



# GMP验证报告

## GMP VERIFICATION REPORT

**验证企业:** 北京福元医药股份有限公司

**验证地址:** 北京通州区漷城西三路与漷兴西四街交叉口西北320米

**验证对象:** 福元\_阴凉库(一)\_22E022

**温控信息:** 10.0℃~30.0℃

**验证性质:** 改造后验证

**验证环境:** 低温

**验证类别:** 满载

**验证项目:**

存储空间温度的偏差、均匀度和波动度确认  
温度监测系统配置的测点终端安装位置确认  
设备故障或外部供电中断的状况下温控库房保温性能及变化趋势确定  
开门作业对温控库房温度分布影响的确认  
本地区高温或低温等极端外部环境条件下的温度稳定性确认

**验证实施日期:**

**签发:**

### 验证标准和技术要求:

依照《WHO第961号技术报告附录9:时间和温度敏感的药品的贮运指南技术补充之温控存贮区的确认》、《药品生产质量管理规范(2010年修订)》、《中华人民共和国药品管理法》、《中华人民共和国药品管理法实施条例》、《药品经营质量管理规范》(GSP)及附录五《验证管理》、《GBT34399-2025医药产品冷链物流温控设施设备验证性能确认技术规范的要求》。

### 适用范围:

冷库及全部温湿度调节设施。

**北京世福宝科技有限公司**

Beijing SEVOBO Technology Co., Ltd



系统名称及版本号: 世福宝GSP/GMP冷链物流温控验证实时云系统  
V1.0

公司地址: 北京市通州区马驹桥联东U谷西区11B

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**签发日期:**

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## 1 参与人员及培训记录

### 1.1 验证报告的起草、审核与批准

职责	姓名	职务	企业	签名
起草	李代万	经理	北京世福宝科技有限公司	
校对	王飞	验证专员	北京世福宝科技有限公司	
审核	金澜	验证管理部负责人	北京福元医药股份有限公司	
审核	李天	质量保证部	北京福元医药股份有限公司	
审核	张富源	储运部经理	北京福元医药股份有限公司	
审核	杨磊	设备动力部总监	北京福元医药股份有限公司	
审核	刘年永	生产总监	北京福元医药股份有限公司	
批准	贾俊	质量负责人	北京福元医药股份有限公司	

### 1.2 验证参与人员

职责	姓名	职务	企业	签名
组长	贾俊	质量负责人	北京福元医药股份有限公司	
副组长	李代万		北京世福宝科技有限公司	
副组长	****		北京福元医药股份有限公司	
组员	王飞		北京世福宝科技有限公司	
组员	王猛		北京世福宝科技有限公司	
组员	居文贤		北京世福宝科技有限公司	

职责	姓名	职务	企业	签名
组员	郝晓雅		北京世福宝科技 有限公司	

### 1.3 培训记录

## 2 验证目的

1. 建立阴凉库温湿度验证方案，检查并确认阴凉库内温湿度计放置是否合理，证明阴凉库是否能达到规定的温度和湿度的要求。
2. 对阴凉库日常监控点的位置确认
3. 阴凉库温度分布均匀度的确认，验证该库能够达到设定的温度要求，从而满足GMP管理要求。

## 3 验证依据

1. WHO第961号技术报告附录9：《时间和温度敏感的药品的贮运指南技术补充之温控存贮区的确认》；
2. 《药品生产质量管理规范（2019年修订）》；《中华人民共和国药品管理法》、《中华人民共和国药品管理法实施条例》；《药品经营质量管理规范》（GSP）及附录五《验证管理》、《GBT34399-2017医药产品冷链物流温控设施设备验证性能确认技术规范的要求》。
3. 验证实施标准：
  - （1）成品阴凉库的温度控制范围：<20℃。
  - （2）成品阴凉库的湿度控制范围：45%-75%。

## 4 验证规程

1. 概述：部分成品或者物料在贮存的过程中，有温湿度的要求，在成品或者物料贮存过程中，仓库的温湿度是否符合成品或者物料贮存的要求，需进行验证。
2. 验证目的要求
  - （1）检查资料 and 文件是否符合GMP管理要求。
  - （2）检查并确认成品阴凉库空调安装是否符合设计要求。
  - （3）检查并确认成品阴凉库空调运行是否符合设计要求。
  - （4）检查并确认成品阴凉库温度和湿度是否符合《WHO第961号技术报告附录9：时间和温度敏感的药品的贮运指南技术补充之温控存贮区的确认》仓储要求。

## 5 本次验证所用主要测量设备

### 5.1 验证设备标准

1. 用于检测成品阴凉库的温湿度传感器需经过合法的校验，并具有合格证书。
2. 验证所使用的温度传感器应当适用被验证设备的测量范围，温度测量范围在-10℃-45℃之间，温度的最大允许误差为±0.5℃；湿度测量范围在0%-95%之间，湿度的最大允许误差为

±3%。

## 5.2 验证设备描述

型号	品牌	温度测量范围	温度精度	湿度测量范围	湿度精度
SVB-YZ-REC-03	世福宝	-30° C~75° C	+0.5℃ (≥0℃时); ±1℃ (<0℃时)	0%-95%	±3%

## 5.3 验证设备清单

序号	型号	设备号	校准单位	校准证书	有效期	校准结果
1	SVB-REC-03	SF304080100022405078033803	济南市计量检定测试院	25001484035G1	2026-12-11	合格
2	SVB-REC-03	SF304080100022405078074803	济南市计量检定测试院	25001464009G1	2026-12-11	合格
3	SVB-REC-03	SF304080100022405078141803	济南市计量检定测试院	25001483996G1	2026-12-11	合格
4	SVB-REC-03	SF304080100022405078109803	济南市计量检定测试院	25001484043G1	2026-12-11	合格
5	SVB-REC-03	SF304080100022405078193803	济南市计量检定测试院	25001483979G1	2026-12-11	合格
6	SVB-REC-03	SF304080100022405078018803	济南市计量检定测试院	25001484012G1	2026-12-11	合格
7	SVB-REC-03	SF304080100022405078131803	济南市计量检定测试院	25001483984G1	2026-12-11	合格
8	SVB-REC-03	SF304080100022405078120803	济南市计量检定测试院	25001484095G1	2026-12-11	合格

序号	型号	设备号	校准单位	校准证书	有效期	校准结果
9	SVB-REC-03	SF304080100022405078175803	济南市计量检定测试院	25001483966G1	2026-12-11	合格
10	SVB-REC-03	SF304080100022405078062803	济南市计量检定测试院	25001484078G1	2026-12-11	合格
11	SVB-REC-03	SF304080100022405078020803	济南市计量检定测试院	25001484045G1	2026-12-11	合格
12	SVB-REC-03	SF304080100022405078041803	济南市计量检定测试院	25001484061G1	2026-12-11	合格
13	SVB-REC-03	SF304080100022405078164803	济南市计量检定测试院	25001483995G1	2026-12-11	合格
14	SVB-REC-03	SF304080100022405078001803	济南市计量检定测试院	25001484029G1	2026-12-11	合格
15	SVB-REC-03	SF304080100022405078166803	济南市计量检定测试院	25001483963G1	2026-12-11	合格
16	SVB-REC-03	SF304080100022405078132803	济南市计量检定测试院	25001483993G1	2026-12-11	合格
17	SVB-REC-03	SF304080100022405078027803	济南市计量检定测试院	25001484079G1	2026-12-11	合格
18	SVB-REC-03	SF304080100022405078036803	济南市计量检定测试院	25001484065G1	2026-12-11	合格
19	SVB-REC-03	SF304080100022405078118803	济南市计量检定测试院	25001484091G1	2026-12-11	合格

序号	型号	设备号	校准单位	校准证书	有效期	校准结果
20	SVB-REC-03	SF304080100022405078196803	济南市计量检定测试院	25001483978G1	2026-12-11	合格
21	SVB-REC-03	SF304080100022405078170803	济南市计量检定测试院	25001483983G1	2026-12-11	合格
22	SVB-REC-03	SF304080100022405078149803	济南市计量检定测试院	25001483958G1	2026-12-11	合格
23	SVB-REC-03	SF304080100022405078173803	济南市计量检定测试院	25001484002G1	2026-12-11	合格
24	SVB-REC-03	SF304080100022405078190803	济南市计量检定测试院	25001483956G1	2026-12-11	合格
25	SVB-REC-03	SF304080100022405078072803	济南市计量检定测试院	25001484052G1	2026-12-11	合格
26	SVB-REC-03	SF304080100022405078100803	济南市计量检定测试院	25001484039G1	2026-12-11	合格
27	SVB-REC-03	SF304080100022405078022803	济南市计量检定测试院	25001484056G1	2026-12-11	合格
28	SVB-REC-03	SF304080100022405078006803	济南市计量检定测试院	25001484042G1	2026-12-11	合格
29	SVB-REC-03	SF304080100022405078112803	济南市计量检定测试院	25001484053G1	2026-12-11	合格
30	SVB-REC-03	SF304080100022405078037803	济南市计量检定测试院	25001484070G1	2026-12-11	合格

序号	型号	设备号	校准单位	校准证书	有效期	校准结果
31	SVB-REC-03	SF304080100022405078044803	济南市计量检定测试院	25001484015G1	2026-12-11	合格
32	SVB-REC-03	SF304080100022405078176803	济南市计量检定测试院	25001483975G1	2026-12-11	合格
33	SVB-REC-03	SF304080100022405078128803	济南市计量检定测试院	25001484019G1	2026-12-11	合格
34	SVB-REC-03	SF304080100022405078038803	济南市计量检定测试院	25001484062G1	2026-12-11	合格
35	SVB-REC-03	SF304080100022405078200803	济南市计量检定测试院	25001484004G1	2026-12-11	合格
36	SVB-REC-03	SF304080100022405078188803	济南市计量检定测试院	25001483961G1	2026-12-11	合格
37	SVB-REC-03	SF304080100022405078046803	济南市计量检定测试院	25001484016G1	2026-12-11	合格
38	SVB-REC-03	SF304080100022405078087803	济南市计量检定测试院	25001484040G1	2026-12-11	合格
39	SVB-REC-03	SF304080100022405078054803	济南市计量检定测试院	25001484076G1	2026-12-11	合格
40	SVB-REC-03	SF304080100022405078135803	济南市计量检定测试院	25001483973G1	2026-12-11	合格
41	SVB-REC-03	SF304080100022405078144803	济南市计量检定测试院	25001483982G1	2026-12-11	合格

序号	型号	设备号	校准单位	校准证书	有效期	校准结果
42	SVB-REC-03	SF304080100022405078063803	济南市计量检定测试院	25001484047G1	2026-12-11	合格
43	SVB-REC-03	SF304080100022405078194803	济南市计量检定测试院	25001483965G1	2026-12-11	合格
44	SVB-REC-03	SF304080100022405078085803	济南市计量检定测试院	25001484007G1	2026-12-11	合格
45	SVB-REC-03	SF304080100022405078184803	济南市计量检定测试院	25001483955G1	2026-12-11	合格
46	SVB-REC-03	SF304080100022405078156803	济南市计量检定测试院	25001483985G1	2026-12-11	合格

## 6 验证对象

### 6.1 对象说明

名称	福元_阴凉库（一）_22E022
长宽高(mm)	8m*6.53m*4.5m
面积(平米)	52.24
验证范围	10.0℃~30.0℃
验证状态	改造后验证

## 7 验证实施前准备及检查

检查人	
复核人	
确认结果	
确认人/日期	

### 7.1 系统条件确认

空调设备及仓库设计图情况确认表

序号	确认对象	检查标准	存放部门	确认结论
1	仓库平面布置图	应有	工程设备安全部	
2	仓库平面布置设计说明	应有	工程设备安全部	
3	空调运行	可运行	成品阴凉库	

## 7.2 文件要求确认

验证用相关文件确认表

序号	文件名称	文件编号	起草人	审核人	批准人	执行日
1	仓储管理规程					
2	仓库卫生管理规程					
3	物料储存管理规程					
4	成品入库储存发放管理规程					
5	阴凉库管理规程					
6	仓库温湿度管理规程					
7	仓库清洁标准操作规程					
8	立式空调使用标准操作规程					
9	温度记录仪使用标准操作规程					

检查人	
复核人	
确认结果	
确认人/日期	

## 7.3 验证用记录仪检验确认

验证用记录仪校验情况确认表

序号	检查项目	合格要求	检查结论
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1	记录仪校准证书	有效期内	
2	开机、记录、状态	应正常、清晰	
检查人			
复核人			
确认结果			
确认人/日期			

#### 7.4 环境卫生确认

阴凉库环境卫生情况确认表

序号	检查项目	检查标准	确认结果
1	地面	应整洁、干净	
2	门、窗、墙壁、天棚	应整洁、干净	
3	设备、设施表面	应清洁、干净	
4	其它	应清洁、干净	
检查人			
复核人			
确认结果			
确认人/日期			
检查人			
复核人			
确认结果			
确认人/日期			

#### 7.5 人员培训确认

参加验证人员培训确认表

序号	文件名称	文件编号	培训日期
1	仓储管理规程		
2	仓库卫生管理规程		

3	物料储存管理规程		
4	成品入库储存发放管理规程		
5	阴凉库管理规程		
6	仓库温湿度管理规程		
7	仓库清洁标准操作规程		
8	立式空调使用标准操作规程		
9	验证用记录仪使用标准操作规程		

## 8 安装确认

### 8.1 技术资料检查

设备随机资料检查表

序号	资料名称	页数	份数	存放部门	检查结论
1	设备说明书		1	工程设备安全部	
2	产品合格证		1	工程设备安全部	
3	装箱单		1	工程设备安全部	
4	设备图纸		1	工程设备安全部	
5	开箱验收记录		1	工程设备安全部	
6	设备安装检查记录		1	工程设备安全部	
检查人					
复核人					
评定结果					
评定人/日期					

### 8.2 安装位置检查

设备安装位置检查情况表

序号	设备名称	安装位置	安装要求	检查结论
1	立式空调	成品阴凉库	使设备保持水平	
2	主机的后侧离墙距离	成品阴凉库	$\geq 0.2M$	

3	主机两侧离墙距离	成品阴凉库	≥0.2M	
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检查人	
复核人	
评定结果	
评定人/日期	

### 8.3 设备外观检查

设备外观检查情况表

序号	检查项目	合格要求	检查结论
1	机身	完好	
2	油漆	无脱落	
3	控制面板	表面完好	
4	配套管线	连接符合要求	

检查人	
复核人	
评定结果	
评定人/日期	

### 8.4 设备电器部分检查

设备电器部分检查情况表

序号	检查项目	合格要求	检查结论
1	电源	AC50HZ380V	
2	摇控器/控制面板	灵敏	
3	接地装置	应有接地线路	

检查人	
复核人	
评定结果	
评定人/日期	

## 9 运行确认

在安装确认完成，以及其他相关配套条件具备后，即可进行该设备的运行确认。按照设备操作SOP对此设备进行试运行，检查其运行情况是否良好，各项指标是否达到预定的要求。

### 9.1 检查确认以下各项功能控制的稳定性和可靠性

操作控制系统功能检查记录表

序号	检查项目	要求	结果
1	电源 符合要求	安全可靠	合格
2	开关	控制功能方便可靠	合格
3	控制面板或摇控器	传感灵敏度	合格
4	开关机运行	应正常	合格

检查人	
复核人	
评定结果	
评定人/日期	

### 9.2 检查确认该设备在运行时各项控制（技术）参数是否符合要求

设备运行参数检查记录表

序号	操作内容	操作标准	结果
1	最低温度运行	$\geq 17^{\circ}\text{C}$	合格
2	最高温度运行	$\leq 30^{\circ}\text{C}$	合格
3	除湿功能运行	湿度 $>75\%$	合格
4	自动功能运行	$17^{\circ}\text{C} \leq \text{温度} \leq 30^{\circ}\text{C}$	合格
5	降温设定	$\leq 19^{\circ}\text{C}$	合格

检查人	
复核人	
评定结果	
评定人/日期	

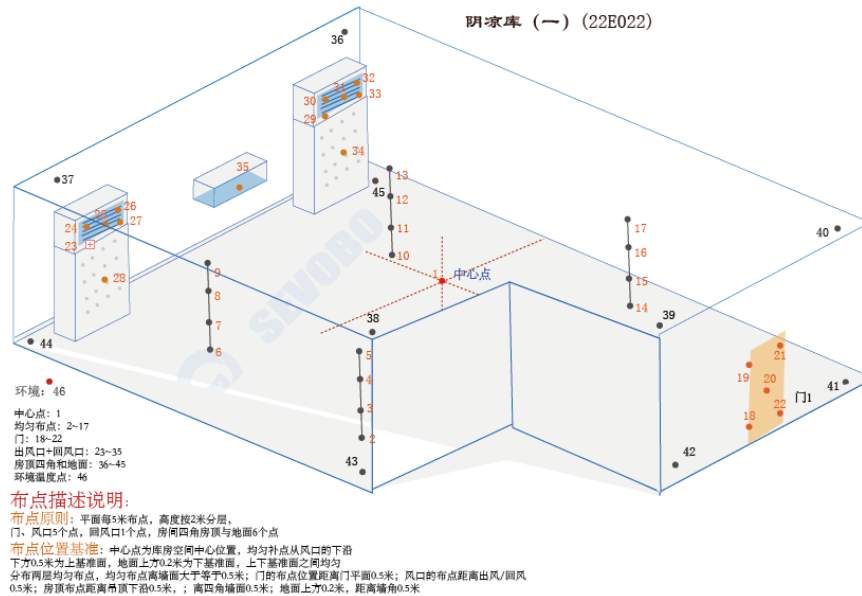
## 10 性能确认

## 10.1 布点依据

- 1、在仓库内一次性同步布点，确保各测点采集数据的同步、有效；
- 2、每个库房中均匀性布点数量不应少于9个，仓间各角及中心位置均应布置测点，每两个测点的水平间距不应大于5m，垂直间距不应超过2m。
- 3、库房每个作业出入口及风机出风口区域至少布置5个测点，库房中每组货架或建筑结构的风向死角位置至少应布置3个测点。
- 4、特殊区域应布设温度监测点，包括空调或制冷设备回风位置、温度自动监测系统测点终端安装位置、门、窗、灯等位置。
- 5、温度监测点均应布设在货位上或货物可能存放的位置。

## 10.2 测点布置

### 10.2.1 布点示意图



布点示意图

### 10.2.2 布点位置详表

序号	名称	位置编码	类型	设备型号	设备编号
1	中心点1	A01	中心点	SVB-REC-03	SF304080100022405078033803
2	均匀布点 2	A02	均匀布点	SVB-REC-03	SF304080100022405078074803
3	均匀布点 3	A03	均匀布点	SVB-REC-03	SF304080100022405078141803

序号	名称	位置编码	类型	设备型号	设备编号
4	均匀布点 4	A04	均匀布点	SVB-REC- 03	SF304080100022405078109803
5	均匀布点 5	A05	均匀布点	SVB-REC- 03	SF304080100022405078193803
6	均匀布点 6	A06	均匀布点	SVB-REC- 03	SF304080100022405078018803
7	均匀布点 7	A07	均匀布点	SVB-REC- 03	SF304080100022405078131803
8	均匀布点 8	A08	均匀布点	SVB-REC- 03	SF304080100022405078120803
9	均匀布点 9	A09	均匀布点	SVB-REC- 03	SF304080100022405078175803
10	均匀布点 10	A10	均匀布点	SVB-REC- 03	SF304080100022405078062803
11	均匀布点 11	A11	均匀布点	SVB-REC- 03	SF304080100022405078020803
12	均匀布点 12	A12	均匀布点	SVB-REC- 03	SF304080100022405078041803
13	均匀布点 13	A13	均匀布点	SVB-REC- 03	SF304080100022405078164803
14	均匀布点 14	A14	均匀布点	SVB-REC- 03	SF304080100022405078001803
15	均匀布点 15	A15	均匀布点	SVB-REC- 03	SF304080100022405078166803
16	均匀布点 16	A16	均匀布点	SVB-REC- 03	SF304080100022405078132803
17	均匀布点 17	A17	均匀布点	SVB-REC- 03	SF304080100022405078027803
18	门18	A18	门	SVB-REC- 03	SF304080100022405078036803
19	门19	A19	门	SVB-REC- 03	SF304080100022405078118803
20	门20	A20	门	SVB-REC- 03	SF304080100022405078196803

序号	名称	位置编码	类型	设备型号	设备编号
21	门21	A21	门	SVB-REC-03	SF304080100022405078170803
22	门22	A22	门	SVB-REC-03	SF304080100022405078149803
23	出风口23	A23	风机	SVB-REC-03	SF304080100022405078173803
24	出风口24	A24	风机	SVB-REC-03	SF304080100022405078190803
25	出风口25	A25	风机	SVB-REC-03	SF304080100022405078072803
26	出风口26	A26	风机	SVB-REC-03	SF304080100022405078100803
27	出风口27	A27	风机	SVB-REC-03	SF304080100022405078022803
28	回风口28	A28	风机	SVB-REC-03	SF304080100022405078006803
29	出风口29	A29	风机	SVB-REC-03	SF304080100022405078112803
30	出风口30	A30	风机	SVB-REC-03	SF304080100022405078037803
31	出风口31	A31	风机	SVB-REC-03	SF304080100022405078044803
32	出风口32	A32	风机	SVB-REC-03	SF304080100022405078176803
33	出风口33	A33	风机	SVB-REC-03	SF304080100022405078128803
34	回风口34	A34	风机	SVB-REC-03	SF304080100022405078038803
35	房顶35	A35	风向死角	SVB-REC-03	SF304080100022405078200803
36	房顶36	A36	风向死角	SVB-REC-03	SF304080100022405078188803
37	房顶37	A37	风向死角	SVB-REC-03	SF304080100022405078046803

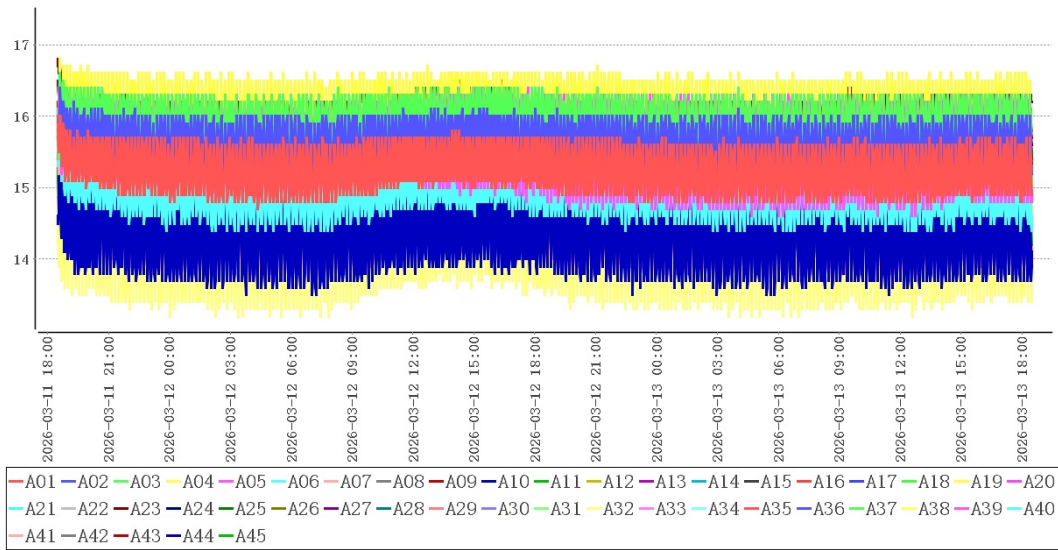
序号	名称	位置编码	类型	设备型号	设备编号
38	房顶38	A38	风向死角	SVB-REC-03	SF304080100022405078087803
39	房顶39	A39	风向死角	SVB-REC-03	SF304080100022405078054803
40	房顶40	A40	风向死角	SVB-REC-03	SF304080100022405078135803
41	地面41	A41	风向死角	SVB-REC-03	SF304080100022405078144803
42	地面42	A42	风向死角	SVB-REC-03	SF304080100022405078063803
43	地面43	A43	风向死角	SVB-REC-03	SF304080100022405078194803
44	地面44	A44	风向死角	SVB-REC-03	SF304080100022405078085803
45	地面45	A45	风向死角	SVB-REC-03	SF304080100022405078184803
46	环境外温 46	A46	环境外温	SVB-REC-03	SF304080100022405078156803

### 10.2.3 现场照片

## 11 验证项目实施

### 11.1 温度分布特性测试

#### 11.1.1 温度分布特性



### (1)、温度偏差

温度偏差指温控设施设备稳定状态下, 测试空间的中心点在规定时间内多次实测温度的平均值与温度设定值的差值, 计算公式:  $\Delta td = td - to$

式中:

$\Delta td$  ——温度偏差, 单位为摄氏度(°C);

$td$  ——温度设定值, 单位为摄氏度(°C);

$to$  ——中心点在规定时间内  $n$  次测量平均值, 单位为摄氏度(°C)

点位类型	测点	设定值(td)	平均值(to)
中心点	A01	16.0	15.3

温度偏差  $\Delta td = td - to = 0.7^{\circ}C$

### (2)、均匀度

温度均匀度指温控设施设备稳定状态下, 测试空间各测点在规定时间内每次测量中实测最高温度与最低温度之差的算术平均值, 计算公式:  $\Delta tu = \sum (timax - timin) / n$

式中:

$\Delta tu$  ——温度均匀度, 单位为摄氏度(°C);

$timax$  ——各测点在规定时间内第  $i$  次测得的最高温度, 单位为摄氏度(°C);

$timin$  ——各测点在规定时间内第  $i$  次测得的最低温度, 单位为摄氏度(°C)。

$n$  ——测量次数。

各测点最大值和最小值见附录A: 各测点极值表

$$\text{均匀度} \Delta t_u = \Sigma (t_{\text{imax}} - t_{\text{imin}}) / n = 2.1^{\circ}\text{C}$$

### (3)、波动度

温度波动度指温控设施设备稳定状态下, 测试空间的中心点在规定时间内多次实测最高温度与最低温度之差的一半, 计算公式:  $\Delta t_f = \pm (t_{\text{omax}} - t_{\text{omin}}) / 2$

式中:

$\Delta t_f$  ——温度波动度, 单位为摄氏度( $^{\circ}\text{C}$ );

$t_{\text{omax}}$  ——中心点在规定时间内n次测量中的最高温度, 单位为摄氏度( $^{\circ}\text{C}$ );

$t_{\text{omin}}$  ——中心点在规定时间内n次测量中的最低温度, 单位为摄氏度( $^{\circ}\text{C}$ )。

点位类型	测点	最大值( $t_{\text{omax}}$ )	最小值( $t_{\text{omin}}$ )
中心点	A01	16.0	14.7

$$\text{波动度} \Delta t_f = \pm (t_{\text{omax}} - t_{\text{omin}}) / 2 = 0.7^{\circ}\text{C}$$

### (4)、结论综述

点位类型	测点	最大值	最小值	平均值
中心点	A01	16.0	14.7	15.3
均匀布点	A02	16.4	15.0	15.6
	A03	16.5	14.9	15.7
	A04	16.4	14.9	15.6
	A05	16.5	14.6	15.6
	A06	15.9	14.4	15.0
	A07	15.9	14.7	15.2
	A08	16.1	15.0	15.5
	A09	16.1	14.9	15.6
	A10	15.5	13.5	14.4
	A11	15.7	13.9	14.7
	A12	16.2	14.9	15.5
	A13	16.2	15.0	15.5
	A14	16.3	14.9	15.5
	A15	16.4	14.6	15.5
	A16	16.2	15.1	15.5
	A17	16.4	14.9	15.7

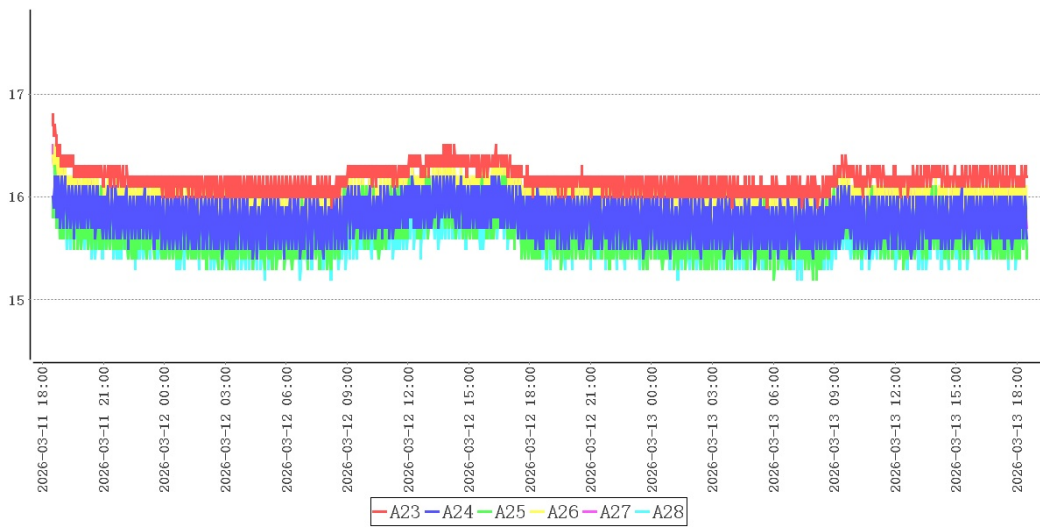
出入口	A18	16.6	15.1	15.7
	A19	16.8	14.3	15.5
	A20	16.7	14.4	15.5
	A21	16.5	14.8	15.7
	A22	16.5	15.0	15.6
风机	A23	16.8	15.9	16.2
	A24	16.2	15.3	15.8
	A25	16.3	15.2	15.7
	A26	16.5	15.6	16.0
	A27	16.5	15.5	15.9
	A28	16.2	15.2	15.7
	A29	15.9	13.7	14.7
	A30	15.7	14.4	15.0
	A31	15.9	14.0	14.9
	A32	15.8	13.2	14.5
	A33	16.0	13.8	14.8
	A34	16.4	13.4	15.0
风向死角	A35	16.2	14.6	15.3
	A36	16.0	14.5	15.2
	A37	16.1	15.2	15.6
	A38	16.6	14.8	15.7
	A39	16.4	14.6	15.4
	A40	16.0	14.5	15.1
	A41	15.9	14.3	15.0
	A42	16.5	15.3	15.8
	A43	16.3	15.2	15.6
	A44	15.8	15.1	15.4
	A45	15.8	15.0	15.4
环境外温	A46	17.9	15.8	16.6

在库房空调或制冷系统温度控制参数符合设定要求、库房温度符合设定范围后，数据有效持续采集时间为48小时0分钟，在环境温度处于15.8℃~17.9℃情况

下，库内各测点温度在13.2℃ (A32)~16.8℃ (A19, A23)之间，未超出温控范围10.0℃~30.0℃。根据《GBT34399-2025医药产品冷链物流温控设施设备验证性能确认技术规范》附录A计算方法，温度偏差 $\Delta t_d = t_d - t_o = 0.7^\circ\text{C}$ 、波动度 $\Delta t_f = \pm (t_{\text{max}} - t_{\text{min}}) / 2 = 0.7^\circ\text{C}$ 、均匀度 $\Delta t_u = \Sigma (t_{\text{max}} - t_{\text{min}}) / n = 2.1^\circ\text{C}$ ，可知偏差、均匀度、波动度各项数值不高于 $\pm 3^\circ\text{C}$ ，符合国标要求。

### 11.1.2 风机

#### 11.1.2.1 风机01



测点	最大值	最小值	平均值
A23	16.8	15.9	16.2
A24	16.2	15.3	15.8
A25	16.3	15.2	15.7
A26	16.5	15.6	16.0
A27	16.5	15.5	15.9
A28	16.2	15.2	15.7

检测项目	规范要求	检测结果	结论
风机01附近温度均匀性	全部测点温度范围 (10.0~30.0)℃	15.2~16.8℃	合格

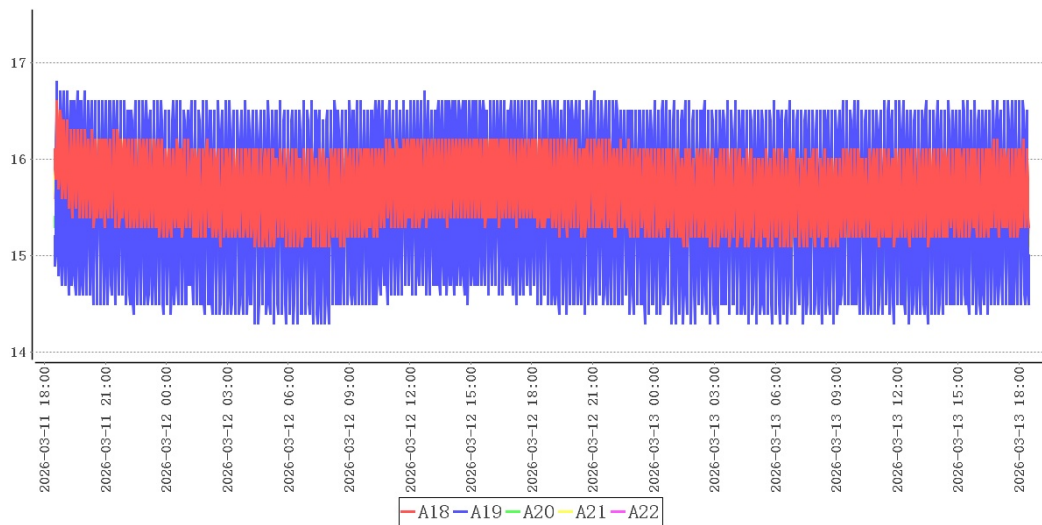
#### 11.1.2.2 风机02



测点	最大值	最小值	平均值
A29	15.9	13.7	14.7
A30	15.7	14.4	15.0
A31	15.9	14.0	14.9
A32	15.8	13.2	14.5
A33	16.0	13.8	14.8
A34	16.4	13.4	15.0

检测项目	规范要求	检测结果	结论
风机02附近温度均匀性	全部测点温度范围 (10.0~30.0) °C	13.2~16.4°C	合格

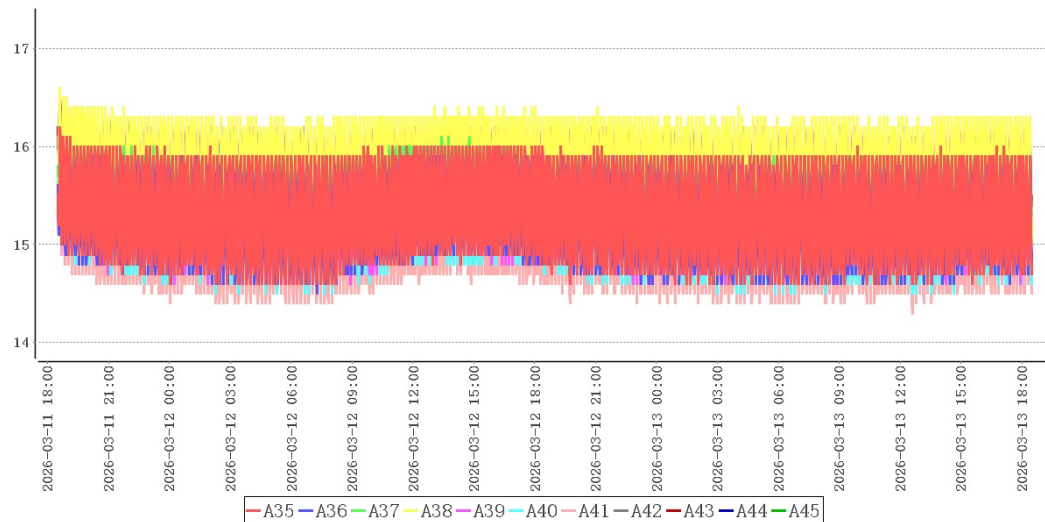
### 11.1.3 出入口



测点	最大值	最小值	平均值
A18	16.6	15.1	15.7
A19	16.8	14.3	15.5
A20	16.7	14.4	15.5
A21	16.5	14.8	15.7
A22	16.5	15.0	15.6

检测项目	规范要求	检测结果	结论
门01附近温度均匀性	全部测点温度范围 (10.0~30.0)℃	14.3~16.8℃	合格

#### 11.1.4 风向死角



测点	最大值	最小值	平均值
A35	16.2	14.6	15.3
A36	16.0	14.5	15.2
A37	16.1	15.2	15.6
A38	16.6	14.8	15.7
A39	16.4	14.6	15.4
A40	16.0	14.5	15.1
A41	15.9	14.3	15.0
A42	16.5	15.3	15.8
A43	16.3	15.2	15.6
A44	15.8	15.1	15.4

测点	最大值	最小值	平均值
A45	15.8	15.0	15.4

检测项目	规范要求	检测结果	结论
风向死角附近温度均匀性	全部测点温度范围 (10.0~30.0)℃	14.3~16.6℃	合格

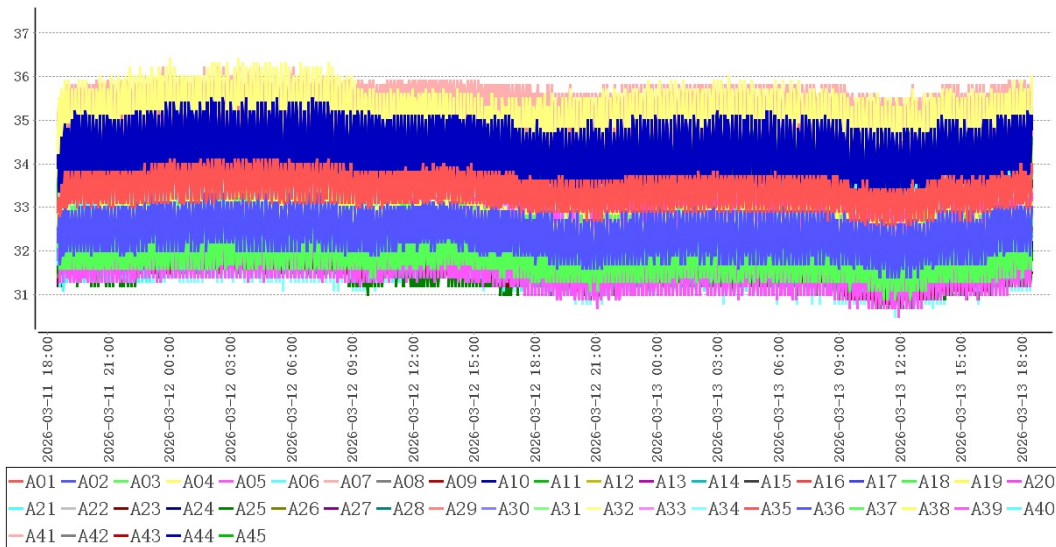
### 11.1.5 适宜存放的安全位置及区域

根据以上分析，该冷库中除个别温度易超标区域不适合存放药品外，其他区域皆可放置。

不适合存放药品的区域有：风机出口下沿下方0.3m以上空间，门口1米空间范围内，风向死角范围内。

## 11.2 湿度分布特性

### 11.2.1 库内各点相对湿度



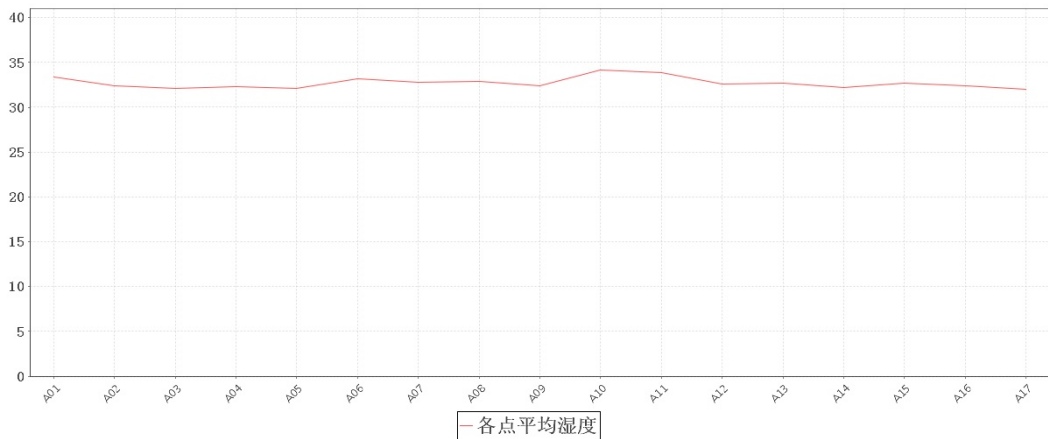
点位类型	测点	最大值	最小值	平均值
中心点	A01	34.1	32.6	33.4
均匀布点	A02	33.3	31.4	32.4
	A03	33.3	30.9	32.1
	A04	33.4	31.1	32.3
	A05	33.3	30.5	32.1
	A06	33.9	32.1	33.2
	A07	33.6	31.7	32.8
	A08	33.6	32.2	32.9

	A09	33.1	31.5	32.4
	A10	35.5	32.9	34.2
	A11	35.1	32.9	33.9
	A12	33.4	31.6	32.6
	A13	33.5	31.7	32.7
	A14	33.1	31.0	32.2
	A15	34.0	31.2	32.7
	A16	33.0	31.6	32.4
	A17	33.1	31.1	32.0
出入口	A18	34.0	32.2	33.1
	A19	34.9	30.9	32.9
	A20	34.0	30.9	32.5
	A21	33.2	30.8	32.0
	A22	33.1	31.1	32.1
风机	A23	31.8	30.8	31.4
	A24	32.5	31.2	31.9
	A25	32.5	30.7	31.6
	A26	32.2	31.0	31.7
	A27	32.3	31.0	31.8
	A28	32.9	31.4	32.2
	A29	35.3	32.2	33.8
	A30	34.0	32.4	33.2
	A31	34.7	31.9	33.4
	A32	36.4	31.6	34.0
	A33	35.3	31.8	33.6
	A34	36.0	30.5	33.3
风向死角	A35	33.5	31.6	32.7
	A36	33.6	31.3	32.7
	A37	33.0	31.6	32.4
	A38	33.5	30.8	32.2
	A39	34.0	31.4	32.8
	A40	33.8	31.9	32.9

	A41	36.2	34.4	35.4
	A42	32.7	31.2	32.0
	A43	32.6	31.5	32.1
	A44	32.8	31.8	32.3
	A45	33.2	32.3	32.7
环境外温	A46	31.1	27.3	29.1

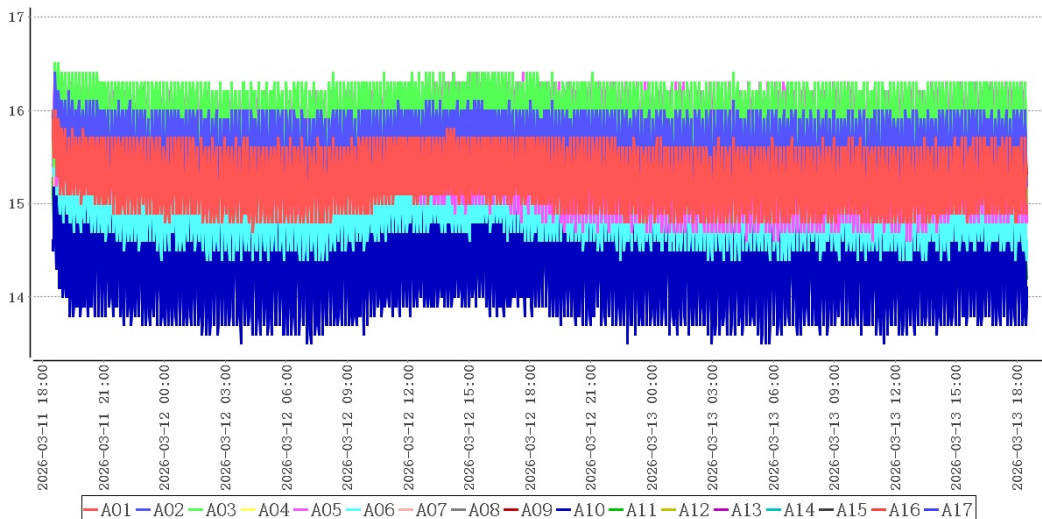
从各监测点相对湿度数据分布图可以看出：库内各点湿度处于30.5%(A05)~36.4%(A32)之间变化，湿度平均值处于31.4%(A23)~35.4%(A41)之间，符合相对湿度10.0%~75.0%要求。

### 11.2.2 库内各点平均湿度



从各监测点相对湿度数据分布图可以看出：库内各点相对湿度平均值差别不大。

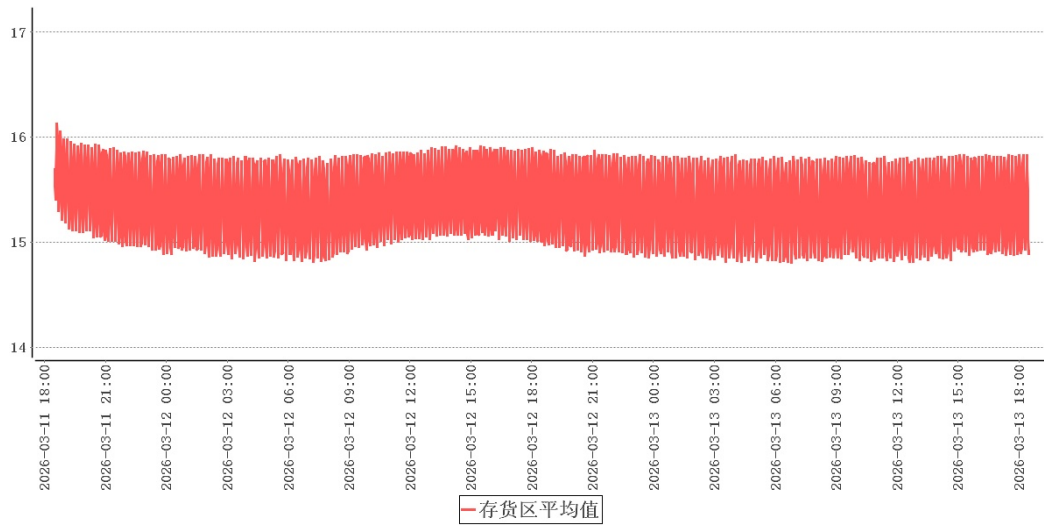
### 11.3 温度自动监测设备安装位置确认



结合温度分布特性可得出以下表格：

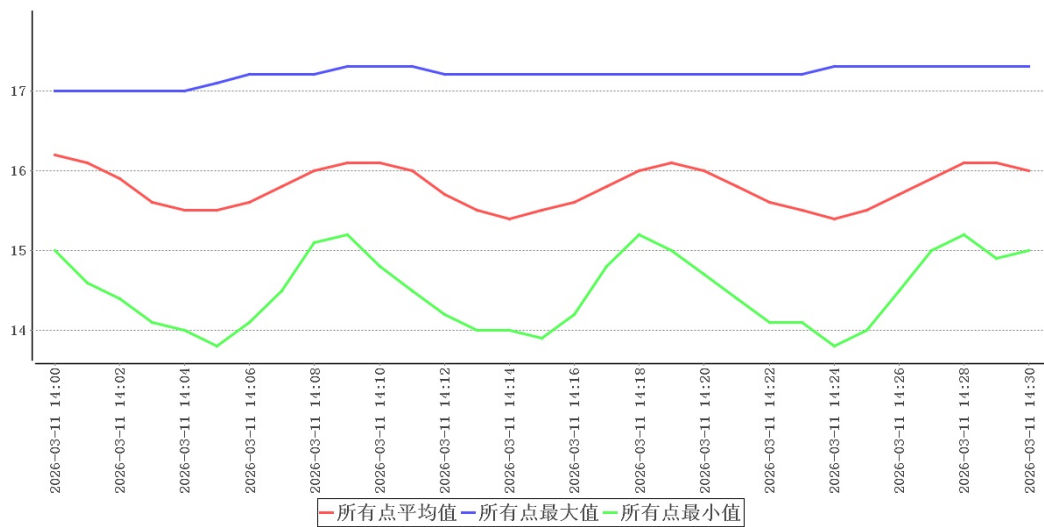
冷点热点表

测点	最大值	最小值	平均值
A03(热点)	16.5	14.9	15.7
A10(冷点)	15.5	13.5	14.4
货区点位	16.5	13.5	15.4



结合库内高温敏感区、低温敏感区分析，库内热点为A03，库内冷点为A10。请综合考虑实际布点位置确认监测点位，并安装/移动监测点位。

#### 11.4 开关门验证



时间	所有点最大值	所有点最小值	所有点平均值	环境外温	备注
2026-03-11 14:00:00	17.0	15.0	16.2	17.3	开门
2026-03-11 14:01:00	17.0	14.6	16.1	17.3	
2026-03-11 14:02:00	17.0	14.4	15.9	17.2	
2026-03-11 14:03:00	17.0	14.1	15.6	17.2	
2026-03-11 14:04:00	17.0	14.0	15.5	17.2	
2026-03-11 14:05:00	17.1	13.8	15.5	17.2	
2026-03-11 14:06:00	17.2	14.1	15.6	17.2	
2026-03-11 14:07:00	17.2	14.5	15.8	17.2	
2026-03-11 14:08:00	17.2	15.1	16.0	17.2	
2026-03-11 14:09:00	17.3	15.2	16.1	17.3	
2026-03-11 14:10:00	17.3	14.8	16.1	17.3	
2026-03-11 14:11:00	17.3	14.5	16.0	17.3	
2026-03-11 14:12:00	17.2	14.2	15.7	17.3	
2026-03-11 14:13:00	17.2	14.0	15.5	17.3	
2026-03-11 14:14:00	17.2	14.0	15.4	17.2	
2026-03-11 14:15:00	17.2	13.9	15.5	17.2	
2026-03-11 14:16:00	17.2	14.2	15.6	17.2	
2026-03-11 14:17:00	17.2	14.8	15.8	17.2	
2026-03-11 14:18:00	17.2	15.2	16.0	17.3	
2026-03-11 14:19:00	17.2	15.0	16.1	17.3	
2026-03-11 14:20:00	17.2	14.7	16.0	17.2	
2026-03-11 14:21:00	17.2	14.4	15.8	17.2	
2026-03-11 14:22:00	17.2	14.1	15.6	17.2	
2026-03-11 14:23:00	17.2	14.1	15.5	17.2	
2026-03-11 14:24:00	17.3	13.8	15.4	17.2	
2026-03-11 14:25:00	17.3	14.0	15.5	17.2	
2026-03-11 14:26:00	17.3	14.5	15.7	17.2	
2026-03-11 14:27:00	17.3	15.0	15.9	17.2	
2026-03-11 14:28:00	17.3	15.2	16.1	17.3	
2026-03-11 14:29:00	17.3	14.9	16.1	17.3	

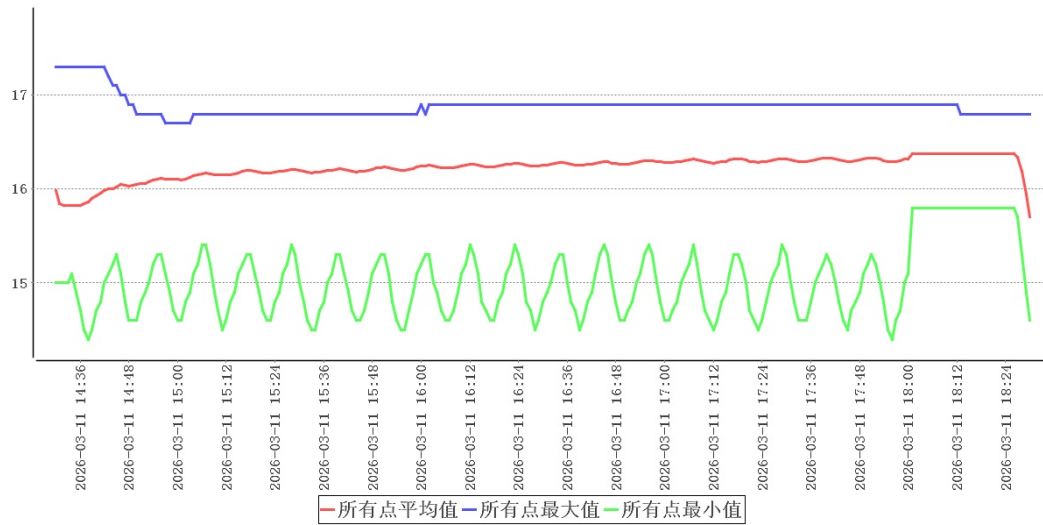
时间	所有点最大值	所有点最小值	所有点平均值	环境外温	备注
2026-03-11 14:30:00	17.3	15.0	16.0	17.3	关门

探头编号	最早恢复至接受标准时温度(°C)	最早恢复至接受标准时刻	恢复至接受标准最小时长(分钟)
A01	N/A	N/A	N/A
A02	N/A	N/A	N/A
A03	N/A	N/A	N/A
A04	N/A	N/A	N/A
A05	N/A	N/A	N/A
A06	N/A	N/A	N/A
A07	N/A	N/A	N/A
A08	N/A	N/A	N/A
A09	N/A	N/A	N/A
A10	N/A	N/A	N/A
A11	N/A	N/A	N/A
A12	N/A	N/A	N/A
A13	N/A	N/A	N/A
A14	N/A	N/A	N/A
A15	N/A	N/A	N/A
A16	N/A	N/A	N/A
A17	N/A	N/A	N/A
A18	N/A	N/A	N/A
A19	N/A	N/A	N/A
A20	N/A	N/A	N/A
A21	N/A	N/A	N/A
A22	N/A	N/A	N/A
A23	N/A	N/A	N/A
A24	N/A	N/A	N/A
A25	N/A	N/A	N/A
A26	N/A	N/A	N/A

探头编号	最早恢复至接受标准时 温度(°C)	最早恢复至接受标准时 刻	恢复至接受标准最小时 长(分钟)
A27	N/A	N/A	N/A
A28	N/A	N/A	N/A
A29	N/A	N/A	N/A
A30	N/A	N/A	N/A
A31	N/A	N/A	N/A
A32	N/A	N/A	N/A
A33	N/A	N/A	N/A
A34	N/A	N/A	N/A
A35	N/A	N/A	N/A
A36	N/A	N/A	N/A
A37	N/A	N/A	N/A
A38	N/A	N/A	N/A
A39	N/A	N/A	N/A
A40	N/A	N/A	N/A
A41	N/A	N/A	N/A
A42	N/A	N/A	N/A
A43	N/A	N/A	N/A
A44	N/A	N/A	N/A
A45	N/A	N/A	N/A

门01在环境温度处于17.2°C~17.3°C情况下，共持续30分钟，各测点温度在13.8°C (A32)~17.3°C (A21, A46)之间，未超出温控范围10.0°C~30.0°C。

#### 11.5 设备故障或外部供电中断的状况下保温性能及变化趋势



断电开始时间	2026-03-11 14:30:00	断电结束时间	2026-03-11 18:30:00
断电测试期间最高温度	17.3°C	断电测试期间最低温度	14.4°C
平均外温	17.6°C	推断超温时限	120分钟

断电恢复

探头编号	最晚维持在接受标准时 温度(°C)	最早恢复至接受标准时 刻	恢复至接受标准最小时 长(分钟)
A01	N/A	N/A	N/A
A02	N/A	N/A	N/A
A03	N/A	N/A	N/A
A04	N/A	N/A	N/A
A05	N/A	N/A	N/A
A06	N/A	N/A	N/A
A07	N/A	N/A	N/A
A08	N/A	N/A	N/A
A09	N/A	N/A	N/A
A10	N/A	N/A	N/A
A11	N/A	N/A	N/A
A12	N/A	N/A	N/A
A13	N/A	N/A	N/A
A14	N/A	N/A	N/A

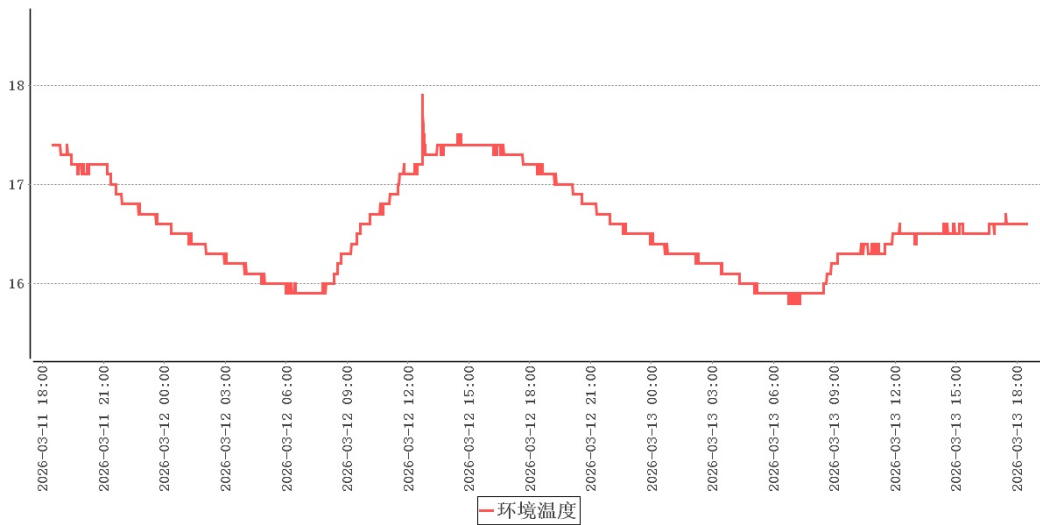
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A15	N/A	N/A	N/A
A16	N/A	N/A	N/A
A17	N/A	N/A	N/A
A18	N/A	N/A	N/A
A19	N/A	N/A	N/A
A20	N/A	N/A	N/A
A21	N/A	N/A	N/A
A22	N/A	N/A	N/A
A23	N/A	N/A	N/A
A24	N/A	N/A	N/A
A25	N/A	N/A	N/A
A26	N/A	N/A	N/A
A27	N/A	N/A	N/A
A28	N/A	N/A	N/A
A29	N/A	N/A	N/A
A30	N/A	N/A	N/A
A31	N/A	N/A	N/A
A32	N/A	N/A	N/A
A33	N/A	N/A	N/A
A34	N/A	N/A	N/A
A35	N/A	N/A	N/A
A36	N/A	N/A	N/A
A37	N/A	N/A	N/A
A38	N/A	N/A	N/A
A39	N/A	N/A	N/A
A40	N/A	N/A	N/A
A41	N/A	N/A	N/A
A42	N/A	N/A	N/A
A43	N/A	N/A	N/A
A44	N/A	N/A	N/A
A45	N/A	N/A	N/A

在环境温度处于17.3℃~17.9℃情况下,从2026-03-11 14:30:00断电开始至2026-03-11 18:30:00,累计测试时长为4小时期间最高温度为17.3℃,最低温度为14.4℃,按国标要求满足不超出温控范围10.0℃~30.0℃,的断电保温时长为2小时。

### 11.6 本地区的高温或低温等极端外部环境条件下保温效果评估

外部温度	最大值	最小值	采集次数	平均值
仓库室外温度	17.9	15.8	2880次	16.6



本次验证实施期间库外温度15.8℃~17.9℃,各项验证结论可视为极寒验证,建议在本地区的高温环境下再次实施极热验证。

## 12 偏差处理

无

## 13 验证结论

序号	项目名称	结论
1	存储空间温度的偏差、均匀度和波动度确认	在库房空调或制冷系统温度控制参数符合设定要求、库房温度符合设定范围后，数据有效持续采集时间为48小时0分钟，在环境温度处于15.8℃~17.9℃情况下，库内各测点温度在13.2℃(A32)~16.8℃(A19, A23)之间，未超出温控范围10.0℃~30.0℃。根据《GBT34399-2025医药产品冷链物流温控设施设备验证性能确认技术规范》附录A计算方法，温度偏差 $\Delta t_d = t_d - t_o = 0.7^\circ\text{C}$ 、波动度 $\Delta t_f = \pm (t_{\text{max}} - t_{\text{min}}) / 2 = 0.7^\circ\text{C}$ 、均匀度 $\Delta t_u = \sum (t_{\text{imax}} - t_{\text{imin}}) / n = 2.1^\circ\text{C}$ ，可知偏差、均匀度、波动度各项数值不高于 $\pm 3^\circ\text{C}$ ，符合国标要求。
2	本地区高温或低温等极端外部环境条件下的温度稳定性确认	本次验证实施期间库外温度15.8℃~17.9℃，各项验证结论可视为极寒验证，建议在本地区的高温环境下再次实施极热验证。
3	温度监测系统配置的测点终端安装位置确认	结合库内高温敏感区、低温敏感区分析，库内热点为A03，库内冷点为A10。请综合考虑实际布点位置确认监测点位，并安装/移动监测点位。
4	开门作业对温控库房温度分布影响的确认	门01在环境温度处于17.2℃~17.3℃情况下，共持续30分钟，各测点温度在13.8℃(A32)~17.3℃(A21, A46)之间，未超出温控范围10.0℃~30.0℃。
5	设备故障或外部供电中断的状况下温控库房保温性能及变化趋势确定	在环境温度处于17.3℃~17.9℃情况下，从2026-03-11 14:30:00断电开始至2026-03-11 18:30:00，累计测试时长为4小时期间最高温度为17.3℃，最低温度为14.4℃，按国标要求满足不超出温控范围10.0℃~30.0℃，的断电保温时长为2小时。

## 14 报告确认

经验证小组审批，各项确认结果均符合标准要求，批准投入使用，特此声明。

确认项目名称：福元\_阴凉库（一）\_22E022低温满载验证

负责人 \_\_\_\_\_

## 15 再次验证周期

- 
1. 在一般正常使用情况下，每五年再验证一次。
  2. 遇任何重大变更，需要再次验证，以证明各种重大变更不会对现有使用效果产生影响：
    - (1) 设备移动安装地点或位置
    - (2) 重要配套设备变更或进行重大维修项目
    - (3) 设备性能参数应用超出本验证范围

# 合格证

CERTIFICATE

使用单位: 北京福元医药股份有限公司

验证对象: 福元\_阴凉库(一)\_22E022

验证日期:

验证结果: 合格

验证类型: 改造后验证



北京世福宝科技有限公司

公司网址: <http://www.sevobo.com>

Beijing SEVOBO Technology Co., Ltd

公司地址: 北京市通州区马驹桥联东U谷西区11B

附录A: 各测点极值表

时间	所有点最大值 (t <sub>imax</sub> )	所有点最小值 (t <sub>imin</sub> )	t <sub>imax</sub> -t <sub>imin</sub>
2026-03-11 18:30:00	16.8	14.6	2.2
2026-03-11 18:31:00	16.7	14.3	2.4
2026-03-11 18:32:00	16.7	14.0	2.7
2026-03-11 18:33:00	16.7	13.9	2.8
2026-03-11 18:34:00	16.6	14.3	2.3
2026-03-11 18:35:00	16.6	14.9	1.7
2026-03-11 18:36:00	16.8	15.3	1.5
2026-03-11 18:37:00	16.7	15.2	1.5
2026-03-11 18:38:00	16.6	14.9	1.7
2026-03-11 18:39:00	16.6	14.6	2.0
2026-03-11 18:40:00	16.6	14.3	2.3
2026-03-11 18:41:00	16.5	14.0	2.5
2026-03-11 18:42:00	16.5	13.7	2.8
2026-03-11 18:43:00	16.5	13.8	2.7
2026-03-11 18:44:00	16.4	14.3	2.1
2026-03-11 18:45:00	16.5	14.8	1.7
2026-03-11 18:46:00	16.7	15.3	1.4
2026-03-11 18:47:00	16.5	15.1	1.4
2026-03-11 18:48:00	16.5	14.7	1.8
2026-03-11 18:49:00	16.5	14.4	2.1
2026-03-11 18:50:00	16.5	14.1	2.4
2026-03-11 18:51:00	16.5	13.8	2.7
2026-03-11 18:52:00	16.4	13.6	2.8
2026-03-11 18:53:00	16.4	13.8	2.6
2026-03-11 18:54:00	16.3	14.2	2.1
2026-03-11 18:55:00	16.5	14.8	1.7
2026-03-11 18:56:00	16.7	15.2	1.5
2026-03-11 18:57:00	16.4	14.9	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 18:58:00	16.4	14.6	1.8
2026-03-11 18:59:00	16.4	14.3	2.1
2026-03-11 19:00:00	16.4	14.0	2.4
2026-03-11 19:01:00	16.4	13.8	2.6
2026-03-11 19:02:00	16.4	13.6	2.8
2026-03-11 19:03:00	16.3	13.8	2.5
2026-03-11 19:04:00	16.3	14.3	2.0
2026-03-11 19:05:00	16.4	14.8	1.6
2026-03-11 19:06:00	16.7	15.2	1.5
2026-03-11 19:07:00	16.4	15.0	1.4
2026-03-11 19:08:00	16.4	14.7	1.7
2026-03-11 19:09:00	16.4	14.4	2.0
2026-03-11 19:10:00	16.4	14.0	2.4
2026-03-11 19:11:00	16.4	13.8	2.6
2026-03-11 19:12:00	16.3	13.5	2.8
2026-03-11 19:13:00	16.3	13.7	2.6
2026-03-11 19:14:00	16.3	14.1	2.2
2026-03-11 19:15:00	16.4	14.7	1.7
2026-03-11 19:16:00	16.6	15.2	1.4
2026-03-11 19:17:00	16.4	14.9	1.5
2026-03-11 19:18:00	16.4	14.5	1.9
2026-03-11 19:19:00	16.4	14.2	2.2
2026-03-11 19:20:00	16.4	13.8	2.6
2026-03-11 19:21:00	16.3	13.8	2.5
2026-03-11 19:22:00	16.3	13.6	2.7
2026-03-11 19:23:00	16.3	13.6	2.7
2026-03-11 19:24:00	16.3	14.0	2.3
2026-03-11 19:25:00	16.3	14.5	1.8
2026-03-11 19:26:00	16.6	15.0	1.6
2026-03-11 19:27:00	16.6	15.0	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 19:28:00	16.4	14.8	1.6
2026-03-11 19:29:00	16.4	14.3	2.1
2026-03-11 19:30:00	16.3	14.1	2.2
2026-03-11 19:31:00	16.3	13.8	2.5
2026-03-11 19:32:00	16.3	13.7	2.6
2026-03-11 19:33:00	16.3	13.5	2.8
2026-03-11 19:34:00	16.2	13.8	2.4
2026-03-11 19:35:00	16.2	14.3	1.9
2026-03-11 19:36:00	16.5	14.8	1.7
2026-03-11 19:37:00	16.7	15.1	1.6
2026-03-11 19:38:00	16.4	14.8	1.6
2026-03-11 19:39:00	16.3	14.5	1.8
2026-03-11 19:40:00	16.3	14.2	2.1
2026-03-11 19:41:00	16.3	13.9	2.4
2026-03-11 19:42:00	16.3	13.8	2.5
2026-03-11 19:43:00	16.2	13.5	2.7
2026-03-11 19:44:00	16.2	13.7	2.5
2026-03-11 19:45:00	16.2	14.1	2.1
2026-03-11 19:46:00	16.3	14.6	1.7
2026-03-11 19:47:00	16.6	15.1	1.5
2026-03-11 19:48:00	16.6	15.1	1.5
2026-03-11 19:49:00	16.3	14.8	1.5
2026-03-11 19:50:00	16.3	14.3	2.0
2026-03-11 19:51:00	16.3	14.0	2.3
2026-03-11 19:52:00	16.3	13.8	2.5
2026-03-11 19:53:00	16.3	13.7	2.6
2026-03-11 19:54:00	16.2	13.5	2.7
2026-03-11 19:55:00	16.2	13.8	2.4
2026-03-11 19:56:00	16.2	14.4	1.8
2026-03-11 19:57:00	16.4	14.8	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 19:58:00	16.7	15.1	1.6
2026-03-11 19:59:00	16.4	14.9	1.5
2026-03-11 20:00:00	16.3	14.6	1.7
2026-03-11 20:01:00	16.3	14.3	2.0
2026-03-11 20:02:00	16.3	13.9	2.4
2026-03-11 20:03:00	16.2	13.9	2.3
2026-03-11 20:04:00	16.2	13.6	2.6
2026-03-11 20:05:00	16.2	13.7	2.5
2026-03-11 20:06:00	16.2	14.1	2.1
2026-03-11 20:07:00	16.3	14.6	1.7
2026-03-11 20:08:00	16.6	15.1	1.5
2026-03-11 20:09:00	16.6	15.0	1.6
2026-03-11 20:10:00	16.3	14.7	1.6
2026-03-11 20:11:00	16.3	14.4	1.9
2026-03-11 20:12:00	16.3	14.0	2.3
2026-03-11 20:13:00	16.3	13.8	2.5
2026-03-11 20:14:00	16.2	13.7	2.5
2026-03-11 20:15:00	16.2	13.6	2.6
2026-03-11 20:16:00	16.2	14.0	2.2
2026-03-11 20:17:00	16.2	14.4	1.8
2026-03-11 20:18:00	16.4	14.9	1.5
2026-03-11 20:19:00	16.6	15.1	1.5
2026-03-11 20:20:00	16.4	14.8	1.6
2026-03-11 20:21:00	16.3	14.4	1.9
2026-03-11 20:22:00	16.3	14.2	2.1
2026-03-11 20:23:00	16.3	13.9	2.4
2026-03-11 20:24:00	16.3	13.9	2.4
2026-03-11 20:25:00	16.2	13.5	2.7
2026-03-11 20:26:00	16.2	13.7	2.5
2026-03-11 20:27:00	16.2	14.1	2.1

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 20:28:00	16.2	14.5	1.7
2026-03-11 20:29:00	16.6	15.1	1.5
2026-03-11 20:30:00	16.6	15.1	1.5
2026-03-11 20:31:00	16.4	14.8	1.6
2026-03-11 20:32:00	16.3	14.4	1.9
2026-03-11 20:33:00	16.3	14.1	2.2
2026-03-11 20:34:00	16.3	13.8	2.5
2026-03-11 20:35:00	16.2	13.7	2.5
2026-03-11 20:36:00	16.2	13.5	2.7
2026-03-11 20:37:00	16.2	13.7	2.5
2026-03-11 20:38:00	16.2	14.2	2.0
2026-03-11 20:39:00	16.3	14.8	1.5
2026-03-11 20:40:00	16.6	15.2	1.4
2026-03-11 20:41:00	16.6	15.0	1.6
2026-03-11 20:42:00	16.3	14.6	1.7
2026-03-11 20:43:00	16.3	14.3	2.0
2026-03-11 20:44:00	16.3	13.9	2.4
2026-03-11 20:45:00	16.2	13.8	2.4
2026-03-11 20:46:00	16.2	13.6	2.6
2026-03-11 20:47:00	16.2	13.5	2.7
2026-03-11 20:48:00	16.2	13.9	2.3
2026-03-11 20:49:00	16.2	14.4	1.8
2026-03-11 20:50:00	16.4	14.9	1.5
2026-03-11 20:51:00	16.6	15.1	1.5
2026-03-11 20:52:00	16.3	14.8	1.5
2026-03-11 20:53:00	16.3	14.4	1.9
2026-03-11 20:54:00	16.3	14.2	2.1
2026-03-11 20:55:00	16.2	13.8	2.4
2026-03-11 20:56:00	16.2	13.8	2.4
2026-03-11 20:57:00	16.2	13.5	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 20:58:00	16.1	13.6	2.5
2026-03-11 20:59:00	16.1	14.1	2.0
2026-03-11 21:00:00	16.2	14.5	1.7
2026-03-11 21:01:00	16.6	15.0	1.6
2026-03-11 21:02:00	16.6	15.1	1.5
2026-03-11 21:03:00	16.3	14.7	1.6
2026-03-11 21:04:00	16.3	14.4	1.9
2026-03-11 21:05:00	16.2	14.1	2.1
2026-03-11 21:06:00	16.2	13.8	2.4
2026-03-11 21:07:00	16.2	13.6	2.6
2026-03-11 21:08:00	16.2	13.4	2.8
2026-03-11 21:09:00	16.2	13.7	2.5
2026-03-11 21:10:00	16.2	14.2	2.0
2026-03-11 21:11:00	16.4	14.6	1.8
2026-03-11 21:12:00	16.6	15.2	1.4
2026-03-11 21:13:00	16.6	15.0	1.6
2026-03-11 21:14:00	16.3	14.7	1.6
2026-03-11 21:15:00	16.3	14.4	1.9
2026-03-11 21:16:00	16.3	14.1	2.2
2026-03-11 21:17:00	16.2	13.9	2.3
2026-03-11 21:18:00	16.2	13.6	2.6
2026-03-11 21:19:00	16.2	13.4	2.8
2026-03-11 21:20:00	16.1	13.7	2.4
2026-03-11 21:21:00	16.1	14.2	1.9
2026-03-11 21:22:00	16.3	14.7	1.6
2026-03-11 21:23:00	16.6	15.2	1.4
2026-03-11 21:24:00	16.4	14.9	1.5
2026-03-11 21:25:00	16.3	14.7	1.6
2026-03-11 21:26:00	16.3	14.3	2.0
2026-03-11 21:27:00	16.2	14.0	2.2

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 21:28:00	16.2	13.8	2.4
2026-03-11 21:29:00	16.2	13.5	2.7
2026-03-11 21:30:00	16.2	13.4	2.8
2026-03-11 21:31:00	16.1	13.8	2.3
2026-03-11 21:32:00	16.1	14.3	1.8
2026-03-11 21:33:00	16.4	14.8	1.6
2026-03-11 21:34:00	16.6	15.2	1.4
2026-03-11 21:35:00	16.4	14.9	1.5
2026-03-11 21:36:00	16.3	14.6	1.7
2026-03-11 21:37:00	16.3	14.3	2.0
2026-03-11 21:38:00	16.2	13.9	2.3
2026-03-11 21:39:00	16.2	13.8	2.4
2026-03-11 21:40:00	16.2	13.4	2.8
2026-03-11 21:41:00	16.2	13.5	2.7
2026-03-11 21:42:00	16.1	13.9	2.2
2026-03-11 21:43:00	16.1	14.4	1.7
2026-03-11 21:44:00	16.4	14.9	1.5
2026-03-11 21:45:00	16.6	15.1	1.5
2026-03-11 21:46:00	16.3	14.8	1.5
2026-03-11 21:47:00	16.3	14.4	1.9
2026-03-11 21:48:00	16.3	14.2	2.1
2026-03-11 21:49:00	16.2	13.8	2.4
2026-03-11 21:50:00	16.2	13.7	2.5
2026-03-11 21:51:00	16.2	13.4	2.8
2026-03-11 21:52:00	16.1	13.6	2.5
2026-03-11 21:53:00	16.1	14.0	2.1
2026-03-11 21:54:00	16.2	14.5	1.7
2026-03-11 21:55:00	16.6	15.0	1.6
2026-03-11 21:56:00	16.6	15.0	1.6
2026-03-11 21:57:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 21:58:00	16.2	14.3	1.9
2026-03-11 21:59:00	16.2	13.9	2.3
2026-03-11 22:00:00	16.2	13.7	2.5
2026-03-11 22:01:00	16.2	13.5	2.7
2026-03-11 22:02:00	16.2	13.3	2.9
2026-03-11 22:03:00	16.1	13.6	2.5
2026-03-11 22:04:00	16.1	14.1	2.0
2026-03-11 22:05:00	16.2	14.5	1.7
2026-03-11 22:06:00	16.5	15.1	1.4
2026-03-11 22:07:00	16.5	14.9	1.6
2026-03-11 22:08:00	16.3	14.6	1.7
2026-03-11 22:09:00	16.3	14.2	2.1
2026-03-11 22:10:00	16.2	14.0	2.2
2026-03-11 22:11:00	16.2	13.8	2.4
2026-03-11 22:12:00	16.2	13.5	2.7
2026-03-11 22:13:00	16.1	13.4	2.7
2026-03-11 22:14:00	16.1	13.7	2.4
2026-03-11 22:15:00	16.1	14.2	1.9
2026-03-11 22:16:00	16.3	14.6	1.7
2026-03-11 22:17:00	16.5	15.1	1.4
2026-03-11 22:18:00	16.4	14.9	1.5
2026-03-11 22:19:00	16.2	14.6	1.6
2026-03-11 22:20:00	16.2	14.2	2.0
2026-03-11 22:21:00	16.2	13.9	2.3
2026-03-11 22:22:00	16.2	13.7	2.5
2026-03-11 22:23:00	16.1	13.6	2.5
2026-03-11 22:24:00	16.1	13.4	2.7
2026-03-11 22:25:00	16.1	13.7	2.4
2026-03-11 22:26:00	16.1	14.2	1.9
2026-03-11 22:27:00	16.3	14.8	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 22:28:00	16.6	15.1	1.5
2026-03-11 22:29:00	16.4	14.9	1.5
2026-03-11 22:30:00	16.2	14.6	1.6
2026-03-11 22:31:00	16.2	14.3	1.9
2026-03-11 22:32:00	16.2	13.9	2.3
2026-03-11 22:33:00	16.2	13.8	2.4
2026-03-11 22:34:00	16.2	13.5	2.7
2026-03-11 22:35:00	16.1	13.4	2.7
2026-03-11 22:36:00	16.1	13.8	2.3
2026-03-11 22:37:00	16.1	14.2	1.9
2026-03-11 22:38:00	16.4	14.8	1.6
2026-03-11 22:39:00	16.6	15.1	1.5
2026-03-11 22:40:00	16.5	14.9	1.6
2026-03-11 22:41:00	16.2	14.6	1.6
2026-03-11 22:42:00	16.2	14.3	1.9
2026-03-11 22:43:00	16.2	14.0	2.2
2026-03-11 22:44:00	16.2	13.8	2.4
2026-03-11 22:45:00	16.1	13.4	2.7
2026-03-11 22:46:00	16.1	13.4	2.7
2026-03-11 22:47:00	16.1	13.8	2.3
2026-03-11 22:48:00	16.1	14.3	1.8
2026-03-11 22:49:00	16.4	14.8	1.6
2026-03-11 22:50:00	16.6	15.1	1.5
2026-03-11 22:51:00	16.4	14.9	1.5
2026-03-11 22:52:00	16.2	14.5	1.7
2026-03-11 22:53:00	16.2	14.2	2.0
2026-03-11 22:54:00	16.2	13.9	2.3
2026-03-11 22:55:00	16.2	13.7	2.5
2026-03-11 22:56:00	16.2	13.4	2.8
2026-03-11 22:57:00	16.1	13.4	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 22:58:00	16.1	13.8	2.3
2026-03-11 22:59:00	16.1	14.3	1.8
2026-03-11 23:00:00	16.4	14.8	1.6
2026-03-11 23:01:00	16.6	15.1	1.5
2026-03-11 23:02:00	16.4	14.8	1.6
2026-03-11 23:03:00	16.2	14.4	1.8
2026-03-11 23:04:00	16.2	14.1	2.1
2026-03-11 23:05:00	16.2	13.8	2.4
2026-03-11 23:06:00	16.2	13.7	2.5
2026-03-11 23:07:00	16.1	13.3	2.8
2026-03-11 23:08:00	16.1	13.4	2.7
2026-03-11 23:09:00	16.1	13.8	2.3
2026-03-11 23:10:00	16.1	14.3	1.8
2026-03-11 23:11:00	16.4	14.8	1.6
2026-03-11 23:12:00	16.5	15.1	1.4
2026-03-11 23:13:00	16.3	14.8	1.5
2026-03-11 23:14:00	16.2	14.4	1.8
2026-03-11 23:15:00	16.2	14.1	2.1
2026-03-11 23:16:00	16.2	13.8	2.4
2026-03-11 23:17:00	16.2	13.7	2.5
2026-03-11 23:18:00	16.2	13.4	2.8
2026-03-11 23:19:00	16.1	13.5	2.6
2026-03-11 23:20:00	16.1	13.9	2.2
2026-03-11 23:21:00	16.1	14.3	1.8
2026-03-11 23:22:00	16.4	14.8	1.6
2026-03-11 23:23:00	16.6	15.1	1.5
2026-03-11 23:24:00	16.3	14.8	1.5
2026-03-11 23:25:00	16.2	14.5	1.7
2026-03-11 23:26:00	16.2	14.1	2.1
2026-03-11 23:27:00	16.2	13.9	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 23:28:00	16.2	13.7	2.5
2026-03-11 23:29:00	16.2	13.3	2.9
2026-03-11 23:30:00	16.1	13.4	2.7
2026-03-11 23:31:00	16.1	13.8	2.3
2026-03-11 23:32:00	16.1	14.4	1.7
2026-03-11 23:33:00	16.4	14.8	1.6
2026-03-11 23:34:00	16.6	15.2	1.4
2026-03-11 23:35:00	16.3	14.8	1.5
2026-03-11 23:36:00	16.2	14.5	1.7
2026-03-11 23:37:00	16.2	14.1	2.1
2026-03-11 23:38:00	16.2	13.8	2.4
2026-03-11 23:39:00	16.2	13.7	2.5
2026-03-11 23:40:00	16.1	13.4	2.7
2026-03-11 23:41:00	16.1	13.4	2.7
2026-03-11 23:42:00	16.1	13.8	2.3
2026-03-11 23:43:00	16.1	14.3	1.8
2026-03-11 23:44:00	16.3	14.7	1.6
2026-03-11 23:45:00	16.6	15.2	1.4
2026-03-11 23:46:00	16.4	14.8	1.6
2026-03-11 23:47:00	16.2	14.5	1.7
2026-03-11 23:48:00	16.2	14.2	2.0
2026-03-11 23:49:00	16.2	13.8	2.4
2026-03-11 23:50:00	16.2	13.7	2.5
2026-03-11 23:51:00	16.1	13.4	2.7
2026-03-11 23:52:00	16.1	13.4	2.7
2026-03-11 23:53:00	16.0	13.7	2.3
2026-03-11 23:54:00	16.0	14.2	1.8
2026-03-11 23:55:00	16.2	14.6	1.6
2026-03-11 23:56:00	16.5	15.1	1.4
2026-03-11 23:57:00	16.5	14.9	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-11 23:58:00	16.2	14.6	1.6
2026-03-11 23:59:00	16.2	14.2	2.0
2026-03-12 00:00:00	16.2	13.8	2.4
2026-03-12 00:01:00	16.2	13.7	2.5
2026-03-12 00:02:00	16.1	13.4	2.7
2026-03-12 00:03:00	16.1	13.2	2.9
2026-03-12 00:04:00	16.0	13.5	2.5
2026-03-12 00:05:00	16.0	14.0	2.0
2026-03-12 00:06:00	16.1	14.5	1.6
2026-03-12 00:07:00	16.5	15.0	1.5
2026-03-12 00:08:00	16.5	15.0	1.5
2026-03-12 00:09:00	16.2	14.7	1.5
2026-03-12 00:10:00	16.2	14.3	1.9
2026-03-12 00:11:00	16.2	13.9	2.3
2026-03-12 00:12:00	16.2	13.7	2.5
2026-03-12 00:13:00	16.2	13.6	2.6
2026-03-12 00:14:00	16.1	13.3	2.8
2026-03-12 00:15:00	16.1	13.5	2.6
2026-03-12 00:16:00	16.0	13.9	2.1
2026-03-12 00:17:00	16.0	14.4	1.6
2026-03-12 00:18:00	16.4	14.9	1.5
2026-03-12 00:19:00	16.6	15.1	1.5
2026-03-12 00:20:00	16.3	14.7	1.6
2026-03-12 00:21:00	16.2	14.3	1.9
2026-03-12 00:22:00	16.2	14.0	2.2
2026-03-12 00:23:00	16.2	13.8	2.4
2026-03-12 00:24:00	16.2	13.7	2.5
2026-03-12 00:25:00	16.1	13.4	2.7
2026-03-12 00:26:00	16.0	13.4	2.6
2026-03-12 00:27:00	16.0	13.9	2.1

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 00:28:00	16.0	14.4	1.6
2026-03-12 00:29:00	16.4	14.9	1.5
2026-03-12 00:30:00	16.6	15.2	1.4
2026-03-12 00:31:00	16.3	14.8	1.5
2026-03-12 00:32:00	16.2	14.5	1.7
2026-03-12 00:33:00	16.2	14.1	2.1
2026-03-12 00:34:00	16.2	13.8	2.4
2026-03-12 00:35:00	16.2	13.7	2.5
2026-03-12 00:36:00	16.1	13.4	2.7
2026-03-12 00:37:00	16.1	13.4	2.7
2026-03-12 00:38:00	16.0	13.8	2.2
2026-03-12 00:39:00	16.0	14.3	1.7
2026-03-12 00:40:00	16.3	14.8	1.5
2026-03-12 00:41:00	16.6	15.1	1.5
2026-03-12 00:42:00	16.4	14.9	1.5
2026-03-12 00:43:00	16.2	14.4	1.8
2026-03-12 00:44:00	16.2	14.1	2.1
2026-03-12 00:45:00	16.2	13.8	2.4
2026-03-12 00:46:00	16.2	13.7	2.5
2026-03-12 00:47:00	16.1	13.5	2.6
2026-03-12 00:48:00	16.1	13.4	2.7
2026-03-12 00:49:00	16.0	13.7	2.3
2026-03-12 00:50:00	16.0	14.2	1.8
2026-03-12 00:51:00	16.3	14.7	1.6
2026-03-12 00:52:00	16.5	15.1	1.4
2026-03-12 00:53:00	16.4	14.8	1.6
2026-03-12 00:54:00	16.2	14.4	1.8
2026-03-12 00:55:00	16.2	14.1	2.1
2026-03-12 00:56:00	16.2	13.8	2.4
2026-03-12 00:57:00	16.2	13.7	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 00:58:00	16.1	13.5	2.6
2026-03-12 00:59:00	16.1	13.4	2.7
2026-03-12 01:00:00	16.1	13.8	2.3
2026-03-12 01:01:00	16.1	14.3	1.8
2026-03-12 01:02:00	16.3	14.8	1.5
2026-03-12 01:03:00	16.5	15.0	1.5
2026-03-12 01:04:00	16.3	14.8	1.5
2026-03-12 01:05:00	16.2	14.4	1.8
2026-03-12 01:06:00	16.2	14.1	2.1
2026-03-12 01:07:00	16.2	13.8	2.4
2026-03-12 01:08:00	16.1	13.7	2.4
2026-03-12 01:09:00	16.1	13.4	2.7
2026-03-12 01:10:00	16.1	13.4	2.7
2026-03-12 01:11:00	16.0	13.8	2.2
2026-03-12 01:12:00	16.0	14.4	1.6
2026-03-12 01:13:00	16.4	14.8	1.6
2026-03-12 01:14:00	16.6	15.1	1.5
2026-03-12 01:15:00	16.3	14.8	1.5
2026-03-12 01:16:00	16.2	14.4	1.8
2026-03-12 01:17:00	16.2	14.2	2.0
2026-03-12 01:18:00	16.2	13.8	2.4
2026-03-12 01:19:00	16.1	13.7	2.4
2026-03-12 01:20:00	16.1	13.4	2.7
2026-03-12 01:21:00	16.1	13.4	2.7
2026-03-12 01:22:00	16.0	13.8	2.2
2026-03-12 01:23:00	16.0	14.3	1.7
2026-03-12 01:24:00	16.3	14.8	1.5
2026-03-12 01:25:00	16.6	15.1	1.5
2026-03-12 01:26:00	16.3	14.8	1.5
2026-03-12 01:27:00	16.2	14.4	1.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 01:28:00	16.2	14.0	2.2
2026-03-12 01:29:00	16.2	13.8	2.4
2026-03-12 01:30:00	16.1	13.7	2.4
2026-03-12 01:31:00	16.1	13.4	2.7
2026-03-12 01:32:00	16.1	13.4	2.7
2026-03-12 01:33:00	16.0	13.8	2.2
2026-03-12 01:34:00	16.0	14.2	1.8
2026-03-12 01:35:00	16.2	14.8	1.4
2026-03-12 01:36:00	16.5	15.1	1.4
2026-03-12 01:37:00	16.4	14.9	1.5
2026-03-12 01:38:00	16.2	14.6	1.6
2026-03-12 01:39:00	16.2	14.2	2.0
2026-03-12 01:40:00	16.2	13.9	2.3
2026-03-12 01:41:00	16.2	13.7	2.5
2026-03-12 01:42:00	16.1	13.4	2.7
2026-03-12 01:43:00	16.1	13.4	2.7
2026-03-12 01:44:00	16.0	13.6	2.4
2026-03-12 01:45:00	16.0	14.0	2.0
2026-03-12 01:46:00	16.2	14.5	1.7
2026-03-12 01:47:00	16.5	15.0	1.5
2026-03-12 01:48:00	16.6	15.1	1.5
2026-03-12 01:49:00	16.2	14.8	1.4
2026-03-12 01:50:00	16.2	14.3	1.9
2026-03-12 01:51:00	16.2	13.9	2.3
2026-03-12 01:52:00	16.2	13.6	2.6
2026-03-12 01:53:00	16.1	13.6	2.5
2026-03-12 01:54:00	16.1	13.3	2.8
2026-03-12 01:55:00	16.0	13.5	2.5
2026-03-12 01:56:00	16.0	13.9	2.1
2026-03-12 01:57:00	16.0	14.4	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 01:58:00	16.4	14.9	1.5
2026-03-12 01:59:00	16.6	15.1	1.5
2026-03-12 02:00:00	16.3	14.8	1.5
2026-03-12 02:01:00	16.2	14.3	1.9
2026-03-12 02:02:00	16.2	14.0	2.2
2026-03-12 02:03:00	16.2	13.7	2.5
2026-03-12 02:04:00	16.1	13.6	2.5
2026-03-12 02:05:00	16.1	13.3	2.8
2026-03-12 02:06:00	16.0	13.3	2.7
2026-03-12 02:07:00	16.0	13.7	2.3
2026-03-12 02:08:00	16.0	14.2	1.8
2026-03-12 02:09:00	16.3	14.7	1.6
2026-03-12 02:10:00	16.5	15.1	1.4
2026-03-12 02:11:00	16.5	15.0	1.5
2026-03-12 02:12:00	16.2	14.6	1.6
2026-03-12 02:13:00	16.2	14.2	2.0
2026-03-12 02:14:00	16.2	13.9	2.3
2026-03-12 02:15:00	16.1	13.6	2.5
2026-03-12 02:16:00	16.1	13.4	2.7
2026-03-12 02:17:00	16.0	13.2	2.8
2026-03-12 02:18:00	16.0	13.5	2.5
2026-03-12 02:19:00	16.0	14.0	2.0
2026-03-12 02:20:00	16.1	14.5	1.6
2026-03-12 02:21:00	16.4	15.0	1.4
2026-03-12 02:22:00	16.5	15.0	1.5
2026-03-12 02:23:00	16.2	14.8	1.4
2026-03-12 02:24:00	16.2	14.3	1.9
2026-03-12 02:25:00	16.2	14.0	2.2
2026-03-12 02:26:00	16.2	13.7	2.5
2026-03-12 02:27:00	16.1	13.6	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 02:28:00	16.1	13.3	2.8
2026-03-12 02:29:00	16.0	13.4	2.6
2026-03-12 02:30:00	16.0	13.8	2.2
2026-03-12 02:31:00	16.0	14.4	1.6
2026-03-12 02:32:00	16.4	14.8	1.6
2026-03-12 02:33:00	16.6	15.1	1.5
2026-03-12 02:34:00	16.3	14.8	1.5
2026-03-12 02:35:00	16.2	14.4	1.8
2026-03-12 02:36:00	16.2	14.1	2.1
2026-03-12 02:37:00	16.1	13.7	2.4
2026-03-12 02:38:00	16.1	13.6	2.5
2026-03-12 02:39:00	16.0	13.4	2.6
2026-03-12 02:40:00	16.0	13.4	2.6
2026-03-12 02:41:00	16.0	13.7	2.3
2026-03-12 02:42:00	16.0	14.2	1.8
2026-03-12 02:43:00	16.3	14.6	1.7
2026-03-12 02:44:00	16.5	15.0	1.5
2026-03-12 02:45:00	16.5	14.9	1.6
2026-03-12 02:46:00	16.2	14.6	1.6
2026-03-12 02:47:00	16.2	14.3	1.9
2026-03-12 02:48:00	16.2	14.0	2.2
2026-03-12 02:49:00	16.1	13.7	2.4
2026-03-12 02:50:00	16.1	13.5	2.6
2026-03-12 02:51:00	16.0	13.3	2.7
2026-03-12 02:52:00	16.0	13.5	2.5
2026-03-12 02:53:00	16.0	14.0	2.0
2026-03-12 02:54:00	16.1	14.5	1.6
2026-03-12 02:55:00	16.5	15.0	1.5
2026-03-12 02:56:00	16.6	15.0	1.6
2026-03-12 02:57:00	16.2	14.7	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 02:58:00	16.2	14.4	1.8
2026-03-12 02:59:00	16.2	14.0	2.2
2026-03-12 03:00:00	16.2	13.7	2.5
2026-03-12 03:01:00	16.1	13.7	2.4
2026-03-12 03:02:00	16.1	13.4	2.7
2026-03-12 03:03:00	16.0	13.5	2.5
2026-03-12 03:04:00	16.0	13.9	2.1
2026-03-12 03:05:00	16.0	14.4	1.6
2026-03-12 03:06:00	16.4	14.9	1.5
2026-03-12 03:07:00	16.6	15.1	1.5
2026-03-12 03:08:00	16.3	14.8	1.5
2026-03-12 03:09:00	16.2	14.4	1.8
2026-03-12 03:10:00	16.2	14.1	2.1
2026-03-12 03:11:00	16.2	13.8	2.4
2026-03-12 03:12:00	16.1	13.7	2.4
2026-03-12 03:13:00	16.1	13.3	2.8
2026-03-12 03:14:00	16.0	13.3	2.7
2026-03-12 03:15:00	16.0	13.7	2.3
2026-03-12 03:16:00	16.0	14.1	1.9
2026-03-12 03:17:00	16.2	14.7	1.5
2026-03-12 03:18:00	16.5	15.1	1.4
2026-03-12 03:19:00	16.5	15.0	1.5
2026-03-12 03:20:00	16.2	14.7	1.5
2026-03-12 03:21:00	16.2	14.3	1.9
2026-03-12 03:22:00	16.2	14.0	2.2
2026-03-12 03:23:00	16.2	13.7	2.5
2026-03-12 03:24:00	16.1	13.4	2.7
2026-03-12 03:25:00	16.0	13.2	2.8
2026-03-12 03:26:00	16.0	13.4	2.6
2026-03-12 03:27:00	16.0	14.0	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 03:28:00	16.0	14.4	1.6
2026-03-12 03:29:00	16.4	15.0	1.4
2026-03-12 03:30:00	16.5	15.0	1.5
2026-03-12 03:31:00	16.2	14.7	1.5
2026-03-12 03:32:00	16.2	14.3	1.9
2026-03-12 03:33:00	16.2	14.0	2.2
2026-03-12 03:34:00	16.1	13.7	2.4
2026-03-12 03:35:00	16.1	13.6	2.5
2026-03-12 03:36:00	16.1	13.2	2.9
2026-03-12 03:37:00	16.0	13.3	2.7
2026-03-12 03:38:00	16.0	13.7	2.3
2026-03-12 03:39:00	16.0	14.2	1.8
2026-03-12 03:40:00	16.2	14.8	1.4
2026-03-12 03:41:00	16.5	15.0	1.5
2026-03-12 03:42:00	16.2	14.8	1.4
2026-03-12 03:43:00	16.2	14.4	1.8
2026-03-12 03:44:00	16.2	14.1	2.1
2026-03-12 03:45:00	16.1	13.7	2.4
2026-03-12 03:46:00	16.1	13.5	2.6
2026-03-12 03:47:00	16.0	13.4	2.6
2026-03-12 03:48:00	16.0	13.3	2.7
2026-03-12 03:49:00	16.0	13.6	2.4
2026-03-12 03:50:00	16.0	14.1	1.9
2026-03-12 03:51:00	16.2	14.6	1.6
2026-03-12 03:52:00	16.5	15.0	1.5
2026-03-12 03:53:00	16.6	15.0	1.6
2026-03-12 03:54:00	16.3	14.7	1.6
2026-03-12 03:55:00	16.2	14.3	1.9
2026-03-12 03:56:00	16.2	14.0	2.2
2026-03-12 03:57:00	16.1	13.7	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 03:58:00	16.1	13.6	2.5
2026-03-12 03:59:00	16.1	13.3	2.8
2026-03-12 04:00:00	16.0	13.5	2.5
2026-03-12 04:01:00	16.0	13.9	2.1
2026-03-12 04:02:00	16.0	14.5	1.5
2026-03-12 04:03:00	16.4	14.9	1.5
2026-03-12 04:04:00	16.5	15.1	1.4
2026-03-12 04:05:00	16.3	14.8	1.5
2026-03-12 04:06:00	16.2	14.4	1.8
2026-03-12 04:07:00	16.2	14.0	2.2
2026-03-12 04:08:00	16.1	13.7	2.4
2026-03-12 04:09:00	16.1	13.7	2.4
2026-03-12 04:10:00	16.1	13.3	2.8
2026-03-12 04:11:00	16.0	13.3	2.7
2026-03-12 04:12:00	16.0	13.6	2.4
2026-03-12 04:13:00	16.0	14.1	1.9
2026-03-12 04:14:00	16.2	14.6	1.6
2026-03-12 04:15:00	16.5	15.1	1.4
2026-03-12 04:16:00	16.4	15.0	1.4
2026-03-12 04:17:00	16.2	14.6	1.6
2026-03-12 04:18:00	16.2	14.3	1.9
2026-03-12 04:19:00	16.2	13.9	2.3
2026-03-12 04:20:00	16.1	13.6	2.5
2026-03-12 04:21:00	16.1	13.5	2.6
2026-03-12 04:22:00	16.0	13.3	2.7
2026-03-12 04:23:00	16.0	13.5	2.5
2026-03-12 04:24:00	16.0	13.9	2.1
2026-03-12 04:25:00	16.1	14.5	1.6
2026-03-12 04:26:00	16.4	14.9	1.5
2026-03-12 04:27:00	16.5	15.1	1.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 04:28:00	16.2	14.7	1.5
2026-03-12 04:29:00	16.2	14.4	1.8
2026-03-12 04:30:00	16.1	14.0	2.1
2026-03-12 04:31:00	16.1	13.6	2.5
2026-03-12 04:32:00	16.1	13.6	2.5
2026-03-12 04:33:00	16.0	13.3	2.7
2026-03-12 04:34:00	16.0	13.4	2.6
2026-03-12 04:35:00	16.0	13.7	2.3
2026-03-12 04:36:00	16.0	14.2	1.8
2026-03-12 04:37:00	16.2	14.7	1.5
2026-03-12 04:38:00	16.5	15.1	1.4
2026-03-12 04:39:00	16.4	14.9	1.5
2026-03-12 04:40:00	16.2	14.5	1.7
2026-03-12 04:41:00	16.2	14.2	2.0
2026-03-12 04:42:00	16.1	13.8	2.3
2026-03-12 04:43:00	16.1	13.6	2.5
2026-03-12 04:44:00	16.1	13.4	2.7
2026-03-12 04:45:00	16.0	13.3	2.7
2026-03-12 04:46:00	16.0	13.5	2.5
2026-03-12 04:47:00	16.0	14.0	2.0
2026-03-12 04:48:00	16.0	14.5	1.5
2026-03-12 04:49:00	16.4	15.0	1.4
2026-03-12 04:50:00	16.5	15.0	1.5
2026-03-12 04:51:00	16.2	14.7	1.5
2026-03-12 04:52:00	16.2	14.4	1.8
2026-03-12 04:53:00	16.1	14.0	2.1
2026-03-12 04:54:00	16.1	13.7	2.4
2026-03-12 04:55:00	16.1	13.7	2.4
2026-03-12 04:56:00	16.0	13.2	2.8
2026-03-12 04:57:00	16.0	13.4	2.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 04:58:00	16.0	13.7	2.3
2026-03-12 04:59:00	16.0	14.3	1.7
2026-03-12 05:00:00	16.3	14.8	1.5
2026-03-12 05:01:00	16.6	15.1	1.5
2026-03-12 05:02:00	16.4	14.9	1.5
2026-03-12 05:03:00	16.2	14.5	1.7
2026-03-12 05:04:00	16.2	14.1	2.1
2026-03-12 05:05:00	16.1	13.8	2.3
2026-03-12 05:06:00	16.1	13.6	2.5
2026-03-12 05:07:00	16.1	13.4	2.7
2026-03-12 05:08:00	16.0	13.3	2.7
2026-03-12 05:09:00	16.0	13.6	2.4
2026-03-12 05:10:00	16.0	14.0	2.0
2026-03-12 05:11:00	16.1	14.5	1.6
2026-03-12 05:12:00	16.4	15.0	1.4
2026-03-12 05:13:00	16.5	15.0	1.5
2026-03-12 05:14:00	16.2	14.7	1.5
2026-03-12 05:15:00	16.2	14.2	2.0
2026-03-12 05:16:00	16.2	13.8	2.4
2026-03-12 05:17:00	16.1	13.6	2.5
2026-03-12 05:18:00	16.1	13.6	2.5
2026-03-12 05:19:00	16.0	13.3	2.7
2026-03-12 05:20:00	16.0	13.4	2.6
2026-03-12 05:21:00	16.0	13.8	2.2
2026-03-12 05:22:00	16.0	14.3	1.7
2026-03-12 05:23:00	16.3	14.8	1.5
2026-03-12 05:24:00	16.5	15.1	1.4
2026-03-12 05:25:00	16.5	15.0	1.5
2026-03-12 05:26:00	16.2	14.6	1.6
2026-03-12 05:27:00	16.2	14.2	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 05:28:00	16.1	13.9	2.2
2026-03-12 05:29:00	16.1	13.7	2.4
2026-03-12 05:30:00	16.1	13.5	2.6
2026-03-12 05:31:00	16.0	13.2	2.8
2026-03-12 05:32:00	16.0	13.4	2.6
2026-03-12 05:33:00	16.0	13.8	2.2
2026-03-12 05:34:00	16.1	14.4	1.7
2026-03-12 05:35:00	16.4	14.8	1.6
2026-03-12 05:36:00	16.6	15.2	1.4
2026-03-12 05:37:00	16.4	14.9	1.5
2026-03-12 05:38:00	16.2	14.4	1.8
2026-03-12 05:39:00	16.2	14.1	2.1
2026-03-12 05:40:00	16.1	13.8	2.3
2026-03-12 05:41:00	16.1	13.7	2.4
2026-03-12 05:42:00	16.0	13.4	2.6
2026-03-12 05:43:00	16.0	13.3	2.7
2026-03-12 05:44:00	16.0	13.6	2.4
2026-03-12 05:45:00	16.0	14.1	1.9
2026-03-12 05:46:00	16.1	14.6	1.5
2026-03-12 05:47:00	16.4	15.0	1.4
2026-03-12 05:48:00	16.5	15.0	1.5
2026-03-12 05:49:00	16.2	14.7	1.5
2026-03-12 05:50:00	16.2	14.3	1.9
2026-03-12 05:51:00	16.1	14.0	2.1
2026-03-12 05:52:00	16.1	13.6	2.5
2026-03-12 05:53:00	16.1	13.5	2.6
2026-03-12 05:54:00	16.0	13.3	2.7
2026-03-12 05:55:00	16.0	13.4	2.6
2026-03-12 05:56:00	16.0	13.8	2.2
2026-03-12 05:57:00	16.0	14.3	1.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 05:58:00	16.2	14.8	1.4
2026-03-12 05:59:00	16.5	15.1	1.4
2026-03-12 06:00:00	16.3	14.8	1.5
2026-03-12 06:01:00	16.2	14.4	1.8
2026-03-12 06:02:00	16.2	14.1	2.1
2026-03-12 06:03:00	16.2	13.8	2.4
2026-03-12 06:04:00	16.1	13.6	2.5
2026-03-12 06:05:00	16.1	13.4	2.7
2026-03-12 06:06:00	16.0	13.3	2.7
2026-03-12 06:07:00	16.0	13.6	2.4
2026-03-12 06:08:00	16.0	14.1	1.9
2026-03-12 06:09:00	16.1	14.5	1.6
2026-03-12 06:10:00	16.4	15.0	1.4
2026-03-12 06:11:00	16.5	15.1	1.4
2026-03-12 06:12:00	16.2	14.7	1.5
2026-03-12 06:13:00	16.2	14.3	1.9
2026-03-12 06:14:00	16.1	14.0	2.1
2026-03-12 06:15:00	16.1	13.7	2.4
2026-03-12 06:16:00	16.1	13.6	2.5
2026-03-12 06:17:00	16.0	13.3	2.7
2026-03-12 06:18:00	16.0	13.3	2.7
2026-03-12 06:19:00	16.0	13.7	2.3
2026-03-12 06:20:00	16.0	14.2	1.8
2026-03-12 06:21:00	16.2	14.7	1.5
2026-03-12 06:22:00	16.5	15.0	1.5
2026-03-12 06:23:00	16.5	15.0	1.5
2026-03-12 06:24:00	16.2	14.6	1.6
2026-03-12 06:25:00	16.2	14.2	2.0
2026-03-12 06:26:00	16.2	13.8	2.4
2026-03-12 06:27:00	16.1	13.6	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 06:28:00	16.1	13.4	2.7
2026-03-12 06:29:00	16.1	13.2	2.9
2026-03-12 06:30:00	16.0	13.4	2.6
2026-03-12 06:31:00	16.0	13.8	2.2
2026-03-12 06:32:00	16.0	14.4	1.6
2026-03-12 06:33:00	16.3	14.8	1.5
2026-03-12 06:34:00	16.5	15.1	1.4
2026-03-12 06:35:00	16.3	14.8	1.5
2026-03-12 06:36:00	16.2	14.5	1.7
2026-03-12 06:37:00	16.1	14.1	2.0
2026-03-12 06:38:00	16.1	13.8	2.3
2026-03-12 06:39:00	16.0	13.6	2.4
2026-03-12 06:40:00	16.0	13.4	2.6
2026-03-12 06:41:00	16.0	13.3	2.7
2026-03-12 06:42:00	16.0	13.6	2.4
2026-03-12 06:43:00	16.0	14.1	1.9
2026-03-12 06:44:00	16.1	14.6	1.5
2026-03-12 06:45:00	16.5	15.0	1.5
2026-03-12 06:46:00	16.6	15.1	1.5
2026-03-12 06:47:00	16.3	14.7	1.6
2026-03-12 06:48:00	16.2	14.4	1.8
2026-03-12 06:49:00	16.2	14.0	2.2
2026-03-12 06:50:00	16.1	13.7	2.4
2026-03-12 06:51:00	16.1	13.6	2.5
2026-03-12 06:52:00	16.1	13.3	2.8
2026-03-12 06:53:00	16.0	13.4	2.6
2026-03-12 06:54:00	16.0	13.7	2.3
2026-03-12 06:55:00	16.0	14.3	1.7
2026-03-12 06:56:00	16.2	14.7	1.5
2026-03-12 06:57:00	16.5	15.1	1.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 06:58:00	16.4	14.9	1.5
2026-03-12 06:59:00	16.2	14.5	1.7
2026-03-12 07:00:00	16.2	14.1	2.1
2026-03-12 07:01:00	16.1	13.7	2.4
2026-03-12 07:02:00	16.1	13.5	2.6
2026-03-12 07:03:00	16.0	13.4	2.6
2026-03-12 07:04:00	16.0	13.3	2.7
2026-03-12 07:05:00	16.0	13.6	2.4
2026-03-12 07:06:00	16.0	14.1	1.9
2026-03-12 07:07:00	16.2	14.5	1.7
2026-03-12 07:08:00	16.5	15.0	1.5
2026-03-12 07:09:00	16.6	15.0	1.6
2026-03-12 07:10:00	16.2	14.7	1.5
2026-03-12 07:11:00	16.2	14.2	2.0
2026-03-12 07:12:00	16.2	13.9	2.3
2026-03-12 07:13:00	16.1	13.6	2.5
2026-03-12 07:14:00	16.1	13.5	2.6
2026-03-12 07:15:00	16.0	13.3	2.7
2026-03-12 07:16:00	16.0	13.3	2.7
2026-03-12 07:17:00	16.0	13.7	2.3
2026-03-12 07:18:00	16.0	14.2	1.8
2026-03-12 07:19:00	16.2	14.7	1.5
2026-03-12 07:20:00	16.5	15.1	1.4
2026-03-12 07:21:00	16.5	14.9	1.6
2026-03-12 07:22:00	16.2	14.5	1.7
2026-03-12 07:23:00	16.1	14.2	1.9
2026-03-12 07:24:00	16.1	13.8	2.3
2026-03-12 07:25:00	16.1	13.6	2.5
2026-03-12 07:26:00	16.0	13.4	2.6
2026-03-12 07:27:00	16.0	13.2	2.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 07:28:00	16.0	13.5	2.5
2026-03-12 07:29:00	16.0	13.9	2.1
2026-03-12 07:30:00	16.0	14.5	1.5
2026-03-12 07:31:00	16.4	15.0	1.4
2026-03-12 07:32:00	16.5	15.1	1.4
2026-03-12 07:33:00	16.2	14.8	1.4
2026-03-12 07:34:00	16.2	14.4	1.8
2026-03-12 07:35:00	16.1	14.0	2.1
2026-03-12 07:36:00	16.1	13.7	2.4
2026-03-12 07:37:00	16.1	13.6	2.5
2026-03-12 07:38:00	16.0	13.4	2.6
2026-03-12 07:39:00	16.0	13.4	2.6
2026-03-12 07:40:00	16.0	13.7	2.3
2026-03-12 07:41:00	16.0	14.2	1.8
2026-03-12 07:42:00	16.2	14.7	1.5
2026-03-12 07:43:00	16.4	15.0	1.4
2026-03-12 07:44:00	16.4	14.9	1.5
2026-03-12 07:45:00	16.2	14.5	1.7
2026-03-12 07:46:00	16.2	14.2	2.0
2026-03-12 07:47:00	16.1	13.8	2.3
2026-03-12 07:48:00	16.1	13.6	2.5
2026-03-12 07:49:00	16.1	13.4	2.7
2026-03-12 07:50:00	16.0	13.2	2.8
2026-03-12 07:51:00	16.0	13.5	2.5
2026-03-12 07:52:00	16.0	13.9	2.1
2026-03-12 07:53:00	16.0	14.5	1.5
2026-03-12 07:54:00	16.4	15.0	1.4
2026-03-12 07:55:00	16.5	14.9	1.6
2026-03-12 07:56:00	16.2	14.7	1.5
2026-03-12 07:57:00	16.2	14.2	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 07:58:00	16.2	14.0	2.2
2026-03-12 07:59:00	16.1	13.7	2.4
2026-03-12 08:00:00	16.1	13.6	2.5
2026-03-12 08:01:00	16.0	13.3	2.7
2026-03-12 08:02:00	16.0	13.4	2.6
2026-03-12 08:03:00	16.0	13.8	2.2
2026-03-12 08:04:00	16.0	14.4	1.6
2026-03-12 08:05:00	16.3	14.8	1.5
2026-03-12 08:06:00	16.5	15.1	1.4
2026-03-12 08:07:00	16.4	14.8	1.6
2026-03-12 08:08:00	16.2	14.4	1.8
2026-03-12 08:09:00	16.1	14.1	2.0
2026-03-12 08:10:00	16.1	13.8	2.3
2026-03-12 08:11:00	16.0	13.7	2.3
2026-03-12 08:12:00	16.0	13.4	2.6
2026-03-12 08:13:00	16.0	13.4	2.6
2026-03-12 08:14:00	15.9	13.7	2.2
2026-03-12 08:15:00	15.9	14.2	1.7
2026-03-12 08:16:00	16.3	14.7	1.6
2026-03-12 08:17:00	16.6	15.1	1.5
2026-03-12 08:18:00	16.5	14.9	1.6
2026-03-12 08:19:00	16.2	14.5	1.7
2026-03-12 08:20:00	16.1	14.2	1.9
2026-03-12 08:21:00	16.1	13.8	2.3
2026-03-12 08:22:00	16.1	13.7	2.4
2026-03-12 08:23:00	16.0	13.5	2.5
2026-03-12 08:24:00	16.0	13.4	2.6
2026-03-12 08:25:00	16.0	13.8	2.2
2026-03-12 08:26:00	16.0	14.2	1.8
2026-03-12 08:27:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 08:28:00	16.5	15.1	1.4
2026-03-12 08:29:00	16.3	14.8	1.5
2026-03-12 08:30:00	16.2	14.5	1.7
2026-03-12 08:31:00	16.2	14.2	2.0
2026-03-12 08:32:00	16.2	13.9	2.3
2026-03-12 08:33:00	16.1	13.7	2.4
2026-03-12 08:34:00	16.1	13.4	2.7
2026-03-12 08:35:00	16.0	13.4	2.6
2026-03-12 08:36:00	16.0	13.8	2.2
2026-03-12 08:37:00	16.0	14.2	1.8
2026-03-12 08:38:00	16.2	14.7	1.5
2026-03-12 08:39:00	16.5	15.1	1.4
2026-03-12 08:40:00	16.4	14.9	1.5
2026-03-12 08:41:00	16.2	14.6	1.6
2026-03-12 08:42:00	16.2	14.2	2.0
2026-03-12 08:43:00	16.2	13.9	2.3
2026-03-12 08:44:00	16.2	13.7	2.5
2026-03-12 08:45:00	16.1	13.4	2.7
2026-03-12 08:46:00	16.1	13.4	2.7
2026-03-12 08:47:00	16.1	13.7	2.4
2026-03-12 08:48:00	16.1	14.1	2.0
2026-03-12 08:49:00	16.2	14.7	1.5
2026-03-12 08:50:00	16.5	15.1	1.4
2026-03-12 08:51:00	16.4	14.9	1.5
2026-03-12 08:52:00	16.2	14.6	1.6
2026-03-12 08:53:00	16.2	14.2	2.0
2026-03-12 08:54:00	16.2	13.8	2.4
2026-03-12 08:55:00	16.2	13.7	2.5
2026-03-12 08:56:00	16.2	13.4	2.8
2026-03-12 08:57:00	16.1	13.3	2.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 08:58:00	16.1	13.7	2.4
2026-03-12 08:59:00	16.1	14.2	1.9
2026-03-12 09:00:00	16.3	14.7	1.6
2026-03-12 09:01:00	16.6	15.1	1.5
2026-03-12 09:02:00	16.4	15.0	1.4
2026-03-12 09:03:00	16.3	14.6	1.7
2026-03-12 09:04:00	16.3	14.1	2.2
2026-03-12 09:05:00	16.3	13.9	2.4
2026-03-12 09:06:00	16.3	13.7	2.6
2026-03-12 09:07:00	16.2	13.6	2.6
2026-03-12 09:08:00	16.2	13.4	2.8
2026-03-12 09:09:00	16.2	13.7	2.5
2026-03-12 09:10:00	16.2	14.2	2.0
2026-03-12 09:11:00	16.3	14.7	1.6
2026-03-12 09:12:00	16.5	15.1	1.4
2026-03-12 09:13:00	16.5	14.9	1.6
2026-03-12 09:14:00	16.3	14.6	1.7
2026-03-12 09:15:00	16.3	14.2	2.1
2026-03-12 09:16:00	16.3	13.9	2.4
2026-03-12 09:17:00	16.3	13.7	2.6
2026-03-12 09:18:00	16.3	13.5	2.8
2026-03-12 09:19:00	16.2	13.4	2.8
2026-03-12 09:20:00	16.2	13.8	2.4
2026-03-12 09:21:00	16.2	14.2	2.0
2026-03-12 09:22:00	16.3	14.7	1.6
2026-03-12 09:23:00	16.6	15.1	1.5
2026-03-12 09:24:00	16.4	14.9	1.5
2026-03-12 09:25:00	16.3	14.6	1.7
2026-03-12 09:26:00	16.3	14.2	2.1
2026-03-12 09:27:00	16.3	13.8	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 09:28:00	16.3	13.7	2.6
2026-03-12 09:29:00	16.3	13.5	2.8
2026-03-12 09:30:00	16.2	13.5	2.7
2026-03-12 09:31:00	16.2	13.8	2.4
2026-03-12 09:32:00	16.2	14.4	1.8
2026-03-12 09:33:00	16.4	14.8	1.6
2026-03-12 09:34:00	16.6	15.1	1.5
2026-03-12 09:35:00	16.3	14.8	1.5
2026-03-12 09:36:00	16.3	14.5	1.8
2026-03-12 09:37:00	16.3	14.2	2.1
2026-03-12 09:38:00	16.3	13.8	2.5
2026-03-12 09:39:00	16.3	13.8	2.5
2026-03-12 09:40:00	16.3	13.5	2.8
2026-03-12 09:41:00	16.2	13.6	2.6
2026-03-12 09:42:00	16.2	14.0	2.2
2026-03-12 09:43:00	16.2	14.5	1.7
2026-03-12 09:44:00	16.4	14.9	1.5
2026-03-12 09:45:00	16.5	15.0	1.5
2026-03-12 09:46:00	16.3	14.7	1.6
2026-03-12 09:47:00	16.3	14.3	2.0
2026-03-12 09:48:00	16.3	14.0	2.3
2026-03-12 09:49:00	16.3	13.6	2.7
2026-03-12 09:50:00	16.3	13.7	2.6
2026-03-12 09:51:00	16.2	13.5	2.7
2026-03-12 09:52:00	16.2	13.7	2.5
2026-03-12 09:53:00	16.2	14.1	2.1
2026-03-12 09:54:00	16.3	14.6	1.7
2026-03-12 09:55:00	16.5	15.1	1.4
2026-03-12 09:56:00	16.5	15.0	1.5
2026-03-12 09:57:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 09:58:00	16.3	14.4	1.9
2026-03-12 09:59:00	16.3	14.0	2.3
2026-03-12 10:00:00	16.3	13.7	2.6
2026-03-12 10:01:00	16.2	13.7	2.5
2026-03-12 10:02:00	16.2	13.5	2.7
2026-03-12 10:03:00	16.2	13.8	2.4
2026-03-12 10:04:00	16.2	14.2	2.0
2026-03-12 10:05:00	16.3	14.8	1.5
2026-03-12 10:06:00	16.5	15.2	1.3
2026-03-12 10:07:00	16.5	14.9	1.6
2026-03-12 10:08:00	16.3	14.7	1.6
2026-03-12 10:09:00	16.3	14.3	2.0
2026-03-12 10:10:00	16.3	14.0	2.3
2026-03-12 10:11:00	16.3	13.8	2.5
2026-03-12 10:12:00	16.2	13.6	2.6
2026-03-12 10:13:00	16.2	13.5	2.7
2026-03-12 10:14:00	16.1	13.9	2.2
2026-03-12 10:15:00	16.1	14.4	1.7
2026-03-12 10:16:00	16.4	14.9	1.5
2026-03-12 10:17:00	16.6	15.1	1.5
2026-03-12 10:18:00	16.3	14.9	1.4
2026-03-12 10:19:00	16.3	14.4	1.9
2026-03-12 10:20:00	16.3	14.1	2.2
2026-03-12 10:21:00	16.2	13.8	2.4
2026-03-12 10:22:00	16.2	13.8	2.4
2026-03-12 10:23:00	16.2	13.6	2.6
2026-03-12 10:24:00	16.2	13.7	2.5
2026-03-12 10:25:00	16.1	14.1	2.0
2026-03-12 10:26:00	16.2	14.7	1.5
2026-03-12 10:27:00	16.5	15.1	1.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 10:28:00	16.6	15.0	1.6
2026-03-12 10:29:00	16.3	14.7	1.6
2026-03-12 10:30:00	16.3	14.4	1.9
2026-03-12 10:31:00	16.3	14.1	2.2
2026-03-12 10:32:00	16.2	13.9	2.3
2026-03-12 10:33:00	16.2	13.7	2.5
2026-03-12 10:34:00	16.2	13.6	2.6
2026-03-12 10:35:00	16.2	13.9	2.3
2026-03-12 10:36:00	16.2	14.4	1.8
2026-03-12 10:37:00	16.4	14.9	1.5
2026-03-12 10:38:00	16.6	15.1	1.5
2026-03-12 10:39:00	16.3	14.8	1.5
2026-03-12 10:40:00	16.3	14.5	1.8
2026-03-12 10:41:00	16.3	14.1	2.2
2026-03-12 10:42:00	16.2	13.8	2.4
2026-03-12 10:43:00	16.2	13.9	2.3
2026-03-12 10:44:00	16.2	13.6	2.6
2026-03-12 10:45:00	16.2	13.7	2.5
2026-03-12 10:46:00	16.2	14.2	2.0
2026-03-12 10:47:00	16.2	14.6	1.6
2026-03-12 10:48:00	16.5	15.1	1.4
2026-03-12 10:49:00	16.5	15.0	1.5
2026-03-12 10:50:00	16.3	14.8	1.5
2026-03-12 10:51:00	16.3	14.4	1.9
2026-03-12 10:52:00	16.3	14.1	2.2
2026-03-12 10:53:00	16.3	13.9	2.4
2026-03-12 10:54:00	16.2	13.7	2.5
2026-03-12 10:55:00	16.2	13.6	2.6
2026-03-12 10:56:00	16.2	13.8	2.4
2026-03-12 10:57:00	16.2	14.4	1.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 10:58:00	16.4	14.8	1.6
2026-03-12 10:59:00	16.6	15.2	1.4
2026-03-12 11:00:00	16.3	14.9	1.4
2026-03-12 11:01:00	16.3	14.6	1.7
2026-03-12 11:02:00	16.3	14.3	2.0
2026-03-12 11:03:00	16.3	14.0	2.3
2026-03-12 11:04:00	16.2	13.9	2.3
2026-03-12 11:05:00	16.2	13.6	2.6
2026-03-12 11:06:00	16.2	13.7	2.5
2026-03-12 11:07:00	16.2	14.1	2.1
2026-03-12 11:08:00	16.2	14.6	1.6
2026-03-12 11:09:00	16.5	15.1	1.4
2026-03-12 11:10:00	16.5	15.0	1.5
2026-03-12 11:11:00	16.3	14.7	1.6
2026-03-12 11:12:00	16.3	14.4	1.9
2026-03-12 11:13:00	16.3	14.1	2.2
2026-03-12 11:14:00	16.2	13.8	2.4
2026-03-12 11:15:00	16.2	13.7	2.5
2026-03-12 11:16:00	16.1	13.6	2.5
2026-03-12 11:17:00	16.1	13.9	2.2
2026-03-12 11:18:00	16.1	14.3	1.8
2026-03-12 11:19:00	16.4	14.9	1.5
2026-03-12 11:20:00	16.6	15.2	1.4
2026-03-12 11:21:00	16.3	14.9	1.4
2026-03-12 11:22:00	16.3	14.5	1.8
2026-03-12 11:23:00	16.3	14.2	2.1
2026-03-12 11:24:00	16.3	13.9	2.4
2026-03-12 11:25:00	16.2	13.9	2.3
2026-03-12 11:26:00	16.2	13.6	2.6
2026-03-12 11:27:00	16.2	13.7	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 11:28:00	16.1	14.1	2.0
2026-03-12 11:29:00	16.2	14.5	1.7
2026-03-12 11:30:00	16.5	15.1	1.4
2026-03-12 11:31:00	16.5	15.0	1.5
2026-03-12 11:32:00	16.3	14.7	1.6
2026-03-12 11:33:00	16.3	14.3	2.0
2026-03-12 11:34:00	16.3	14.0	2.3
2026-03-12 11:35:00	16.2	13.8	2.4
2026-03-12 11:36:00	16.2	13.8	2.4
2026-03-12 11:37:00	16.2	13.7	2.5
2026-03-12 11:38:00	16.2	13.9	2.3
2026-03-12 11:39:00	16.2	14.4	1.8
2026-03-12 11:40:00	16.4	14.9	1.5
2026-03-12 11:41:00	16.6	15.2	1.4
2026-03-12 11:42:00	16.4	14.9	1.5
2026-03-12 11:43:00	16.3	14.5	1.8
2026-03-12 11:44:00	16.3	14.2	2.1
2026-03-12 11:45:00	16.3	13.9	2.4
2026-03-12 11:46:00	16.3	13.9	2.4
2026-03-12 11:47:00	16.2	13.7	2.5
2026-03-12 11:48:00	16.2	13.8	2.4
2026-03-12 11:49:00	16.2	14.2	2.0
2026-03-12 11:50:00	16.2	14.6	1.6
2026-03-12 11:51:00	16.5	15.1	1.4
2026-03-12 11:52:00	16.5	15.0	1.5
2026-03-12 11:53:00	16.3	14.7	1.6
2026-03-12 11:54:00	16.3	14.4	1.9
2026-03-12 11:55:00	16.3	14.1	2.2
2026-03-12 11:56:00	16.3	13.9	2.4
2026-03-12 11:57:00	16.3	13.7	2.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 11:58:00	16.2	13.7	2.5
2026-03-12 11:59:00	16.2	14.0	2.2
2026-03-12 12:00:00	16.2	14.5	1.7
2026-03-12 12:01:00	16.4	15.0	1.4
2026-03-12 12:02:00	16.6	15.1	1.5
2026-03-12 12:03:00	16.4	14.8	1.6
2026-03-12 12:04:00	16.4	14.4	2.0
2026-03-12 12:05:00	16.4	14.1	2.3
2026-03-12 12:06:00	16.4	13.8	2.6
2026-03-12 12:07:00	16.4	13.9	2.5
2026-03-12 12:08:00	16.3	13.7	2.6
2026-03-12 12:09:00	16.3	13.9	2.4
2026-03-12 12:10:00	16.3	14.4	1.9
2026-03-12 12:11:00	16.4	14.9	1.5
2026-03-12 12:12:00	16.6	15.1	1.5
2026-03-12 12:13:00	16.4	14.8	1.6
2026-03-12 12:14:00	16.4	14.5	1.9
2026-03-12 12:15:00	16.4	14.2	2.2
2026-03-12 12:16:00	16.4	13.9	2.5
2026-03-12 12:17:00	16.3	13.9	2.4
2026-03-12 12:18:00	16.3	13.6	2.7
2026-03-12 12:19:00	16.3	13.8	2.5
2026-03-12 12:20:00	16.3	14.3	2.0
2026-03-12 12:21:00	16.3	14.7	1.6
2026-03-12 12:22:00	16.6	15.2	1.4
2026-03-12 12:23:00	16.4	14.9	1.5
2026-03-12 12:24:00	16.4	14.6	1.8
2026-03-12 12:25:00	16.4	14.2	2.2
2026-03-12 12:26:00	16.4	14.0	2.4
2026-03-12 12:27:00	16.4	13.9	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 12:28:00	16.3	13.6	2.7
2026-03-12 12:29:00	16.3	13.7	2.6
2026-03-12 12:30:00	16.3	14.1	2.2
2026-03-12 12:31:00	16.3	14.7	1.6
2026-03-12 12:32:00	16.6	15.1	1.5
2026-03-12 12:33:00	16.5	15.1	1.4
2026-03-12 12:34:00	16.4	14.8	1.6
2026-03-12 12:35:00	16.4	14.4	2.0
2026-03-12 12:36:00	16.4	14.1	2.3
2026-03-12 12:37:00	16.3	14.0	2.3
2026-03-12 12:38:00	16.3	13.7	2.6
2026-03-12 12:39:00	16.2	13.6	2.6
2026-03-12 12:40:00	16.2	14.0	2.2
2026-03-12 12:41:00	16.2	14.4	1.8
2026-03-12 12:42:00	16.5	15.0	1.5
2026-03-12 12:43:00	16.7	15.1	1.6
2026-03-12 12:44:00	16.3	14.8	1.5
2026-03-12 12:45:00	16.3	14.5	1.8
2026-03-12 12:46:00	16.3	14.2	2.1
2026-03-12 12:47:00	16.3	13.9	2.4
2026-03-12 12:48:00	16.3	13.9	2.4
2026-03-12 12:49:00	16.3	13.7	2.6
2026-03-12 12:50:00	16.2	13.9	2.3
2026-03-12 12:51:00	16.3	14.4	1.9
2026-03-12 12:52:00	16.4	14.9	1.5
2026-03-12 12:53:00	16.6	15.2	1.4
2026-03-12 12:54:00	16.4	14.9	1.5
2026-03-12 12:55:00	16.4	14.5	1.9
2026-03-12 12:56:00	16.4	14.3	2.1
2026-03-12 12:57:00	16.3	14.0	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 12:58:00	16.3	13.9	2.4
2026-03-12 12:59:00	16.3	13.7	2.6
2026-03-12 13:00:00	16.3	13.8	2.5
2026-03-12 13:01:00	16.2	14.2	2.0
2026-03-12 13:02:00	16.3	14.7	1.6
2026-03-12 13:03:00	16.5	15.1	1.4
2026-03-12 13:04:00	16.5	15.1	1.4
2026-03-12 13:05:00	16.4	14.7	1.7
2026-03-12 13:06:00	16.4	14.3	2.1
2026-03-12 13:07:00	16.4	14.0	2.4
2026-03-12 13:08:00	16.4	13.9	2.5
2026-03-12 13:09:00	16.3	13.7	2.6
2026-03-12 13:10:00	16.3	13.7	2.6
2026-03-12 13:11:00	16.3	14.1	2.2
2026-03-12 13:12:00	16.3	14.5	1.8
2026-03-12 13:13:00	16.5	15.1	1.4
2026-03-12 13:14:00	16.5	15.1	1.4
2026-03-12 13:15:00	16.4	14.8	1.6
2026-03-12 13:16:00	16.4	14.4	2.0
2026-03-12 13:17:00	16.4	14.1	2.3
2026-03-12 13:18:00	16.4	13.9	2.5
2026-03-12 13:19:00	16.3	13.9	2.4
2026-03-12 13:20:00	16.3	13.8	2.5
2026-03-12 13:21:00	16.3	14.0	2.3
2026-03-12 13:22:00	16.3	14.5	1.8
2026-03-12 13:23:00	16.5	15.0	1.5
2026-03-12 13:24:00	16.6	15.1	1.5
2026-03-12 13:25:00	16.4	14.8	1.6
2026-03-12 13:26:00	16.4	14.5	1.9
2026-03-12 13:27:00	16.4	14.2	2.2

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 13:28:00	16.4	13.9	2.5
2026-03-12 13:29:00	16.3	13.9	2.4
2026-03-12 13:30:00	16.3	13.7	2.6
2026-03-12 13:31:00	16.3	13.9	2.4
2026-03-12 13:32:00	16.3	14.4	1.9
2026-03-12 13:33:00	16.4	14.9	1.5
2026-03-12 13:34:00	16.6	15.2	1.4
2026-03-12 13:35:00	16.4	15.0	1.4
2026-03-12 13:36:00	16.4	14.7	1.7
2026-03-12 13:37:00	16.4	14.4	2.0
2026-03-12 13:38:00	16.4	14.1	2.3
2026-03-12 13:39:00	16.4	14.0	2.4
2026-03-12 13:40:00	16.3	13.7	2.6
2026-03-12 13:41:00	16.3	13.8	2.5
2026-03-12 13:42:00	16.3	14.2	2.1
2026-03-12 13:43:00	16.3	14.8	1.5
2026-03-12 13:44:00	16.6	15.2	1.4
2026-03-12 13:45:00	16.4	15.1	1.3
2026-03-12 13:46:00	16.5	14.7	1.8
2026-03-12 13:47:00	16.5	14.3	2.2
2026-03-12 13:48:00	16.4	14.0	2.4
2026-03-12 13:49:00	16.4	13.9	2.5
2026-03-12 13:50:00	16.4	13.7	2.7
2026-03-12 13:51:00	16.3	13.8	2.5
2026-03-12 13:52:00	16.3	14.2	2.1
2026-03-12 13:53:00	16.3	14.6	1.7
2026-03-12 13:54:00	16.6	15.1	1.5
2026-03-12 13:55:00	16.6	15.0	1.6
2026-03-12 13:56:00	16.5	14.8	1.7
2026-03-12 13:57:00	16.5	14.5	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 13:58:00	16.4	14.1	2.3
2026-03-12 13:59:00	16.4	13.9	2.5
2026-03-12 14:00:00	16.4	13.9	2.5
2026-03-12 14:01:00	16.3	13.8	2.5
2026-03-12 14:02:00	16.3	14.1	2.2
2026-03-12 14:03:00	16.3	14.5	1.8
2026-03-12 14:04:00	16.5	15.1	1.4
2026-03-12 14:05:00	16.6	15.2	1.4
2026-03-12 14:06:00	16.5	14.8	1.7
2026-03-12 14:07:00	16.4	14.5	1.9
2026-03-12 14:08:00	16.4	14.1	2.3
2026-03-12 14:09:00	16.4	13.9	2.5
2026-03-12 14:10:00	16.4	13.9	2.5
2026-03-12 14:11:00	16.3	13.6	2.7
2026-03-12 14:12:00	16.3	13.9	2.4
2026-03-12 14:13:00	16.3	14.4	1.9
2026-03-12 14:14:00	16.4	14.9	1.5
2026-03-12 14:15:00	16.6	15.2	1.4
2026-03-12 14:16:00	16.4	15.0	1.4
2026-03-12 14:17:00	16.5	14.6	1.9
2026-03-12 14:18:00	16.4	14.3	2.1
2026-03-12 14:19:00	16.4	14.0	2.4
2026-03-12 14:20:00	16.4	14.0	2.4
2026-03-12 14:21:00	16.3	13.7	2.6
2026-03-12 14:22:00	16.3	13.8	2.5
2026-03-12 14:23:00	16.3	14.3	2.0
2026-03-12 14:24:00	16.3	14.7	1.6
2026-03-12 14:25:00	16.6	15.2	1.4
2026-03-12 14:26:00	16.5	15.1	1.4
2026-03-12 14:27:00	16.4	14.8	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 14:28:00	16.4	14.4	2.0
2026-03-12 14:29:00	16.4	14.1	2.3
2026-03-12 14:30:00	16.4	14.0	2.4
2026-03-12 14:31:00	16.4	13.8	2.6
2026-03-12 14:32:00	16.3	13.7	2.6
2026-03-12 14:33:00	16.3	14.0	2.3
2026-03-12 14:34:00	16.3	14.6	1.7
2026-03-12 14:35:00	16.5	15.1	1.4
2026-03-12 14:36:00	16.6	15.2	1.4
2026-03-12 14:37:00	16.4	14.9	1.5
2026-03-12 14:38:00	16.4	14.5	1.9
2026-03-12 14:39:00	16.4	14.2	2.2
2026-03-12 14:40:00	16.3	13.9	2.4
2026-03-12 14:41:00	16.3	13.9	2.4
2026-03-12 14:42:00	16.3	13.7	2.6
2026-03-12 14:43:00	16.3	14.0	2.3
2026-03-12 14:44:00	16.3	14.5	1.8
2026-03-12 14:45:00	16.4	15.0	1.4
2026-03-12 14:46:00	16.6	15.1	1.5
2026-03-12 14:47:00	16.4	14.8	1.6
2026-03-12 14:48:00	16.4	14.5	1.9
2026-03-12 14:49:00	16.4	14.2	2.2
2026-03-12 14:50:00	16.3	13.9	2.4
2026-03-12 14:51:00	16.3	13.9	2.4
2026-03-12 14:52:00	16.3	13.6	2.7
2026-03-12 14:53:00	16.2	13.9	2.3
2026-03-12 14:54:00	16.2	14.3	1.9
2026-03-12 14:55:00	16.3	14.8	1.5
2026-03-12 14:56:00	16.6	15.2	1.4
2026-03-12 14:57:00	16.4	15.0	1.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 14:58:00	16.4	14.7	1.7
2026-03-12 14:59:00	16.4	14.3	2.1
2026-03-12 15:00:00	16.3	14.0	2.3
2026-03-12 15:01:00	16.3	13.9	2.4
2026-03-12 15:02:00	16.3	13.8	2.5
2026-03-12 15:03:00	16.3	13.8	2.5
2026-03-12 15:04:00	16.3	14.2	2.1
2026-03-12 15:05:00	16.3	14.7	1.6
2026-03-12 15:06:00	16.6	15.1	1.5
2026-03-12 15:07:00	16.6	15.0	1.6
2026-03-12 15:08:00	16.4	14.8	1.6
2026-03-12 15:09:00	16.4	14.4	2.0
2026-03-12 15:10:00	16.4	14.1	2.3
2026-03-12 15:11:00	16.4	14.0	2.4
2026-03-12 15:12:00	16.3	13.8	2.5
2026-03-12 15:13:00	16.3	13.7	2.6
2026-03-12 15:14:00	16.3	14.0	2.3
2026-03-12 15:15:00	16.3	14.5	1.8
2026-03-12 15:16:00	16.5	15.0	1.5
2026-03-12 15:17:00	16.6	15.2	1.4
2026-03-12 15:18:00	16.4	14.8	1.6
2026-03-12 15:19:00	16.4	14.4	2.0
2026-03-12 15:20:00	16.4	14.2	2.2
2026-03-12 15:21:00	16.3	13.9	2.4
2026-03-12 15:22:00	16.3	13.9	2.4
2026-03-12 15:23:00	16.3	13.7	2.6
2026-03-12 15:24:00	16.2	14.0	2.2
2026-03-12 15:25:00	16.2	14.4	1.8
2026-03-12 15:26:00	16.4	14.9	1.5
2026-03-12 15:27:00	16.6	15.3	1.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 15:28:00	16.5	15.0	1.5
2026-03-12 15:29:00	16.4	14.8	1.6
2026-03-12 15:30:00	16.4	14.4	2.0
2026-03-12 15:31:00	16.3	14.1	2.2
2026-03-12 15:32:00	16.3	14.0	2.3
2026-03-12 15:33:00	16.3	13.8	2.5
2026-03-12 15:34:00	16.2	13.8	2.4
2026-03-12 15:35:00	16.2	14.3	1.9
2026-03-12 15:36:00	16.3	14.7	1.6
2026-03-12 15:37:00	16.6	15.2	1.4
2026-03-12 15:38:00	16.5	15.0	1.5
2026-03-12 15:39:00	16.4	14.7	1.7
2026-03-12 15:40:00	16.4	14.4	2.0
2026-03-12 15:41:00	16.3	14.1	2.2
2026-03-12 15:42:00	16.3	14.0	2.3
2026-03-12 15:43:00	16.3	13.8	2.5
2026-03-12 15:44:00	16.3	13.8	2.5
2026-03-12 15:45:00	16.2	14.2	2.0
2026-03-12 15:46:00	16.3	14.7	1.6
2026-03-12 15:47:00	16.5	15.1	1.4
2026-03-12 15:48:00	16.4	14.9	1.5
2026-03-12 15:49:00	16.4	14.7	1.7
2026-03-12 15:50:00	16.4	14.3	2.1
2026-03-12 15:51:00	16.3	13.9	2.4
2026-03-12 15:52:00	16.3	13.9	2.4
2026-03-12 15:53:00	16.3	13.6	2.7
2026-03-12 15:54:00	16.3	13.7	2.6
2026-03-12 15:55:00	16.2	14.1	2.1
2026-03-12 15:56:00	16.3	14.5	1.8
2026-03-12 15:57:00	16.6	15.1	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 15:58:00	16.6	15.1	1.5
2026-03-12 15:59:00	16.4	14.8	1.6
2026-03-12 16:00:00	16.4	14.3	2.1
2026-03-12 16:01:00	16.4	14.0	2.4
2026-03-12 16:02:00	16.3	13.8	2.5
2026-03-12 16:03:00	16.3	13.8	2.5
2026-03-12 16:04:00	16.3	13.7	2.6
2026-03-12 16:05:00	16.3	13.9	2.4
2026-03-12 16:06:00	16.3	14.5	1.8
2026-03-12 16:07:00	16.5	15.0	1.5
2026-03-12 16:08:00	16.6	15.1	1.5
2026-03-12 16:09:00	16.4	14.8	1.6
2026-03-12 16:10:00	16.4	14.5	1.9
2026-03-12 16:11:00	16.4	14.2	2.2
2026-03-12 16:12:00	16.4	13.9	2.5
2026-03-12 16:13:00	16.4	14.0	2.4
2026-03-12 16:14:00	16.3	13.7	2.6
2026-03-12 16:15:00	16.3	14.0	2.3
2026-03-12 16:16:00	16.3	14.4	1.9
2026-03-12 16:17:00	16.4	15.0	1.4
2026-03-12 16:18:00	16.6	15.1	1.5
2026-03-12 16:19:00	16.4	14.9	1.5
2026-03-12 16:20:00	16.5	14.5	2.0
2026-03-12 16:21:00	16.4	14.1	2.3
2026-03-12 16:22:00	16.4	13.8	2.6
2026-03-12 16:23:00	16.4	13.9	2.5
2026-03-12 16:24:00	16.3	13.6	2.7
2026-03-12 16:25:00	16.3	13.8	2.5
2026-03-12 16:26:00	16.3	14.4	1.9
2026-03-12 16:27:00	16.4	14.8	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 16:28:00	16.6	15.2	1.4
2026-03-12 16:29:00	16.4	14.9	1.5
2026-03-12 16:30:00	16.4	14.6	1.8
2026-03-12 16:31:00	16.4	14.2	2.2
2026-03-12 16:32:00	16.4	13.9	2.5
2026-03-12 16:33:00	16.4	13.9	2.5
2026-03-12 16:34:00	16.4	13.7	2.7
2026-03-12 16:35:00	16.3	13.8	2.5
2026-03-12 16:36:00	16.3	14.2	2.1
2026-03-12 16:37:00	16.3	14.7	1.6
2026-03-12 16:38:00	16.6	15.1	1.5
2026-03-12 16:39:00	16.4	14.9	1.5
2026-03-12 16:40:00	16.4	14.6	1.8
2026-03-12 16:41:00	16.4	14.3	2.1
2026-03-12 16:42:00	16.4	13.9	2.5
2026-03-12 16:43:00	16.4	13.8	2.6
2026-03-12 16:44:00	16.3	13.7	2.6
2026-03-12 16:45:00	16.3	13.7	2.6
2026-03-12 16:46:00	16.3	14.1	2.2
2026-03-12 16:47:00	16.3	14.7	1.6
2026-03-12 16:48:00	16.5	15.1	1.4
2026-03-12 16:49:00	16.5	14.9	1.6
2026-03-12 16:50:00	16.4	14.7	1.7
2026-03-12 16:51:00	16.4	14.4	2.0
2026-03-12 16:52:00	16.4	14.0	2.4
2026-03-12 16:53:00	16.3	13.9	2.4
2026-03-12 16:54:00	16.3	13.7	2.6
2026-03-12 16:55:00	16.2	13.7	2.5
2026-03-12 16:56:00	16.2	14.0	2.2
2026-03-12 16:57:00	16.2	14.5	1.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 16:58:00	16.5	15.0	1.5
2026-03-12 16:59:00	16.6	15.1	1.5
2026-03-12 17:00:00	16.3	14.8	1.5
2026-03-12 17:01:00	16.4	14.5	1.9
2026-03-12 17:02:00	16.3	14.2	2.1
2026-03-12 17:03:00	16.3	13.9	2.4
2026-03-12 17:04:00	16.3	13.8	2.5
2026-03-12 17:05:00	16.3	13.6	2.7
2026-03-12 17:06:00	16.2	13.8	2.4
2026-03-12 17:07:00	16.2	14.4	1.8
2026-03-12 17:08:00	16.4	14.8	1.6
2026-03-12 17:09:00	16.6	15.1	1.5
2026-03-12 17:10:00	16.4	14.8	1.6
2026-03-12 17:11:00	16.3	14.5	1.8
2026-03-12 17:12:00	16.3	14.3	2.0
2026-03-12 17:13:00	16.3	14.0	2.3
2026-03-12 17:14:00	16.3	14.0	2.3
2026-03-12 17:15:00	16.2	13.7	2.5
2026-03-12 17:16:00	16.2	13.8	2.4
2026-03-12 17:17:00	16.2	14.2	2.0
2026-03-12 17:18:00	16.3	14.7	1.6
2026-03-12 17:19:00	16.6	15.2	1.4
2026-03-12 17:20:00	16.6	15.1	1.5
2026-03-12 17:21:00	16.3	14.8	1.5
2026-03-12 17:22:00	16.3	14.5	1.8
2026-03-12 17:23:00	16.3	14.1	2.2
2026-03-12 17:24:00	16.3	13.9	2.4
2026-03-12 17:25:00	16.3	13.6	2.7
2026-03-12 17:26:00	16.2	13.5	2.7
2026-03-12 17:27:00	16.2	13.9	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 17:28:00	16.2	14.4	1.8
2026-03-12 17:29:00	16.4	15.0	1.4
2026-03-12 17:30:00	16.6	15.2	1.4
2026-03-12 17:31:00	16.3	14.9	1.4
2026-03-12 17:32:00	16.3	14.5	1.8
2026-03-12 17:33:00	16.3	14.3	2.0
2026-03-12 17:34:00	16.3	14.0	2.3
2026-03-12 17:35:00	16.3	13.9	2.4
2026-03-12 17:36:00	16.2	13.5	2.7
2026-03-12 17:37:00	16.2	13.7	2.5
2026-03-12 17:38:00	16.2	14.1	2.1
2026-03-12 17:39:00	16.2	14.6	1.6
2026-03-12 17:40:00	16.6	15.1	1.5
2026-03-12 17:41:00	16.5	15.0	1.5
2026-03-12 17:42:00	16.3	14.7	1.6
2026-03-12 17:43:00	16.2	14.3	1.9
2026-03-12 17:44:00	16.2	14.0	2.2
2026-03-12 17:45:00	16.2	13.8	2.4
2026-03-12 17:46:00	16.2	13.7	2.5
2026-03-12 17:47:00	16.1	13.7	2.4
2026-03-12 17:48:00	16.1	13.9	2.2
2026-03-12 17:49:00	16.1	14.5	1.6
2026-03-12 17:50:00	16.4	15.0	1.4
2026-03-12 17:51:00	16.6	15.2	1.4
2026-03-12 17:52:00	16.4	14.9	1.5
2026-03-12 17:53:00	16.3	14.6	1.7
2026-03-12 17:54:00	16.2	14.3	1.9
2026-03-12 17:55:00	16.2	14.0	2.2
2026-03-12 17:56:00	16.2	13.9	2.3
2026-03-12 17:57:00	16.1	13.6	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 17:58:00	16.1	13.8	2.3
2026-03-12 17:59:00	16.1	14.2	1.9
2026-03-12 18:00:00	16.3	14.6	1.7
2026-03-12 18:01:00	16.6	15.1	1.5
2026-03-12 18:02:00	16.5	15.0	1.5
2026-03-12 18:03:00	16.3	14.6	1.7
2026-03-12 18:04:00	16.2	14.3	1.9
2026-03-12 18:05:00	16.2	13.9	2.3
2026-03-12 18:06:00	16.2	13.8	2.4
2026-03-12 18:07:00	16.1	13.6	2.5
2026-03-12 18:08:00	16.1	13.6	2.5
2026-03-12 18:09:00	16.0	14.0	2.0
2026-03-12 18:10:00	16.1	14.4	1.7
2026-03-12 18:11:00	16.4	15.0	1.4
2026-03-12 18:12:00	16.6	15.1	1.5
2026-03-12 18:13:00	16.4	14.8	1.6
2026-03-12 18:14:00	16.2	14.5	1.7
2026-03-12 18:15:00	16.2	14.1	2.1
2026-03-12 18:16:00	16.2	13.9	2.3
2026-03-12 18:17:00	16.1	13.9	2.2
2026-03-12 18:18:00	16.1	13.6	2.5
2026-03-12 18:19:00	16.1	13.7	2.4
2026-03-12 18:20:00	16.1	14.2	1.9
2026-03-12 18:21:00	16.2	14.6	1.6
2026-03-12 18:22:00	16.5	15.1	1.4
2026-03-12 18:23:00	16.5	15.0	1.5
2026-03-12 18:24:00	16.3	14.7	1.6
2026-03-12 18:25:00	16.2	14.4	1.8
2026-03-12 18:26:00	16.2	14.1	2.1
2026-03-12 18:27:00	16.2	13.9	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 18:28:00	16.1	13.6	2.5
2026-03-12 18:29:00	16.1	13.5	2.6
2026-03-12 18:30:00	16.1	13.8	2.3
2026-03-12 18:31:00	16.1	14.3	1.8
2026-03-12 18:32:00	16.4	14.8	1.6
2026-03-12 18:33:00	16.6	15.2	1.4
2026-03-12 18:34:00	16.4	14.9	1.5
2026-03-12 18:35:00	16.2	14.5	1.7
2026-03-12 18:36:00	16.2	14.2	2.0
2026-03-12 18:37:00	16.2	13.9	2.3
2026-03-12 18:38:00	16.2	13.9	2.3
2026-03-12 18:39:00	16.1	13.6	2.5
2026-03-12 18:40:00	16.1	13.6	2.5
2026-03-12 18:41:00	16.1	14.0	2.1
2026-03-12 18:42:00	16.1	14.5	1.6
2026-03-12 18:43:00	16.5	15.0	1.5
2026-03-12 18:44:00	16.6	15.1	1.5
2026-03-12 18:45:00	16.3	14.8	1.5
2026-03-12 18:46:00	16.2	14.5	1.7
2026-03-12 18:47:00	16.2	14.2	2.0
2026-03-12 18:48:00	16.2	13.9	2.3
2026-03-12 18:49:00	16.2	13.7	2.5
2026-03-12 18:50:00	16.1	13.5	2.6
2026-03-12 18:51:00	16.1	13.7	2.4
2026-03-12 18:52:00	16.1	14.2	1.9
2026-03-12 18:53:00	16.3	14.8	1.5
2026-03-12 18:54:00	16.6	15.1	1.5
2026-03-12 18:55:00	16.5	15.0	1.5
2026-03-12 18:56:00	16.2	14.7	1.5
2026-03-12 18:57:00	16.2	14.4	1.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 18:58:00	16.2	14.0	2.2
2026-03-12 18:59:00	16.2	13.8	2.4
2026-03-12 19:00:00	16.2	13.6	2.6
2026-03-12 19:01:00	16.1	13.6	2.5
2026-03-12 19:02:00	16.1	13.9	2.2
2026-03-12 19:03:00	16.1	14.4	1.7
2026-03-12 19:04:00	16.4	14.9	1.5
2026-03-12 19:05:00	16.6	15.2	1.4
2026-03-12 19:06:00	16.4	14.9	1.5
2026-03-12 19:07:00	16.2	14.6	1.6
2026-03-12 19:08:00	16.2	14.2	2.0
2026-03-12 19:09:00	16.2	13.9	2.3
2026-03-12 19:10:00	16.2	13.8	2.4
2026-03-12 19:11:00	16.1	13.5	2.6
2026-03-12 19:12:00	16.1	13.6	2.5
2026-03-12 19:13:00	16.1	13.9	2.2
2026-03-12 19:14:00	16.1	14.4	1.7
2026-03-12 19:15:00	16.4	14.9	1.5
2026-03-12 19:16:00	16.6	15.1	1.5
2026-03-12 19:17:00	16.3	14.8	1.5
2026-03-12 19:18:00	16.2	14.4	1.8
2026-03-12 19:19:00	16.2	14.1	2.1
2026-03-12 19:20:00	16.2	13.8	2.4
2026-03-12 19:21:00	16.1	13.7	2.4
2026-03-12 19:22:00	16.1	13.5	2.6
2026-03-12 19:23:00	16.1	13.6	2.5
2026-03-12 19:24:00	16.0	14.0	2.0
2026-03-12 19:25:00	16.2	14.6	1.6
2026-03-12 19:26:00	16.5	15.0	1.5
2026-03-12 19:27:00	16.5	14.9	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 19:28:00	16.2	14.6	1.6
2026-03-12 19:29:00	16.2	14.3	1.9
2026-03-12 19:30:00	16.2	14.0	2.2
2026-03-12 19:31:00	16.2	13.7	2.5
2026-03-12 19:32:00	16.2	13.7	2.5
2026-03-12 19:33:00	16.1	13.5	2.6
2026-03-12 19:34:00	16.1	13.7	2.4
2026-03-12 19:35:00	16.0	14.2	1.8
2026-03-12 19:36:00	16.3	14.6	1.7
2026-03-12 19:37:00	16.6	15.1	1.5
2026-03-12 19:38:00	16.4	14.9	1.5
2026-03-12 19:39:00	16.2	14.6	1.6
2026-03-12 19:40:00	16.2	14.3	1.9
2026-03-12 19:41:00	16.2	14.0	2.2
2026-03-12 19:42:00	16.2	13.8	2.4
2026-03-12 19:43:00	16.1	13.4	2.7
2026-03-12 19:44:00	16.1	13.3	2.8
2026-03-12 19:45:00	16.0	13.6	2.4
2026-03-12 19:46:00	16.0	14.1	1.9
2026-03-12 19:47:00	16.3	14.6	1.7
2026-03-12 19:48:00	16.6	15.1	1.5
2026-03-12 19:49:00	16.5	15.0	1.5
2026-03-12 19:50:00	16.2	14.6	1.6
2026-03-12 19:51:00	16.2	14.3	1.9
2026-03-12 19:52:00	16.2	13.9	2.3
2026-03-12 19:53:00	16.2	13.8	2.4
2026-03-12 19:54:00	16.2	13.5	2.7
2026-03-12 19:55:00	16.1	13.4	2.7
2026-03-12 19:56:00	16.1	13.7	2.4
2026-03-12 19:57:00	16.1	14.3	1.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 19:58:00	16.4	14.7	1.7
2026-03-12 19:59:00	16.6	15.1	1.5
2026-03-12 20:00:00	16.4	14.9	1.5
2026-03-12 20:01:00	16.2	14.6	1.6
2026-03-12 20:02:00	16.2	14.3	1.9
2026-03-12 20:03:00	16.2	13.9	2.3
2026-03-12 20:04:00	16.2	13.8	2.4
2026-03-12 20:05:00	16.2	13.5	2.7
2026-03-12 20:06:00	16.1	13.5	2.6
2026-03-12 20:07:00	16.0	13.8	2.2
2026-03-12 20:08:00	16.0	14.3	1.7
2026-03-12 20:09:00	16.4	14.8	1.6
2026-03-12 20:10:00	16.6	15.1	1.5
2026-03-12 20:11:00	16.4	14.8	1.6
2026-03-12 20:12:00	16.2	14.4	1.8
2026-03-12 20:13:00	16.2	14.2	2.0
2026-03-12 20:14:00	16.2	13.8	2.4
2026-03-12 20:15:00	16.2	13.7	2.5
2026-03-12 20:16:00	16.1	13.5	2.6
2026-03-12 20:17:00	16.1	13.5	2.6
2026-03-12 20:18:00	16.1	13.9	2.2
2026-03-12 20:19:00	16.1	14.4	1.7
2026-03-12 20:20:00	16.4	14.8	1.6
2026-03-12 20:21:00	16.6	15.0	1.6
2026-03-12 20:22:00	16.3	14.8	1.5
2026-03-12 20:23:00	16.2	14.4	1.8
2026-03-12 20:24:00	16.2	14.1	2.1
2026-03-12 20:25:00	16.2	13.8	2.4
2026-03-12 20:26:00	16.2	13.8	2.4
2026-03-12 20:27:00	16.2	13.5	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 20:28:00	16.1	13.5	2.6
2026-03-12 20:29:00	16.1	13.9	2.2
2026-03-12 20:30:00	16.1	14.5	1.6
2026-03-12 20:31:00	16.4	15.0	1.4
2026-03-12 20:32:00	16.5	15.1	1.4
2026-03-12 20:33:00	16.3	14.8	1.5
2026-03-12 20:34:00	16.3	14.4	1.9
2026-03-12 20:35:00	16.2	14.0	2.2
2026-03-12 20:36:00	16.2	13.7	2.5
2026-03-12 20:37:00	16.2	13.7	2.5
2026-03-12 20:38:00	16.1	13.4	2.7
2026-03-12 20:39:00	16.1	13.5	2.6
2026-03-12 20:40:00	16.1	14.0	2.1
2026-03-12 20:41:00	16.1	14.4	1.7
2026-03-12 20:42:00	16.5	14.9	1.6
2026-03-12 20:43:00	16.6	15.1	1.5
2026-03-12 20:44:00	16.3	14.8	1.5
2026-03-12 20:45:00	16.2	14.5	1.7
2026-03-12 20:46:00	16.2	14.1	2.1
2026-03-12 20:47:00	16.2	13.7	2.5
2026-03-12 20:48:00	16.2	13.7	2.5
2026-03-12 20:49:00	16.1	13.5	2.6
2026-03-12 20:50:00	16.1	13.5	2.6
2026-03-12 20:51:00	16.1	14.0	2.1
2026-03-12 20:52:00	16.1	14.4	1.7
2026-03-12 20:53:00	16.4	15.0	1.4
2026-03-12 20:54:00	16.6	15.1	1.5
2026-03-12 20:55:00	16.3	14.8	1.5
2026-03-12 20:56:00	16.2	14.4	1.8
2026-03-12 20:57:00	16.2	14.1	2.1

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 20:58:00	16.2	13.8	2.4
2026-03-12 20:59:00	16.1	13.7	2.4
2026-03-12 21:00:00	16.1	13.4	2.7
2026-03-12 21:01:00	16.0	13.5	2.5
2026-03-12 21:02:00	16.0	13.9	2.1
2026-03-12 21:03:00	16.1	14.4	1.7
2026-03-12 21:04:00	16.4	14.9	1.5
2026-03-12 21:05:00	16.7	15.1	1.6
2026-03-12 21:06:00	16.4	14.9	1.5
2026-03-12 21:07:00	16.2	14.5	1.7
2026-03-12 21:08:00	16.2	14.2	2.0
2026-03-12 21:09:00	16.2	13.8	2.4
2026-03-12 21:10:00	16.2	13.8	2.4
2026-03-12 21:11:00	16.1	13.4	2.7
2026-03-12 21:12:00	16.1	13.5	2.6
2026-03-12 21:13:00	16.1	13.9	2.2
2026-03-12 21:14:00	16.1	14.4	1.7
2026-03-12 21:15:00	16.4	14.9	1.5
2026-03-12 21:16:00	16.6	15.1	1.5
2026-03-12 21:17:00	16.3	14.8	1.5
2026-03-12 21:18:00	16.2	14.4	1.8
2026-03-12 21:19:00	16.2	14.2	2.0
2026-03-12 21:20:00	16.2	13.9	2.3
2026-03-12 21:21:00	16.2	13.7	2.5
2026-03-12 21:22:00	16.2	13.3	2.9
2026-03-12 21:23:00	16.1	13.4	2.7
2026-03-12 21:24:00	16.1	13.8	2.3
2026-03-12 21:25:00	16.1	14.3	1.8
2026-03-12 21:26:00	16.5	14.9	1.6
2026-03-12 21:27:00	16.6	15.1	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 21:28:00	16.3	14.8	1.5
2026-03-12 21:29:00	16.2	14.4	1.8
2026-03-12 21:30:00	16.2	14.1	2.1
2026-03-12 21:31:00	16.2	13.9	2.3
2026-03-12 21:32:00	16.2	13.7	2.5
2026-03-12 21:33:00	16.1	13.4	2.7
2026-03-12 21:34:00	16.1	13.4	2.7
2026-03-12 21:35:00	16.0	13.8	2.2
2026-03-12 21:36:00	16.0	14.4	1.6
2026-03-12 21:37:00	16.4	14.8	1.6
2026-03-12 21:38:00	16.6	15.1	1.5
2026-03-12 21:39:00	16.4	14.8	1.6
2026-03-12 21:40:00	16.2	14.5	1.7
2026-03-12 21:41:00	16.2	14.1	2.1
2026-03-12 21:42:00	16.2	13.8	2.4
2026-03-12 21:43:00	16.2	13.7	2.5
2026-03-12 21:44:00	16.1	13.4	2.7
2026-03-12 21:45:00	16.1	13.5	2.6
2026-03-12 21:46:00	16.0	13.8	2.2
2026-03-12 21:47:00	16.0	14.3	1.7
2026-03-12 21:48:00	16.3	14.7	1.6
2026-03-12 21:49:00	16.6	15.1	1.5
2026-03-12 21:50:00	16.3	14.8	1.5
2026-03-12 21:51:00	16.2	14.5	1.7
2026-03-12 21:52:00	16.2	14.2	2.0
2026-03-12 21:53:00	16.2	14.0	2.2
2026-03-12 21:54:00	16.2	13.7	2.5
2026-03-12 21:55:00	16.1	13.4	2.7
2026-03-12 21:56:00	16.1	13.4	2.7
2026-03-12 21:57:00	16.0	13.7	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 21:58:00	16.0	14.3	1.7
2026-03-12 21:59:00	16.3	14.7	1.6
2026-03-12 22:00:00	16.6	15.1	1.5
2026-03-12 22:01:00	16.4	14.9	1.5
2026-03-12 22:02:00	16.2	14.5	1.7
2026-03-12 22:03:00	16.2	14.1	2.1
2026-03-12 22:04:00	16.2	13.8	2.4
2026-03-12 22:05:00	16.2	13.7	2.5
2026-03-12 22:06:00	16.1	13.5	2.6
2026-03-12 22:07:00	16.0	13.4	2.6
2026-03-12 22:08:00	16.0	13.8	2.2
2026-03-12 22:09:00	16.0	14.3	1.7
2026-03-12 22:10:00	16.3	14.7	1.6
2026-03-12 22:11:00	16.6	15.1	1.5
2026-03-12 22:12:00	16.5	14.9	1.6
2026-03-12 22:13:00	16.2	14.6	1.6
2026-03-12 22:14:00	16.2	14.2	2.0
2026-03-12 22:15:00	16.2	13.9	2.3
2026-03-12 22:16:00	16.1	13.7	2.4
2026-03-12 22:17:00	16.1	13.5	2.6
2026-03-12 22:18:00	16.0	13.4	2.6
2026-03-12 22:19:00	16.0	13.7	2.3
2026-03-12 22:20:00	16.0	14.2	1.8
2026-03-12 22:21:00	16.3	14.7	1.6
2026-03-12 22:22:00	16.5	15.1	1.4
2026-03-12 22:23:00	16.5	14.9	1.6
2026-03-12 22:24:00	16.2	14.6	1.6
2026-03-12 22:25:00	16.2	14.3	1.9
2026-03-12 22:26:00	16.2	13.9	2.3
2026-03-12 22:27:00	16.1	13.7	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 22:28:00	16.1	13.4	2.7
2026-03-12 22:29:00	16.0	13.3	2.7
2026-03-12 22:30:00	16.0	13.6	2.4
2026-03-12 22:31:00	16.0	14.1	1.9
2026-03-12 22:32:00	16.2	14.7	1.5
2026-03-12 22:33:00	16.5	15.1	1.4
2026-03-12 22:34:00	16.5	15.0	1.5
2026-03-12 22:35:00	16.2	14.6	1.6
2026-03-12 22:36:00	16.2	14.2	2.0
2026-03-12 22:37:00	16.2	13.9	2.3
2026-03-12 22:38:00	16.1	13.7	2.4
2026-03-12 22:39:00	16.1	13.5	2.6
2026-03-12 22:40:00	16.0	13.4	2.6
2026-03-12 22:41:00	16.0	13.7	2.3
2026-03-12 22:42:00	16.0	14.1	1.9
2026-03-12 22:43:00	16.2	14.6	1.6
2026-03-12 22:44:00	16.5	15.0	1.5
2026-03-12 22:45:00	16.5	15.0	1.5
2026-03-12 22:46:00	16.2	14.5	1.7
2026-03-12 22:47:00	16.2	14.1	2.1
2026-03-12 22:48:00	16.2	13.8	2.4
2026-03-12 22:49:00	16.2	13.5	2.7
2026-03-12 22:50:00	16.1	13.5	2.6
2026-03-12 22:51:00	16.1	13.3	2.8
2026-03-12 22:52:00	16.0	13.5	2.5
2026-03-12 22:53:00	16.0	14.0	2.0
2026-03-12 22:54:00	16.1	14.5	1.6
2026-03-12 22:55:00	16.5	15.0	1.5
2026-03-12 22:56:00	16.5	15.0	1.5
2026-03-12 22:57:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 22:58:00	16.2	14.3	1.9
2026-03-12 22:59:00	16.2	14.0	2.2
2026-03-12 23:00:00	16.2	13.7	2.5
2026-03-12 23:01:00	16.1	13.7	2.4
2026-03-12 23:02:00	16.1	13.3	2.8
2026-03-12 23:03:00	16.1	13.4	2.7
2026-03-12 23:04:00	16.0	13.8	2.2
2026-03-12 23:05:00	16.0	14.4	1.6
2026-03-12 23:06:00	16.4	14.8	1.6
2026-03-12 23:07:00	16.5	15.1	1.4
2026-03-12 23:08:00	16.3	14.8	1.5
2026-03-12 23:09:00	16.2	14.5	1.7
2026-03-12 23:10:00	16.2	14.1	2.1
2026-03-12 23:11:00	16.2	13.7	2.5
2026-03-12 23:12:00	16.2	13.6	2.6
2026-03-12 23:13:00	16.1	13.4	2.7
2026-03-12 23:14:00	16.1	13.4	2.7
2026-03-12 23:15:00	16.0	13.7	2.3
2026-03-12 23:16:00	16.0	14.2	1.8
2026-03-12 23:17:00	16.3	14.7	1.6
2026-03-12 23:18:00	16.5	15.1	1.4
2026-03-12 23:19:00	16.5	14.9	1.6
2026-03-12 23:20:00	16.2	14.5	1.7
2026-03-12 23:21:00	16.2	14.2	2.0
2026-03-12 23:22:00	16.2	13.8	2.4
2026-03-12 23:23:00	16.2	13.7	2.5
2026-03-12 23:24:00	16.1	13.5	2.6
2026-03-12 23:25:00	16.1	13.3	2.8
2026-03-12 23:26:00	16.0	13.6	2.4
2026-03-12 23:27:00	16.0	14.1	1.9

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 23:28:00	16.2	14.6	1.6
2026-03-12 23:29:00	16.5	15.0	1.5
2026-03-12 23:30:00	16.5	15.1	1.4
2026-03-12 23:31:00	16.2	14.7	1.5
2026-03-12 23:32:00	16.2	14.4	1.8
2026-03-12 23:33:00	16.2	14.0	2.2
2026-03-12 23:34:00	16.1	13.7	2.4
2026-03-12 23:35:00	16.1	13.6	2.5
2026-03-12 23:36:00	16.1	13.3	2.8
2026-03-12 23:37:00	16.0	13.5	2.5
2026-03-12 23:38:00	16.0	13.9	2.1
2026-03-12 23:39:00	16.0	14.5	1.5
2026-03-12 23:40:00	16.4	15.0	1.4
2026-03-12 23:41:00	16.5	15.1	1.4
2026-03-12 23:42:00	16.3	14.8	1.5
2026-03-12 23:43:00	16.2	14.4	1.8
2026-03-12 23:44:00	16.2	14.1	2.1
2026-03-12 23:45:00	16.2	13.8	2.4
2026-03-12 23:46:00	16.1	13.6	2.5
2026-03-12 23:47:00	16.0	13.4	2.6
2026-03-12 23:48:00	16.0	13.4	2.6
2026-03-12 23:49:00	16.0	13.8	2.2
2026-03-12 23:50:00	16.0	14.3	1.7
2026-03-12 23:51:00	16.4	14.8	1.6
2026-03-12 23:52:00	16.5	15.1	1.4
2026-03-12 23:53:00	16.3	14.9	1.4
2026-03-12 23:54:00	16.2	14.5	1.7
2026-03-12 23:55:00	16.2	14.1	2.1
2026-03-12 23:56:00	16.2	13.8	2.4
2026-03-12 23:57:00	16.1	13.7	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-12 23:58:00	16.1	13.5	2.6
2026-03-12 23:59:00	16.1	13.4	2.7
2026-03-13 00:00:00	16.0	13.7	2.3
2026-03-13 00:01:00	16.0	14.2	1.8
2026-03-13 00:02:00	16.2	14.7	1.5
2026-03-13 00:03:00	16.6	15.1	1.5
2026-03-13 00:04:00	16.5	14.9	1.6
2026-03-13 00:05:00	16.2	14.5	1.7
2026-03-13 00:06:00	16.2	14.2	2.0
2026-03-13 00:07:00	16.2	13.9	2.3
2026-03-13 00:08:00	16.1	13.7	2.4
2026-03-13 00:09:00	16.1	13.5	2.6
2026-03-13 00:10:00	16.1	13.3	2.8
2026-03-13 00:11:00	16.0	13.6	2.4
2026-03-13 00:12:00	16.0	14.0	2.0
2026-03-13 00:13:00	16.1	14.5	1.6
2026-03-13 00:14:00	16.5	15.0	1.5
2026-03-13 00:15:00	16.5	15.0	1.5
2026-03-13 00:16:00	16.2	14.6	1.6
2026-03-13 00:17:00	16.2	14.3	1.9
2026-03-13 00:18:00	16.2	13.9	2.3
2026-03-13 00:19:00	16.1	13.7	2.4
2026-03-13 00:20:00	16.1	13.6	2.5
2026-03-13 00:21:00	16.0	13.3	2.7
2026-03-13 00:22:00	16.0	13.5	2.5
2026-03-13 00:23:00	16.0	14.0	2.0
2026-03-13 00:24:00	16.1	14.4	1.7
2026-03-13 00:25:00	16.5	14.9	1.6
2026-03-13 00:26:00	16.6	15.1	1.5
2026-03-13 00:27:00	16.3	14.8	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 00:28:00	16.2	14.3	1.9
2026-03-13 00:29:00	16.1	14.1	2.0
2026-03-13 00:30:00	16.1	13.7	2.4
2026-03-13 00:31:00	16.1	13.7	2.4
2026-03-13 00:32:00	16.0	13.3	2.7
2026-03-13 00:33:00	16.0	13.4	2.6
2026-03-13 00:34:00	16.0	13.8	2.2
2026-03-13 00:35:00	16.0	14.3	1.7
2026-03-13 00:36:00	16.3	14.8	1.5
2026-03-13 00:37:00	16.6	15.1	1.5
2026-03-13 00:38:00	16.5	14.9	1.6
2026-03-13 00:39:00	16.2	14.5	1.7
2026-03-13 00:40:00	16.2	14.3	1.9
2026-03-13 00:41:00	16.2	13.9	2.3
2026-03-13 00:42:00	16.1	13.7	2.4
2026-03-13 00:43:00	16.1	13.5	2.6
2026-03-13 00:44:00	16.1	13.3	2.8
2026-03-13 00:45:00	16.0	13.6	2.4
2026-03-13 00:46:00	16.0	14.1	1.9
2026-03-13 00:47:00	16.2	14.6	1.6
2026-03-13 00:48:00	16.5	15.0	1.5
2026-03-13 00:49:00	16.5	15.0	1.5
2026-03-13 00:50:00	16.2	14.6	1.6
2026-03-13 00:51:00	16.2	14.3	1.9
2026-03-13 00:52:00	16.2	14.0	2.2
2026-03-13 00:53:00	16.1	13.6	2.5
2026-03-13 00:54:00	16.1	13.5	2.6
2026-03-13 00:55:00	16.1	13.3	2.8
2026-03-13 00:56:00	16.0	13.5	2.5
2026-03-13 00:57:00	16.0	13.9	2.1

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 00:58:00	16.0	14.5	1.5
2026-03-13 00:59:00	16.4	14.9	1.5
2026-03-13 01:00:00	16.6	15.1	1.5
2026-03-13 01:01:00	16.3	14.8	1.5
2026-03-13 01:02:00	16.2	14.4	1.8
2026-03-13 01:03:00	16.2	14.1	2.1
2026-03-13 01:04:00	16.2	13.8	2.4
2026-03-13 01:05:00	16.1	13.7	2.4
2026-03-13 01:06:00	16.1	13.4	2.7
2026-03-13 01:07:00	16.0	13.4	2.6
2026-03-13 01:08:00	16.0	13.8	2.2
2026-03-13 01:09:00	16.0	14.2	1.8
2026-03-13 01:10:00	16.3	14.8	1.5
2026-03-13 01:11:00	16.5	15.1	1.4
2026-03-13 01:12:00	16.4	15.0	1.4
2026-03-13 01:13:00	16.2	14.6	1.6
2026-03-13 01:14:00	16.2	14.2	2.0
2026-03-13 01:15:00	16.2	13.8	2.4
2026-03-13 01:16:00	16.1	13.6	2.5
2026-03-13 01:17:00	16.1	13.5	2.6
2026-03-13 01:18:00	16.0	13.3	2.7
2026-03-13 01:19:00	16.0	13.5	2.5
2026-03-13 01:20:00	16.0	14.0	2.0
2026-03-13 01:21:00	16.1	14.5	1.6
2026-03-13 01:22:00	16.4	15.0	1.4
2026-03-13 01:23:00	16.5	15.0	1.5
2026-03-13 01:24:00	16.2	14.7	1.5
2026-03-13 01:25:00	16.2	14.3	1.9
2026-03-13 01:26:00	16.2	14.0	2.2
2026-03-13 01:27:00	16.1	13.7	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 01:28:00	16.1	13.6	2.5
2026-03-13 01:29:00	16.0	13.3	2.7
2026-03-13 01:30:00	16.0	13.5	2.5
2026-03-13 01:31:00	16.0	13.9	2.1
2026-03-13 01:32:00	16.1	14.4	1.7
2026-03-13 01:33:00	16.4	14.9	1.5
2026-03-13 01:34:00	16.6	15.1	1.5
2026-03-13 01:35:00	16.3	14.8	1.5
2026-03-13 01:36:00	16.2	14.4	1.8
2026-03-13 01:37:00	16.1	14.1	2.0
2026-03-13 01:38:00	16.1	13.8	2.3
2026-03-13 01:39:00	16.1	13.7	2.4
2026-03-13 01:40:00	16.0	13.3	2.7
2026-03-13 01:41:00	16.0	13.4	2.6
2026-03-13 01:42:00	16.0	13.8	2.2
2026-03-13 01:43:00	16.0	14.2	1.8
2026-03-13 01:44:00	16.3	14.8	1.5
2026-03-13 01:45:00	16.6	15.1	1.5
2026-03-13 01:46:00	16.4	15.0	1.4
2026-03-13 01:47:00	16.2	14.6	1.6
2026-03-13 01:48:00	16.2	14.2	2.0
2026-03-13 01:49:00	16.2	13.8	2.4
2026-03-13 01:50:00	16.1	13.6	2.5
2026-03-13 01:51:00	16.1	13.5	2.6
2026-03-13 01:52:00	16.1	13.4	2.7
2026-03-13 01:53:00	16.0	13.6	2.4
2026-03-13 01:54:00	16.0	14.1	1.9
2026-03-13 01:55:00	16.1	14.5	1.6
2026-03-13 01:56:00	16.4	15.0	1.4
2026-03-13 01:57:00	16.5	15.0	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 01:58:00	16.2	14.7	1.5
2026-03-13 01:59:00	16.2	14.3	1.9
2026-03-13 02:00:00	16.2	14.0	2.2
2026-03-13 02:01:00	16.1	13.7	2.4
2026-03-13 02:02:00	16.1	13.5	2.6
2026-03-13 02:03:00	16.0	13.3	2.7
2026-03-13 02:04:00	16.0	13.4	2.6
2026-03-13 02:05:00	16.0	13.8	2.2
2026-03-13 02:06:00	16.0	14.4	1.6
2026-03-13 02:07:00	16.3	14.8	1.5
2026-03-13 02:08:00	16.5	15.1	1.4
2026-03-13 02:09:00	16.3	14.8	1.5
2026-03-13 02:10:00	16.2	14.4	1.8
2026-03-13 02:11:00	16.2	14.1	2.1
2026-03-13 02:12:00	16.2	13.9	2.3
2026-03-13 02:13:00	16.1	13.7	2.4
2026-03-13 02:14:00	16.1	13.4	2.7
2026-03-13 02:15:00	16.0	13.4	2.6
2026-03-13 02:16:00	16.0	13.7	2.3
2026-03-13 02:17:00	16.0	14.2	1.8
2026-03-13 02:18:00	16.2	14.7	1.5
2026-03-13 02:19:00	16.5	15.1	1.4
2026-03-13 02:20:00	16.5	15.0	1.5
2026-03-13 02:21:00	16.2	14.6	1.6
2026-03-13 02:22:00	16.2	14.2	2.0
2026-03-13 02:23:00	16.1	13.9	2.2
2026-03-13 02:24:00	16.1	13.7	2.4
2026-03-13 02:25:00	16.1	13.6	2.5
2026-03-13 02:26:00	16.0	13.4	2.6
2026-03-13 02:27:00	16.0	13.6	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 02:28:00	16.0	14.0	2.0
2026-03-13 02:29:00	16.1	14.5	1.6
2026-03-13 02:30:00	16.5	15.0	1.5
2026-03-13 02:31:00	16.6	15.0	1.6
2026-03-13 02:32:00	16.2	14.6	1.6
2026-03-13 02:33:00	16.2	14.3	1.9
2026-03-13 02:34:00	16.1	14.0	2.1
2026-03-13 02:35:00	16.1	13.7	2.4
2026-03-13 02:36:00	16.0	13.6	2.4
2026-03-13 02:37:00	16.0	13.4	2.6
2026-03-13 02:38:00	16.0	13.5	2.5
2026-03-13 02:39:00	16.0	13.9	2.1
2026-03-13 02:40:00	16.0	14.4	1.6
2026-03-13 02:41:00	16.3	14.9	1.4
2026-03-13 02:42:00	16.5	15.1	1.4
2026-03-13 02:43:00	16.3	14.8	1.5
2026-03-13 02:44:00	16.2	14.4	1.8
2026-03-13 02:45:00	16.1	14.0	2.1
2026-03-13 02:46:00	16.1	13.7	2.4
2026-03-13 02:47:00	16.1	13.6	2.5
2026-03-13 02:48:00	16.1	13.3	2.8
2026-03-13 02:49:00	16.0	13.4	2.6
2026-03-13 02:50:00	16.0	13.7	2.3
2026-03-13 02:51:00	16.0	14.2	1.8
2026-03-13 02:52:00	16.2	14.7	1.5
2026-03-13 02:53:00	16.5	15.1	1.4
2026-03-13 02:54:00	16.4	14.8	1.6
2026-03-13 02:55:00	16.2	14.4	1.8
2026-03-13 02:56:00	16.2	14.1	2.1
2026-03-13 02:57:00	16.2	13.7	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 02:58:00	16.1	13.5	2.6
2026-03-13 02:59:00	16.1	13.4	2.7
2026-03-13 03:00:00	16.0	13.3	2.7
2026-03-13 03:01:00	16.0	13.6	2.4
2026-03-13 03:02:00	16.0	14.1	1.9
2026-03-13 03:03:00	16.1	14.5	1.6
2026-03-13 03:04:00	16.4	15.0	1.4
2026-03-13 03:05:00	16.5	15.0	1.5
2026-03-13 03:06:00	16.2	14.7	1.5
2026-03-13 03:07:00	16.2	14.3	1.9
2026-03-13 03:08:00	16.2	14.0	2.2
2026-03-13 03:09:00	16.1	13.6	2.5
2026-03-13 03:10:00	16.1	13.6	2.5
2026-03-13 03:11:00	16.0	13.3	2.7
2026-03-13 03:12:00	16.0	13.5	2.5
2026-03-13 03:13:00	16.0	13.9	2.1
2026-03-13 03:14:00	16.1	14.4	1.7
2026-03-13 03:15:00	16.3	14.9	1.4
2026-03-13 03:16:00	16.5	15.1	1.4
2026-03-13 03:17:00	16.3	14.8	1.5
2026-03-13 03:18:00	16.2	14.4	1.8
2026-03-13 03:19:00	16.2	14.1	2.1
2026-03-13 03:20:00	16.2	13.7	2.5
2026-03-13 03:21:00	16.1	13.6	2.5
2026-03-13 03:22:00	16.1	13.4	2.7
2026-03-13 03:23:00	16.0	13.4	2.6
2026-03-13 03:24:00	16.0	13.7	2.3
2026-03-13 03:25:00	16.0	14.3	1.7
2026-03-13 03:26:00	16.2	14.7	1.5
2026-03-13 03:27:00	16.5	15.0	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 03:28:00	16.4	14.8	1.6
2026-03-13 03:29:00	16.2	14.5	1.7
2026-03-13 03:30:00	16.2	14.2	2.0
2026-03-13 03:31:00	16.2	13.9	2.3
2026-03-13 03:32:00	16.1	13.7	2.4
2026-03-13 03:33:00	16.0	13.3	2.7
2026-03-13 03:34:00	16.0	13.2	2.8
2026-03-13 03:35:00	16.0	13.5	2.5
2026-03-13 03:36:00	16.0	14.0	2.0
2026-03-13 03:37:00	16.2	14.5	1.7
2026-03-13 03:38:00	16.5	15.0	1.5
2026-03-13 03:39:00	16.6	15.0	1.6
2026-03-13 03:40:00	16.3	14.7	1.6
2026-03-13 03:41:00	16.2	14.3	1.9
2026-03-13 03:42:00	16.1	13.9	2.2
2026-03-13 03:43:00	16.1	13.6	2.5
2026-03-13 03:44:00	16.1	13.6	2.5
2026-03-13 03:45:00	16.1	13.3	2.8
2026-03-13 03:46:00	16.0	13.4	2.6
2026-03-13 03:47:00	16.0	13.8	2.2
2026-03-13 03:48:00	16.0	14.4	1.6
2026-03-13 03:49:00	16.3	14.8	1.5
2026-03-13 03:50:00	16.5	15.1	1.4
2026-03-13 03:51:00	16.3	14.8	1.5
2026-03-13 03:52:00	16.2	14.5	1.7
2026-03-13 03:53:00	16.2	14.1	2.1
2026-03-13 03:54:00	16.1	13.8	2.3
2026-03-13 03:55:00	16.1	13.6	2.5
2026-03-13 03:56:00	16.0	13.4	2.6
2026-03-13 03:57:00	16.0	13.4	2.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 03:58:00	15.9	13.6	2.3
2026-03-13 03:59:00	15.9	14.1	1.8
2026-03-13 04:00:00	16.2	14.6	1.6
2026-03-13 04:01:00	16.5	15.0	1.5
2026-03-13 04:02:00	16.6	15.0	1.6
2026-03-13 04:03:00	16.3	14.7	1.6
2026-03-13 04:04:00	16.2	14.2	2.0
2026-03-13 04:05:00	16.2	13.9	2.3
2026-03-13 04:06:00	16.1	13.6	2.5
2026-03-13 04:07:00	16.1	13.5	2.6
2026-03-13 04:08:00	16.0	13.2	2.8
2026-03-13 04:09:00	16.0	13.4	2.6
2026-03-13 04:10:00	16.0	13.8	2.2
2026-03-13 04:11:00	16.0	14.3	1.7
2026-03-13 04:12:00	16.3	14.9	1.4
2026-03-13 04:13:00	16.5	15.1	1.4
2026-03-13 04:14:00	16.3	14.8	1.5
2026-03-13 04:15:00	16.2	14.4	1.8
2026-03-13 04:16:00	16.1	14.2	1.9
2026-03-13 04:17:00	16.1	13.8	2.3
2026-03-13 04:18:00	16.0	13.7	2.3
2026-03-13 04:19:00	16.0	13.3	2.7
2026-03-13 04:20:00	16.0	13.3	2.7
2026-03-13 04:21:00	16.0	13.7	2.3
2026-03-13 04:22:00	16.0	14.1	1.9
2026-03-13 04:23:00	16.2	14.6	1.6
2026-03-13 04:24:00	16.5	15.1	1.4
2026-03-13 04:25:00	16.5	15.0	1.5
2026-03-13 04:26:00	16.2	14.5	1.7
2026-03-13 04:27:00	16.1	14.1	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 04:28:00	16.1	13.8	2.3
2026-03-13 04:29:00	16.1	13.6	2.5
2026-03-13 04:30:00	16.1	13.6	2.5
2026-03-13 04:31:00	16.0	13.3	2.7
2026-03-13 04:32:00	16.0	13.6	2.4
2026-03-13 04:33:00	16.0	14.0	2.0
2026-03-13 04:34:00	16.1	14.5	1.6
2026-03-13 04:35:00	16.4	15.0	1.4
2026-03-13 04:36:00	16.5	14.9	1.6
2026-03-13 04:37:00	16.2	14.7	1.5
2026-03-13 04:38:00	16.2	14.3	1.9
2026-03-13 04:39:00	16.1	14.0	2.1
2026-03-13 04:40:00	16.1	13.7	2.4
2026-03-13 04:41:00	16.0	13.6	2.4
2026-03-13 04:42:00	16.0	13.2	2.8
2026-03-13 04:43:00	16.0	13.4	2.6
2026-03-13 04:44:00	16.0	13.9	2.1
2026-03-13 04:45:00	16.0	14.3	1.7
2026-03-13 04:46:00	16.3	14.8	1.5
2026-03-13 04:47:00	16.5	15.1	1.4
2026-03-13 04:48:00	16.4	14.8	1.6
2026-03-13 04:49:00	16.2	14.4	1.8
2026-03-13 04:50:00	16.1	14.1	2.0
2026-03-13 04:51:00	16.1	13.7	2.4
2026-03-13 04:52:00	16.1	13.7	2.4
2026-03-13 04:53:00	16.0	13.4	2.6
2026-03-13 04:54:00	16.0	13.3	2.7
2026-03-13 04:55:00	16.0	13.7	2.3
2026-03-13 04:56:00	16.0	14.1	1.9
2026-03-13 04:57:00	16.1	14.6	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 04:58:00	16.5	15.0	1.5
2026-03-13 04:59:00	16.4	14.9	1.5
2026-03-13 05:00:00	16.2	14.6	1.6
2026-03-13 05:01:00	16.2	14.2	2.0
2026-03-13 05:02:00	16.1	13.8	2.3
2026-03-13 05:03:00	16.1	13.7	2.4
2026-03-13 05:04:00	16.1	13.5	2.6
2026-03-13 05:05:00	16.0	13.2	2.8
2026-03-13 05:06:00	16.0	13.5	2.5
2026-03-13 05:07:00	16.0	13.9	2.1
2026-03-13 05:08:00	16.1	14.5	1.6
2026-03-13 05:09:00	16.4	14.9	1.5
2026-03-13 05:10:00	16.5	15.1	1.4
2026-03-13 05:11:00	16.3	14.8	1.5
2026-03-13 05:12:00	16.1	14.3	1.8
2026-03-13 05:13:00	16.1	14.0	2.1
2026-03-13 05:14:00	16.1	13.7	2.4
2026-03-13 05:15:00	16.0	13.6	2.4
2026-03-13 05:16:00	16.0	13.3	2.7
2026-03-13 05:17:00	16.0	13.3	2.7
2026-03-13 05:18:00	16.0	13.7	2.3
2026-03-13 05:19:00	16.0	14.2	1.8
2026-03-13 05:20:00	16.2	14.6	1.6
2026-03-13 05:21:00	16.5	15.1	1.4
2026-03-13 05:22:00	16.4	14.9	1.5
2026-03-13 05:23:00	16.2	14.5	1.7
2026-03-13 05:24:00	16.2	14.2	2.0
2026-03-13 05:25:00	16.1	13.8	2.3
2026-03-13 05:26:00	16.1	13.5	2.6
2026-03-13 05:27:00	16.1	13.5	2.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 05:28:00	16.0	13.3	2.7
2026-03-13 05:29:00	16.0	13.5	2.5
2026-03-13 05:30:00	16.0	14.0	2.0
2026-03-13 05:31:00	16.1	14.4	1.7
2026-03-13 05:32:00	16.4	14.9	1.5
2026-03-13 05:33:00	16.5	15.1	1.4
2026-03-13 05:34:00	16.3	14.8	1.5
2026-03-13 05:35:00	16.1	14.3	1.8
2026-03-13 05:36:00	16.1	14.0	2.1
2026-03-13 05:37:00	16.1	13.6	2.5
2026-03-13 05:38:00	16.0	13.5	2.5
2026-03-13 05:39:00	16.0	13.3	2.7
2026-03-13 05:40:00	16.0	13.3	2.7
2026-03-13 05:41:00	15.9	13.7	2.2
2026-03-13 05:42:00	15.9	14.2	1.7
2026-03-13 05:43:00	16.2	14.7	1.5
2026-03-13 05:44:00	16.5	15.0	1.5
2026-03-13 05:45:00	16.4	14.8	1.6
2026-03-13 05:46:00	16.2	14.5	1.7
2026-03-13 05:47:00	16.1	14.1	2.0
2026-03-13 05:48:00	16.1	13.7	2.4
2026-03-13 05:49:00	16.1	13.5	2.6
2026-03-13 05:50:00	16.0	13.4	2.6
2026-03-13 05:51:00	16.0	13.3	2.7
2026-03-13 05:52:00	16.0	13.5	2.5
2026-03-13 05:53:00	16.0	14.0	2.0
2026-03-13 05:54:00	16.1	14.5	1.6
2026-03-13 05:55:00	16.4	15.0	1.4
2026-03-13 05:56:00	16.6	15.1	1.5
2026-03-13 05:57:00	16.4	14.8	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 05:58:00	16.2	14.4	1.8
2026-03-13 05:59:00	16.2	14.1	2.1
2026-03-13 06:00:00	16.1	13.8	2.3
2026-03-13 06:01:00	16.1	13.7	2.4
2026-03-13 06:02:00	16.0	13.3	2.7
2026-03-13 06:03:00	16.0	13.3	2.7
2026-03-13 06:04:00	16.0	13.6	2.4
2026-03-13 06:05:00	16.0	14.2	1.8
2026-03-13 06:06:00	16.2	14.7	1.5
2026-03-13 06:07:00	16.5	15.0	1.5
2026-03-13 06:08:00	16.5	15.0	1.5
2026-03-13 06:09:00	16.2	14.6	1.6
2026-03-13 06:10:00	16.2	14.2	2.0
2026-03-13 06:11:00	16.1	13.9	2.2
2026-03-13 06:12:00	16.1	13.6	2.5
2026-03-13 06:13:00	16.1	13.4	2.7
2026-03-13 06:14:00	16.0	13.2	2.8
2026-03-13 06:15:00	16.0	13.4	2.6
2026-03-13 06:16:00	16.0	13.8	2.2
2026-03-13 06:17:00	16.0	14.4	1.6
2026-03-13 06:18:00	16.4	14.8	1.6
2026-03-13 06:19:00	16.5	15.1	1.4
2026-03-13 06:20:00	16.3	14.8	1.5
2026-03-13 06:21:00	16.1	14.5	1.6
2026-03-13 06:22:00	16.1	14.1	2.0
2026-03-13 06:23:00	16.1	13.8	2.3
2026-03-13 06:24:00	16.1	13.6	2.5
2026-03-13 06:25:00	16.0	13.5	2.5
2026-03-13 06:26:00	16.0	13.4	2.6
2026-03-13 06:27:00	16.0	13.7	2.3

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 06:28:00	16.0	14.1	1.9
2026-03-13 06:29:00	16.1	14.7	1.4
2026-03-13 06:30:00	16.4	15.0	1.4
2026-03-13 06:31:00	16.5	14.9	1.6
2026-03-13 06:32:00	16.2	14.7	1.5
2026-03-13 06:33:00	16.1	14.3	1.8
2026-03-13 06:34:00	16.1	14.0	2.1
2026-03-13 06:35:00	16.1	13.7	2.4
2026-03-13 06:36:00	16.0	13.5	2.5
2026-03-13 06:37:00	16.0	13.2	2.8
2026-03-13 06:38:00	16.0	13.5	2.5
2026-03-13 06:39:00	16.0	13.9	2.1
2026-03-13 06:40:00	16.0	14.4	1.6
2026-03-13 06:41:00	16.3	14.8	1.5
2026-03-13 06:42:00	16.6	15.1	1.5
2026-03-13 06:43:00	16.3	14.8	1.5
2026-03-13 06:44:00	16.2	14.4	1.8
2026-03-13 06:45:00	16.1	14.1	2.0
2026-03-13 06:46:00	16.1	13.8	2.3
2026-03-13 06:47:00	16.1	13.7	2.4
2026-03-13 06:48:00	16.0	13.3	2.7
2026-03-13 06:49:00	16.0	13.3	2.7
2026-03-13 06:50:00	16.0	13.6	2.4
2026-03-13 06:51:00	16.0	14.2	1.8
2026-03-13 06:52:00	16.3	14.6	1.7
2026-03-13 06:53:00	16.5	15.0	1.5
2026-03-13 06:54:00	16.5	14.9	1.6
2026-03-13 06:55:00	16.3	14.6	1.7
2026-03-13 06:56:00	16.2	14.3	1.9
2026-03-13 06:57:00	16.2	14.0	2.2

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 06:58:00	16.1	13.7	2.4
2026-03-13 06:59:00	16.1	13.5	2.6
2026-03-13 07:00:00	16.0	13.2	2.8
2026-03-13 07:01:00	16.0	13.5	2.5
2026-03-13 07:02:00	16.0	14.0	2.0
2026-03-13 07:03:00	16.0	14.5	1.5
2026-03-13 07:04:00	16.4	14.9	1.5
2026-03-13 07:05:00	16.5	15.2	1.3
2026-03-13 07:06:00	16.3	14.8	1.5
2026-03-13 07:07:00	16.2	14.4	1.8
2026-03-13 07:08:00	16.2	14.1	2.1
2026-03-13 07:09:00	16.1	13.7	2.4
2026-03-13 07:10:00	16.1	13.6	2.5
2026-03-13 07:11:00	16.0	13.3	2.7
2026-03-13 07:12:00	16.0	13.4	2.6
2026-03-13 07:13:00	16.0	13.8	2.2
2026-03-13 07:14:00	16.0	14.2	1.8
2026-03-13 07:15:00	16.2	14.7	1.5
2026-03-13 07:16:00	16.5	15.1	1.4
2026-03-13 07:17:00	16.5	15.0	1.5
2026-03-13 07:18:00	16.2	14.6	1.6
2026-03-13 07:19:00	16.2	14.2	2.0
2026-03-13 07:20:00	16.1	13.8	2.3
2026-03-13 07:21:00	16.1	13.6	2.5
2026-03-13 07:22:00	16.1	13.5	2.6
2026-03-13 07:23:00	16.0	13.3	2.7
2026-03-13 07:24:00	16.0	13.5	2.5
2026-03-13 07:25:00	15.9	13.9	2.0
2026-03-13 07:26:00	16.1	14.5	1.6
2026-03-13 07:27:00	16.4	14.9	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 07:28:00	16.5	15.0	1.5
2026-03-13 07:29:00	16.3	14.7	1.6
2026-03-13 07:30:00	16.1	14.4	1.7
2026-03-13 07:31:00	16.1	14.1	2.0
2026-03-13 07:32:00	16.1	13.7	2.4
2026-03-13 07:33:00	16.1	13.6	2.5
2026-03-13 07:34:00	16.0	13.3	2.7
2026-03-13 07:35:00	16.0	13.4	2.6
2026-03-13 07:36:00	16.0	13.8	2.2
2026-03-13 07:37:00	16.0	14.3	1.7
2026-03-13 07:38:00	16.3	14.8	1.5
2026-03-13 07:39:00	16.5	15.1	1.4
2026-03-13 07:40:00	16.4	14.9	1.5
2026-03-13 07:41:00	16.2	14.5	1.7
2026-03-13 07:42:00	16.1	14.2	1.9
2026-03-13 07:43:00	16.1	13.9	2.2
2026-03-13 07:44:00	16.1	13.7	2.4
2026-03-13 07:45:00	16.1	13.4	2.7
2026-03-13 07:46:00	16.0	13.3	2.7
2026-03-13 07:47:00	16.0	13.6	2.4
2026-03-13 07:48:00	16.0	14.0	2.0
2026-03-13 07:49:00	16.1	14.5	1.6
2026-03-13 07:50:00	16.4	15.0	1.4
2026-03-13 07:51:00	16.5	15.0	1.5
2026-03-13 07:52:00	16.2	14.7	1.5
2026-03-13 07:53:00	16.2	14.3	1.9
2026-03-13 07:54:00	16.2	14.0	2.2
2026-03-13 07:55:00	16.1	13.7	2.4
2026-03-13 07:56:00	16.1	13.6	2.5
2026-03-13 07:57:00	16.0	13.3	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 07:58:00	16.0	13.4	2.6
2026-03-13 07:59:00	16.0	13.9	2.1
2026-03-13 08:00:00	16.0	14.3	1.7
2026-03-13 08:01:00	16.3	14.8	1.5
2026-03-13 08:02:00	16.5	15.1	1.4
2026-03-13 08:03:00	16.3	14.8	1.5
2026-03-13 08:04:00	16.2	14.4	1.8
2026-03-13 08:05:00	16.1	14.0	2.1
2026-03-13 08:06:00	16.1	13.7	2.4
2026-03-13 08:07:00	16.1	13.7	2.4
2026-03-13 08:08:00	16.0	13.4	2.6
2026-03-13 08:09:00	16.0	13.4	2.6
2026-03-13 08:10:00	15.9	13.7	2.2
2026-03-13 08:11:00	15.9	14.3	1.6
2026-03-13 08:12:00	16.2	14.7	1.5
2026-03-13 08:13:00	16.5	15.0	1.5
2026-03-13 08:14:00	16.3	14.8	1.5
2026-03-13 08:15:00	16.2	14.4	1.8
2026-03-13 08:16:00	16.1	14.1	2.0
2026-03-13 08:17:00	16.1	13.7	2.4
2026-03-13 08:18:00	16.0	13.6	2.4
2026-03-13 08:19:00	16.0	13.4	2.6
2026-03-13 08:20:00	16.0	13.3	2.7
2026-03-13 08:21:00	16.0	13.6	2.4
2026-03-13 08:22:00	16.0	14.2	1.8
2026-03-13 08:23:00	16.2	14.7	1.5
2026-03-13 08:24:00	16.5	15.0	1.5
2026-03-13 08:25:00	16.5	15.0	1.5
2026-03-13 08:26:00	16.2	14.6	1.6
2026-03-13 08:27:00	16.2	14.3	1.9

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 08:28:00	16.1	13.8	2.3
2026-03-13 08:29:00	16.1	13.7	2.4
2026-03-13 08:30:00	16.1	13.6	2.5
2026-03-13 08:31:00	16.0	13.3	2.7
2026-03-13 08:32:00	16.0	13.6	2.4
2026-03-13 08:33:00	16.0	14.0	2.0
2026-03-13 08:34:00	16.2	14.5	1.7
2026-03-13 08:35:00	16.4	15.0	1.4
2026-03-13 08:36:00	16.5	15.0	1.5
2026-03-13 08:37:00	16.3	14.7	1.6
2026-03-13 08:38:00	16.2	14.3	1.9
2026-03-13 08:39:00	16.1	14.0	2.1
2026-03-13 08:40:00	16.1	13.6	2.5
2026-03-13 08:41:00	16.1	13.5	2.6
2026-03-13 08:42:00	16.0	13.3	2.7
2026-03-13 08:43:00	16.0	13.5	2.5
2026-03-13 08:44:00	16.0	13.9	2.1
2026-03-13 08:45:00	16.1	14.4	1.7
2026-03-13 08:46:00	16.4	14.8	1.6
2026-03-13 08:47:00	16.5	15.0	1.5
2026-03-13 08:48:00	16.3	14.7	1.6
2026-03-13 08:49:00	16.2	14.3	1.9
2026-03-13 08:50:00	16.2	13.9	2.3
2026-03-13 08:51:00	16.2	13.7	2.5
2026-03-13 08:52:00	16.1	13.7	2.4
2026-03-13 08:53:00	16.1	13.4	2.7
2026-03-13 08:54:00	16.1	13.5	2.6
2026-03-13 08:55:00	16.1	13.9	2.2
2026-03-13 08:56:00	16.1	14.4	1.7
2026-03-13 08:57:00	16.3	14.9	1.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 08:58:00	16.5	15.0	1.5
2026-03-13 08:59:00	16.3	14.8	1.5
2026-03-13 09:00:00	16.3	14.3	2.0
2026-03-13 09:01:00	16.3	14.0	2.3
2026-03-13 09:02:00	16.2	13.7	2.5
2026-03-13 09:03:00	16.2	13.6	2.6
2026-03-13 09:04:00	16.2	13.3	2.9
2026-03-13 09:05:00	16.2	13.4	2.8
2026-03-13 09:06:00	16.1	13.8	2.3
2026-03-13 09:07:00	16.1	14.3	1.8
2026-03-13 09:08:00	16.3	14.8	1.5
2026-03-13 09:09:00	16.5	15.1	1.4
2026-03-13 09:10:00	16.3	14.8	1.5
2026-03-13 09:11:00	16.3	14.4	1.9
2026-03-13 09:12:00	16.3	14.2	2.1
2026-03-13 09:13:00	16.3	13.8	2.5
2026-03-13 09:14:00	16.3	13.7	2.6
2026-03-13 09:15:00	16.3	13.4	2.9
2026-03-13 09:16:00	16.2	13.4	2.8
2026-03-13 09:17:00	16.2	13.8	2.4
2026-03-13 09:18:00	16.2	14.3	1.9
2026-03-13 09:19:00	16.3	14.8	1.5
2026-03-13 09:20:00	16.6	15.1	1.5
2026-03-13 09:21:00	16.3	14.8	1.5
2026-03-13 09:22:00	16.3	14.4	1.9
2026-03-13 09:23:00	16.4	14.1	2.3
2026-03-13 09:24:00	16.3	13.7	2.6
2026-03-13 09:25:00	16.3	13.7	2.6
2026-03-13 09:26:00	16.3	13.5	2.8
2026-03-13 09:27:00	16.3	13.4	2.9

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 09:28:00	16.2	13.9	2.3
2026-03-13 09:29:00	16.2	14.3	1.9
2026-03-13 09:30:00	16.4	14.8	1.6
2026-03-13 09:31:00	16.6	15.1	1.5
2026-03-13 09:32:00	16.4	14.9	1.5
2026-03-13 09:33:00	16.4	14.5	1.9
2026-03-13 09:34:00	16.4	14.2	2.2
2026-03-13 09:35:00	16.3	13.8	2.5
2026-03-13 09:36:00	16.3	13.7	2.6
2026-03-13 09:37:00	16.3	13.5	2.8
2026-03-13 09:38:00	16.2	13.5	2.7
2026-03-13 09:39:00	16.2	13.8	2.4
2026-03-13 09:40:00	16.2	14.3	1.9
2026-03-13 09:41:00	16.3	14.8	1.5
2026-03-13 09:42:00	16.5	15.1	1.4
2026-03-13 09:43:00	16.4	14.8	1.6
2026-03-13 09:44:00	16.3	14.5	1.8
2026-03-13 09:45:00	16.3	14.1	2.2
2026-03-13 09:46:00	16.3	13.8	2.5
2026-03-13 09:47:00	16.2	13.7	2.5
2026-03-13 09:48:00	16.2	13.4	2.8
2026-03-13 09:49:00	16.2	13.4	2.8
2026-03-13 09:50:00	16.2	13.8	2.4
2026-03-13 09:51:00	16.2	14.3	1.9
2026-03-13 09:52:00	16.3	14.8	1.5
2026-03-13 09:53:00	16.6	15.1	1.5
2026-03-13 09:54:00	16.3	14.8	1.5
2026-03-13 09:55:00	16.3	14.5	1.8
2026-03-13 09:56:00	16.3	14.1	2.2
2026-03-13 09:57:00	16.3	13.8	2.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 09:58:00	16.2	13.7	2.5
2026-03-13 09:59:00	16.2	13.3	2.9
2026-03-13 10:00:00	16.2	13.4	2.8
2026-03-13 10:01:00	16.1	13.8	2.3
2026-03-13 10:02:00	16.1	14.2	1.9
2026-03-13 10:03:00	16.3	14.8	1.5
2026-03-13 10:04:00	16.6	15.1	1.5
2026-03-13 10:05:00	16.4	14.8	1.6
2026-03-13 10:06:00	16.3	14.5	1.8
2026-03-13 10:07:00	16.3	14.2	2.1
2026-03-13 10:08:00	16.2	13.8	2.4
2026-03-13 10:09:00	16.2	13.7	2.5
2026-03-13 10:10:00	16.2	13.4	2.8
2026-03-13 10:11:00	16.1	13.3	2.8
2026-03-13 10:12:00	16.1	13.7	2.4
2026-03-13 10:13:00	16.1	14.2	1.9
2026-03-13 10:14:00	16.2	14.7	1.5
2026-03-13 10:15:00	16.5	15.1	1.4
2026-03-13 10:16:00	16.5	15.0	1.5
2026-03-13 10:17:00	16.3	14.6	1.7
2026-03-13 10:18:00	16.2	14.2	2.0
2026-03-13 10:19:00	16.2	13.8	2.4
2026-03-13 10:20:00	16.2	13.6	2.6
2026-03-13 10:21:00	16.2	13.5	2.7
2026-03-13 10:22:00	16.1	13.3	2.8
2026-03-13 10:23:00	16.1	13.6	2.5
2026-03-13 10:24:00	16.0	14.1	1.9
2026-03-13 10:25:00	16.1	14.5	1.6
2026-03-13 10:26:00	16.4	15.0	1.4
2026-03-13 10:27:00	16.5	14.9	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 10:28:00	16.2	14.6	1.6
2026-03-13 10:29:00	16.2	14.3	1.9
2026-03-13 10:30:00	16.2	14.0	2.2
2026-03-13 10:31:00	16.2	13.7	2.5
2026-03-13 10:32:00	16.2	13.5	2.7
2026-03-13 10:33:00	16.2	13.3	2.9
2026-03-13 10:34:00	16.1	13.5	2.6
2026-03-13 10:35:00	16.1	14.0	2.1
2026-03-13 10:36:00	16.1	14.5	1.6
2026-03-13 10:37:00	16.4	15.0	1.4
2026-03-13 10:38:00	16.5	15.0	1.5
2026-03-13 10:39:00	16.3	14.7	1.6
2026-03-13 10:40:00	16.3	14.3	2.0
2026-03-13 10:41:00	16.3	14.0	2.3
2026-03-13 10:42:00	16.2	13.7	2.5
2026-03-13 10:43:00	16.2	13.6	2.6
2026-03-13 10:44:00	16.2	13.3	2.9
2026-03-13 10:45:00	16.2	13.4	2.8
2026-03-13 10:46:00	16.1	13.9	2.2
2026-03-13 10:47:00	16.1	14.4	1.7
2026-03-13 10:48:00	16.3	14.9	1.4
2026-03-13 10:49:00	16.5	15.0	1.5
2026-03-13 10:50:00	16.3	14.7	1.6
2026-03-13 10:51:00	16.3	14.2	2.1
2026-03-13 10:52:00	16.3	14.0	2.3
2026-03-13 10:53:00	16.3	13.7	2.6
2026-03-13 10:54:00	16.3	13.6	2.7
2026-03-13 10:55:00	16.2	13.3	2.9
2026-03-13 10:56:00	16.2	13.4	2.8
2026-03-13 10:57:00	16.2	13.8	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 10:58:00	16.2	14.4	1.8
2026-03-13 10:59:00	16.3	14.8	1.5
2026-03-13 11:00:00	16.5	15.1	1.4
2026-03-13 11:01:00	16.3	14.8	1.5
2026-03-13 11:02:00	16.3	14.4	1.9
2026-03-13 11:03:00	16.3	14.0	2.3
2026-03-13 11:04:00	16.2	13.7	2.5
2026-03-13 11:05:00	16.2	13.6	2.6
2026-03-13 11:06:00	16.2	13.4	2.8
2026-03-13 11:07:00	16.2	13.4	2.8
2026-03-13 11:08:00	16.1	13.8	2.3
2026-03-13 11:09:00	16.1	14.2	1.9
2026-03-13 11:10:00	16.3	14.7	1.6
2026-03-13 11:11:00	16.5	15.1	1.4
2026-03-13 11:12:00	16.4	14.8	1.6
2026-03-13 11:13:00	16.3	14.4	1.9
2026-03-13 11:14:00	16.3	14.1	2.2
2026-03-13 11:15:00	16.3	13.8	2.5
2026-03-13 11:16:00	16.2	13.6	2.6
2026-03-13 11:17:00	16.2	13.4	2.8
2026-03-13 11:18:00	16.2	13.3	2.9
2026-03-13 11:19:00	16.1	13.7	2.4
2026-03-13 11:20:00	16.1	14.1	2.0
2026-03-13 11:21:00	16.2	14.6	1.6
2026-03-13 11:22:00	16.6	15.0	1.6
2026-03-13 11:23:00	16.5	15.0	1.5
2026-03-13 11:24:00	16.3	14.5	1.8
2026-03-13 11:25:00	16.3	14.2	2.1
2026-03-13 11:26:00	16.3	13.8	2.5
2026-03-13 11:27:00	16.2	13.5	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 11:28:00	16.2	13.5	2.7
2026-03-13 11:29:00	16.2	13.3	2.9
2026-03-13 11:30:00	16.1	13.5	2.6
2026-03-13 11:31:00	16.1	14.0	2.1
2026-03-13 11:32:00	16.2	14.5	1.7
2026-03-13 11:33:00	16.5	15.0	1.5
2026-03-13 11:34:00	16.6	14.9	1.7
2026-03-13 11:35:00	16.2	14.6	1.6
2026-03-13 11:36:00	16.2	14.2	2.0
2026-03-13 11:37:00	16.2	13.9	2.3
2026-03-13 11:38:00	16.2	13.6	2.6
2026-03-13 11:39:00	16.2	13.6	2.6
2026-03-13 11:40:00	16.2	13.4	2.8
2026-03-13 11:41:00	16.1	13.5	2.6
2026-03-13 11:42:00	16.1	14.0	2.1
2026-03-13 11:43:00	16.1	14.5	1.6
2026-03-13 11:44:00	16.4	14.9	1.5
2026-03-13 11:45:00	16.5	15.0	1.5
2026-03-13 11:46:00	16.3	14.8	1.5
2026-03-13 11:47:00	16.2	14.4	1.8
2026-03-13 11:48:00	16.2	14.0	2.2
2026-03-13 11:49:00	16.2	13.7	2.5
2026-03-13 11:50:00	16.2	13.6	2.6
2026-03-13 11:51:00	16.1	13.3	2.8
2026-03-13 11:52:00	16.1	13.4	2.7
2026-03-13 11:53:00	16.1	13.8	2.3
2026-03-13 11:54:00	16.1	14.4	1.7
2026-03-13 11:55:00	16.4	14.8	1.6
2026-03-13 11:56:00	16.6	15.1	1.5
2026-03-13 11:57:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 11:58:00	16.3	14.4	1.9
2026-03-13 11:59:00	16.3	14.0	2.3
2026-03-13 12:00:00	16.3	13.8	2.5
2026-03-13 12:01:00	16.2	13.7	2.5
2026-03-13 12:02:00	16.2	13.4	2.8
2026-03-13 12:03:00	16.1	13.4	2.7
2026-03-13 12:04:00	16.1	13.8	2.3
2026-03-13 12:05:00	16.1	14.3	1.8
2026-03-13 12:06:00	16.4	14.8	1.6
2026-03-13 12:07:00	16.6	15.1	1.5
2026-03-13 12:08:00	16.3	14.9	1.4
2026-03-13 12:09:00	16.2	14.4	1.8
2026-03-13 12:10:00	16.2	14.1	2.1
2026-03-13 12:11:00	16.2	13.8	2.4
2026-03-13 12:12:00	16.2	13.6	2.6
2026-03-13 12:13:00	16.1	13.4	2.7
2026-03-13 12:14:00	16.1	13.4	2.7
2026-03-13 12:15:00	16.1	13.7	2.4
2026-03-13 12:16:00	16.0	14.2	1.8
2026-03-13 12:17:00	16.3	14.6	1.7
2026-03-13 12:18:00	16.6	15.1	1.5
2026-03-13 12:19:00	16.5	14.9	1.6
2026-03-13 12:20:00	16.2	14.5	1.7
2026-03-13 12:21:00	16.2	14.1	2.1
2026-03-13 12:22:00	16.2	13.8	2.4
2026-03-13 12:23:00	16.2	13.6	2.6
2026-03-13 12:24:00	16.2	13.5	2.7
2026-03-13 12:25:00	16.1	13.4	2.7
2026-03-13 12:26:00	16.1	13.6	2.5
2026-03-13 12:27:00	16.1	14.1	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 12:28:00	16.2	14.6	1.6
2026-03-13 12:29:00	16.5	15.0	1.5
2026-03-13 12:30:00	16.5	14.9	1.6
2026-03-13 12:31:00	16.2	14.7	1.5
2026-03-13 12:32:00	16.2	14.3	1.9
2026-03-13 12:33:00	16.2	13.9	2.3
2026-03-13 12:34:00	16.2	13.6	2.6
2026-03-13 12:35:00	16.2	13.4	2.8
2026-03-13 12:36:00	16.1	13.2	2.9
2026-03-13 12:37:00	16.1	13.4	2.7
2026-03-13 12:38:00	16.0	13.9	2.1
2026-03-13 12:39:00	16.1	14.4	1.7
2026-03-13 12:40:00	16.4	14.9	1.5
2026-03-13 12:41:00	16.5	15.0	1.5
2026-03-13 12:42:00	16.3	14.8	1.5
2026-03-13 12:43:00	16.2	14.4	1.8
2026-03-13 12:44:00	16.2	14.0	2.2
2026-03-13 12:45:00	16.2	13.7	2.5
2026-03-13 12:46:00	16.2	13.6	2.6
2026-03-13 12:47:00	16.1	13.3	2.8
2026-03-13 12:48:00	16.1	13.4	2.7
2026-03-13 12:49:00	16.1	13.8	2.3
2026-03-13 12:50:00	16.1	14.4	1.7
2026-03-13 12:51:00	16.4	14.8	1.6
2026-03-13 12:52:00	16.5	15.1	1.4
2026-03-13 12:53:00	16.3	14.8	1.5
2026-03-13 12:54:00	16.3	14.4	1.9
2026-03-13 12:55:00	16.2	14.0	2.2
2026-03-13 12:56:00	16.2	13.7	2.5
2026-03-13 12:57:00	16.2	13.6	2.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 12:58:00	16.2	13.5	2.7
2026-03-13 12:59:00	16.1	13.5	2.6
2026-03-13 13:00:00	16.1	13.8	2.3
2026-03-13 13:01:00	16.1	14.3	1.8
2026-03-13 13:02:00	16.3	14.9	1.4
2026-03-13 13:03:00	16.5	15.1	1.4
2026-03-13 13:04:00	16.4	14.8	1.6
2026-03-13 13:05:00	16.3	14.6	1.7
2026-03-13 13:06:00	16.3	14.2	2.1
2026-03-13 13:07:00	16.2	13.9	2.3
2026-03-13 13:08:00	16.2	13.7	2.5
2026-03-13 13:09:00	16.2	13.4	2.8
2026-03-13 13:10:00	16.1	13.3	2.8
2026-03-13 13:11:00	16.1	13.7	2.4
2026-03-13 13:12:00	16.1	14.1	2.0
2026-03-13 13:13:00	16.2	14.7	1.5
2026-03-13 13:14:00	16.5	15.1	1.4
2026-03-13 13:15:00	16.4	14.9	1.5
2026-03-13 13:16:00	16.3	14.6	1.7
2026-03-13 13:17:00	16.2	14.3	1.9
2026-03-13 13:18:00	16.2	13.9	2.3
2026-03-13 13:19:00	16.2	13.7	2.5
2026-03-13 13:20:00	16.2	13.5	2.7
2026-03-13 13:21:00	16.1	13.4	2.7
2026-03-13 13:22:00	16.1	13.6	2.5
2026-03-13 13:23:00	16.1	14.1	2.0
2026-03-13 13:24:00	16.2	14.5	1.7
2026-03-13 13:25:00	16.5	15.0	1.5
2026-03-13 13:26:00	16.6	15.0	1.6
2026-03-13 13:27:00	16.3	14.7	1.6

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 13:28:00	16.3	14.4	1.9
2026-03-13 13:29:00	16.3	14.0	2.3
2026-03-13 13:30:00	16.2	13.7	2.5
2026-03-13 13:31:00	16.2	13.6	2.6
2026-03-13 13:32:00	16.2	13.3	2.9
2026-03-13 13:33:00	16.1	13.5	2.6
2026-03-13 13:34:00	16.1	14.0	2.1
2026-03-13 13:35:00	16.1	14.4	1.7
2026-03-13 13:36:00	16.4	15.0	1.4
2026-03-13 13:37:00	16.5	15.1	1.4
2026-03-13 13:38:00	16.4	14.8	1.6
2026-03-13 13:39:00	16.3	14.4	1.9
2026-03-13 13:40:00	16.3	14.0	2.3
2026-03-13 13:41:00	16.2	13.7	2.5
2026-03-13 13:42:00	16.2	13.7	2.5
2026-03-13 13:43:00	16.2	13.4	2.8
2026-03-13 13:44:00	16.2	13.5	2.7
2026-03-13 13:45:00	16.1	14.0	2.1
2026-03-13 13:46:00	16.2	14.5	1.7
2026-03-13 13:47:00	16.4	15.0	1.4
2026-03-13 13:48:00	16.5	15.1	1.4
2026-03-13 13:49:00	16.3	14.8	1.5
2026-03-13 13:50:00	16.3	14.3	2.0
2026-03-13 13:51:00	16.3	14.0	2.3
2026-03-13 13:52:00	16.3	13.7	2.6
2026-03-13 13:53:00	16.2	13.7	2.5
2026-03-13 13:54:00	16.2	13.4	2.8
2026-03-13 13:55:00	16.2	13.6	2.6
2026-03-13 13:56:00	16.2	14.0	2.2
2026-03-13 13:57:00	16.2	14.5	1.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 13:58:00	16.4	14.9	1.5
2026-03-13 13:59:00	16.6	15.1	1.5
2026-03-13 14:00:00	16.3	14.8	1.5
2026-03-13 14:01:00	16.3	14.4	1.9
2026-03-13 14:02:00	16.3	14.0	2.3
2026-03-13 14:03:00	16.3	13.7	2.6
2026-03-13 14:04:00	16.3	13.6	2.7
2026-03-13 14:05:00	16.2	13.3	2.9
2026-03-13 14:06:00	16.2	13.4	2.8
2026-03-13 14:07:00	16.2	13.8	2.4
2026-03-13 14:08:00	16.2	14.3	1.9
2026-03-13 14:09:00	16.3	14.8	1.5
2026-03-13 14:10:00	16.5	15.1	1.4
2026-03-13 14:11:00	16.4	14.8	1.6
2026-03-13 14:12:00	16.3	14.5	1.8
2026-03-13 14:13:00	16.3	14.2	2.1
2026-03-13 14:14:00	16.3	13.8	2.5
2026-03-13 14:15:00	16.2	13.7	2.5
2026-03-13 14:16:00	16.2	13.4	2.8
2026-03-13 14:17:00	16.2	13.4	2.8
2026-03-13 14:18:00	16.1	13.7	2.4
2026-03-13 14:19:00	16.1	14.3	1.8
2026-03-13 14:20:00	16.2	14.8	1.4
2026-03-13 14:21:00	16.5	15.1	1.4
2026-03-13 14:22:00	16.3	14.8	1.5
2026-03-13 14:23:00	16.3	14.5	1.8
2026-03-13 14:24:00	16.2	14.2	2.0
2026-03-13 14:25:00	16.2	13.8	2.4
2026-03-13 14:26:00	16.2	13.7	2.5
2026-03-13 14:27:00	16.2	13.4	2.8

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 14:28:00	16.1	13.4	2.7
2026-03-13 14:29:00	16.1	13.8	2.3
2026-03-13 14:30:00	16.1	14.3	1.8
2026-03-13 14:31:00	16.3	14.7	1.6
2026-03-13 14:32:00	16.6	15.1	1.5
2026-03-13 14:33:00	16.4	14.9	1.5
2026-03-13 14:34:00	16.3	14.5	1.8
2026-03-13 14:35:00	16.3	14.2	2.1
2026-03-13 14:36:00	16.2	13.9	2.3
2026-03-13 14:37:00	16.2	13.7	2.5
2026-03-13 14:38:00	16.2	13.4	2.8
2026-03-13 14:39:00	16.1	13.4	2.7
2026-03-13 14:40:00	16.1	13.7	2.4
2026-03-13 14:41:00	16.1	14.2	1.9
2026-03-13 14:42:00	16.2	14.7	1.5
2026-03-13 14:43:00	16.5	15.1	1.4
2026-03-13 14:44:00	16.4	15.0	1.4
2026-03-13 14:45:00	16.2	14.6	1.6
2026-03-13 14:46:00	16.2	14.2	2.0
2026-03-13 14:47:00	16.2	13.9	2.3
2026-03-13 14:48:00	16.2	13.7	2.5
2026-03-13 14:49:00	16.2	13.7	2.5
2026-03-13 14:50:00	16.2	13.5	2.7
2026-03-13 14:51:00	16.1	13.7	2.4
2026-03-13 14:52:00	16.1	14.2	1.9
2026-03-13 14:53:00	16.3	14.7	1.6
2026-03-13 14:54:00	16.5	15.1	1.4
2026-03-13 14:55:00	16.5	14.9	1.6
2026-03-13 14:56:00	16.3	14.6	1.7
2026-03-13 14:57:00	16.3	14.3	2.0

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 14:58:00	16.2	14.0	2.2
2026-03-13 14:59:00	16.2	13.7	2.5
2026-03-13 15:00:00	16.2	13.6	2.6
2026-03-13 15:01:00	16.1	13.5	2.6
2026-03-13 15:02:00	16.1	13.7	2.4
2026-03-13 15:03:00	16.1	14.2	1.9
2026-03-13 15:04:00	16.2	14.7	1.5
2026-03-13 15:05:00	16.5	15.1	1.4
2026-03-13 15:06:00	16.5	15.0	1.5
2026-03-13 15:07:00	16.3	14.7	1.6
2026-03-13 15:08:00	16.2	14.3	1.9
2026-03-13 15:09:00	16.2	13.9	2.3
2026-03-13 15:10:00	16.2	13.7	2.5
2026-03-13 15:11:00	16.2	13.7	2.5
2026-03-13 15:12:00	16.1	13.5	2.6
2026-03-13 15:13:00	16.1	13.7	2.4
2026-03-13 15:14:00	16.1	14.2	1.9
2026-03-13 15:15:00	16.2	14.6	1.6
2026-03-13 15:16:00	16.6	15.1	1.5
2026-03-13 15:17:00	16.5	15.0	1.5
2026-03-13 15:18:00	16.3	14.7	1.6
2026-03-13 15:19:00	16.3	14.3	2.0
2026-03-13 15:20:00	16.2	14.1	2.1
2026-03-13 15:21:00	16.2	13.8	2.4
2026-03-13 15:22:00	16.2	13.6	2.6
2026-03-13 15:23:00	16.2	13.4	2.8
2026-03-13 15:24:00	16.1	13.6	2.5
2026-03-13 15:25:00	16.1	14.1	2.0
2026-03-13 15:26:00	16.2	14.6	1.6
2026-03-13 15:27:00	16.5	15.0	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 15:28:00	16.6	15.0	1.6
2026-03-13 15:29:00	16.3	14.8	1.5
2026-03-13 15:30:00	16.3	14.3	2.0
2026-03-13 15:31:00	16.3	13.9	2.4
2026-03-13 15:32:00	16.2	13.7	2.5
2026-03-13 15:33:00	16.2	13.5	2.7
2026-03-13 15:34:00	16.2	13.3	2.9
2026-03-13 15:35:00	16.1	13.6	2.5
2026-03-13 15:36:00	16.1	14.0	2.1
2026-03-13 15:37:00	16.2	14.5	1.7
2026-03-13 15:38:00	16.4	15.0	1.4
2026-03-13 15:39:00	16.5	15.1	1.4
2026-03-13 15:40:00	16.3	14.7	1.6
2026-03-13 15:41:00	16.3	14.4	1.9
2026-03-13 15:42:00	16.2	14.1	2.1
2026-03-13 15:43:00	16.2	13.8	2.4
2026-03-13 15:44:00	16.2	13.6	2.6
2026-03-13 15:45:00	16.2	13.4	2.8
2026-03-13 15:46:00	16.1	13.6	2.5
2026-03-13 15:47:00	16.1	14.0	2.1
2026-03-13 15:48:00	16.2	14.5	1.7
2026-03-13 15:49:00	16.5	15.0	1.5
2026-03-13 15:50:00	16.6	15.1	1.5
2026-03-13 15:51:00	16.3	14.8	1.5
2026-03-13 15:52:00	16.3	14.4	1.9
2026-03-13 15:53:00	16.3	14.0	2.3
2026-03-13 15:54:00	16.2	13.8	2.4
2026-03-13 15:55:00	16.2	13.7	2.5
2026-03-13 15:56:00	16.2	13.4	2.8
2026-03-13 15:57:00	16.1	13.7	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 15:58:00	16.1	14.2	1.9
2026-03-13 15:59:00	16.1	14.6	1.5
2026-03-13 16:00:00	16.4	15.1	1.3
2026-03-13 16:01:00	16.5	15.1	1.4
2026-03-13 16:02:00	16.3	14.7	1.6
2026-03-13 16:03:00	16.3	14.3	2.0
2026-03-13 16:04:00	16.2	14.0	2.2
2026-03-13 16:05:00	16.2	13.7	2.5
2026-03-13 16:06:00	16.2	13.6	2.6
2026-03-13 16:07:00	16.2	13.4	2.8
2026-03-13 16:08:00	16.1	13.7	2.4
2026-03-13 16:09:00	16.1	14.0	2.1
2026-03-13 16:10:00	16.2	14.6	1.6
2026-03-13 16:11:00	16.5	15.1	1.4
2026-03-13 16:12:00	16.5	15.0	1.5
2026-03-13 16:13:00	16.3	14.7	1.6
2026-03-13 16:14:00	16.3	14.3	2.0
2026-03-13 16:15:00	16.3	13.9	2.4
2026-03-13 16:16:00	16.2	13.7	2.5
2026-03-13 16:17:00	16.2	13.7	2.5
2026-03-13 16:18:00	16.2	13.5	2.7
2026-03-13 16:19:00	16.1	13.8	2.3
2026-03-13 16:20:00	16.1	14.3	1.8
2026-03-13 16:21:00	16.3	14.7	1.6
2026-03-13 16:22:00	16.5	15.1	1.4
2026-03-13 16:23:00	16.4	15.0	1.4
2026-03-13 16:24:00	16.3	14.6	1.7
2026-03-13 16:25:00	16.3	14.3	2.0
2026-03-13 16:26:00	16.3	14.0	2.3
2026-03-13 16:27:00	16.2	13.8	2.4

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 16:28:00	16.2	13.5	2.7
2026-03-13 16:29:00	16.2	13.4	2.8
2026-03-13 16:30:00	16.1	13.7	2.4
2026-03-13 16:31:00	16.1	14.2	1.9
2026-03-13 16:32:00	16.3	14.7	1.6
2026-03-13 16:33:00	16.5	15.1	1.4
2026-03-13 16:34:00	16.5	15.0	1.5
2026-03-13 16:35:00	16.3	14.7	1.6
2026-03-13 16:36:00	16.3	14.4	1.9
2026-03-13 16:37:00	16.2	14.1	2.1
2026-03-13 16:38:00	16.2	13.8	2.4
2026-03-13 16:39:00	16.2	13.6	2.6
2026-03-13 16:40:00	16.2	13.5	2.7
2026-03-13 16:41:00	16.1	13.8	2.3
2026-03-13 16:42:00	16.1	14.3	1.8
2026-03-13 16:43:00	16.3	14.7	1.6
2026-03-13 16:44:00	16.6	15.1	1.5
2026-03-13 16:45:00	16.3	14.9	1.4
2026-03-13 16:46:00	16.3	14.6	1.7
2026-03-13 16:47:00	16.2	14.1	2.1
2026-03-13 16:48:00	16.2	13.8	2.4
2026-03-13 16:49:00	16.2	13.7	2.5
2026-03-13 16:50:00	16.2	13.5	2.7
2026-03-13 16:51:00	16.2	13.5	2.7
2026-03-13 16:52:00	16.1	13.9	2.2
2026-03-13 16:53:00	16.1	14.4	1.7
2026-03-13 16:54:00	16.4	14.9	1.5
2026-03-13 16:55:00	16.6	15.1	1.5
2026-03-13 16:56:00	16.3	14.8	1.5
2026-03-13 16:57:00	16.3	14.4	1.9

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 16:58:00	16.3	14.1	2.2
2026-03-13 16:59:00	16.2	13.8	2.4
2026-03-13 17:00:00	16.2	13.7	2.5
2026-03-13 17:01:00	16.2	13.5	2.7
2026-03-13 17:02:00	16.1	13.5	2.6
2026-03-13 17:03:00	16.1	13.9	2.2
2026-03-13 17:04:00	16.1	14.4	1.7
2026-03-13 17:05:00	16.4	14.9	1.5
2026-03-13 17:06:00	16.5	15.1	1.4
2026-03-13 17:07:00	16.3	14.8	1.5
2026-03-13 17:08:00	16.3	14.5	1.8
2026-03-13 17:09:00	16.3	14.2	2.1
2026-03-13 17:10:00	16.2	13.8	2.4
2026-03-13 17:11:00	16.2	13.7	2.5
2026-03-13 17:12:00	16.2	13.5	2.7
2026-03-13 17:13:00	16.1	13.5	2.6
2026-03-13 17:14:00	16.1	13.9	2.2
2026-03-13 17:15:00	16.1	14.4	1.7
2026-03-13 17:16:00	16.4	14.9	1.5
2026-03-13 17:17:00	16.6	15.1	1.5
2026-03-13 17:18:00	16.3	14.8	1.5
2026-03-13 17:19:00	16.3	14.5	1.8
2026-03-13 17:20:00	16.2	14.2	2.0
2026-03-13 17:21:00	16.2	13.8	2.4
2026-03-13 17:22:00	16.2	13.8	2.4
2026-03-13 17:23:00	16.2	13.4	2.8
2026-03-13 17:24:00	16.1	13.5	2.6
2026-03-13 17:25:00	16.1	13.8	2.3
2026-03-13 17:26:00	16.1	14.4	1.7
2026-03-13 17:27:00	16.4	14.9	1.5

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 17:28:00	16.6	15.1	1.5
2026-03-13 17:29:00	16.4	14.9	1.5
2026-03-13 17:30:00	16.3	14.5	1.8
2026-03-13 17:31:00	16.2	14.2	2.0
2026-03-13 17:32:00	16.2	13.8	2.4
2026-03-13 17:33:00	16.2	13.7	2.5
2026-03-13 17:34:00	16.2	13.4	2.8
2026-03-13 17:35:00	16.2	13.4	2.8
2026-03-13 17:36:00	16.1	13.8	2.3
2026-03-13 17:37:00	16.1	14.2	1.9
2026-03-13 17:38:00	16.3	14.8	1.5
2026-03-13 17:39:00	16.6	15.1	1.5
2026-03-13 17:40:00	16.4	14.9	1.5
2026-03-13 17:41:00	16.3	14.5	1.8
2026-03-13 17:42:00	16.3	14.2	2.1
2026-03-13 17:43:00	16.2	13.9	2.3
2026-03-13 17:44:00	16.2	13.7	2.5
2026-03-13 17:45:00	16.2	13.4	2.8
2026-03-13 17:46:00	16.2	13.4	2.8
2026-03-13 17:47:00	16.1	13.8	2.3
2026-03-13 17:48:00	16.1	14.2	1.9
2026-03-13 17:49:00	16.3	14.8	1.5
2026-03-13 17:50:00	16.6	15.1	1.5
2026-03-13 17:51:00	16.4	14.8	1.6
2026-03-13 17:52:00	16.3	14.5	1.8
2026-03-13 17:53:00	16.3	14.1	2.2
2026-03-13 17:54:00	16.2	13.8	2.4
2026-03-13 17:55:00	16.2	13.7	2.5
2026-03-13 17:56:00	16.2	13.5	2.7
2026-03-13 17:57:00	16.1	13.4	2.7

时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 17:58:00	16.1	13.8	2.3
2026-03-13 17:59:00	16.1	14.3	1.8
2026-03-13 18:00:00	16.3	14.8	1.5
2026-03-13 18:01:00	16.6	15.1	1.5
2026-03-13 18:02:00	16.4	14.9	1.5
2026-03-13 18:03:00	16.2	14.5	1.7
2026-03-13 18:04:00	16.2	14.2	2.0
2026-03-13 18:05:00	16.2	13.9	2.3
2026-03-13 18:06:00	16.2	13.7	2.5
2026-03-13 18:07:00	16.2	13.5	2.7
2026-03-13 18:08:00	16.1	13.5	2.6
2026-03-13 18:09:00	16.1	13.8	2.3
2026-03-13 18:10:00	16.1	14.3	1.8
2026-03-13 18:11:00	16.3	14.8	1.5
2026-03-13 18:12:00	16.6	15.1	1.5
2026-03-13 18:13:00	16.5	14.9	1.6
2026-03-13 18:14:00	16.3	14.6	1.7
2026-03-13 18:15:00	16.3	14.2	2.1
2026-03-13 18:16:00	16.2	13.8	2.4
2026-03-13 18:17:00	16.2	13.7	2.5
2026-03-13 18:18:00	16.2	13.5	2.7
2026-03-13 18:19:00	16.2	13.4	2.8
2026-03-13 18:20:00	16.1	13.8	2.3
2026-03-13 18:21:00	16.1	14.2	1.9
2026-03-13 18:22:00	16.3	14.8	1.5
2026-03-13 18:23:00	16.5	15.1	1.4
2026-03-13 18:24:00	16.4	14.9	1.5
2026-03-13 18:25:00	16.3	14.6	1.7
2026-03-13 18:26:00	16.3	14.2	2.1
2026-03-13 18:27:00	16.2	13.8	2.4

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时间	所有点最大值 (timax)	所有点最小值 (timin)	timax-timin
2026-03-13 18:28:00	16.2	13.7	2.5
2026-03-13 18:29:00	16.2	13.5	2.7
2026-03-13 18:30:00	16.2	13.4	2.8