

2019

2019

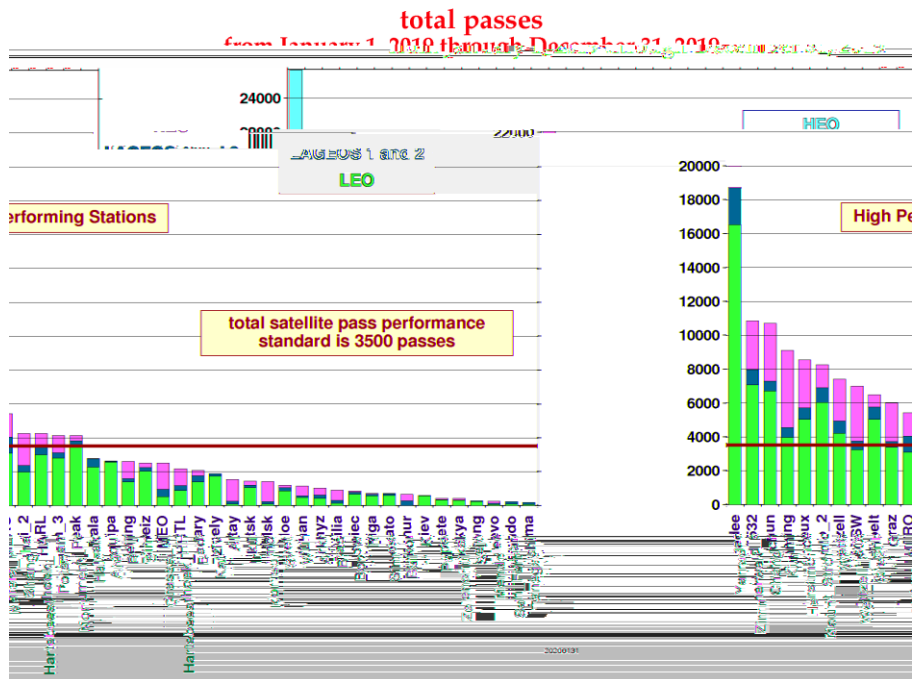
SLR

1

1.1 2019 SLR

2019

2019



1.1.1

2019

KHz

17446

4.3

2018

4886

2752

911

200

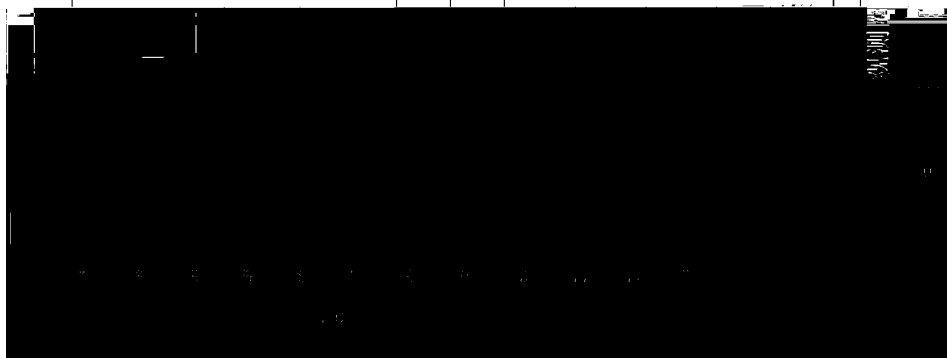
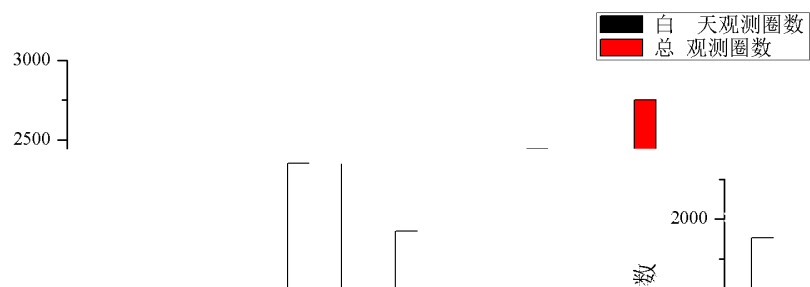
1.1.1 2019

SLR

1.1.1 2019

SLR

1	265	1617	1882
2	106	444	550
3	339	887	1226
4	498	1098	1596
5	298	764	1062
6	158	458	616
7	209	346	555
8	131	360	491
9	911	1531	2442
10	718	1638	2356
11	786	1966	2752
12	477	1451	1928
	4896	12560	17456



1.1.2 2019

SLR

1.2

2019	100		
39	LAGEOS-1	LAGEOS-2	59
	GPS		
GLONASS	QZSS	IRNSS	

1.3

2019

1.3.1 2019

Beidou3m2	76
Beidou3m3	75
Beidou3m9	84
Beidou3m10	91
COMPASS-G1	164
COMPASS-I3	97
COMPASS-I5	89
COMPASS-M3	67
COMPASS-I6B	109
HY-2A	355
HY-2B	374
X1	167
X2	133
Tiangong2	1
	1882

1.4 2019

ILRS

7

Galileo-221 Galileo-222

Glonass139

Beidou3m2 Beidou3m3 Beidou3m9 Beidou3m10

1.4.1 2019

	km	pass
Galileo-221	23220km	38
Galileo-222		34
Glonass139	19140km	119
Beidou3m10	21500km	91
Beidou3m9		84
Beidou3m2		76
Beidou3m3		75

1.5 2019

2019

17446

4.39

2018

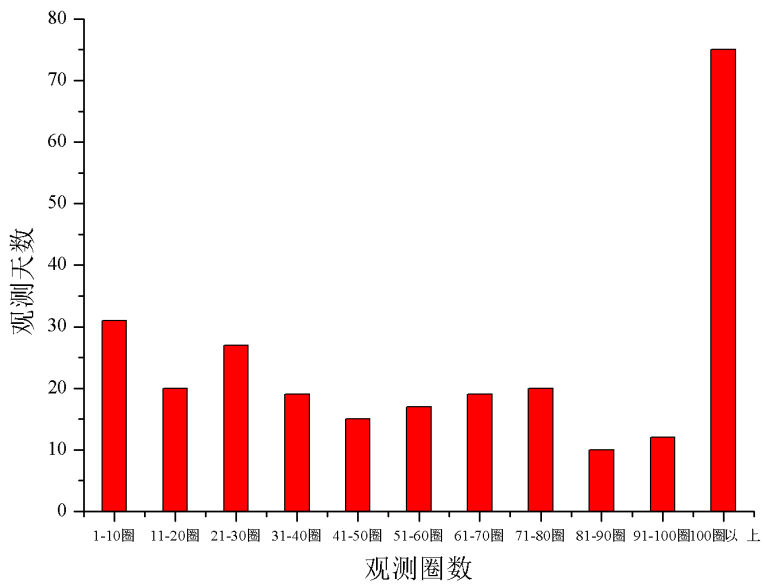
1.5.1 2018 2019

	2018	2019	2019	2018
	207237510	360892887	1.74	
LAGEOS	16596499	39703204	2.39	
	12093619	38651016	3.20	
	235927628	439247107	1.86	

5	25
6	19
7	19
8	9
9	27
10	26
11	24
12	27
	265

1.6.2. 2019

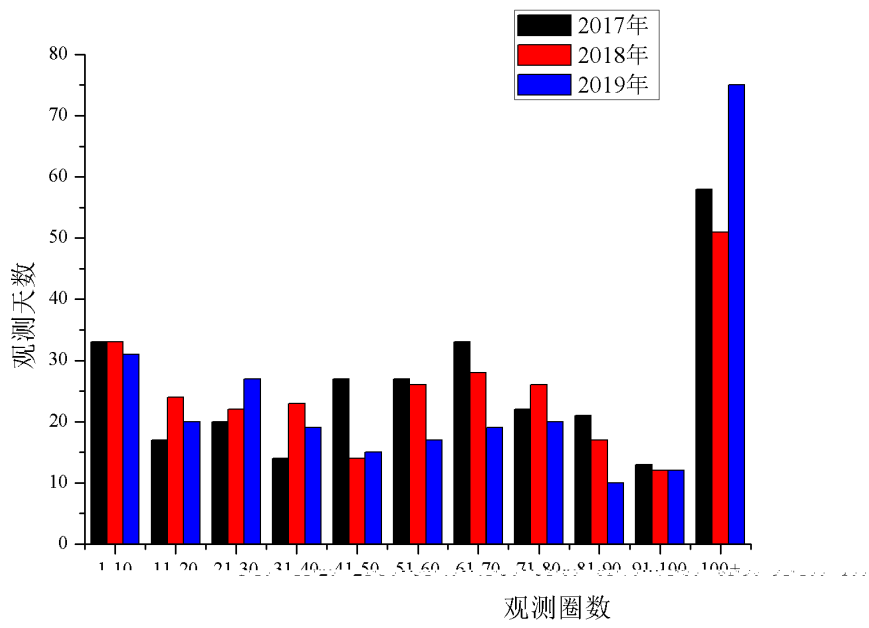
	2019
1 -10	31



1.6.1 2019

1.6.3.

	2017	2018	2019
1 -10	33	33	31
11 -20	17	24	20
21 -30	20	22	27
31 -40	14	23	19
41 -50	27	14	15
51 -60	27	26	17
61 -70	33	28	19
71 -80	22	26	20
81 -90	21	17	10
91 -100	13	12	12
100	58	51	75
	285	276	265



1.6.2

2

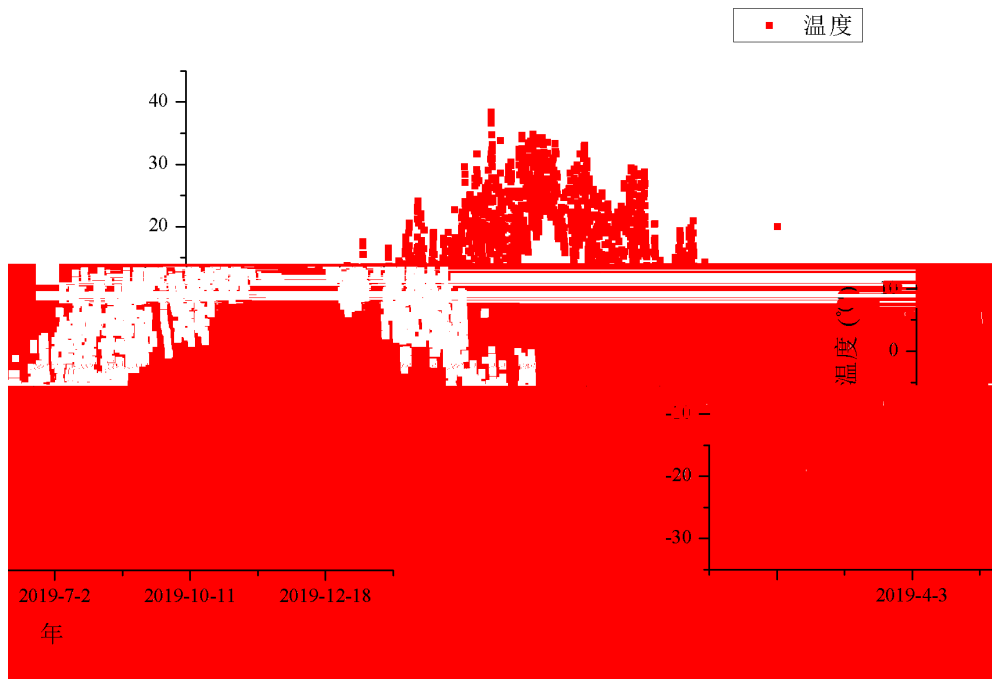
43.7905

274.2

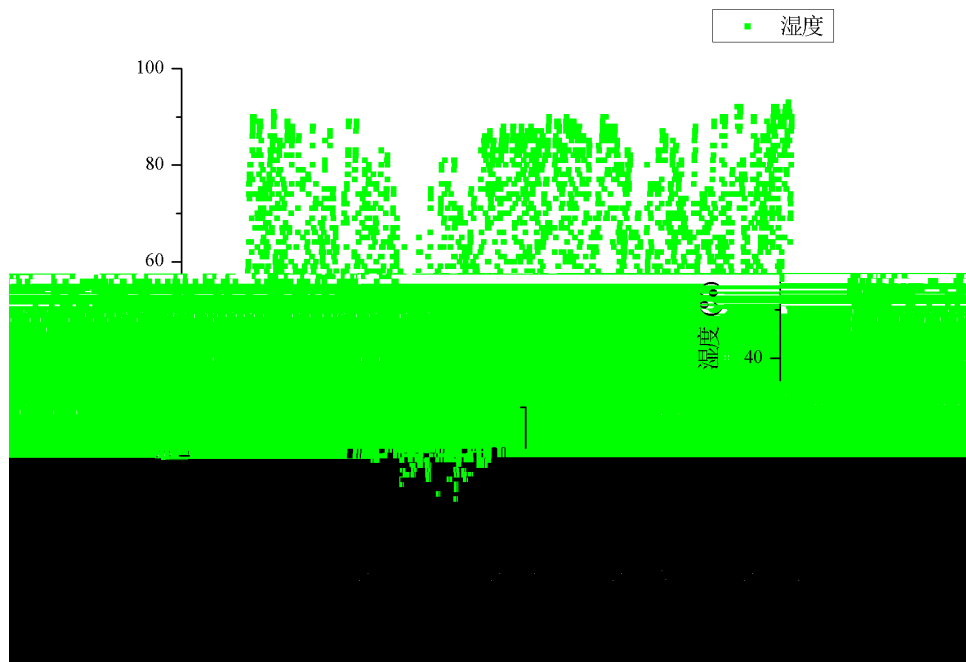
0

-26

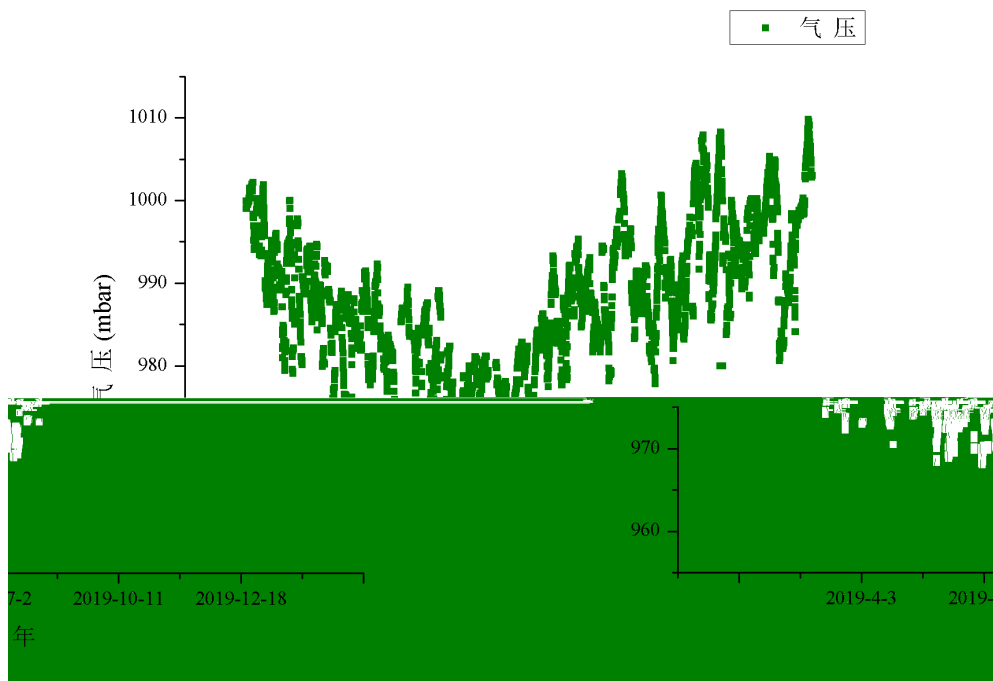
38.3



1.6.3 2019



1.6.4 2019



1.6.5 2019

1.7

1 2019 SLR

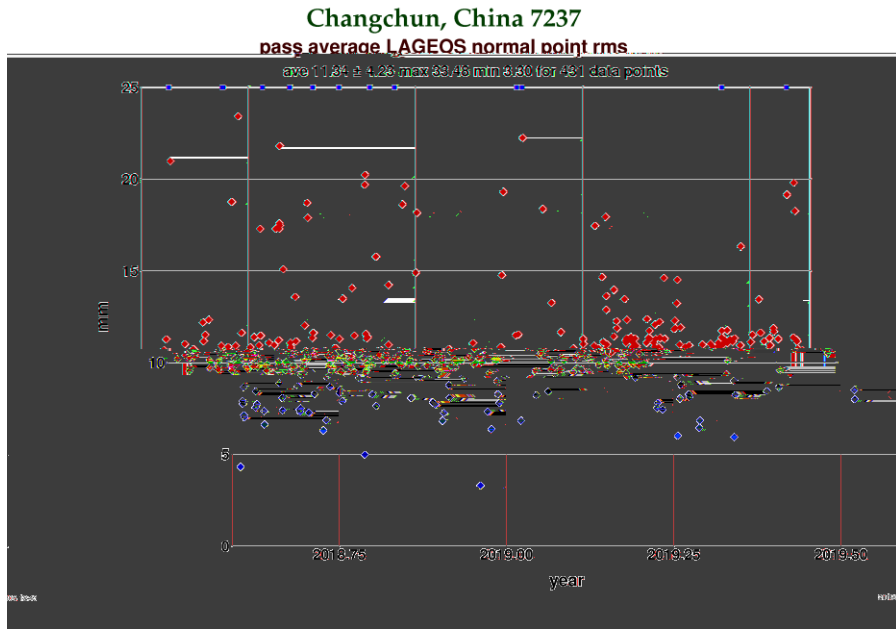
KHz SLR

2019

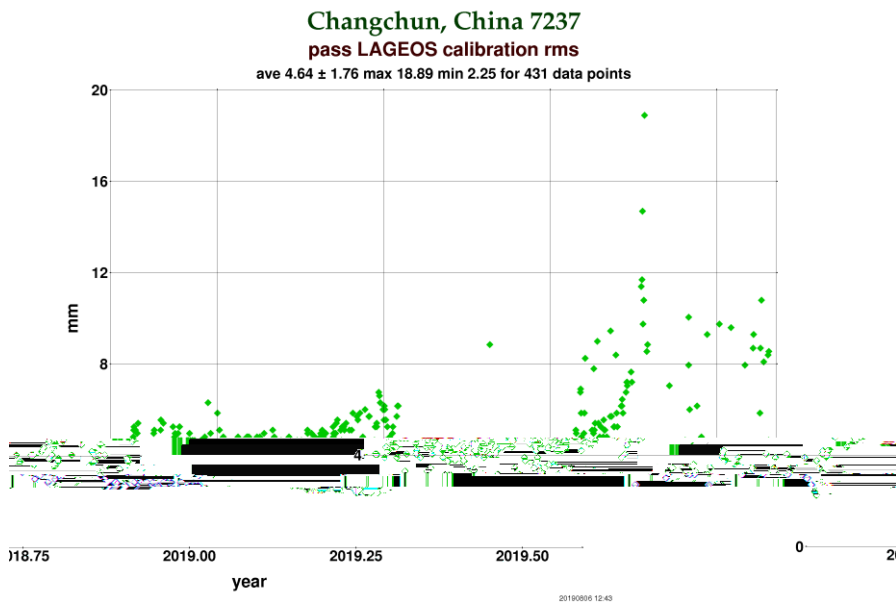
LAGEOS

1.7.1

1.7.2



1.7.1 2019 LAGEOS



1.7.2 2019 LAGEOS

2

2019

1

2

LD

3

3

2019

SLR

17446

4886

2019

LD

2019

SLR