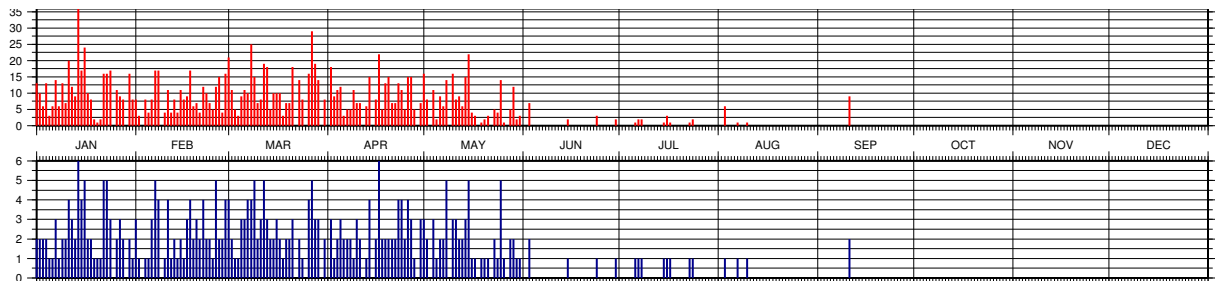


Figure 4.209: Daily number of Normal Points (CSTG) in 2012

4.44.7 Daily number of Full-Rate data (MERIT-II) in 2012

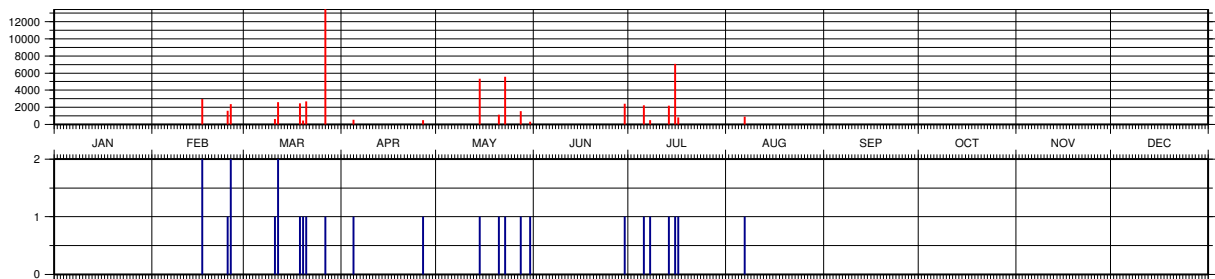


Figure 4.210: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.44.8 Stations tracked Glonass-126 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	2 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	6 / 2	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	35 / 6	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	224 / 100	393019 / 98	87 / 35	60360 / 26
Graz, Austria (78393402)	666 / 112	0 / 0	363 / 62	0 / 0
Herstmonceux, United Kingdom (78403501)	170 / 61	24530 / 46	80 / 29	0 / 0
Mt Stromlo, Australia (78259001)	4 / 1	0 / 0	4 / 1	0 / 0
Potsdam, Germany (78418701)	307 / 35	0 / 0	82 / 10	0 / 0
Shanghai, China (78212801)	101 / 30	0 / 0	20 / 5	0 / 0
Simeiz, Ukraine (18734901)	29 / 5	664 / 5	22 / 4	0 / 0
Wetzell, Germany (WLRS) (88341001)	9 / 3	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	1100 / 291	0 / 0	688 / 187	0 / 0
Zelenchukskya, Russia (18899901)	102 / 32	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	291 / 96	0 / 0	68 / 21	0 / 0

¹ Number of observations; ² Number of files/passes

4.45 Glonass-127 (1106403)

4.45.1 Common Information

Official name:	glonass127
COSPAR ID:	1106403
SIC Code:	9127
NORAD ID:	37869
Launch Date:	2011-11-04

4.45.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	165 / 39	10119 / 10	50 / 5	0 / 0	19
October	812 / 183	118179 / 55	60 / 5	0 / 0	32
November	16 / 4	2589 / 4	0 / 0	0 / 0	0
December	16 / 4	1397 / 3	0 / 0	0 / 0	0
Year	1009 / 230	132284 / 72	110 / 10	0 / 0	51

¹ Number of observations; ² Number of files/passes

4.45.3 Daily number of Predictions (CPF) in 2012

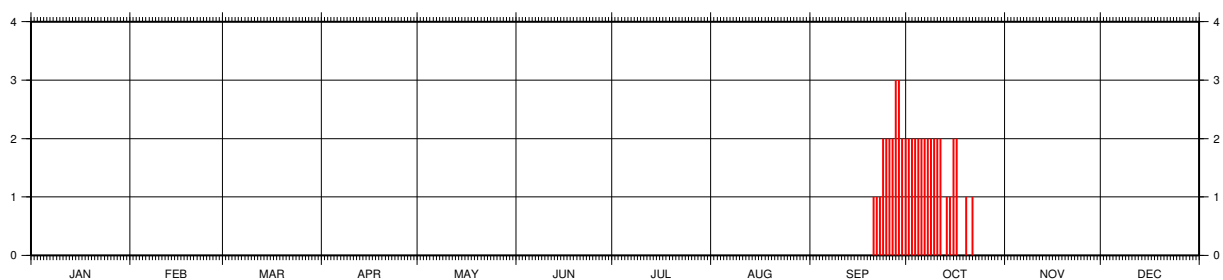


Figure 4.211: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.45.4 Daily number of Normal Points (CRD) in 2012

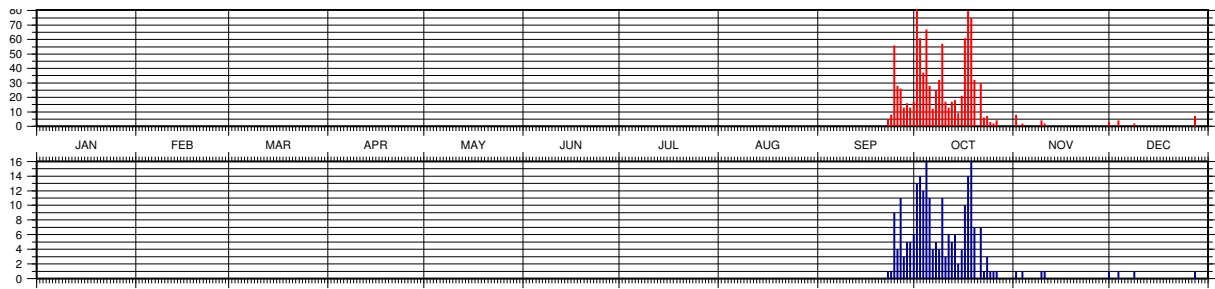


Figure 4.212: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.45.5 Daily number of Full-Rate data (CRD) in 2012

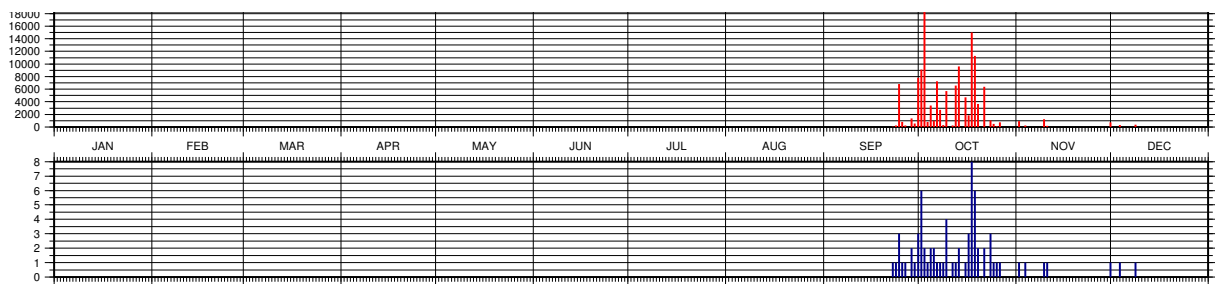


Figure 4.213: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.45.6 Daily number of Normal Points (CSTG) in 2012

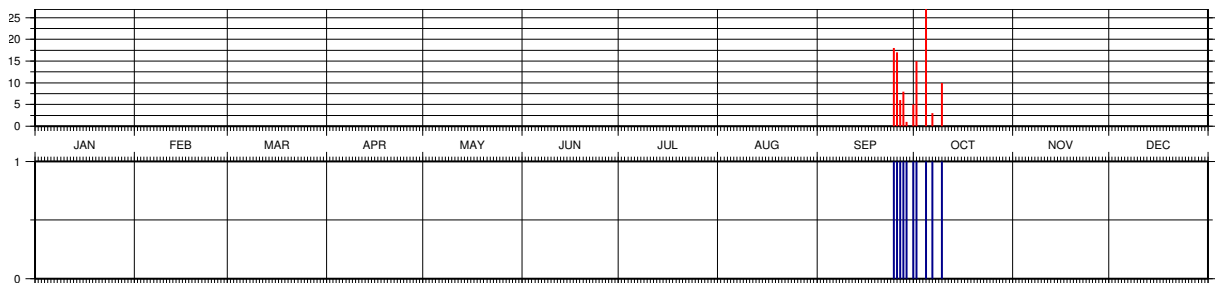


Figure 4.214: Daily number of Normal Points (CSTG) in 2012

4.45.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.45.8 Stations tracked Glonass-127 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	8 ¹ / 3 ²	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	72 / 26	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	47 / 21	38705 / 20	0 / 0	0 / 0
Grasse, France (LLR) (78457801)	18 / 6	3410 / 6	0 / 0	0 / 0
Graz, Austria (78393402)	56 / 7	0 / 0	0 / 0	0 / 0
Greenbelt, Maryland (71050725)	10 / 3	0 / 0	0 / 0	0 / 0
Herstmonceux, United Kingdom (78403501)	41 / 12	5573 / 12	0 / 0	0 / 0
Katzively, Ukraine (18931801)	27 / 4	709 / 4	0 / 0	0 / 0
Koganei, Japan(CRL) (73085001)	5 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	134 / 30	83887 / 30	0 / 0	0 / 0
McDonald Observatory, Texas (70802419)	11 / 3	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	37 / 14	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	110 / 10	0 / 0	110 / 10	0 / 0
Potsdam, Germany (78418701)	73 / 7	0 / 0	0 / 0	0 / 0
Shanghai, China (78212801)	8 / 3	0 / 0	0 / 0	0 / 0
Simosato, Japan (78383603)	14 / 2	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	122 / 20	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	146 / 44	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	70 / 14	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.46 Glonass-128 (1106401)

4.46.1 Common Information

Official name:	glonass128
COSPAR ID:	1106401
SIC Code:	9128
NORAD ID:	37867
Launch Date:	2011-11-04

4.46.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	195 ¹ / 42 ²	0 / 0	349 / 83	0 / 0	26 ²
February	185 / 44	4237 / 6	282 / 75	5206 / 8	29
March	247 / 46	8159 / 11	437 / 93	7298 / 8	31
April	125 / 31	7680 / 9	236 / 62	5638 / 4	30
May	341 / 89	18751 / 12	227 / 55	6813 / 5	31
June	269 / 66	9541 / 7	19 / 6	7157 / 3	29
July	328 / 102	36186 / 14	15 / 7	24212 / 6	29
August	373 / 95	52097 / 20	6 / 2	4051 / 2	31
September	423 / 107	48738 / 19	2 / 1	0 / 0	30
October	532 / 119	39124 / 20	0 / 0	0 / 0	26
November	279 / 70	38458 / 16	0 / 0	0 / 0	29
December	226 / 64	60160 / 21	0 / 0	0 / 0	31
Year	3523 / 875	323131 / 155	1573 / 384	60375 / 36	352

¹ Number of observations; ² Number of files/passes

4.46.3 Daily number of Predictions (CPF) in 2012

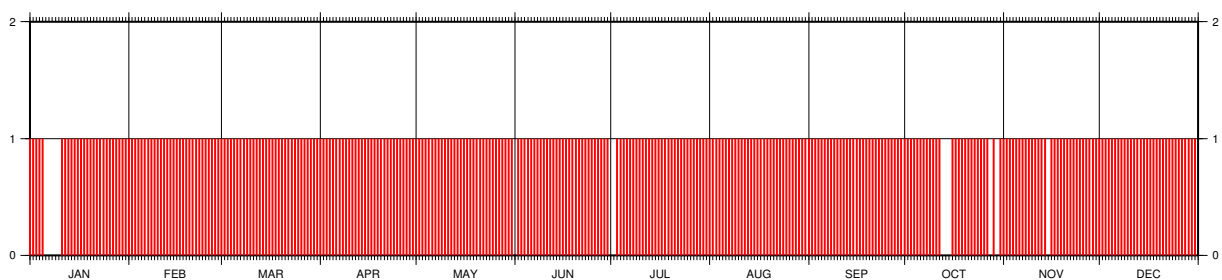


Figure 4.215: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.46.4 Daily number of Normal Points (CRD) in 2012

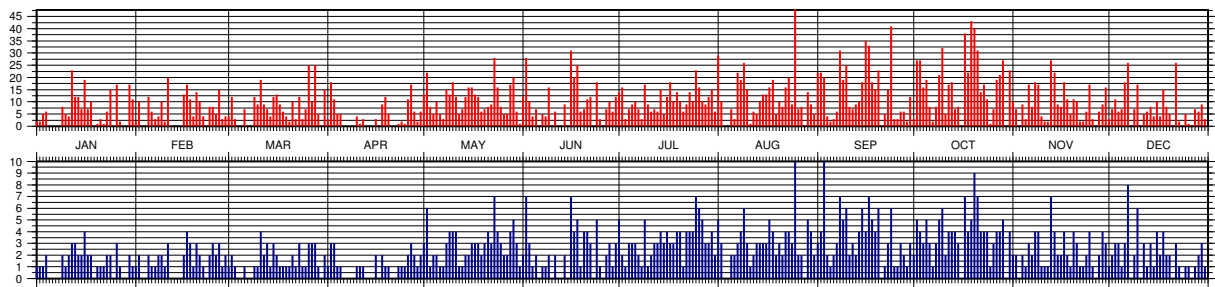


Figure 4.216: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.46.5 Daily number of Full-Rate data (CRD) in 2012

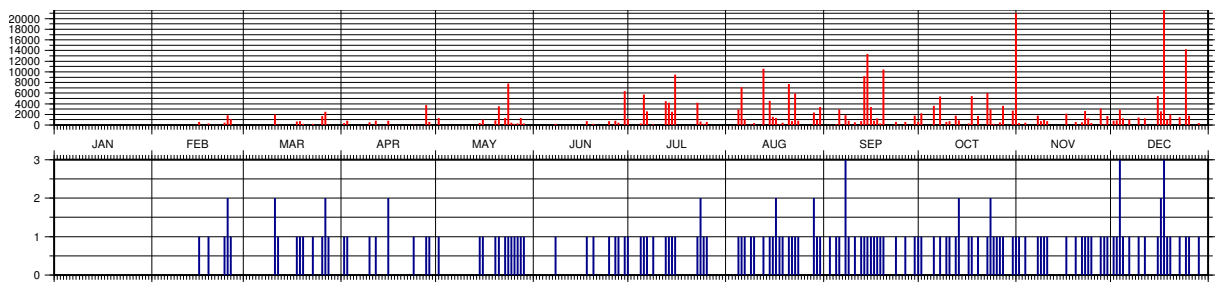


Figure 4.217: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.46.6 Daily number of Normal Points (CSTG) in 2012

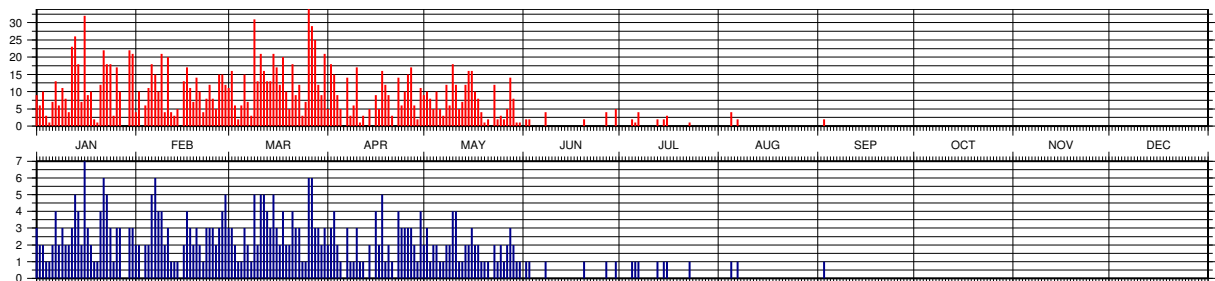


Figure 4.218: Daily number of Normal Points (CSTG) in 2012

4.46.7 Daily number of Full-Rate data (MERIT-II) in 2012

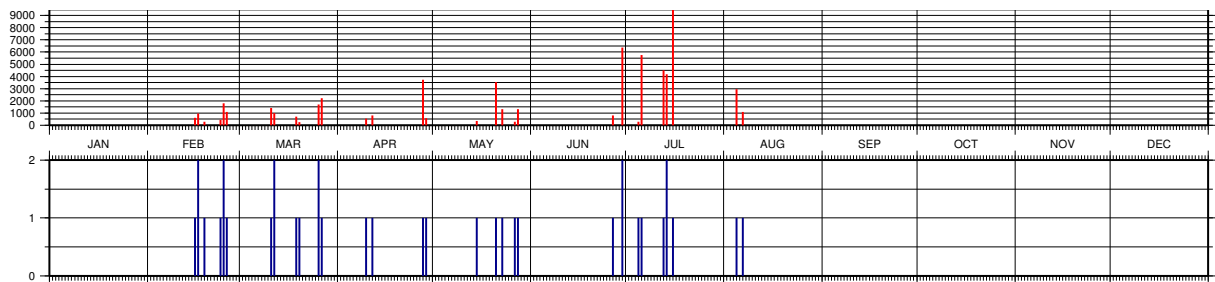


Figure 4.219: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.46.8 Stations tracked Glonass-128 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	3 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	5 / 2	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	18 / 4	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	255 / 105	289497 / 102	99 / 37	60375 / 36
Graz, Austria (78393402)	675 / 119	0 / 0	350 / 63	0 / 0
Herstmonceux, United Kingdom (78403501)	202 / 69	33423 / 52	117 / 38	0 / 0
Mt Stromlo, Australia (78259001)	13 / 3	0 / 0	13 / 3	0 / 0
Potsdam, Germany (78418701)	347 / 40	0 / 0	67 / 8	0 / 0
Shanghai, China (78212801)	77 / 24	0 / 0	23 / 6	0 / 0
Simeiz, Ukraine (18734901)	4 / 1	211 / 1	4 / 1	0 / 0
Svetloe, Russia (18889801)	6 / 1	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	26 / 8	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	1135 / 303	0 / 0	572 / 156	0 / 0
Zelenchukskya, Russia (18899901)	107 / 36	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	650 / 159	0 / 0	328 / 72	0 / 0

¹ Number of observations; ² Number of files/passes

4.47 Glonass-129 (1106402)

4.47.1 Common Information

Official name:	glonass129
COSPAR ID:	1106402
SIC Code:	9129
NORAD ID:	37868
Launch Date:	2011-11-04

4.47.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	156 ¹ / 37 ²	0 / 0	249 / 67	0 / 0	26 ²
February	133 / 36	6854 / 4	239 / 63	8214 / 6	29
March	235 / 55	3182 / 7	365 / 88	2857 / 4	30
April	127 / 34	4121 / 6	180 / 52	1591 / 3	30
May	267 / 71	17282 / 9	153 / 44	14980 / 7	31
June	218 / 63	10551 / 8	19 / 5	8705 / 3	29
July	384 / 111	17063 / 11	11 / 5	13658 / 4	29
August	324 / 84	45782 / 16	4 / 2	3287 / 1	31
September	386 / 94	42130 / 14	0 / 0	0 / 0	30
October	523 / 116	101277 / 31	22 / 5	0 / 0	36
November	639 / 158	134599 / 59	65 / 14	0 / 0	61
December	750 / 209	83282 / 72	97 / 21	0 / 0	59
Year	4142 / 1068	466123 / 237	1404 / 366	53292 / 28	421

¹ Number of observations; ² Number of files/passes

4.47.3 Daily number of Predictions (CPF) in 2012

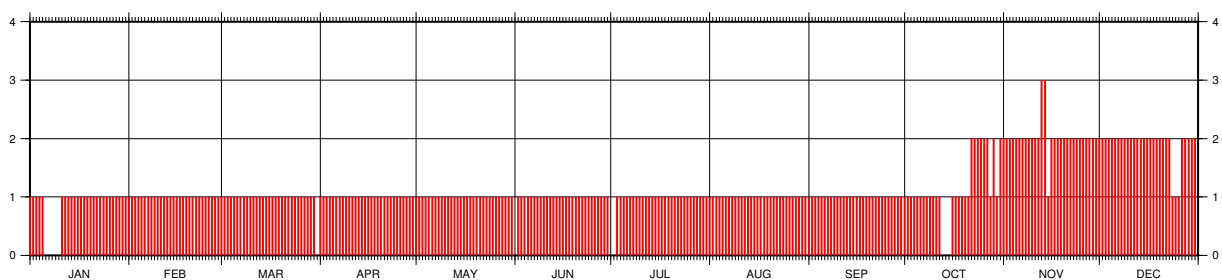


Figure 4.220: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.47.4 Daily number of Normal Points (CRD) in 2012

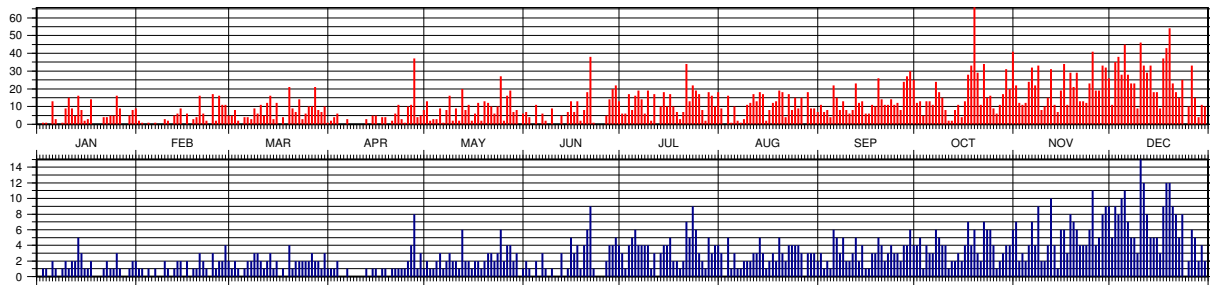


Figure 4.221: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.47.5 Daily number of Full-Rate data (CRD) in 2012

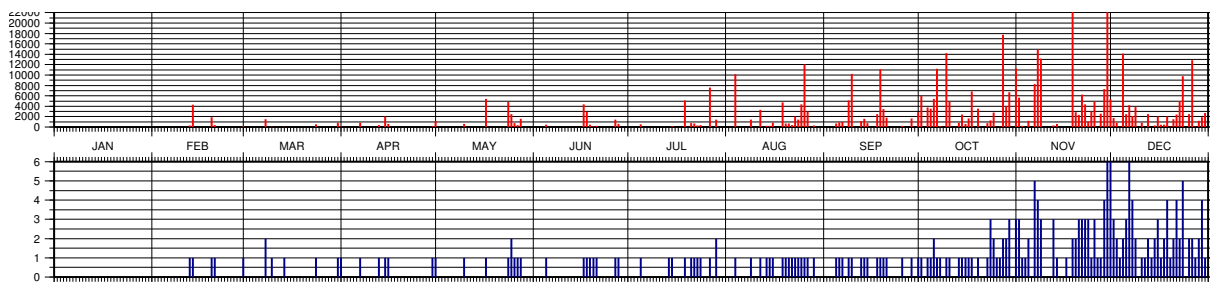


Figure 4.222: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.47.6 Daily number of Normal Points (CSTG) in 2012

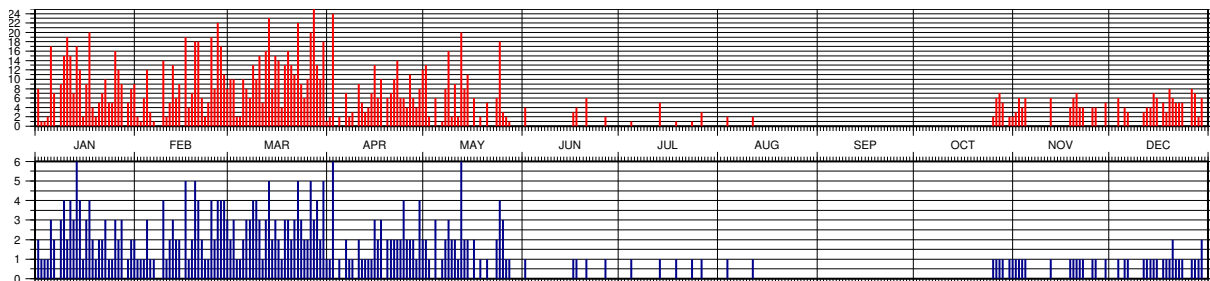


Figure 4.223: Daily number of Normal Points (CSTG) in 2012

4.47.7 Daily number of Full-Rate data (MERIT-II) in 2012

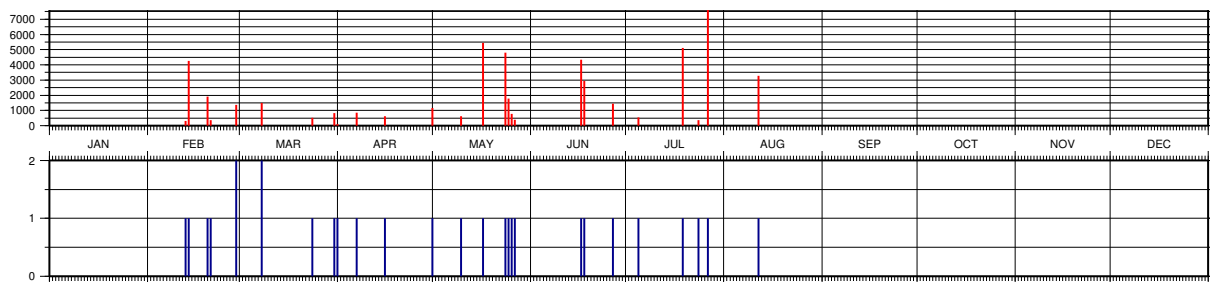


Figure 4.224: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.47.8 Stations tracked Glonass-129 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	15 ¹ / 7 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	49 / 17	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	116 / 10	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	30 / 9	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	245 / 95	305158 / 90	81 / 31	53292 / 28
Grasse, France (LLR) (78457801)	42 / 14	8641 / 15	0 / 0	0 / 0
Graz, Austria (78393402)	573 / 105	0 / 0	303 / 56	0 / 0
Greenbelt, Maryland (71050725)	104 / 23	0 / 0	0 / 0	0 / 0
Herstmonceux, United Kingdom (78403501)	181 / 59	29764 / 44	63 / 24	0 / 0
Katzively, Ukraine (18931801)	21 / 3	654 / 3	0 / 0	0 / 0
Koganei, Japan(CRL) (73085001)	6 / 1	0 / 0	0 / 0	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	37 / 19	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	178 / 45	119487 / 45	0 / 0	0 / 0
McDonald Observatory, Texas (70802419)	63 / 16	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	87 / 26	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	18 / 5	0 / 0	18 / 5	0 / 0
Potsdam, Germany (78418701)	198 / 28	0 / 0	60 / 10	0 / 0
San Juan, Argentina (74068801)	174 / 36	2071 / 37	166 / 35	0 / 0
Shanghai, China (78212801)	82 / 24	0 / 0	11 / 3	0 / 0
Simeiz, Ukraine (18734901)	19 / 3	348 / 3	11 / 2	0 / 0
Simosato, Japan (78383603)	68 / 10	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	8 / 2	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	68 / 13	0 / 0	0 / 0	0 / 0
Yarragadee, Australia (70900513)	1097 / 309	0 / 0	488 / 134	0 / 0
Zelenchukskya, Russia (18899901)	136 / 41	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	527 / 148	0 / 0	203 / 66	0 / 0

¹ Number of observations; ² Number of files/passes

4.48 Glonass-130 (1107101)

4.48.1 Common Information

Official name:	glonass130
COSPAR ID:	1107101
SIC Code:	9130
NORAD ID:	37938
Launch Date:	2011-11-28

4.48.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	143 ¹ / 38 ²	16851 / 9	223 / 62	15500 / 7	26 ²
February	208 / 54	41313 / 19	324 / 82	33786 / 17	29
March	566 / 138	110996 / 88	866 / 218	22717 / 13	51
April	598 / 141	123626 / 83	914 / 236	4808 / 6	72
May	901 / 218	177164 / 84	727 / 172	7629 / 7	90
June	1123 / 274	351273 / 142	234 / 57	2487 / 4	90
July	941 / 254	190612 / 95	175 / 43	9511 / 7	90
August	980 / 245	236583 / 96	221 / 37	347 / 1	93
September	806 / 236	67111 / 62	111 / 25	0 / 0	90
October	796 / 214	88195 / 55	116 / 32	0 / 0	87
November	568 / 161	67127 / 46	69 / 15	0 / 0	89
December	500 / 146	62011 / 48	126 / 25	0 / 0	90
Year	8130 / 2119	1532862 / 827	4106 / 1004	96785 / 62	897

¹ Number of observations; ² Number of files/passes

4.48.3 Daily number of Predictions (CPF) in 2012

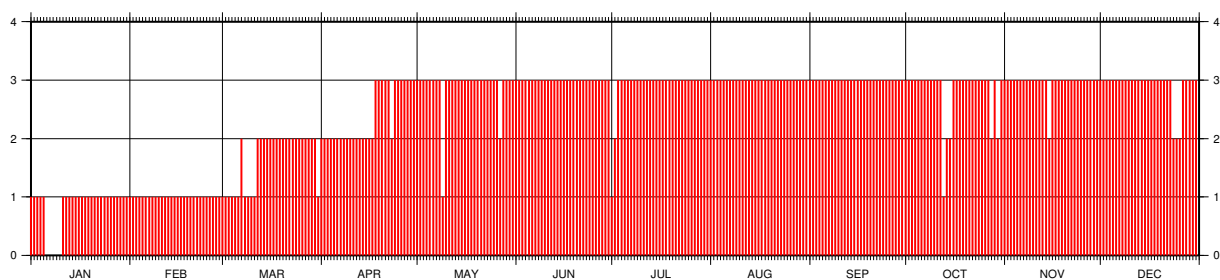


Figure 4.225: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.48.4 Daily number of Normal Points (CRD) in 2012

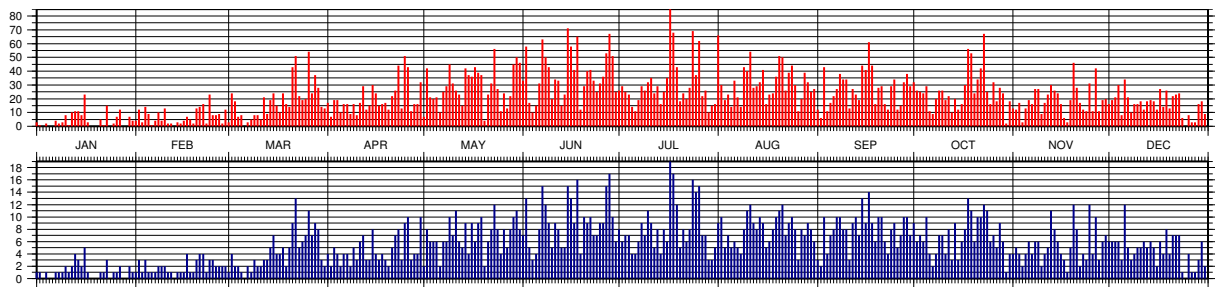


Figure 4.226: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.48.5 Daily number of Full-Rate data (CRD) in 2012

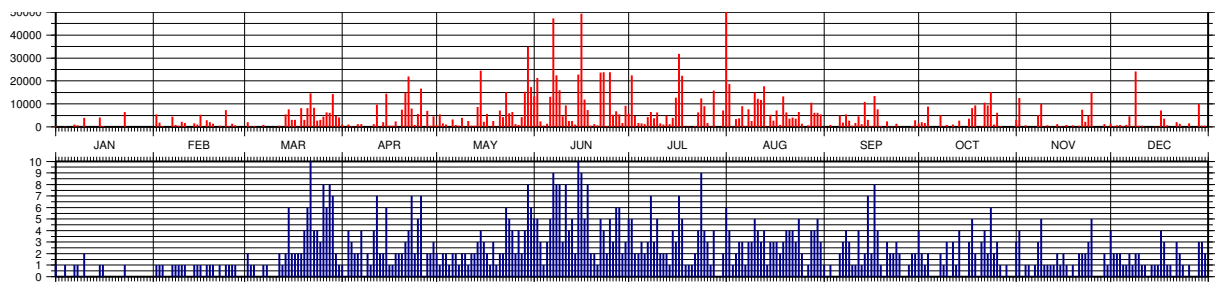


Figure 4.227: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.48.6 Daily number of Normal Points (CSTG) in 2012

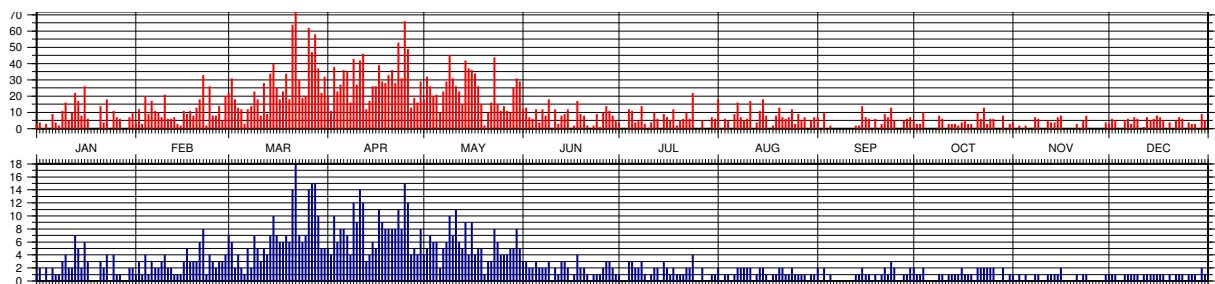


Figure 4.228: Daily number of Normal Points (CSTG) in 2012

4.48.7 Daily number of Full-Rate data (MERIT-II) in 2012

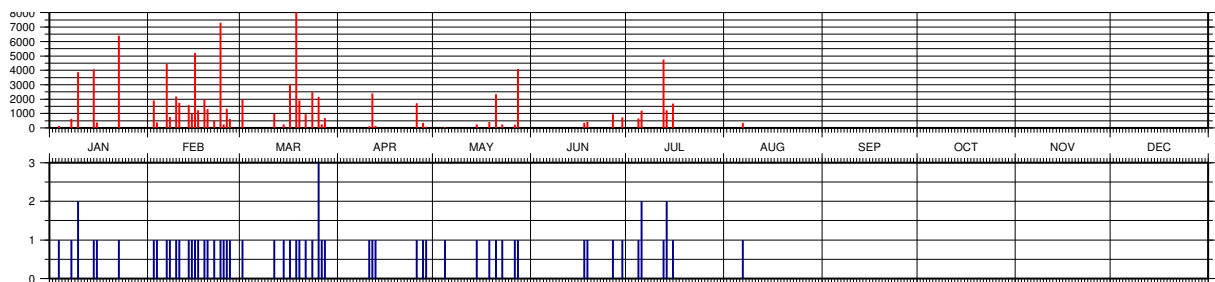


Figure 4.229: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.48.8 Stations tracked Glonass-130 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	138 ¹ / 46 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	48 / 19	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	16 / 3	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	111 / 42	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	42 / 10	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	342 / 137	283102 / 136	210 / 73	96785 / 62
Golosiv, Ukraine (18248101)	11 / 4	64 / 4	9 / 3	0 / 0
Grasse, France (LLR) (78457801)	128 / 38	26426 / 38	33 / 9	0 / 0
Graz, Austria (78393402)	595 / 113	0 / 0	266 / 49	0 / 0
Greenbelt, Maryland (71050725)	277 / 72	0 / 0	196 / 65	0 / 0
Hartebeesthoek, South Africa (75010602)	154 / 40	0 / 0	12 / 2	0 / 0
Herstmonceux, United Kingdom (78403501)	219 / 69	28403 / 56	115 / 35	0 / 0
Katzively, Ukraine (18931801)	279 / 45	10369 / 45	86 / 13	0 / 0
Koganei, Japan(CRL) (73085001)	80 / 15	0 / 0	22 / 4	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	51 / 25	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	1264 / 310	985726 / 310	384 / 98	0 / 0
McDonald Observatory, Texas (70802419)	84 / 20	0 / 0	40 / 9	0 / 0
Monument Peak, California (71100412)	186 / 70	0 / 0	102 / 33	0 / 0
Mt Stromlo, Australia (78259001)	479 / 93	0 / 0	476 / 91	0 / 0
Potsdam, Germany (78418701)	272 / 32	0 / 0	100 / 13	0 / 0
San Fernando, Spain (78244502)	6 / 2	162 / 2	0 / 0	0 / 0
San Juan, Argentina (74068801)	750 / 148	15356 / 143	763 / 151	0 / 0
Shanghai, China (78212801)	63 / 20	0 / 0	31 / 10	0 / 0
Simeiz, Ukraine (18734901)	19 / 4	530 / 4	14 / 3	0 / 0
Simosato, Japan (78383603)	101 / 14	0 / 0	8 / 1	0 / 0
Tahiti, French Polynesia (71240802)	111 / 29	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	497 / 137	182724 / 89	279 / 72	0 / 0
Yarragadee, Australia (70900513)	1187 / 362	0 / 0	682 / 182	0 / 0
Zelenchukyska, Russia (18899901)	91 / 28	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	529 / 172	0 / 0	278 / 88	0 / 0

¹ Number of observations; ² Number of files/passes

4.49 Glonass-95 (0405302)

4.49.1 Common Information

Official name:	glonass95
COSPAR ID:	0405302
SIC Code:	9095
NORAD ID:	28509
Launch Date:	—

4.49.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	21 / 4	24121 / 4	0 / 0	0 / 0	4
November	65 / 22	50505 / 22	0 / 0	0 / 0	29
December	60 / 20	31117 / 17	0 / 0	0 / 0	31
Year	146 / 46	105743 / 43	0 / 0	0 / 0	64

¹ Number of observations; ² Number of files/passes

4.49.3 Daily number of Predictions (CPF) in 2012

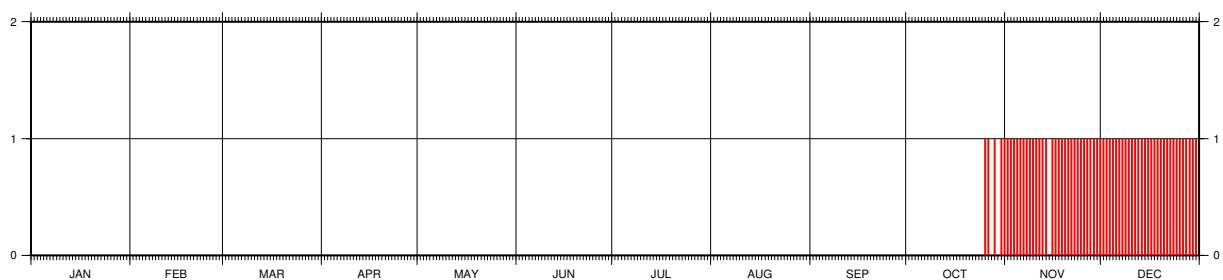


Figure 4.230: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.49.4 Daily number of Normal Points (CRD) in 2012

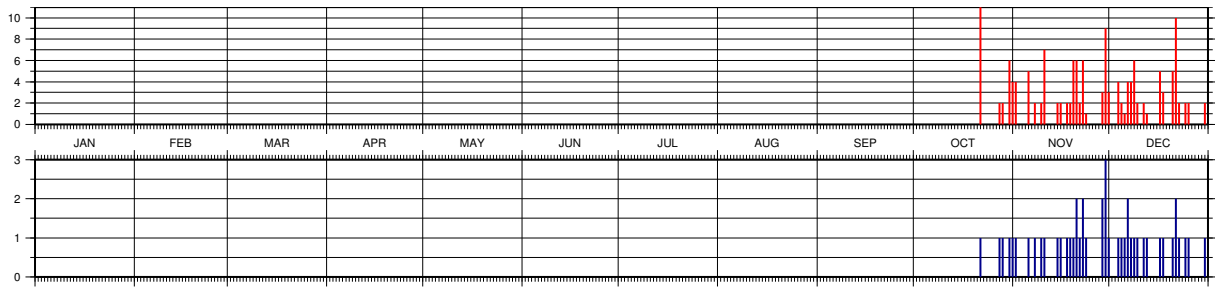


Figure 4.231: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.49.5 Daily number of Full-Rate data (CRD) in 2012

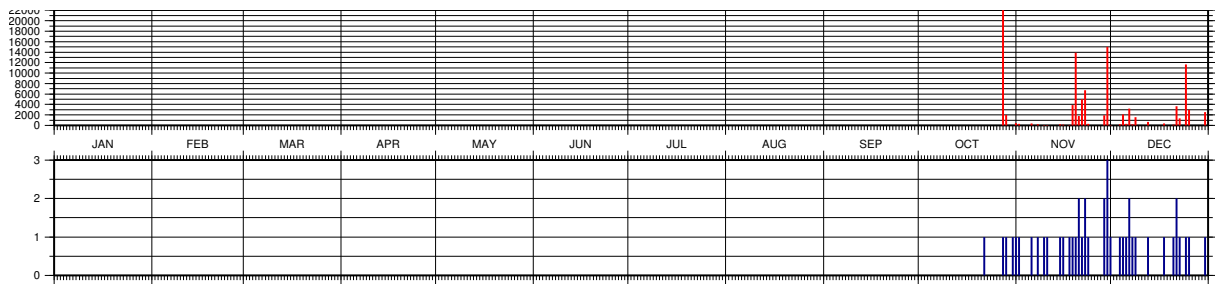


Figure 4.232: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.49.6 Daily number of Normal Points (CSTG) in 2012

No data available in 2012!

4.49.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.49.8 Stations tracked Glonass-95 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arkhyz, Russia (18869601)	7 ¹ / 2 ²	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	61 / 24	100387 / 24	0 / 0	0 / 0
Herstmonceux, United Kingdom (78403501)	52 / 16	5215 / 16	0 / 0	0 / 0
Katzively, Ukraine (18931801)	24 / 3	141 / 3	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	2 / 1	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.50 Goce (0901301)

4.50.1 Common Information

Official name:	goce
COSPAR ID:	0901301
SIC Code:	0499
NORAD ID:	34602
Launch Date:	2009-03-17

4.50.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	597 ¹ / 32 ²	105551 / 9	1470 / 87	36713 / 5	84 ²
February	572 / 42	137955 / 18	1766 / 105	124416 / 19	82
March	781 / 50	48556 / 19	1939 / 115	46992 / 14	86
April	624 / 45	9833 / 25	1543 / 99	7049 / 4	87
May	1365 / 87	2386 / 14	830 / 57	0 / 0	78
June	660 / 47	562 / 6	148 / 12	0 / 0	80
July	1866 / 117	1458 / 15	480 / 35	0 / 0	90
August	1113 / 71	633 / 9	184 / 11	0 / 0	89
September	1421 / 83	18505 / 22	54 / 4	0 / 0	83
October	1728 / 110	102956 / 22	171 / 14	0 / 0	88
November	1050 / 67	54511 / 12	64 / 5	0 / 0	84
December	829 / 64	65779 / 16	55 / 7	0 / 0	76
Year	12606 / 815	548685 / 187	8704 / 551	215170 / 42	1007

¹ Number of observations; ² Number of files/passes

4.50.3 Daily number of Predictions (CPF) in 2012

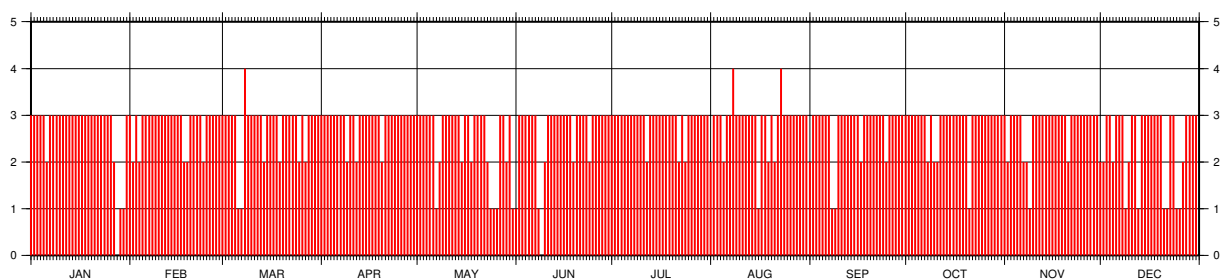


Figure 4.233: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.50.4 Daily number of Normal Points (CRD) in 2012

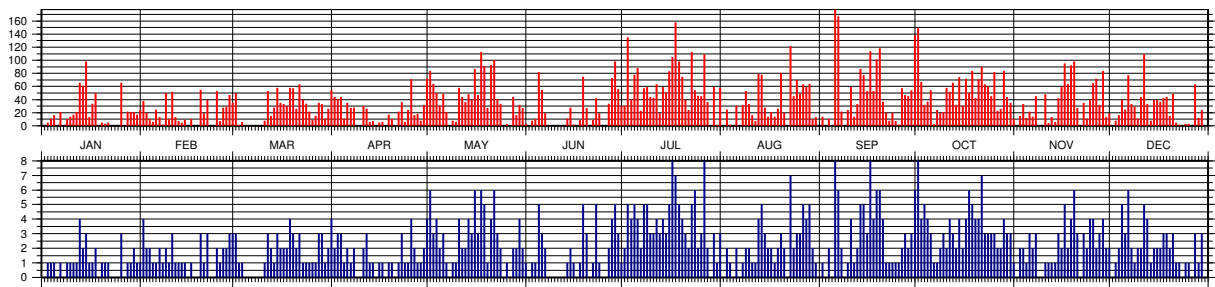


Figure 4.234: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.50.5 Daily number of Full-Rate data (CRD) in 2012

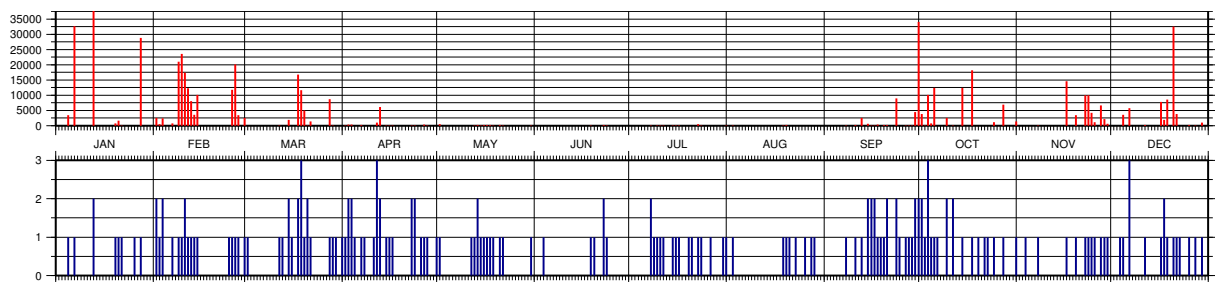


Figure 4.235: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.50.6 Daily number of Normal Points (CSTG) in 2012

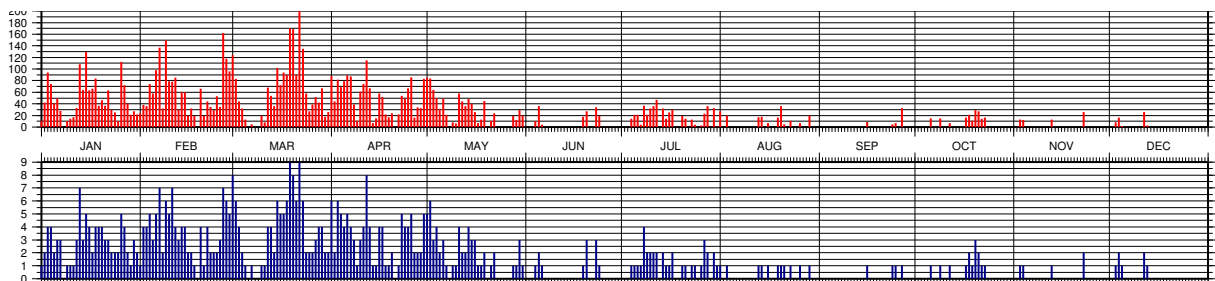


Figure 4.236: Daily number of Normal Points (CSTG) in 2012

4.50.7 Daily number of Full-Rate data (MERIT-II) in 2012

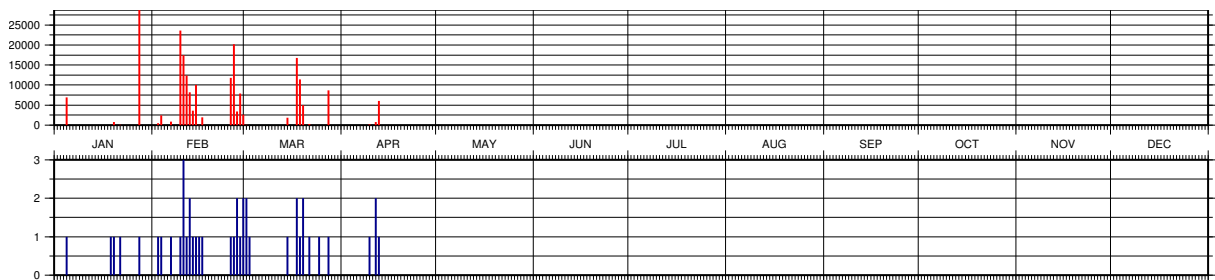


Figure 4.237: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.50.8 Stations tracked Goce in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	176 ¹ / 24 ²	0 / 0	40 / 8	0 / 0
Beijing, China (72496102)	65 / 5	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	677 / 70	534873 / 68	323 / 32	213677 / 26
Grasse, France (LLR) (78457801)	5 / 1	15 / 1	0 / 0	0 / 0
Graz, Austria (78393402)	609 / 34	0 / 0	105 / 7	0 / 0
Greenbelt, Maryland (71050725)	1140 / 62	0 / 0	1488 / 67	0 / 0
Haleakala, Hawaii (71191402)	17 / 4	0 / 0	5 / 2	0 / 0
Hartebeesthoek, South Africa (75010602)	347 / 24	0 / 0	238 / 11	0 / 0
Herstmonceux, United Kingdom (78403501)	4 / 1	797 / 5	245 / 25	0 / 0
Katziwely, Ukraine (18931801)	205 / 14	1418 / 14	38 / 3	0 / 0
Koganei, Japan(CRL) (73085001)	11 / 2	0 / 0	6 / 1	0 / 0
Matera, Italy (MLRO) (79417701)	68 / 12	1488 / 11	18 / 4	425 / 4
Monument Peak, California (71100412)	1121 / 58	0 / 0	527 / 27	0 / 0
Mt Stromlo, Australia (78259001)	770 / 68	0 / 0	770 / 68	0 / 0
Potsdam, Germany (78418701)	776 / 46	0 / 0	390 / 23	0 / 0
Riga, Latvia (18844401)	157 / 9	0 / 0	157 / 9	0 / 0
San Fernando, Spain (78244502)	33 / 6	509 / 6	192 / 18	1068 / 12
San Juan, Argentina (74068801)	982 / 56	4162 / 56	1028 / 59	0 / 0
Shanghai, China (78212801)	2 / 1	0 / 0	2 / 1	0 / 0
Tahiti, French Polynesia (71240802)	0 / 0	0 / 0	18 / 1	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	13 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	291 / 41	5423 / 26	187 / 26	0 / 0
Yarragadee, Australia (70900513)	2871 / 157	0 / 0	1755 / 100	0 / 0
Zimmerwald, Switzerland (78106801)	2279 / 120	0 / 0	1159 / 58	0 / 0

¹ Number of observations; ² Number of files/passes

4.51 GPS-35 (9305401)

4.51.1 Common Information

Official name:	gps35
COSPAR ID:	9305401
SIC Code:	3535
NORAD ID:	22779
Launch Date:	—

4.51.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	38 ¹ / 13 ²	284 / 2	38 / 13	284 / 2	31 ²
February	74 / 12	1256 / 4	74 / 12	1914 / 7	29
March	176 / 21	309 / 1	176 / 21	309 / 1	31
April	41 / 12	0 / 0	41 / 12	0 / 0	29
May	78 / 13	0 / 0	78 / 13	0 / 0	30
June	54 / 12	0 / 0	19 / 2	0 / 0	30
July	69 / 18	32 / 3	18 / 3	0 / 0	31
August	106 / 24	380 / 13	63 / 13	0 / 0	31
September	24 / 7	27 / 1	5 / 1	0 / 0	30
October	57 / 15	1826 / 9	29 / 5	0 / 0	30
November	72 / 18	3107 / 18	50 / 10	0 / 0	30
December	103 / 19	3686 / 15	46 / 8	0 / 0	27
Year	892 / 184	10907 / 66	637 / 113	2507 / 10	359

¹ Number of observations; ² Number of files/passes

4.51.3 Daily number of Predictions (CPF) in 2012

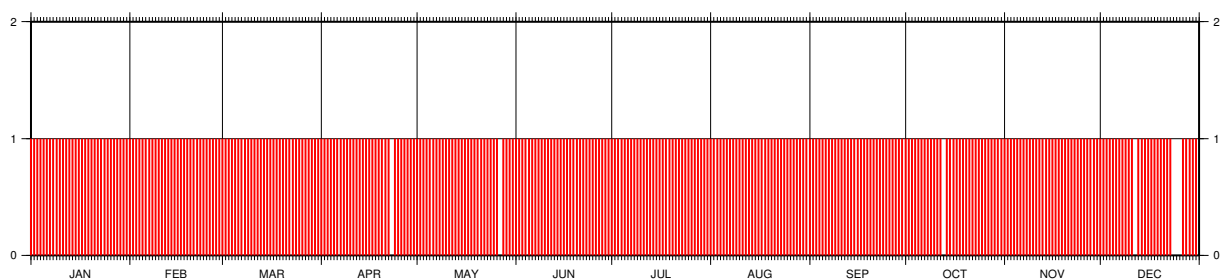


Figure 4.238: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.51.4 Daily number of Normal Points (CRD) in 2012

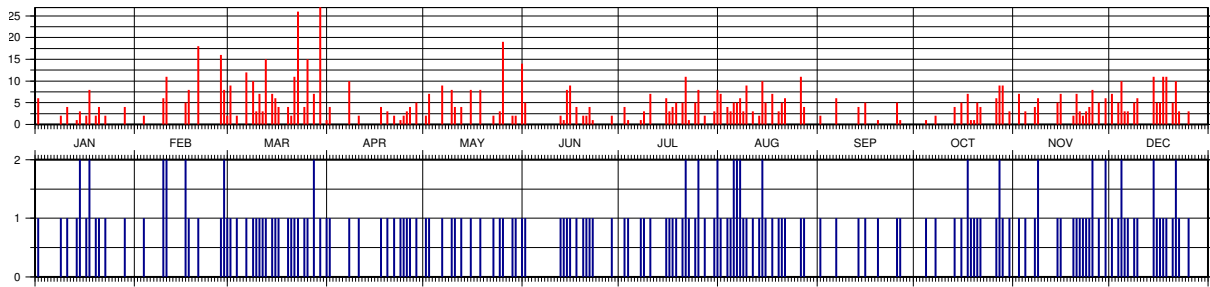


Figure 4.239: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.51.5 Daily number of Full-Rate data (CRD) in 2012

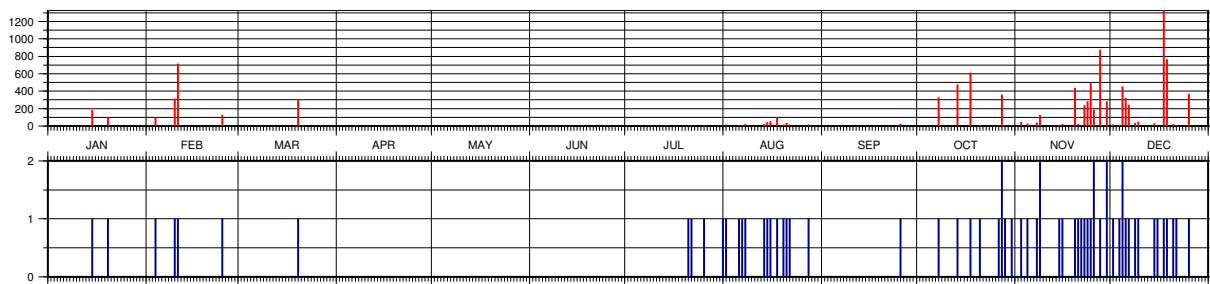


Figure 4.240: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.51.6 Daily number of Normal Points (CSTG) in 2012

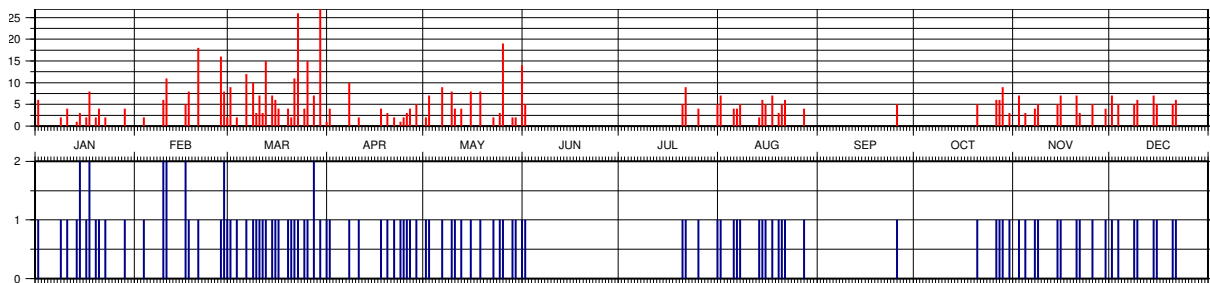


Figure 4.241: Daily number of Normal Points (CSTG) in 2012

4.51.7 Daily number of Full-Rate data (MERIT-II) in 2012

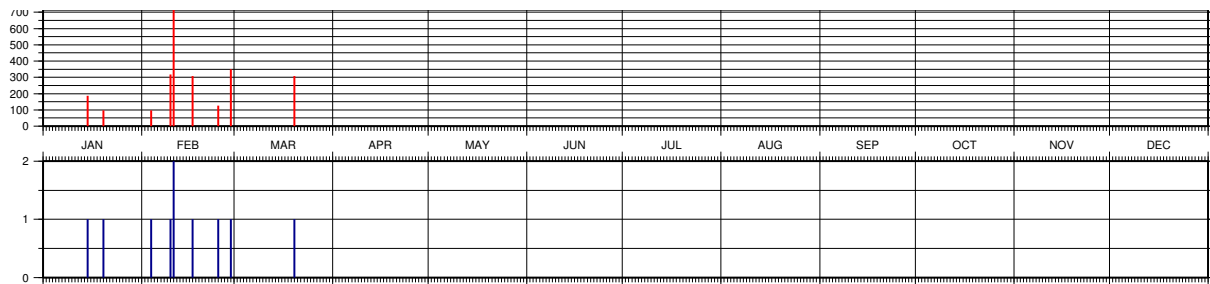


Figure 4.242: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.51.8 Stations tracked GPS-35 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Changchun, China (72371901)	109 ¹ / 28 ²	9973 / 25	37 / 10	2507 / 10
San Juan, Argentina (74068801)	236 / 45	934 / 41	231 / 44	0 / 0
Yarragadee, Australia (70900513)	16 / 4	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	531 / 107	0 / 0	369 / 59	0 / 0

¹ Number of observations; ² Number of files/passes

4.52 GPS-36 (9401601)

4.52.1 Common Information

Official name:	gps36
COSPAR ID:	9401601
SIC Code:	3636
NORAD ID:	23027
Launch Date:	1994-03-10

4.52.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	167 ¹ / 36 ²	377 / 1	204 / 48	377 / 1	62 ²
February	138 / 27	2078 / 9	188 / 40	1024 / 3	57
March	139 / 38	7314 / 25	199 / 57	4262 / 11	37
April	139 / 34	9836 / 32	148 / 38	5296 / 10	59
May	315 / 66	39038 / 55	309 / 67	8780 / 11	60
June	322 / 76	34163 / 58	157 / 31	174 / 2	60
July	198 / 61	17045 / 30	35 / 11	0 / 0	61
August	217 / 64	17211 / 30	19 / 5	266 / 2	62
September	173 / 42	235 / 6	22 / 4	0 / 0	60
October	264 / 58	2888 / 20	50 / 10	40 / 1	61
November	204 / 40	13807 / 25	64 / 12	0 / 0	60
December	206 / 42	9906 / 28	83 / 14	0 / 0	59
Year	2482 / 584	153898 / 319	1478 / 337	20219 / 41	698

¹ Number of observations; ² Number of files/passes

4.52.3 Daily number of Predictions (CPF) in 2012

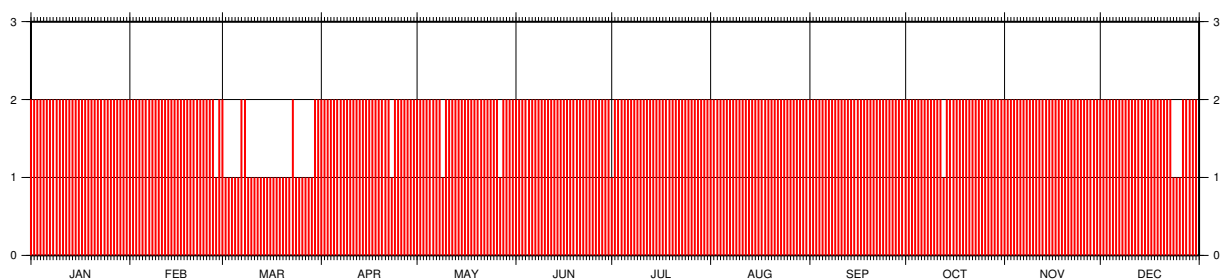


Figure 4.243: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.52.4 Daily number of Normal Points (CRD) in 2012

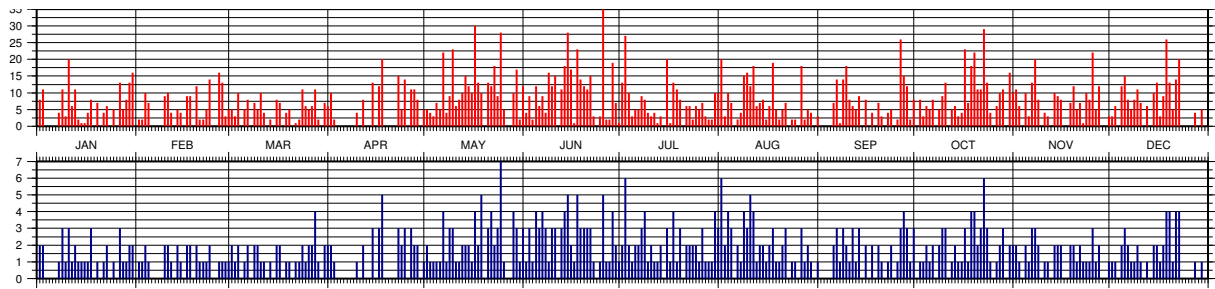


Figure 4.244: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.52.5 Daily number of Full-Rate data (CRD) in 2012

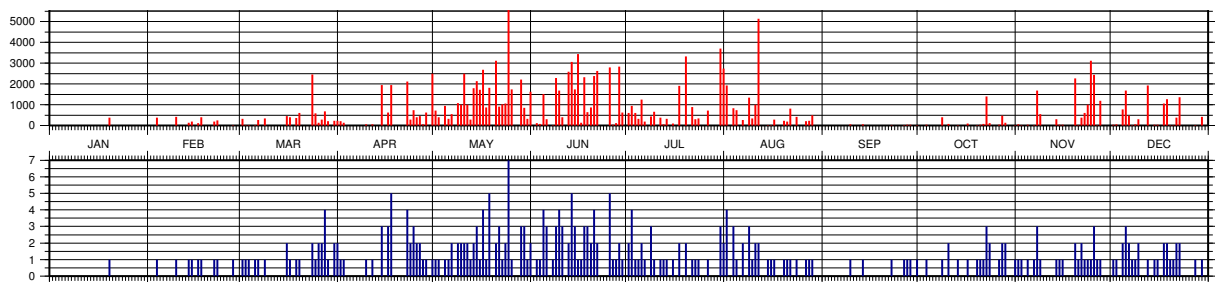


Figure 4.245: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.52.6 Daily number of Normal Points (CSTG) in 2012

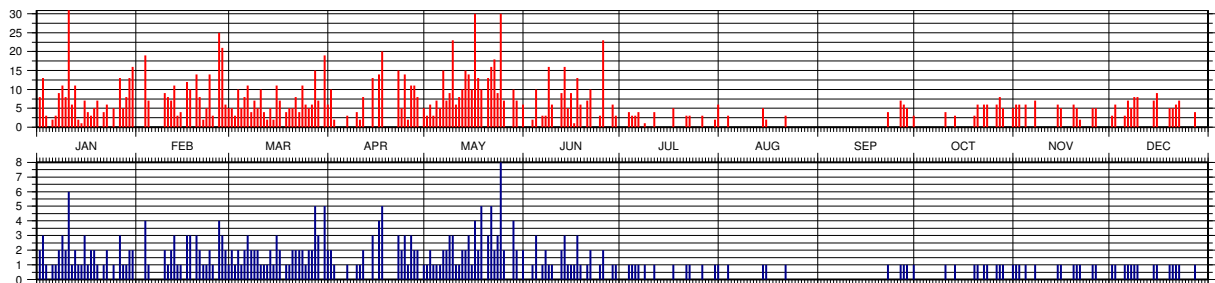


Figure 4.246: Daily number of Normal Points (CSTG) in 2012

4.52.7 Daily number of Full-Rate data (MERIT-II) in 2012

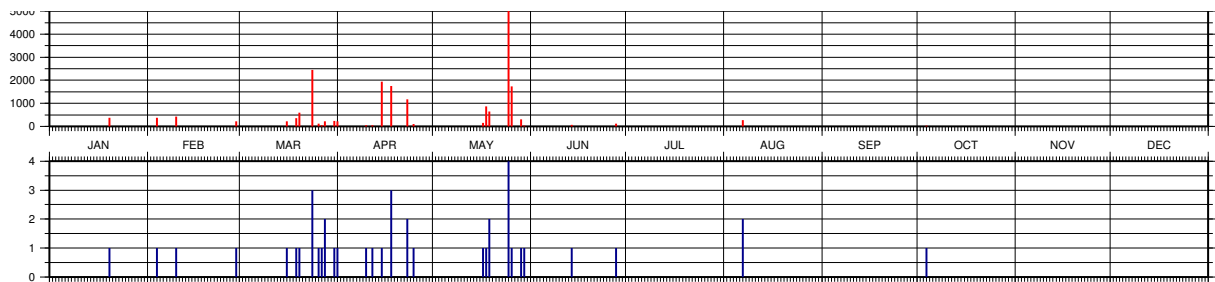


Figure 4.247: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.52.8 Stations tracked GPS-36 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	12 ¹ / 5 ²	0 / 0	0 / 0	0 / 0
Arkhyz, Russia (18869601)	2 / 1	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	154 / 30	23704 / 27	48 / 9	3057 / 8
Grasse, France (LLR) (78457801)	183 / 58	23575 / 59	123 / 38	0 / 0
Graz, Austria (78393402)	160 / 41	0 / 0	77 / 20	0 / 0
Greenbelt, Maryland (71050725)	4 / 2	0 / 0	60 / 17	0 / 0
Hartebeesthoek, South Africa (75010602)	36 / 10	0 / 0	0 / 0	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	161 / 3	37 / 14	0 / 0
Katzively, Ukraine (18931801)	57 / 7	321 / 7	15 / 2	0 / 0
Koganei, Japan(CRL) (73085001)	83 / 12	0 / 0	72 / 11	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	9 / 3	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	335 / 100	41923 / 99	131 / 38	17162 / 33
McDonald Observatory, Texas (70802419)	2 / 1	0 / 0	2 / 1	0 / 0
Monument Peak, California (71100412)	40 / 14	0 / 0	6 / 2	0 / 0
Mt Stromlo, Australia (78259001)	66 / 13	0 / 0	66 / 13	0 / 0
San Juan, Argentina (74068801)	350 / 64	1357 / 47	351 / 64	0 / 0
Simosato, Japan (78383603)	13 / 2	0 / 0	6 / 1	0 / 0
Wetzell, Germany (WLRS) (88341001)	474 / 92	62857 / 77	303 / 59	0 / 0
Yarragadee, Australia (70900513)	144 / 44	0 / 0	67 / 23	0 / 0
Zimmerwald, Switzerland (78106801)	358 / 85	0 / 0	114 / 25	0 / 0

¹ Number of observations; ² Number of files/passes

4.53 Grace-A (0201201)

4.53.1 Common Information

Official name:	gracea
COSPAR ID:	0201201
SIC Code:	8003
NORAD ID:	27391
Launch Date:	2002-03-17

4.53.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	1920 ¹ / 124 ²	140128 / 44	3724 / 300	98870 / 26	90 ²
February	1885 / 129	288711 / 58	3455 / 274	257515 / 50	71
March	2121 / 137	133796 / 53	3922 / 317	145323 / 19	79
April	1519 / 98	41452 / 45	3085 / 239	31565 / 18	76
May	4826 / 380	165001 / 85	3721 / 288	97159 / 27	79
June	4278 / 308	56789 / 80	1282 / 81	24647 / 5	77
July	3254 / 272	35634 / 49	846 / 60	26072 / 4	81
August	4219 / 309	157168 / 57	913 / 57	2079 / 1	80
September	3175 / 257	120361 / 31	487 / 33	0 / 0	80
October	3661 / 317	263549 / 57	431 / 38	775 / 2	79
November	2434 / 216	180441 / 40	179 / 16	0 / 0	77
December	2576 / 211	337655 / 58	282 / 22	0 / 0	79
Year	35868 / 2758	1920685 / 657	22327 / 1725	684005 / 152	948

¹ Number of observations; ² Number of files/passes

4.53.3 Daily number of Predictions (CPF) in 2012

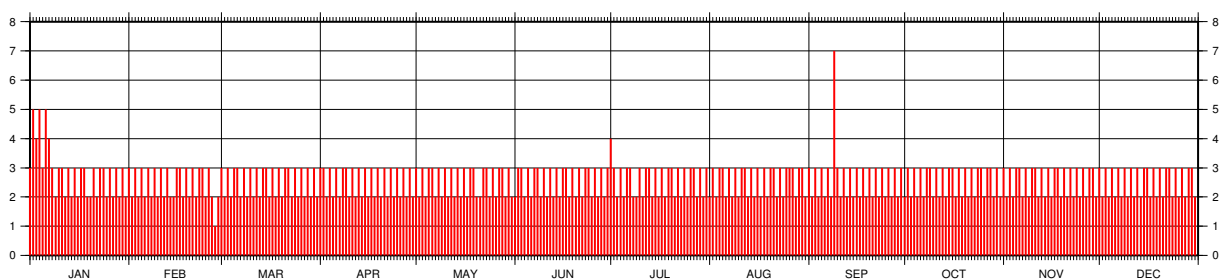


Figure 4.248: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.53.4 Daily number of Normal Points (CRD) in 2012

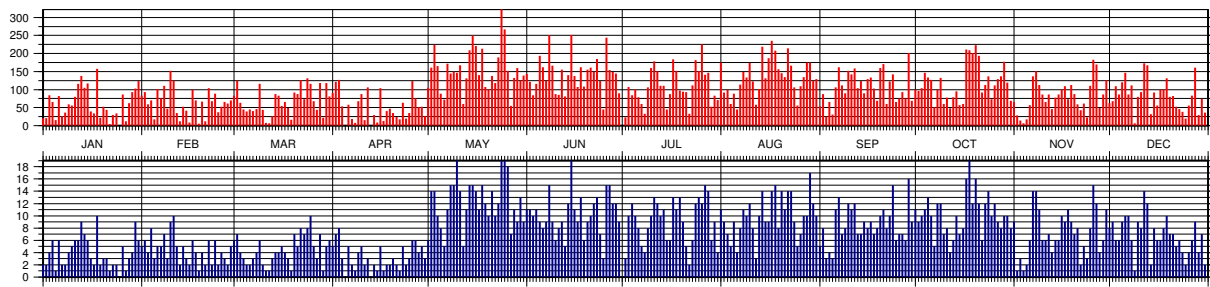


Figure 4.249: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.53.5 Daily number of Full-Rate data (CRD) in 2012

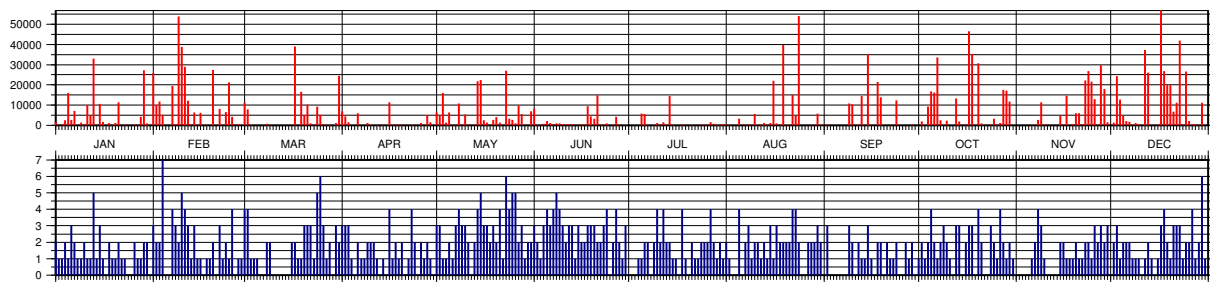


Figure 4.250: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.53.6 Daily number of Normal Points (CSTG) in 2012

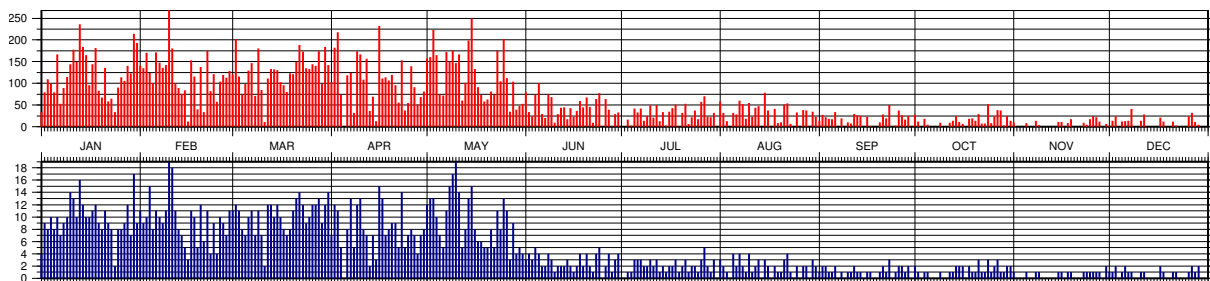


Figure 4.251: Daily number of Normal Points (CSTG) in 2012

4.53.7 Daily number of Full-Rate data (MERIT-II) in 2012

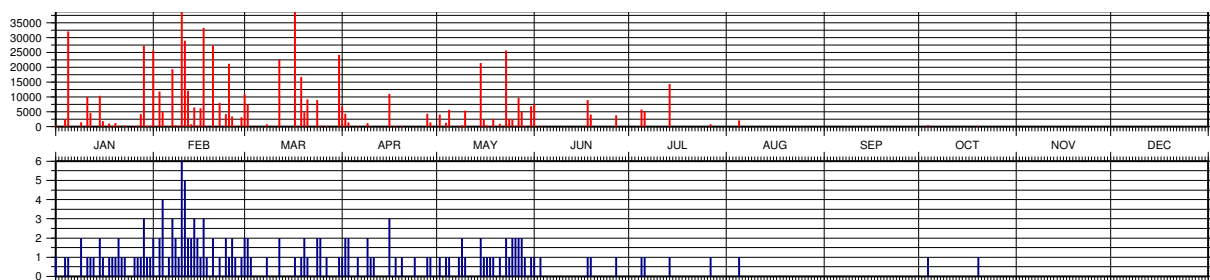


Figure 4.252: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.53.8 Stations tracked Grace-A in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	243 ¹ / 12 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	1193 / 79	0 / 0	204 / 17	0 / 0
Arkhyz, Russia (18869601)	17 / 1	0 / 0	17 / 1	0 / 0
Badary, Russia (18900901)	191 / 6	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	496 / 37	0 / 0	194 / 13	0 / 0
Changchun, China (72371901)	2570 / 209	1805519 / 204	1427 / 113	668996 / 91
Concepcion, Chile (74057904)	395 / 39	14353 / 38	213 / 19	7250 / 16
Golosiv, Ukraine (18248101)	188 / 26	1034 / 26	167 / 24	0 / 0
Grasse, France (LLR) (78457801)	213 / 6	3346 / 6	89 / 2	0 / 0
Graz, Austria (78393402)	1781 / 127	0 / 0	903 / 68	0 / 0
Greenbelt, Maryland (71050725)	2113 / 114	0 / 0	1861 / 86	0 / 0
Haleakala, Hawaii (71191402)	488 / 26	0 / 0	259 / 14	0 / 0
Hartebeesthoek, South Africa (75010602)	1147 / 71	0 / 0	496 / 30	0 / 0
Herstmonceux, United Kingdom (78403501)	9 / 1	26734 / 7	664 / 53	0 / 0
Katzively, Ukraine (18931801)	582 / 32	2823 / 32	214 / 11	0 / 0
Koganei, Japan(CRL) (73085001)	111 / 7	0 / 0	105 / 6	0 / 0
Kunming, China (78208201)	31 / 3	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	811 / 67	14588 / 65	310 / 25	5520 / 25
McDonald Observatory, Texas (70802419)	17 / 2	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	1317 / 117	0 / 0	669 / 56	0 / 0
Mt Stromlo, Australia (78259001)	3472 / 240	733 / 5	3472 / 240	0 / 0
Potsdam, Germany (78418701)	2319 / 118	0 / 0	795 / 43	0 / 0
Riga, Latvia (18844401)	408 / 33	0 / 0	409 / 34	0 / 0
San Fernando, Spain (78244502)	770 / 55	12773 / 54	306 / 29	2239 / 20
San Juan, Argentina (74068801)	2500 / 138	10680 / 126	2593 / 141	0 / 0
Shanghai, China (78212801)	502 / 39	0 / 0	228 / 17	0 / 0
Simeiz, Ukraine (18734901)	78 / 6	258 / 6	47 / 4	0 / 0
Simosato, Japan (78383603)	434 / 16	0 / 0	173 / 5	0 / 0
Svetloe, Russia (18889801)	121 / 12	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	247 / 10	0 / 0	86 / 4	0 / 0
Wettzell, Germany (WLRS) (88341001)	1358 / 127	27679 / 87	922 / 87	0 / 0
Yarragadee, Australia (70900513)	5614 / 759	0 / 0	3443 / 472	0 / 0
Zimmerwald, Switzerland (78106801)	4066 / 219	0 / 0	1995 / 107	0 / 0

¹ Number of observations; ² Number of files/passes

4.54 Grace-B (0201202)

4.54.1 Common Information

Official name:	graceb
COSPAR ID:	0201202
SIC Code:	8004
NORAD ID:	27392
Launch Date:	2002-03-17

4.54.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	1738 ¹ / 113 ²	109383 / 36	3539 / 302	84341 / 21	84 ²
February	1905 / 136	248947 / 64	3293 / 293	243303 / 46	66
March	1880 / 141	59349 / 57	3695 / 321	48581 / 24	72
April	1351 / 100	43395 / 41	2852 / 232	32338 / 9	70
May	4858 / 389	86325 / 100	3974 / 307	42687 / 24	73
June	4377 / 321	52539 / 94	1356 / 84	23530 / 5	72
July	3325 / 270	20574 / 50	1044 / 69	10172 / 6	76
August	4178 / 315	77803 / 66	952 / 57	4918 / 2	78
September	3178 / 261	83808 / 35	476 / 29	0 / 0	72
October	3224 / 290	175787 / 44	620 / 39	0 / 0	75
November	2284 / 217	122181 / 37	208 / 20	0 / 0	73
December	2601 / 229	266170 / 59	317 / 24	0 / 0	74
Year	34899 / 2782	1346261 / 683	22326 / 1777	489870 / 137	885

¹ Number of observations; ² Number of files/passes

4.54.3 Daily number of Predictions (CPF) in 2012

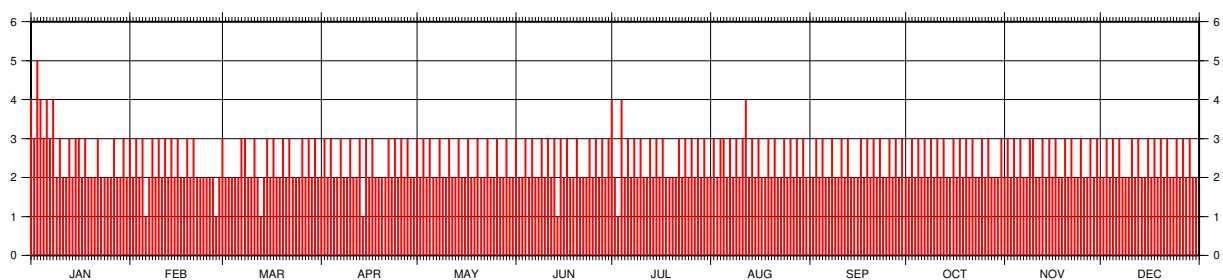


Figure 4.253: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.54.4 Daily number of Normal Points (CRD) in 2012

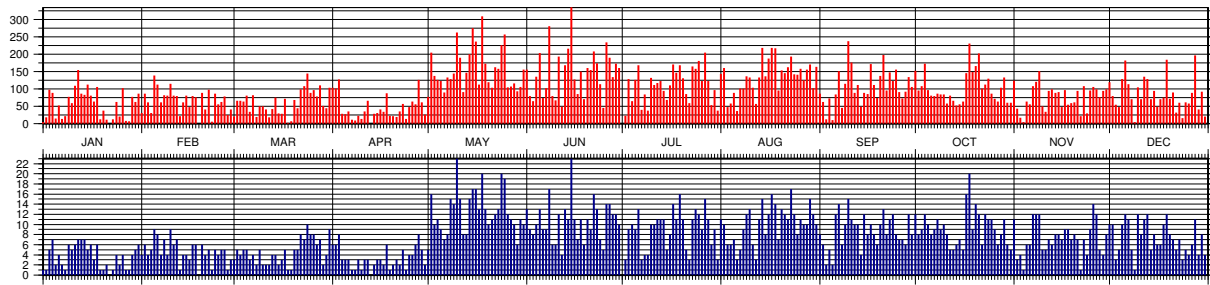


Figure 4.254: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.54.5 Daily number of Full-Rate data (CRD) in 2012

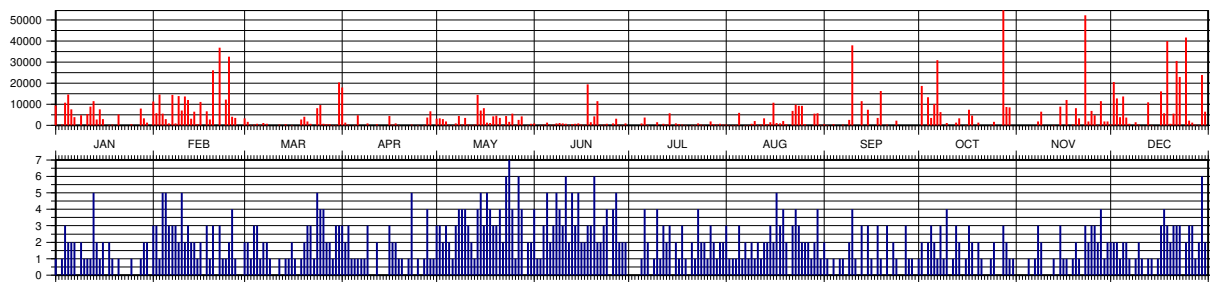


Figure 4.255: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.54.6 Daily number of Normal Points (CSTG) in 2012

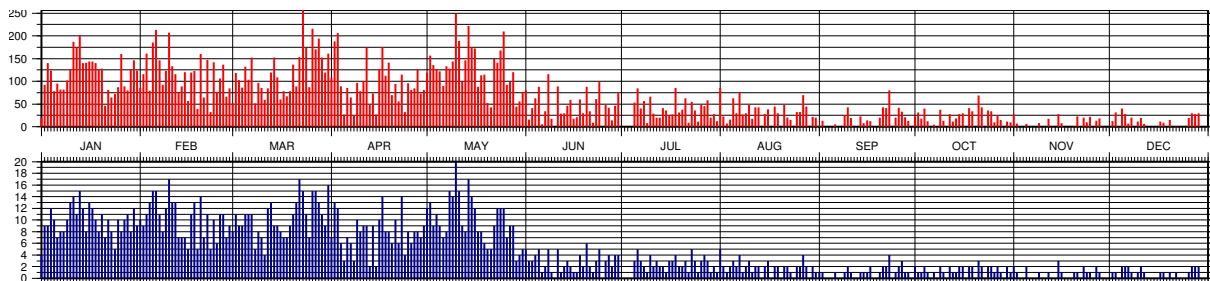


Figure 4.256: Daily number of Normal Points (CSTG) in 2012

4.54.7 Daily number of Full-Rate data (MERIT-II) in 2012

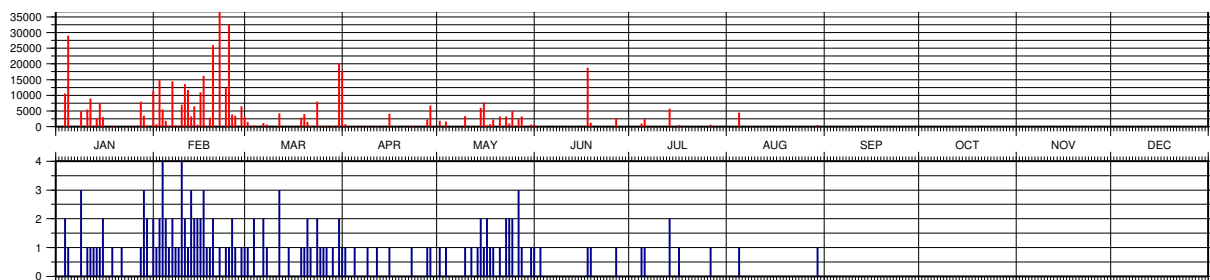


Figure 4.257: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.54.8 Stations tracked Grace-B in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	89 ¹ / 4 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	694 / 57	0 / 0	224 / 16	0 / 0
Arkhyz, Russia (18869601)	12 / 2	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	181 / 9	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	446 / 37	0 / 0	200 / 13	0 / 0
Changchun, China (72371901)	2037 / 219	1238248 / 216	1095 / 118	478658 / 96
Concepcion, Chile (74057904)	466 / 47	17238 / 46	256 / 24	6627 / 16
Golosiv, Ukraine (18248101)	214 / 31	916 / 31	223 / 32	0 / 0
Grasse, France (LLR) (78457801)	115 / 5	1141 / 5	17 / 1	0 / 0
Graz, Austria (78393402)	1821 / 148	0 / 0	936 / 76	0 / 0
Greenbelt, Maryland (71050725)	2356 / 122	0 / 0	1636 / 91	0 / 0
Haleakala, Hawaii (71191402)	793 / 45	0 / 0	402 / 20	0 / 0
Hartebeesthoek, South Africa (75010602)	1071 / 59	0 / 0	436 / 23	0 / 0
Herstmonceux, United Kingdom (78403501)	14 / 1	15882 / 10	822 / 62	0 / 0
Katzively, Ukraine (18931801)	581 / 34	3190 / 34	170 / 11	0 / 0
Koganei, Japan(CRL) (73085001)	42 / 4	0 / 0	34 / 3	0 / 0
Kunming, China (78208201)	46 / 2	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	622 / 48	12105 / 48	161 / 11	3528 / 12
McDonald Observatory, Texas (70802419)	11 / 2	0 / 0	0 / 0	0 / 0
Monument Peak, California (71100412)	1339 / 116	0 / 0	551 / 52	0 / 0
Mt Stromlo, Australia (78259001)	3814 / 229	511 / 3	3814 / 229	0 / 0
Potsdam, Germany (78418701)	2134 / 117	0 / 0	887 / 49	0 / 0
Riga, Latvia (18844401)	559 / 42	0 / 0	555 / 42	0 / 0
San Fernando, Spain (78244502)	506 / 43	8407 / 42	160 / 19	1057 / 13
San Juan, Argentina (74068801)	2324 / 132	8478 / 120	2356 / 134	0 / 0
Shanghai, China (78212801)	323 / 40	0 / 0	136 / 16	0 / 0
Simeiz, Ukraine (18734901)	263 / 12	892 / 12	248 / 11	0 / 0
Simosato, Japan (78383603)	498 / 20	0 / 0	172 / 6	0 / 0
Svetloe, Russia (18889801)	136 / 14	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	104 / 5	0 / 0	170 / 8	0 / 0
Wettzell, Germany (WLRS) (88341001)	1873 / 169	39005 / 115	1309 / 115	0 / 0
Yarragadee, Australia (70900513)	5294 / 741	0 / 0	3270 / 480	0 / 0
Zelenchukskya, Russia (18899901)	40 / 3	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	4026 / 219	0 / 0	2031 / 111	0 / 0

¹ Number of observations; ² Number of files/passes

4.55 HY-2A (1104301)

4.55.1 Common Information

Official name:	hy2a
COSPAR ID:	1104301
SIC Code:	2201
NORAD ID:	37781
Launch Date:	2011-08-16

4.55.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	1672 ¹ / 200 ²	684962 / 100	3349 / 369	565878 / 87	31 ²
February	1435 / 182	626818 / 78	2724 / 320	585931 / 60	28
March	2257 / 260	172822 / 126	4221 / 452	189923 / 56	31
April	1063 / 127	43965 / 71	2773 / 295	24334 / 19	27
May	4006 / 408	76651 / 104	3004 / 316	8283 / 9	31
June	2922 / 320	43920 / 104	951 / 108	1097 / 3	28
July	4285 / 443	64344 / 121	1316 / 143	12949 / 3	31
August	3679 / 396	122757 / 107	907 / 90	3546 / 4	32
September	3518 / 367	39526 / 63	619 / 62	0 / 0	30
October	3846 / 416	168589 / 98	549 / 57	2979 / 4	33
November	2890 / 319	329812 / 88	234 / 29	0 / 0	29
December	2383 / 265	665730 / 95	166 / 21	0 / 0	31
Year	33956 / 3703	3039896 / 1155	20813 / 2262	1394920 / 245	362

¹ Number of observations; ² Number of files/passes

4.55.3 Daily number of Predictions (CPF) in 2012

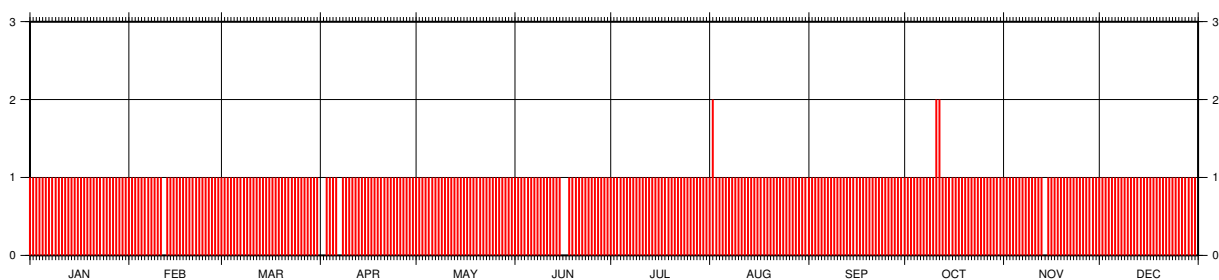


Figure 4.258: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.55.4 Daily number of Normal Points (CRD) in 2012

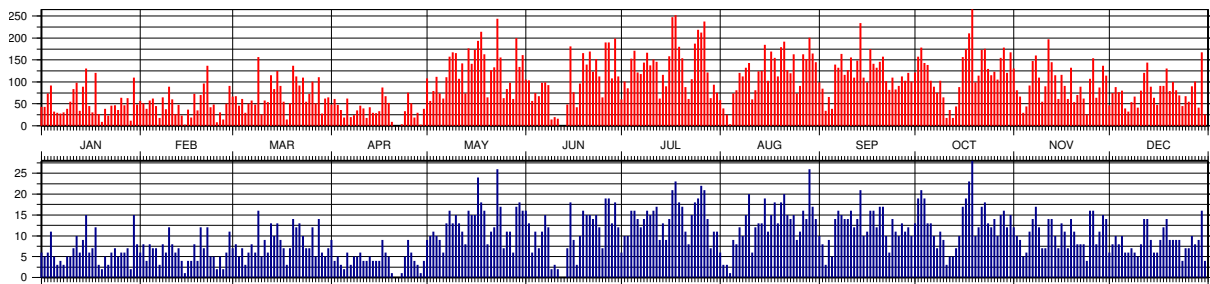


Figure 4.259: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.55.5 Daily number of Full-Rate data (CRD) in 2012

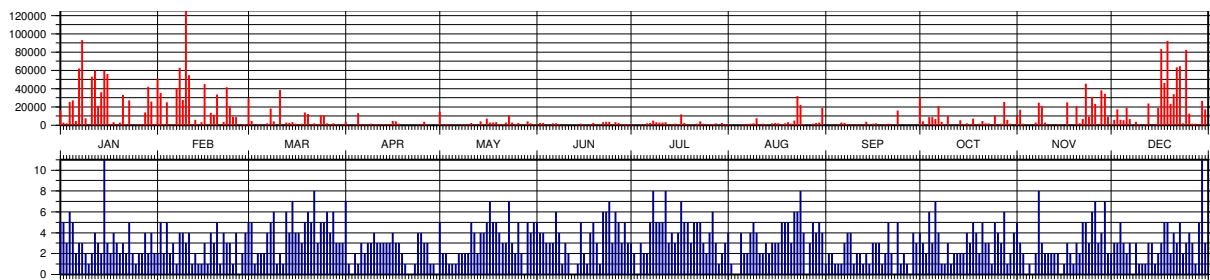


Figure 4.260: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.55.6 Daily number of Normal Points (CSTG) in 2012

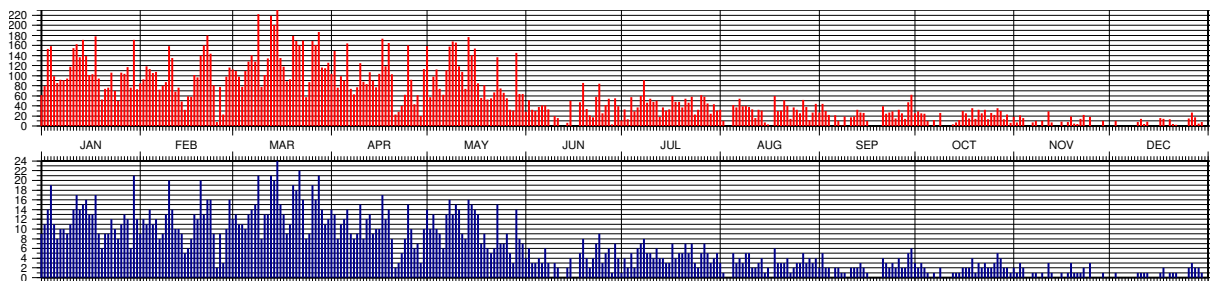


Figure 4.261: Daily number of Normal Points (CSTG) in 2012

4.55.7 Daily number of Full-Rate data (MERIT-II) in 2012

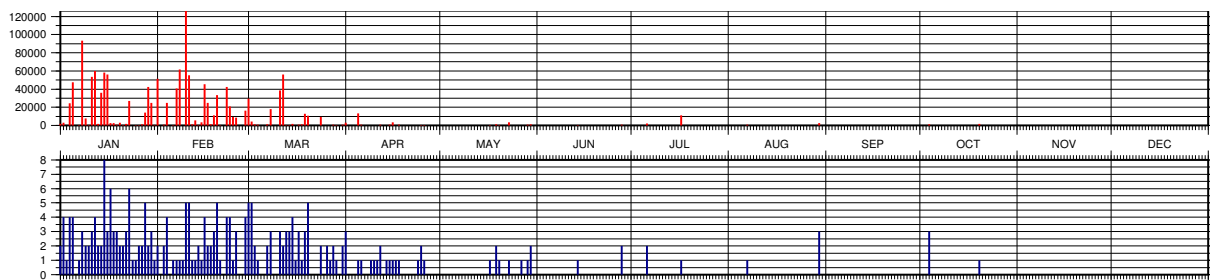


Figure 4.262: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.55.8 Stations tracked HY-2A in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	40 ¹ / 4 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	1507 / 187	0 / 0	214 / 26	0 / 0
Arkhyz, Russia (18869601)	12 / 4	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	113 / 11	0 / 0	10 / 1	0 / 0
Baikonur, Kazakhstan (18879701)	16 / 2	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	208 / 33	0 / 0	45 / 10	0 / 0
Changchun, China (72371901)	1335 / 232	2606101 / 228	784 / 120	1330601 / 94
Golosiv, Ukraine (18248101)	87 / 13	1011 / 13	40 / 6	0 / 0
Grasse, France (LLR) (78457801)	349 / 33	13923 / 33	222 / 22	0 / 0
Graz, Austria (78393402)	1536 / 148	0 / 0	775 / 71	0 / 0
Greenbelt, Maryland (71050725)	1883 / 179	0 / 0	1505 / 136	0 / 0
Haleakala, Hawaii (71191402)	847 / 85	0 / 0	409 / 44	0 / 0
Hartebeesthoek, South Africa (75010602)	658 / 80	0 / 0	222 / 23	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	21191 / 11	634 / 81	0 / 0
Katzively, Ukraine (18931801)	347 / 48	3922 / 48	142 / 19	742 / 9
Koganei, Japan(CRL) (73085001)	191 / 25	0 / 0	88 / 10	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	3 / 1	0 / 0	0 / 0	0 / 0
Kunming, China (78208201)	49 / 5	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	2221 / 290	185157 / 288	673 / 91	52962 / 100
McDonald Observatory, Texas (70802419)	103 / 30	0 / 0	58 / 14	0 / 0
Monument Peak, California (71100412)	1665 / 142	0 / 0	802 / 78	0 / 0
Mt Stromlo, Australia (78259001)	3832 / 408	1356 / 4	3832 / 408	0 / 0
Potsdam, Germany (78418701)	1291 / 134	0 / 0	657 / 69	0 / 0
Riga, Latvia (18844401)	269 / 27	0 / 0	158 / 15	0 / 0
San Fernando, Spain (78244502)	561 / 59	29994 / 59	381 / 45	10615 / 42
San Juan, Argentina (74068801)	2559 / 272	44720 / 261	2687 / 285	0 / 0
Shanghai, China (78212801)	113 / 21	0 / 0	36 / 5	0 / 0
Simeiz, Ukraine (18734901)	363 / 14	962 / 14	0 / 0	0 / 0
Simosato, Japan (78383603)	398 / 34	0 / 0	0 / 0	0 / 0
Svetloe, Russia (18889801)	11 / 3	0 / 0	0 / 0	0 / 0
Wettzell, Germany (WLRS) (88341001)	2217 / 312	131559 / 196	1416 / 198	0 / 0
Yarragadee, Australia (70900513)	5740 / 543	0 / 0	3407 / 330	0 / 0
Zelenchukskya, Russia (18899901)	39 / 4	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	3369 / 318	0 / 0	1592 / 153	0 / 0

¹ Number of observations; ² Number of files/passes

4.56 Jason-1 (0105501)

4.56.1 Common Information

Official name:	jason1
COSPAR ID:	0105501
SIC Code:	4378
NORAD ID:	26997
Launch Date:	2001-12-07

4.56.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	7307 ¹ / 363 ²	396230 / 109	14033 / 642	232495 / 76	94 ²
February	2684 / 176	178387 / 89	5962 / 312	121300 / 55	72
March	2645 / 198	65648 / 107	4662 / 283	50577 / 50	38
April	2398 / 156	56155 / 86	3770 / 224	41244 / 31	58
May	11514 / 585	141810 / 152	8514 / 466	97185 / 54	66
June	10997 / 573	152851 / 199	2986 / 170	68117 / 12	92
July	18144 / 858	588707 / 328	3255 / 202	317711 / 32	78
August	18703 / 938	742246 / 343	2860 / 157	66458 / 13	94
September	13945 / 656	277549 / 168	1501 / 79	0 / 0	94
October	13453 / 668	591898 / 154	1695 / 89	869 / 2	94
November	8593 / 476	867274 / 153	718 / 44	0 / 0	91
December	8876 / 439	888364 / 176	771 / 52	0 / 0	93
Year	119259 / 6086	4947119 / 2064	50727 / 2720	995956 / 325	964

¹ Number of observations; ² Number of files/passes

4.56.3 Daily number of Predictions (CPF) in 2012

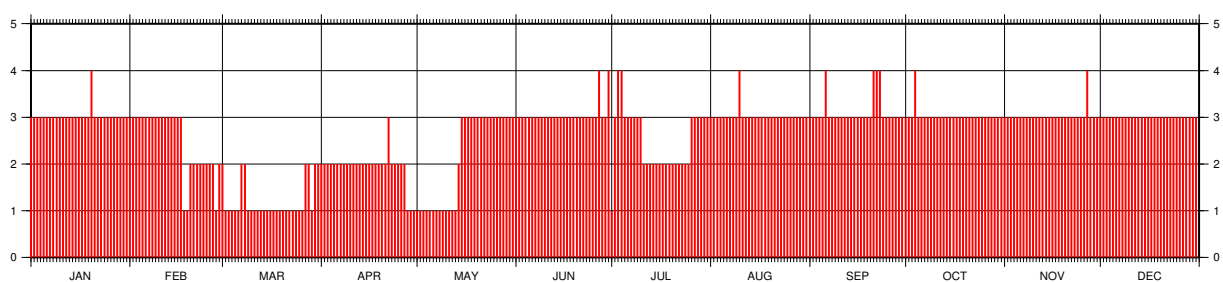


Figure 4.263: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.56.4 Daily number of Normal Points (CRD) in 2012

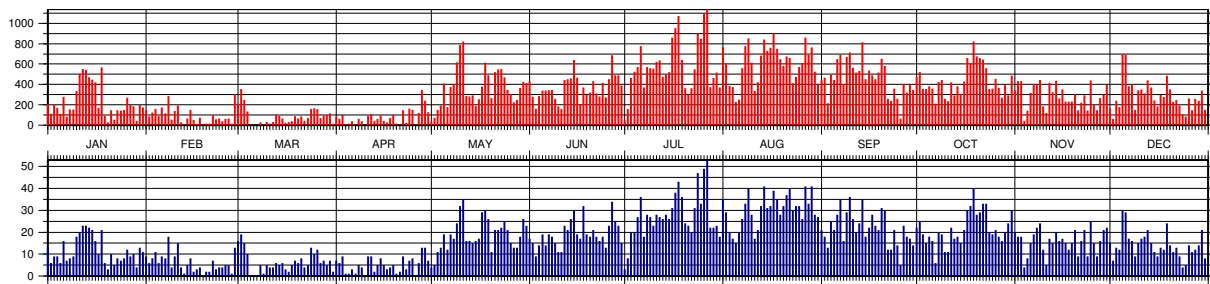


Figure 4.264: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.56.5 Daily number of Full-Rate data (CRD) in 2012

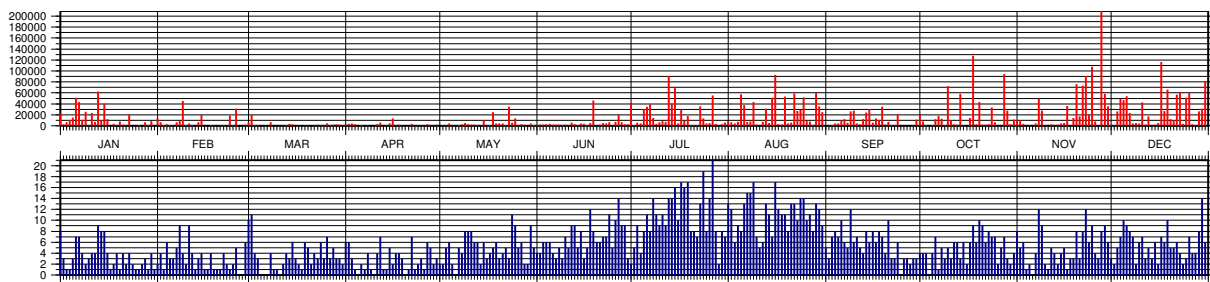


Figure 4.265: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.56.6 Daily number of Normal Points (CSTG) in 2012

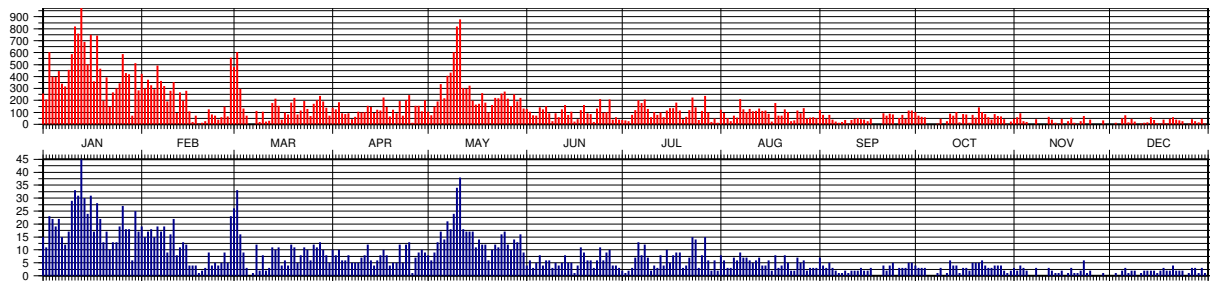


Figure 4.266: Daily number of Normal Points (CSTG) in 2012

4.56.7 Daily number of Full-Rate data (MERIT-II) in 2012

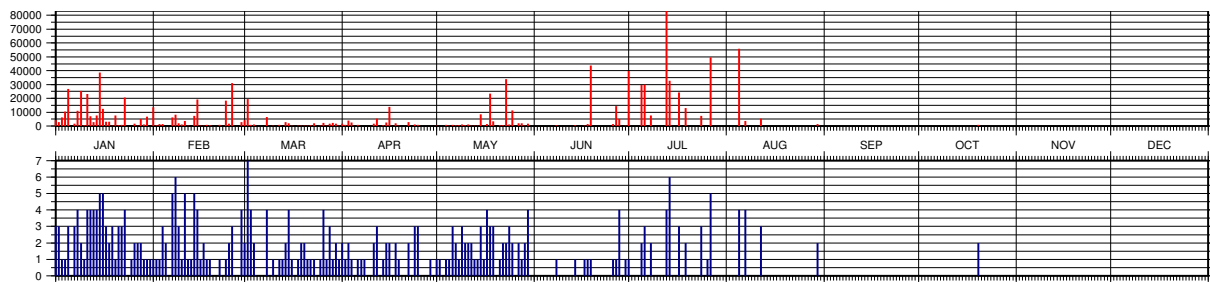


Figure 4.267: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.56.8 Stations tracked Jason-1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	165 ¹ / 8 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	3933 / 245	0 / 0	605 / 37	0 / 0
Arkhyz, Russia (18869601)	293 / 30	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	2190 / 108	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	1230 / 87	0 / 0	471 / 32	0 / 0
Changchun, China (72371901)	4450 / 407	4164683 / 406	1610 / 145	872950 / 113
Concepcion, Chile (74057904)	1386 / 114	83206 / 112	711 / 63	28067 / 45
Golosiv, Ukraine (18248101)	447 / 61	2298 / 61	393 / 50	0 / 0
Grasse, France (LLR) (78457801)	4280 / 153	126456 / 153	962 / 48	0 / 0
Graz, Austria (78393402)	7126 / 310	0 / 0	2066 / 95	0 / 0
Greenbelt, Maryland (71050725)	6418 / 269	0 / 0	3343 / 140	0 / 0
Haleakala, Hawaii (71191402)	4023 / 151	0 / 0	1487 / 62	0 / 0
Hartebeesthoek, South Africa (75010602)	4249 / 207	0 / 0	889 / 42	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	1080 / 3	2262 / 109	0 / 0
Katzively, Ukraine (18931801)	3555 / 201	32342 / 201	578 / 39	488 / 5
Koganei, Japan(CRL) (73085001)	396 / 26	0 / 0	87 / 6	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	19 / 3	0 / 0	0 / 0	0 / 0
Kunming, China (78208201)	36 / 3	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	7222 / 389	333110 / 387	1816 / 109	83286 / 118
McDonald Observatory, Texas (70802419)	930 / 77	0 / 0	314 / 22	0 / 0
Monument Peak, California (71100412)	4335 / 176	0 / 0	1991 / 68	0 / 0
Mt Stromlo, Australia (78259001)	7037 / 390	112 / 1	7037 / 390	0 / 0
Potsdam, Germany (78418701)	6431 / 273	0 / 0	1499 / 69	0 / 0
Riga, Latvia (18844401)	611 / 32	0 / 0	147 / 9	0 / 0
San Fernando, Spain (78244502)	2323 / 149	46841 / 147	692 / 51	11165 / 44
San Juan, Argentina (74068801)	6122 / 317	46848 / 270	6255 / 327	0 / 0
Shanghai, China (78212801)	531 / 53	0 / 0	202 / 14	0 / 0
Simeiz, Ukraine (18734901)	2049 / 121	12452 / 120	1738 / 102	0 / 0
Simosato, Japan (78383603)	2058 / 82	0 / 0	750 / 29	0 / 0
Svetloe, Russia (18889801)	286 / 30	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	977 / 40	0 / 0	470 / 18	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	23 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	3619 / 304	97205 / 202	2276 / 206	0 / 0
Yarragadee, Australia (70900513)	16713 / 691	0 / 0	5800 / 249	0 / 0
Zelenchukskya, Russia (18899901)	506 / 26	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	13112 / 546	0 / 0	4052 / 179	0 / 0

¹ Number of observations; ² Number of files/passes

4.57 Jason-2 (0803201)

4.57.1 Common Information

Official name:	jason2
COSPAR ID:	0803201
SIC Code:	1025
NORAD ID:	33105
Launch Date:	2008-06-20

4.57.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	7990 ¹ / 395 ²	651847 / 151	15541 / 700	428364 / 84	94 ²
February	7679 / 365	938213 / 208	13139 / 591	471173 / 103	86
March	15657 / 706	1110976 / 369	23043 / 979	325175 / 156	68
April	12299 / 597	965588 / 343	16996 / 778	328846 / 133	91
May	17443 / 807	1147067 / 577	14001 / 669	259535 / 86	92
June	15565 / 695	918953 / 539	5433 / 238	55722 / 25	92
July	20148 / 948	1299297 / 704	3602 / 229	364007 / 74	93
August	23047 / 1047	1731308 / 744	2970 / 161	180581 / 72	94
September	16433 / 764	1247082 / 625	1894 / 93	5455 / 26	94
October	15118 / 729	1014913 / 528	1876 / 102	7980 / 22	94
November	11292 / 551	1821806 / 455	867 / 44	0 / 0	91
December	12569 / 513	2111282 / 501	801 / 51	0 / 0	95
Year	175240 / 8117	14958332 / 5744	100163 / 4635	2426838 / 781	1084

¹ Number of observations; ² Number of files/passes

4.57.3 Daily number of Predictions (CPF) in 2012

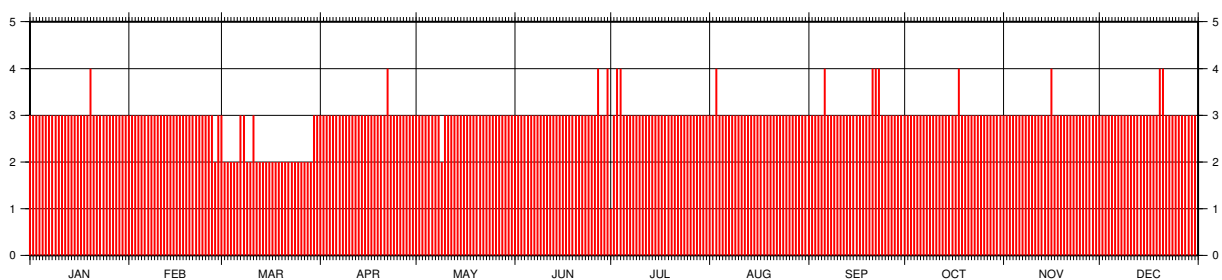


Figure 4.268: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.57.4 Daily number of Normal Points (CRD) in 2012

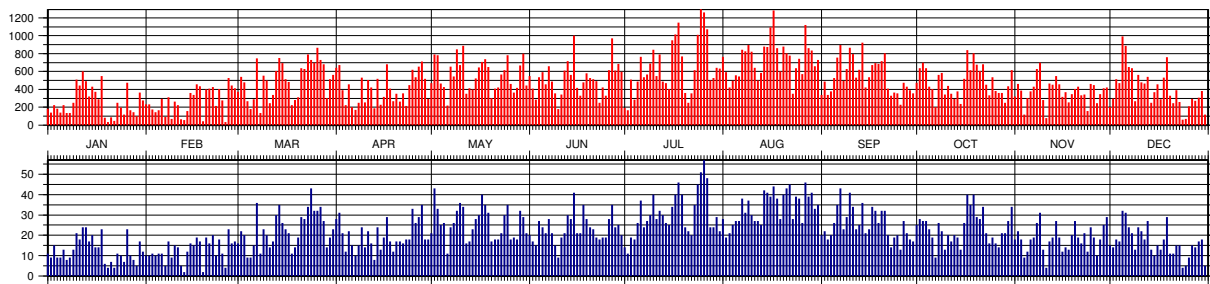


Figure 4.269: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.57.5 Daily number of Full-Rate data (CRD) in 2012

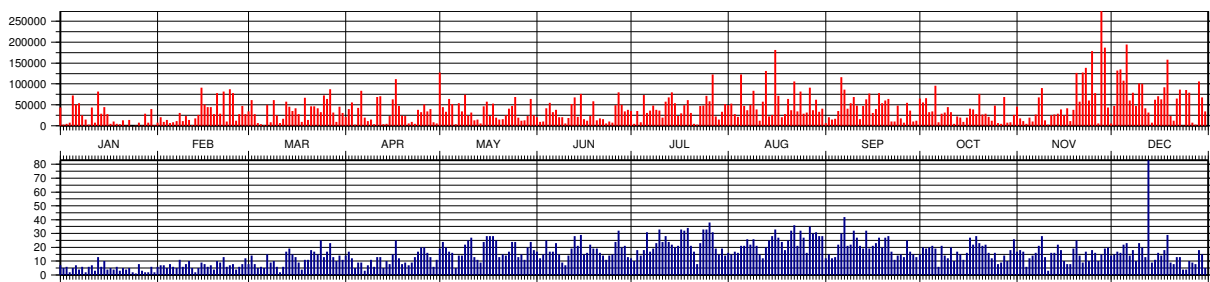


Figure 4.270: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.57.6 Daily number of Normal Points (CSTG) in 2012

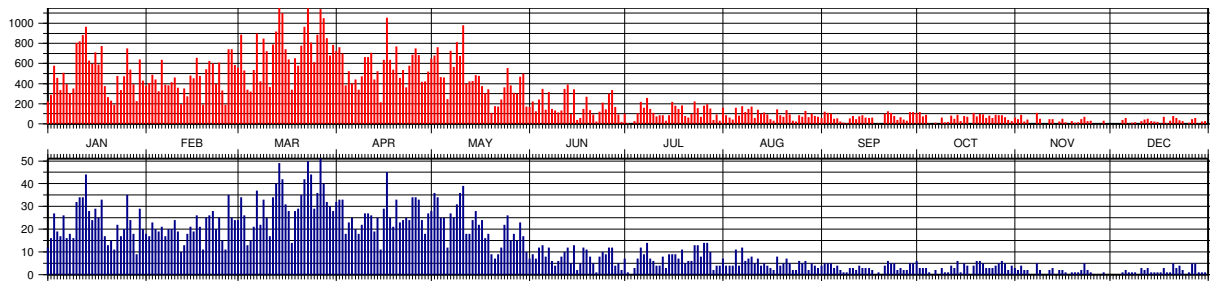


Figure 4.271: Daily number of Normal Points (CSTG) in 2012

4.57.7 Daily number of Full-Rate data (MERIT-II) in 2012

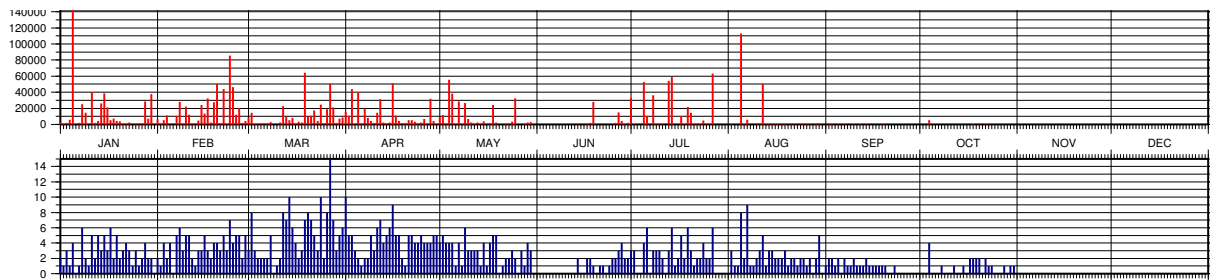


Figure 4.272: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.57.8 Stations tracked Jason-2 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	189 ¹ / 9 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	5029 / 275	75055 / 272	875 / 63	0 / 0
Arkhyz, Russia (18869601)	424 / 40	0 / 0	33 / 4	0 / 0
Badary, Russia (18900901)	4466 / 192	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	1716 / 119	0 / 0	828 / 46	0 / 0
Changchun, China (72371901)	6652 / 541	5984052 / 531	3661 / 276	2131261 / 215
Concepcion, Chile (74057904)	3068 / 202	185163 / 195	1898 / 117	83540 / 79
Golosiv, Ukraine (18248101)	869 / 111	4549 / 111	746 / 88	0 / 0
Grasse, France (FTLRS) (78296906)	0 / 0	386419 / 49	0 / 0	0 / 0
Grasse, France (LLR) (78457801)	20945 / 522	4601388 / 519	7992 / 221	0 / 0
Graz, Austria (78393402)	11020 / 458	0 / 0	4954 / 209	0 / 0
Greenbelt, Maryland (71050725)	7138 / 283	318288 / 283	6267 / 240	0 / 0
Haleakala, Hawaii (71191402)	3979 / 147	77871 / 146	2343 / 92	0 / 0
Hartebeesthoek, South Africa (75010602)	5225 / 235	249874 / 235	2094 / 89	0 / 0
Herstmonceux, United Kingdom (78403501)	17 / 1	128385 / 28	4543 / 192	0 / 0
Katzively, Ukraine (18931801)	4312 / 232	39820 / 231	1340 / 75	39201 / 224
Koganei, Japan(CRL) (73085001)	1035 / 56	37570 / 55	416 / 23	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	3 / 1	0 / 0	0 / 0	0 / 0
Kunming, China (78208201)	31 / 2	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	8491 / 465	400233 / 463	2973 / 153	145833 / 168
McDonald Observatory, Texas (70802419)	1534 / 124	54339 / 122	745 / 50	0 / 0
Monument Peak, California (71100412)	4405 / 191	279826 / 191	3220 / 110	0 / 0
Mt Stromlo, Australia (78259001)	10013 / 501	438 / 3	10013 / 501	0 / 0
Potsdam, Germany (78418701)	9054 / 363	0 / 0	3607 / 147	0 / 0
Riga, Latvia (18844401)	1546 / 63	0 / 0	870 / 37	0 / 0
San Fernando, Spain (78244502)	2751 / 165	61460 / 164	1670 / 105	27003 / 95
San Juan, Argentina (74068801)	6609 / 350	52997 / 297	6935 / 367	0 / 0
Shanghai, China (78212801)	693 / 64	20830 / 1	284 / 24	0 / 0
Simeiz, Ukraine (18734901)	2446 / 155	14625 / 155	2128 / 136	0 / 0
Simosato, Japan (78383603)	2661 / 97	18898 / 129	1074 / 37	0 / 0
Svetloe, Russia (18889801)	752 / 49	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	1264 / 48	35134 / 49	798 / 30	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	148 / 12	0 / 0
Wetzell, Germany (WLRs) (88341001)	6410 / 481	291921 / 476	4569 / 336	0 / 0
Yarragadee, Australia (70900513)	18070 / 724	766260 / 725	10860 / 430	0 / 0
Zelenchukskya, Russia (18899901)	570 / 33	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Zimmerwald, Switzerland (78106801)	21698 ¹ / 810 ²	867199 / 308	12136 / 418	0 / 0

¹ Number of observations; ² Number of files/passes

4.58 Lageos-1 (7603901)

4.58.1 Common Information

Official name:	lageos1
COSPAR ID:	7603901
SIC Code:	1155
NORAD ID:	8820
Launch Date:	1976-05-04

4.58.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	4973 ¹ / 582 ²	676938 / 224	6878 / 781	588806 / 161	93 ²
February	5073 / 591	635355 / 233	6501 / 745	573988 / 152	86
March	7469 / 827	912812 / 393	10268 / 1105	752855 / 189	69
April	5101 / 633	570921 / 305	7495 / 889	348546 / 92	82
May	8586 / 1104	696207 / 260	6297 / 781	427555 / 60	92
June	7181 / 874	593429 / 330	2091 / 255	82852 / 19	92
July	8892 / 975	767675 / 330	1799 / 218	88462 / 6	96
August	9546 / 1028	1029188 / 308	1614 / 193	93259 / 10	93
September	7392 / 819	650012 / 188	1029 / 124	0 / 0	93
October	7556 / 871	895555 / 213	926 / 117	51075 / 7	93
November	5174 / 603	1122068 / 172	514 / 66	0 / 0	90
December	4045 / 503	779176 / 163	574 / 78	0 / 0	93
Year	80988 / 9410	9329336 / 3119	45986 / 5352	3007398 / 696	1072

¹ Number of observations; ² Number of files/passes

4.58.3 Daily number of Predictions (CPF) in 2012

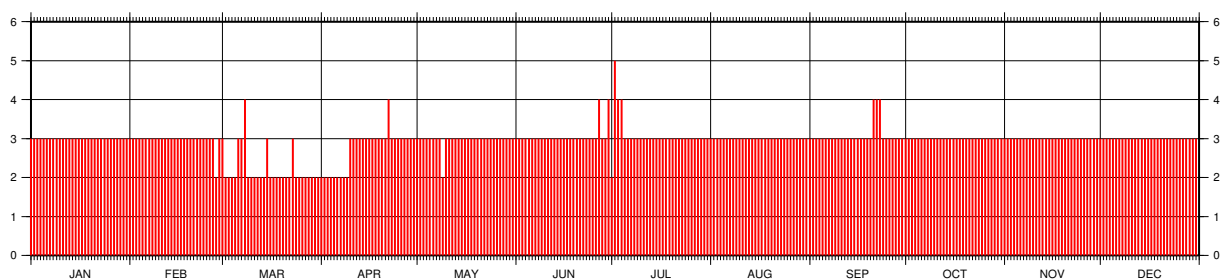


Figure 4.273: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.58.4 Daily number of Normal Points (CRD) in 2012

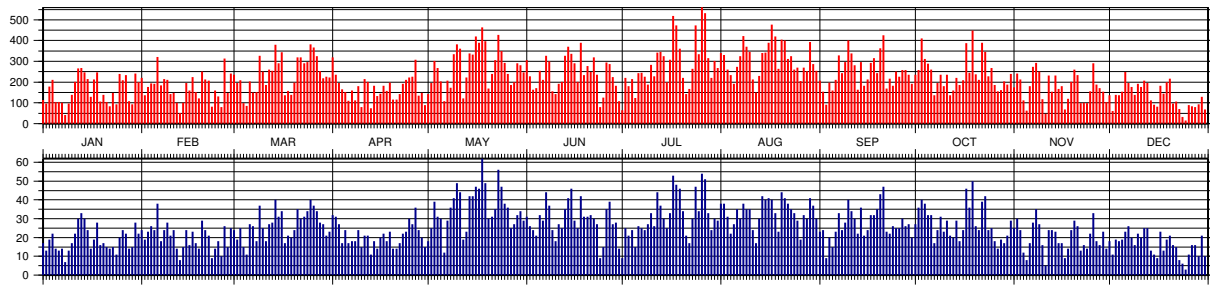


Figure 4.274: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.58.5 Daily number of Full-Rate data (CRD) in 2012

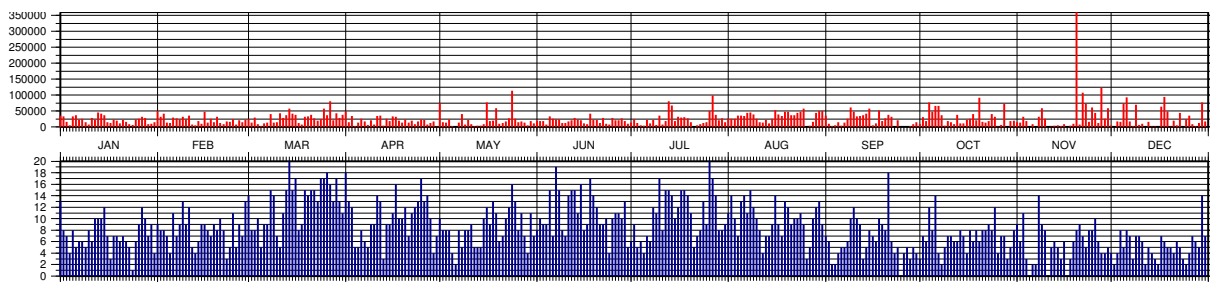


Figure 4.275: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.58.6 Daily number of Normal Points (CSTG) in 2012

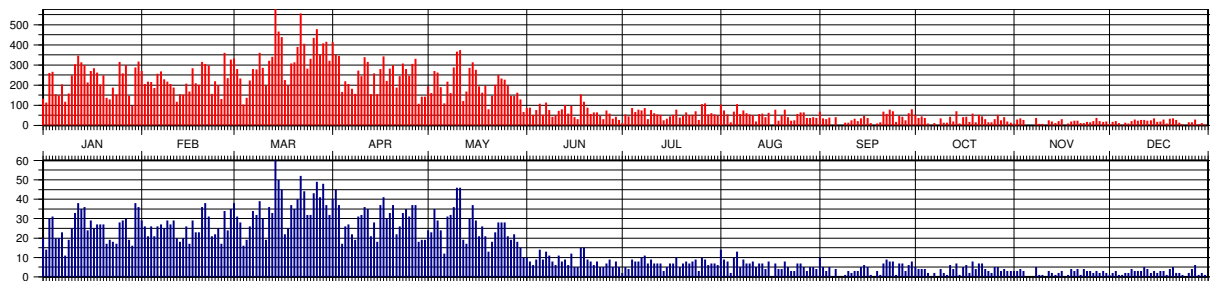


Figure 4.276: Daily number of Normal Points (CSTG) in 2012

4.58.7 Daily number of Full-Rate data (MERIT-II) in 2012

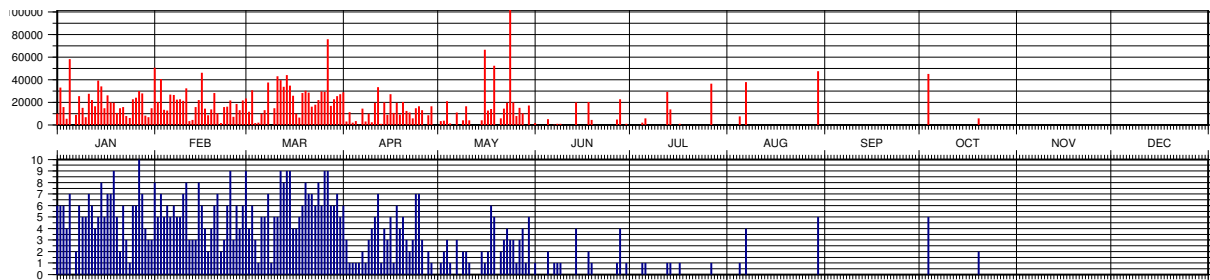


Figure 4.277: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.58.8 Stations tracked Lageos-1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	568 ¹ / 102 ²	0 / 0	116 / 19	0 / 0
Arequipa, Peru (74031306)	1860 / 253	0 / 0	317 / 52	0 / 0
Arkhyz, Russia (18869601)	306 / 75	0 / 0	69 / 11	0 / 0
Badary, Russia (18900901)	1489 / 150	0 / 0	17 / 3	0 / 0
Baikonur, Kazakhstan (18879701)	811 / 118	0 / 0	376 / 48	0 / 0
Beijing, China (72496102)	781 / 134	0 / 0	530 / 64	0 / 0
Changchun, China (72371901)	1798 / 338	3721945 / 336	1133 / 214	1195408 / 171
Concepcion, Chile (74057904)	3941 / 400	1327988 / 388	2258 / 238	618824 / 185
Golosiv, Ukraine (18248101)	286 / 69	3479 / 69	250 / 61	0 / 0
Grasse, France (LLR) (78457801)	2765 / 263	248792 / 263	1450 / 138	0 / 0
Graz, Austria (78393402)	3169 / 417	0 / 0	1519 / 206	0 / 0
Greenbelt, Maryland (71050725)	2065 / 249	0 / 0	1789 / 238	0 / 0
Haleakala, Hawaii (71191402)	2191 / 246	0 / 0	1236 / 123	0 / 0
Hartebeesthoek, South Africa (75010602)	3263 / 342	0 / 0	1029 / 97	0 / 0
Herstmonceux, United Kingdom (78403501)	20 / 2	106788 / 36	2277 / 228	0 / 0
Katzively, Ukraine (18931801)	850 / 112	18393 / 111	610 / 77	1655 / 11
Koganei, Japan(CRL) (73085001)	575 / 79	0 / 0	387 / 52	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	438 / 83	0 / 0	67 / 14	0 / 0
Matera, Italy (MLRO) (79417701)	7742 / 948	3340794 / 935	2597 / 330	1184677 / 286
McDonald Observatory, Texas (70802419)	1394 / 192	0 / 0	742 / 102	0 / 0
Monument Peak, California (71100412)	2239 / 292	0 / 0	1413 / 164	0 / 0
Mt Stromlo, Australia (78259001)	4910 / 636	692 / 3	4917 / 637	0 / 0
Potsdam, Germany (78418701)	2589 / 269	12997 / 1	1424 / 140	0 / 0
Riga, Latvia (18844401)	139 / 20	0 / 0	139 / 20	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	7 / 1	0 / 0
San Fernando, Spain (78244502)	100 / 23	3874 / 23	203 / 51	6834 / 43
San Juan, Argentina (74068801)	5009 / 548	121436 / 519	5162 / 567	0 / 0
Shanghai, China (78212801)	210 / 48	2706 / 1	158 / 34	0 / 0
Simeiz, Ukraine (18734901)	625 / 86	12243 / 86	506 / 69	0 / 0
Simosato, Japan (78383603)	4383 / 268	0 / 0	1737 / 102	0 / 0
Svetloe, Russia (18889801)	616 / 137	0 / 0	3 / 1	0 / 0
Tahiti, French Polynesia (71240802)	615 / 67	0 / 0	405 / 42	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	26 / 6	0 / 0
Wetzell, Germany (WLRS) (88341001)	3851 / 571	384811 / 337	2138 / 345	0 / 0
Yarragadee, Australia (70900513)	8494 / 1042	0 / 0	4111 / 501	0 / 0
Zelenchukskya, Russia (18899901)	626 / 104	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Zimmerwald, Switzerland (78106801)	10150 ¹ / 715 ²	0 / 0	4748 / 345	0 / 0

¹ Number of observations; ² Number of files/passes

4.59 Lageos-2 (9207002)

4.59.1 Common Information

Official name:	lageos2
COSPAR ID:	9207002
SIC Code:	5986
NORAD ID:	22195
Launch Date:	1992-10-22

4.59.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	4144 ¹ / 436 ²	501242 / 176	6134 / 649	481794 / 127	93 ²
February	3783 / 435	438857 / 165	5650 / 647	417053 / 113	86
March	4816 / 487	566132 / 253	8621 / 865	447729 / 117	69
April	3307 / 329	250730 / 199	6983 / 693	125531 / 61	91
May	6740 / 781	261785 / 177	5036 / 556	167539 / 42	92
June	6080 / 744	609325 / 290	1754 / 213	91341 / 20	92
July	8602 / 988	1155269 / 329	1438 / 180	341018 / 18	95
August	8793 / 1083	1246852 / 350	1096 / 146	53991 / 11	93
September	7722 / 940	1128360 / 246	750 / 97	0 / 0	93
October	8052 / 965	980817 / 200	912 / 99	31942 / 6	93
November	5053 / 579	424960 / 141	447 / 55	0 / 0	90
December	3665 / 415	335827 / 118	651 / 75	0 / 0	93
Year	70757 / 8182	7900156 / 2644	39472 / 4275	2157938 / 515	1080

¹ Number of observations; ² Number of files/passes

4.59.3 Daily number of Predictions (CPF) in 2012

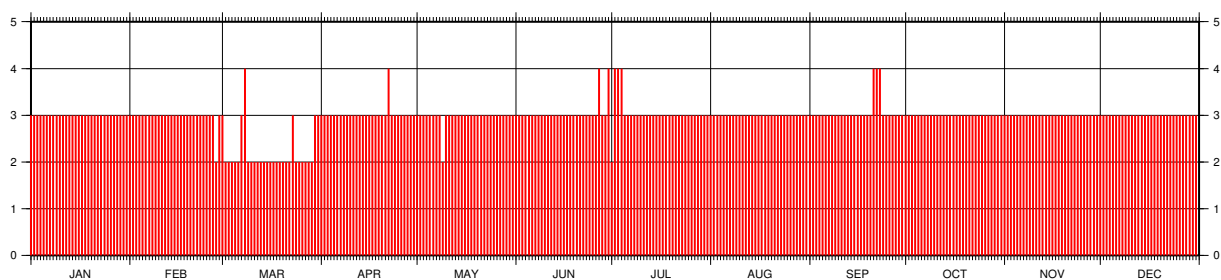


Figure 4.278: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.59.4 Daily number of Normal Points (CRD) in 2012

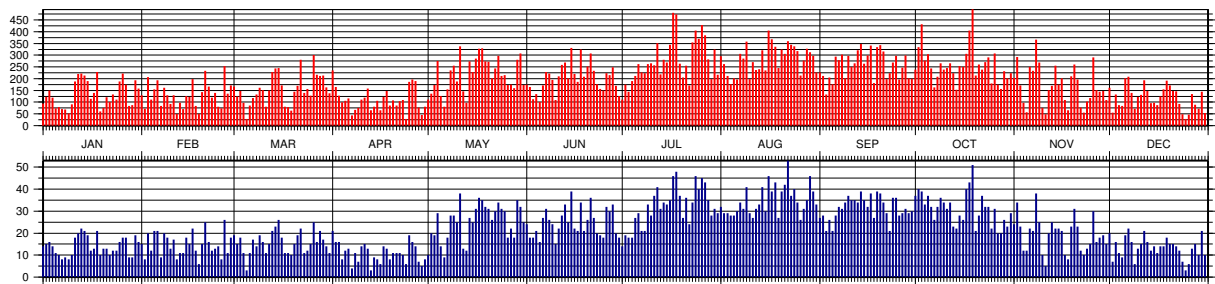


Figure 4.279: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.59.5 Daily number of Full-Rate data (CRD) in 2012

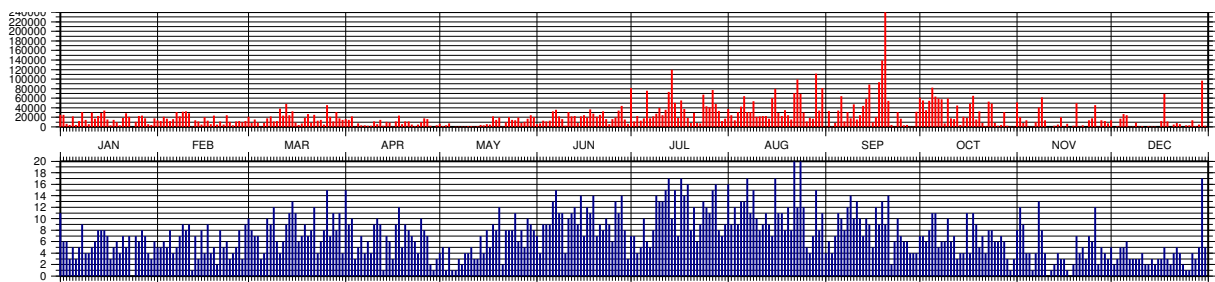


Figure 4.280: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.59.6 Daily number of Normal Points (CSTG) in 2012

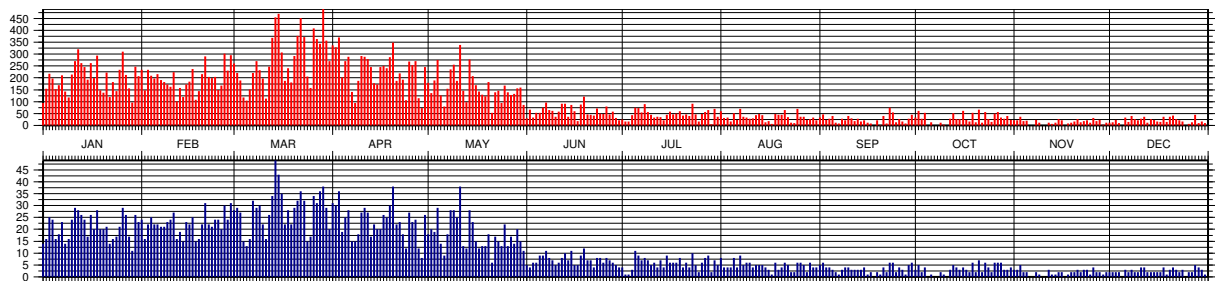


Figure 4.281: Daily number of Normal Points (CSTG) in 2012

4.59.7 Daily number of Full-Rate data (MERIT-II) in 2012

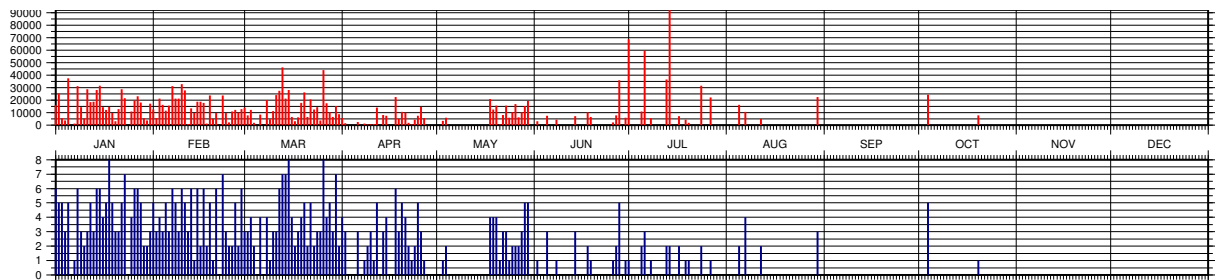


Figure 4.282: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.59.8 Stations tracked Lageos-2 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	582 ¹ / 105 ²	0 / 0	22 / 4	0 / 0
Arequipa, Peru (74031306)	1246 / 199	0 / 0	283 / 54	0 / 0
Arkhyz, Russia (18869601)	263 / 57	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	779 / 84	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	1628 / 333	0 / 0	28 / 6	0 / 0
Beijing, China (72496102)	502 / 68	0 / 0	169 / 23	0 / 0
Changchun, China (72371901)	1620 / 294	3274530 / 291	828 / 153	827784 / 122
Concepcion, Chile (74057904)	3432 / 317	1106008 / 303	2195 / 202	542524 / 147
Golosiv, Ukraine (18248101)	190 / 43	2311 / 44	144 / 37	0 / 0
Grasse, France (LLR) (78457801)	2477 / 214	270012 / 212	1149 / 102	0 / 0
Graz, Austria (78393402)	2182 / 276	0 / 0	1164 / 135	0 / 0
Greenbelt, Maryland (71050725)	2088 / 248	0 / 0	1606 / 198	0 / 0
Haleakala, Hawaii (71191402)	2658 / 285	0 / 0	1574 / 165	0 / 0
Hartebeesthoek, South Africa (75010602)	2584 / 342	0 / 0	1372 / 138	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	17949 / 15	1704 / 152	0 / 0
Katzively, Ukraine (18931801)	1192 / 149	43030 / 149	206 / 29	2838 / 11
Koganei, Japan(CRL) (73085001)	679 / 90	0 / 0	288 / 38	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	274 / 61	0 / 0	12 / 2	0 / 0
Matera, Italy (MLRO) (79417701)	6968 / 831	2888633 / 829	2167 / 266	782032 / 212
McDonald Observatory, Texas (70802419)	1695 / 230	0 / 0	784 / 98	0 / 0
Monument Peak, California (71100412)	1844 / 236	0 / 0	1800 / 184	0 / 0
Mt Stromlo, Australia (78259001)	4810 / 535	0 / 0	4810 / 535	0 / 0
Potsdam, Germany (78418701)	1988 / 180	0 / 0	631 / 58	0 / 0
Riga, Latvia (18844401)	81 / 13	0 / 0	59 / 8	0 / 0
San Fernando, Spain (78244502)	264 / 61	12853 / 59	115 / 27	2760 / 23
San Juan, Argentina (74068801)	3525 / 380	83129 / 368	3630 / 391	0 / 0
Shanghai, China (78212801)	355 / 78	26725 / 1	116 / 22	0 / 0
Simeiz, Ukraine (18734901)	1115 / 158	19247 / 160	861 / 125	0 / 0
Simosato, Japan (78383603)	3880 / 207	0 / 0	1462 / 72	0 / 0
Svetloe, Russia (18889801)	185 / 41	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	535 / 56	0 / 0	469 / 43	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	17 / 3	0 / 0
Wetzell, Germany (WLRS) (88341001)	2403 / 362	146943 / 202	1330 / 206	0 / 0
Yarragadee, Australia (70900513)	8530 / 997	0 / 0	4712 / 519	0 / 0
Zelenchukskya, Russia (18899901)	754 / 88	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	7359 / 554	0 / 0	3660 / 268	0 / 0

¹ Number of observations; ² Number of files/passes

4.60 Lares (1200601)

4.60.1 Common Information

Official name:	lares
COSPAR ID:	1200601
SIC Code:	5987
NORAD ID:	38077
Launch Date:	2012-02-13

4.60.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	1494 / 118	728086 / 57	2527 / 200	266526 / 22	20
March	7258 / 624	1114810 / 391	11154 / 862	444633 / 137	68
April	6277 / 543	706564 / 342	8810 / 702	218611 / 86	69
May	9881 / 818	1675098 / 385	7562 / 633	308039 / 65	90
June	7354 / 608	290364 / 266	1904 / 168	21017 / 9	92
July	8032 / 671	978144 / 325	1841 / 176	104285 / 11	93
August	10939 / 926	1599408 / 457	1331 / 131	91603 / 14	93
September	8666 / 749	1625918 / 348	832 / 79	0 / 0	93
October	7902 / 658	1898592 / 289	537 / 52	3335 / 5	81
November	4602 / 407	476976 / 143	552 / 50	855 / 2	87
December	3827 / 332	753058 / 129	197 / 22	0 / 0	75
Year	76232 / 6454	11847018 / 3132	37247 / 3075	1458904 / 351	861

¹ Number of observations; ² Number of files/passes

4.60.3 Daily number of Predictions (CPF) in 2012

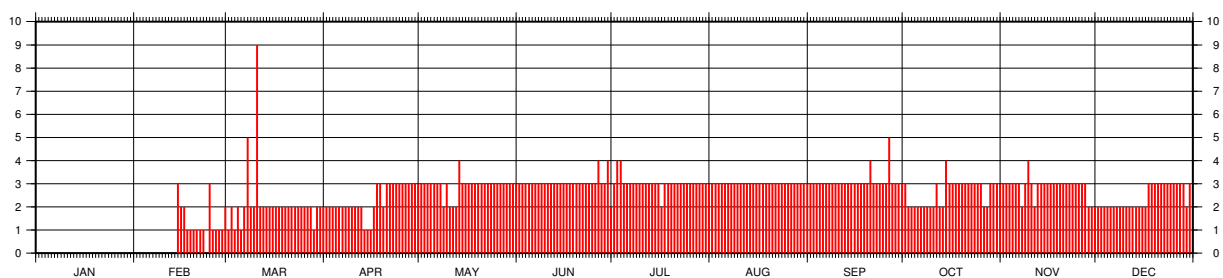


Figure 4.283: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.60.4 Daily number of Normal Points (CRD) in 2012

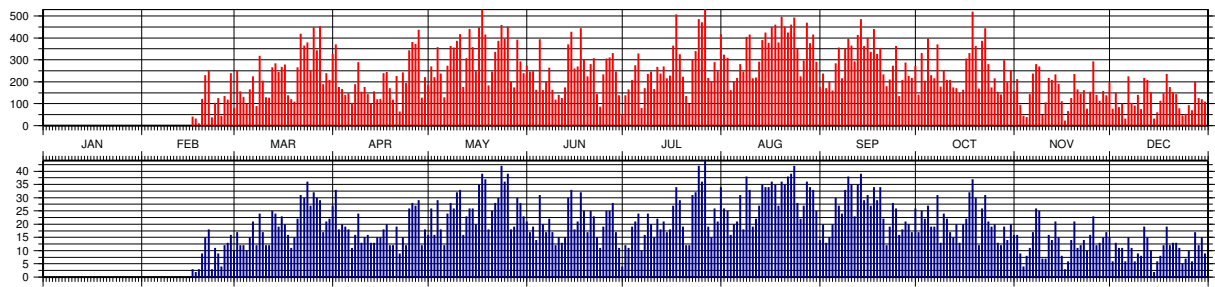


Figure 4.284: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.60.5 Daily number of Full-Rate data (CRD) in 2012

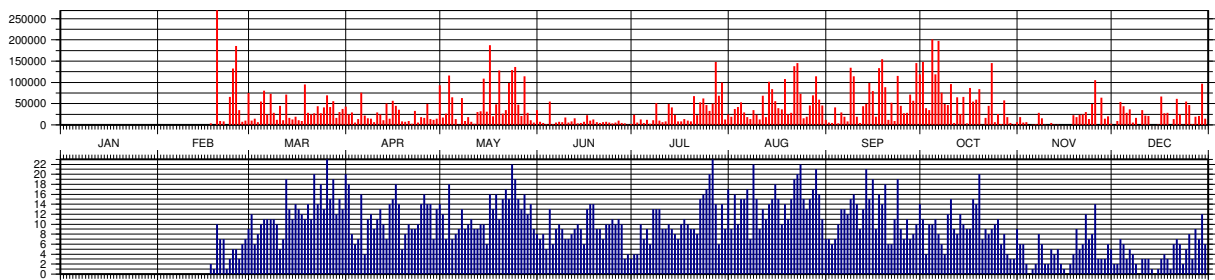


Figure 4.285: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.60.6 Daily number of Normal Points (CSTG) in 2012

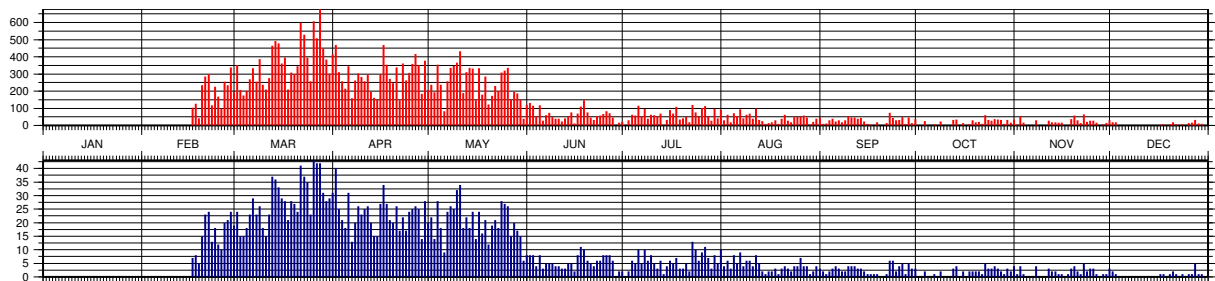


Figure 4.286: Daily number of Normal Points (CSTG) in 2012

4.60.7 Daily number of Full-Rate data (MERIT-II) in 2012

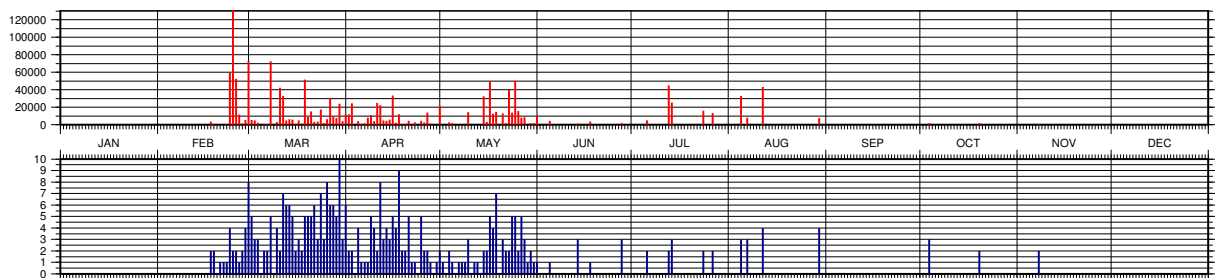


Figure 4.287: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.60.8 Stations tracked Lares in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	251 ¹ / 23 ²	0 / 0	94 / 8	0 / 0
Arequipa, Peru (74031306)	2324 / 250	0 / 0	397 / 41	0 / 0
Arkhyz, Russia (18869601)	49 / 3	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	1828 / 159	0 / 0	0 / 0	0 / 0
Baikonur, Kazakhstan (18879701)	782 / 69	0 / 0	166 / 22	0 / 0
Beijing, China (72496102)	904 / 112	0 / 0	432 / 39	0 / 0
Changchun, China (72371901)	2909 / 433	4991338 / 422	1128 / 148	1251195 / 123
Concepcion, Chile (74057904)	545 / 143	128433 / 139	429 / 112	71404 / 70
Golosiv, Ukraine (18248101)	649 / 80	4588 / 79	482 / 58	0 / 0
Grasse, France (LLR) (78457801)	1413 / 91	60969 / 91	785 / 49	0 / 0
Graz, Austria (78393402)	8340 / 444	0 / 0	3186 / 158	0 / 0
Greenbelt, Maryland (71050725)	3268 / 241	0 / 0	2133 / 142	0 / 0
Haleakala, Hawaii (71191402)	2764 / 192	0 / 0	745 / 53	0 / 0
Hartebeesthoek, South Africa (75010602)	1246 / 123	0 / 0	385 / 29	0 / 0
Herstmonceux, United Kingdom (78403501)	30 / 2	298430 / 54	1657 / 123	0 / 0
Katzively, Ukraine (18931801)	2031 / 200	31825 / 200	621 / 62	0 / 0
Koganei, Japan(CRL) (73085001)	351 / 33	0 / 0	130 / 11	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	48 / 6	0 / 0	45 / 4	0 / 0
Kunming, China (78208201)	37 / 5	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	4914 / 429	427210 / 430	1359 / 112	129878 / 126
McDonald Observatory, Texas (70802419)	646 / 83	0 / 0	218 / 26	0 / 0
Monument Peak, California (71100412)	2183 / 144	0 / 0	889 / 59	0 / 0
Mt Stromlo, Australia (78259001)	3600 / 353	295541 / 328	3619 / 354	2365 / 10
Potsdam, Germany (78418701)	4559 / 328	3285747 / 269	1904 / 136	0 / 0
San Fernando, Spain (78244502)	499 / 86	13924 / 86	144 / 23	4062 / 22
San Juan, Argentina (74068801)	3055 / 258	46294 / 248	3214 / 268	0 / 0
Shanghai, China (78212801)	492 / 76	1277828 / 74	212 / 29	0 / 0
Simeiz, Ukraine (18734901)	1317 / 138	15033 / 138	1018 / 102	0 / 0
Simosato, Japan (78383603)	1281 / 88	0 / 0	266 / 15	0 / 0
Svetloe, Russia (18889801)	572 / 73	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	325 / 23	0 / 0	176 / 11	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	51 / 6	0 / 0
Wetzell, Germany (WLRS) (88341001)	4593 / 493	230112 / 319	3051 / 327	0 / 0
Yarragadee, Australia (70900513)	9705 / 665	0 / 0	3949 / 282	0 / 0
Zelenchukskya, Russia (18899901)	364 / 31	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	8358 / 577	738479 / 251	4362 / 266	0 / 0

¹ Number of observations; ² Number of files/passes

4.61 Larets (0304206)

4.61.1 Common Information

Official name:	larets
COSPAR ID:	0304206
SIC Code:	5557
NORAD ID:	27944
Launch Date:	2003-09-27

4.61.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	1504 ¹ / 231 ²	426055 / 99	2543 / 359	303396 / 64	81 ²
February	1821 / 292	689775 / 121	2455 / 367	600517 / 85	78
March	1982 / 279	356165 / 119	2886 / 385	326676 / 70	57
April	1167 / 172	140071 / 85	2473 / 332	104883 / 42	81
May	3063 / 398	157387 / 94	2328 / 310	99354 / 26	82
June	2267 / 306	41985 / 93	668 / 92	12139 / 4	81
July	2390 / 326	56921 / 84	517 / 76	33016 / 10	85
August	2820 / 404	196246 / 96	495 / 73	7336 / 4	84
September	2402 / 350	276771 / 60	286 / 36	0 / 0	84
October	3190 / 452	800025 / 114	286 / 38	1720 / 2	85
November	1628 / 265	665368 / 74	78 / 15	0 / 0	74
December	1749 / 255	688094 / 83	186 / 27	0 / 0	83
Year	25983 / 3730	4494863 / 1122	15201 / 2110	1489037 / 307	955

¹ Number of observations; ² Number of files/passes

4.61.3 Daily number of Predictions (CPF) in 2012

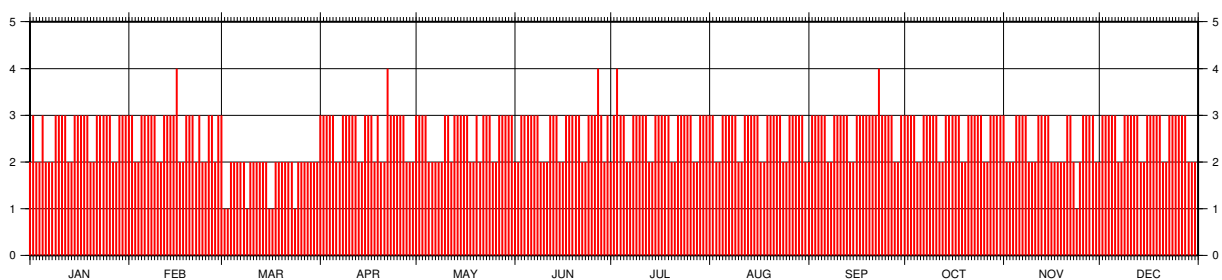


Figure 4.288: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.61.4 Daily number of Normal Points (CRD) in 2012

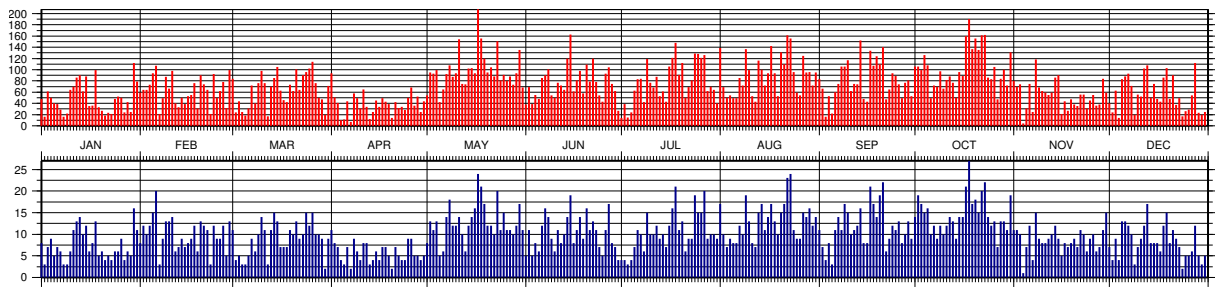


Figure 4.289: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.61.5 Daily number of Full-Rate data (CRD) in 2012

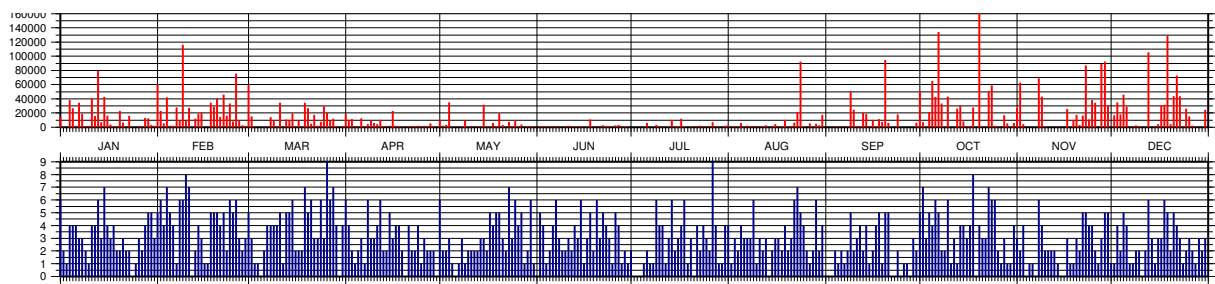


Figure 4.290: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.61.6 Daily number of Normal Points (CSTG) in 2012

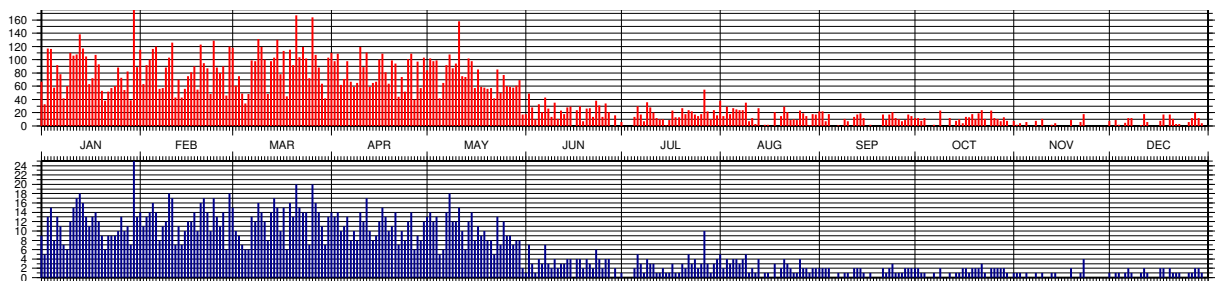


Figure 4.291: Daily number of Normal Points (CSTG) in 2012

4.61.7 Daily number of Full-Rate data (MERIT-II) in 2012

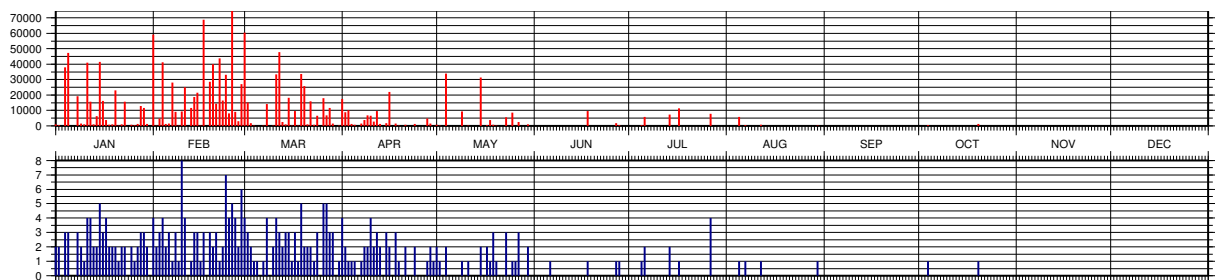


Figure 4.292: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.61.8 Stations tracked Larets in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	391 ¹ / 57 ²	0 / 0	10 / 2	0 / 0
Arequipa, Peru (74031306)	865 / 146	0 / 0	125 / 22	0 / 0
Arkhyz, Russia (18869601)	89 / 31	0 / 0	0 / 0	0 / 0
Badary, Russia (18900901)	234 / 33	0 / 0	11 / 1	0 / 0
Baikonur, Kazakhstan (18879701)	302 / 51	0 / 0	20 / 5	0 / 0
Beijing, China (72496102)	294 / 53	0 / 0	112 / 20	0 / 0
Changchun, China (72371901)	1666 / 368	4197730 / 358	894 / 193	1425819 / 155
Concepcion, Chile (74057904)	392 / 77	36753 / 77	275 / 55	18204 / 39
Golosiv, Ukraine (18248101)	179 / 32	2232 / 31	128 / 22	0 / 0
Grasse, France (LLR) (78457801)	100 / 13	5273 / 13	21 / 4	0 / 0
Graz, Austria (78393402)	1018 / 122	0 / 0	550 / 66	0 / 0
Greenbelt, Maryland (71050725)	1463 / 174	0 / 0	1075 / 121	0 / 0
Haleakala, Hawaii (71191402)	544 / 66	0 / 0	303 / 37	0 / 0
Hartebeesthoek, South Africa (75010602)	1017 / 143	0 / 0	360 / 48	0 / 0
Herstmonceux, United Kingdom (78403501)	7 / 1	11501 / 12	582 / 80	0 / 0
Katzively, Ukraine (18931801)	376 / 60	4909 / 60	113 / 18	165 / 3
Koganei, Japan(CRL) (73085001)	65 / 9	0 / 0	65 / 9	0 / 0
Komsomolsk-na-Amure, Russia (18685901)	100 / 21	0 / 0	0 / 0	0 / 0
Kunming, China (78208201)	24 / 5	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	1335 / 227	105438 / 226	499 / 77	41783 / 82
McDonald Observatory, Texas (70802419)	170 / 42	0 / 0	78 / 18	0 / 0
Monument Peak, California (71100412)	914 / 109	0 / 0	487 / 56	0 / 0
Mt Stromlo, Australia (78259001)	2608 / 353	2390 / 6	2608 / 353	0 / 0
Potsdam, Germany (78418701)	1315 / 168	0 / 0	607 / 77	0 / 0
Riga, Latvia (18844401)	176 / 25	0 / 0	161 / 20	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	2 / 1	35 / 1
San Fernando, Spain (78244502)	200 / 43	11133 / 43	126 / 34	3031 / 27
San Juan, Argentina (74068801)	644 / 87	14073 / 86	652 / 89	0 / 0
Shanghai, China (78212801)	147 / 33	0 / 0	70 / 13	0 / 0
Simeiz, Ukraine (18734901)	128 / 20	1789 / 20	11 / 2	0 / 0
Simosato, Japan (78383603)	449 / 44	0 / 0	124 / 12	0 / 0
Svetloe, Russia (18889801)	68 / 12	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	25 / 5	0 / 0	22 / 5	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	56 / 11	0 / 0
Wetzell, Germany (WLRS) (88341001)	1614 / 275	101642 / 190	1122 / 190	0 / 0
Yarragadee, Australia (70900513)	3383 / 423	0 / 0	2144 / 263	0 / 0

¹ Number of observations; ² Number of files/passes

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Zelenchukskya, Russia (18899901)	101 ¹ / 21 ²	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	3540 / 376	0 / 0	1748 / 181	0 / 0

¹ Number of observations; ² Number of files/passes

4.62 Luna-17 (0000101)

4.62.1 Common Information

Official name:	luna17
COSPAR ID:	0000101
SIC Code:	0101
NORAD ID:	—
Launch Date:	—

4.62.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	30 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	29
March	0 / 0	0 / 0	0 / 0	0 / 0	31
April	0 / 0	0 / 0	0 / 0	0 / 0	30
May	0 / 0	0 / 0	0 / 0	0 / 0	31
June	0 / 0	0 / 0	0 / 0	0 / 0	30
July	0 / 0	0 / 0	0 / 0	0 / 0	29
August	0 / 0	0 / 0	0 / 0	0 / 0	31
September	0 / 0	0 / 0	0 / 0	0 / 0	28
October	0 / 0	0 / 0	0 / 0	0 / 0	30
November	0 / 0	0 / 0	0 / 0	0 / 0	30
December	0 / 0	0 / 0	0 / 0	0 / 0	31
Year	0 / 0	0 / 0	0 / 0	0 / 0	360

¹ Number of observations; ² Number of files/passes

4.62.3 Daily number of Predictions (CPF) in 2012

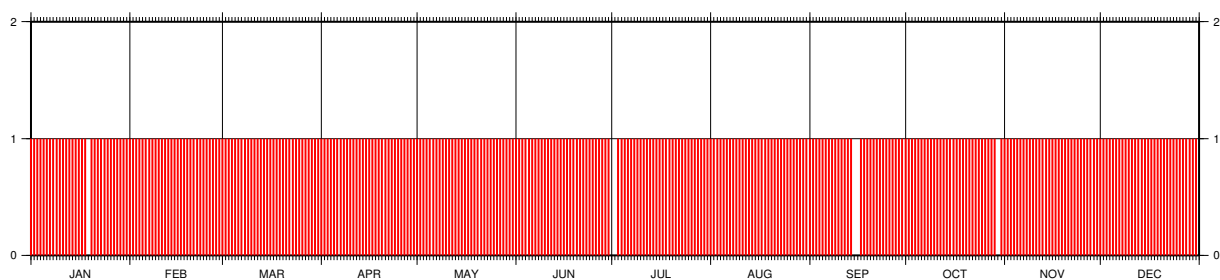


Figure 4.293: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.62.4 Daily number of Normal Points (CRD) in 2012

No data available in 2012!

4.62.5 Daily number of Full-Rate data (CRD) in 2012

No data available in 2012!

4.62.6 Daily number of Normal Points (CSTG) in 2012

No data available in 2012!

4.62.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.62.8 Stations tracked Luna-17 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
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¹ Number of observations; ² Number of files/passes

4.63 Luna-21 (0000104)

4.63.1 Common Information

Official name:	luna21
COSPAR ID:	0000104
SIC Code:	0104
NORAD ID:	—
Launch Date:	—

4.63.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	30 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	29
March	0 / 0	0 / 0	0 / 0	0 / 0	31
April	0 / 0	0 / 0	0 / 0	0 / 0	30
May	0 / 0	0 / 0	0 / 0	0 / 0	31
June	0 / 0	0 / 0	0 / 0	0 / 0	30
July	0 / 0	0 / 0	0 / 0	0 / 0	29
August	0 / 0	0 / 0	0 / 0	0 / 0	31
September	0 / 0	0 / 0	7 / 7	0 / 0	28
October	0 / 0	0 / 0	0 / 0	0 / 0	30
November	0 / 0	0 / 0	0 / 0	0 / 0	30
December	0 / 0	0 / 0	0 / 0	0 / 0	31
Year	0 / 0	0 / 0	7 / 7	0 / 0	360

¹ Number of observations; ² Number of files/passes

4.63.3 Daily number of Predictions (CPF) in 2012

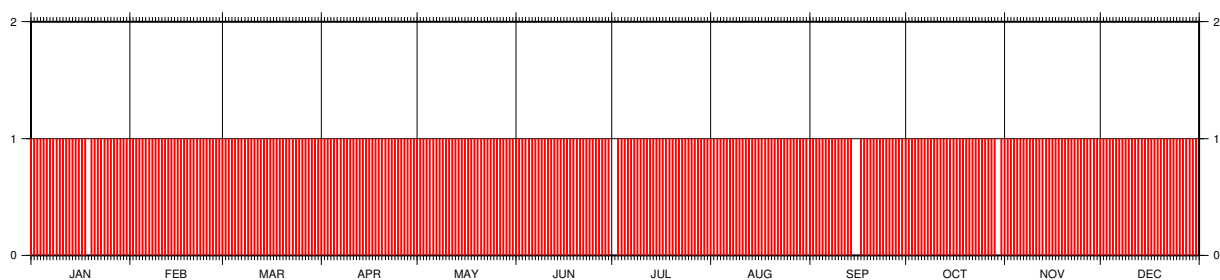


Figure 4.294: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.63.4 Daily number of Normal Points (CRD) in 2012

No data available in 2012!

4.63.5 Daily number of Full-Rate data (CRD) in 2012

No data available in 2012!

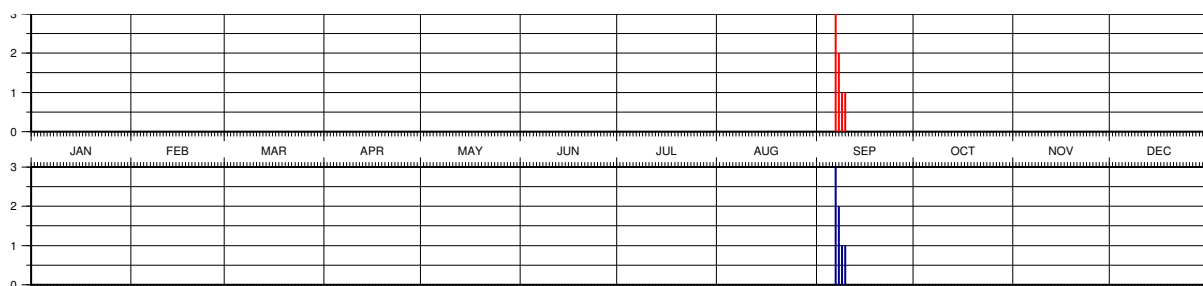
4.63.6 Daily number of Normal Points (CSTG) in 2012

Figure 4.295: Daily number of Normal Points (CSTG) in 2012

4.63.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.63.8 Stations tracked Luna-21 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Grasse, France (LLR) (78457801)	0 ¹ / 0 ²	0 / 0	7 / 7	0 / 0

¹ Number of observations; ² Number of files/passes

4.64 QSZ-1 (1004501)

4.64.1 Common Information

Official name:	qzs1
COSPAR ID:	1004501
SIC Code:	1581
NORAD ID:	37158
Launch Date:	2010-11-11

4.64.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	128 ¹ / 21 ²	124 / 1	181 / 39	124 / 2	31 ²
February	212 / 34	742 / 4	247 / 44	970 / 5	29
March	147 / 24	756 / 2	200 / 39	1044 / 4	31
April	22 / 4	0 / 0	40 / 8	0 / 0	29
May	80 / 21	7002 / 8	72 / 19	7002 / 8	31
June	41 / 11	657 / 2	32 / 10	657 / 2	27
July	175 / 43	9262 / 10	117 / 27	4670 / 7	29
August	180 / 46	8451 / 12	50 / 17	933 / 3	30
September	80 / 25	6069 / 11	11 / 4	0 / 0	29
October	131 / 39	11113 / 13	17 / 5	0 / 0	27
November	119 / 33	7559 / 15	0 / 0	0 / 0	28
December	83 / 26	8500 / 14	0 / 0	0 / 0	30
Year	1398 / 327	60235 / 92	967 / 212	15400 / 31	351

¹ Number of observations; ² Number of files/passes

4.64.3 Daily number of Predictions (CPF) in 2012

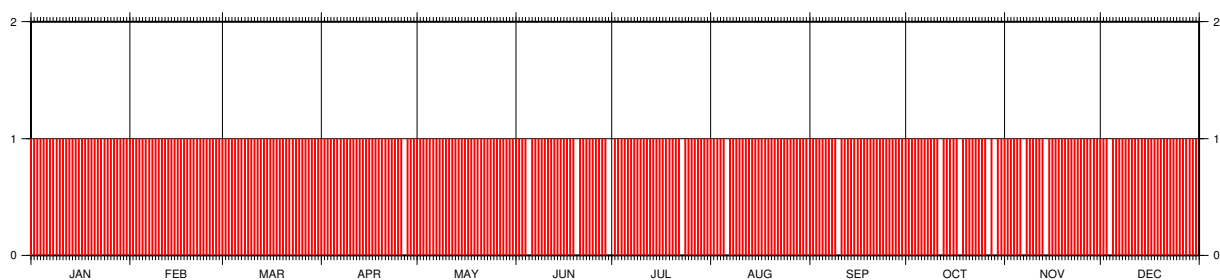


Figure 4.296: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.64.4 Daily number of Normal Points (CRD) in 2012

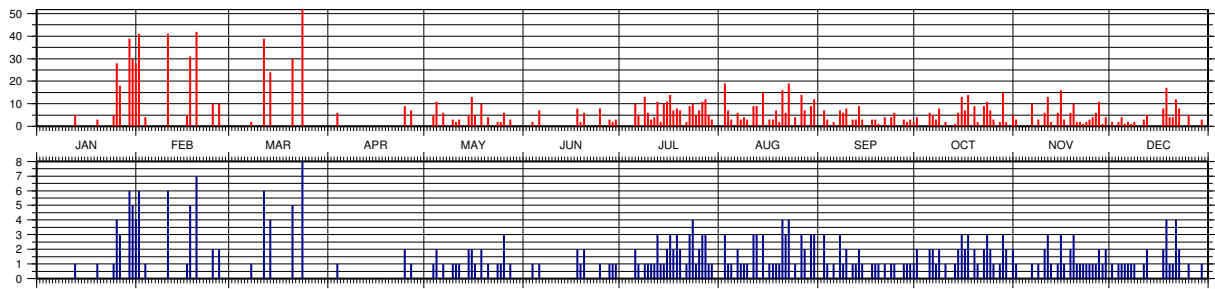


Figure 4.297: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.64.5 Daily number of Full-Rate data (CRD) in 2012

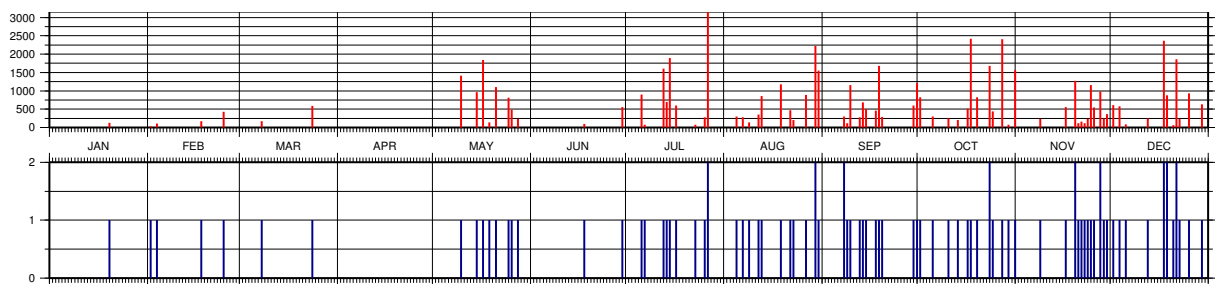


Figure 4.298: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.64.6 Daily number of Normal Points (CSTG) in 2012

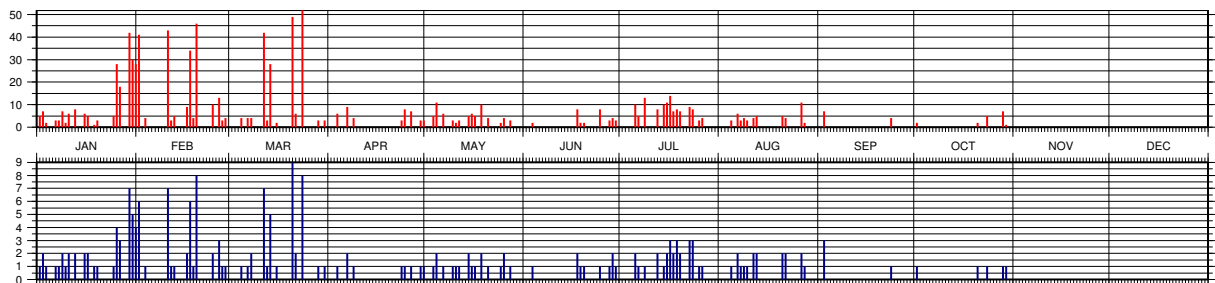


Figure 4.299: Daily number of Normal Points (CSTG) in 2012

4.64.7 Daily number of Full-Rate data (MERIT-II) in 2012

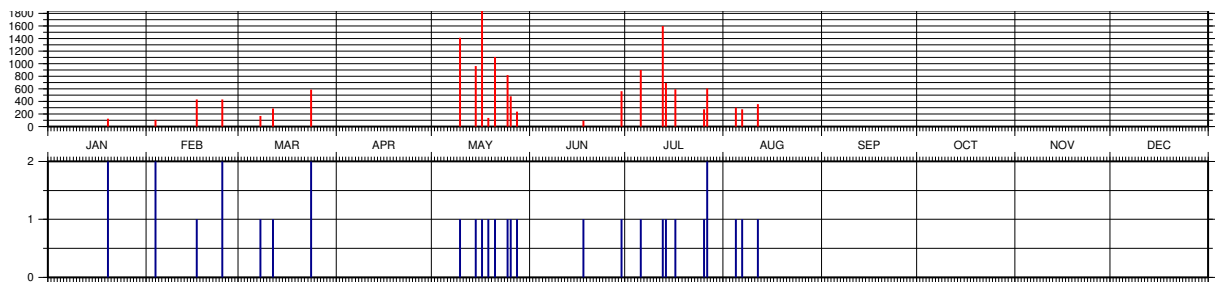


Figure 4.300: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.64.8 Stations tracked QSZ-1 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Beijing, China (72496102)	11 ¹ / 3 ²	0 / 0	8 / 1	0 / 0
Changchun, China (72371901)	300 / 95	57679 / 91	120 / 33	15400 / 31
Koganei, Japan(CRL) (73085001)	671 / 109	0 / 0	473 / 74	0 / 0
Mt Stromlo, Australia (78259001)	180 / 49	0 / 0	182 / 50	0 / 0
Shanghai, China (78212801)	74 / 16	2556 / 1	12 / 2	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	29 / 6	0 / 0
Yarragadee, Australia (70900513)	162 / 55	0 / 0	143 / 46	0 / 0

¹ Number of observations; ² Number of files/passes

4.65 RadioAstron (1103701)

4.65.1 Common Information

Official name:	radioastro
COSPAR ID:	1103701
SIC Code:	5559
NORAD ID:	37755
Launch Date:	2011-07-18

4.65.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	114 ¹ / 5 ²	4113 / 5	101 / 3	0 / 0	9 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	10
March	12 / 1	786 / 1	0 / 0	0 / 0	16
April	0 / 0	0 / 0	0 / 0	0 / 0	6
May	0 / 0	0 / 0	0 / 0	0 / 0	4
June	0 / 0	0 / 0	0 / 0	0 / 0	3
July	0 / 0	0 / 0	0 / 0	0 / 0	5
August	0 / 0	0 / 0	0 / 0	0 / 0	7
September	51 / 2	7413 / 2	0 / 0	0 / 0	9
October	4 / 2	48 / 2	0 / 0	0 / 0	15
November	0 / 0	0 / 0	0 / 0	0 / 0	14
December	0 / 0	0 / 0	0 / 0	0 / 0	19
Year	181 / 10	12360 / 10	101 / 3	0 / 0	117

¹ Number of observations; ² Number of files/passes

4.65.3 Daily number of Predictions (CPF) in 2012

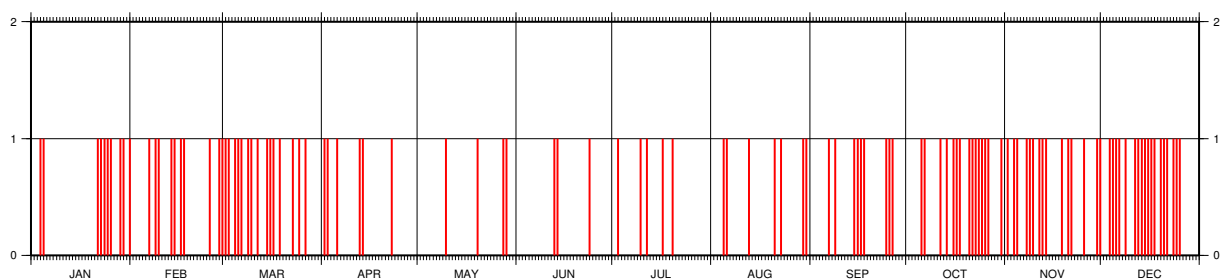


Figure 4.301: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.65.4 Daily number of Normal Points (CRD) in 2012

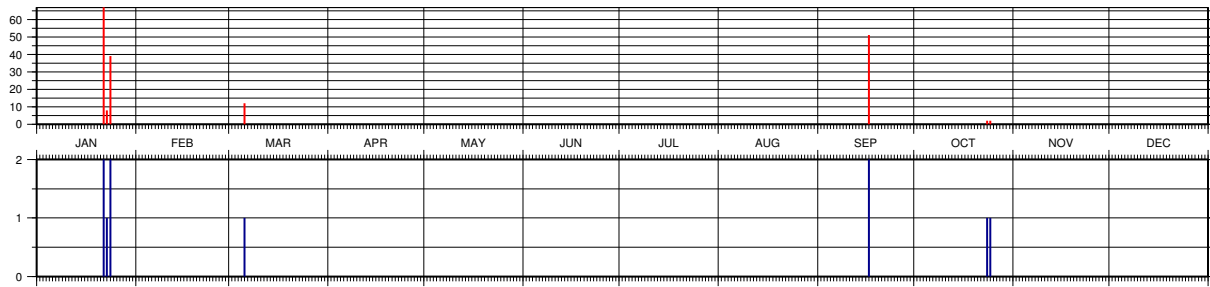


Figure 4.302: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.65.5 Daily number of Full-Rate data (CRD) in 2012

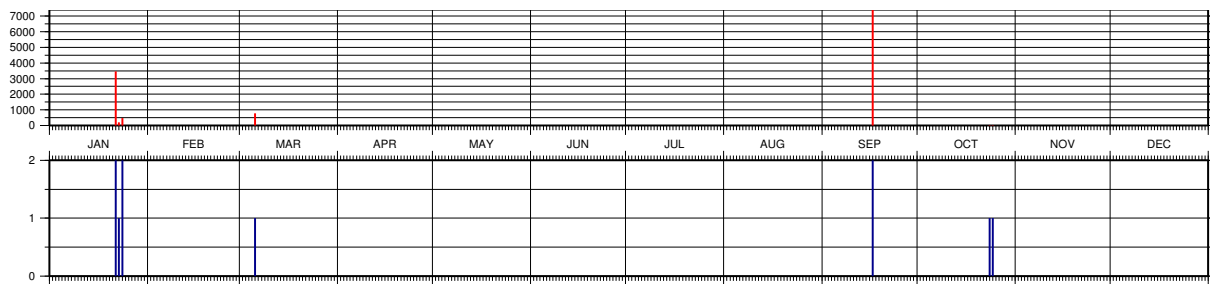


Figure 4.303: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.65.6 Daily number of Normal Points (CSTG) in 2012

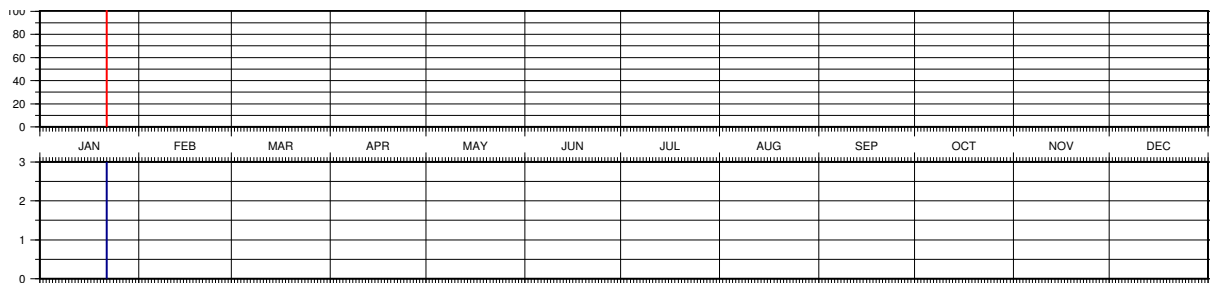


Figure 4.304: Daily number of Normal Points (CSTG) in 2012

4.65.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.65.8 Stations tracked RadioAstron in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Grasse, France (LLR) (78457801)	181 ¹ / 10 ²	12360 / 10	101 / 3	0 / 0

¹ Number of observations; ² Number of files/passes

4.66 Reflector (0105605)

4.66.1 Common Information

Official name:	reflector
COSPAR ID:	0105605
SIC Code:	5556
NORAD ID:	27005
Launch Date:	—

4.66.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	4 / 1	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	4 / 1	0 / 0	0 / 0	0 / 0	0

¹ Number of observations; ² Number of files/passes

4.66.3 Daily number of Predictions (CPF) in 2012

No data available in 2012!

4.66.4 Daily number of Normal Points (CRD) in 2012

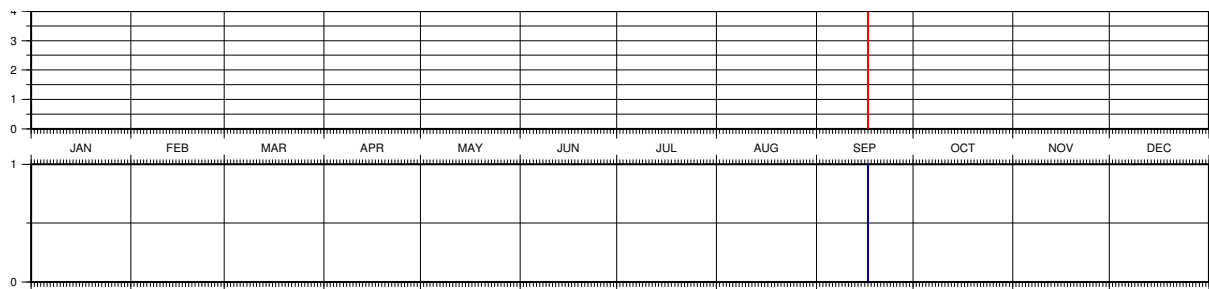


Figure 4.305: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.66.5 Daily number of Full-Rate data (CRD) in 2012

No data available in 2012!

4.66.6 Daily number of Normal Points (CSTG) in 2012

No data available in 2012!

4.66.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.66.8 Stations tracked Reflector in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Graz, Austria (78393402)	4 ¹ / 1 ²	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes

4.67 Starlette (7501001)

4.67.1 Common Information

Official name:	starlette
COSPAR ID:	7501001
SIC Code:	1134
NORAD ID:	7646
Launch Date:	1975-02-06

4.67.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	5256 ¹ / 533 ²	1900356 / 230	8983 / 881	1283622 / 192	62 ²
February	4386 / 468	639075 / 157	7480 / 759	562960 / 129	57
March	6916 / 736	1482280 / 356	10549 / 1030	1379122 / 230	38
April	4480 / 488	797442 / 209	8220 / 809	595931 / 106	60
May	9191 / 880	444950 / 251	7101 / 691	248943 / 87	61
June	8844 / 923	578641 / 370	2470 / 283	215362 / 30	62
July	8614 / 835	502810 / 278	2477 / 238	77498 / 10	64
August	12160 / 1191	2509846 / 426	1832 / 208	388940 / 18	62
September	8287 / 829	587469 / 206	1944 / 167	0 / 0	63
October	9018 / 905	2131767 / 235	1389 / 137	7192 / 5	62
November	6905 / 716	1353857 / 186	696 / 82	0 / 0	60
December	5246 / 536	934171 / 184	1336 / 139	0 / 0	62
Year	89303 / 9040	13862664 / 3088	54477 / 5424	4759570 / 807	713

¹ Number of observations; ² Number of files/passes

4.67.3 Daily number of Predictions (CPF) in 2012

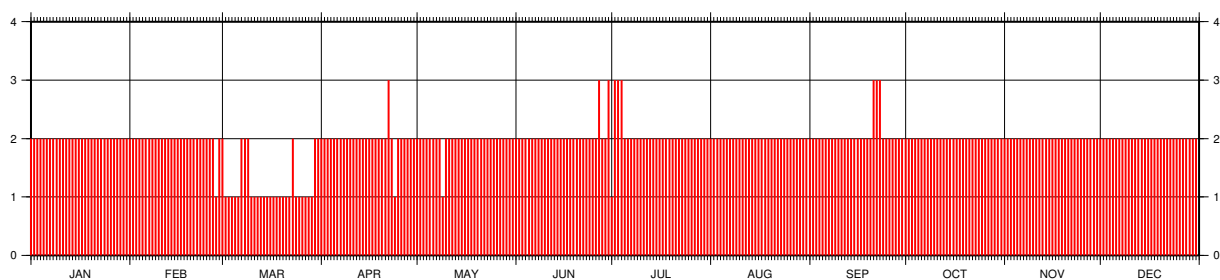


Figure 4.306: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.67.4 Daily number of Normal Points (CRD) in 2012

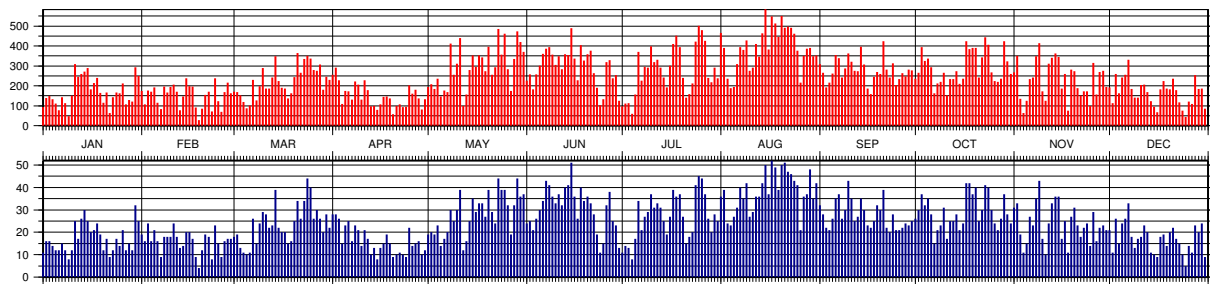


Figure 4.307: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.67.5 Daily number of Full-Rate data (CRD) in 2012

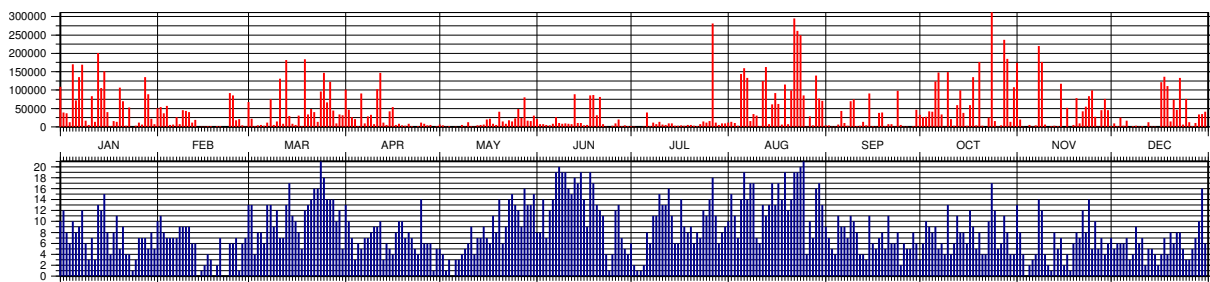


Figure 4.308: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.67.6 Daily number of Normal Points (CSTG) in 2012

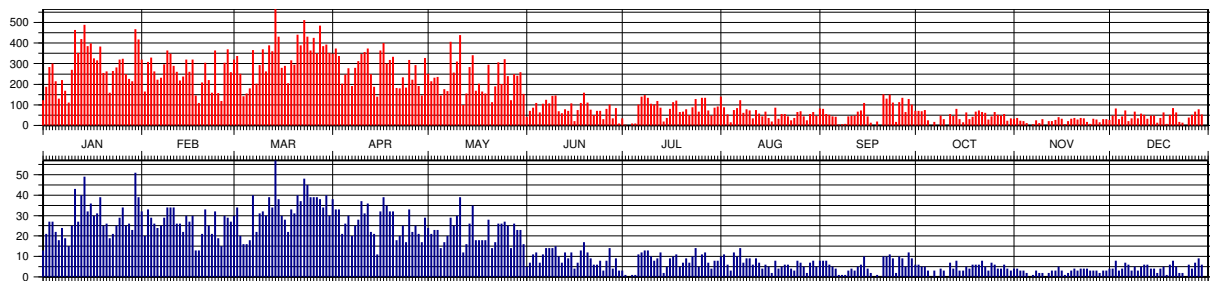


Figure 4.309: Daily number of Normal Points (CSTG) in 2012

4.67.7 Daily number of Full-Rate data (MERIT-II) in 2012

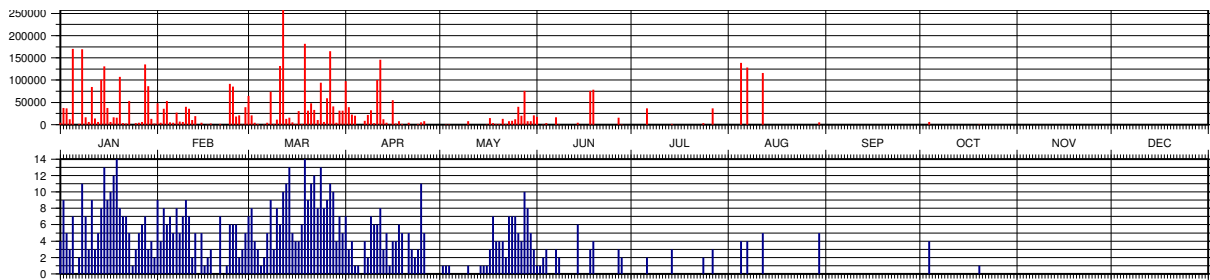


Figure 4.310: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.67.8 Stations tracked Starlette in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Altay, Russia (18799401)	10 ¹ / 1 ²	0 / 0	0 / 0	0 / 0
Arequipa, Peru (74031306)	3344 / 337	0 / 0	645 / 79	0 / 0
Arkhyz, Russia (18869601)	178 / 47	0 / 0	9 / 4	0 / 0
Badary, Russia (18900901)	1035 / 97	0 / 0	15 / 1	0 / 0
Baikonur, Kazakhstan (18879701)	595 / 67	0 / 0	107 / 13	0 / 0
Beijing, China (72496102)	1699 / 223	0 / 0	898 / 93	0 / 0
Changchun, China (72371901)	3469 / 583	11817887 / 572	1838 / 293	4262687 / 229
Concepcion, Chile (74057904)	3615 / 405	402692 / 394	2140 / 234	188629 / 183
Golosiv, Ukraine (18248101)	361 / 69	5456 / 69	371 / 71	0 / 0
Grasse, France (LLR) (78457801)	348 / 27	18521 / 27	154 / 13	0 / 0
Graz, Austria (78393402)	4511 / 366	0 / 0	2126 / 164	0 / 0
Greenbelt, Maryland (71050725)	4492 / 367	0 / 0	3562 / 280	0 / 0
Haleakala, Hawaii (71191402)	1789 / 152	0 / 0	1273 / 111	0 / 0
Hartebeesthoek, South Africa (75010602)	2814 / 275	0 / 0	917 / 90	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	27211 / 20	1403 / 142	0 / 0
Katzively, Ukraine (18931801)	1782 / 200	42543 / 200	318 / 41	739 / 7
Koganei, Japan(CRL) (73085001)	602 / 73	0 / 0	280 / 33	0 / 0
Matera, Italy (MLRO) (79417701)	6694 / 697	704665 / 689	2614 / 268	285943 / 282
McDonald Observatory, Texas (70802419)	913 / 134	0 / 0	401 / 59	0 / 0
Monument Peak, California (71100412)	2375 / 209	0 / 0	1551 / 133	0 / 0
Mt Stromlo, Australia (78259001)	10338 / 1049	6217 / 17	10340 / 1050	0 / 0
Potsdam, Germany (78418701)	3298 / 273	0 / 0	1418 / 117	0 / 0
Riga, Latvia (18844401)	210 / 23	0 / 0	96 / 11	0 / 0
Riyadh, Saudi Arabia (78325501)	0 / 0	0 / 0	5 / 2	49 / 1
San Fernando, Spain (78244502)	1553 / 209	70684 / 207	769 / 121	21523 / 105
San Juan, Argentina (74068801)	4872 / 462	79898 / 399	5075 / 485	0 / 0
Shanghai, China (78212801)	649 / 120	232398 / 2	288 / 48	0 / 0
Simeiz, Ukraine (18734901)	960 / 114	19791 / 114	878 / 103	0 / 0
Simosato, Japan (78383603)	2937 / 203	0 / 0	1026 / 68	0 / 0
Svetloe, Russia (18889801)	20 / 4	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	485 / 43	0 / 0	362 / 27	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	146 / 21	0 / 0
Wetzell, Germany (WLRS) (88341001)	5142 / 575	424916 / 366	3345 / 367	0 / 0
Yarragadee, Australia (70900513)	9987 / 892	0 / 0	5969 / 530	0 / 0
Zelenchukskya, Russia (18899901)	423 / 44	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	7543 / 679	0 / 0	3886 / 332	0 / 0

¹ Number of observations; ² Number of files/passes

4.68 Stella (9306102)

4.68.1 Common Information

Official name:	stella
COSPAR ID:	9306102
SIC Code:	0643
NORAD ID:	22824
Launch Date:	1993-09-26

4.68.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	2249 ¹ / 278 ²	267027 / 91	4154 / 471	192403 / 62	62 ²
February	2160 / 281	643008 / 109	3516 / 429	547114 / 87	57
March	3240 / 393	499037 / 171	5110 / 582	361622 / 88	35
April	2502 / 324	329910 / 122	3878 / 462	239654 / 44	51
May	5231 / 602	500220 / 183	4201 / 488	246353 / 50	61
June	4080 / 484	396412 / 180	1184 / 152	254171 / 12	62
July	5148 / 570	679585 / 206	1307 / 159	369285 / 15	64
August	5326 / 622	1040707 / 190	1102 / 129	129608 / 7	62
September	4505 / 521	608733 / 113	657 / 75	0 / 0	63
October	4545 / 541	584108 / 117	679 / 80	1236 / 3	62
November	2906 / 357	402360 / 90	390 / 43	0 / 0	60
December	2275 / 297	480915 / 94	446 / 61	0 / 0	63
Year	44167 / 5270	6432022 / 1666	26624 / 3131	2341446 / 368	702

¹ Number of observations; ² Number of files/passes

4.68.3 Daily number of Predictions (CPF) in 2012

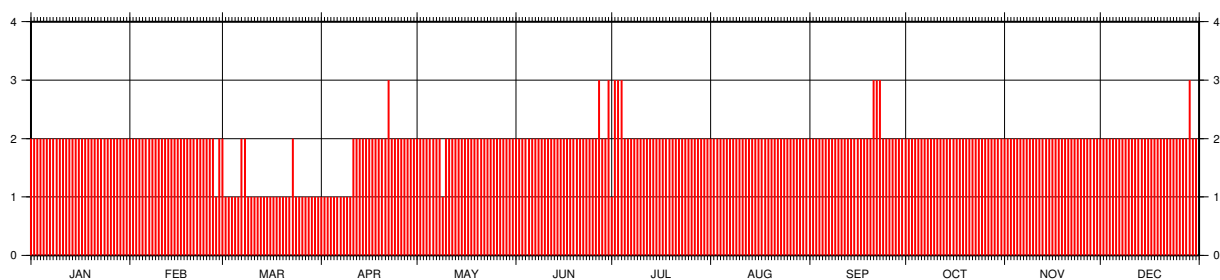


Figure 4.311: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.68.4 Daily number of Normal Points (CRD) in 2012

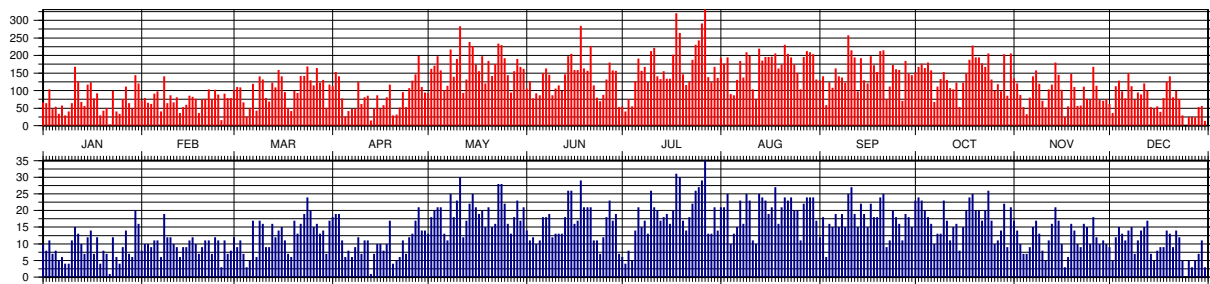


Figure 4.312: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.68.5 Daily number of Full-Rate data (CRD) in 2012

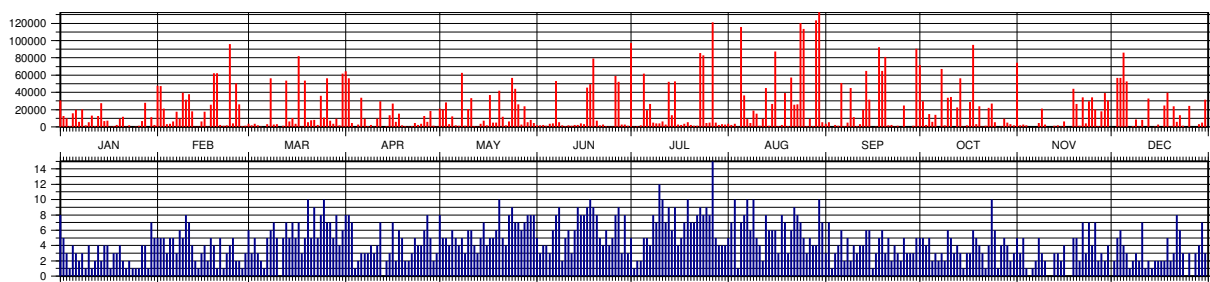


Figure 4.313: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.68.6 Daily number of Normal Points (CSTG) in 2012

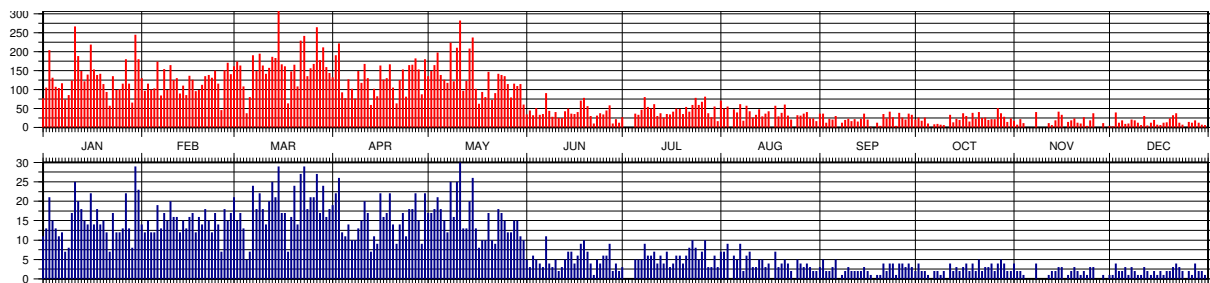


Figure 4.314: Daily number of Normal Points (CSTG) in 2012

4.68.7 Daily number of Full-Rate data (MERIT-II) in 2012

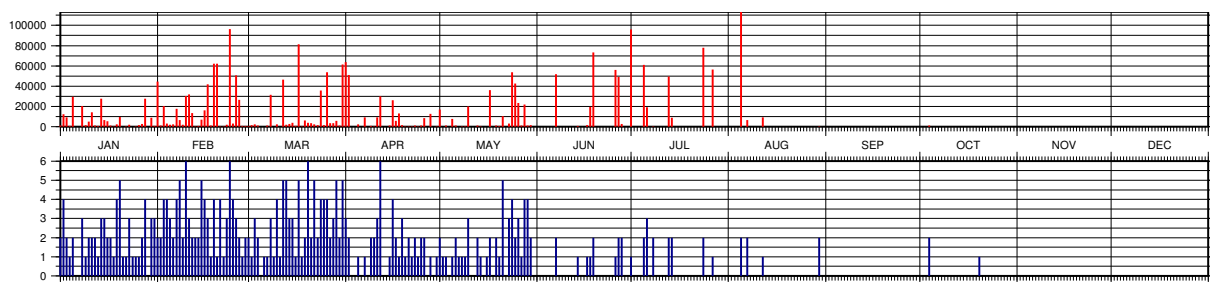


Figure 4.315: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.68.8 Stations tracked Stella in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	2159 ¹ / 250 ²	0 / 0	387 / 53	0 / 0
Arkhyz, Russia (18869601)	37 / 11	0 / 0	16 / 4	0 / 0
Badary, Russia (18900901)	448 / 63	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	608 / 89	0 / 0	247 / 32	0 / 0
Changchun, China (72371901)	1699 / 334	5653955 / 329	886 / 163	2199607 / 123
Concepcion, Chile (74057904)	1041 / 172	110801 / 163	570 / 97	50017 / 83
Golosiv, Ukraine (18248101)	370 / 78	4104 / 78	298 / 62	0 / 0
Grasse, France (LLR) (78457801)	99 / 8	3850 / 8	41 / 3	0 / 0
Graz, Austria (78393402)	3079 / 313	0 / 0	1404 / 152	0 / 0
Greenbelt, Maryland (71050725)	1817 / 196	0 / 0	1578 / 158	0 / 0
Haleakala, Hawaii (71191402)	1132 / 119	0 / 0	638 / 64	0 / 0
Hartebeesthoek, South Africa (75010602)	1313 / 152	0 / 0	456 / 54	0 / 0
Herstmonceux, United Kingdom (78403501)	0 / 0	1908 / 6	680 / 89	0 / 0
Katzively, Ukraine (18931801)	929 / 134	24034 / 134	147 / 21	0 / 0
Koganei, Japan(CRL) (73085001)	108 / 16	0 / 0	62 / 9	0 / 0
Matera, Italy (MLRO) (79417701)	1931 / 243	205063 / 241	735 / 91	75401 / 97
McDonald Observatory, Texas (70802419)	482 / 91	0 / 0	172 / 32	0 / 0
Monument Peak, California (71100412)	848 / 85	0 / 0	592 / 57	0 / 0
Mt Stromlo, Australia (78259001)	4585 / 545	5189 / 9	4585 / 545	0 / 0
Potsdam, Germany (78418701)	2085 / 216	0 / 0	938 / 98	0 / 0
Riga, Latvia (18844401)	280 / 33	0 / 0	161 / 20	0 / 0
San Fernando, Spain (78244502)	718 / 104	38394 / 105	433 / 67	16421 / 65
San Juan, Argentina (74068801)	2710 / 292	44624 / 245	2770 / 298	0 / 0
Shanghai, China (78212801)	475 / 81	72466 / 3	227 / 36	0 / 0
Simeiz, Ukraine (18734901)	497 / 72	7016 / 72	497 / 72	0 / 0
Simosato, Japan (78383603)	1052 / 99	0 / 0	392 / 36	0 / 0
Svetloe, Russia (18889801)	155 / 30	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	435 / 49	0 / 0	277 / 26	0 / 0
Wetzell, Germany (WLRS) (88341001)	3079 / 423	253272 / 264	1963 / 268	0 / 0
Yarragadee, Australia (70900513)	5036 / 513	0 / 0	3020 / 301	0 / 0
Zelenchukskya, Russia (18899901)	167 / 23	0 / 0	0 / 0	0 / 0
Zimmerwald, Switzerland (78106801)	4726 / 429	0 / 0	2385 / 216	0 / 0

¹ Number of observations; ² Number of files/passes

4.69 TanDEM-X (1003001)

4.69.1 Common Information

Official name:	tandemx
COSPAR ID:	1003001
SIC Code:	6202
NORAD ID:	36605
Launch Date:	2010-06-21

4.69.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	2225 ¹ / 146 ²	289306 / 66	4132 / 321	166434 / 56	96 ²
February	2329 / 156	288581 / 68	3825 / 309	276830 / 55	91
March	2773 / 162	58314 / 64	5071 / 379	77862 / 33	106
April	1603 / 100	18817 / 51	3353 / 254	10326 / 15	97
May	5443 / 390	20499 / 73	4148 / 271	826 / 3	87
June	3511 / 244	12127 / 61	1286 / 73	0 / 0	97
July	4670 / 346	30083 / 69	1321 / 70	10157 / 2	100
August	4770 / 354	22592 / 59	1165 / 66	880 / 2	109
September	4313 / 324	27542 / 41	776 / 41	0 / 0	100
October	4763 / 369	197526 / 68	681 / 41	605 / 2	107
November	2576 / 264	158153 / 57	161 / 12	0 / 0	107
December	2841 / 253	275155 / 77	210 / 16	0 / 0	108
Year	41817 / 3108	1398695 / 754	26129 / 1853	543920 / 168	1205

¹ Number of observations; ² Number of files/passes

4.69.3 Daily number of Predictions (CPF) in 2012

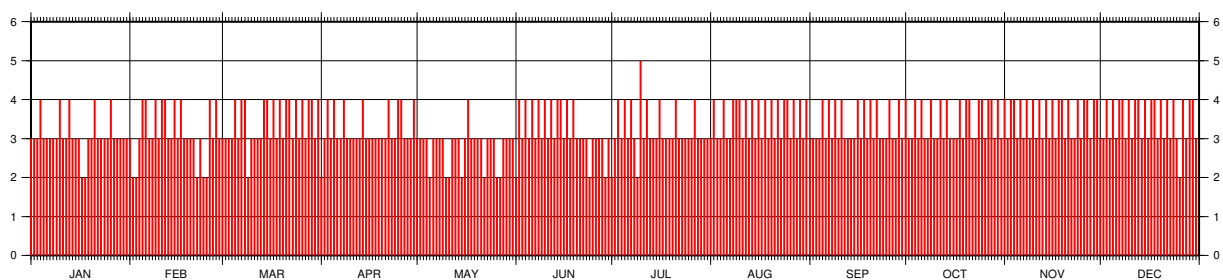


Figure 4.316: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.69.4 Daily number of Normal Points (CRD) in 2012

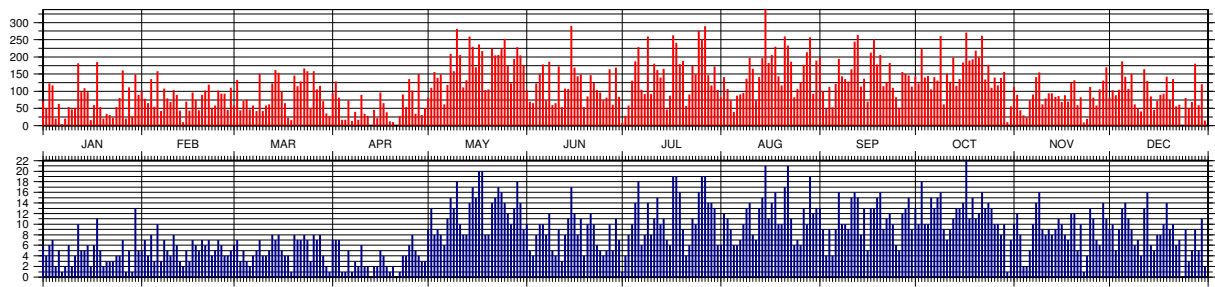


Figure 4.317: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.69.5 Daily number of Full-Rate data (CRD) in 2012

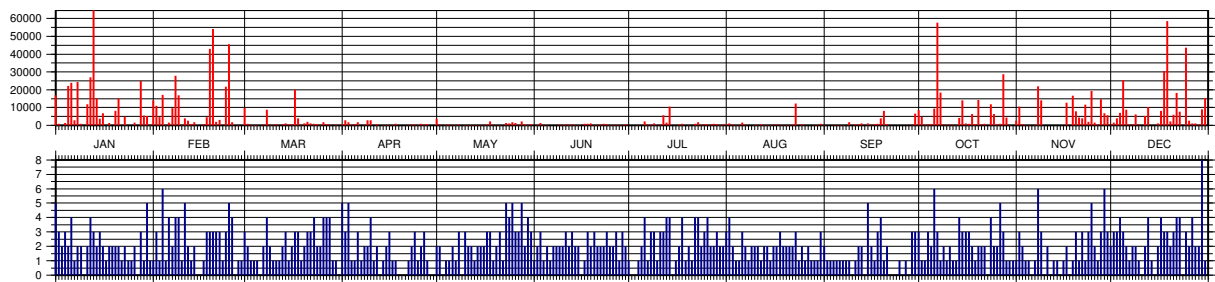


Figure 4.318: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.69.6 Daily number of Normal Points (CSTG) in 2012

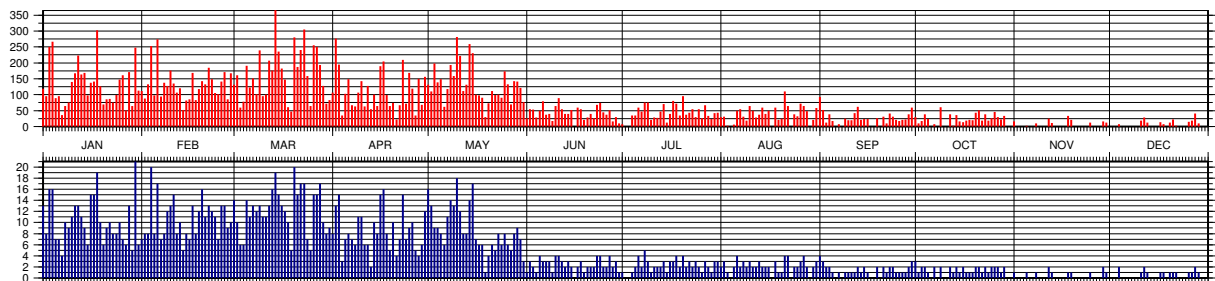


Figure 4.319: Daily number of Normal Points (CSTG) in 2012

4.69.7 Daily number of Full-Rate data (MERIT-II) in 2012

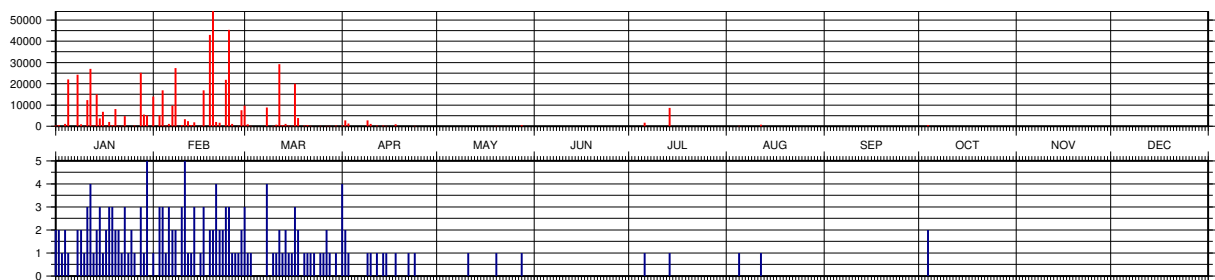


Figure 4.320: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.69.8 Stations tracked TanDEM-X in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	1304 ¹ / 75 ²	0 / 0	167 / 5	0 / 0
Beijing, China (72496102)	203 / 11	0 / 0	53 / 4	0 / 0
Changchun, China (72371901)	2069 / 194	1265816 / 186	1122 / 91	523925 / 73
Concepcion, Chile (74057904)	541 / 51	17923 / 51	283 / 30	7970 / 26
Golosiiv, Ukraine (18248101)	32 / 3	189 / 3	59 / 7	0 / 0
Grasse, France (LLR) (78457801)	85 / 3	1352 / 3	16 / 1	0 / 0
Graz, Austria (78393402)	1278 / 83	0 / 0	772 / 49	0 / 0
Greenbelt, Maryland (71050725)	2555 / 150	0 / 0	2300 / 111	0 / 0
Haleakala, Hawaii (71191402)	608 / 29	0 / 0	261 / 14	0 / 0
Hartebeesthoek, South Africa (75010602)	2017 / 124	0 / 0	587 / 30	0 / 0
Herstmonceux, United Kingdom (78403501)	1264 / 99	19607 / 82	495 / 39	0 / 0
Katzively, Ukraine (18931801)	312 / 25	1120 / 25	244 / 17	248 / 7
Koganei, Japan(CRL) (73085001)	187 / 10	0 / 0	126 / 6	0 / 0
Kunming, China (78208201)	41 / 2	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	1011 / 82	20816 / 83	339 / 32	6913 / 33
Monument Peak, California (71100412)	1660 / 143	0 / 0	840 / 61	0 / 0
Mt Stromlo, Australia (78259001)	5029 / 281	962 / 6	5032 / 281	0 / 0
Potsdam, Germany (78418701)	2419 / 116	0 / 0	1262 / 60	0 / 0
Riga, Latvia (18844401)	187 / 14	0 / 0	125 / 9	0 / 0
San Fernando, Spain (78244502)	791 / 49	15177 / 50	410 / 32	4864 / 29
San Juan, Argentina (74068801)	2998 / 158	13530 / 155	3098 / 164	0 / 0
Shanghai, China (78212801)	83 / 8	0 / 0	45 / 4	0 / 0
Simeiz, Ukraine (18734901)	62 / 3	152 / 3	0 / 0	0 / 0
Svetloe, Russia (18889801)	39 / 2	0 / 0	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	7 / 1	0 / 0	0 / 0	0 / 0
Tanegashima, Japan (73588901)	0 / 0	0 / 0	87 / 9	0 / 0
Wetzell, Germany (WLRS) (88341001)	1970 / 167	42051 / 107	1276 / 104	0 / 0
Yarragadee, Australia (70900513)	6820 / 930	0 / 0	3880 / 543	0 / 0
Zimmerwald, Switzerland (78106801)	6233 / 293	0 / 0	3238 / 148	0 / 0

¹ Number of observations; ² Number of files/passes

4.70 TerraSAR-X (0702601)

4.70.1 Common Information

Official name:	terrasarx
COSPAR ID:	0702601
SIC Code:	6201
NORAD ID:	31698
Launch Date:	2007-06-15

4.70.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	2209 ¹ / 136 ²	235729 / 63	4373 / 329	146910 / 43	120 ²
February	2503 / 149	273321 / 69	4195 / 319	259885 / 48	98
March	2908 / 180	84094 / 77	5166 / 397	78634 / 34	107
April	1732 / 103	25139 / 56	3624 / 273	13574 / 14	105
May	5318 / 403	23689 / 75	3940 / 269	1157 / 3	107
June	4303 / 301	12243 / 75	1489 / 86	0 / 0	107
July	4850 / 384	24644 / 75	1443 / 81	3049 / 2	105
August	5154 / 389	15163 / 62	1059 / 69	488 / 2	108
September	4368 / 349	21117 / 39	755 / 38	0 / 0	108
October	4934 / 391	203410 / 68	612 / 34	376 / 1	109
November	3042 / 290	195681 / 61	162 / 11	0 / 0	108
December	2961 / 266	357588 / 75	379 / 19	0 / 0	111
Year	44282 / 3341	1471818 / 795	27197 / 1925	504073 / 147	1293

¹ Number of observations; ² Number of files/passes

4.70.3 Daily number of Predictions (CPF) in 2012

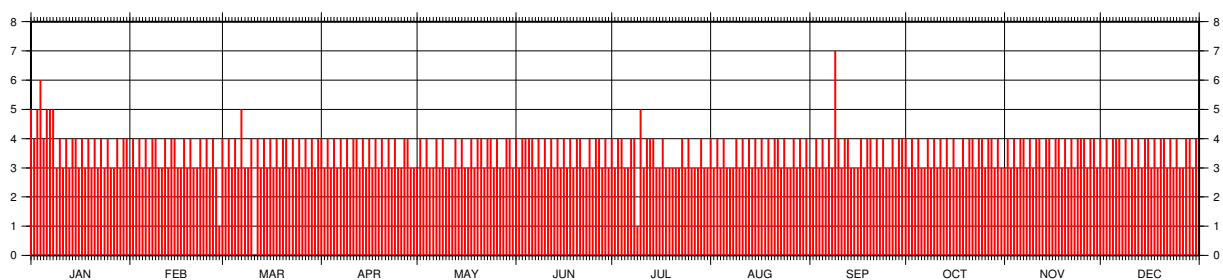


Figure 4.321: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.70.4 Daily number of Normal Points (CRD) in 2012

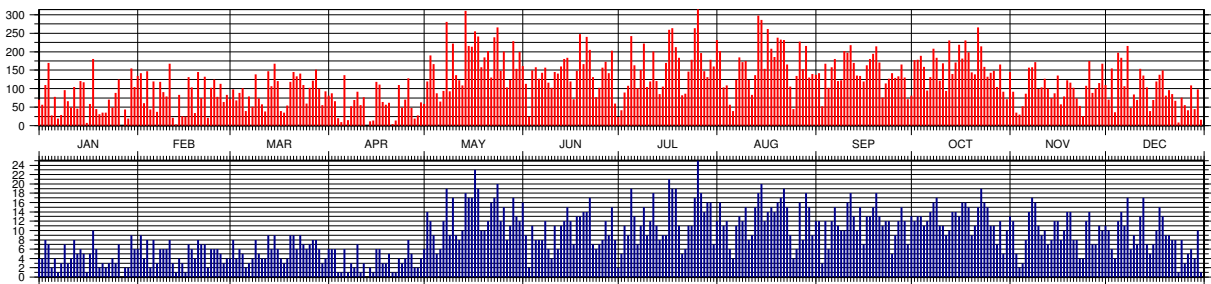


Figure 4.322: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.70.5 Daily number of Full-Rate data (CRD) in 2012

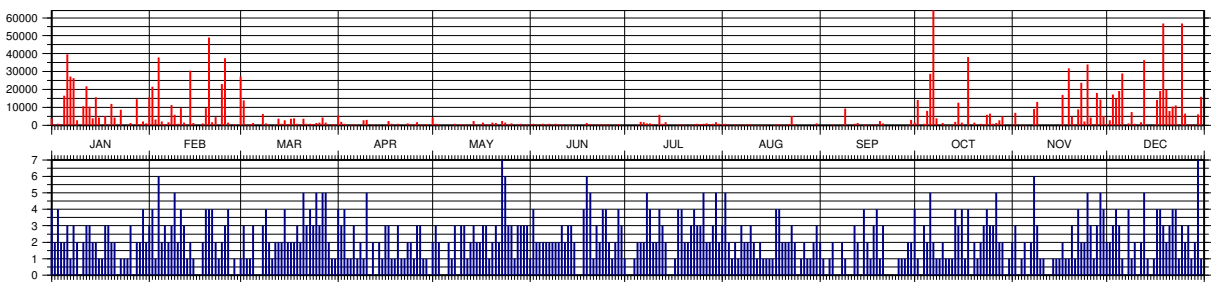


Figure 4.323: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.70.6 Daily number of Normal Points (CSTG) in 2012

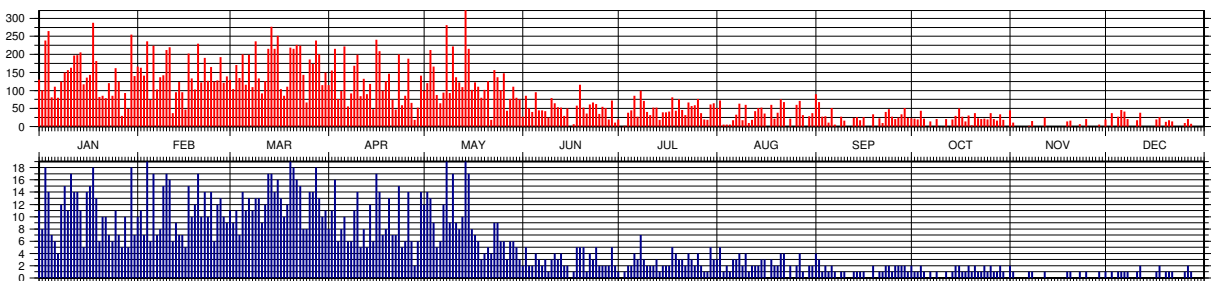


Figure 4.324: Daily number of Normal Points (CSTG) in 2012

4.70.7 Daily number of Full-Rate data (MERIT-II) in 2012

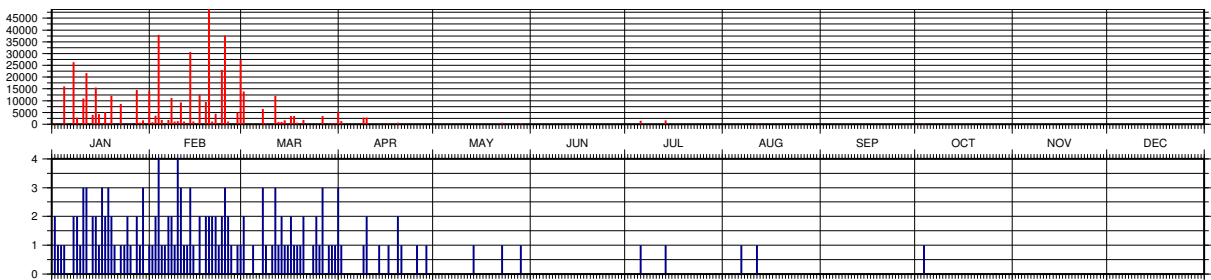


Figure 4.325: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.70.8 Stations tracked TerraSAR-X in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	1929 ¹ / 113 ²	0 / 0	342 / 17	0 / 0
Beijing, China (72496102)	127 / 9	0 / 0	48 / 4	0 / 0
Changchun, China (72371901)	2145 / 199	1322809 / 193	1093 / 95	483949 / 74
Concepcion, Chile (74057904)	740 / 65	25365 / 65	446 / 37	12546 / 28
Golosiiv, Ukraine (18248101)	93 / 10	423 / 10	72 / 10	0 / 0
Grasse, France (LLR) (78457801)	128 / 4	1966 / 4	110 / 3	0 / 0
Graz, Austria (78393402)	1291 / 86	0 / 0	744 / 49	0 / 0
Greenbelt, Maryland (71050725)	2777 / 142	0 / 0	2571 / 116	0 / 0
Haleakala, Hawaii (71191402)	323 / 18	0 / 0	288 / 13	0 / 0
Hartebeesthoek, South Africa (75010602)	1855 / 104	0 / 0	406 / 24	0 / 0
Herstmonceux, United Kingdom (78403501)	1445 / 110	21472 / 92	572 / 44	0 / 0
Katzively, Ukraine (18931801)	287 / 27	955 / 27	185 / 14	259 / 7
Koganei, Japan(CRL) (73085001)	64 / 4	0 / 0	38 / 2	0 / 0
Kunming, China (78208201)	21 / 1	0 / 0	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	634 / 55	11803 / 55	210 / 16	3630 / 18
McDonald Observatory, Texas (70802419)	12 / 4	0 / 0	5 / 2	0 / 0
Monument Peak, California (71100412)	2340 / 196	0 / 0	918 / 79	0 / 0
Mt Stromlo, Australia (78259001)	4690 / 251	2865 / 8	4690 / 251	0 / 0
Potsdam, Germany (78418701)	3143 / 138	0 / 0	1577 / 67	0 / 0
Riga, Latvia (18844401)	171 / 12	0 / 0	121 / 7	0 / 0
San Fernando, Spain (78244502)	701 / 37	12967 / 37	264 / 21	3689 / 20
San Juan, Argentina (74068801)	3187 / 164	13632 / 161	3368 / 172	0 / 0
Shanghai, China (78212801)	106 / 8	0 / 0	53 / 3	0 / 0
Simeiz, Ukraine (18734901)	21 / 1	85 / 1	0 / 0	0 / 0
Tahiti, French Polynesia (71240802)	44 / 2	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	2511 / 211	57065 / 141	1779 / 140	0 / 0
Yarragadee, Australia (70900513)	7761 / 1057	0 / 0	4366 / 588	0 / 0
Zimmerwald, Switzerland (78106801)	5702 / 311	0 / 0	2897 / 149	0 / 0

¹ Number of observations; ² Number of files/passes

4.71 Westpac (9804301)

4.71.1 Common Information

Official name:	westpa1
COSPAR ID:	9804301
SIC Code:	8801
NORAD ID:	25394
Launch Date:	—

4.71.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	10 / 1	0 / 0	0
March	0 / 0	0 / 0	15 / 2	0 / 0	0
April	0 / 0	0 / 0	0 / 0	0 / 0	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	0 / 0	0 / 0	0 / 0	0 / 0	0
August	0 / 0	0 / 0	0 / 0	0 / 0	0
September	0 / 0	0 / 0	0 / 0	0 / 0	0
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	0 / 0	0 / 0	25 / 3	0 / 0	0

¹ Number of observations; ² Number of files/passes

4.71.3 Daily number of Predictions (CPF) in 2012

No data available in 2012!

4.71.4 Daily number of Normal Points (CRD) in 2012

No data available in 2012!

4.71.5 Daily number of Full-Rate data (CRD) in 2012

No data available in 2012!

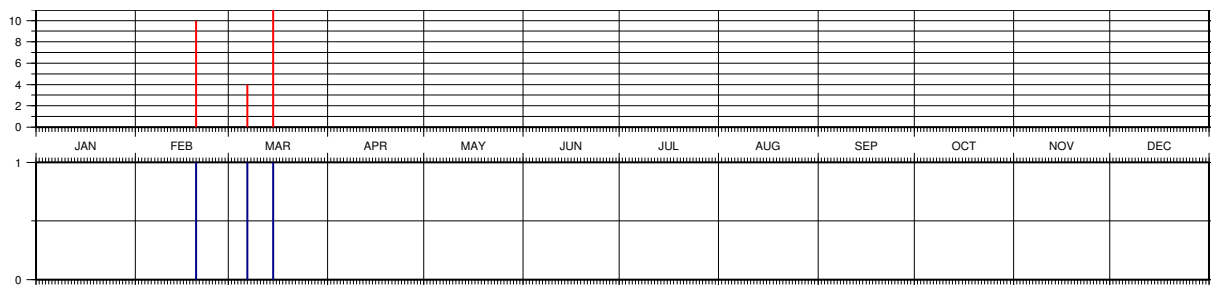
4.71.6 Daily number of Normal Points (CSTG) in 2012

Figure 4.326: Daily number of Normal Points (CSTG) in 2012

4.71.7 Daily number of Full-Rate data (MERIT-II) in 2012

No data available in 2012!

4.71.8 Stations tracked Westpac in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Yarragadee, Australia (70900513)	0 ¹ / 0 ²	0 / 0	25 / 3	0 / 0

¹ Number of observations; ² Number of files/passes

4.72 ZY-3 (1200101)

4.72.1 Common Information

Official name:	zy3
COSPAR ID:	1200101
SIC Code:	2202
NORAD ID:	38046
Launch Date:	2012-01-09

4.72.2 Monthly and Yearly Data Holding

	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)	Pred. (CPF)
Januar	0 ¹ / 0 ²	0 / 0	0 / 0	0 / 0	0 ²
February	0 / 0	0 / 0	0 / 0	0 / 0	0
March	0 / 0	0 / 0	0 / 0	0 / 0	0
April	0 / 0	0 / 0	0 / 0	11180 / 1	0
May	0 / 0	0 / 0	0 / 0	0 / 0	0
June	0 / 0	0 / 0	0 / 0	0 / 0	0
July	666 / 74	182136 / 45	212 / 28	108995 / 6	22
August	646 / 72	187867 / 27	106 / 14	18610 / 3	25
September	26 / 2	0 / 0	0 / 0	0 / 0	3
October	0 / 0	0 / 0	0 / 0	0 / 0	0
November	0 / 0	0 / 0	0 / 0	0 / 0	0
December	0 / 0	0 / 0	0 / 0	0 / 0	0
Year	1338 / 148	370003 / 72	318 / 42	138785 / 10	50

¹ Number of observations; ² Number of files/passes

4.72.3 Daily number of Predictions (CPF) in 2012

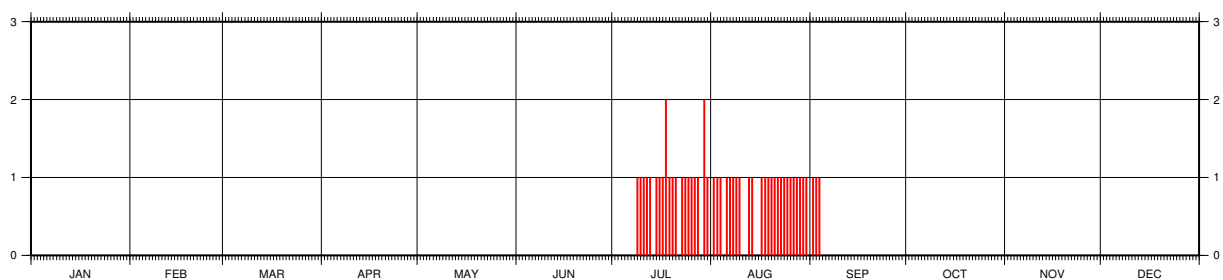


Figure 4.327: Daily number of Predictions (CPF) (red) and files/passes (blue) in 2012

4.72.4 Daily number of Normal Points (CRD) in 2012

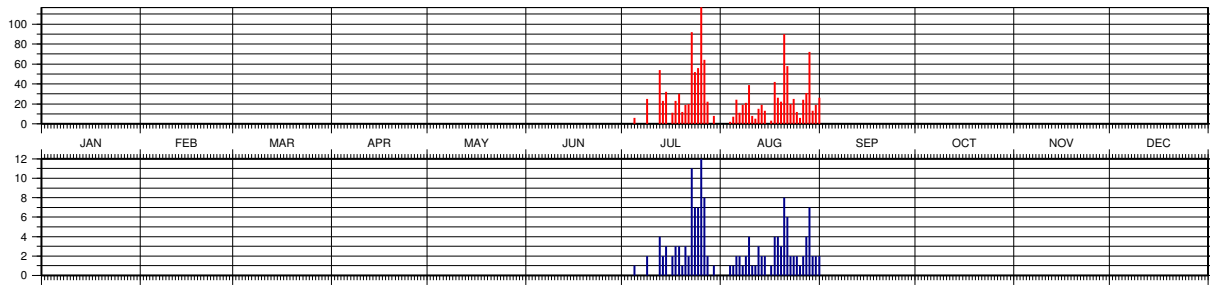


Figure 4.328: Daily number of Normal Points (CRD) (red) and files/passes (blue) in 2012

4.72.5 Daily number of Full-Rate data (CRD) in 2012

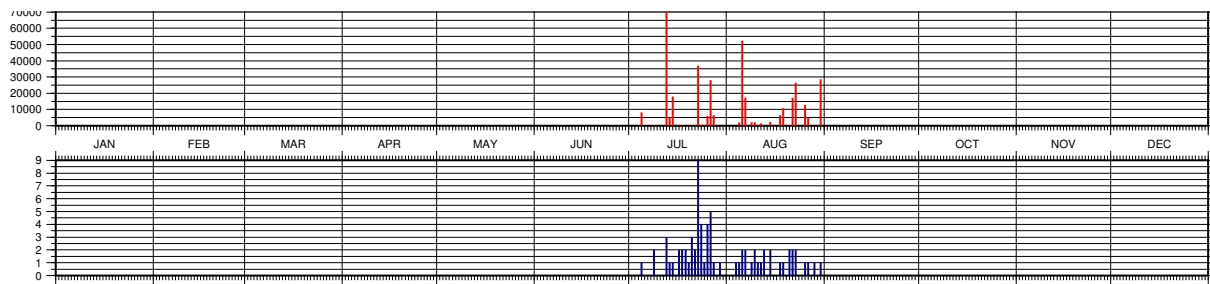


Figure 4.329: Daily number of Full-Rate (CRD) (red) and files/passes (blue) in 2012

4.72.6 Daily number of Normal Points (CSTG) in 2012

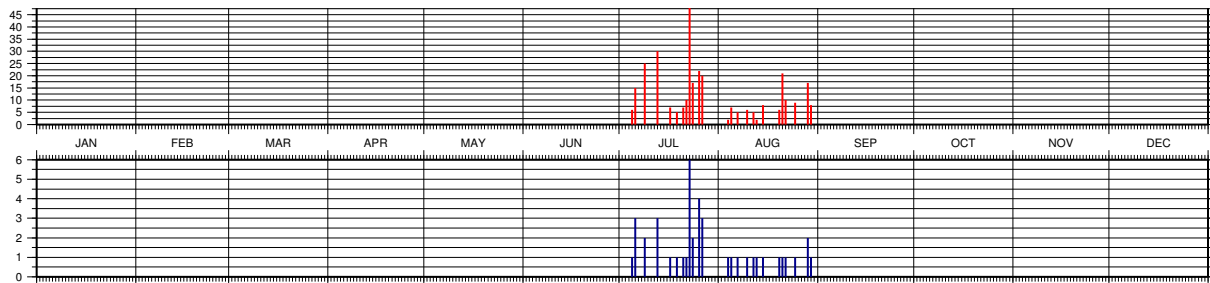


Figure 4.330: Daily number of Normal Points (CSTG) in 2012

4.72.7 Daily number of Full-Rate data (MERIT-II) in 2012

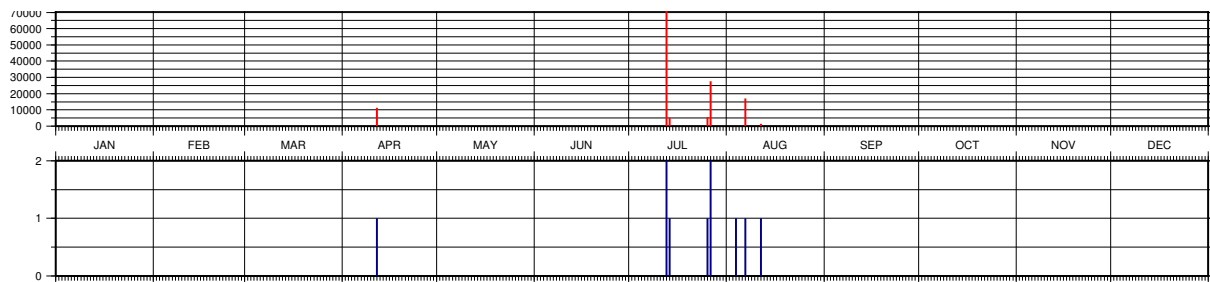


Figure 4.331: Daily number of Full-Rate (MERIT-II) (red) and files/passes (blue) in 2012

4.72.8 Stations tracked ZY-3 in 2012

Satellite	NPT (CRD)	FRD (CRD)	NP (CSTG)	FR (MERIT)
Arequipa, Peru (74031306)	25 ¹ / 3 ²	0 / 0	0 / 0	0 / 0
Beijing, China (72496102)	23 / 2	0 / 0	0 / 0	0 / 0
Changchun, China (72371901)	184 / 26	309926 / 26	108 / 17	138785 / 10
Graz, Austria (78393402)	121 / 11	0 / 0	0 / 0	0 / 0
Greenbelt, Maryland (71050725)	122 / 10	0 / 0	0 / 0	0 / 0
Haleakala, Hawaii (71191402)	25 / 2	0 / 0	0 / 0	0 / 0
Hartebeesthoek, South Africa (75010602)	58 / 8	0 / 0	0 / 0	0 / 0
Katzively, Ukraine (18931801)	128 / 16	1621 / 16	0 / 0	0 / 0
Matera, Italy (MLRO) (79417701)	14 / 3	1078 / 4	0 / 0	0 / 0
Monument Peak, California (71100412)	23 / 2	0 / 0	0 / 0	0 / 0
Mt Stromlo, Australia (78259001)	34 / 6	0 / 0	34 / 6	0 / 0
Potsdam, Germany (78418701)	31 / 3	0 / 0	0 / 0	0 / 0
San Fernando, Spain (78244502)	34 / 5	760 / 5	0 / 0	0 / 0
San Juan, Argentina (74068801)	83 / 7	658 / 6	83 / 7	0 / 0
Shanghai, China (78212801)	50 / 8	54266 / 4	7 / 1	0 / 0
Simeiz, Ukraine (18734901)	69 / 8	307 / 8	63 / 8	0 / 0
Tahiti, French Polynesia (71240802)	5 / 1	0 / 0	0 / 0	0 / 0
Wetzell, Germany (WLRS) (88341001)	56 / 10	1387 / 3	23 / 3	0 / 0
Yarragadee, Australia (70900513)	253 / 17	0 / 0	0 / 0	0 / 0

¹ Number of observations; ² Number of files/passes