



Detector Thin Client

Version 1.3.11.0 Release Notes

Version	Name	Remarks	Date
1.0.0	Adi Brill	Final Document	2021.07.06



1. Report 11

Groups Classification Report

Server Reports

Dates Filter

☒ From Date 2021/01/01 00:00:00

☒ To Date 2021/03/01 00:00:00

Models List

☒ Select All ☐ Clear All

- ☒ Bayit_Vagan
- ☒ Beit_Hakerm
- ☒ Berkeley
- ☒ Ein_Karem
- ☒ Gilo
- ☒ Hary_Truman
- ☒ Nave_Yaacov_RE
- ☒ Romema
- ☒ Sanhedriya
- ☒ Shvil_Zukim

Report selection

11 - Groups Classification Report

Output file location c:\EDSR\Reports\ServerReportNumber_112021_07_07_14_23_58.csv

☐ Filter by Text

Report Data

Report number: 11 - Groups Classification Report

SiteName	Total	User False	User Ignore	User Other	User True	System False	System Ignore	System Other	System True
Bayit_Vagan	53	0	0	0	0	0	0	53	0
Beit_Hakerm	0	0	0	0	0	0	0	0	0
Berkeley	4	0	0	0	0	0	0	4	0
Ein_Karem	4	0	0	0	0	0	0	4	0
Gilo	6	0	0	0	0	0	0	6	0
Hary_Truman	4	0	0	0	0	0	0	4	0
Nave_Yaacov_RE	4	0	0	0	0	0	0	4	0
Romema	6	0	0	0	0	0	0	6	0
Sanhedriya	0	0	0	0	0	0	0	0	0
Shvil_Zukim	4	0	0	0	0	0	0	4	0



2. Report 12

Detailed Events Per Model

Server Reports

Dates Filter
From Date: 2020/01/02 13:58:16
To Date: 2021/01/07 13:58:16

Models List
Select All
Bayit_Vagan
Beit_Hakern
Berkeley
Ein_Karem
Gilo
Hary_Truman
Nave_Yaacov_RE
Romema
Savhedrya
Shvil_Zukim

Report selection
12 - Detailed Events per Model

Output file location: F:\EDS\Reports\ServerReport\Number_12\2021_07_07_13_58_24.csv

Filter by Text

Report Data
Report number: 12 - Detailed Events per Model

StateName	Id	PendingTimeStamp	TriggerTimeStamp	CloseTimeStamp	EventDetails
Bayit_Vagan	83762	2020-01-06 3:57:00 PM	2020-01-06 5:12:00 PM	2020-01-06 10:56:00 PM	Variable FL is out of user limits (1.3000) Trigger value:3054.00 Variable FL is out of statistical limits (2.261:2907.979) Trigger value:3054.000 Variable TU value has a positive trend over the last 15 days Time to statistical limit (Minutes):46598 Variable PR_Out is out of statistical limits (8.445:19.105) Trigger value:8.333
Bayit_Vagan	83821	2020-01-07 3:36:00 PM	2020-01-07 5:09:00 PM	2020-01-07 10:31:00 PM	Variable FL is out of user limits (1.3000) Trigger value:3116.00 Variable FL is out of statistical limits (2.261:2907.979) Trigger value:3116.000 Variable TU value has a positive trend over the last 15 days Time to statistical limit (Minutes):42621 Variable PR_Out is out of statistical limits (8.445:19.105) Trigger value:8.000
Bayit_Vagan	84384	2020-01-19 6:43:45 PM	2020-01-19 8:43:45 PM	2020-01-19 5:31:00 PM	NO_Data
Bayit_Vagan	84385	2020-01-19 8:55:06 PM	2020-01-19 10:55:06 PM	2020-01-19 11:32:22 PM	NO_Data
Bayit_Vagan	84386	2020-01-19 9:33:14 PM	2020-01-19 11:33:14 PM	2020-01-19 11:49:06 PM	NO_Data
Bayit_Vagan	84387	2020-01-19 9:50:01 PM	2020-01-19 11:50:01 PM	2020-01-19 11:56:24 PM	NO_Data
Bayit_Vagan	84388	2020-01-19 9:57:37 PM	2020-01-19 11:57:37 PM	2020-01-20 12:25:58 AM	NO_Data
Bayit_Vagan	84389	2020-01-19 10:26:01 PM	2020-01-20 12:26:01 AM	2020-01-20 12:28:59 AM	NO_Data
Bayit_Vagan	84390	2020-01-19 10:29:00 PM	2020-01-20 12:29:00 AM	2020-01-19 8:56:00 PM	NO_Data
Bayit_Vagan	84675	2020-01-25 4:42:00 PM	2020-01-25 6:13:00 PM	2020-01-25 9:23:46 PM	Variable FL is out of statistical limits (2.266:2907.979) Trigger value:2947.000 Variable FL is out of user limits (1.3000) Trigger value:3284.67 Variable CL value has a positive trend over the last 30 days Time to statistical limit (Minutes):136610 Variable FL is out of user limits (1.3000) Trigger value:3090.50 Variable FL is out of statistical limits (2.266:2907.979) Trigger value:3090.500 Variable CL value has a positive trend over the last 30 days Time to statistical limit (Minutes):120912 Variable FL is out of statistical limits (2.266:2907.979) Trigger value:2958.000 Variable FL is out of user limits (1.3000) Trigger value:3003.00 Variable CL value has a positive trend over the last 30 days Time to statistical limit (Minutes):108016
Bayit_Vagan	84709	2020-01-26 5:06:00 PM	2020-01-26 6:48:00 PM	2020-01-26 10:33:00 PM	Variable FL is out of user limits (1.3000) Trigger value:3161.00 Variable FL is out of statistical limits (2.266:2907.979) Trigger value:3161.000 Variable CL value has a positive trend over the last 30 days Time to statistical limit (Minutes):112751 Variable PR_Out is out of statistical limits (8.297:19.216) Trigger value:8.000
Bayit_Vagan	84736	2020-01-27 4:24:00 PM	2020-01-27 6:11:00 PM	2020-01-27 10:23:00 PM	Variable FL is out of user limits (1.3000) Trigger value:2930.000 Variable FL is out of statistical limits (2.266:2907.979) Trigger value:2930.000 Variable CL value has a positive trend over the last 30 days Time to statistical limit (Minutes):140074 Variable PR_Out is out of statistical limits (8.297:19.216) Trigger value:8.000
Bayit_Vagan	84803	2020-01-28 3:41:00 PM	2020-01-28 5:34:00 PM	2020-01-28 10:12:00 PM	NO_Data
Bayit_Vagan	84930	2020-01-30 3:56:00 PM	2020-01-30 5:21:00 PM	2020-01-30 11:43:00 PM	NO_Data
Bayit_Vagan	85402	2020-02-09 8:57:41 PM	2020-02-09 10:57:41 PM	2020-02-09 10:59:44 PM	NO_Data
Bayit_Vagan	85446	2020-02-13 3:16:00 PM	2020-02-13 6:03:00 PM	2020-02-13 6:36:00 PM	Variable FL is out of user limits (1.3000) Trigger value:3787.60



3. Report 13

Selected Detectors Count by Event

Server Reports

Dates Filter
From Date: 2020/01/02 13:58:16
To Date: 2021/01/07 13:58:16

Models List
Select All Clear All
Bayit_Vagan
Beit_Hakem
Berkeley
Ein_Karem
Gilo
Hary_Truman
Nave_Yasovv_RE
Ronsma
Sarhedriya
Shvil_Zukim

Report selection
13 - Selected Detectors Count by Event
Output file location: c:\EDSReports\ServerReportNumber_132021_07_13_58_56.csv
Filter by Text:

Report Data
Report number: 13 - Selected Detectors Count by Event

SiteName	Variable	Events Total	User Limits Total	Other	No Data	Communication
Bayit_Vagan	CL	517	187	330	--	--
--	TU	54	11	43	--	--
--	pH	129	21	108	--	--
--	PR	0	0	0	--	--
--	FL	390	1	389	--	--
--	LT	20	0	20	--	--
--	PR_Out	75	0	75	--	--
--	No Data	--	--	--	1406	--
--	No Comm	--	--	--	--	0
Total	--	1185	220	965	--	--
Beit_Hakem	CL	196	114	82	--	--
--	TU	75	4	71	--	--
--	pH	116	3	113	--	--
--	PR	29	0	29	--	--
--	FL	21	0	21	--	--
--	LT	51	0	51	--	--
--	P1	0	0	0	--	--
--	P2	0	0	0	--	--
--	P3	0	0	0	--	--
--	V1	0	0	0	--	--
--	V2	0	0	0	--	--
--	V3	0	0	0	--	--
--	V4	0	0	0	--	--
--	V5	0	0	0	--	--
--	No Data	--	--	--	0	--
--	No Comm	--	--	--	--	0
Total	--	488	121	367	--	--
Berkeley	CL	163	132	31	--	--
--	TU	136	67	69	--	--
--	pH	29	6	23	--	--
--	PRIn	0	0	0	--	--
--	PROut	11	0	11	--	--
--	FL	74	0	74	--	--
--	No Data	--	--	--	79	--

Windows taskbar: 32°C, 1:59 PM, 2021-07-07



4. Report 14

Models Configuration

Server Reports

Dates Filter

☒ From Date 2020/01/02 13:58:16

☒ To Date 2021/01/07 13:58:16

Models List

☒ Select All ☐ Clear All

☒ Bayit_Vagan

☒ Beit_Hakerm

☒ Berkeley

☒ Ein_Karem

☒ Gilo

☒ Hary_Truman

☒ Nave_Yaacov_RE

☒ Romema

☒ Sanhedriya

☒ Shvil_Zukim

Report selection

14 - Models Configuration

Output file location c:\EDSReports\ServerReportNumber_142021_07_13_59_45.csv

☐ Filter by Text

Report Data

Report number: 14 - Models Configuration

Model Name	Variable	Semantic	User Min	User Max	Stat Min	Stat Max	Valid Min	Valid Max	Average	STD	Median
Bayit_Vagan	CL	FreeCL	0.000	1.000	0.130	0.738	0.000	2.000	0.410	0.094	0.420
Bayit_Vagan	TU	Turbidity	0.000	2.000	0.152	1.621	0.000	1000.000	0.433	0.247	0.354
Bayit_Vagan	pH	pH	4.000	12.000	7.145	8.179	0.000	12.000	7.688	0.198	7.700
Bayit_Vagan	PR	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Bayit_Vagan	FL	Flow	0.100	3000.000	2.254	2906.971	0.000	3000.000	756.581	835.766	646.000
Bayit_Vagan	LT	Level	500.000	1350.000	567.442	1286.576	0.000	1350.000	942.355	177.356	1154.000
Bayit_Vagan	PR_Out	Pressure	5.000	25.000	7.791	19.736	0.000	900.000	12.908	2.543	17.000
Beit_Hakerm	CL	TotalCL	0.000	1.000	0.180	0.645	0.000	2.000	0.401	0.089	0.411
Beit_Hakerm	TU	Turbidity	0.000	2.000	0.302	0.599	0.000	5.000	0.426	0.101	0.439
Beit_Hakerm	pH	pH	4.000	12.000	7.353	8.188	4.000	12.000	7.791	0.222	7.800
Beit_Hakerm	PR	Pressure	3.000	8.000	3.999	6.079	0.000	900.000	5.146	0.501	5.000
Beit_Hakerm	FL	Flow	0.100	3000.000	121.686	842.409	0.000	3000.000	437.341	148.890	456.000
Beit_Hakerm	LT	Level	460.000	730.000	469.584	618.804	0.000	730.000	560.334	33.605	572.000
Beit_Hakerm	P1	*	0.000	1.000	0.989	1.038	0.000	1.000	0.000	0.017	0.000
Beit_Hakerm	P2	*	0.000	1.000	0.987	1.036	0.000	1.000	0.000	0.017	0.000
Beit_Hakerm	P3	*	0.000	1.000	0.996	1.046	0.000	1.000	0.000	0.021	0.000
Beit_Hakerm	V1	*	0.000	1.000	0.995	1.045	0.000	1.000	0.187	0.390	1.000
Beit_Hakerm	V2	*	0.000	1.000	0.999	1.049	0.000	1.000	0.191	0.393	1.000
Beit_Hakerm	V3	*	0.000	1.000	0.997	1.047	0.000	1.000	0.191	0.393	1.000
Beit_Hakerm	V4	*	0.000	1.000	0.998	1.048	0.000	1.000	0.186	0.389	1.000
Beit_Hakerm	V5	*	0.000	1.000	NaN	0.000	0.000	1.000	0.000	0.000	0.000
Berkeley	CL	TotalCL	0.000	1.000	0.074	0.968	0.000	2.000	0.394	0.142	0.398
Berkeley	TU	Turbidity	0.000	2.000	0.095	1.454	0.000	1000.000	0.364	0.177	0.335
Berkeley	pH	pH	4.000	12.000	6.521	8.170	0.000	12.000	7.580	0.331	7.650
Berkeley	PRin	*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Berkeley	PRout	Pressure	12.000	41.000	23.360	40.011	0.000	900.000	34.967	1.660	35.000
Berkeley	FL	Flow	0.100	13.000	0.183	12.901	0.000	3000.000	4.727	2.401	4.700
Ein_Karem	CL	TotalCL	0.000	1.000	0.308	0.555	0.000	2.000	0.433	0.059	0.440
Ein_Karem	TU	Turbidity	0.000	2.000	0.021	0.540	0.000	5.000	0.252	0.129	0.240



5. Variables Panel

Variables panel is available from the model menu. It contains all of the management options the variable tab on the server contains.

The screenshot displays the Detector Thin Client 1.3.11.0 interface. The top menu bar includes File, Reports, Refresh, Log Out, and Info. The left sidebar shows the 'Variables' panel with a list of variables and their status. The main area is divided into a map of Jerusalem and a table of selected site data.

Variables Panel:

Status	Last TimeStamp	Alarm Status
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-25 09:29:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-11-13 13:20:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-06-05 07:30:00	NONE
RUN	2020-10-13 15:02:07	NONE

Selected site data:

Field	Units	Data
TimeStamp	-	2021-06-11 9:20:00 PM
CL	mg/L	0.33
TU	NTU	0.25
pH	SU	7.45
PR	-	48.00
FL	FL-M3/H	1058.00
LT	LT-CM	816.00
PR_Out	Meter	10.00

Map: A map of Jerusalem showing various locations and landmarks. The map includes a search bar and a 'Go' button.

Events:

Alarm Type	Key	Start Time	Trigger Time	Description
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It is also possible to edit the variable chart default color. Site must be paused in order to edit any variable setting.



Field Properties [X]

Field name:

Field format:

User min limit: ☐ Operational variable

User max limit: ☒ Similarity variable

Interval size:

Rounding Factor: Units:

Topology Type:

Topology Target:

Validation Low: Significant change:

Validation High: Variable weight:

Semantic name:

Tail Low (0 - 15%):

Tail High (0 - 15%): ☐ Hide any indication about variable

Variables Bayit_Vegan

Variables

Var name	Units	Role	Active	Format	User Low	User High	Average	STD	Median	Stat Low	Stat High	Interval	Round
CL	mg/L				0	1	0.41	0.09	0.42	0.13	0.74	0.05	2
TU	NTU				0	2	0.433	0.247	0.354	0.152	1.621	0.1	3
pH	SU				4	12	7.69	0.2	7.7	7.14	8.18	0.4	2
PR	-				0	0	0	0	0	0	0	0.0	0
FL	FL-M3/H				0.1	3000	756.58	835.77	646	2.25	2906.97	149.995	0
LT	LT-CM				500	1350	942	177	1154	567	1287	42.5	0
PR_Out	Meter				5	25	12.91	2.54	17	7.79	19.74	1.0	0

Idle Import Data activity...



6. Charts Colors

Charts color adhere to the default colors defined in the database. Said colors are defined to be the colors accepted by the Ha Gichon as follows: CL – dark green, TU – Royal Blue, ph – Magenta pink etc.

