From: 2021-10-31 23:50:00

To: 2021-11-01 00:10:00

Span = to – from = 20 min = 1200 sec

Amount = 12

Step = Span /Amount = 100 sec

Points = array of 12 points in range [from, to] with step 100 sec

D = 20% => search in the range [left = point - 20 sec; right = point + 20 sec]

|  |  |
| --- | --- |
| **Из базы**  **ID DtWr Temperature Humidity** | **Расчеты** |
|  | point: 2021-10-31 **23:50:00**, left: 2021-10-31 23:49:40, right: 2021-10-31 23:50:20 |
|  | point: 2021-10-31 **23:51:40**, left: 2021-10-31 23:51:20, right: 2021-10-31 23:52:00 |
|  | point: 2021-10-31 **23:53:20**, left: 2021-10-31 23:53:00, right: 2021-10-31 23:53:40 |
|  | point: 2021-10-31 **23:55:00**, left: 2021-10-31 23:54:40, right: 2021-10-31 23:55:20 |
|  | point: 2021-10-31 **23:56:40**, left: 2021-10-31 23:56:20, right: 2021-10-31 23:57:00 |
|  | point: 2021-10-31 **23:58:20**, left: 2021-10-31 23:58:00, right: 2021-10-31 23:58:40 |
| 2 2021-11-01 **00:00:20**.370 20.61 51.13, | point: 2021-11-01 **00:00:00**, left: 2021-10-31 23:59:40, right: 2021-11-01 00:00:20 |
| 2 2021-11-01 **00:01:11**.073 20.62 50.57,  2 2021-11-01 **00:02:01**.767 20.62 50.50, | point: 2021-11-01 **00:01:40**, left: 2021-11-01 00:01:20, right: 2021-11-01 00:02:00 |
| 2 2021-11-01 **00:02:52**.483 20.61 50.90,  2 2021-11-01 **00:03:43**.167 20.62 50.77, | point: 2021-11-01 **00:03:20**, left: 2021-11-01 00:03:00, right: 2021-11-01 00:03:40 |
| 2 2021-11-01 **00:04:33**.873 20.63 50.63,  2 2021-11-01 **00:05:24**.563 20.64 50.83, | point: 2021-11-01 **00:05:00**, left: 2021-11-01 00:04:40, right: 2021-11-01 00:05:20 |
| 2 2021-11-01 **00:06:15**.283 20.65 50.67,  2 2021-11-01 **00:07:05**.970 20.66 50.77, | point: 2021-11-01 **00:06:40**, left: 2021-11-01 00:06:20, right: 2021-11-01 00:07:00 |
| 2 2021-11-01 **00:08:47**.377 20.72 50.47, | point: 2021-11-01 **00:08:20**, left: 2021-11-01 00:08:00, right: 2021-11-01 00:08:40 |
| 2 2021-11-01 **00:09:38**.067 20.72 50.11, |  |