

# Daily Optimizer Emails

Last Modified on 09/20/2024 11:20 am EDT

## Route Stats

### Opti Stat Daily Email

Example: Daily Status email for Optigistics Log for May 8 2020 5:17AM

---

#### Today's Weather:

EDD - Estimated Degree Days

div:1 rg:1 hi:59 low:37 edd:17

---

#### Route Delivery Info:

Parked Route	Truck	Runs	Stops	Gals	Critical Tnk	Hours	Distance	Repeating Tnk (resets each Sunday)
rt:51	trk:85 parked							
rt:52	trk:9	rns:2	Stp:17	gal:6119.9	crit:14	hrs:9.8	dst:168.9	rep:16
rt:53	trk:86	parked (E+) Note: Route has been excluded via Opti Tool						

---

#### Parked Truck Info:

Predicted to park tomorrow

Parked Tomorrow rt:51 trk:85 drv:37

Unexpected Schedule rt:52 trk:9 drv:76

Previously predicted to park but call-in entry, Julian, or % update was entered.

#### Summer Fill:

If active, will display the word Active and the number of tanks left to deliver.

(Inactive)

---

Unscheduled Critical Tanks:

Route 51:

Delv Type	Tank RRN	Cust #	Cust Name	Tank %	Gals to Delv	Predicted Days til Empty
type: KF	rrn:31699	cust:111259	name:DOE, JOHN	frac:0.20	gtd:600	pdte:8

---

OptiSched Version: 2020-E Copyright (c) 2008-2020, Optigistics, LLC. All rights reserved.

---

Critical Projections

For each pair of numbers on a given day for a given route, the top number represents the total number of critical tanks that day and the bottom number represents the total gallons required to fill all of those tanks. Each subsequent day assumes none of the prior days' tanks were delivered.

	09/03/24	09/04/24	09/05/24	09/06/24	09/07/24	09/08/24	09/09/24	09/10/24
rt:2	3	5	5	5	5	5	5	5
	1014	1954	1954	1954	1954	1954	1954	1954

The version information is now expanded to include unscheduled information and lists tanks that are in jeopardy of running out.

Example:

OptiSched Version: 2020-K Copyright (c) 2022 Optigistics, LLC. All Rights Reserved.

Schedule Date: Tue Sep 03 09:55:58 MDT 2024

div: 1 route: 2 (09:56:19)

div: 1 route: 3 (09:56:30)

div: 1 route: 4 (09:56:45)

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule exclusion period. div: 1 Route: 4, tankNum: 7980, tomorrow's projected fraction:0.1729 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 8835, tomorrow's projected fraction:0.0069 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 13024, tomorrow's projected fraction:0.0000 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 25036, tomorrow's projected fraction:0.1397 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 27609, tomorrow's projected fraction:0.0888 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 14967, tomorrow's projected fraction:0.1100 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 25657, tomorrow's projected fraction:0.1900 days to below critical: 0

...Warning: Near empty keepfull not serviced today or not serviced and projected critical during active schedule

exclusion period. div: 1 Route: 4, tankNum: 26243, tomorrow's projected fraction:0.1700 days to below critical: 0

...Warning: Tank not serviced by end date or its end date reached during active schedule exclusion period: 4 4 241  
1,000.0 400.0 dt+ ft: P

...Warning: Tank not serviced by end date or its end date reached during active schedule exclusion period: 4 4  
15244 1,000.0 300.0 dt+ ft: P

...Warning: Tank not serviced by end date or its end date reached during active schedule exclusion period: 4 4  
25554 2,000.0 1,000.0 dt+ ft: P

...Warning: Tank not serviced by end date or its end date reached during active schedule exclusion period: 4 4  
26612 500.0 130.0 dt+ ft: P

Processing Time Seconds:51

Completed Processing of this schedule set--halting

---

## Route Summary

Schedule Date: Fri May 08 04:12:36 CDT 2020

div: 1 route: 51

...critical gallon projections div: 1 route: 51

## Critical gallon accumulations for the week

Mon 04-27-2020 12 4,655

Tue 04-28-2020 13 4,961

Wed 04-29-2020 14 5,268

Thu 04-30-2020 14 5,272

Fri 05-01-2020 14 5,275

Sat 05-02-2020 14 5,282

Sun 05-03-2020 14 5,288

Mon 05-04-2020 14 5,295div: 1 route: 52

div: 1 route: 53

Processing Time Seconds:44

Completed processing of this schedule set--halting

## Tank Exclusions

### Optimizer Export Exclusions

Tanks in this list were not sent to the optimizer based on the applicable reason for each section below. Parameters indicate certain restrictions on tank sets. Tanks which did not meet these restrictions are also not sent to the optimizer.

#### Parameters

Route Range: 50-257

Location Range: 0-999

Include Daily Use: YES

Include Call In: YES

#### Manually Excluded Tanks (Total: # of Tanks)

This table is found under *Optimizer Maintenance*.

Route	Tank RRN	Info
50	10374	CustNo: 25745
52	23783	CustNo: 4931198

#### Pending Call-Ins (Total: # of Tanks)

Call in order is entered with a Y for *Pending*.

Route	Tank RRN	Info
55	14822	CustNo: 814800

#### Tanks Over Balance (Total: # Customers)

If your *Division* is set up with *Age Limits for Mapping*, and the line *IncludeOverBalance* is added in your *Opti* parameters and is set to *NO*, tanks listed are not being routed.

Route	Tank RRN	Info
50	4311	CustNo: 5275561 (R)
50	7023	CustNo: 14730902 (R)
50	7142	CustNo: 11932330 (R)
50	18822	CustNo: 894150 (R)

#### Pending Call-Ins (Total: # of Tanks)

Call in orders with a Y for *Pending*.

Route	Tank RRN	Info
55	14822	CustNo: 814800

#### Tanks Missing GPS (Total: # of Tanks)

Route	Tank RRN	Info
50	21178	CustNo: 224453
50	25607	CustNo: 557210
50	26303	CustNo: 237984

#### GPS Coordinates Outside Bounds (Total: # of Tanks)

The GPS Bounds are listed in the *Parameter* section of the email.

Route	Tank RRN	Info
50	17026	CustNo: 233843 - GPS: (46.9190800000, -98.7126800000)

Route	Tank RRN	Info
50	18678	CustNo: 224508 - GPS: (46.9201400000, -98.6285967000

### Tanks On Hold (Total: # of Tanks)

An active hold is on the individual tank.

Route	Tank RRN	Info
50	136	CustNo: 51790
50	282	CustNo: 93540
50	699	CustNo: 191118

## Opti Errors

### Daily Error Email for Optigistics Log for May 8 2020 3:59AM

Errors prevent the optimizer from successfully running. These items have been removed from the data files to allow the optimizer to complete but their removal may contribute to additional errors within the optimizer. Warnings may lower the efficiency of the optimizer until corrected (if possible). In extreme cases warnings may also prevent a successful run.

---

**Errors: 1**

**Warnings: 6**

---

Error Code	Severity ID	Customer Number	Error Message
24002	Error 48205	890393	No monitor readings available for tank RRN 48205.
20003	Warning 14510	102082	Tank 14510 daily use is greater than 10.0. Please verify.
20003	Warning 27613	110039	Tank 27613 daily use is greater than 10.0. Please verify.
20003	Warning 27898	312936	Tank 27898 daily use is greater than 10.0. Please verify.
20003	Warning 30504	323720	Tank 30504 daily use is greater than 10.0. Please verify.
20001	Warning 7	100037	Tank 7 kFactor above 50.0, please ensure accuracy
20001	Warning 12	100057	Tank 12 kFactor above 50.0, please ensure accuracy
20001	Error11723	221026	Tank 11723 kFactor cannot be less than 0.05.
22006	Warning 228850	165237	Tank 228850 capacity below 100 gallons, please verify

22006                      Warning 238755                      158132 Tank 238755 capacity below 100 gallons, please verify

22008                      Warning 244689                      158772 Tank 244689 straight-line distance to yard Avon 7115 is 143.69 miles. Reasonable maximum distance is 120.0 miles. Please verify tank location.

### Common Error Codes and Warnings

**No monitor reads** – Verify monitor is associated to the correct tank rrn in monitor website.

**Daily Use greater than 10.0** – Navigate to customer tank and verify daily usage is accurate.

**K-Factor above 50** – Navigate to customer tank to verify K-Factor.

**K-Factor below .05** – Navigate to customer tank and correct the K-Factor.

**Tank Size Warnings** – Verify tank size and verify tank should be scheduled by Optimizer Plus.

**Distance Warnings** – Review tank on Energy Map and verify tank is plotted correctly.