



911 Response Data for Richmond County

Emergency Response Zone

1/1/2022 – 12/31/2022

Introduction

The information included in this document is EMS data from 911 Responses for the timeframe of January 1, 2022, through December 31, 2022, submitted to the Department for 911 requests in Richmond County.

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County Information:

- Richmond County, GA
- Population Estimate (Census as of 7/1/2021): 205,673
- Area: 329 mi²
- Largest city: Augusta
- Cities: Augusta and Hephzibah
- Hospitals present:
 - Augusta University Medical Center (Designations: Adult Level I Trauma Center, Comprehensive Stroke Center)
 - Charlie Norwood VA Medical Center
 - Doctors Hospital (Designations: Adult Level II Trauma Center, Primary Stroke Center)
 - East Central Regional Hospital
 - East Central Regional Hospital -Gracewood
 - Eisenhower Army Medical Center
 - Piedmont Hospital (Designations: Cardiac Level I Center, Primary Stroke Center)

Filters for all data shown

NOTE: data is from GEMSIS Elite data present in Biospatial as of 1/25/2023 and represents ALL agencies reporting data for Richmond County.

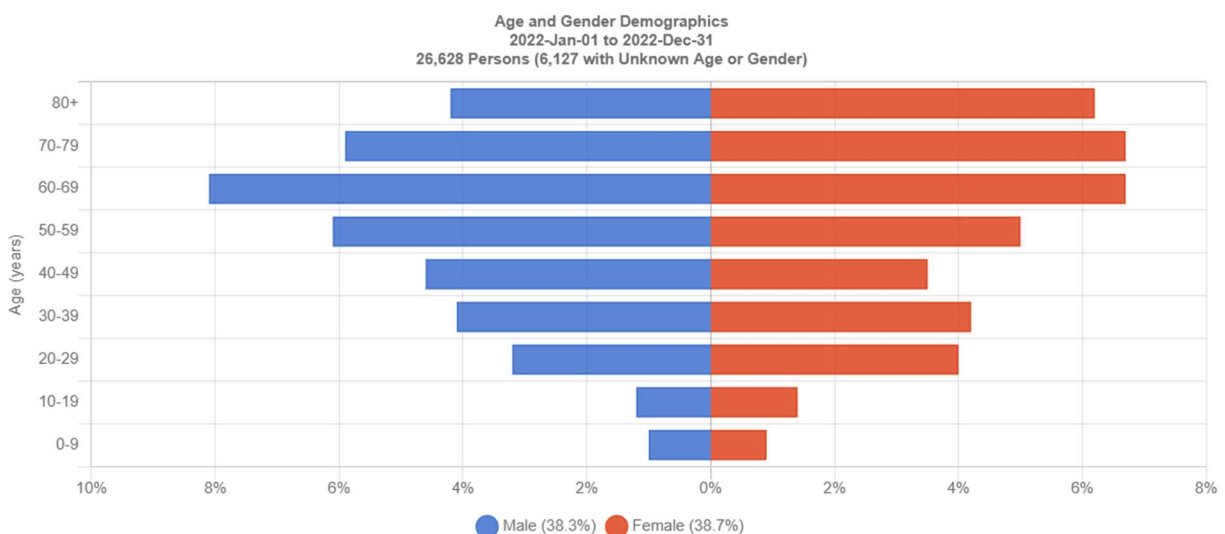
- Date Range: 1/1/2022 – 12/31/2022
- Type of Service Requested: 911 Response (Scene), Mutual Aid
- County/State: Richmond County, GA
- Unit Role: Ground Transport

Total Call Volume

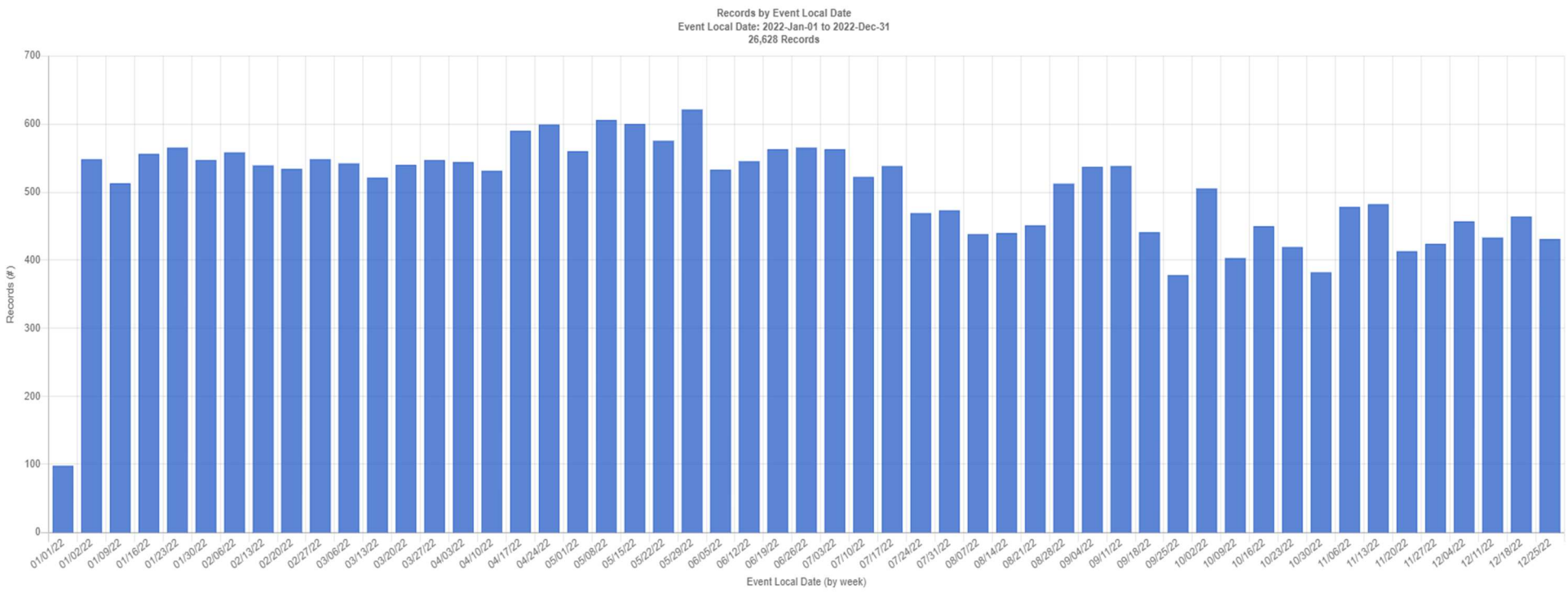
- Call Volume: 26,628
- Breakdown by Incident/Patient Disposition:

INCIDENT/PATIENT DISPOSITION	COUNT
Treated, Transported by this EMS Unit	17,241
Canceled (Prior to Arrival)	2,805
Refused Evaluation/Care, No Transport	2,802
Canceled on Scene (No Patient Contact)	2,796
Evaluated, No Treatment/Transport Required	188
Canceled on Scene (No Patient Found)	147
Dead at Scene, RA, No Transport	128
Treated, Released (AMA)	120
Dead at Scene, No RA, No Transport	86
Treated, Transferred Care to Another EMS Unit	78
Standby - No Services or Support Provided	48
Standby - Support Provided	38
Assist, Agency	32
Assist, Public	31
Treated, Private Vehicle Transport	23
Treated, Released (per protocol)	16
Treated, Law Enforcement Transport	10
Assist, Unit	9
Dead at Scene, No RA, Transported	9
Dead at Scene, RA, Transported	7
Non-Patient Transport	7
Refused Evaluation/Care, Transported	5
Not Reported	2
TOTAL	26,628

Call Demographics

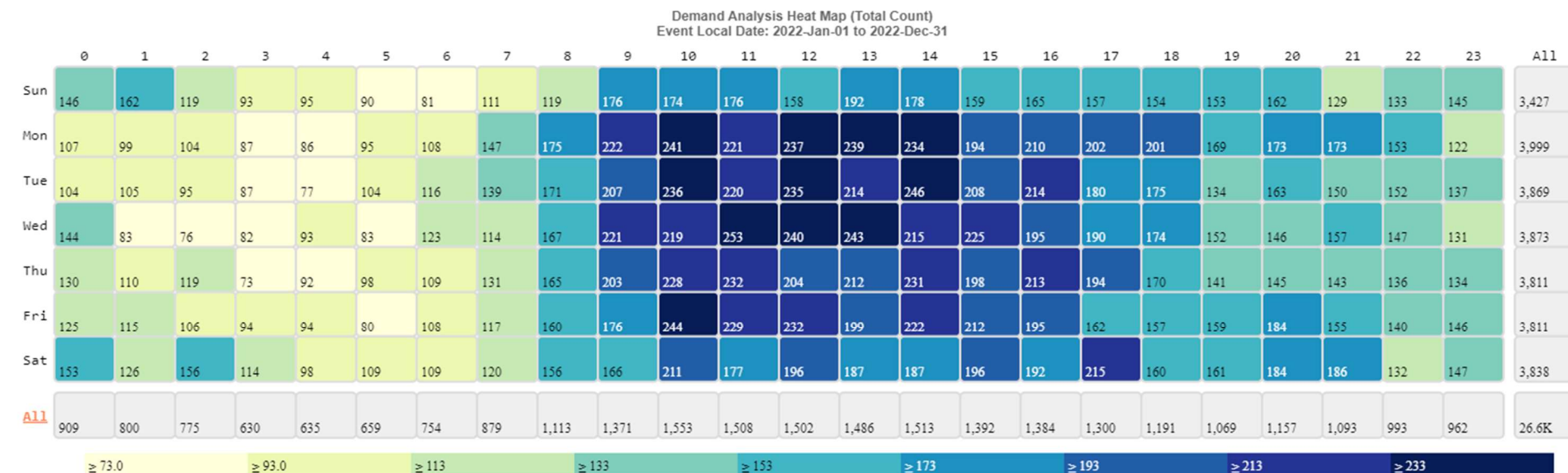


Calls by Week

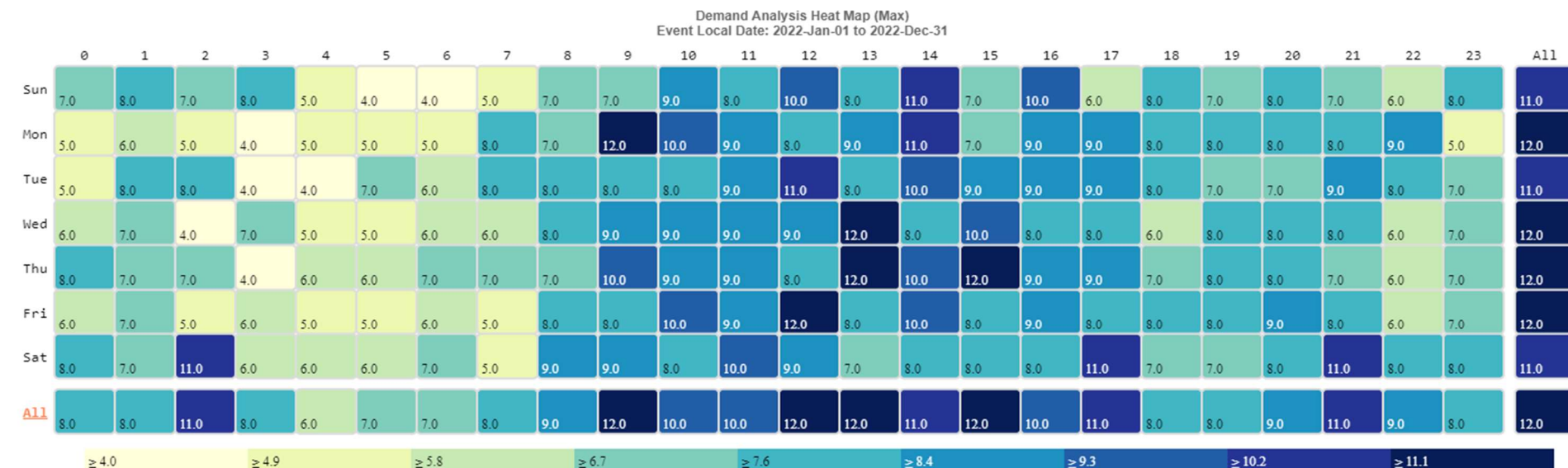


Demand Analysis (Calls by Hour of Day and Day of Week)

TOTAL

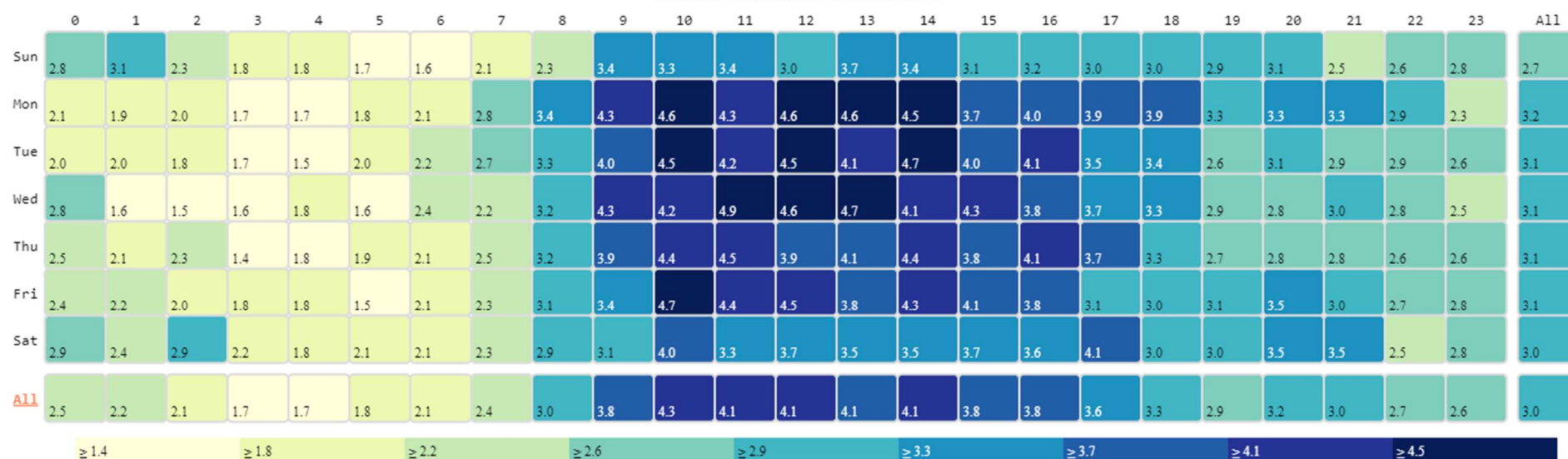


MAX PER HOUR



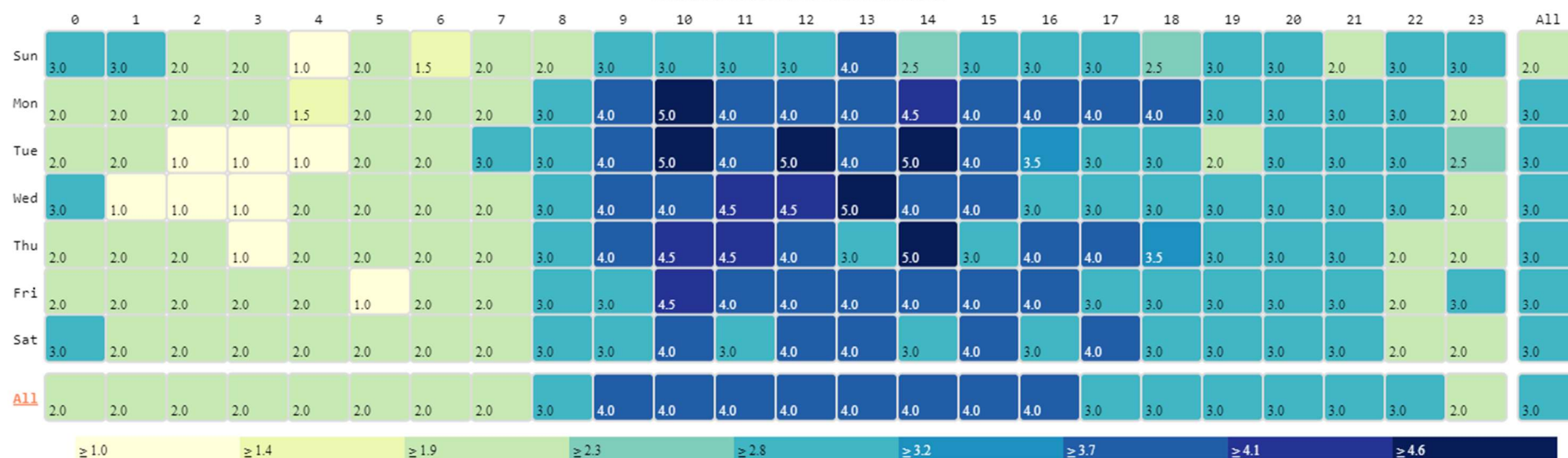
MEAN

Demand Analysis Heat Map (Mean)
Event Local Date: 2022-Jan-01 to 2022-Dec-31



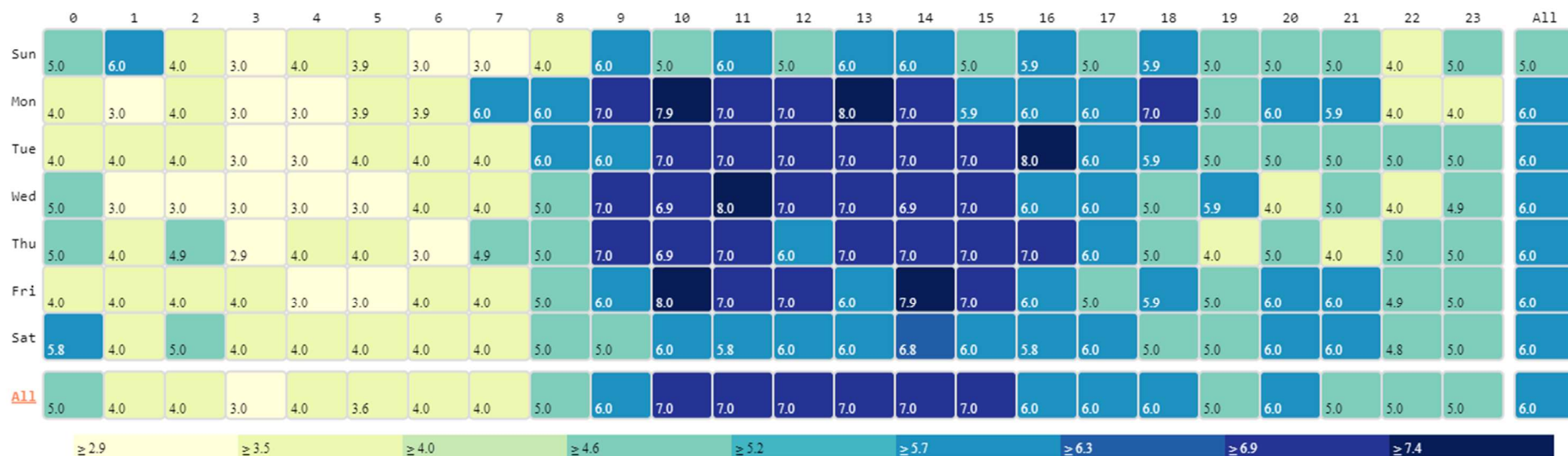
MEDIAN

Demand Analysis Heat Map (Median)
Event Local Date: 2022-Jan-01 to 2022-Dec-31



90TH PERCENTILE

Demand Analysis Heat Map (90th Percentile)
Event Local Date: 2022-Jan-01 to 2022-Dec-31



TRANSPORTS

Additional Filter for Transports Data

- Incident/Patient Disposition = *Treated and Transported by this EMS Unit & Dead at Scene, No RA, Transported*

Count by Destination Facility

DESTINATION FACILITY	COUNT
Augusta University Medical Center (GA)	6,668
Piedmont Augusta (GA)	5,689
Doctors Hospital of Augusta (GA)	3,222
Augusta VA Medical Center (GA)	1,041
Eisenhower Army Medical Center (GA)	275
Burke Medical Center (GA)	44
Piedmont Hospital (GA)	35
Children's Hospital of Georgia (GA)	25
Joseph M. Still Burn Center at Doctors Hospital (GA)	19
Piedmont Augusta Summerville Campus (GA)	16
Augusta State Medical Prison (GA)	16
Select Specialty Hospital Augusta (GA)	10
Piedmont Athens Regional (GA)	7
Augusta VA Medical Center Uptown (GA)	6
Aiken Regional Medical Center (SC)	5
HealthSouth Walton Rehabilitation Hospital (GA)	5
Atlanta VA Medical Center (GA)	4
Piedmont McDuffie (GA)	3
Jefferson Hospital (GA)	2
Ridgeview Institute (GA)	1
HCA Florida Capital Hospital (FL)	1
Self Regional Healthcare (SC)	1
MUSC Medical Center (SC)	1
Phoebe Sumter Medical Center (GA)	1
Emory University Hospital (GA)	1
Memorial Health Center for Behavioral Medicine(clark Center) (GA)	1
Dodge County Hospital (GA)	1
East Central Regional Hospital (GA)	1
MUSC Health Ashley River Tower (SC)	1
Coastal Behavioral Health (GA)	1
Northside Hospital (GA)	1
Memorial Satilla Health (GA)	1
Not Reported	157
TOTAL	17,262

Count by Primary Payment Method (ePayment.01)

PRIMARY PAYMENT METHOD (ePayment.01)	COUNT
Insurance	940
No Insurance Identified	907
Medicare	799
Self Pay	726
Medicaid	489
Not Billed	163
Other Payment Option	43
Other Government	24
Payment by Facility	7
Community Network	5
Workers Compensation	4
Contracted Payment	3
Not Reported	22,518
TOTAL	26,628

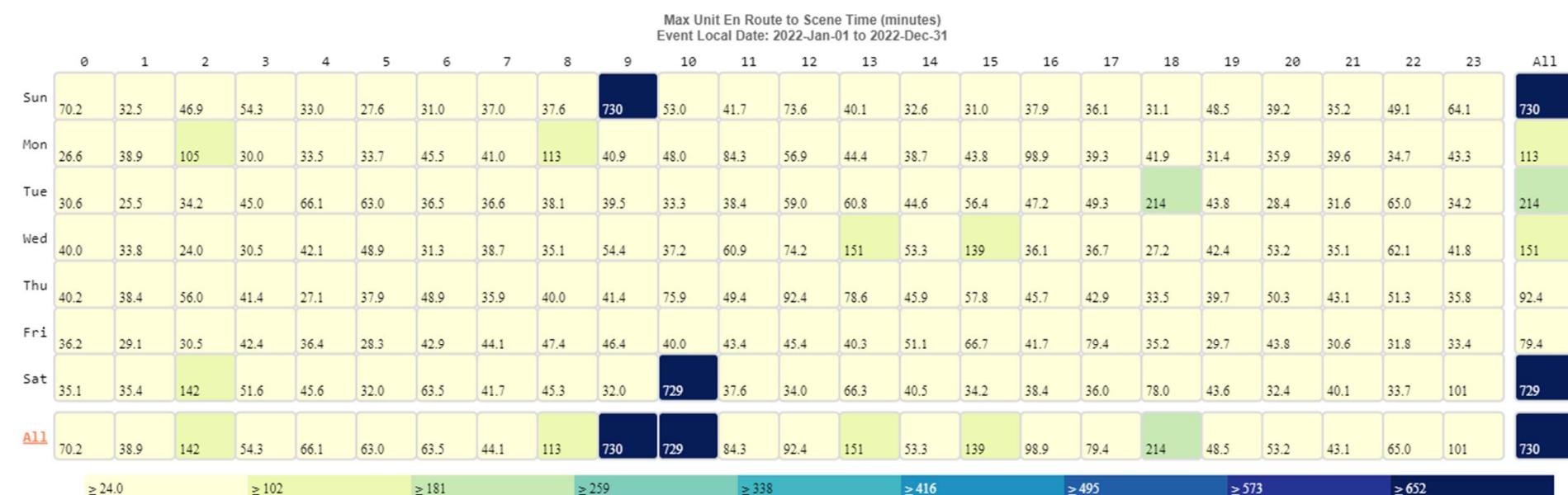
TIMES

The following pages show the following time intervals as calculated in Biospatial:

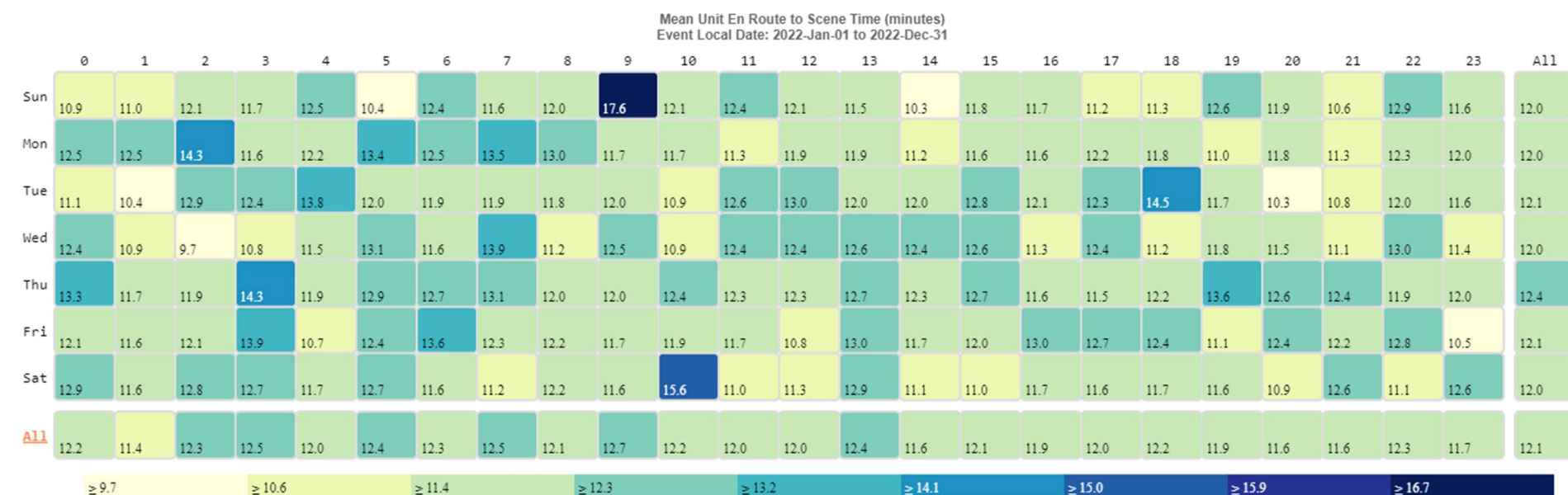
- Unit En Route to Scene: is the difference in minutes between the unit en route time (eTimes.05) and the time of unit arrival on scene (eTimes.06).
- Scene to Destination: is the difference in minutes between the time the unit left the scene (eTimes.09) and the time of patient arrival at destination (eTimes.11).
- Time on Task: is the difference in minutes between the unit notified by dispatch time (eTimes.03) and the time of unit back in service (eTimes.13).

NOTE: Time intervals are calculated for ALL calls that include both times used to calculate the interval.

Unit En Route to Scene - MAX

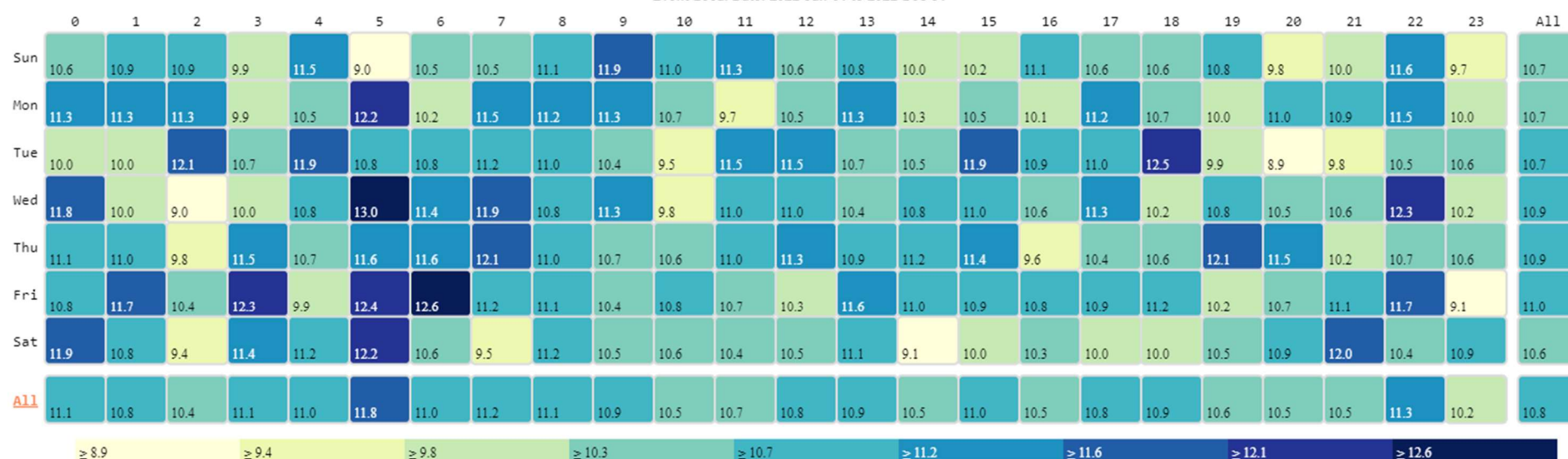


Unit En Route to Scene - MEAN



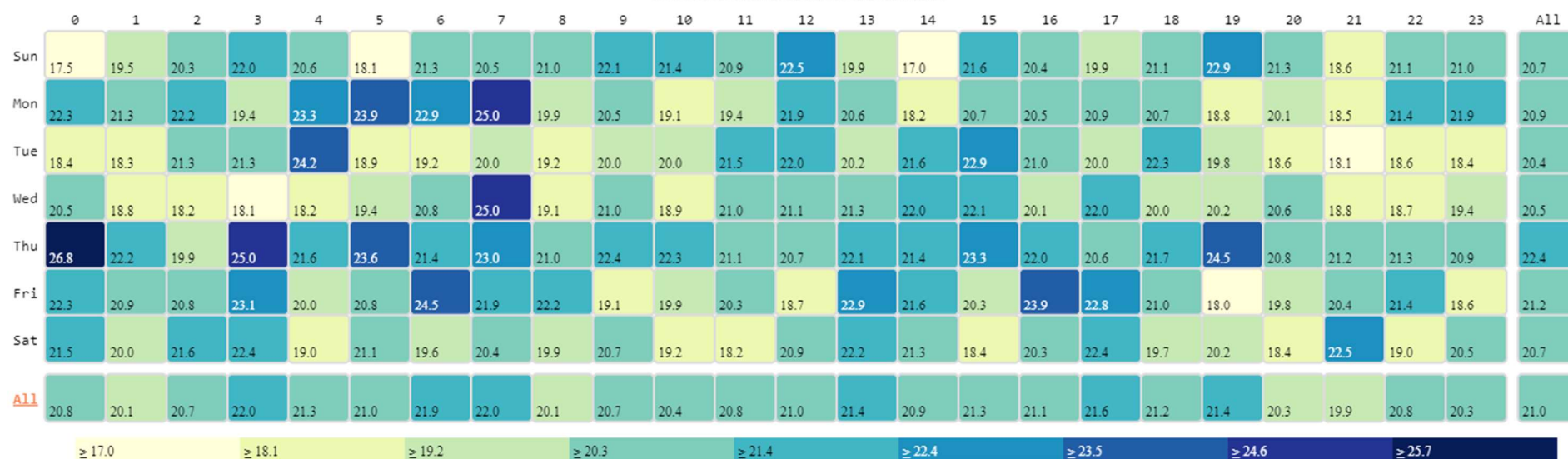
Unit En Route to Scene - MEDIAN

Median Unit En Route to Scene Time (minutes)
Event Local Date: 2022-Jan-01 to 2022-Dec-31

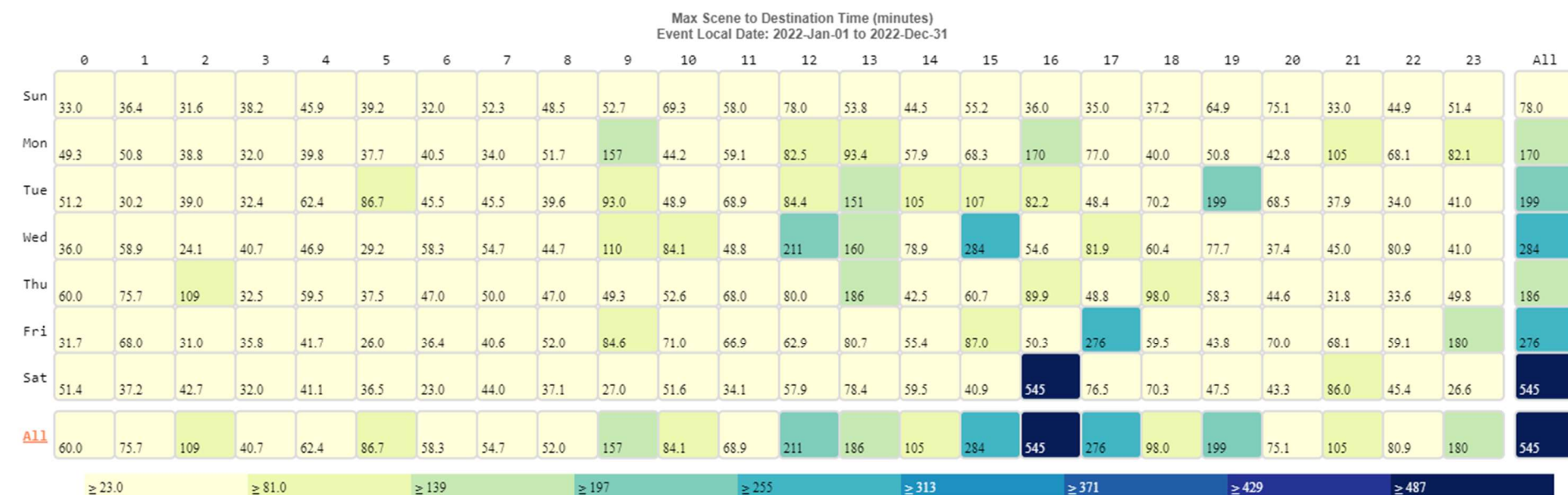


Unit En Route to Scene - 90th PERCENTILE

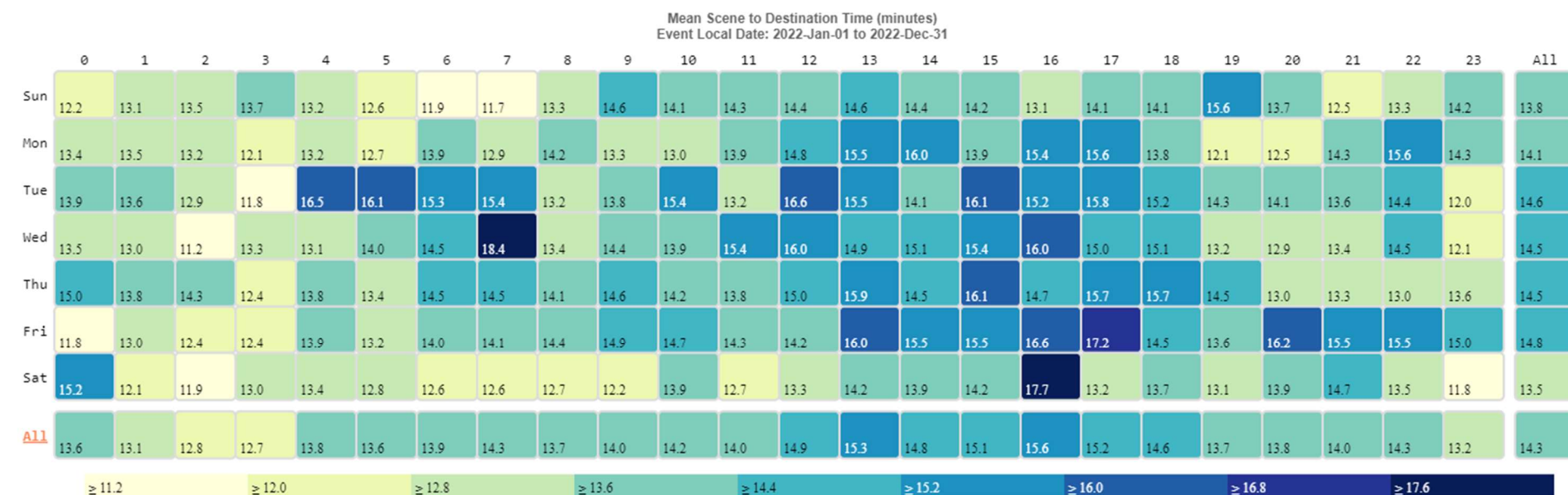
90th Percentile Unit En Route to Scene Time (minutes)
Event Local Date: 2022-Jan-01 to 2022-Dec-31



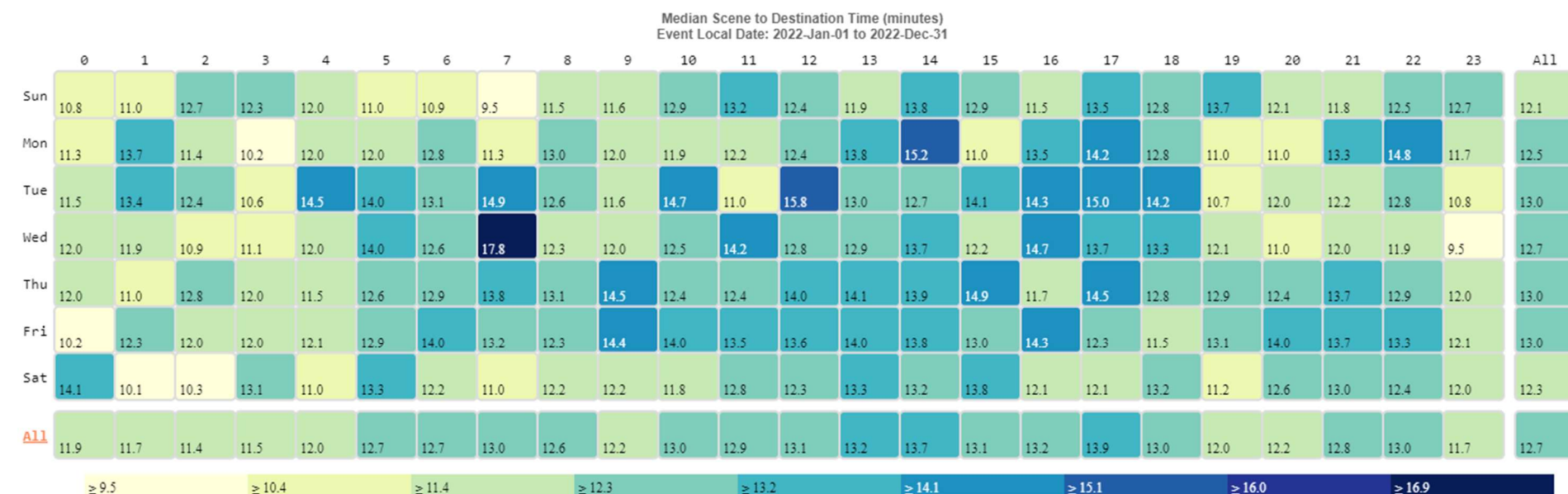
Scene to Destination – MAX



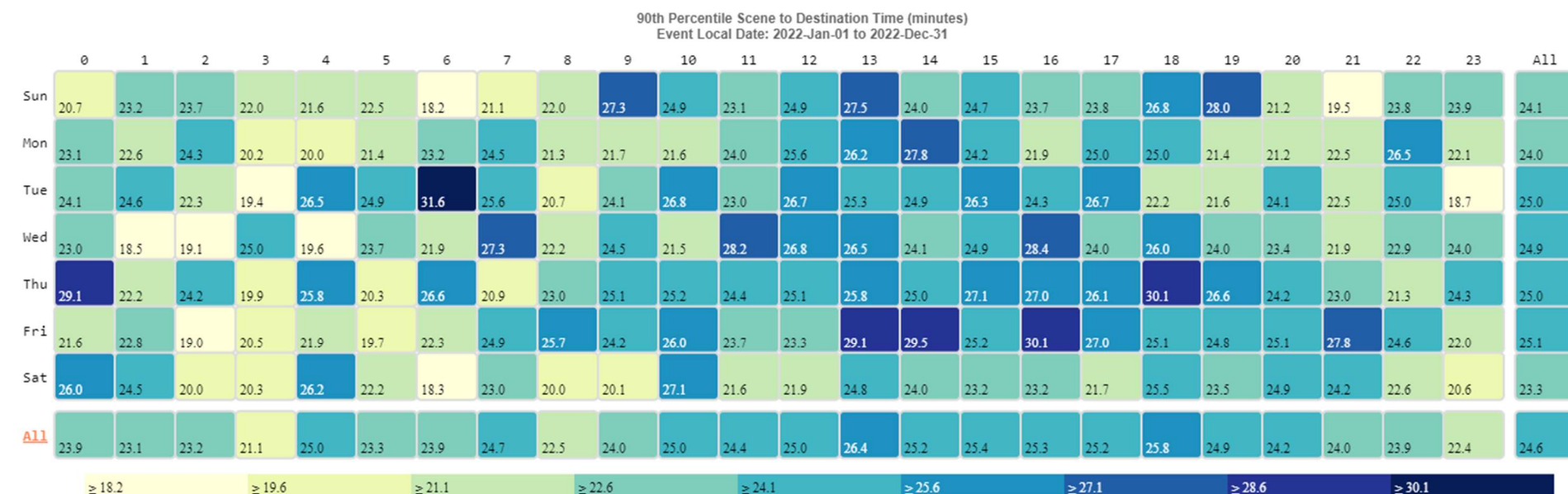
Scene to Destination – MEAN



Scene to Destination – MEDIAN



Scene to Destination - 90th PERCENTILE



Time on Task – MAX

Max Unit Notified to Back in Service Time (minutes)
Event Local Date: 2022-Jan-01 to 2022-Dec-31

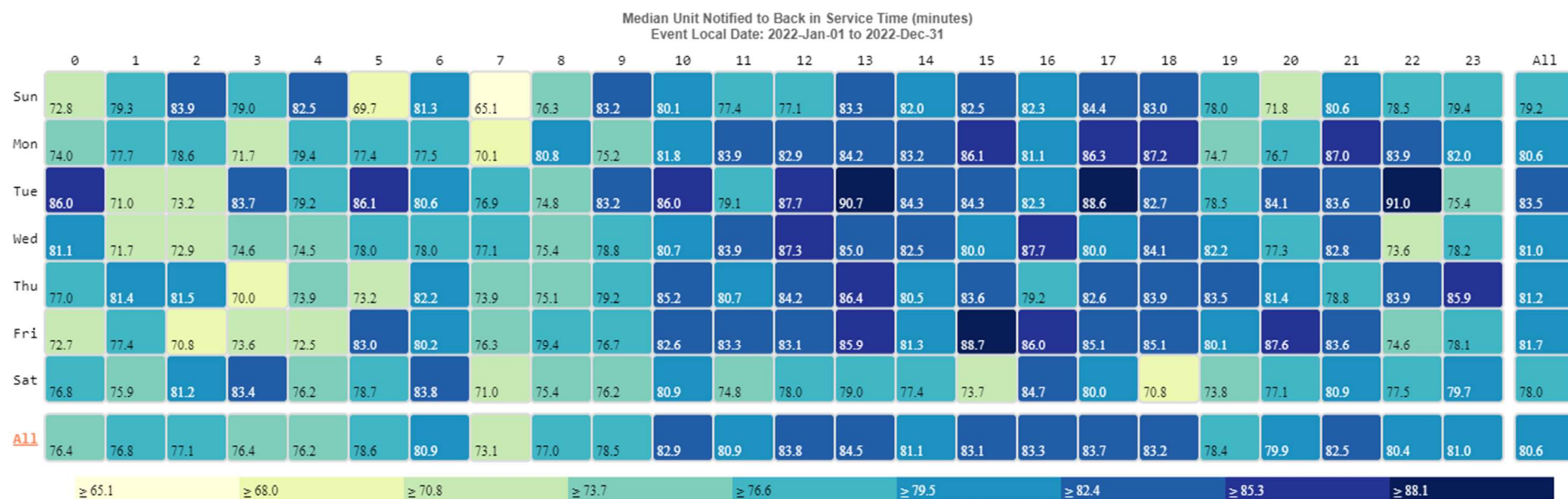
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	171	235	312	142	822	134	161	151	635	830	238	165	289	354	407	215	364	493	197	204	234	267	297	183	830
Mon	137	160	206	148	170	169	218	179	332	752	366	327	294	259	301	362	323	263	327	459	481	305	179	236	752
Tue	191	167	237	237	166	207	199	178	161	301	263	200	516	290	398	416	309	397	280	359	329	204	850	319	850
Wed	157	153	323	263	169	197	164	238	172	329	546	233	379	364	243	878	287	282	268	213	273	231	204	172	878
Thu	171	256	253	140	182	229	143	134	160	265	174	306	185	362	262	240	273	271	248	149	340	173	261	153	362
Fri	176	168	191	185	175	143	152	143	180	264	234	1,125	703	305	244	309	156	388	306	179	267	236	195	299	1,125
Sat	279	343	207	253	247	164	161	197	770	161	773	788	341	192	851	193	626	241	219	158	230	183	154	809	851
All	279	343	323	263	822	229	218	238	770	830	773	1,125	703	364	851	878	626	493	327	459	481	305	850	809	1,125
≥ 134 ≥ 244 ≥ 354 ≥ 464 ≥ 574 ≥ 684 ≥ 794 ≥ 905 ≥ 1,015																									

Time on Task – MEAN

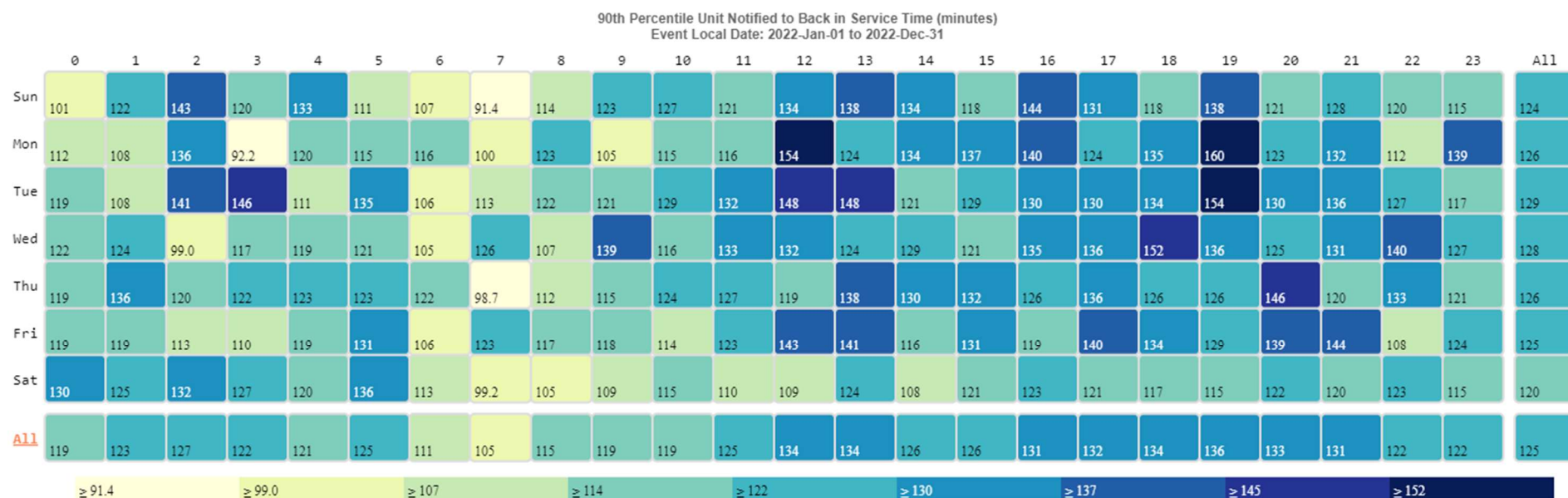
Mean Unit Notified to Back in Service Time (minutes)
Event Local Date: 2022-Jan-01 to 2022-Dec-31

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	All
Sun	46.6	55.4	65.3	55.0	70.7	50.8	55.7	47.7	58.3	64.9	59.7	54.9	59.5	59.6	65.6	62.8	57.2	56.1	56.7	59.3	52.5	60.2	52.1	56.1	57.8
Mon	55.7	49.3	60.5	52.1	56.4	54.4	60.9	53.7	69.6	68.6	66.8	67.1	75.0	67.0	64.3	69.0	63.6	64.9	58.4	62.5	56.8	57.5	58.7	53.2	62.7
Tue	52.6	49.1	54.6	53.7	56.2	62.4	54.9	60.8	57.3	70.6	66.1	64.9	73.4	70.4	66.7	68.5	62.7	65.3	62.1	65.5	61.0	61.7	61.6	54.1	63.1
Wed	49.2	54.5	57.1	54.6	52.0	59.1	52.7	60.7	58.5	68.8	64.1	69.0	73.6	69.3	65.9	64.9	66.9	63.9	61.6	57.1	59.4	56.8	48.3	54.6	61.8
Thu	56.4	51.8	52.0	53.3	57.7	60.7	59.3	50.2	61.0	67.7	68.5	68.9	64.8	73.0	68.6	70.1	60.0	55.2	58.6	59.2	69.6	57.0	59.8	52.7	62.0
Fri	55.5	51.6	47.9	52.2	51.3	62.0	55.5	54.6	62.7	65.3	64.0	80.8	66.4	66.3	58.9	68.6	57.6	61.6	59.5	52.5	59.0	65.4	54.0	51.9	60.8
Sat	59.3	59.2	58.4	51.9	52.9	51.7	56.2	53.3	59.1	54.8	64.7	63.5	61.7	61.6	58.4	56.6	64.0	52.7	56.0	54.2	55.1	54.1	55.7	62.3	57.8
All	53.5	53.3	56.6	53.2	56.7	57.2	56.4	54.5	61.1	66.2	65.0	67.6	68.3	67.0	64.2	65.9	61.8	59.9	59.1	58.5	58.8	58.8	55.8	55.1	60.9
≥ 46.6 ≥ 50.4 ≥ 54.2 ≥ 58.0 ≥ 61.8 ≥ 65.6 ≥ 69.4 ≥ 73.2 ≥ 77.0																									

Time on Task – MEDIAN

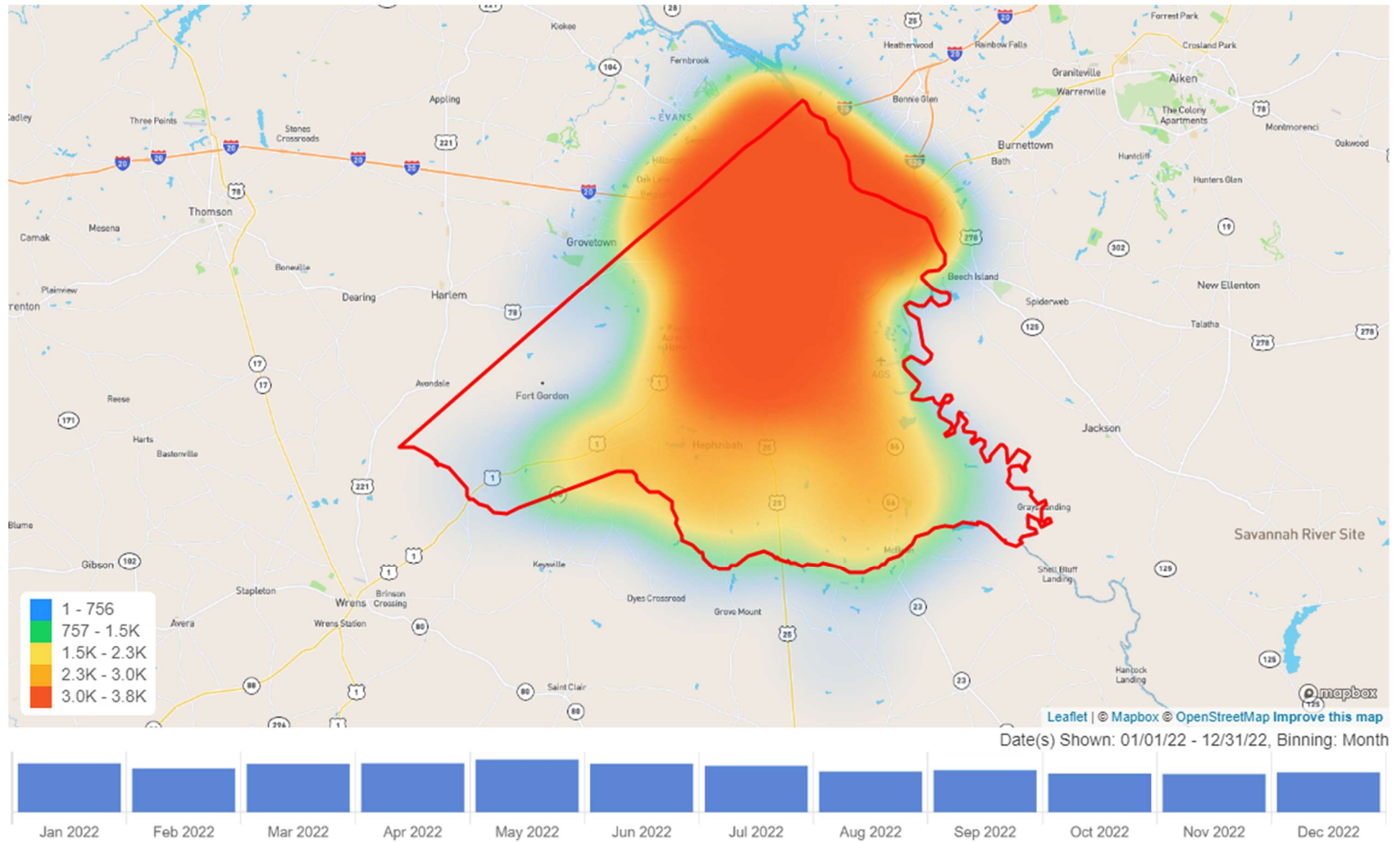


Time on Task - 90th PERCENTILE



CALL LOCATIONS (ALL 911 Calls for Ground Ambulance)

HEAT MAP – RICHMOND COUNTY



GEOSPATIAL CLUSTER MAP – RICHMOND COUNTY

