Run Info

Host Name	**GXB01275 (localhost)**
Position	**X1**
Experiment Name	**kokia**
Sample ID	**Kc1**
Run ID	**ed52cffd-fdad-464c-92eb-890c7c58987b**
Acquisition ID(s)	**9c9eff003785a91e4c98474e8a4205235a3cfc3c, 1cf3cebb98a566b68414ce3e0cfb689704e7ac8b**
Flow Cell Id	**FAT09344**
Start Time	**April 1, 11:33**
Run Length	**9d 7h 14m**

Run Summary

Reads Generated	**2.52 M**
Passed Bases	**10.37 Gb**
Failed Bases	**2.81 Gb**
Estimated Bases	**14.77 Gb**
Percentage Basecalled	**104%**

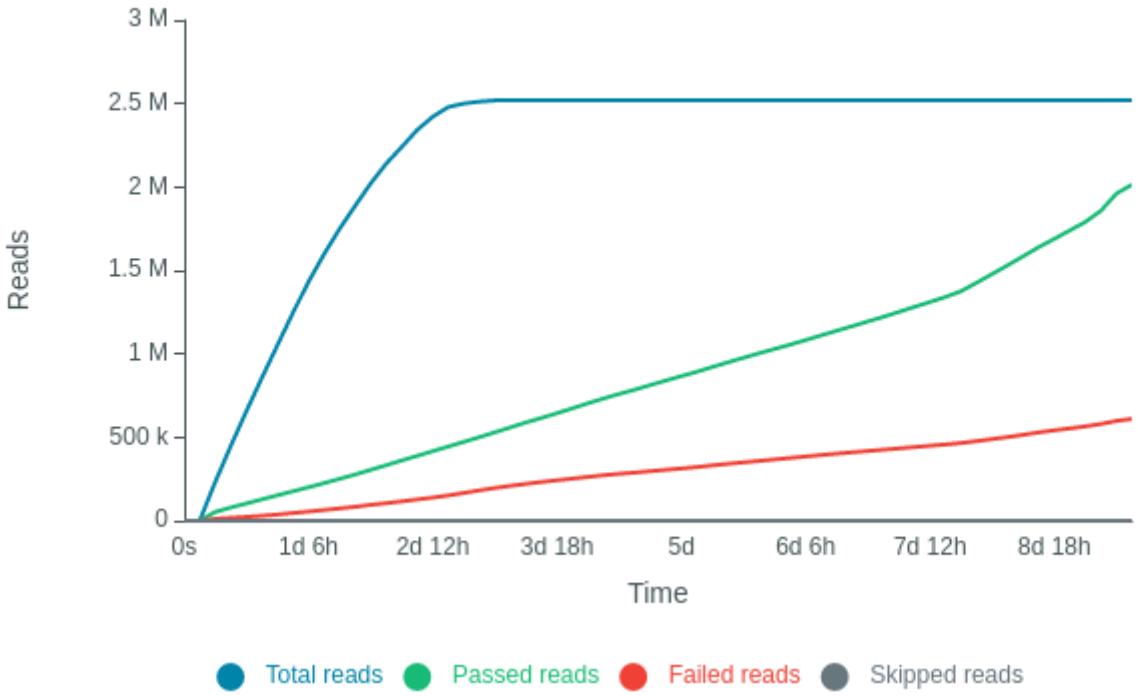
Run Parameters

Flow Cell Type	**FLO-MIN112**
Kit	**SQK-LSK112**
Initial bias voltage	**-200 mV**
FAST5 output	**Enabled**
FASTQ output	**Enabled**
BAM output	**Disabled**
Bulk file output	**Disabled**
Active channel selection	**Enabled**
Basecalling	**Enabled**
Specified run length	**72 hours**
FAST5 reads per file	**4000**
FAST5 output options	**vbz_compress,fastq,raw**
FASTQ reads per file	**4000**
FASTQ output options	**compress**
Mux scan period	**1 hour 30 minutes**
Reserved pores	**0 %**
Basecall model	**dna_r10.4_e8.1_sup.cfg**
Read filtering	**min_qscore=10**
Read splitting	**enable=on**

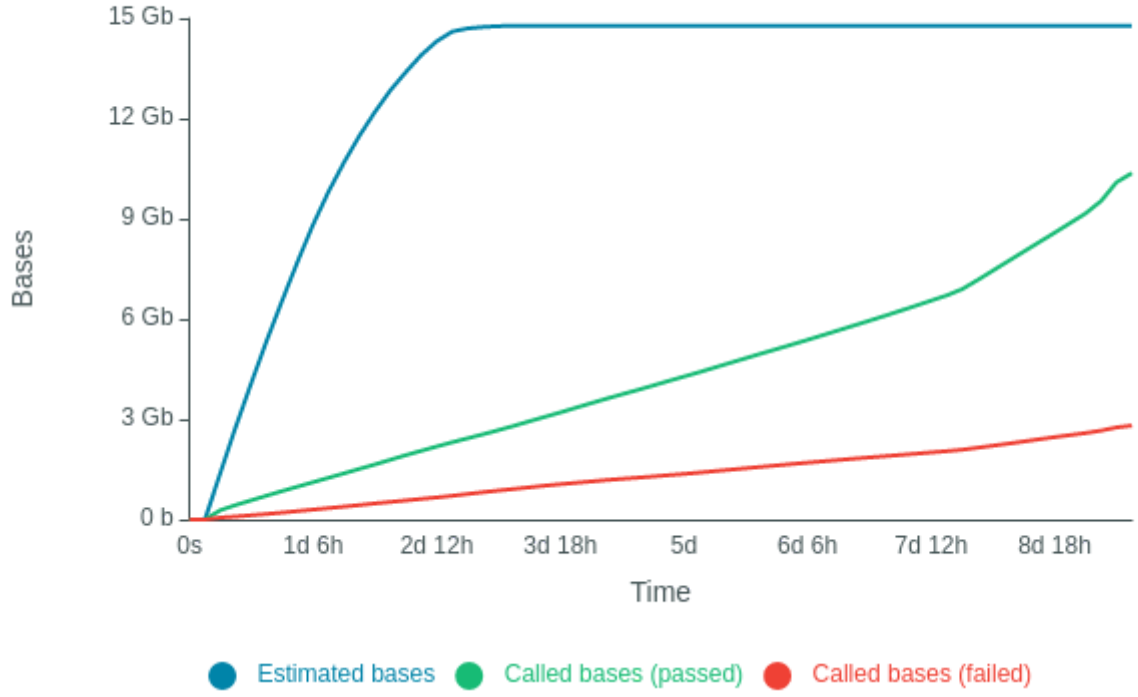
Versions

MinKNOW	**21.11.7**
MinKNOW Core	**4.5.4**
Bream	**6.3.5**
Guppy	**5.1.13**

Cumulative Output Reads

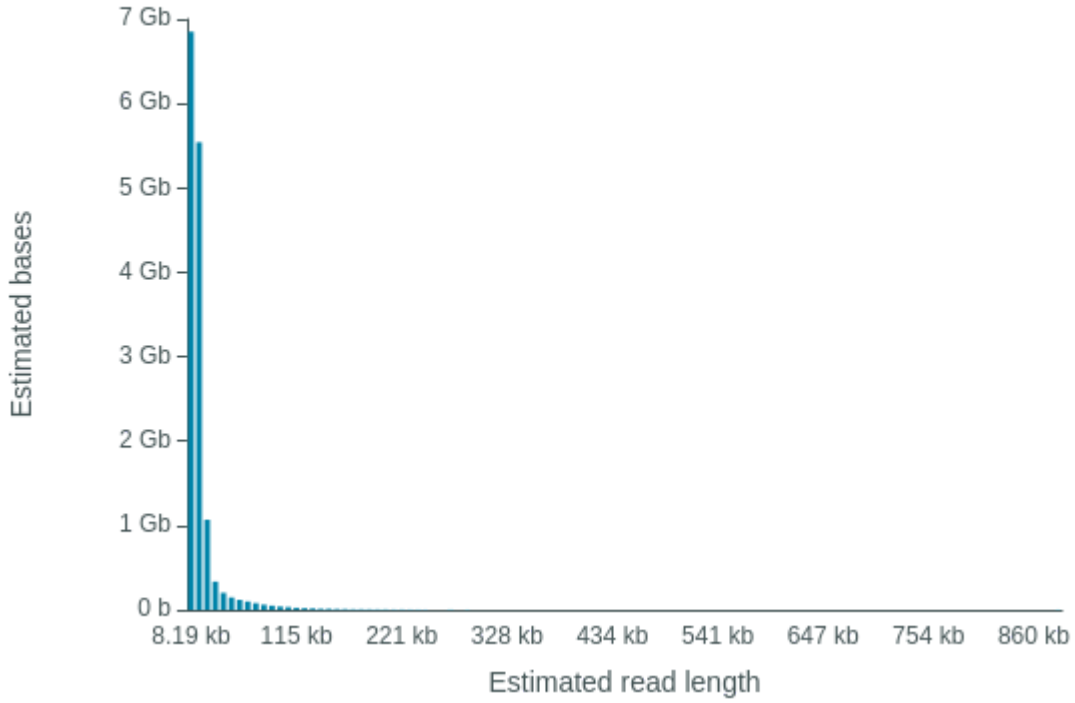


Cumulative Output Bases



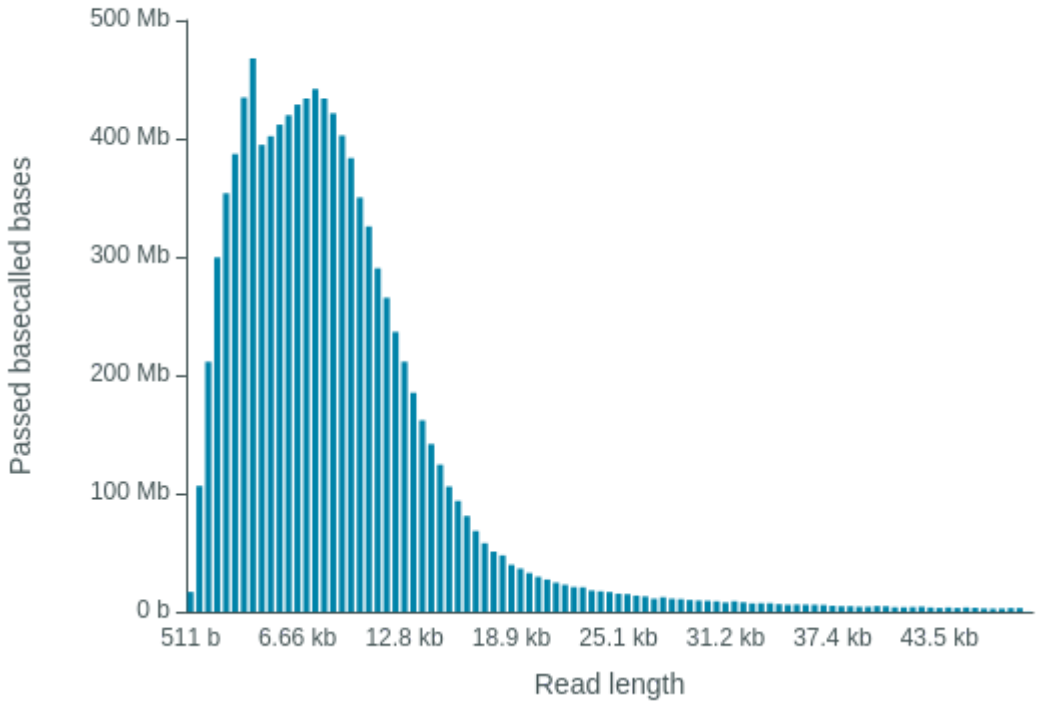
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 8.71 kb



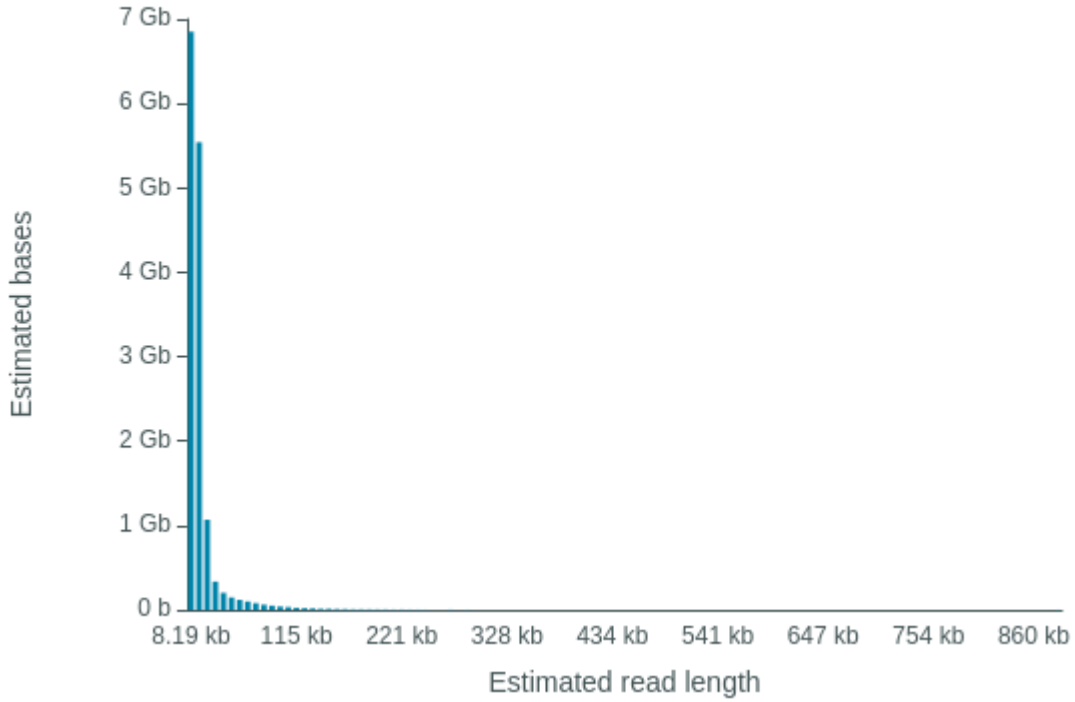
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 7.59 kb



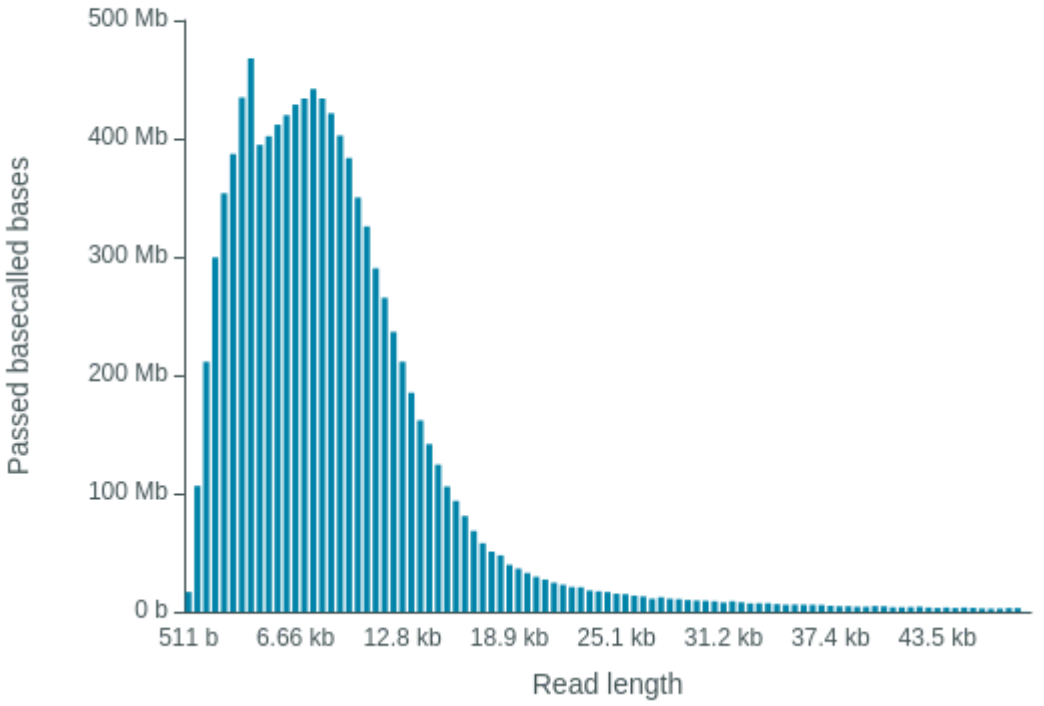
Read Length Histogram Estimated Bases

Estimated N50: 8.71 kb

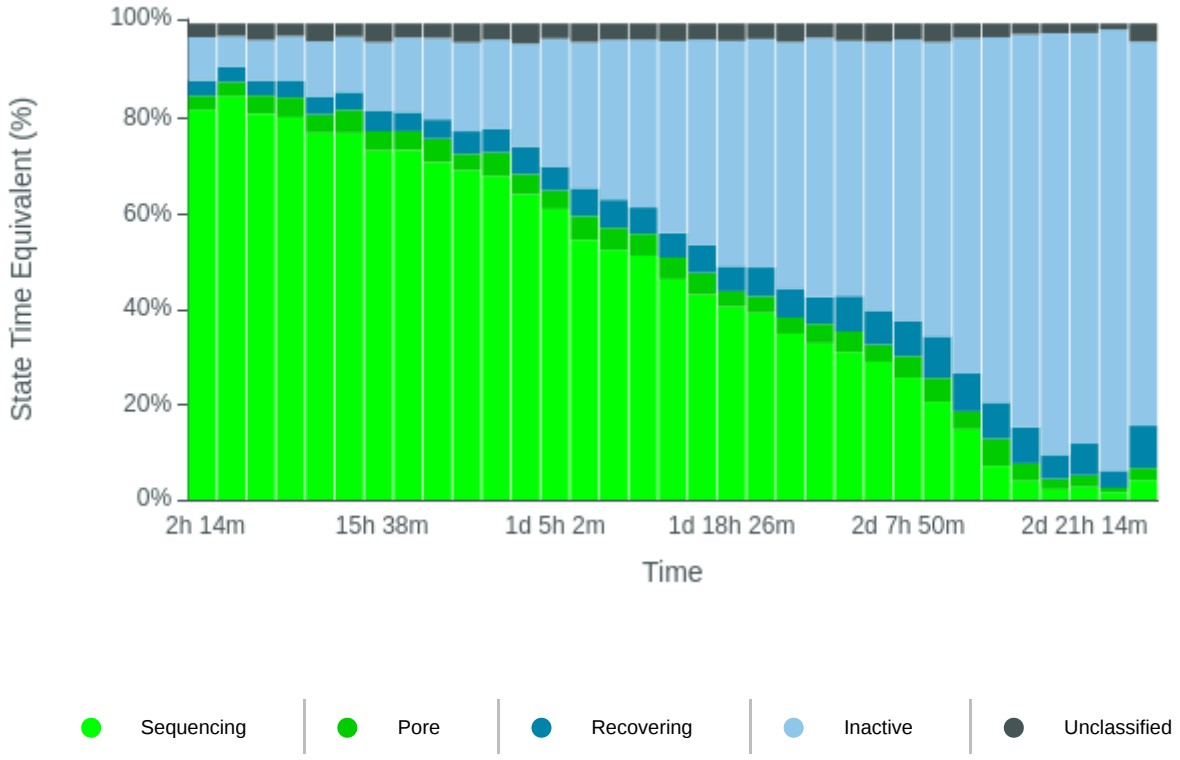


Read Length Histogram Basecalled Bases

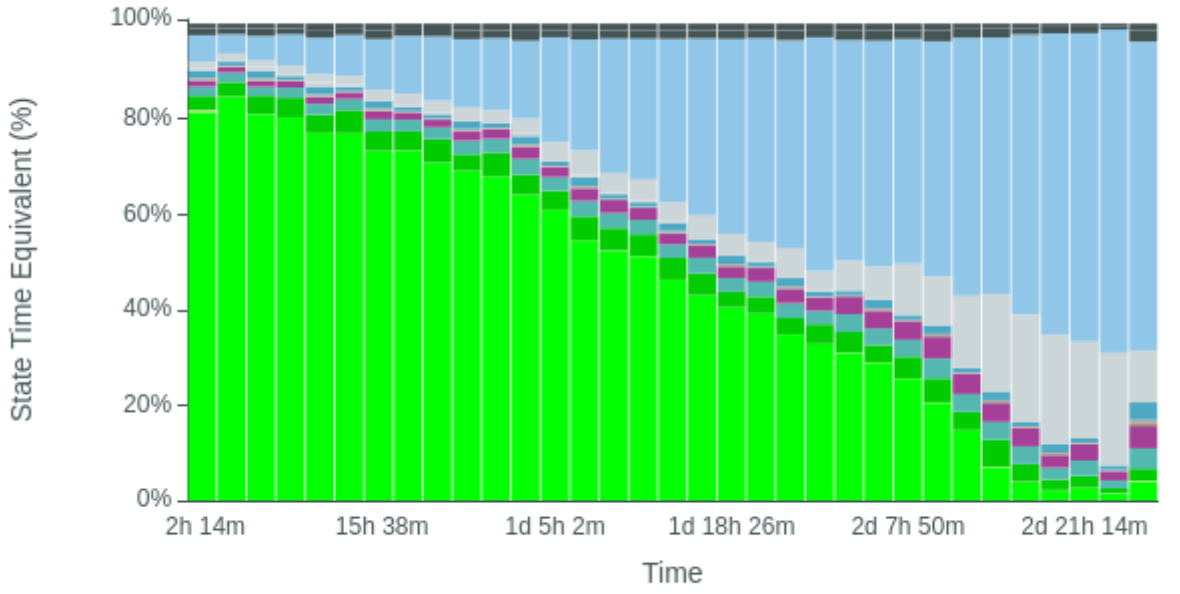
Estimated N50: 7.59 kb



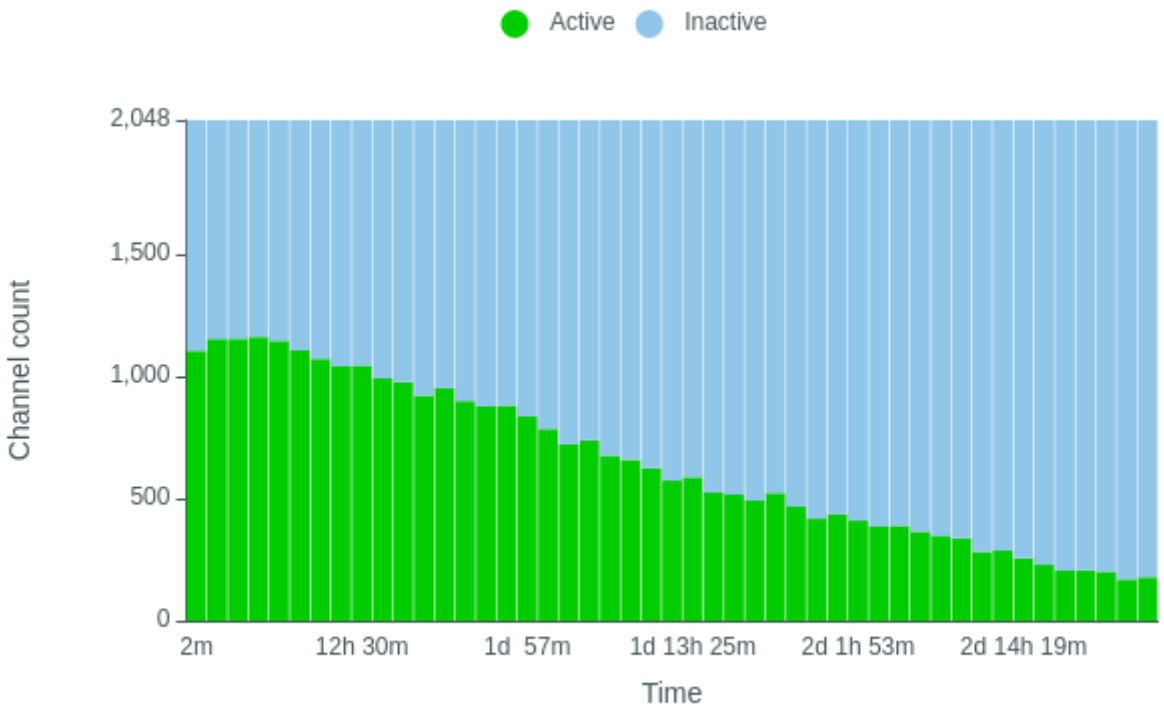
Duty Time Grouped



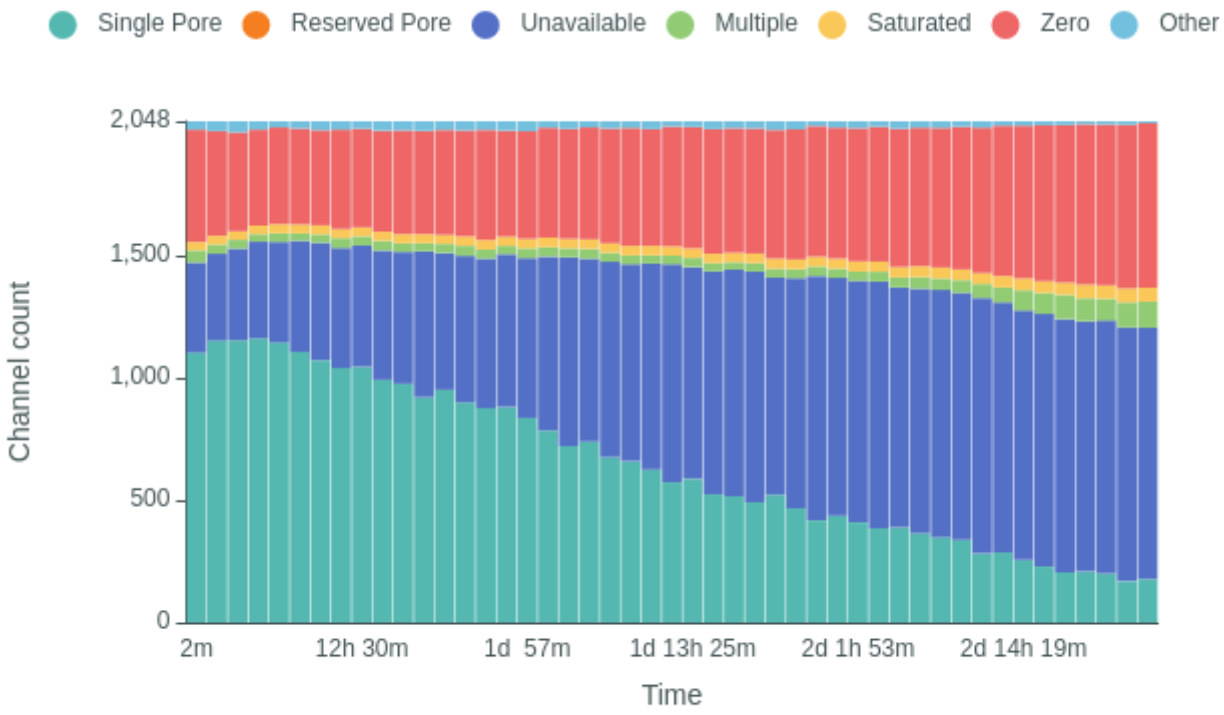
Duty time Categorised



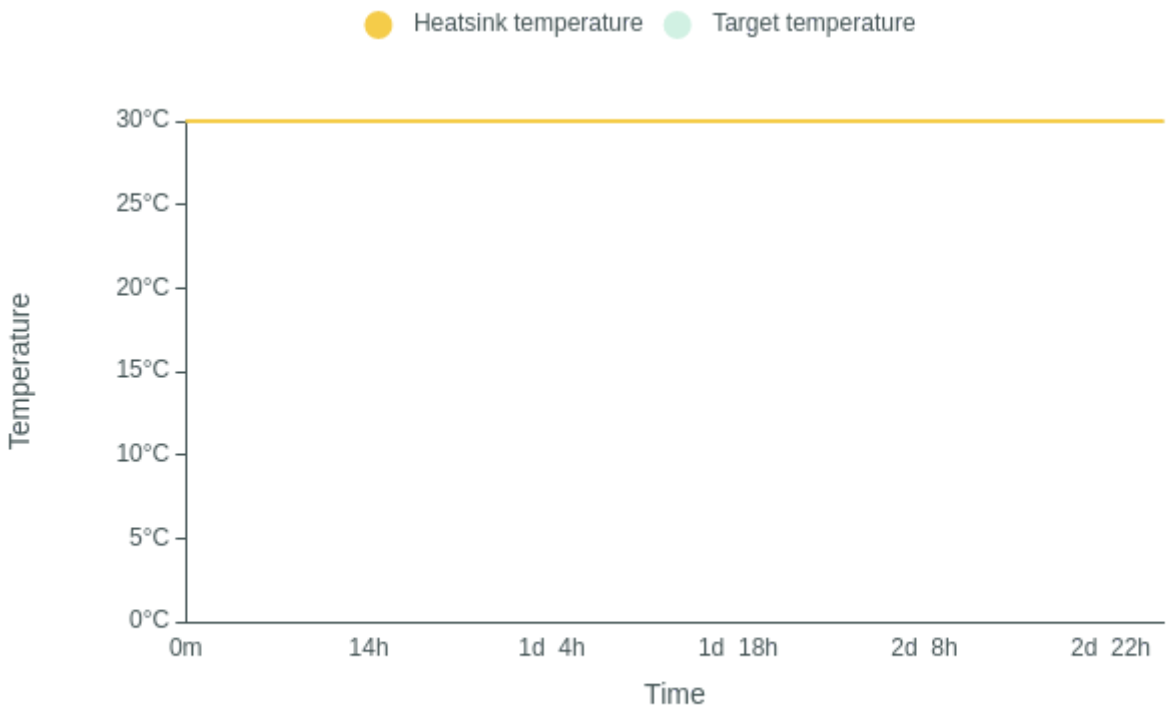
Mux Scan Grouped



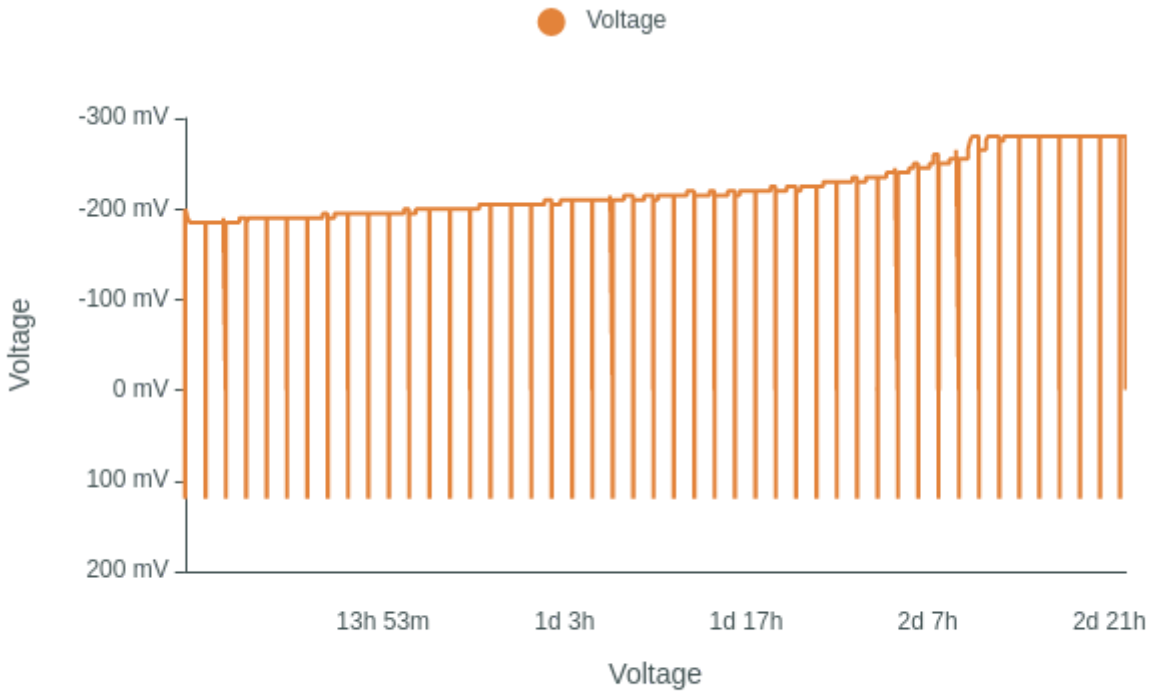
Mux Scan Categorised



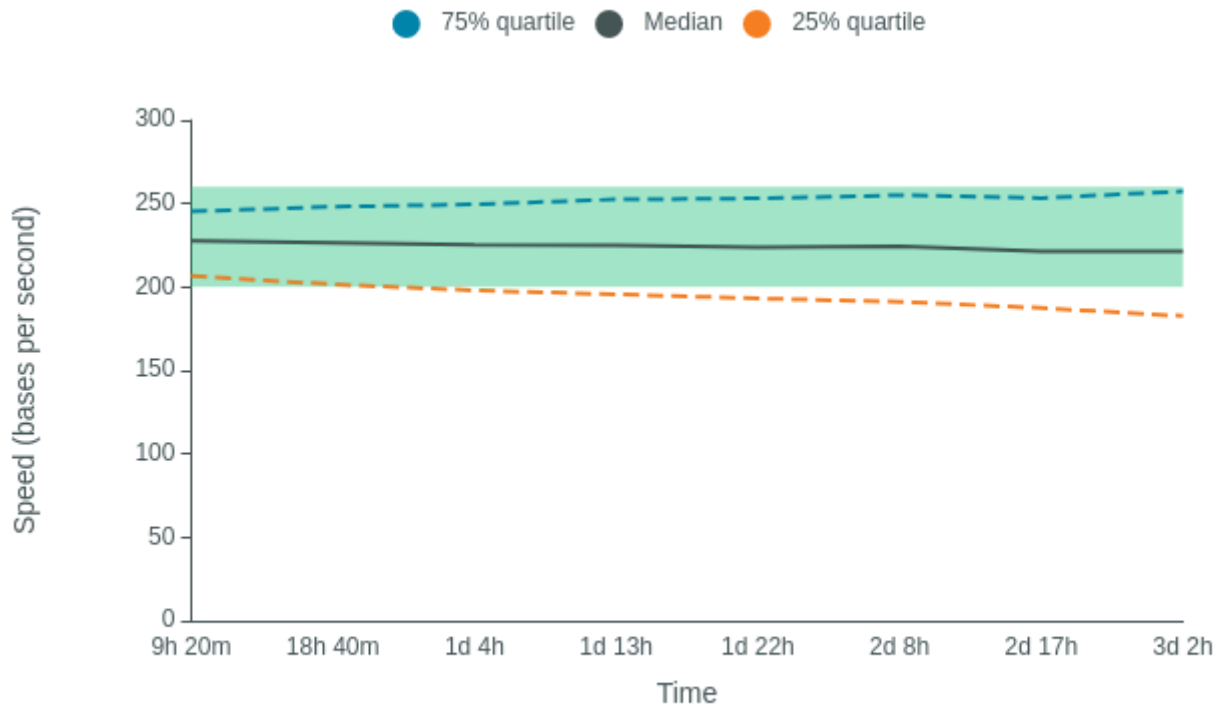
Temperature History



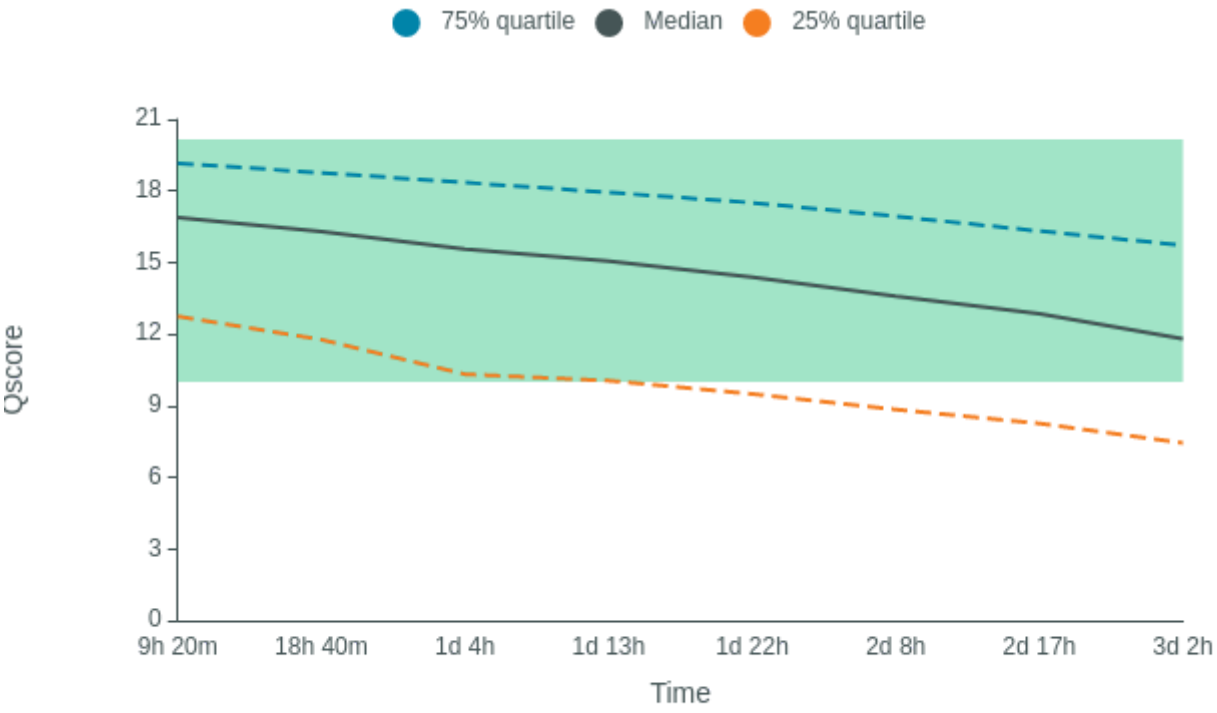
Bias Voltage History



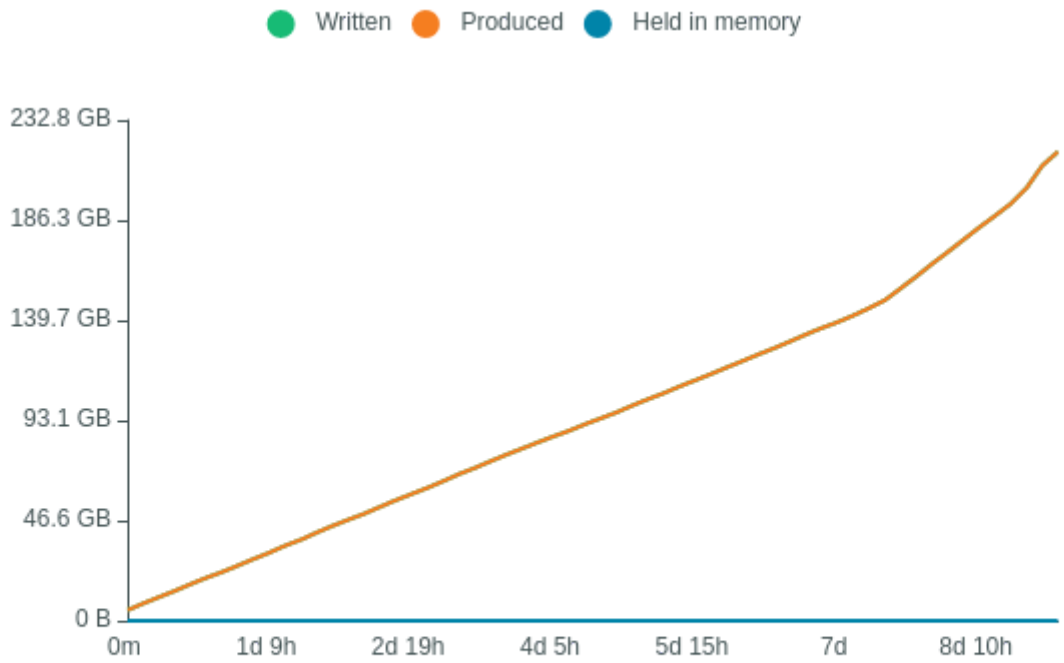
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue April 4, 11:38
- Mux scan for flow cell FAT09344 has found a total of 178 pores. 153 pores available for immediate sequencing April 4, 11:12
- Performing Mux Scan April 4, 11:09
- Mux scan for flow cell FAT09344 has found a total of 169 pores. 152 pores available for immediate sequencing April 4, 09:39
- Performing Mux Scan April 4, 09:37
- Mux scan for flow cell FAT09344 has found a total of 201 pores. 172 pores available for immediate sequencing April 4, 08:07
- Performing Mux Scan April 4, 08:04
- Mux scan for flow cell FAT09344 has found a total of 208 pores. 176 pores available for immediate sequencing April 4, 06:34
- Performing Mux Scan April 4, 06:32
- Mux scan for flow cell FAT09344 has found a total of 205 pores. 170 pores available for immediate sequencing April 4, 05:02
- Performing Mux Scan April 4, 05:00
- Mux scan for flow cell FAT09344 has found a total of 229 pores. 193 pores available for immediate sequencing April 4, 03:29
- Performing Mux Scan April 4, 03:27
- Mux scan for flow cell FAT09344 has found a total of 256 pores. 214 pores available for immediate sequencing April 4, 01:57
- Performing Mux Scan April 4, 01:55
- Mux scan for flow cell FAT09344 has found a total of 287 pores. 230 pores available for immediate sequencing April 4, 00:25
- Performing Mux Scan April 4, 00:22
- Mux scan for flow cell FAT09344 has found a total of 282 pores. 218 pores available for immediate sequencing April 3, 22:52
- Performing Mux Scan April 3, 22:50
- Mux scan for flow cell FAT09344 has found a total of 338 pores. 242 pores available for immediate sequencing April 3, 21:18
- Performing Mux Scan April 3, 21:16
- Mux scan for flow cell FAT09344 has found a total of 349 pores. 250 pores available for immediate sequencing April 3, 19:45
- Performing Mux Scan April 3, 19:43
- Mux scan for flow cell FAT09344 has found a total of 365 pores. 265 pores available for immediate sequencing April 3, 18:11
- Performing Mux Scan April 3, 18:09
- Mux scan for flow cell FAT09344 has found a total of 389 pores. 268 pores available for immediate sequencing April 3, 16:38
- Performing Mux Scan April 3, 16:36
- Mux scan for flow cell FAT09344 has found a total of 385 pores. 257 pores available for immediate sequencing April 3, 15:05
- Performing Mux Scan April 3, 15:02
- Mux scan for flow cell FAT09344 has found a total of 409 pores. 267 pores available for immediate sequencing April 3, 13:31
- Performing Mux Scan April 3, 13:29
- Mux scan for flow cell FAT09344 has found a total of 437 pores. 279 pores available for immediate sequencing April 3, 11:58
- Performing Mux Scan April 3, 11:55
- Mux scan for flow cell FAT09344 has found a total of 417 pores. 243 pores available for

immediate sequencing April 3, 10:24

- Performing Mux Scan April 3, 10:22
- Mux scan for flow cell FAT09344 has found a total of 467 pores. 276 pores available for immediate sequencing April 3, 08:51
- Performing Mux Scan April 3, 08:48
- Mux scan for flow cell FAT09344 has found a total of 522 pores. 304 pores available for immediate sequencing April 3, 07:17
- Performing Mux Scan April 3, 07:15
- Mux scan for flow cell FAT09344 has found a total of 492 pores. 277 pores available for immediate sequencing April 3, 05:44
- Performing Mux Scan April 3, 05:41
- Mux scan for flow cell FAT09344 has found a total of 516 pores. 297 pores available for immediate sequencing April 3, 04:10
- Performing Mux Scan April 3, 04:08
- Mux scan for flow cell FAT09344 has found a total of 524 pores. 304 pores available for immediate sequencing April 3, 02:37
- Performing Mux Scan April 3, 02:34
- Mux scan for flow cell FAT09344 has found a total of 587 pores. 336 pores available for immediate sequencing April 3, 01:03
- Performing Mux Scan April 3, 01:01
- Mux scan for flow cell FAT09344 has found a total of 573 pores. 326 pores available for immediate sequencing April 2, 23:30
- Performing Mux Scan April 2, 23:27
- Mux scan for flow cell FAT09344 has found a total of 625 pores. 356 pores available for immediate sequencing April 2, 21:56
- Performing Mux Scan April 2, 21:54
- Mux scan for flow cell FAT09344 has found a total of 659 pores. 363 pores available for immediate sequencing April 2, 20:23
- Performing Mux Scan April 2, 20:20
- Mux scan for flow cell FAT09344 has found a total of 676 pores. 366 pores available for immediate sequencing April 2, 18:49
- Performing Mux Scan April 2, 18:47
- Mux scan for flow cell FAT09344 has found a total of 740 pores. 394 pores available for immediate sequencing April 2, 17:16
- Performing Mux Scan April 2, 17:14
- Mux scan for flow cell FAT09344 has found a total of 720 pores. 376 pores available for immediate sequencing April 2, 15:42
- Performing Mux Scan April 2, 15:40
- Mux scan for flow cell FAT09344 has found a total of 784 pores. 414 pores available for immediate sequencing April 2, 14:09
- Performing Mux Scan April 2, 14:07
- Mux scan for flow cell FAT09344 has found a total of 836 pores. 424 pores available for immediate sequencing April 2, 12:35
- Performing Mux Scan April 2, 12:33
- Mux scan for flow cell FAT09344 has found a total of 881 pores. 438 pores available for immediate sequencing April 2, 11:02
- Performing Mux Scan April 2, 11:00
- Mux scan for flow cell FAT09344 has found a total of 876 pores. 428 pores available for immediate sequencing April 2, 09:29
- Performing Mux Scan April 2, 09:26
- Mux scan for flow cell FAT09344 has found a total of 899 pores. 438 pores available for immediate sequencing April 2, 07:55

- Performing Mux Scan April 2, 07:53
- Mux scan for flow cell FAT09344 has found a total of 951 pores. 444 pores available for immediate sequencing April 2, 06:22
- Performing Mux Scan April 2, 06:19
- Mux scan for flow cell FAT09344 has found a total of 921 pores. 438 pores available for immediate sequencing April 2, 04:48
- Performing Mux Scan April 2, 04:46
- Mux scan for flow cell FAT09344 has found a total of 976 pores. 454 pores available for immediate sequencing April 2, 03:15
- Performing Mux Scan April 2, 03:12
- Mux scan for flow cell FAT09344 has found a total of 992 pores. 451 pores available for immediate sequencing April 2, 01:41
- Performing Mux Scan April 2, 01:39
- Mux scan for flow cell FAT09344 has found a total of 1045 pores. 467 pores available for immediate sequencing April 2, 00:08
- Performing Mux Scan April 2, 00:05
- Mux scan for flow cell FAT09344 has found a total of 1040 pores. 467 pores available for immediate sequencing April 1, 22:34
- Performing Mux Scan April 1, 22:32
- Mux scan for flow cell FAT09344 has found a total of 1072 pores. 471 pores available for immediate sequencing April 1, 21:01
- Performing Mux Scan April 1, 20:58
- Mux scan for flow cell FAT09344 has found a total of 1106 pores. 475 pores available for immediate sequencing April 1, 19:27
- Performing Mux Scan April 1, 19:25
- Mux scan for flow cell FAT09344 has found a total of 1144 pores. 480 pores available for immediate sequencing April 1, 17:54
- Performing Mux Scan April 1, 17:51
- Mux scan for flow cell FAT09344 has found a total of 1161 pores. 485 pores available for immediate sequencing April 1, 16:20
- Performing Mux Scan April 1, 16:18
- Mux scan for flow cell FAT09344 has found a total of 1153 pores. 492 pores available for immediate sequencing April 1, 14:47
- Performing Mux Scan April 1, 14:45
- Mux scan for flow cell FAT09344 has found a total of 1152 pores. 490 pores available for immediate sequencing April 1, 13:13
- Performing Mux Scan April 1, 13:11
- Mux scan for flow cell FAT09344 has found a total of 1103 pores. 479 pores available for immediate sequencing April 1, 11:40
- Performing Mux Scan April 1, 11:38
- Starting sequencing procedure April 1, 11:38
- Waiting up to 300 seconds for temperature to stabilise at 30.0°C April 1, 11:33