

Compressing old json and log files to save space...

Autotune disk usage:

9.7M

Overall disk used/avail:

Filesystem	Size	Used	Avail	Capacity	used	ifree	%used
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Mounted on	/dev/disk1s1	234Gi	187Gi	34Gi	85%	2115882 2447009478	0%
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System/Volumes/Data
Grabbing NIGHTSCOUT treatments.json and entries/sgv.json for date range...

Query: <https://mysite.herokuapp.com/entries/sgv.json>

find%5Bdate%5D%5B%24gte%5D=1590912000000&find%5Bdate%5D%5B%24lte%5D=1590998400000&count=1500

-rw-r--r-- 1 sethgagnon staff 81634 Jun 2 13:04 ns-

entries.2020-05-31.json

Query: <https://mysite.herokuapp.com/treatments.json>

find%5Bcreated_at%5D%5B%24gte%5D=2020-05-30T06:00-04:00&find%5Bcreated_at%5D%5B%24lte%5D=2020-06-01T18:00-04:00

-rw-r--r-- 1 sethgagnon staff 141019 Jun 2 13:04 ns-

treatments.2020-05-31.json

oref0-autotune-prep ns-treatments.2020-05-31.json profile.json ns-

entries.2020-05-31.json profile.pump.json > autotune.2020-05-31.json

0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.4 IOB: 0.2 at 04:22:39 dev: 1.36
avgDev: 4.86 avgDelta: 3.50 basal 117 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.2 at 04:27:40 dev: -2.77
avgDev: 3.48 avgDelta: 2.25 ISF 113 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.1 IOB: 0.1 at 04:32:39 dev: 2.07
avgDev: 0.82 avgDelta: -0.25 basal 114 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: 0.0 at 04:37:39 dev: -15.06
avgDev: -3.81 avgDelta: -4.75 basal 98 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: -0.1 at 04:42:39 dev:
-11.25 avgDev: -7.00 avgDelta: -7.75 basal 86 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: -0.2 at 04:47:39 dev: -2.42
avgDev: -6.92 avgDelta: -7.50 basal 83 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.4 IOB: -0.3 at 04:52:39 dev: -2.64
avgDev: -8.14 avgDelta: -8.50 basal 80 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.3 at 04:57:39 dev: 19.16
avgDev: 0.41 avgDelta: 0.25 basal 99 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.3 at 05:02:40 dev: 10.97
avgDev: 5.97 avgDelta: 6.00 basal 110 0

start unannounced meal absorption

0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: 0.0 at 05:07:39 dev: -2.00
avgDev: 6.25 avgDelta: 6.25 uam 108 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.0 IOB: 0.0 at 05:12:40 dev: -5.97
avgDev: 5.53 avgDelta: 5.50 uam 102 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.1 at 05:17:39 dev: 3.00
avgDev: 1.50 avgDelta: 1.50 uam 105 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.1 at 05:22:39 dev: -1.03
avgDev: -1.53 avgDelta: -1.50 uam 104 0

end unannounced meal absorption

0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:27:39 dev: -2.07
avgDev: -1.57 avgDelta: -1.50 basal 102 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:32:39 dev: 5.93
avgDev: 1.43 avgDelta: 1.50 basal 108 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:37:39 dev: 6.90
avgDev: 2.40 avgDelta: 2.50 basal 115 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:42:39 dev: 1.90
avgDev: 3.15 avgDelta: 3.25 basal 117 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:47:39 dev: 0.87
avgDev: 3.87 avgDelta: 4.00 basal 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:52:39 dev: -0.13
avgDev: 2.37 avgDelta: 2.50 basal 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 05:57:39 dev: -0.13
avgDev: 0.62 avgDelta: 0.75 basal 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 06:02:39 dev: -0.13
avgDev: 0.12 avgDelta: 0.25 basal 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.1 at 06:07:39 dev: 1.87
avgDev: 0.37 avgDelta: 0.50 basal 120 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.0 at 06:12:39 dev: 2.87
avgDev: 1.12 avgDelta: 1.25 basal 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.0 at 06:17:39 dev: -1.13
avgDev: 0.87 avgDelta: 1.00 basal 122 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: 0.1 at 06:22:40 dev: -3.10
avgDev: 0.15 avgDelta: 0.25 basal 119 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: 0.1 at 06:27:39 dev: 3.97
avgDev: 0.72 avgDelta: 0.75 basal 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: 0.2 at 06:32:39 dev: 2.06
avgDev: 0.56 avgDelta: 0.50 basal 125 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: 0.3 at 06:37:39 dev: 2.16
avgDev: 1.41 avgDelta: 1.25 basal 127 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: 0.3 at 06:42:39 dev: 2.29
avgDev: 2.79 avgDelta: 2.50 basal 129 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: 0.3 at 06:47:40 dev: 1.45
avgDev: 2.20 avgDelta: 1.75 basal 130 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: 0.4 at 06:52:39 dev: -2.42
avgDev: 1.08 avgDelta: 0.50 basal 127 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.7 IOB: 0.4 at 06:57:39 dev: 1.68
avgDev: 0.93 avgDelta: 0.25 basal 128 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.3 at 07:02:39 dev: 1.75
avgDev: 0.75 avgDelta: 0.00 basal 129 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.3 at 07:07:40 dev: 3.78
avgDev: 1.28 avgDelta: 0.50 basal 132 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.3 at 07:12:40 dev: -4.16
avgDev: 0.84 avgDelta: 0.00 basal 127 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.3 at 07:17:40 dev: -7.16
avgDev: -1.41 avgDelta: -2.25 basal 119 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.2 at 07:22:39 dev: -11.19
avgDev: -4.69 avgDelta: -5.50 basal 107 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.1 at 07:27:39 dev: -1.25
avgDev: -6.00 avgDelta: -6.75 basal 105 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.7 IOB: -0.0 at 07:32:39 dev: 2.65
avgDev: -4.35 avgDelta: -5.00 basal 107 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.1 at 07:37:39 dev:
-11.48 avgDev: -5.48 avgDelta: -6.00 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.4 IOB: -0.2 at 07:42:40 dev: -9.64
avgDev: -5.14 avgDelta: -5.50 basal 85 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.3 at 07:47:39 dev: 4.16
avgDev: -3.84 avgDelta: -4.00 basal 89 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.4 at 07:52:40 dev: 0.93
avgDev: -4.32 avgDelta: -4.25 basal 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.5 at 07:57:40 dev: -3.29
avgDev: -2.29 avgDelta: -2.00 basal 87 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.5 at 08:02:40 dev: -4.52
avgDev: -1.02 avgDelta: -0.50 basal 83 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.7 at 08:07:40 dev: -5.75
avgDev: -3.50 avgDelta: -2.75 basal 78 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.7 at 08:12:40 dev: -9.01
avgDev: -6.01 avgDelta: -5.00 basal 70 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.8 at 08:17:40 dev: -2.23
avgDev: -5.73 avgDelta: -4.50 basal 69 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.5 IOB: -0.9 at 08:22:40 dev: 0.50
avgDev: -4.50 avgDelta: -3.00 basal 71 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.8 IOB: -1.0 at 08:27:40 dev: 0.21
avgDev: -3.04 avgDelta: -1.25 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.0 IOB: -1.1 at 08:32:40 dev: -0.05
avgDev: -0.80 avgDelta: 1.25 basal 75 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -1.2 at 08:37:39 dev: 4.69
avgDev: 0.94 avgDelta: 3.25 basal 82 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.6 IOB: -1.2 at 08:42:39 dev: -0.57
avgDev: 0.68 avgDelta: 3.25 basal 84 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.8 IOB: -1.2 at 08:47:40 dev: -1.83
avgDev: 0.17 avgDelta: 3.00 basal 85 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.0 IOB: -1.2 at 08:52:39 dev: 5.98
avgDev: 1.73 avgDelta: 4.75 basal 94 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.2 IOB: -1.2 at 08:57:39 dev: 11.81
avgDev: 3.56 avgDelta: 6.75 basal 109 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.3 IOB: -1.2 at 09:02:39 dev: 8.68
avgDev: 5.93 avgDelta: 9.25 basal 121 0
start unannounced meal absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.4 IOB: -1.2 at 09:07:40 dev: 13.59
avgDev: 9.84 avgDelta: 13.25 uam 138 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.1 IOB: -0.2 at 09:12:40 dev: -0.09
avgDev: 8.66 avgDelta: 11.75 uam 141 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.7 IOB: -0.2 at 09:17:40 dev: -3.67
avgDev: 5.08 avgDelta: 7.75 uam 140 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: 0.1 at 09:22:39 dev: -5.21
avgDev: 1.79 avgDelta: 4.00 uam 137 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.8 IOB: 0.2 at 09:27:40 dev: -9.76
avgDev: -4.01 avgDelta: -2.25 uam 129 0
end unannounced meal absorption

0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.4 IOB: 0.2 at 09:32:40 dev: -0.36
avgDev: -4.11 avgDelta: -2.75 basal 130 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: 0.2 at 09:37:39 dev: 5.93
avgDev: -1.82 avgDelta: -0.75 basal 137 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: 0.2 at 09:42:40 dev: 1.15
avgDev: -0.35 avgDelta: 0.50 basal 139 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: 0.2 at 09:47:39 dev: 1.38
avgDev: 2.38 avgDelta: 3.00 basal 141 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: 0.2 at 09:52:39 dev: -4.42
avgDev: 1.33 avgDelta: 1.75 basal 137 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: 0.1 at 09:57:40 dev: -13.29
avgDev: -3.54 avgDelta: -3.25 basal 124 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: 0.1 at 10:02:40 dev: -11.20
avgDev: -6.70 avgDelta: -6.50 basal 113 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: -0.1 at 10:07:39 dev: -9.20
avgDev: -9.45 avgDelta: -9.25 basal 104 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: -0.2 at 10:12:39 dev: -3.23
avgDev: -9.23 avgDelta: -9.00 basal 101 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.3 at 10:17:40 dev: -2.33
avgDev: -6.58 avgDelta: -6.25 basal 99 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.4 at 10:22:40 dev: -4.45
avgDev: -4.95 avgDelta: -4.50 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.7 IOB: -0.5 at 10:27:40 dev: -6.65
avgDev: -4.40 avgDelta: -3.75 basal 89 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.6 at 10:32:39 dev: -6.81
avgDev: -5.31 avgDelta: -4.50 basal 83 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.7 at 10:37:39 dev: -5.04
avgDev: -6.04 avgDelta: -5.00 basal 79 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.3 IOB: -0.8 at 10:42:40 dev: -1.27
avgDev: -5.27 avgDelta: -4.00 basal 79 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.5 IOB: -0.9 at 10:47:40 dev: 0.50
avgDev: -3.50 avgDelta: -2.00 basal 81 0
CRInitialIOB: -0.835 CRInitialBG: 81 CRInitialCarbTime:
2020-05-31T14:52:40.000Z
start carb absorption
0 mealCOB: 18.8 mealCarbs: 20 BGI: 1.7 IOB: -0.8 at 10:52:40 dev:
-1.69 avgDev: -2.19 avgDelta: -0.50 csf 81 20
0 mealCOB: 17.6 mealCarbs: 20 BGI: 1.6 IOB: 0.2 at 10:57:40 dev:
-13.63 avgDev: -4.13 avgDelta: -2.50 csf 69 0
0 mealCOB: 16.4 mealCarbs: 20 BGI: 1.3 IOB: 0.1 at 11:02:40 dev: 8.70
avgDev: -1.30 avgDelta: 0.00 csf 79 0
0 mealCOB: 15.2 mealCarbs: 20 BGI: 1.1 IOB: 0.1 at 11:07:40 dev: 1.93
avgDev: -0.82 avgDelta: 0.25 csf 82 0
0 mealCOB: 14.1 mealCarbs: 20 BGI: 0.8 IOB: 0.1 at 11:12:40 dev: -2.85
avgDev: -1.10 avgDelta: -0.25 csf 80 0
0 mealCOB: 12.9 mealCarbs: 20 BGI: 0.7 IOB: 0.1 at 11:17:39 dev: -1.68
avgDev: 0.00 avgDelta: 2.50 csf 79 0
0 mealCOB: 11.7 mealCarbs: 20 BGI: 0.6 IOB: 0.1 at 11:22:40 dev: 0.45
avgDev: -0.30 avgDelta: 0.25 csf 80 0
0 mealCOB: 10.5 mealCarbs: 20 BGI: 0.4 IOB: 0.1 at 11:27:40 dev: 2.58

avgDev: -0.17 avgDelta: 0.25 csf 83 0
0 mealCOB: 9.3 mealCarbs: 20 BGI: 0.3 IOB: 0.0 at 11:32:39 dev: -0.33
avgDev: 0.42 avgDelta: 0.75 csf 83 0
0 mealCOB: 8.1 mealCarbs: 20 BGI: 0.3 IOB: 0.0 at 11:37:40 dev: 2.74
avgDev: 1.49 avgDelta: 1.75 csf 86 0
0 mealCOB: 6.9 mealCarbs: 20 BGI: 0.3 IOB: -0.0 at 11:42:40 dev: 0.74
avgDev: 1.49 avgDelta: 1.75 csf 87 0
0 mealCOB: 5.7 mealCarbs: 20 BGI: 0.2 IOB: -0.0 at 11:47:40 dev: 0.80
avgDev: 1.05 avgDelta: 1.25 csf 88 0
0 mealCOB: 4.6 mealCarbs: 20 BGI: 0.2 IOB: -0.1 at 11:52:40 dev: 0.80
avgDev: 1.30 avgDelta: 1.50 csf 89 0
0 mealCOB: 3.4 mealCarbs: 20 BGI: 0.2 IOB: -0.1 at 11:57:40 dev: -3.20
avgDev: -0.20 avgDelta: 0.00 csf 86 0
0 mealCOB: 2.2 mealCarbs: 20 BGI: 0.2 IOB: -0.1 at 12:02:39 dev: -0.23
avgDev: -0.48 avgDelta: -0.25 csf 86 0
0 mealCOB: 1.0 mealCarbs: 20 BGI: 0.3 IOB: -0.1 at 12:07:40 dev: -1.29
avgDev: -1.04 avgDelta: -0.75 csf 85 0
CREndIOB: -0.188 CREndBG: 83 CREndTime: 2020-05-31T16:12:39.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.2 at 12:12:39 dev: -2.36
avgDev: -1.86 avgDelta: -1.50 csf 83 0
CRInitialIOB: 3.317 CRInitialBG: 82 CRInitialCarbTime:
2020-05-31T16:17:40.000Z
0 mealCOB: 38.8 mealCarbs: 40 BGI: 0.0 IOB: 3.3 at 12:17:40 dev: -1.00
avgDev: -1.00 avgDelta: -1.00 csf 82 40
1 mealCOB: 37.6 mealCarbs: 40 BGI: -1.7 IOB: 3.3 at 12:22:40 dev: 0.69
avgDev: 0.44 avgDelta: -1.25 csf 81 0
1 mealCOB: 36.4 mealCarbs: 40 BGI: -3.1 IOB: 3.1 at 12:27:40 dev: 2.09
avgDev: 1.84 avgDelta: -1.25 csf 80 0
0 mealCOB: 35.2 mealCarbs: 40 BGI: -4.2 IOB: 3.0 at 12:32:39 dev: 1.19
avgDev: 0.00 avgDelta: -1.50 csf 77 0
0 mealCOB: 34.1 mealCarbs: 40 BGI: -5.0 IOB: 2.8 at 12:37:40 dev: 5.01
avgDev: 0.00 avgDelta: -1.25 csf 77 0
1 mealCOB: 32.9 mealCarbs: 40 BGI: -5.6 IOB: 2.6 at 12:42:39 dev:
14.59 avgDev: 6.84 avgDelta: 1.25 csf 86 0
1 mealCOB: 31.4 mealCarbs: 40 BGI: -6.0 IOB: 2.5 at 12:47:40 dev:
16.04 avgDev: 10.04 avgDelta: 4.00 csf 96 0
1 mealCOB: 29.3 mealCarbs: 40 BGI: -6.3 IOB: 2.4 at 12:52:40 dev:
17.34 avgDev: 13.84 avgDelta: 7.50 csf 107 0
1 mealCOB: 26.9 mealCarbs: 40 BGI: -6.6 IOB: 2.3 at 12:57:40 dev:
16.56 avgDev: 16.56 avgDelta: 10.00 csf 117 0
1 mealCOB: 24.5 mealCarbs: 40 BGI: -7.0 IOB: 2.8 at 13:02:40 dev:
12.99 avgDev: 16.24 avgDelta: 9.25 csf 123 0
1 mealCOB: 21.9 mealCarbs: 40 BGI: -7.6 IOB: 3.3 at 13:07:40 dev:
20.57 avgDev: 17.57 avgDelta: 10.00 csf 136 0
1 mealCOB: 19.1 mealCarbs: 40 BGI: -8.1 IOB: 3.2 at 13:12:40 dev:
20.09 avgDev: 18.34 avgDelta: 10.25 csf 148 0
1 mealCOB: 16.5 mealCarbs: 40 BGI: -8.5 IOB: 3.2 at 13:17:40 dev:
14.51 avgDev: 17.76 avgDelta: 9.25 csf 154 0
1 mealCOB: 13.9 mealCarbs: 40 BGI: -8.8 IOB: 3.1 at 13:22:40 dev:
12.81 avgDev: 17.56 avgDelta: 8.75 csf 158 0

1 mealCOB: 11.4 mealCarbs: 40 BGI: -9.0 IOB: 2.8 at 13:32:39 dev: 18.03 avgDev: 16.78 avgDelta: 7.75 csf 167 0
1 mealCOB: 9.4 mealCarbs: 40 BGI: -9.0 IOB: 2.7 at 13:37:40 dev: 8.03 avgDev: 13.53 avgDelta: 4.50 csf 166 0
1 mealCOB: 7.9 mealCarbs: 40 BGI: -8.9 IOB: 2.5 at 13:42:40 dev: 0.94 avgDev: 9.94 avgDelta: 1.00 csf 158 0
1 mealCOB: 6.6 mealCarbs: 40 BGI: -8.8 IOB: 2.3 at 13:47:39 dev: 9.77 avgDev: 9.02 avgDelta: 0.25 csf 159 0
1 mealCOB: 5.4 mealCarbs: 40 BGI: -8.6 IOB: 2.2 at 13:52:39 dev: 3.55 avgDev: 5.30 avgDelta: -3.25 csf 154 0
1 mealCOB: 4.2 mealCarbs: 40 BGI: -8.3 IOB: 2.0 at 13:57:39 dev: 8.26 avgDev: 5.26 avgDelta: -3.00 csf 154 0
1 mealCOB: 3.0 mealCarbs: 40 BGI: -7.9 IOB: 1.8 at 14:02:39 dev: 3.93 avgDev: 5.93 avgDelta: -2.00 csf 150 0
1 mealCOB: 1.8 mealCarbs: 40 BGI: -7.6 IOB: 1.7 at 14:07:39 dev: 4.57 avgDev: 4.57 avgDelta: -3.00 csf 147 0
1 mealCOB: 0.6 mealCarbs: 40 BGI: -7.2 IOB: 1.5 at 14:12:39 dev: 11.21 avgDev: 6.46 avgDelta: -0.75 csf 151 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -6.8 IOB: 1.4 at 14:17:39 dev: 7.79 avgDev: 6.29 avgDelta: -0.50 csf 152 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -6.4 IOB: 1.3 at 14:22:40 dev: 5.43 avgDev: 6.68 avgDelta: 0.25 csf 151 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -6.1 IOB: 1.2 at 14:27:40 dev: 7.08 avgDev: 7.33 avgDelta: 1.25 csf 152 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -5.8 IOB: 1.1 at 14:32:40 dev: 4.75 avgDev: 5.75 avgDelta: 0.00 csf 151 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -5.4 IOB: 1.0 at 14:37:40 dev: 6.39 avgDev: 5.39 avgDelta: 0.00 csf 152 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -5.1 IOB: 1.0 at 14:42:40 dev: 9.07 avgDev: 6.32 avgDelta: 1.25 csf 156 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -4.8 IOB: 0.9 at 14:47:40 dev: 11.78 avgDev: 7.53 avgDelta: 2.75 csf 163 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -4.5 IOB: 0.9 at 14:52:40 dev: 4.52 avgDev: 7.52 avgDelta: 3.00 csf 163 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -4.3 IOB: 0.9 at 14:57:40 dev: 3.29 avgDev: 6.79 avgDelta: 2.50 csf 162 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -4.1 IOB: 0.8 at 15:02:40 dev: 1.06 avgDev: 4.81 avgDelta: 0.75 csf 159 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.9 IOB: 0.8 at 15:07:40 dev: 0.87 avgDev: 2.12 avgDelta: -1.75 csf 156 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.6 IOB: 0.7 at 15:12:39 dev: 5.57 avgDev: 2.32 avgDelta: -1.25 csf 158 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.4 IOB: 0.7 at 15:17:39 dev: 9.38 avgDev: 3.88 avgDelta: 0.50 csf 164 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.3 IOB: 0.8 at 15:22:40 dev: 7.32 avgDev: 5.57 avgDelta: 2.25 csf 168 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.3 IOB: 0.8 at 15:27:40 dev: 7.25 avgDev: 7.25 avgDelta: 4.00 csf 172 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.2 IOB: 0.9 at 15:32:39 dev: 2.18 avgDev: 6.43 avgDelta: 3.25 csf 171 0

1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.1 IOB: 0.9 at 15:37:40 dev: 1.15
avgDev: 4.40 avgDelta: 1.25 csf 169 0
1 mealCOB: 0.0 mealCarbs: 40 BGI: -3.1 IOB: 0.8 at 15:42:40 dev: -3.91
avgDev: 1.59 avgDelta: -1.50 csf 162 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.7 at 15:47:40 dev: -6.01
avgDev: -1.76 avgDelta: -4.75 csf 153 0
0 mealCOB: 10.8 mealCarbs: 12 BGI: -3.1 IOB: 1.9 at 15:52:40 dev:
-13.88 avgDev: -5.63 avgDelta: -8.75 csf 136 12
0 mealCOB: 9.6 mealCarbs: 12 BGI: -3.6 IOB: 1.7 at 15:57:39 dev:
-10.43 avgDev: -8.18 avgDelta: -11.75 csf 122 0
0 mealCOB: 8.4 mealCarbs: 12 BGI: -3.9 IOB: 1.6 at 16:02:39 dev: -3.13
avgDev: -7.88 avgDelta: -11.75 csf 115 0
0 mealCOB: 7.2 mealCarbs: 12 BGI: -4.0 IOB: 1.4 at 16:07:40 dev: -4.00
avgDev: -7.50 avgDelta: -11.50 csf 107 0
0 mealCOB: 6.1 mealCarbs: 12 BGI: -4.1 IOB: 1.3 at 16:12:39 dev: 3.06
avgDev: -3.44 avgDelta: -7.50 csf 106 0
0 mealCOB: 4.9 mealCarbs: 12 BGI: -4.1 IOB: 1.1 at 16:17:40 dev: 2.06
avgDev: -0.44 avgDelta: -4.50 csf 104 0
1 mealCOB: 3.7 mealCarbs: 12 BGI: -3.9 IOB: 1.0 at 16:22:40 dev: 6.93
avgDev: 1.93 avgDelta: -2.00 csf 107 0
1 mealCOB: 2.5 mealCarbs: 12 BGI: -3.8 IOB: 0.8 at 16:27:40 dev: -1.23
avgDev: 2.52 avgDelta: -1.25 csf 102 0
1 mealCOB: 1.3 mealCarbs: 12 BGI: -3.5 IOB: 0.6 at 16:32:40 dev: -3.46
avgDev: 0.79 avgDelta: -2.75 csf 95 0
0 mealCOB: 0.1 mealCarbs: 12 BGI: -3.3 IOB: 0.5 at 16:37:40 dev: 0.25
avgDev: 0.25 avgDelta: -3.00 csf 92 0
CREndIOB: 0.34 CREndBG: 87 CREndTime: 2020-05-31T20:42:40.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.3 at 16:42:40 dev: -2.04
avgDev: -2.04 avgDelta: -5.00 csf 87 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.2 at 16:47:40 dev: 2.60
avgDev: -1.15 avgDelta: -3.75 ISF 87 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.3 IOB: 0.1 at 16:52:40 dev: 3.31
avgDev: 0.56 avgDelta: -1.75 ISF 88 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.0 IOB: 0.1 at 16:57:40 dev: 5.98
avgDev: 1.98 avgDelta: 0.00 ISF 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: 0.0 at 17:02:40 dev: 5.69
avgDev: 3.94 avgDelta: 2.25 basal 96 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.5 IOB: 0.0 at 17:07:40 dev: 6.46
avgDev: 4.96 avgDelta: 3.50 basal 101 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.0 at 17:12:40 dev: 6.23
avgDev: 5.73 avgDelta: 4.50 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.0 IOB: -0.0 at 17:17:40 dev: 1.04
avgDev: 4.54 avgDelta: 3.50 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: -0.0 at 17:22:40 dev: -0.12
avgDev: 3.13 avgDelta: 2.25 basal 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.7 IOB: -0.0 at 17:27:40 dev: -0.28
avgDev: 1.47 avgDelta: 0.75 basal 104 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: -0.1 at 17:32:40 dev: -3.42
avgDev: -0.92 avgDelta: -1.50 basal 100 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.1 at 17:37:40 dev: -4.55
avgDev: -2.30 avgDelta: -2.75 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: -0.2 at 17:42:40 dev: -4.68
avgDev: -3.43 avgDelta: -3.75 basal 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: -0.3 at 17:47:40 dev:
-11.87 avgDev: -6.37 avgDelta: -6.50 basal 78 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.4 at 17:52:40 dev: -6.10
avgDev: -7.10 avgDelta: -7.00 basal 72 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.5 at 17:57:40 dev: -4.33
avgDev: -7.08 avgDelta: -6.75 basal 68 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.6 at 18:02:40 dev: -3.59
avgDev: -6.84 avgDelta: -6.25 basal 65 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.7 at 18:07:40 dev: -2.85
avgDev: -4.60 avgDelta: -3.75 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.8 at 18:12:40 dev: -3.11
avgDev: -3.86 avgDelta: -2.75 basal 61 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.4 IOB: -0.9 at 18:17:40 dev: -4.40
avgDev: -3.90 avgDelta: -2.50 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.7 IOB: -1.0 at 18:22:40 dev: -3.69
avgDev: -3.94 avgDelta: -2.25 basal 56 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.0 IOB: -1.1 at 18:27:40 dev: -5.98
avgDev: -4.73 avgDelta: -2.75 basal 52 0
CRInitialIOB: -1.179 CRInitialBG: 56 CRInitialCarbTime:
2020-05-31T22:32:40.000Z
start carb absorption
0 mealCOB: 13.8 mealCarbs: 15 BGI: 2.2 IOB: -1.2 at 18:32:40 dev: 1.76
avgDev: -3.49 avgDelta: -1.25 csf 56 15
0 mealCOB: 12.6 mealCarbs: 15 BGI: 2.5 IOB: -1.2 at 18:37:40 dev: 6.46
avgDev: -0.79 avgDelta: 1.75 csf 65 0
0 mealCOB: 11.4 mealCarbs: 15 BGI: 2.8 IOB: -1.2 at 18:42:40 dev: 6.24
avgDev: 0.00 avgDelta: 4.50 csf 74 0
0 mealCOB: 10.2 mealCarbs: 15 BGI: 2.9 IOB: -1.2 at 18:47:40 dev:
10.07 avgDev: 5.82 avgDelta: 8.75 csf 87 0
0 mealCOB: 8.9 mealCarbs: 15 BGI: 3.1 IOB: -1.1 at 18:52:40 dev: 13.94
avgDev: 8.94 avgDelta: 12.00 csf 104 0
0 mealCOB: 7.2 mealCarbs: 15 BGI: 2.8 IOB: -0.4 at 18:57:40 dev: 16.20
avgDev: 11.70 avgDelta: 14.50 csf 123 0
0 mealCOB: 5.6 mealCarbs: 15 BGI: 2.2 IOB: 0.2 at 19:02:40 dev: 0.76
avgDev: 10.76 avgDelta: 13.00 csf 126 0
1 mealCOB: 4.2 mealCarbs: 15 BGI: 1.5 IOB: 1.7 at 19:07:40 dev: 3.50
avgDev: 9.50 avgDelta: 11.00 csf 131 0
1 mealCOB: 2.8 mealCarbs: 15 BGI: 0.4 IOB: 1.6 at 19:12:40 dev: 10.58
avgDev: 9.08 avgDelta: 9.50 csf 142 0
1 mealCOB: 1.6 mealCarbs: 15 BGI: -0.5 IOB: 1.6 at 19:17:40 dev: 12.45
avgDev: 8.20 avgDelta: 7.75 csf 154 0
1 mealCOB: 0.1 mealCarbs: 15 BGI: -1.2 IOB: 1.6 at 19:22:40 dev: 9.20
avgDev: 10.20 avgDelta: 9.00 csf 162 0
1 mealCOB: 0.0 mealCarbs: 15 BGI: -1.8 IOB: 1.6 at 19:27:39 dev: -0.18
avgDev: 9.07 avgDelta: 7.25 csf 160 0
1 mealCOB: 0.0 mealCarbs: 15 BGI: -2.3 IOB: 1.7 at 19:32:39 dev: -7.69

avgDev: 4.31 avgDelta: 2.00 csf 150 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.8 IOB: 1.6 at 19:37:40 dev: -7.20
avgDev: -0.70 avgDelta: -3.50 csf 140 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 1.4 at 19:42:40 dev: -5.88
avgDev: -4.63 avgDelta: -7.75 ISF 131 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.3 IOB: 1.3 at 19:47:40 dev: -11.68
avgDev: -7.68 avgDelta: -11.00 ISF 116 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.4 IOB: 1.1 at 19:52:40 dev: -7.59
avgDev: -7.84 avgDelta: -11.25 ISF 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.4 IOB: 1.0 at 19:57:40 dev: -2.62
avgDev: -6.87 avgDelta: -10.25 ISF 99 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.3 IOB: 0.8 at 20:02:40 dev: 0.28
avgDev: -5.47 avgDelta: -8.75 ISF 96 0
CREndIOB: 0.607 CREndBG: 92 CREndTime: 2020-06-01T00:07:40.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.6 at 20:07:40 dev: -0.88
avgDev: -2.88 avgDelta: -6.00 ISF 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.9 IOB: 0.5 at 20:12:40 dev: 0.89
avgDev: -0.86 avgDelta: -3.75 ISF 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.3 at 20:17:40 dev: 2.63
avgDev: 0.38 avgDelta: -2.25 ISF 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.3 IOB: 0.2 at 20:22:40 dev: 1.34
avgDev: 0.59 avgDelta: -1.75 ISF 89 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.0 IOB: 0.0 at 20:27:40 dev: 1.01
avgDev: 1.01 avgDelta: -1.00 ISF 88 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: 0.0 at 20:32:40 dev: -0.31
avgDev: 0.69 avgDelta: -1.00 basal 86 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.4 IOB: -0.1 at 20:37:40 dev: -8.60
avgDev: -2.10 avgDelta: -3.50 basal 76 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.1 IOB: -0.3 at 20:42:40 dev: -5.93
avgDev: -3.93 avgDelta: -5.00 basal 69 0
CRInitialIOB: -0.389 CRInitialBG: 64 CRInitialCarbTime:
2020-06-01T00:47:40.000Z
start carb absorption
0 mealCOB: 47.8 mealCarbs: 49 BGI: -0.8 IOB: -0.4 at 20:47:40 dev:
-4.25 avgDev: -5.25 avgDelta: -6.00 csf 64 49
0 mealCOB: 46.6 mealCarbs: 49 BGI: -0.4 IOB: -0.5 at 20:52:40 dev:
0.39 avgDev: -5.11 avgDelta: -5.50 csf 64 0
0 mealCOB: 45.4 mealCarbs: 49 BGI: -0.1 IOB: -0.5 at 20:57:40 dev:
3.06 avgDev: -2.19 avgDelta: -2.25 csf 67 0
0 mealCOB: 44.2 mealCarbs: 49 BGI: 0.2 IOB: -0.5 at 21:02:41 dev: 1.80
avgDev: -0.20 avgDelta: 0.00 csf 69 0
0 mealCOB: 43.1 mealCarbs: 49 BGI: 0.4 IOB: -0.5 at 21:07:41 dev: 1.58
avgDev: 0.00 avgDelta: 1.75 csf 71 0
0 mealCOB: 41.9 mealCarbs: 49 BGI: 0.6 IOB: -0.5 at 21:12:41 dev: 1.38
avgDev: 0.00 avgDelta: 2.25 csf 73 0
0 mealCOB: 40.7 mealCarbs: 49 BGI: 0.8 IOB: -0.5 at 21:17:41 dev: 1.25
avgDev: 0.00 avgDelta: 2.00 csf 75 0
0 mealCOB: 39.5 mealCarbs: 49 BGI: 0.9 IOB: -0.5 at 21:22:41 dev:
-1.88 avgDev: 0.00 avgDelta: 1.25 csf 74 0

0 mealCOB: 38.3 mealCarbs: 49 BGI: 1.0 IOB: -0.4 at 21:27:41 dev: 1.02
avgDev: 0.00 avgDelta: 1.25 csf 76 0
1 mealCOB: 37.1 mealCarbs: 49 BGI: -0.9 IOB: 3.4 at 21:32:41 dev: 5.94
avgDev: 2.94 avgDelta: 2.00 csf 81 0
0 mealCOB: 35.9 mealCarbs: 49 BGI: -2.5 IOB: 3.3 at 21:37:41 dev: 0.53
avgDev: 0.00 avgDelta: 1.00 csf 79 0
1 mealCOB: 34.7 mealCarbs: 49 BGI: -3.8 IOB: 3.3 at 21:42:41 dev: 6.83
avgDev: 5.83 avgDelta: 2.00 csf 82 0
1 mealCOB: 33.6 mealCarbs: 49 BGI: -4.9 IOB: 3.2 at 21:47:41 dev:
10.91 avgDev: 7.91 avgDelta: 3.00 csf 88 0
1 mealCOB: 31.8 mealCarbs: 49 BGI: -5.8 IOB: 3.1 at 21:52:41 dev:
23.78 avgDev: 12.03 avgDelta: 6.25 csf 106 0
1 mealCOB: 29.2 mealCarbs: 49 BGI: -6.7 IOB: 3.4 at 21:57:41 dev:
21.66 avgDev: 17.16 avgDelta: 10.50 csf 121 0
1 mealCOB: 26.3 mealCarbs: 49 BGI: -7.6 IOB: 4.0 at 22:02:41 dev:
16.60 avgDev: 19.60 avgDelta: 12.00 csf 130 0
1 mealCOB: 23.2 mealCarbs: 49 BGI: -8.5 IOB: 4.0 at 22:07:41 dev:
15.51 avgDev: 20.76 avgDelta: 12.25 csf 137 0
1 mealCOB: 20.6 mealCarbs: 49 BGI: -9.3 IOB: 4.0 at 22:12:41 dev:
12.29 avgDev: 17.79 avgDelta: 8.50 csf 140 0
1 mealCOB: 17.9 mealCarbs: 49 BGI: -9.9 IOB: 4.0 at 22:17:41 dev:
23.91 avgDev: 18.16 avgDelta: 8.25 csf 154 0
1 mealCOB: 14.9 mealCarbs: 49 BGI: -10.5 IOB: 4.1 at 22:22:41 dev:
25.46 avgDev: 20.21 avgDelta: 9.75 csf 169 0
1 mealCOB: 11.6 mealCarbs: 49 BGI: -10.9 IOB: 3.9 at 22:27:41 dev:
22.89 avgDev: 21.89 avgDelta: 11.00 csf 181 0
1 mealCOB: 8.1 mealCarbs: 49 BGI: -11.2 IOB: 3.8 at 22:32:41 dev:
20.18 avgDev: 23.68 avgDelta: 12.50 csf 190 0
1 mealCOB: 4.9 mealCarbs: 49 BGI: -11.3 IOB: 3.5 at 22:37:41 dev:
16.28 avgDev: 21.53 avgDelta: 10.25 csf 195 0
1 mealCOB: 2.1 mealCarbs: 49 BGI: -11.2 IOB: 3.3 at 22:42:41 dev:
16.24 avgDev: 18.99 avgDelta: 7.75 csf 200 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -11.2 IOB: 3.1 at 22:47:41 dev:
14.15 avgDev: 16.65 avgDelta: 5.50 csf 203 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -10.9 IOB: 2.9 at 22:52:41 dev:
12.95 avgDev: 14.70 avgDelta: 3.75 csf 205 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -10.7 IOB: 2.7 at 22:57:41 dev:
11.66 avgDev: 13.41 avgDelta: 2.75 csf 206 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -10.3 IOB: 2.5 at 23:02:41 dev:
11.30 avgDev: 12.05 avgDelta: 1.75 csf 207 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -9.9 IOB: 2.3 at 23:07:41 dev: 8.91
avgDev: 10.66 avgDelta: 0.75 csf 206 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -9.5 IOB: 2.1 at 23:12:41 dev: 9.49
avgDev: 9.74 avgDelta: 0.25 csf 206 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -9.0 IOB: 2.0 at 23:17:41 dev: 6.03
avgDev: 8.28 avgDelta: -0.75 csf 203 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -8.6 IOB: 1.8 at 23:22:41 dev: 4.58
avgDev: 6.58 avgDelta: -2.00 csf 199 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -8.2 IOB: 1.7 at 23:27:41 dev: -2.84
avgDev: 3.66 avgDelta: -4.50 csf 188 0

1 mealCOB: 0.0 mealCarbs: 49 BGI: -7.7 IOB: 1.5 at 23:32:41 dev: 6.70
avgDev: 2.95 avgDelta: -4.75 csf 187 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -7.2 IOB: 1.4 at 23:37:41 dev: 7.21
avgDev: 3.21 avgDelta: -4.00 csf 187 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -6.8 IOB: 1.3 at 23:42:41 dev: 4.79
avgDev: 3.29 avgDelta: -3.50 csf 185 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -6.4 IOB: 1.2 at 23:47:41 dev: 5.40
avgDev: 5.40 avgDelta: -1.00 csf 184 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -6.0 IOB: 1.1 at 23:52:41 dev: 7.01
avgDev: 5.51 avgDelta: -0.50 csf 185 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.7 IOB: 1.1 at 23:57:41 dev: 7.65
avgDev: 5.65 avgDelta: 0.00 csf 187 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.4 IOB: 1.1 at 00:02:41 dev: 7.36
avgDev: 6.36 avgDelta: 1.00 csf 189 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.1 at 00:07:41 dev: 7.14
avgDev: 6.89 avgDelta: 1.75 csf 191 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.0 IOB: 1.2 at 00:12:41 dev: 6.01
avgDev: 6.76 avgDelta: 1.75 csf 192 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.9 IOB: 1.3 at 00:17:41 dev: 4.91
avgDev: 6.16 avgDelta: 1.25 csf 192 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.9 IOB: 1.4 at 00:22:41 dev: 8.87
avgDev: 6.62 avgDelta: 1.75 csf 196 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.9 IOB: 1.5 at 00:27:41 dev: 7.91
avgDev: 6.91 avgDelta: 2.00 csf 199 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.0 IOB: 1.6 at 00:32:41 dev: 5.01
avgDev: 6.76 avgDelta: 1.75 csf 199 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.6 at 00:37:41 dev: 2.07
avgDev: 6.07 avgDelta: 1.00 csf 196 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.6 at 00:42:41 dev: 4.10
avgDev: 4.85 avgDelta: -0.25 csf 195 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.5 at 00:47:41 dev: 4.14
avgDev: 3.89 avgDelta: -1.25 csf 194 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.5 at 00:52:41 dev: 4.14
avgDev: 3.64 avgDelta: -1.50 csf 193 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.1 IOB: 1.5 at 00:57:41 dev: 4.10
avgDev: 4.10 avgDelta: -1.00 csf 192 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.0 IOB: 1.4 at 01:02:41 dev: 3.04
avgDev: 3.79 avgDelta: -1.25 csf 190 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -5.0 IOB: 1.3 at 01:07:41 dev: 5.97
avgDev: 4.22 avgDelta: -0.75 csf 191 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.9 IOB: 1.3 at 01:12:41 dev: -3.13
avgDev: 2.37 avgDelta: -2.50 csf 183 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.7 IOB: 1.2 at 01:17:42 dev: -2.26
avgDev: 0.74 avgDelta: -4.00 csf 176 0
1 mealCOB: 0.0 mealCarbs: 49 BGI: -4.5 IOB: 1.0 at 01:22:41 dev: 1.55
avgDev: 0.30 avgDelta: -4.25 csf 173 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -4.3 IOB: 0.9 at 01:27:42 dev: 3.32
avgDev: -0.43 avgDelta: -4.75 csf 172 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -4.1 IOB: 0.9 at 01:32:42 dev: 4.09

avgDev: 1.34 avgDelta: -2.75 ISF 172 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.9 IOB: 0.8 at 01:37:41 dev: 2.93
avgDev: 2.68 avgDelta: -1.25 ISF 171 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.8 IOB: 0.8 at 01:42:41 dev: 2.77
avgDev: 3.02 avgDelta: -0.75 ISF 170 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.6 IOB: 0.8 at 01:47:41 dev: 4.61
avgDev: 3.36 avgDelta: -0.25 ISF 171 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.5 IOB: 0.9 at 01:52:41 dev: 3.51
avgDev: 3.26 avgDelta: -0.25 ISF 171 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.5 IOB: 0.9 at 01:57:42 dev: 3.48
avgDev: 3.48 avgDelta: 0.00 ISF 171 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.4 IOB: 1.0 at 02:02:41 dev: -0.56
avgDev: 2.69 avgDelta: -0.75 ISF 167 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.4 IOB: 0.9 at 02:07:41 dev: -0.59
avgDev: 1.41 avgDelta: -2.00 ISF 163 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.3 IOB: 0.8 at 02:12:42 dev: 1.32
avgDev: 0.82 avgDelta: -2.50 ISF 161 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.7 at 02:17:41 dev: 2.15
avgDev: 0.40 avgDelta: -2.75 ISF 160 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.7 at 02:22:41 dev: 2.02
avgDev: 1.02 avgDelta: -2.00 ISF 159 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.9 IOB: 0.7 at 02:27:41 dev: 2.92
avgDev: 1.92 avgDelta: -1.00 ISF 159 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.8 IOB: 0.6 at 02:32:41 dev: 1.80
avgDev: 2.05 avgDelta: -0.75 ISF 158 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.7 IOB: 0.6 at 02:37:42 dev: 2.70
avgDev: 2.20 avgDelta: -0.50 ISF 158 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.6 at 02:42:42 dev: 1.60
avgDev: 2.10 avgDelta: -0.50 ISF 157 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.7 at 02:47:41 dev: 1.53
avgDev: 1.78 avgDelta: -0.75 ISF 156 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.7 at 02:52:41 dev: 1.50
avgDev: 1.75 avgDelta: -0.75 ISF 155 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.7 at 02:57:41 dev: 4.47
avgDev: 2.22 avgDelta: -0.25 ISF 157 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.7 at 03:02:42 dev: 4.47
avgDev: 2.97 avgDelta: 0.50 ISF 159 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.8 at 03:07:41 dev: 2.50
avgDev: 3.25 avgDelta: 0.75 ISF 159 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.8 at 03:12:41 dev: 2.53
avgDev: 3.53 avgDelta: 1.00 ISF 159 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.8 at 03:17:41 dev: 1.57
avgDev: 2.82 avgDelta: 0.25 ISF 158 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.8 at 03:22:41 dev: 2.57
avgDev: 2.32 avgDelta: -0.25 ISF 158 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.8 at 03:27:41 dev: 2.57
avgDev: 2.32 avgDelta: -0.25 ISF 158 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.8 at 03:32:41 dev: 1.60
avgDev: 2.10 avgDelta: -0.50 ISF 157 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.8 at 03:37:41 dev: 1.60

avgDev: 2.10 avgDelta: -0.50 ISF 156 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.7 at 03:42:41 dev: -0.43
avgDev: 1.32 avgDelta: -1.25 ISF 153 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.6 at 03:47:42 dev: 0.50
avgDev: 0.75 avgDelta: -1.75 ISF 151 0
CPEndIOB: 0.55 CPEndBG: 150 CPEndTime: 2020-06-01T07:52:41.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.4 IOB: 0.6 at 03:52:41 dev: 1.41
avgDev: 0.66 avgDelta: -1.75 ISF 150 0
Found at least 1h of carb absorption: assuming all meals were
announced, and categorizing UAM data as basal.
oref0-autotune-core autotune.2020-05-31.json profile.json
profile.pump.json > newprofile.2020-05-31.json
CRTotalCarbs: 116 CRTotalInsulin: 14.353 totalCR: 8.082
Hour 0 total deviations: 0 mg/dL
Hour 0 basal adjustment needed: 0 U/hr
Hour 1 total deviations: 0 mg/dL
Hour 1 basal adjustment needed: 0 U/hr
Hour 2 total deviations: 0 mg/dL
Hour 2 basal adjustment needed: 0 U/hr
Hour 3 total deviations: 0 mg/dL
Hour 3 basal adjustment needed: 0 U/hr
Hour 4 total deviations: -19.78 mg/dL
Hour 4 basal adjustment needed: -0.06 U/hr
Hour 5 total deviations: 29.99 mg/dL
Hour 5 basal adjustment needed: 0.09 U/hr
Hour 6 total deviations: 12.32 mg/dL
Hour 6 basal adjustment needed: 0.04 U/hr
Hour 7 total deviations: -34.65 mg/dL
Hour 7 basal adjustment needed: -0.11 U/hr
Hour 8 total deviations: -17.52 mg/dL
Hour 8 basal adjustment needed: -0.05 U/hr
Hour 9 total deviations: 21.18 mg/dL
Hour 9 basal adjustment needed: 0.07 U/hr
Hour 10 total deviations: -61.43 mg/dL
Hour 10 basal adjustment needed: -0.19 U/hr
Hour 11 total deviations: 0 mg/dL
Hour 11 basal adjustment needed: 0 U/hr
Hour 12 total deviations: 0 mg/dL
Hour 12 basal adjustment needed: 0 U/hr
Hour 13 total deviations: 0 mg/dL
Hour 13 basal adjustment needed: 0 U/hr
Hour 14 total deviations: 0 mg/dL
Hour 14 basal adjustment needed: 0 U/hr
Hour 15 total deviations: 0 mg/dL
Hour 15 basal adjustment needed: 0 U/hr
Hour 16 total deviations: 0 mg/dL
Hour 16 basal adjustment needed: 0 U/hr
Hour 17 total deviations: -3.43 mg/dL
Hour 17 basal adjustment needed: -0.01 U/hr
Hour 18 total deviations: -27.87 mg/dL

Hour 18 basal adjustment needed: -0.09 U/hr
Hour 19 total deviations: 0 mg/dL
Hour 19 basal adjustment needed: 0 U/hr
Hour 20 total deviations: -5.34 mg/dL
Hour 20 basal adjustment needed: -0.02 U/hr
Hour 21 total deviations: 0 mg/dL
Hour 21 basal adjustment needed: 0 U/hr
Hour 22 total deviations: 0 mg/dL
Hour 22 basal adjustment needed: 0 U/hr
Hour 23 total deviations: 0 mg/dL
Hour 23 basal adjustment needed: 0 U/hr
Adjusting hour 0 basal from 1.05 to 1.048 based on hour 0 = 1.048 and hour 1 = 1.03
Adjusting hour 10 basal from 1.35 to 1.323 based on hour 9 = 1.337 and hour 14 = 1.097
Adjusting hour 11 basal from 1.25 to 1.243 based on hour 9 = 1.337 and hour 14 = 1.097
Adjusting hour 12 basal from 1.25 to 1.243 based on hour 9 = 1.337 and hour 14 = 1.097
Adjusting hour 13 basal from 1.25 to 1.243 based on hour 9 = 1.337 and hour 14 = 1.097
Adjusting hour 20 basal from 1.3 to 1.299 based on hour 19 = 1.343 and hour 23 = 1.25
Adjusting hour 21 basal from 1.3 to 1.299 based on hour 19 = 1.343 and hour 23 = 1.25
Adjusting hour 22 basal from 1.25 to 1.259 based on hour 19 = 1.343 and hour 23 = 1.25
Adjusting hour 23 basal from 1.25 to 1.259 based on hour 19 = 1.343 and hour 23 = 1.259

```
[
  { start: '00:00:00', minutes: 0, rate: 1.048, i: 0, untuned: 1 },
  { start: '01:00:00', minutes: 60, rate: 1.03, i: 1 },
  { start: '02:00:00', minutes: 120, rate: 1.06, i: 2 },
  { start: '03:00:00', minutes: 180, rate: 1.073, i: 3 },
  { start: '04:00:00', minutes: 240, rate: 0.91, i: 4 },
  { start: '05:00:00', minutes: 300, rate: 0.964, i: 5 },
  { start: '06:00:00', minutes: 360, rate: 1.165, i: 6 },
  { start: '07:00:00', minutes: 420, rate: 1.34, i: 7 },
  { start: '08:00:00', minutes: 480, rate: 1.359, i: 8 },
  { start: '09:00:00', minutes: 540, rate: 1.337, i: 9 },
  { start: '10:00:00', minutes: 600, rate: 1.323, i: 10, untuned: 1 },
  { start: '11:00:00', minutes: 660, rate: 1.243, i: 11, untuned: 1 },
  { start: '12:00:00', minutes: 720, rate: 1.243, i: 12, untuned: 1 },
  { start: '13:00:00', minutes: 780, rate: 1.243, i: 13, untuned: 1 },
  { start: '14:00:00', minutes: 840, rate: 1.097, i: 14 },
  { start: '15:00:00', minutes: 900, rate: 1.069, i: 15 },
  { start: '16:00:00', minutes: 960, rate: 1.069, i: 16 },
  { start: '17:00:00', minutes: 1020, rate: 1.261, i: 17 },
  { start: '18:00:00', minutes: 1080, rate: 1.343, i: 18 },
  { start: '19:00:00', minutes: 1140, rate: 1.343, i: 19 },
```

```

    { start: '20:00:00', minutes: 1200, rate: 1.299, i: 20, untuned:
1 },
    { start: '21:00:00', minutes: 1260, rate: 1.299, i: 21, untuned:
1 },
    { start: '22:00:00', minutes: 1320, rate: 1.259, i: 22, untuned:
1 },
    { start: '23:00:00', minutes: 1380, rate: 1.259, i: 23, untuned: 1 }
]

```

totalMealCarbs: 104 totalDeviations: 838.09 oldCSF 6.736 fullNewCSF: 8.06 newCSF: 7.001

oldCR: 9.65 fullNewCR: 8.082 newCR: 9.336

Limiting adjusted ISF of 21.45 to 54.17 (which is pump ISF of 65 / 1.2)

p50deviation: 1.85 p50BGI -2.615 p50ratios: 0.33 Old ISF: 65

fullNewISF: 21.45 adjustedISF: 54.167 newISF: 62.833 newDIA: 6

newPeak: 55

Autotune pump profile recommendations:

Recommendations Log File: /Users/sethgagnon/myopenaps/autotune/autotune_recommendations.log

Parameter	Pump	Autotune	Days Missing
ISF [mg/dL/U]	65.000	62.833	
Carb Ratio[g/U]	9.650	9.336	
00:00	1.050	1.048	1
01:00	1.050	1.030	0
02:00	1.050	1.060	0
03:00	1.050	1.073	0
04:00	0.900	0.910	0
05:00	1.000	0.964	0
06:00	1.200	1.165	0
07:00	1.400	1.340	0
08:00	1.400	1.359	0
09:00	1.400	1.337	0
10:00	1.350	1.323	1
11:00	1.250	1.243	1
12:00	1.250	1.243	1
13:00	1.250	1.243	1
14:00	1.100	1.097	0
15:00	1.100	1.069	0
16:00	1.100	1.069	0
17:00	1.300	1.261	0
18:00	1.350	1.343	0
19:00	1.350	1.343	0
20:00	1.300	1.299	1
21:00	1.300	1.299	1
22:00	1.250	1.259	1
23:00	1.250	1.259	1

Query: https://mysite.herokuapp.com entries/sgv.json
find%5Bdate%5D%5B%24gte%5D=1590998400000&find%5Bdate%5D%5B%24lte%5D=1591084800000&count=1500

-rw-r--r-- 1 sethgagnon staff 81446 Jun 2 13:04 ns-entries.2020-06-01.json

Query: https://mysite.herokuapp.com treatments.json
find%5Bcreated_at%5D%5B%24gte%5D=2020-05-31T06:00-04:00&find%5Bcreated_at%5D%5B%24lte%5D=2020-06-02T18:00-04:00

-rw-r--r-- 1 sethgagnon staff 108030 Jun 2 13:04 ns-treatments.2020-06-01.json

oref0-autotune-prep ns-treatments.2020-06-01.json profile.json ns-entries.2020-06-01.json profile.pump.json > autotune.2020-06-01.json

0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.2 IOB: 0.7 at 04:22:42 dev: 0.23
avgDev: 1.48 avgDelta: -0.75 ISF 151 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.2 IOB: 0.7 at 04:27:41 dev: -1.80
avgDev: 0.20 avgDelta: -2.00 ISF 147 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.2 IOB: 0.6 at 04:32:41 dev: 0.20
avgDev: -0.05 avgDelta: -2.25 ISF 145 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.1 IOB: 0.6 at 04:37:41 dev: -0.86
avgDev: -0.61 avgDelta: -2.75 ISF 142 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.1 IOB: 0.5 at 04:42:41 dev: 1.07
avgDev: -0.43 avgDelta: -2.50 ISF 141 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.0 IOB: 0.5 at 04:47:41 dev: 1.98
avgDev: 0.48 avgDelta: -1.50 ISF 141 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.9 IOB: 0.5 at 04:52:41 dev: 0.92
avgDev: 0.67 avgDelta: -1.25 ISF 140 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.9 IOB: 0.5 at 04:57:41 dev: 1.85
avgDev: 1.35 avgDelta: -0.50 ISF 140 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.8 IOB: 0.5 at 05:02:41 dev: -0.18
avgDev: 1.07 avgDelta: -0.75 ISF 138 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.8 IOB: 0.4 at 05:07:41 dev: -0.24
avgDev: 0.51 avgDelta: -1.25 ISF 136 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: 0.4 at 05:12:42 dev: -1.30
avgDev: -0.05 avgDelta: -1.75 ISF 133 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.6 IOB: 0.3 at 05:17:42 dev: -1.40
avgDev: -0.90 avgDelta: -2.50 ISF 130 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.5 IOB: 0.3 at 05:22:41 dev: 2.54
avgDev: -0.21 avgDelta: -1.75 ISF 131 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.4 IOB: 0.2 at 05:27:41 dev: 5.38
avgDev: 1.13 avgDelta: -0.25 ISF 135 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.3 IOB: 0.2 at 05:32:41 dev: 1.29
avgDev: 1.79 avgDelta: 0.50 ISF 135 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.2 at 05:37:41 dev: 1.19
avgDev: 2.44 avgDelta: 1.25 basal 135 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.3 at 05:42:41 dev: 0.19
avgDev: 1.94 avgDelta: 0.75 basal 134 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 05:47:41 dev: -0.81
avgDev: 0.44 avgDelta: -0.75 basal 132 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 05:52:42 dev: -1.81
avgDev: -0.31 avgDelta: -1.50 basal 129 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 05:57:42 dev: -2.77
avgDev: -1.27 avgDelta: -2.50 basal 125 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 06:02:42 dev: -2.81
avgDev: -2.06 avgDelta: -3.25 basal 121 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.3 at 06:07:42 dev: 3.19
avgDev: -1.06 avgDelta: -2.25 basal 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.3 at 06:12:42 dev: 6.16
avgDev: 0.91 avgDelta: -0.25 basal 128 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 06:17:42 dev: 3.16
avgDev: 2.41 avgDelta: 1.25 basal 130 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.4 at 06:22:41 dev: -0.81
avgDev: 2.94 avgDelta: 1.75 basal 128 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.3 at 06:27:41 dev: -0.84
avgDev: 1.91 avgDelta: 0.75 basal 126 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.1 IOB: 0.2 at 06:32:42 dev: -0.90
avgDev: 0.10 avgDelta: -1.00 basal 124 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.0 IOB: 0.2 at 06:37:42 dev: 2.04
avgDev: -0.21 avgDelta: -1.25 basal 125 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: 0.3 at 06:47:41 dev: -1.06
avgDev: -0.31 avgDelta: -1.25 basal 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: 0.2 at 06:52:41 dev: -3.06
avgDev: -0.81 avgDelta: -1.75 basal 119 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: 0.2 at 06:57:41 dev: -4.12
avgDev: -1.62 avgDelta: -2.50 basal 114 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.1 at 07:02:41 dev: -5.21
avgDev: -3.46 avgDelta: -4.25 basal 108 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.7 IOB: -0.1 at 07:07:41 dev: -8.34
avgDev: -5.34 avgDelta: -6.00 basal 99 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.2 at 07:12:42 dev: -8.53
avgDev: -6.78 avgDelta: -7.25 basal 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: -0.3 at 07:17:42 dev: -9.72
avgDev: -8.22 avgDelta: -8.50 basal 80 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: -0.4 at 07:22:41 dev: -8.94
avgDev: -9.19 avgDelta: -9.25 basal 71 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: -0.5 at 07:27:41 dev: -7.19
avgDev: -8.94 avgDelta: -8.75 basal 64 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.7 at 07:32:41 dev: -2.47
avgDev: -7.47 avgDelta: -7.00 basal 62 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.8 at 07:37:41 dev: -1.75
avgDev: -5.50 avgDelta: -4.75 basal 61 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.8 at 07:42:41 dev: -1.04
avgDev: -3.54 avgDelta: -2.50 basal 61 0
CRInitialIOB: -0.922 CRInitialBG: 63 CRInitialCarbTime:
2020-06-01T11:47:41.000Z
start carb absorption
0 mealCOB: 33.8 mealCarbs: 35 BGI: 1.3 IOB: -0.9 at 07:47:41 dev: 0.68
avgDev: -1.57 avgDelta: -0.25 csf 63 35
0 mealCOB: 32.6 mealCarbs: 35 BGI: 1.6 IOB: -0.9 at 07:52:42 dev: 1.43
avgDev: -0.57 avgDelta: 1.00 csf 66 0
0 mealCOB: 31.4 mealCarbs: 35 BGI: 1.8 IOB: -0.9 at 07:57:41 dev: 1.24

avgDev: 0.00 avgDelta: 2.00 csf 69 0
0 mealCOB: 30.2 mealCarbs: 35 BGI: 1.5 IOB: 2.9 at 08:02:41 dev: -0.51
avgDev: 0.00 avgDelta: 2.25 csf 70 0
0 mealCOB: 29.1 mealCarbs: 35 BGI: -0.2 IOB: 2.9 at 08:07:41 dev: 4.22
avgDev: 0.00 avgDelta: 2.75 csf 74 0
1 mealCOB: 27.9 mealCarbs: 35 BGI: -1.6 IOB: 2.9 at 08:12:42 dev:
12.63 avgDev: 6.38 avgDelta: 4.75 csf 85 0
1 mealCOB: 26.3 mealCarbs: 35 BGI: -2.8 IOB: 2.9 at 08:17:41 dev:
16.83 avgDev: 10.33 avgDelta: 7.50 csf 99 0
1 mealCOB: 24.7 mealCarbs: 35 BGI: -3.8 IOB: 2.8 at 08:22:41 dev: 4.80
avgDev: 11.30 avgDelta: 7.50 csf 100 0
1 mealCOB: 23.0 mealCarbs: 35 BGI: -4.6 IOB: 2.7 at 08:27:41 dev: 4.59
avgDev: 11.09 avgDelta: 6.50 csf 100 0
1 mealCOB: 21.5 mealCarbs: 35 BGI: -5.2 IOB: 2.6 at 08:32:41 dev: 9.18
avgDev: 9.93 avgDelta: 4.75 csf 104 0
1 mealCOB: 20.2 mealCarbs: 35 BGI: -5.6 IOB: 2.5 at 08:37:42 dev:
14.62 avgDev: 9.12 avgDelta: 3.50 csf 113 0
1 mealCOB: 18.9 mealCarbs: 35 BGI: -5.9 IOB: 2.4 at 08:42:42 dev: 2.94
avgDev: 8.44 avgDelta: 2.50 csf 110 0
1 mealCOB: 17.7 mealCarbs: 35 BGI: -6.2 IOB: 2.4 at 08:47:41 dev: 2.22
avgDev: 7.72 avgDelta: 1.50 csf 106 0
1 mealCOB: 16.5 mealCarbs: 35 BGI: -6.3 IOB: 2.1 at 08:52:41 dev: 4.35
avgDev: 6.35 avgDelta: 0.00 csf 104 0
1 mealCOB: 15.4 mealCarbs: 35 BGI: -6.4 IOB: 2.0 at 08:57:41 dev: 1.38
avgDev: 2.88 avgDelta: -3.50 csf 99 0
1 mealCOB: 14.2 mealCarbs: 35 BGI: -6.3 IOB: 1.9 at 09:02:41 dev: 2.35
avgDev: 2.60 avgDelta: -3.75 csf 95 0
1 mealCOB: 13.0 mealCarbs: 35 BGI: -6.3 IOB: 1.8 at 09:07:41 dev: 2.25
avgDev: 2.50 avgDelta: -3.75 csf 91 0
1 mealCOB: 11.8 mealCarbs: 35 BGI: -6.1 IOB: 1.7 at 09:12:42 dev: 3.13
avgDev: 2.13 avgDelta: -4.00 csf 88 0
1 mealCOB: 10.6 mealCarbs: 35 BGI: -6.0 IOB: 1.6 at 09:17:41 dev: 4.97
avgDev: 2.97 avgDelta: -3.00 csf 87 0
1 mealCOB: 9.4 mealCarbs: 35 BGI: -5.8 IOB: 1.5 at 09:22:41 dev: 4.81
avgDev: 3.56 avgDelta: -2.25 csf 86 0
1 mealCOB: 8.2 mealCarbs: 35 BGI: -5.6 IOB: 1.4 at 09:27:41 dev: 2.62
avgDev: 3.62 avgDelta: -2.00 csf 83 0
0 mealCOB: 7.0 mealCarbs: 35 BGI: -5.4 IOB: 1.3 at 09:32:41 dev: 1.40
avgDev: 0.00 avgDelta: -2.25 csf 79 0
0 mealCOB: 5.8 mealCarbs: 35 BGI: -5.2 IOB: 1.1 at 09:37:41 dev: -0.85
avgDev: 0.00 avgDelta: -3.50 csf 73 0
0 mealCOB: 4.7 mealCarbs: 35 BGI: -4.8 IOB: 0.9 at 09:42:41 dev: -1.16
avgDev: 0.00 avgDelta: -4.75 csf 67 0
0 mealCOB: 3.5 mealCarbs: 35 BGI: -4.5 IOB: 0.7 at 09:47:41 dev: 0.49
avgDev: -0.51 avgDelta: -5.00 csf 63 0
0 mealCOB: 2.3 mealCarbs: 35 BGI: -4.1 IOB: 0.6 at 09:52:41 dev: 6.12
avgDev: 0.00 avgDelta: -3.50 csf 65 0
0 mealCOB: 1.1 mealCarbs: 35 BGI: -3.7 IOB: 0.5 at 09:57:41 dev: 0.74
avgDev: 0.00 avgDelta: -2.75 csf 62 0
CREndIOB: 0.346 CREndBG: 61 CREndTime: 2020-06-01T14:02:40.000Z

0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.3 IOB: 0.3 at 10:02:40 dev: 2.33
avgDev: 0.00 avgDelta: -1.50 csf 61 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.2 at 10:07:41 dev: -1.05
avgDev: 0.00 avgDelta: -1.50 ISF 57 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.0 at 10:12:41 dev: 1.51
avgDev: 0.00 avgDelta: -2.25 ISF 56 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.1 IOB: -0.1 at 10:17:40 dev: 4.10
avgDev: 0.00 avgDelta: -1.00 ISF 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: -0.3 at 10:22:40 dev: 4.70
avgDev: 0.00 avgDelta: 0.00 basal 61 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.3 IOB: -0.4 at 10:27:40 dev: 3.26
avgDev: 0.00 avgDelta: 1.50 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: -0.4 at 10:32:41 dev: 3.88
avgDev: 0.00 avgDelta: 2.50 basal 66 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.4 at 10:37:40 dev: 4.53
avgDev: 0.00 avgDelta: 3.00 basal 70 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: -0.4 at 10:42:41 dev: 0.25
avgDev: 0.00 avgDelta: 2.25 basal 70 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.4 at 10:47:40 dev: -2.00
avgDev: 0.00 avgDelta: 1.25 basal 68 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: -0.4 at 10:52:41 dev: -4.19
avgDev: -0.69 avgDelta: -0.50 basal 64 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.6 at 10:57:41 dev: -1.41
avgDev: -2.16 avgDelta: -1.75 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.7 IOB: -0.7 at 11:02:41 dev: -2.66
avgDev: -2.91 avgDelta: -2.25 basal 61 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.9 IOB: -0.7 at 11:07:40 dev: -1.91
avgDev: -2.91 avgDelta: -2.00 basal 60 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.8 at 11:12:41 dev: -2.16
avgDev: -2.41 avgDelta: -1.25 basal 59 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.4 IOB: -0.9 at 11:17:41 dev: -2.41
avgDev: -2.66 avgDelta: -1.25 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.7 IOB: -1.0 at 11:22:41 dev: -1.67
avgDev: -2.42 avgDelta: -0.75 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.9 IOB: -1.1 at 11:27:42 dev: -1.92
avgDev: -2.42 avgDelta: -0.50 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: -1.1 at 11:32:41 dev: -1.17
avgDev: -2.17 avgDelta: 0.00 basal 59 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.4 IOB: -1.2 at 11:37:41 dev: -1.42
avgDev: -1.92 avgDelta: 0.50 basal 60 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.6 IOB: -1.1 at 11:42:41 dev: -0.61
avgDev: -1.61 avgDelta: 1.00 basal 62 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.8 IOB: -1.1 at 11:47:40 dev: -1.76
avgDev: -1.51 avgDelta: 1.25 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.9 IOB: -1.1 at 11:52:40 dev: -3.86
avgDev: -2.11 avgDelta: 0.75 basal 62 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.9 IOB: -1.0 at 11:57:41 dev: -4.92
avgDev: -2.92 avgDelta: 0.00 basal 60 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 3.0 IOB: -1.1 at 12:02:41 dev: 0.02

avgDev: -2.73 avgDelta: 0.25 basal 63 0
CRInitialIOB: 1.478 CRInitialBG: 65 CRInitialCarbTime:
2020-06-01T16:07:41.000Z
start carb absorption
0 mealCOB: 28.8 mealCarbs: 30 BGI: 2.5 IOB: 1.5 at 12:07:41 dev: -0.51
avgDev: -2.01 avgDelta: 0.50 csf 65 30
0 mealCOB: 27.6 mealCarbs: 30 BGI: 1.4 IOB: 1.5 at 12:12:42 dev: -0.35
avgDev: -0.35 avgDelta: 1.00 csf 66 0
0 mealCOB: 26.4 mealCarbs: 30 BGI: 0.4 IOB: 1.5 at 12:17:41 dev: 1.62
avgDev: 0.00 avgDelta: 2.00 csf 68 0
0 mealCOB: 25.2 mealCarbs: 30 BGI: -0.4 IOB: 1.5 at 12:22:40 dev: 1.44
avgDev: 0.00 avgDelta: 1.50 csf 69 0
0 mealCOB: 24.1 mealCarbs: 30 BGI: -1.1 IOB: 1.5 at 12:27:42 dev: 1.13
avgDev: 0.00 avgDelta: 1.00 csf 69 0
0 mealCOB: 22.9 mealCarbs: 30 BGI: -2.1 IOB: 2.2 at 12:32:42 dev: 2.07
avgDev: 0.00 avgDelta: 0.75 csf 69 0
0 mealCOB: 21.7 mealCarbs: 30 BGI: -2.9 IOB: 2.2 at 12:37:42 dev: 1.86
avgDev: 0.00 avgDelta: 0.00 csf 68 0
0 mealCOB: 20.5 mealCarbs: 30 BGI: -3.5 IOB: 2.1 at 12:42:41 dev: 9.46
avgDev: 0.00 avgDelta: 1.25 csf 74 0
1 mealCOB: 19.3 mealCarbs: 30 BGI: -3.9 IOB: 2.0 at 12:47:41 dev:
10.93 avgDev: 6.93 avgDelta: 3.00 csf 81 0
1 mealCOB: 17.9 mealCarbs: 30 BGI: -4.3 IOB: 2.0 at 12:52:40 dev:
13.30 avgDev: 9.55 avgDelta: 5.25 csf 90 0
1 mealCOB: 16.0 mealCarbs: 30 BGI: -4.6 IOB: 1.9 at 12:57:41 dev:
13.59 avgDev: 12.34 avgDelta: 7.75 csf 99 0
1 mealCOB: 14.0 mealCarbs: 30 BGI: -4.8 IOB: 1.8 at 13:02:41 dev:
16.78 avgDev: 14.03 avgDelta: 9.25 csf 111 0
1 mealCOB: 11.9 mealCarbs: 30 BGI: -4.9 IOB: 1.7 at 13:07:41 dev:
11.90 avgDev: 14.15 avgDelta: 9.25 csf 118 0
1 mealCOB: 9.9 mealCarbs: 30 BGI: -4.9 IOB: 1.6 at 13:12:41 dev: 9.93
avgDev: 13.18 avgDelta: 8.25 csf 123 0
1 mealCOB: 8.0 mealCarbs: 30 BGI: -4.9 IOB: 1.4 at 13:17:41 dev: 12.90
avgDev: 12.90 avgDelta: 8.00 csf 131 0
1 mealCOB: 6.5 mealCarbs: 30 BGI: -4.8 IOB: 1.5 at 13:22:40 dev: 5.84
avgDev: 10.09 avgDelta: 5.25 csf 132 0
1 mealCOB: 5.1 mealCarbs: 30 BGI: -4.8 IOB: 1.3 at 13:27:41 dev: 9.78
avgDev: 9.53 avgDelta: 4.75 csf 137 0
1 mealCOB: 3.5 mealCarbs: 30 BGI: -4.6 IOB: 1.2 at 13:32:40 dev: 13.62
avgDev: 10.37 avgDelta: 5.75 csf 146 0
1 mealCOB: 2.0 mealCarbs: 30 BGI: -4.4 IOB: 1.0 at 13:37:41 dev: 12.40
avgDev: 10.15 avgDelta: 5.75 csf 154 0
1 mealCOB: 0.4 mealCarbs: 30 BGI: -4.2 IOB: 0.9 at 13:42:42 dev: 9.15
avgDev: 10.90 avgDelta: 6.75 csf 159 0
1 mealCOB: 0.0 mealCarbs: 30 BGI: -3.9 IOB: 0.8 at 13:47:42 dev: 4.86
avgDev: 9.61 avgDelta: 5.75 csf 160 0
1 mealCOB: 0.0 mealCarbs: 30 BGI: -3.6 IOB: 0.6 at 13:52:42 dev: -0.39
avgDev: 6.11 avgDelta: 2.50 csf 156 0
CREndIOB: 0.541 CREndBG: 162 CREndTime: 2020-06-01T17:57:42.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.3 IOB: 0.5 at 13:57:42 dev: 9.30

avgDev: 5.30 avgDelta: 2.00 csf 162 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.4 at 14:02:42 dev: 11.05
avgDev: 5.80 avgDelta: 2.75 ISF 170 0
start unannounced meal absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.8 IOB: 0.3 at 14:07:42 dev: 6.76
avgDev: 6.26 avgDelta: 3.50 uam 174 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.3 at 14:12:42 dev: 8.48
avgDev: 8.48 avgDelta: 6.00 uam 180 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.2 IOB: 0.3 at 14:17:42 dev: 12.23
avgDev: 9.23 avgDelta: 7.00 uam 190 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.0 IOB: 0.3 at 14:22:42 dev: 2.04
avgDev: 7.04 avgDelta: 5.00 uam 190 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.9 IOB: 0.3 at 14:27:42 dev: -2.08
avgDev: 4.92 avgDelta: 3.00 uam 186 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: 0.2 at 14:32:42 dev: -7.27
avgDev: 0.98 avgDelta: -0.75 uam 177 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.5 IOB: 0.0 at 14:37:41 dev: -13.49
avgDev: -5.49 avgDelta: -7.00 uam 162 0
end unannounced meal absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.3 IOB: -0.0 at 14:42:41 dev: -8.71
avgDev: -8.21 avgDelta: -9.50 basal 152 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.0 IOB: -0.1 at 14:47:41 dev:
-11.96 avgDev: -10.71 avgDelta: -11.75 basal 139 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: -0.3 at 14:52:41 dev:
-16.25 avgDev: -13.00 avgDelta: -13.75 basal 122 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.4 at 14:57:42 dev:
-10.50 avgDev: -12.25 avgDelta: -12.75 basal 111 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.4 at 15:02:41 dev:
-10.78 avgDev: -12.78 avgDelta: -13.00 basal 100 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.5 at 15:07:41 dev: -7.03
avgDev: -11.53 avgDelta: -11.50 basal 93 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.6 at 15:12:41 dev: -3.31
avgDev: -8.31 avgDelta: -8.00 basal 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.7 at 15:17:41 dev: -2.60
avgDev: -6.35 avgDelta: -5.75 basal 88 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.8 at 15:22:41 dev: -1.85
avgDev: -4.10 avgDelta: -3.25 basal 87 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.8 at 15:27:41 dev: -1.13
avgDev: -2.63 avgDelta: -1.50 basal 87 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.4 IOB: -0.9 at 15:32:41 dev: -3.38
avgDev: -2.63 avgDelta: -1.25 basal 85 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.6 IOB: -1.0 at 15:37:41 dev: -2.63
avgDev: -2.63 avgDelta: -1.00 basal 84 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.9 IOB: -1.0 at 15:42:40 dev: -1.85
avgDev: -2.60 avgDelta: -0.75 basal 84 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.1 IOB: -1.0 at 15:47:41 dev: -1.07
avgDev: -2.57 avgDelta: -0.50 basal 85 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: -1.0 at 15:52:42 dev: -3.23
avgDev: -2.48 avgDelta: -0.25 basal 84 0

0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.9 at 15:57:42 dev: -0.32
avgDev: -1.82 avgDelta: 0.50 basal 86 0
CRInitialIOB: 0.771 CRInitialBG: 88 CRInitialCarbTime:
2020-06-01T20:02:42.000Z
start carb absorption
0 mealCOB: 12.8 mealCarbs: 14 BGI: 2.2 IOB: 0.8 at 16:02:42 dev: -0.23
avgDev: -1.23 avgDelta: 1.00 csf 88 14
0 mealCOB: 11.6 mealCarbs: 14 BGI: 1.5 IOB: 0.8 at 16:07:42 dev: -2.48
avgDev: -0.98 avgDelta: 0.50 csf 87 0
1 mealCOB: 14.4 mealCarbs: 18 BGI: 0.7 IOB: 1.7 at 16:12:42 dev: -0.72
avgDev: 0.03 avgDelta: 0.75 csf 87 4
1 mealCOB: 13.2 mealCarbs: 18 BGI: -0.2 IOB: 1.6 at 16:17:42 dev: 0.22
avgDev: 0.47 avgDelta: 0.25 csf 87 0
1 mealCOB: 12.1 mealCarbs: 18 BGI: -0.9 IOB: 1.5 at 16:22:42 dev: 3.94
avgDev: 1.44 avgDelta: 0.50 csf 90 0
1 mealCOB: 10.9 mealCarbs: 18 BGI: -1.5 IOB: 1.4 at 16:27:42 dev: 5.51
avgDev: 3.26 avgDelta: 1.75 csf 94 0
1 mealCOB: 9.7 mealCarbs: 18 BGI: -1.9 IOB: 1.3 at 16:32:42 dev: 3.95
avgDev: 4.20 avgDelta: 2.25 csf 96 0
1 mealCOB: 8.5 mealCarbs: 18 BGI: -2.2 IOB: 1.2 at 16:37:42 dev: -3.77
avgDev: 2.98 avgDelta: 0.75 csf 90 0
1 mealCOB: 7.3 mealCarbs: 18 BGI: -2.4 IOB: 1.0 at 16:42:41 dev: -2.58
avgDev: 1.17 avgDelta: -1.25 csf 85 0
0 mealCOB: 6.1 mealCarbs: 18 BGI: -2.5 IOB: 0.9 at 16:47:42 dev: -3.49
avgDev: -1.24 avgDelta: -3.75 csf 79 0
0 mealCOB: 4.9 mealCarbs: 18 BGI: -2.5 IOB: 0.8 at 16:52:42 dev: -1.49
avgDev: -2.74 avgDelta: -5.25 csf 75 0
0 mealCOB: 3.7 mealCarbs: 18 BGI: -2.5 IOB: 0.6 at 16:57:41 dev: -1.55
avgDev: -2.30 avgDelta: -4.75 csf 71 0
0 mealCOB: 2.5 mealCarbs: 18 BGI: -2.4 IOB: 0.5 at 17:02:42 dev: -1.64
avgDev: -2.14 avgDelta: -4.50 csf 67 0
0 mealCOB: 1.4 mealCarbs: 18 BGI: -2.2 IOB: 0.4 at 17:07:42 dev: -0.80
avgDev: -1.55 avgDelta: -3.75 csf 64 0
0 mealCOB: 0.2 mealCarbs: 18 BGI: -2.0 IOB: 0.3 at 17:12:42 dev: -0.99
avgDev: -1.49 avgDelta: -3.50 csf 61 0
CREndIOB: 0.086 CREndBG: 62 CREndTime: 2020-06-01T21:17:42.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.8 IOB: 0.1 at 17:17:42 dev: 2.76
avgDev: -0.49 avgDelta: -2.25 csf 62 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.5 IOB: 0.0 at 17:22:42 dev: 2.51
avgDev: 0.00 avgDelta: -1.00 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: -0.1 at 17:27:42 dev: 1.23
avgDev: 0.00 avgDelta: -0.25 basal 63 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: -0.3 at 17:32:42 dev: -0.09
avgDev: 0.00 avgDelta: 0.25 basal 62 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: -0.4 at 17:37:42 dev: -1.40
avgDev: 0.00 avgDelta: -0.50 basal 60 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: -0.4 at 17:42:42 dev: -1.69
avgDev: -0.94 avgDelta: -1.25 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.6 at 17:47:42 dev: -1.00

avgDev: -1.50 avgDelta: -1.50 basal 57 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.6 at 17:52:42 dev: 0.69
avgDev: -1.31 avgDelta: -1.00 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.7 at 17:57:42 dev: -0.63
avgDev: -1.13 avgDelta: -0.50 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.9 IOB: -0.8 at 18:02:42 dev: -0.94
avgDev: -0.94 avgDelta: 0.00 basal 58 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.9 at 18:07:42 dev: 0.77
avgDev: -0.48 avgDelta: 0.75 basal 60 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.5 IOB: -0.9 at 18:12:42 dev: 2.52
avgDev: 0.00 avgDelta: 1.50 basal 64 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.7 IOB: -0.9 at 18:17:42 dev: 2.30
avgDev: 0.00 avgDelta: 2.50 basal 68 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.9 IOB: -0.8 at 18:22:42 dev: 1.15
avgDev: 0.00 avgDelta: 3.25 basal 71 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.9 IOB: -0.8 at 18:27:42 dev: 0.05
avgDev: 0.00 avgDelta: 3.25 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.0 IOB: -0.8 at 18:32:42 dev: -4.04
avgDev: -0.29 avgDelta: 1.75 basal 71 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.1 IOB: -0.7 at 18:37:41 dev: 8.90
avgDev: 1.40 avgDelta: 3.50 basal 82 0
CRInitialIOB: 2.534 CRInitialBG: 94 CRInitialCarbTime:
2020-06-01T22:42:42.000Z
start carb absorption
1 mealCOB: 10.8 mealCarbs: 12 BGI: 0.8 IOB: 2.5 at 18:42:42 dev: 11.21
avgDev: 4.96 avgDelta: 5.75 csf 94 12
1 mealCOB: 9.3 mealCarbs: 12 BGI: -0.6 IOB: 2.5 at 18:47:42 dev: 17.63
avgDev: 10.13 avgDelta: 9.50 csf 111 0
1 mealCOB: 7.2 mealCarbs: 12 BGI: -2.0 IOB: 2.9 at 18:52:42 dev: 9.98
avgDev: 13.98 avgDelta: 12.00 csf 119 0
1 mealCOB: 5.5 mealCarbs: 12 BGI: -3.1 IOB: 2.9 at 18:57:42 dev: 1.14
avgDev: 11.89 avgDelta: 8.75 csf 117 0
1 mealCOB: 4.0 mealCarbs: 12 BGI: -4.1 IOB: 2.8 at 19:02:42 dev: 4.08
avgDev: 9.83 avgDelta: 5.75 csf 117 0
1 mealCOB: 2.8 mealCarbs: 12 BGI: -4.8 IOB: 2.7 at 19:07:42 dev: 4.81
avgDev: 6.31 avgDelta: 1.50 csf 117 0
1 mealCOB: 1.6 mealCarbs: 12 BGI: -5.4 IOB: 2.6 at 19:12:42 dev: 4.37
avgDev: 4.62 avgDelta: -0.75 csf 116 0
1 mealCOB: 0.4 mealCarbs: 12 BGI: -5.8 IOB: 2.5 at 19:17:42 dev: 2.78
avgDev: 4.78 avgDelta: -1.00 csf 113 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -6.0 IOB: 2.3 at 19:22:42 dev: 9.03
avgDev: 5.78 avgDelta: -0.25 csf 116 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -6.2 IOB: 2.1 at 19:27:42 dev: 0.16
avgDev: 4.41 avgDelta: -1.75 csf 110 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -6.2 IOB: 1.9 at 19:32:42 dev: -3.81
avgDev: 2.19 avgDelta: -4.00 csf 100 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -6.1 IOB: 1.7 at 19:37:41 dev: 8.13
avgDev: 3.38 avgDelta: -2.75 csf 102 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -6.0 IOB: 1.6 at 19:42:42 dev: 6.00
avgDev: 2.50 avgDelta: -3.50 csf 102 0

1 mealCOB: 0.0 mealCarbs: 12 BGI: -5.8 IOB: 1.5 at 19:47:42 dev: -2.16
avgDev: 1.84 avgDelta: -4.00 csf 94 0
1 mealCOB: 0.0 mealCarbs: 12 BGI: -5.7 IOB: 1.5 at 19:52:42 dev: -8.35
avgDev: 0.65 avgDelta: -5.00 csf 80 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -5.5 IOB: 1.4 at 19:57:42 dev: -9.53
avgDev: -3.78 avgDelta: -9.25 csf 65 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -5.3 IOB: 1.3 at 20:02:42 dev: -4.72
avgDev: -6.47 avgDelta: -11.75 ISF 55 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -5.0 IOB: 1.0 at 20:07:42 dev: 1.03
avgDev: -5.72 avgDelta: -10.75 ISF 51 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -4.7 IOB: 0.9 at 20:12:42 dev: 2.71
avgDev: -3.04 avgDelta: -7.75 ISF 49 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -4.4 IOB: 0.7 at 20:17:42 dev: 4.37
avgDev: 0.00 avgDelta: -4.00 ISF 49 0
CREndIOB: 0.533 CREndBG: 50 CREndTime: 2020-06-02T00:22:42.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -4.0 IOB: 0.5 at 20:22:42 dev: 4.99
avgDev: 0.00 avgDelta: -1.25 ISF 50 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.6 IOB: 0.4 at 20:27:42 dev: 4.58
avgDev: 0.00 avgDelta: 0.00 ISF 51 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.2 at 20:32:42 dev: -1.86
avgDev: 0.00 avgDelta: -0.75 ISF 46 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.7 IOB: 0.1 at 20:37:42 dev: -1.27
avgDev: 0.00 avgDelta: -1.75 ISF 42 0
CRInitialIOB: -0.25 CRInitialBG: 48 CRInitialCarbTime:
2020-06-02T00:47:42.000Z
start carb absorption
0 mealCOB: 43.8 mealCarbs: 45 BGI: -1.8 IOB: -0.3 at 20:47:42 dev:
10.82 avgDev: 0.00 avgDelta: -0.75 csf 48 0
0 mealCOB: 42.6 mealCarbs: 45 BGI: -1.4 IOB: -0.4 at 20:52:42 dev:
9.38 avgDev: 0.00 avgDelta: 2.50 csf 56 0
0 mealCOB: 41.4 mealCarbs: 45 BGI: -0.9 IOB: -0.5 at 20:57:43 dev:
4.94 avgDev: 0.00 avgDelta: 4.50 csf 60 0
0 mealCOB: 40.2 mealCarbs: 45 BGI: -0.2 IOB: -0.5 at 21:07:42 dev:
1.22 avgDev: 0.00 avgDelta: 3.75 csf 63 0
0 mealCOB: 39.1 mealCarbs: 45 BGI: 0.1 IOB: -0.5 at 21:12:42 dev: 1.94
avgDev: 0.00 avgDelta: 2.25 csf 65 0
0 mealCOB: 37.9 mealCarbs: 45 BGI: 0.3 IOB: -0.5 at 21:17:42 dev: 3.72
avgDev: 0.00 avgDelta: 2.25 csf 69 0
0 mealCOB: 36.7 mealCarbs: 45 BGI: 0.5 IOB: -0.5 at 21:22:42 dev: 4.50
avgDev: 0.00 avgDelta: 3.00 csf 74 0
0 mealCOB: 35.5 mealCarbs: 45 BGI: 0.7 IOB: -0.5 at 21:27:42 dev: 2.34
avgDev: 0.00 avgDelta: 3.50 csf 77 0
0 mealCOB: 34.3 mealCarbs: 45 BGI: 0.8 IOB: -0.5 at 21:32:42 dev: 2.21
avgDev: 2.96 avgDelta: 3.75 csf 80 0
0 mealCOB: 33.1 mealCarbs: 45 BGI: 0.9 IOB: -0.5 at 21:37:42 dev:
-0.91 avgDev: 1.84 avgDelta: 2.75 csf 80 0
0 mealCOB: 31.9 mealCarbs: 45 BGI: -0.3 IOB: 2.0 at 21:42:42 dev:
-5.72 avgDev: 0.00 avgDelta: 0.00 csf 74 0
0 mealCOB: 30.7 mealCarbs: 45 BGI: -1.3 IOB: 2.0 at 21:47:42 dev: 0.26

avgDev: 0.00 avgDelta: -1.00 csf 73 0
0 mealCOB: 29.5 mealCarbs: 45 BGI: -2.1 IOB: 2.0 at 21:52:42 dev: 1.07
avgDev: 0.00 avgDelta: -2.00 csf 72 0
1 mealCOB: 28.4 mealCarbs: 45 BGI: -2.7 IOB: 2.0 at 21:57:42 dev:
10.73 avgDev: 2.73 avgDelta: 0.00 csf 80 0
1 mealCOB: 27.2 mealCarbs: 45 BGI: -3.3 IOB: 1.9 at 22:02:42 dev:
12.27 avgDev: 7.02 avgDelta: 3.75 csf 89 0
1 mealCOB: 25.6 mealCarbs: 45 BGI: -3.7 IOB: 1.9 at 22:07:42 dev:
14.71 avgDev: 10.46 avgDelta: 6.75 csf 100 0
1 mealCOB: 23.5 mealCarbs: 45 BGI: -4.2 IOB: 2.2 at 22:12:42 dev:
15.24 avgDev: 13.99 avgDelta: 9.75 csf 111 0
1 mealCOB: 21.3 mealCarbs: 45 BGI: -4.9 IOB: 2.6 at 22:17:42 dev:
13.90 avgDev: 14.90 avgDelta: 10.00 csf 120 0
1 mealCOB: 19.2 mealCarbs: 45 BGI: -5.6 IOB: 2.8 at 22:22:42 dev: 9.56
avgDev: 14.31 avgDelta: 8.75 csf 124 0
1 mealCOB: 17.4 mealCarbs: 45 BGI: -6.1 IOB: 2.7 at 22:27:42 dev: 7.06
avgDev: 12.31 avgDelta: 6.25 csf 125 0
1 mealCOB: 15.9 mealCarbs: 45 BGI: -6.5 IOB: 2.8 at 22:32:42 dev: 5.53
avgDev: 9.78 avgDelta: 3.25 csf 124 0
1 mealCOB: 14.7 mealCarbs: 45 BGI: -6.9 IOB: 2.7 at 22:37:42 dev: 2.91
avgDev: 6.91 avgDelta: 0.00 csf 120 0
1 mealCOB: 13.5 mealCarbs: 45 BGI: -7.1 IOB: 2.6 at 22:42:42 dev: 1.13
avgDev: 4.63 avgDelta: -2.50 csf 114 0
1 mealCOB: 12.3 mealCarbs: 45 BGI: -7.2 IOB: 2.4 at 22:47:42 dev: 0.23
avgDev: 2.73 avgDelta: -4.50 csf 107 0
1 mealCOB: 11.2 mealCarbs: 45 BGI: -7.2 IOB: 2.1 at 22:52:42 dev: 0.19
avgDev: 1.19 avgDelta: -6.00 csf 100 0
1 mealCOB: 10.0 mealCarbs: 45 BGI: -7.0 IOB: 1.9 at 22:57:43 dev: 3.04
avgDev: 1.04 avgDelta: -6.00 csf 96 0
1 mealCOB: 8.8 mealCarbs: 45 BGI: -6.8 IOB: 1.7 at 23:02:42 dev: 3.85
avgDev: 1.60 avgDelta: -5.25 csf 93 0
1 mealCOB: 7.6 mealCarbs: 45 BGI: -6.6 IOB: 1.5 at 23:07:42 dev: 3.57
avgDev: 2.32 avgDelta: -4.25 csf 90 0
1 mealCOB: 6.4 mealCarbs: 45 BGI: -6.2 IOB: 1.3 at 23:12:42 dev: 5.22
avgDev: 3.47 avgDelta: -2.75 csf 89 0
1 mealCOB: 5.2 mealCarbs: 45 BGI: -5.8 IOB: 1.1 at 23:17:42 dev: 4.84
avgDev: 3.84 avgDelta: -2.00 csf 88 0
1 mealCOB: 4.0 mealCarbs: 45 BGI: -5.4 IOB: 0.9 at 23:22:42 dev: 7.40
avgDev: 4.65 avgDelta: -0.75 csf 90 0
1 mealCOB: 2.8 mealCarbs: 45 BGI: -5.0 IOB: 0.7 at 23:27:42 dev: 5.96
avgDev: 5.21 avgDelta: 0.25 csf 91 0
1 mealCOB: 1.7 mealCarbs: 45 BGI: -4.5 IOB: 0.7 at 23:32:42 dev: 6.52
avgDev: 5.52 avgDelta: 1.00 csf 93 0
0 mealCOB: 0.5 mealCarbs: 45 BGI: -4.2 IOB: 0.6 at 23:37:42 dev: 6.15
avgDev: 5.90 avgDelta: 1.75 csf 95 0
CREndIOB: 0.535 CREndBG: 99 CREndTime: 2020-06-02T03:42:42.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.8 IOB: 0.5 at 23:42:42 dev: 7.77
avgDev: 6.02 avgDelta: 2.25 csf 99 0
end carb absorption
start unannounced meal absorption

0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.4 IOB: 0.5 at 23:47:42 dev: 7.42
avgDev: 6.42 avgDelta: 3.00 uam 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.2 IOB: 0.6 at 23:52:42 dev: 13.24
avgDev: 8.24 avgDelta: 5.00 uam 113 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.8 at 23:57:42 dev: 11.11
avgDev: 9.61 avgDelta: 6.50 uam 121 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.9 at 00:02:41 dev: 5.11
avgDev: 9.11 avgDelta: 6.00 uam 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.1 IOB: 0.9 at 00:07:41 dev: 3.11
avgDev: 8.11 avgDelta: 5.00 uam 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -3.0 IOB: 0.8 at 00:12:41 dev: 2.05
avgDev: 5.30 avgDelta: 2.25 uam 122 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.9 IOB: 0.7 at 00:17:41 dev: 4.92
avgDev: 3.67 avgDelta: 0.75 uam 124 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.8 IOB: 0.6 at 00:22:41 dev: 3.80
avgDev: 3.30 avgDelta: 0.50 uam 125 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.6 IOB: 0.5 at 00:27:41 dev: 2.64
avgDev: 3.14 avgDelta: 0.50 uam 125 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.5 IOB: 0.4 at 00:32:41 dev: 1.45
avgDev: 2.95 avgDelta: 0.50 uam 124 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.3 IOB: 0.4 at 00:37:41 dev: 1.29
avgDev: 2.04 avgDelta: -0.25 uam 123 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.1 IOB: 0.3 at 00:42:41 dev: -0.93
avgDev: 0.82 avgDelta: -1.25 uam 120 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.9 IOB: 0.2 at 00:47:42 dev: -0.12
avgDev: 0.13 avgDelta: -1.75 uam 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: 0.2 at 00:52:41 dev: 3.70
avgDev: 0.70 avgDelta: -1.00 uam 120 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.5 IOB: 0.1 at 00:57:42 dev: -0.49
avgDev: 0.26 avgDelta: -1.25 uam 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.4 IOB: 0.1 at 01:02:41 dev: 1.35
avgDev: 0.85 avgDelta: -0.50 uam 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.2 IOB: 0.0 at 01:07:41 dev: 1.16
avgDev: 1.16 avgDelta: 0.00 uam 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.0 IOB: 0.0 at 01:12:41 dev: 1.01
avgDev: 0.51 avgDelta: -0.50 uam 118 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: 0.0 at 01:17:42 dev: -2.12
avgDev: 0.13 avgDelta: -0.75 uam 115 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.8 IOB: 0.0 at 01:22:41 dev: -1.25
avgDev: -0.50 avgDelta: -1.25 uam 113 0
end unannounced meal absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: -0.0 at 01:27:41 dev: -1.37
avgDev: -1.12 avgDelta: -1.75 basal 111 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.5 IOB: -0.1 at 01:32:42 dev: -0.50
avgDev: -1.50 avgDelta: -2.00 basal 110 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.4 IOB: -0.1 at 01:37:41 dev: 0.41
avgDev: -0.84 avgDelta: -1.25 basal 110 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: -0.1 at 01:42:41 dev: -0.69
avgDev: -0.69 avgDelta: -1.00 basal 109 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.1 at 01:47:41 dev: 0.22

avgDev: -0.28 avgDelta: -0.50 basal 109 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.1 at 01:52:41 dev: -0.84
avgDev: -0.34 avgDelta: -0.50 basal 108 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: -0.1 at 01:57:41 dev: -6.91
avgDev: -2.16 avgDelta: -2.25 basal 101 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.2 at 02:02:41 dev: -1.00
avgDev: -2.25 avgDelta: -2.25 basal 100 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.3 at 02:07:41 dev: -5.13
avgDev: -3.63 avgDelta: -3.50 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.4 at 02:12:42 dev: -0.28
avgDev: -3.53 avgDelta: -3.25 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.4 at 02:17:41 dev: -1.44
avgDev: -2.19 avgDelta: -1.75 basal 94 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.4 at 02:22:41 dev: -1.57
avgDev: -2.32 avgDelta: -1.75 basal 93 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.7 IOB: -0.5 at 02:27:41 dev: 1.28
avgDev: -0.72 avgDelta: 0.00 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.9 IOB: -0.5 at 02:32:42 dev: 1.12
avgDev: -0.38 avgDelta: 0.50 basal 97 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.5 at 02:37:41 dev: -3.97
avgDev: -0.97 avgDelta: 0.00 basal 94 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.5 at 02:42:41 dev: -3.07
avgDev: -1.32 avgDelta: -0.25 basal 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.5 at 02:47:41 dev: -1.13
avgDev: -1.88 avgDelta: -0.75 basal 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.4 at 02:52:42 dev: -1.16
avgDev: -2.41 avgDelta: -1.25 basal 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.4 at 02:57:42 dev: 0.81
avgDev: -1.19 avgDelta: 0.00 basal 94 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.4 at 03:02:41 dev: 0.77
avgDev: -0.23 avgDelta: 1.00 basal 96 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.4 at 03:07:41 dev: 1.77
avgDev: 0.52 avgDelta: 1.75 basal 99 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.4 at 03:12:42 dev: 0.77
avgDev: 1.02 avgDelta: 2.25 basal 101 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.3 at 03:17:42 dev: 2.81
avgDev: 1.56 avgDelta: 2.75 basal 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.3 at 03:22:41 dev: -2.19
avgDev: 0.81 avgDelta: 2.00 basal 104 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.2 IOB: -0.3 at 03:27:42 dev: -2.16
avgDev: -0.16 avgDelta: 1.00 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.3 at 03:32:41 dev: -1.13
avgDev: -0.63 avgDelta: 0.50 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.3 at 03:37:42 dev: -1.10
avgDev: -1.60 avgDelta: -0.50 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.2 at 03:42:41 dev: -1.04
avgDev: -1.29 avgDelta: -0.25 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.2 at 03:47:41 dev: -0.01
avgDev: -0.76 avgDelta: 0.25 basal 104 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.0 IOB: -0.2 at 03:52:42 dev: 0.03

avgDev: -0.47 avgDelta: 0.50 basal 105 0
Found at least 1h of carb absorption: assuming all meals were
announced, and categorizing UAM data as basal.
oref0-autotune-core autotune.2020-06-01.json profile.json
profile.pump.json > newprofile.2020-06-01.json
CRTotalCarbs: 95 CRTotalInsulin: 9.971 totalCR: 9.528
Hour 0 total deviations: 39.53 mg/dL
Hour 0 basal adjustment needed: 0.13 U/hr
Hour 1 total deviations: -4.78 mg/dL
Hour 1 basal adjustment needed: -0.02 U/hr
Hour 2 total deviations: -22.79 mg/dL
Hour 2 basal adjustment needed: -0.07 U/hr
Hour 3 total deviations: -1.23 mg/dL
Hour 3 basal adjustment needed: -0 U/hr
Hour 4 total deviations: 0 mg/dL
Hour 4 basal adjustment needed: 0 U/hr
Hour 5 total deviations: 3.24 mg/dL
Hour 5 basal adjustment needed: 0.01 U/hr
Hour 6 total deviations: 2.2 mg/dL
Hour 6 basal adjustment needed: 0.01 U/hr
Hour 7 total deviations: -58.44 mg/dL
Hour 7 basal adjustment needed: -0.19 U/hr
Hour 8 total deviations: 0 mg/dL
Hour 8 basal adjustment needed: 0 U/hr
Hour 9 total deviations: 0 mg/dL
Hour 9 basal adjustment needed: 0 U/hr
Hour 10 total deviations: -2.85 mg/dL
Hour 10 basal adjustment needed: -0.01 U/hr
Hour 11 total deviations: -27.97 mg/dL
Hour 11 basal adjustment needed: -0.09 U/hr
Hour 12 total deviations: -2.73 mg/dL
Hour 12 basal adjustment needed: -0.01 U/hr
Hour 13 total deviations: 0 mg/dL
Hour 13 basal adjustment needed: 0 U/hr
Hour 14 total deviations: -12.75 mg/dL
Hour 14 basal adjustment needed: -0.04 U/hr
Hour 15 total deviations: -60.43 mg/dL
Hour 15 basal adjustment needed: -0.19 U/hr
Hour 16 total deviations: 0 mg/dL
Hour 16 basal adjustment needed: 0 U/hr
Hour 17 total deviations: -4.88 mg/dL
Hour 17 basal adjustment needed: -0.02 U/hr
Hour 18 total deviations: -0.31 mg/dL
Hour 18 basal adjustment needed: -0 U/hr
Hour 19 total deviations: 0 mg/dL
Hour 19 basal adjustment needed: 0 U/hr
Hour 20 total deviations: 0 mg/dL
Hour 20 basal adjustment needed: 0 U/hr
Hour 21 total deviations: 0 mg/dL
Hour 21 basal adjustment needed: 0 U/hr

Hour 22 total deviations: 0 mg/dL
Hour 22 basal adjustment needed: 0 U/hr
Hour 23 total deviations: 24.27 mg/dL
Hour 23 basal adjustment needed: 0.08 U/hr
Adjusting hour 17 basal from 1.261 to 1.248 based on hour 16 = 1.062
and hour 20 = 1.326
Adjusting hour 18 basal from 1.343 to 1.313 based on hour 16 = 1.062
and hour 20 = 1.326
Adjusting hour 19 basal from 1.343 to 1.313 based on hour 16 = 1.062
and hour 20 = 1.326

```
[
  { i: 0, minutes: 0, rate: 1.02, start: '00:00:00', untuned: 1 },
  { i: 1, minutes: 60, rate: 1.009, start: '01:00:00' },
  { i: 2, minutes: 120, rate: 1.063, start: '02:00:00' },
  { i: 3, minutes: 180, rate: 1.079, start: '03:00:00' },
  { i: 4, minutes: 240, rate: 0.859, start: '04:00:00' },
  { i: 5, minutes: 300, rate: 0.907, start: '05:00:00' },
  { i: 6, minutes: 360, rate: 1.092, start: '06:00:00' },
  { i: 7, minutes: 420, rate: 1.337, start: '07:00:00' },
  { i: 8, minutes: 480, rate: 1.326, start: '08:00:00' },
  { i: 9, minutes: 540, rate: 1.301, start: '09:00:00' },
  { i: 10, minutes: 600, rate: 1.29, start: '10:00:00', untuned: 1 },
  { i: 11, minutes: 660, rate: 1.227, start: '11:00:00', untuned: 1 },
  { i: 12, minutes: 720, rate: 1.164, start: '12:00:00', untuned: 1 },
  { i: 13, minutes: 780, rate: 1.164, start: '13:00:00', untuned: 1 },
  { i: 14, minutes: 840, rate: 1.031, start: '14:00:00' },
  { i: 15, minutes: 900, rate: 1.062, start: '15:00:00' },
  { i: 16, minutes: 960, rate: 1.062, start: '16:00:00' },
  { i: 17, minutes: 1020, rate: 1.248, start: '17:00:00', untuned:
1 },
  { i: 18, minutes: 1080, rate: 1.313, start: '18:00:00', untuned:
1 },
  { i: 19, minutes: 1140, rate: 1.313, start: '19:00:00', untuned:
1 },
  { i: 20, minutes: 1200, rate: 1.326, start: '20:00:00', untuned:
1 },
  { i: 21, minutes: 1260, rate: 1.369, start: '21:00:00', untuned:
1 },
  { i: 22, minutes: 1320, rate: 1.322, start: '22:00:00', untuned:
1 },
  { i: 23, minutes: 1380, rate: 1.268, start: '23:00:00', untuned: 1 }
]
```

totalMealCarbs: 140 totalDeviations: 492.96 oldCSF 6.73 fullNewCSF:
3.52 newCSF: 6.088
oldCR: 9.336 fullNewCR: 9.528 newCR: 9.374
p50deviation: 0 p50BGI -2.17 p50ratios: 1 old ISF: 62.833 fullNewISF:
62.833 adjustedISF: 62.833 newISF: 62.833 newDIA: 6 newPeak: 55

Autotune pump profile recommendations:

Recommendations Log File: /Users/sethgagnon/myopenaps/autotune/
autotune_recommendations.log

Parameter	Pump	Autotune	Days Missing
ISF [mg/dL/U]	65.000	62.833	
Carb Ratio[g/U]	9.650	9.374	
00:00	1.050	1.020	1
01:00	1.050	1.009	0
02:00	1.050	1.063	0
03:00	1.050	1.079	0
04:00	0.900	0.859	0
05:00	1.000	0.907	0
06:00	1.200	1.092	0
07:00	1.400	1.337	0
08:00	1.400	1.326	0
09:00	1.400	1.301	0
10:00	1.350	1.290	1
11:00	1.250	1.227	1
12:00	1.250	1.164	1
13:00	1.250	1.164	1
14:00	1.100	1.031	0
15:00	1.100	1.062	0
16:00	1.100	1.062	0
17:00	1.300	1.248	1
18:00	1.350	1.313	1
19:00	1.350	1.313	1
20:00	1.300	1.326	1
21:00	1.300	1.369	1
22:00	1.250	1.322	1
23:00	1.250	1.268	1

Query: <https://mysite.herokuapp.com/entries/sgv.json>
find%5Bdate%5D%5B%24gte%5D=1591084800000&find%5Bdate%5D%5B%24lte%5D=1591171200000&count=1500

-rw-r--r-- 1 sethgagnon staff 30781 Jun 2 13:04 ns-entries.2020-06-02.json

Query: <https://mysite.herokuapp.com/treatments.json>
find%5Bcreated_at%5D%5B%24gte%5D=2020-06-01T06:00-04:00&find%5Bcreated_at%5D%5B%24lte%5D=2020-06-03T18:00-04:00

-rw-r--r-- 1 sethgagnon staff 48533 Jun 2 13:04 ns-treatments.2020-06-02.json

oref0-autotune-prep ns-treatments.2020-06-02.json profile.json ns-entries.2020-06-02.json profile.pump.json > autotune.2020-06-02.json
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.7 IOB: -0.1 at 04:22:41 dev: -0.69
avgDev: -0.44 avgDelta: 0.25 basal 109 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.1 at 04:27:42 dev: -1.63
avgDev: -0.88 avgDelta: -0.25 basal 108 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.1 at 04:32:42 dev: -1.60
avgDev: -1.10 avgDelta: -0.50 basal 107 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.1 at 04:37:41 dev: -1.57

avgDev: -1.32 avgDelta: -0.75 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.1 at 04:42:41 dev: -0.50
avgDev: -1.25 avgDelta: -0.75 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.1 at 04:47:42 dev: -1.47
avgDev: -1.22 avgDelta: -0.75 basal 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.1 at 04:52:42 dev: -0.44
avgDev: -0.94 avgDelta: -0.50 basal 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.1 at 04:57:42 dev: 0.59
avgDev: -0.41 avgDelta: 0.00 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.1 at 05:02:41 dev: -0.38
avgDev: -0.38 avgDelta: 0.00 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.1 at 05:07:41 dev: -0.35
avgDev: -0.10 avgDelta: 0.25 basal 106 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.1 at 05:12:41 dev: -1.35
avgDev: -0.35 avgDelta: 0.00 basal 105 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.1 at 05:17:41 dev: -2.31
avgDev: -1.06 avgDelta: -0.75 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.0 at 05:22:41 dev: -1.28
avgDev: -1.28 avgDelta: -1.00 basal 102 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.0 at 05:27:41 dev: 0.75
avgDev: -1.00 avgDelta: -0.75 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.0 at 05:32:41 dev: -0.25
avgDev: -0.75 avgDelta: -0.50 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.1 at 05:37:42 dev: -4.25
avgDev: -1.25 avgDelta: -1.00 basal 99 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.2 at 05:42:42 dev: -4.28
avgDev: -2.03 avgDelta: -1.75 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.3 at 05:47:41 dev: 0.62
avgDev: -2.13 avgDelta: -1.75 basal 96 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.3 at 05:52:42 dev: 1.53
avgDev: -1.72 avgDelta: -1.25 basal 98 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.3 at 05:57:41 dev: 3.47
avgDev: 0.22 avgDelta: 0.75 basal 102 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.3 at 06:02:41 dev: 8.37
avgDev: 3.37 avgDelta: 4.00 basal 111 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.5 IOB: -0.0 at 06:07:42 dev: 1.47
avgDev: 3.72 avgDelta: 4.25 basal 113 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: 0.1 at 06:12:41 dev: 0.59
avgDev: 3.59 avgDelta: 4.00 basal 114 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: 0.2 at 06:17:41 dev: -0.25
avgDev: 2.75 avgDelta: 3.00 basal 114 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: 0.2 at 06:22:41 dev: 0.87
avgDev: 0.87 avgDelta: 1.00 basal 115 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: 0.2 at 06:27:41 dev: 0.00
avgDev: 0.50 avgDelta: 0.50 basal 115 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: 0.2 at 06:32:41 dev: 1.09
avgDev: 0.59 avgDelta: 0.50 basal 116 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: 0.2 at 06:37:42 dev: -3.81
avgDev: -0.31 avgDelta: -0.50 basal 112 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: 0.2 at 06:42:41 dev: -4.75

avgDev: -1.75 avgDelta: -2.00 basal 107 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.3 IOB: 0.1 at 06:47:41 dev: -3.75
avgDev: -2.75 avgDelta: -3.00 basal 103 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.0 at 06:52:41 dev: -2.78
avgDev: -3.78 avgDelta: -4.00 basal 100 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.1 IOB: -0.1 at 06:57:42 dev: -6.87
avgDev: -4.62 avgDelta: -4.75 basal 93 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.0 IOB: -0.3 at 07:02:41 dev: -1.00
avgDev: -3.75 avgDelta: -3.75 basal 92 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.2 IOB: -0.4 at 07:07:41 dev: -3.19
avgDev: -3.69 avgDelta: -3.50 basal 89 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.4 IOB: -0.5 at 07:12:41 dev: -6.38
avgDev: -4.63 avgDelta: -4.25 basal 83 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.6 IOB: -0.6 at 07:17:41 dev: -6.60
avgDev: -4.60 avgDelta: -4.00 basal 77 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.8 IOB: -0.7 at 07:22:41 dev: -5.82
avgDev: -5.82 avgDelta: -5.00 basal 72 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.1 IOB: -0.8 at 07:27:42 dev: -1.07
avgDev: -5.32 avgDelta: -4.25 basal 72 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.3 IOB: -0.9 at 07:32:42 dev: -1.32
avgDev: -4.07 avgDelta: -2.75 basal 72 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.6 IOB: -1.0 at 07:37:41 dev: -0.57
avgDev: -2.57 avgDelta: -1.00 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 1.8 IOB: -0.9 at 07:42:41 dev: -1.79
avgDev: -1.54 avgDelta: 0.25 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.0 IOB: -0.9 at 07:47:41 dev: -0.98
avgDev: -1.48 avgDelta: 0.50 basal 74 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.1 IOB: -0.9 at 07:52:41 dev: 3.90
avgDev: -0.10 avgDelta: 2.00 basal 80 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: -0.8 at 07:57:41 dev: 3.80
avgDev: 1.05 avgDelta: 3.25 basal 86 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.8 at 08:02:42 dev: 2.74
avgDev: 2.24 avgDelta: 4.50 basal 91 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.8 at 08:07:41 dev: -4.29
avgDev: 1.46 avgDelta: 3.75 basal 89 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.7 at 08:12:42 dev: -1.29
avgDev: 0.21 avgDelta: 2.50 basal 90 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.7 at 08:17:42 dev: 0.71
avgDev: -0.54 avgDelta: 1.75 basal 93 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.3 IOB: -0.7 at 08:22:42 dev: -4.26
avgDev: -2.26 avgDelta: 0.00 basal 91 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: -0.6 at 08:27:41 dev: 0.77
avgDev: -0.98 avgDelta: 1.25 basal 94 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.2 IOB: -0.6 at 08:32:42 dev: -1.17
avgDev: -0.92 avgDelta: 1.25 basal 95 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 2.1 IOB: -0.6 at 08:37:41 dev: -0.10
avgDev: -1.10 avgDelta: 1.00 basal 97 0
CRInitialIOB: 3.982 CRInitialBG: 98 CRInitialCarbTime:
2020-06-02T12:42:42.000Z
start carb absorption

0 mealCOB: 43.8 mealCarbs: 45 BGI: 2.0 IOB: 4.0 at 08:42:42 dev: -1.04
avgDev: -0.29 avgDelta: 1.75 csf 98 45
1 mealCOB: 42.6 mealCarbs: 45 BGI: -0.3 IOB: 4.0 at 08:47:41 dev: 0.28
avgDev: 1.28 avgDelta: 1.00 csf 98 0
1 mealCOB: 41.4 mealCarbs: 45 BGI: -2.3 IOB: 4.0 at 08:52:41 dev: 3.26
avgDev: 3.26 avgDelta: 1.00 csf 99 0
1 mealCOB: 40.2 mealCarbs: 45 BGI: -3.9 IOB: 3.9 at 08:57:41 dev: 0.86
avgDev: 3.61 avgDelta: -0.25 csf 96 0
1 mealCOB: 39.0 mealCarbs: 45 BGI: -5.2 IOB: 3.9 at 09:02:42 dev: 2.22
avgDev: 3.97 avgDelta: -1.25 csf 93 0
1 mealCOB: 37.8 mealCarbs: 45 BGI: -6.3 IOB: 3.8 at 09:07:42 dev: 7.28
avgDev: 5.28 avgDelta: -1.00 csf 94 0
1 mealCOB: 36.6 mealCarbs: 45 BGI: -7.1 IOB: 3.7 at 09:12:41 dev:
10.13 avgDev: 6.63 avgDelta: -0.50 csf 97 0
1 mealCOB: 35.4 mealCarbs: 45 BGI: -7.8 IOB: 3.5 at 09:17:41 dev: 8.79
avgDev: 8.29 avgDelta: 0.50 csf 98 0
1 mealCOB: 34.1 mealCarbs: 45 BGI: -8.3 IOB: 3.4 at 09:22:41 dev: 5.29
avgDev: 8.79 avgDelta: 0.50 csf 95 0
1 mealCOB: 32.7 mealCarbs: 45 BGI: -8.6 IOB: 3.3 at 09:27:41 dev: 9.64
avgDev: 9.14 avgDelta: 0.50 csf 96 0
1 mealCOB: 31.4 mealCarbs: 45 BGI: -8.9 IOB: 3.1 at 09:32:41 dev: 9.86
avgDev: 8.86 avgDelta: 0.00 csf 97 0
1 mealCOB: 30.1 mealCarbs: 45 BGI: -9.0 IOB: 3.0 at 09:37:42 dev: 8.99
avgDev: 8.74 avgDelta: -0.25 csf 97 0
1 mealCOB: 28.8 mealCarbs: 45 BGI: -9.0 IOB: 2.8 at 09:42:42 dev: 7.02
avgDev: 9.02 avgDelta: 0.00 csf 95 0
1 mealCOB: 27.4 mealCarbs: 45 BGI: -9.0 IOB: 2.7 at 09:47:41 dev: 9.99
avgDev: 8.99 avgDelta: 0.00 csf 96 0
1 mealCOB: 26.2 mealCarbs: 45 BGI: -8.9 IOB: 2.6 at 09:52:42 dev: 6.86
avgDev: 8.11 avgDelta: -0.75 csf 94 0
1 mealCOB: 25.0 mealCarbs: 45 BGI: -8.7 IOB: 2.4 at 09:57:42 dev: 6.70
avgDev: 7.45 avgDelta: -1.25 csf 92 0
1 mealCOB: 23.8 mealCarbs: 45 BGI: -8.5 IOB: 2.3 at 10:02:42 dev: 8.51
avgDev: 7.76 avgDelta: -0.75 csf 92 0
1 mealCOB: 22.6 mealCarbs: 45 BGI: -8.3 IOB: 2.2 at 10:07:41 dev: 8.26
avgDev: 7.26 avgDelta: -1.00 csf 92 0
1 mealCOB: 21.4 mealCarbs: 45 BGI: -8.0 IOB: 2.0 at 10:12:42 dev:
11.01 avgDev: 8.26 avgDelta: 0.25 csf 95 0
1 mealCOB: 20.1 mealCarbs: 45 BGI: -7.7 IOB: 1.9 at 10:17:41 dev: 8.73
avgDev: 8.73 avgDelta: 1.00 csf 96 0
1 mealCOB: 18.9 mealCarbs: 45 BGI: -7.4 IOB: 1.8 at 10:22:41 dev: 6.41
avgDev: 8.16 avgDelta: 0.75 csf 95 0
1 mealCOB: 17.7 mealCarbs: 45 BGI: -7.1 IOB: 1.7 at 10:27:41 dev: 5.13
avgDev: 7.38 avgDelta: 0.25 csf 93 0
1 mealCOB: 16.5 mealCarbs: 45 BGI: -6.8 IOB: 1.6 at 10:32:42 dev: 5.79
avgDev: 6.04 avgDelta: -0.75 csf 92 0
1 mealCOB: 15.3 mealCarbs: 45 BGI: -6.5 IOB: 1.4 at 10:37:42 dev: 4.47
avgDev: 4.97 avgDelta: -1.50 csf 90 0
1 mealCOB: 14.1 mealCarbs: 45 BGI: -6.2 IOB: 1.3 at 10:42:41 dev: 5.16
avgDev: 4.66 avgDelta: -1.50 csf 89 0

1 mealCOB: 12.9 mealCarbs: 45 BGI: -5.8 IOB: 1.2 at 10:47:41 dev: 2.84
avgDev: 4.09 avgDelta: -1.75 csf 86 0
1 mealCOB: 11.7 mealCarbs: 45 BGI: -5.5 IOB: 1.2 at 10:52:42 dev: 4.53
avgDev: 3.78 avgDelta: -1.75 csf 85 0
1 mealCOB: 10.5 mealCarbs: 45 BGI: -5.3 IOB: 1.1 at 10:57:42 dev: 3.25
avgDev: 3.50 avgDelta: -1.75 csf 83 0
1 mealCOB: 9.3 mealCarbs: 45 BGI: -4.9 IOB: 1.0 at 11:02:42 dev: 2.93
avgDev: 2.93 avgDelta: -2.00 csf 81 0
0 mealCOB: 8.1 mealCarbs: 45 BGI: -4.7 IOB: 0.9 at 11:07:42 dev: 2.65
avgDev: 0.00 avgDelta: -1.75 csf 79 0
0 mealCOB: 6.9 mealCarbs: 45 BGI: -4.4 IOB: 0.8 at 11:12:42 dev: 3.37
avgDev: 0.00 avgDelta: -1.75 csf 78 0
0 mealCOB: 5.7 mealCarbs: 45 BGI: -4.1 IOB: 0.8 at 11:17:41 dev: 2.08
avgDev: 0.00 avgDelta: -1.75 csf 76 0
0 mealCOB: 4.6 mealCarbs: 45 BGI: -3.8 IOB: 0.7 at 11:22:42 dev: 1.83
avgDev: 0.00 avgDelta: -1.75 csf 74 0
0 mealCOB: 3.4 mealCarbs: 45 BGI: -3.6 IOB: 0.7 at 11:27:42 dev: 3.58
avgDev: 0.00 avgDelta: -1.25 csf 74 0
0 mealCOB: 2.2 mealCarbs: 45 BGI: -3.3 IOB: 0.5 at 11:32:41 dev: 3.33
avgDev: 0.00 avgDelta: -1.00 csf 74 0
0 mealCOB: 1.0 mealCarbs: 45 BGI: -3.0 IOB: 0.4 at 11:37:42 dev: 2.05
avgDev: 0.00 avgDelta: -0.75 csf 73 0
CREndIOB: 0.203 CREndBG: 68 CREndTime: 2020-06-02T15:42:43.000Z
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.7 IOB: 0.2 at 11:42:43 dev: -2.30
avgDev: 0.00 avgDelta: -1.50 csf 68 0
end carb absorption
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.4 IOB: 0.1 at 11:47:43 dev: -0.64
avgDev: 0.00 avgDelta: -2.25 ISF 65 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -2.0 IOB: -0.0 at 11:52:42 dev: 2.04
avgDev: -0.21 avgDelta: -2.25 ISF 65 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.7 IOB: -0.2 at 11:57:42 dev: 3.67
avgDev: 0.00 avgDelta: -1.50 ISF 67 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -1.3 IOB: -0.3 at 12:02:42 dev: 2.32
avgDev: 0.00 avgDelta: 0.00 basal 68 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.9 IOB: -0.4 at 12:07:43 dev: 5.94
avgDev: 0.00 avgDelta: 2.00 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.6 IOB: -0.5 at 12:12:42 dev: 1.57
avgDev: 0.00 avgDelta: 2.25 basal 74 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: -0.2 IOB: -0.5 at 12:17:42 dev: -0.78
avgDev: 0.00 avgDelta: 1.50 basal 73 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.1 IOB: -0.5 at 12:22:43 dev: -2.06
avgDev: 0.00 avgDelta: 0.75 basal 71 0
0 mealCOB: 0.0 mealCarbs: 0 BGI: 0.3 IOB: -0.5 at 12:27:42 dev: -2.28
avgDev: -1.28 avgDelta: -1.00 basal 69 0
CRInitialIOB: -0.605 CRInitialBG: 70 CRInitialCarbTime:
2020-06-02T16:32:42.000Z
start carb absorption
0 mealCOB: 38.8 mealCarbs: 40 BGI: 0.5 IOB: -0.6 at 12:32:42 dev: 0.47
avgDev: -1.53 avgDelta: -1.00 csf 70 40
0 mealCOB: 37.6 mealCarbs: 40 BGI: 0.8 IOB: -0.7 at 12:37:42 dev:

-1.75 avgDev: -1.75 avgDelta: -1.00 csf 69 0
0 mealCOB: 52.4 mealCarbs: 56 BGI: -0.3 IOB: 5.1 at 12:42:42 dev:
-2.75 avgDev: -1.00 avgDelta: -1.25 csf 66 16
0 mealCOB: 51.2 mealCarbs: 56 BGI: -2.8 IOB: 5.0 at 12:47:41 dev: 0.76
avgDev: 0.00 avgDelta: -1.25 csf 64 0
0 mealCOB: 50.0 mealCarbs: 56 BGI: -4.9 IOB: 5.0 at 12:52:42 dev: 4.87
avgDev: 0.00 avgDelta: -1.50 csf 64 0
CREndIOB: 4.888 CREndBG: 62 CREndTime: 2020-06-02T16:57:42.000Z
Ignoring 25 m CR period.
0 mealCOB: 48.8 mealCarbs: 56 BGI: -6.6 IOB: 4.9 at 12:57:42 dev: 4.57
avgDev: 0.00 avgDelta: -1.75 csf 62 0
Found at least 1h of carb absorption: assuming all meals were
announced, and categorizing UAM data as basal.
oref0-autotune-core autotune.2020-06-02.json profile.json
profile.pump.json > newprofile.2020-06-02.json
CRTotalCarbs: 45 CRTotalInsulin: 3.255 totalCR: 13.825
Hour 0 total deviations: 0 mg/dL
Hour 0 basal adjustment needed: 0 U/hr
Hour 1 total deviations: 0 mg/dL
Hour 1 basal adjustment needed: 0 U/hr
Hour 2 total deviations: 0 mg/dL
Hour 2 basal adjustment needed: 0 U/hr
Hour 3 total deviations: 0 mg/dL
Hour 3 basal adjustment needed: 0 U/hr
Hour 4 total deviations: -7.56 mg/dL
Hour 4 basal adjustment needed: -0.02 U/hr
Hour 5 total deviations: -11.83 mg/dL
Hour 5 basal adjustment needed: -0.04 U/hr
Hour 6 total deviations: 2.18 mg/dL
Hour 6 basal adjustment needed: 0.01 U/hr
Hour 7 total deviations: -36.52 mg/dL
Hour 7 basal adjustment needed: -0.12 U/hr
Hour 8 total deviations: -1.89 mg/dL
Hour 8 basal adjustment needed: -0.01 U/hr
Hour 9 total deviations: 0 mg/dL
Hour 9 basal adjustment needed: 0 U/hr
Hour 10 total deviations: 0 mg/dL
Hour 10 basal adjustment needed: 0 U/hr
Hour 11 total deviations: 0 mg/dL
Hour 11 basal adjustment needed: 0 U/hr
Hour 12 total deviations: -1.28 mg/dL
Hour 12 basal adjustment needed: -0 U/hr
Hour 13 total deviations: 0 mg/dL
Hour 13 basal adjustment needed: 0 U/hr
Hour 14 total deviations: 0 mg/dL
Hour 14 basal adjustment needed: 0 U/hr
Hour 15 total deviations: 0 mg/dL
Hour 15 basal adjustment needed: 0 U/hr
Hour 16 total deviations: 0 mg/dL
Hour 16 basal adjustment needed: 0 U/hr

Hour 17 total deviations: 0 mg/dL
Hour 17 basal adjustment needed: 0 U/hr
Hour 18 total deviations: 0 mg/dL
Hour 18 basal adjustment needed: 0 U/hr
Hour 19 total deviations: 0 mg/dL
Hour 19 basal adjustment needed: 0 U/hr
Hour 20 total deviations: 0 mg/dL
Hour 20 basal adjustment needed: 0 U/hr
Hour 21 total deviations: 0 mg/dL
Hour 21 basal adjustment needed: 0 U/hr
Hour 22 total deviations: 0 mg/dL
Hour 22 basal adjustment needed: 0 U/hr
Hour 23 total deviations: 0 mg/dL
Hour 23 basal adjustment needed: 0 U/hr
Adjusting hour 0 basal from 1.02 to 1.018 based on hour 0 = 1.018 and hour 1 = 1.003
Adjusting hour 8 basal from 1.326 to 1.321 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 9 basal from 1.301 to 1.301 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 10 basal from 1.29 to 1.292 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 11 basal from 1.227 to 1.242 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 12 basal from 1.164 to 1.191 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 13 basal from 1.164 to 1.191 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 14 basal from 1.031 to 1.085 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 15 basal from 1.062 to 1.11 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 16 basal from 1.062 to 1.11 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 17 basal from 1.248 to 1.259 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 18 basal from 1.313 to 1.311 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 19 basal from 1.313 to 1.311 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 20 basal from 1.326 to 1.321 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 21 basal from 1.369 to 1.355 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 22 basal from 1.322 to 1.318 based on hour 7 = 1.333 and hour 23 = 1.268
Adjusting hour 23 basal from 1.268 to 1.275 based on hour 7 = 1.333 and hour 23 = 1.275
[
 { i: 0, minutes: 0, rate: 1.018, start: '00:00:00', untuned: 2 },

```

    { i: 1, minutes: 60, rate: 1.003, start: '01:00:00' },
    { i: 2, minutes: 120, rate: 1.042, start: '02:00:00' },
    { i: 3, minutes: 180, rate: 1.061, start: '03:00:00' },
    { i: 4, minutes: 240, rate: 0.814, start: '04:00:00' },
    { i: 5, minutes: 300, rate: 0.869, start: '05:00:00' },
    { i: 6, minutes: 360, rate: 1.043, start: '06:00:00' },
    { i: 7, minutes: 420, rate: 1.333, start: '07:00:00' },
    { i: 8, minutes: 480, rate: 1.321, start: '08:00:00', untuned: 1 },
    { i: 9, minutes: 540, rate: 1.301, start: '09:00:00', untuned: 1 },
    { i: 10, minutes: 600, rate: 1.292, start: '10:00:00', untuned: 2 },
    { i: 11, minutes: 660, rate: 1.242, start: '11:00:00', untuned: 2 },
    { i: 12, minutes: 720, rate: 1.191, start: '12:00:00', untuned: 2 },
    { i: 13, minutes: 780, rate: 1.191, start: '13:00:00', untuned: 2 },
    { i: 14, minutes: 840, rate: 1.085, start: '14:00:00', untuned: 1 },
    { i: 15, minutes: 900, rate: 1.11, start: '15:00:00', untuned: 1 },
    { i: 16, minutes: 960, rate: 1.11, start: '16:00:00', untuned: 1 },
    { i: 17, minutes: 1020, rate: 1.259, start: '17:00:00', untuned:
2 },
    { i: 18, minutes: 1080, rate: 1.311, start: '18:00:00', untuned:
2 },
    { i: 19, minutes: 1140, rate: 1.311, start: '19:00:00', untuned:
2 },
    { i: 20, minutes: 1200, rate: 1.321, start: '20:00:00', untuned:
2 },
    { i: 21, minutes: 1260, rate: 1.355, start: '21:00:00', untuned:
2 },
    { i: 22, minutes: 1320, rate: 1.318, start: '22:00:00', untuned:
2 },
    { i: 23, minutes: 1380, rate: 1.275, start: '23:00:00', untuned: 2 }
]

```

```

totalMealCarbs: 45 totalDeviations: 178.94 oldCSF 6.703 fullNewCSF:
3.98 newCSF: 6.158
Limiting fullNewCR from 13.825 to 11.58 (which is 1.2 * pump CR of
9.65 )
oldCR: 9.374 fullNewCR: 11.58 newCR: 9.815
Only found 3 ISF data points, leaving ISF unchanged at 62.833
p50deviation: 0 p50BGI -1.855 p50ratios: 1.051 Old ISF: 62.833
fullNewISF: 62.833 adjustedISF: 62.833 newISF: 62.833 newDIA: 6
newPeak: 55

```

Autotune pump profile recommendations:

Recommendations Log File: /Users/sethgagnon/myopenaps/autotune/
autotune_recommendations.log

Parameter	Pump	Autotune	Days Missing
ISF [mg/dL/U]	65.000	62.833	
Carb Ratio[g/U]	9.650	9.815	
00:00	1.050	1.018	2

01:00	1.050	1.003	0
02:00	1.050	1.042	0
03:00	1.050	1.061	0
04:00	0.900	0.814	0
05:00	1.000	0.869	0
06:00	1.200	1.043	0
07:00	1.400	1.333	0
08:00	1.400	1.321	1
09:00	1.400	1.301	1
10:00	1.350	1.292	2
11:00	1.250	1.242	2
12:00	1.250	1.191	2
13:00	1.250	1.191	2
14:00	1.100	1.085	1
15:00	1.100	1.110	1
16:00	1.100	1.110	1
17:00	1.300	1.259	2
18:00	1.350	1.311	2
19:00	1.350	1.311	2
20:00	1.300	1.321	2
21:00	1.300	1.355	2
22:00	1.250	1.318	2
23:00	1.250	1.275	2